

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085367.D
 Acq On : 31 Dec 2024 12:30
 Operator : JC\MD
 Sample : VN1231WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

Quant Time: Jan 01 02:05:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	158113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114065	50.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.160%
35) Dibromofluoromethane	8.165	113	85972	50.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	10.565	98	318647	50.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.847	95	105088	50.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.340%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	49015	22.922	ug/l 100
3) Chloromethane	2.359	50	47066	19.583	ug/l 99
4) Vinyl Chloride	2.512	62	48863	19.224	ug/l 97
5) Bromomethane	2.953	94	29274	17.610	ug/l 91
6) Chloroethane	3.118	64	31667	19.645	ug/l 92
7) Trichlorofluoromethane	3.494	101	68393	20.469	ug/l 100
8) Diethyl Ether	3.959	74	22921	20.718	ug/l 92
9) 1,1,2-Trichlorotrifluo...	4.365	101	40712	21.414	ug/l 99
10) Methyl Iodide	4.589	142	43366	19.711	ug/l 93
11) Tert butyl alcohol	5.530	59	34801	123.237	ug/l 99
12) 1,1-Dichloroethene	4.336	96	35514	20.212	ug/l 98
13) Acrolein	4.183	56	50640	115.021	ug/l 97
14) Allyl chloride	5.024	41	54781m	19.481	ug/l
15) Acrylonitrile	5.718	53	108032	121.550	ug/l 99
16) Acetone	4.430	43	90129	121.541	ug/l 100
17) Carbon Disulfide	4.712	76	98906	18.504	ug/l 99
18) Methyl Acetate	5.024	43	56171	24.742	ug/l 98
19) Methyl tert-butyl Ether	5.788	73	118718	20.788	ug/l 100
20) Methylene Chloride	5.271	84	41769	20.941	ug/l 91
21) trans-1,2-Dichloroethene	5.783	96	37510	20.437	ug/l 98
22) Diisopropyl ether	6.677	45	136221	22.479	ug/l 96
23) Vinyl Acetate	6.600	43	481568	109.853	ug/l 99
24) 1,1-Dichloroethane	6.565	63	77580	21.253	ug/l 98
25) 2-Butanone	7.482	43	142241	123.640	ug/l 97
26) 2,2-Dichloropropane	7.488	77	66807	20.890	ug/l 100
27) cis-1,2-Dichloroethene	7.482	96	45006	20.892	ug/l 97
28) Bromochloromethane	7.812	49	34174	20.145	ug/l # 99
29) Tetrahydrofuran	7.835	42	96156	129.755	ug/l 96
30) Chloroform	7.965	83	78295	20.966	ug/l 97
31) Cyclohexane	8.259	56	62980	18.894	ug/l 96
32) 1,1,1-Trichloroethane	8.171	97	68477	20.532	ug/l 97
36) 1,1-Dichloropropene	8.371	75	51178	20.337	ug/l 98
37) Ethyl Acetate	7.559	43	61241	24.484	ug/l 97
38) Carbon Tetrachloride	8.365	117	57956	21.129	ug/l 97
39) Methylcyclohexane	9.600	83	51116	19.577	ug/l 96
40) Benzene	8.600	78	166743	21.915	ug/l 99

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 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31226	24.376	ug/l	98
42) 1,2-Dichloroethane	8.665	62	61314	22.477	ug/l	99
43) Isopropyl Acetate	8.688	43	98760	23.979	ug/l	96
44) Trichloroethene	9.353	130	36896	20.483	ug/l	96
45) 1,2-Dichloropropane	9.618	63	42138	21.817	ug/l	99
46) Dibromomethane	9.706	93	28743	21.398	ug/l	96
47) Bromodichloromethane	9.888	83	60555	21.690	ug/l	95
48) Methyl methacrylate	9.676	41	43885	24.556	ug/l	98
49) 1,4-Dioxane	9.694	88	14866	551.335	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	303197	130.999	ug/l	99
52) Toluene	10.629	92	99887	22.048	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	57766	21.040	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	63344	21.336	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	38625	22.582	ug/l	98
56) Ethyl methacrylate	10.870	69	57700	23.163	ug/l	96
57) 1,3-Dichloropropane	11.159	76	67168	22.374	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	112803	93.595	ug/l	97
59) 2-Hexanone	11.194	43	217792	135.627	ug/l	99
60) Dibromochloromethane	11.359	129	44867	23.289	ug/l	98
61) 1,2-Dibromoethane	11.465	107	37502	22.162	ug/l	99
64) Tetrachloroethene	11.100	164	32782	21.176	ug/l	98
65) Chlorobenzene	11.888	112	104918	19.873	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38782	21.887	ug/l	96
67) Ethyl Benzene	11.965	91	179378	20.430	ug/l	97
68) m/p-Xylenes	12.070	106	135374	42.131	ug/l	97
69) o-Xylene	12.394	106	64136	20.634	ug/l	94
70) Styrene	12.412	104	108760	21.589	ug/l	99
71) Bromoform	12.576	173	28979	23.612	ug/l #	95
73) Isopropylbenzene	12.694	105	163129	20.814	ug/l	99
74) N-amyl acetate	12.494	43	80411	23.969	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	58621	23.485	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	47140m	23.162	ug/l	
77) Bromobenzene	12.976	156	39844	20.520	ug/l	97
78) n-propylbenzene	13.035	91	198442	21.722	ug/l	99
79) 2-Chlorotoluene	13.123	91	121056	21.055	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	134985	21.293	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18862	22.195	ug/l	93
82) 4-Chlorotoluene	13.217	91	122669	21.184	ug/l	100
83) tert-Butylbenzene	13.435	119	115893	21.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	137320	21.754	ug/l	99
85) sec-Butylbenzene	13.617	105	159792	20.963	ug/l	98
86) p-Isopropyltoluene	13.729	119	130780	19.998	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	71998	20.454	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	72657	20.094	ug/l	99
89) n-Butylbenzene	14.053	91	109731	19.659	ug/l	99
90) Hexachloroethane	14.329	117	27517	22.023	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	69551	20.741	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10817	24.349	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	32631	19.498	ug/l	99
94) Hexachlorobutadiene	15.500	225	15805	19.008	ug/l	97
95) Naphthalene	15.641	128	108904	19.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33123	19.809	ug/l	100

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ClientSampleId :
VN1231WBSD01

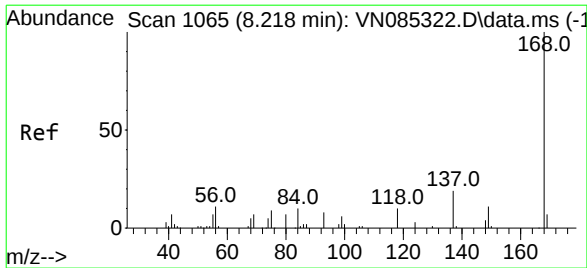
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/02/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

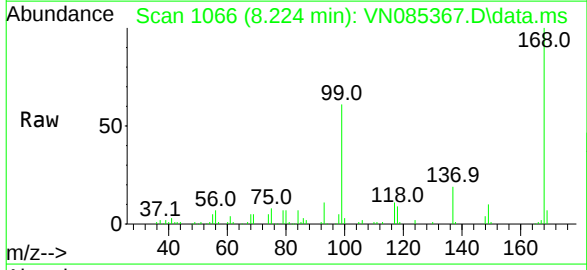
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

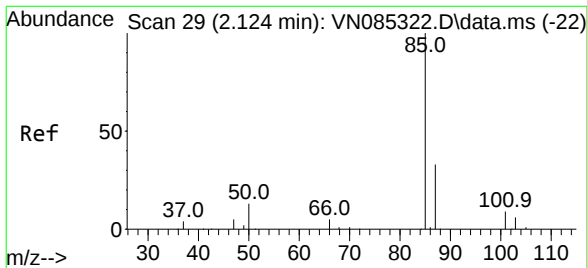
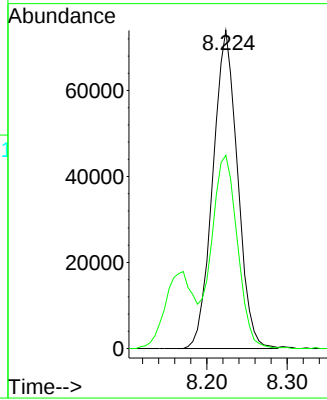
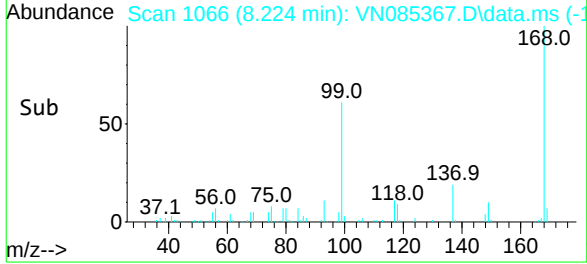
Instrument :
MSVOA_N
ClientSampleId :
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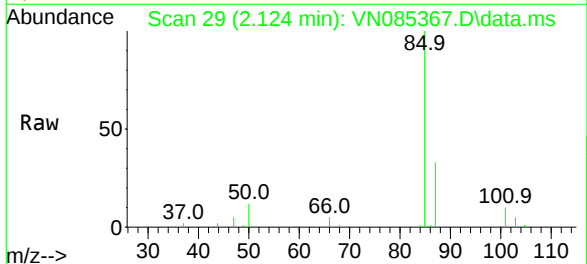
Tgt Ion:168 Resp: 158113
Ion Ratio Lower Upper
168 100
99 60.5 51.0 76.4

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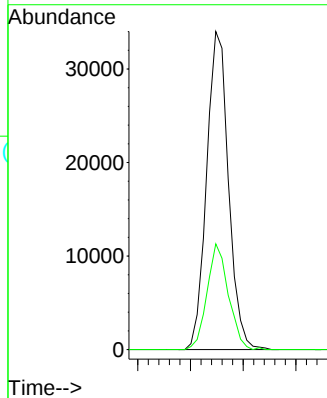
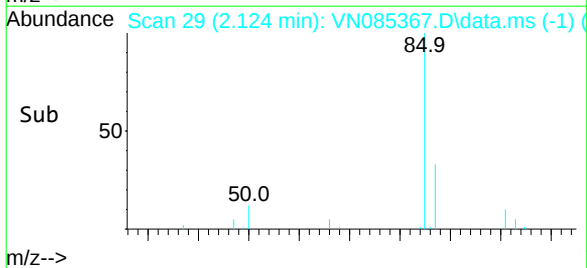
Reviewed By :John Carlone 01/02/2025
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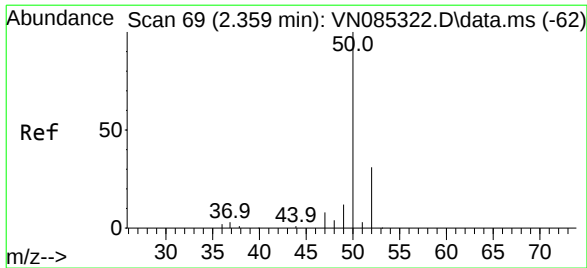


#2
Dichlorodifluoromethane
Concen: 22.922 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



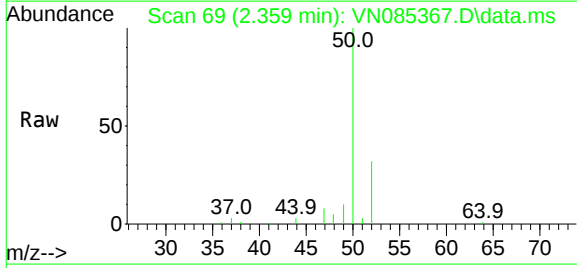
Tgt Ion: 85 Resp: 49015
Ion Ratio Lower Upper
85 100
87 33.2 16.8 50.3





#3
Chloromethane
Concen: 19.583 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

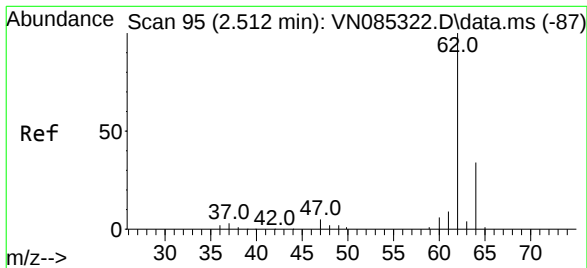
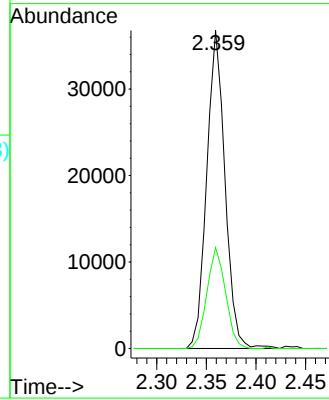
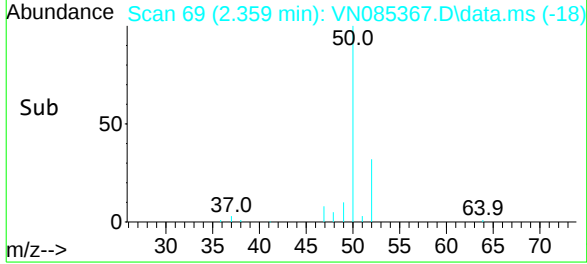
Instrument :
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Tgt Ion: 50 Resp: 47066
Ion Ratio Lower Upper
50 100
52 31.8 25.1 37.7

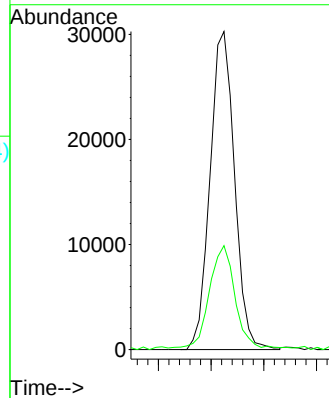
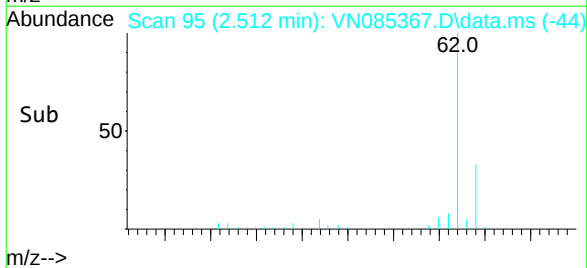
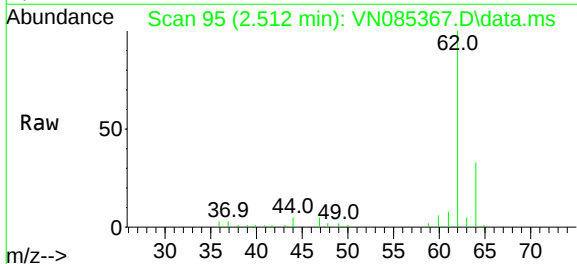
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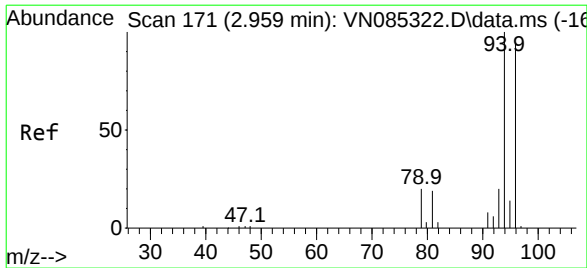
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#4
Vinyl Chloride
Concen: 19.224 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

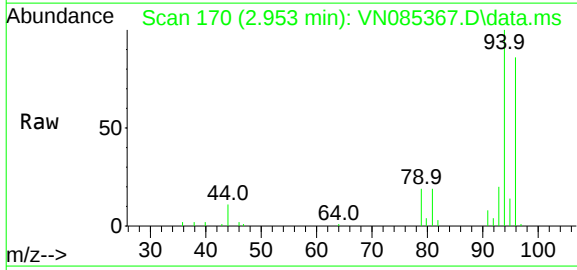
Tgt Ion: 62 Resp: 48863
Ion Ratio Lower Upper
62 100
64 32.0 27.0 40.6





#5
Bromomethane
Concen: 17.610 ug/l
RT: 2.953 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

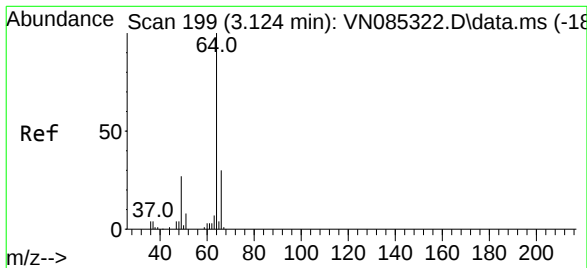
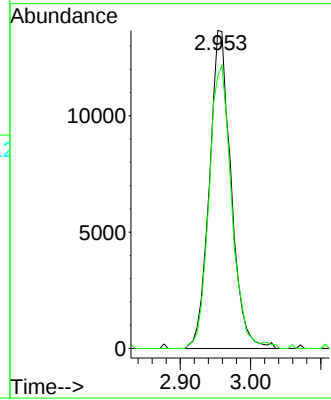
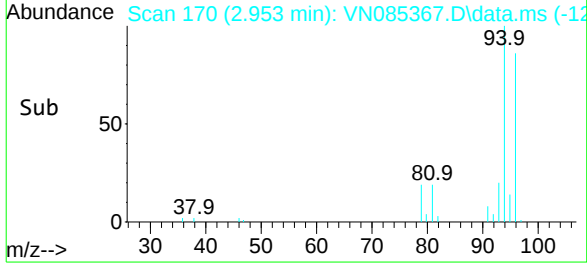
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Tgt Ion: 94 Resp: 29274
Ion Ratio Lower Upper
94 100
96 85.6 75.2 112.8

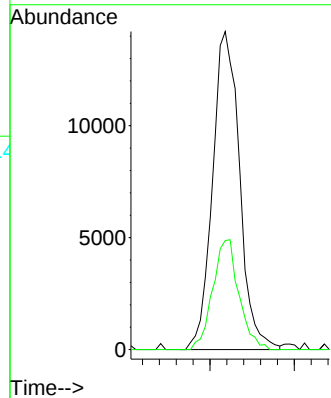
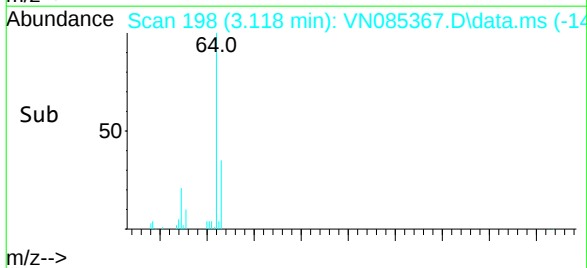
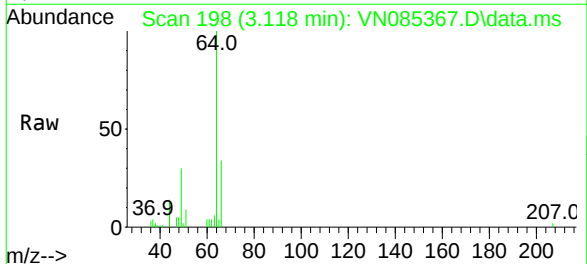
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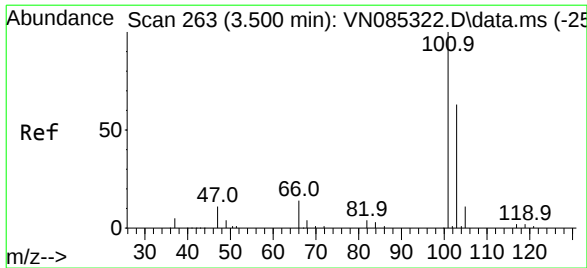
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#6
Chloroethane
Concen: 19.645 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085367.D
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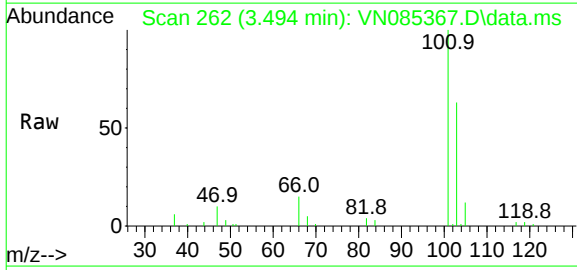
Tgt Ion: 64 Resp: 31667
Ion Ratio Lower Upper
64 100
66 34.3 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 20.469 ug/l
 RT: 3.494 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085367.D
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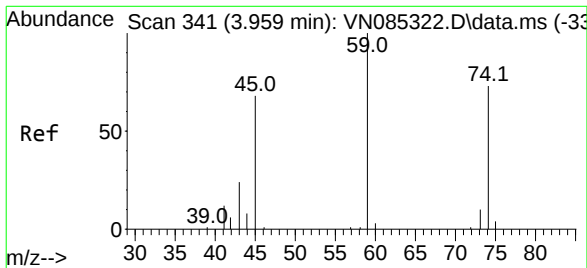
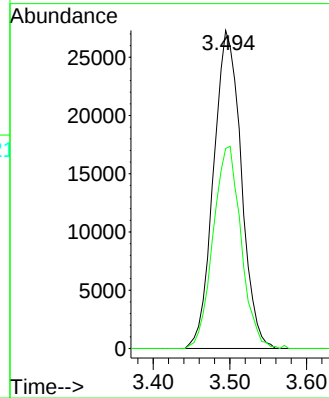
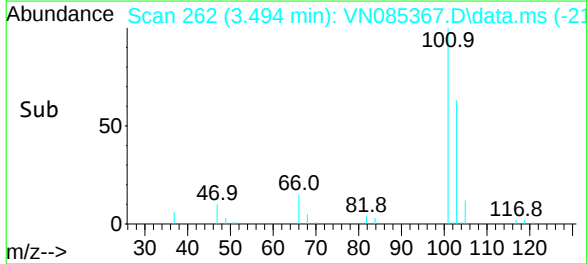
Instrument :
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Tgt Ion:101 Resp: 68393
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.3 75.5

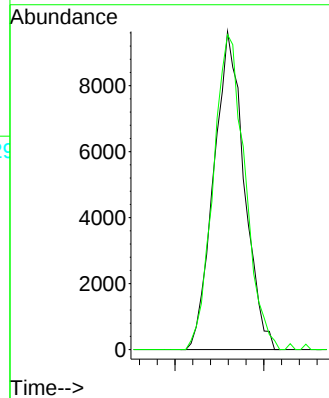
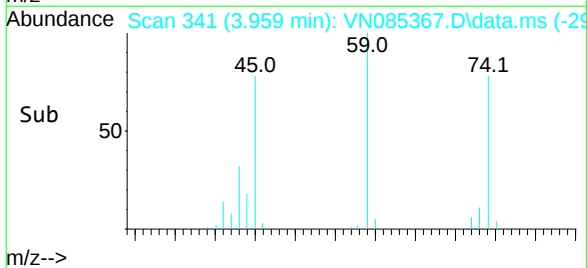
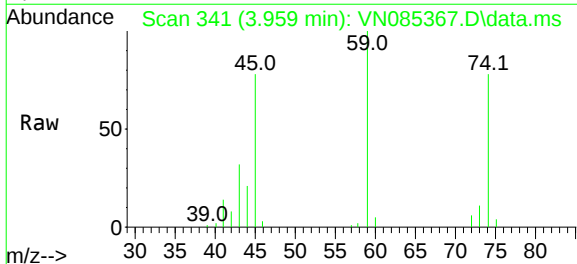
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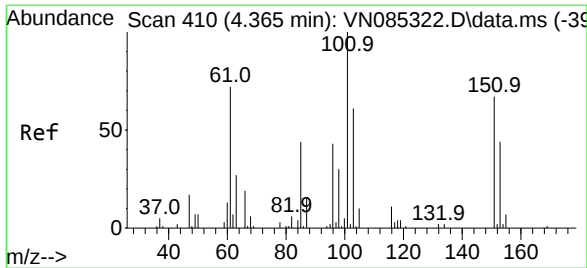
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#8
 Diethyl Ether
 Concen: 20.718 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085367.D
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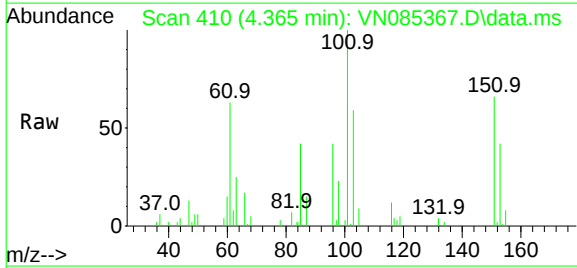
Tgt Ion: 74 Resp: 22921
 Ion Ratio Lower Upper
 74 100
 45 103.3 47.5 142.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.414 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN085367.D
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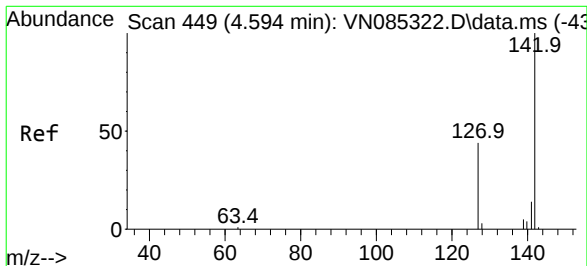
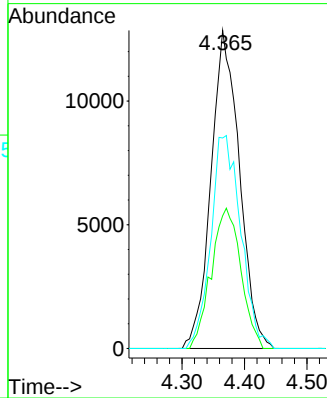
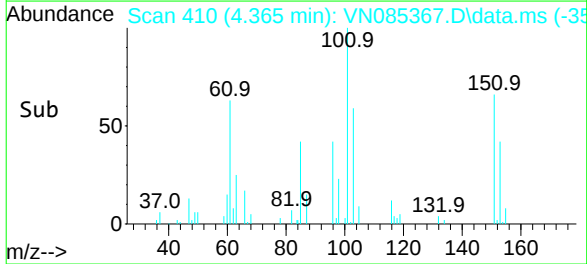
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



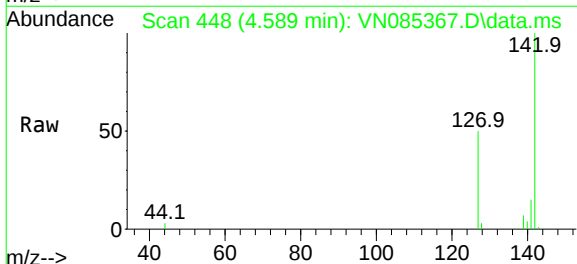
Tgt Ion:101 Resp: 40712
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 70.6 55.8 83.6

Manual Integrations
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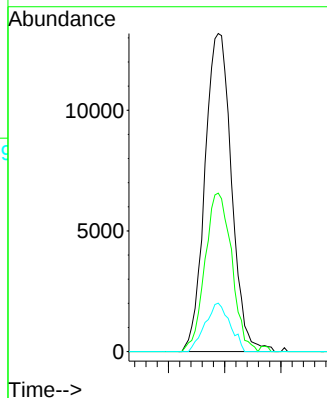
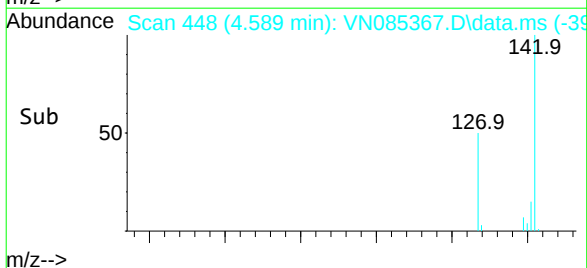
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

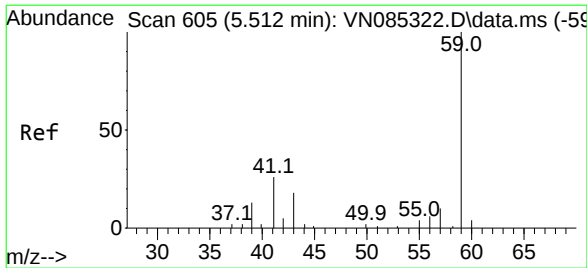


#10
Methyl Iodide
Concen: 19.711 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



Tgt Ion:142 Resp: 43366
Ion Ratio Lower Upper
142 100
127 49.8 35.3 52.9
141 15.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 123.237 ug/l

RT: 5.530 min Scan# 605

Delta R.T. 0.018 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBSD01

Tgt Ion: 59 Resp: 34801

Ion Ratio Lower Upper

59 100

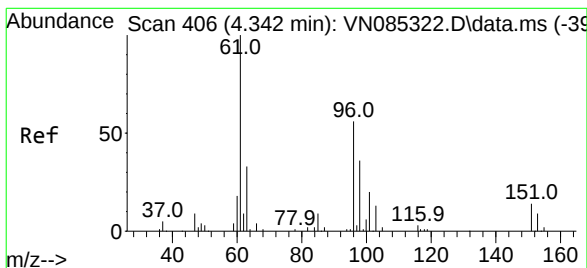
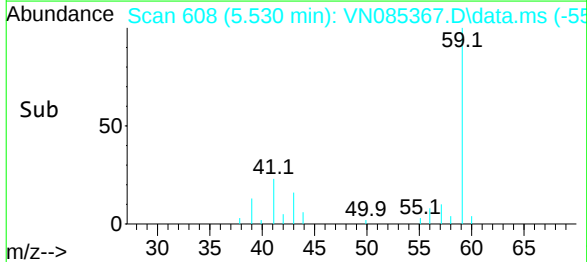
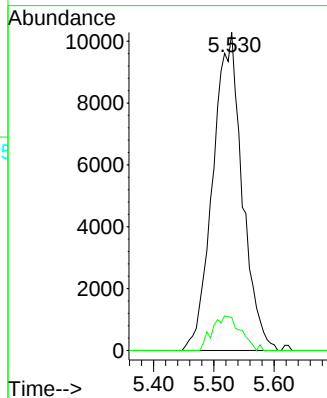
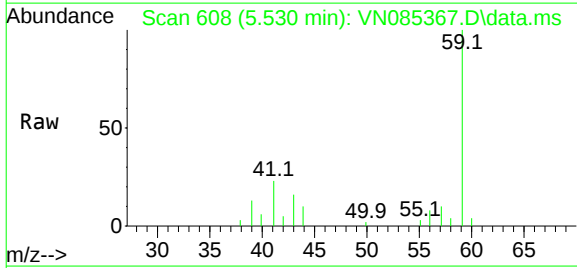
57 10.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 20.212 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

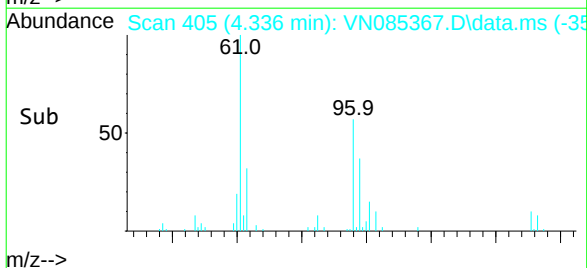
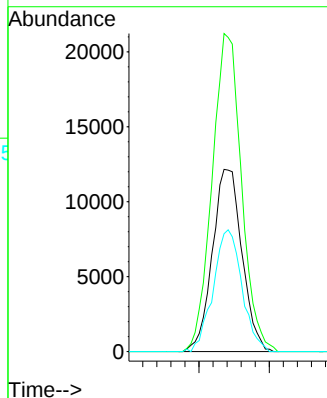
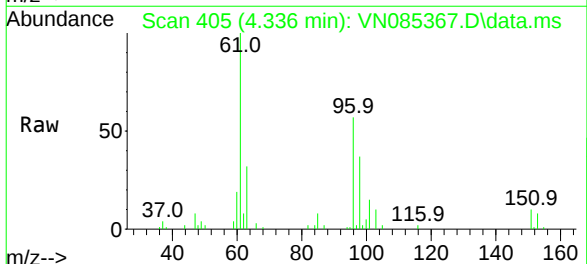
Tgt Ion: 96 Resp: 35514

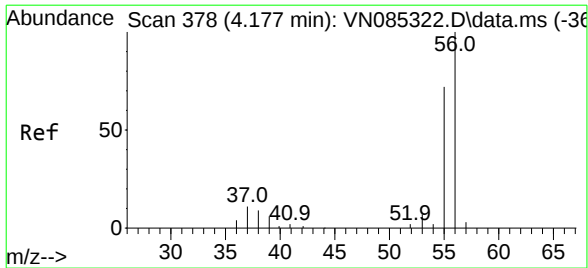
Ion Ratio Lower Upper

96 100

61 174.6 142.4 213.6

98 64.7 51.5 77.3





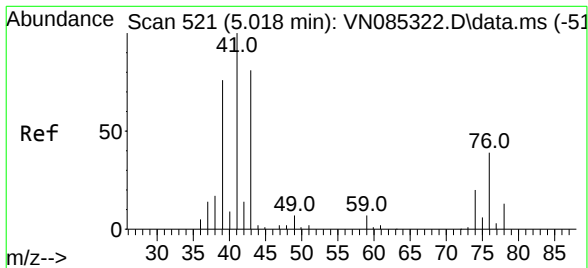
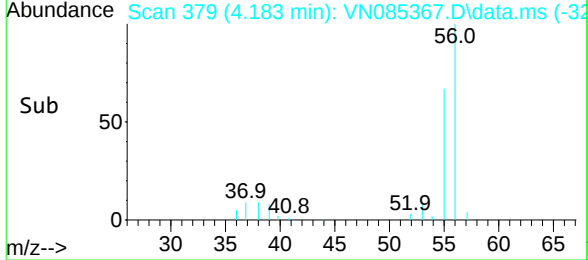
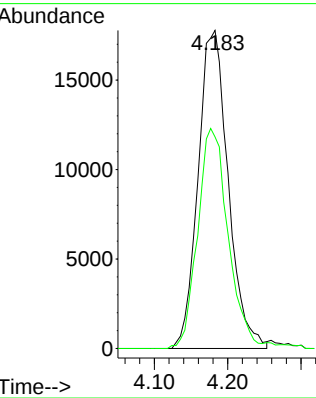
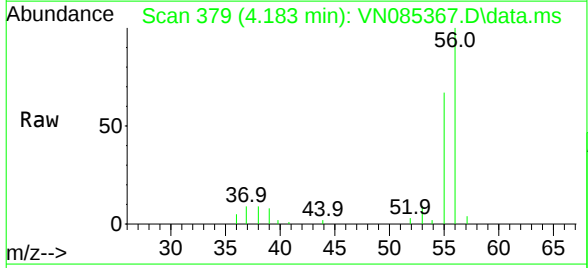
#13
Acrolein
Concen: 115.021 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.7	57.5	86.3

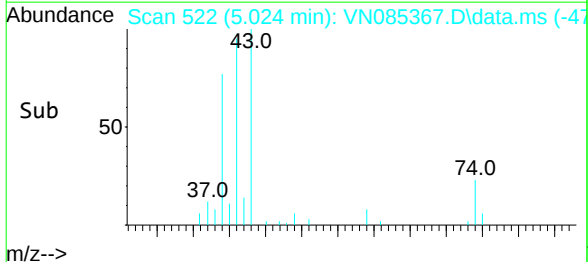
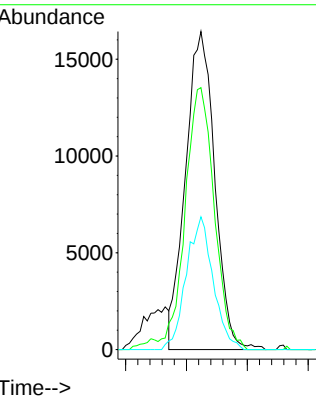
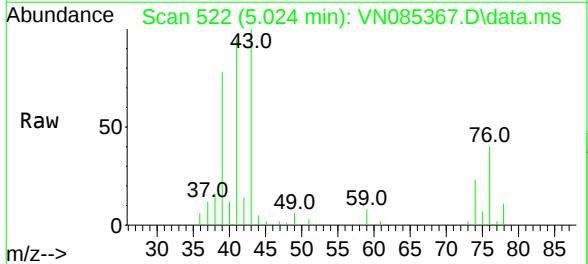
Manual Integrations
APPROVED

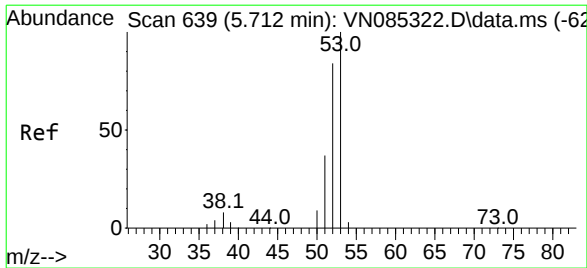
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 19.481 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

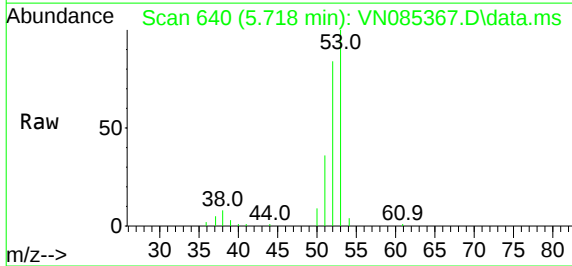
Tgt Ion	Ratio	Lower	Upper
41	100		
39	81.9	64.4	96.6
76	38.4	31.5	47.3





#15
Acrylonitrile
Concen: 121.550 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

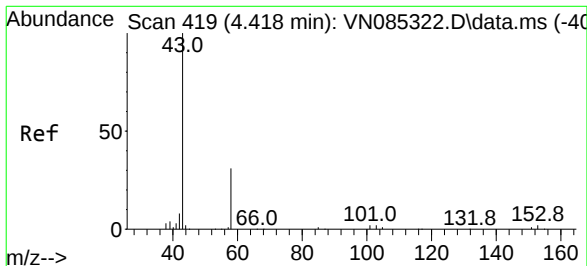
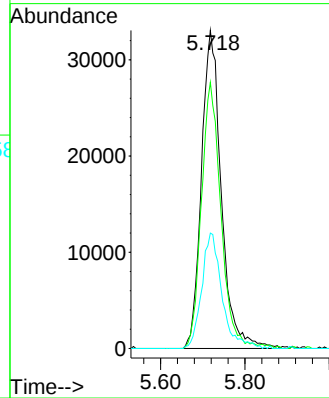
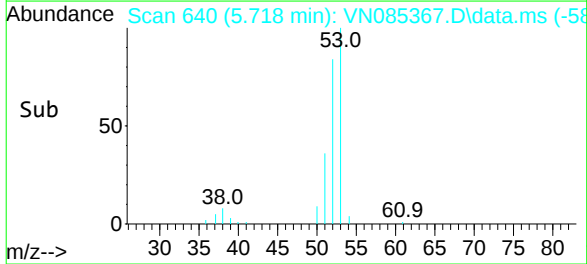
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



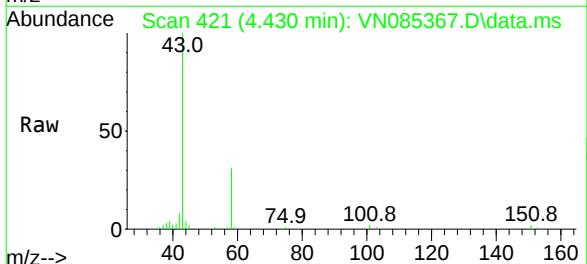
Tgt Ion: 53 Resp: 108032
Ion Ratio Lower Upper
53 100
52 81.9 66.6 100.0
51 37.0 29.6 44.4

Manual Integrations
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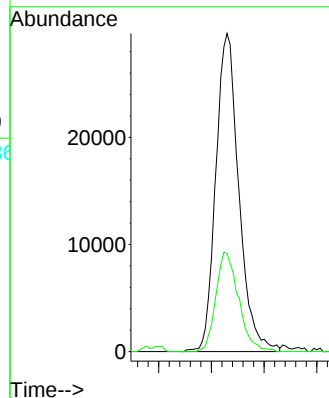
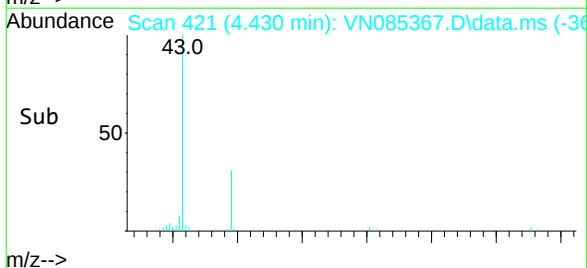
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

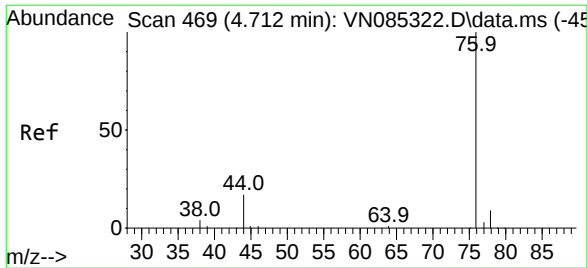


#16
Acetone
Concen: 121.541 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



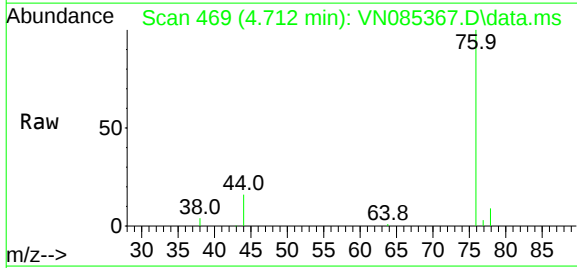
Tgt Ion: 43 Resp: 90129
Ion Ratio Lower Upper
43 100
58 30.8 24.5 36.7





#17
Carbon Disulfide
Concen: 18.504 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

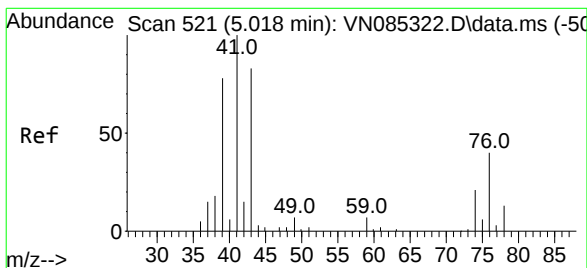
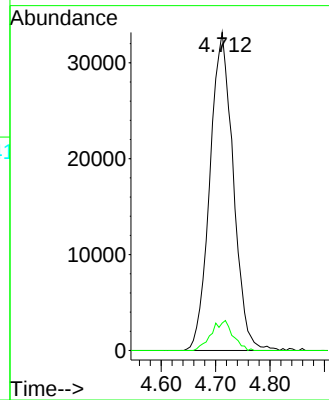
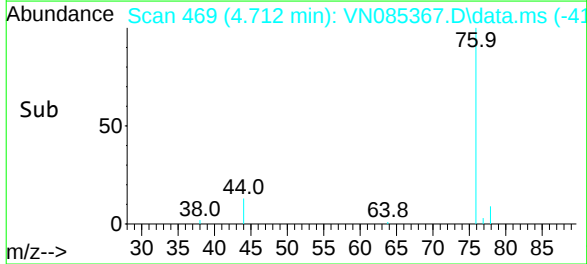
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



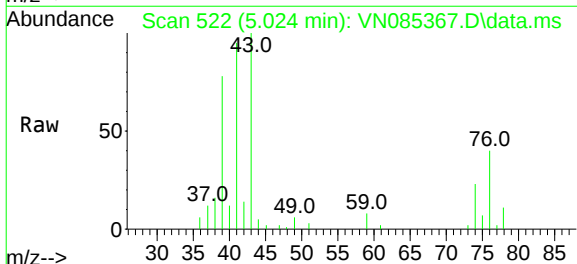
Tgt Ion: 76 Resp: 98906
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

Manual Integrations
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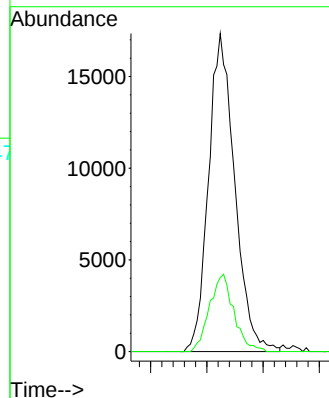
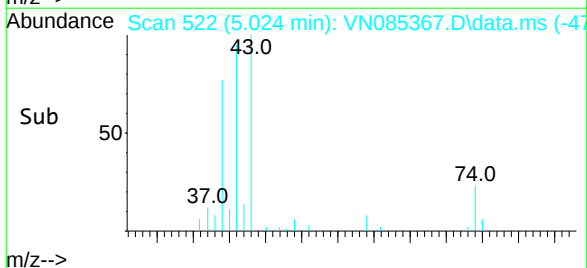
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

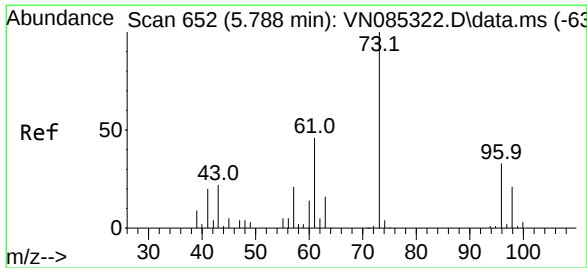


#18
Methyl Acetate
Concen: 24.742 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



Tgt Ion: 43 Resp: 56171
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.6





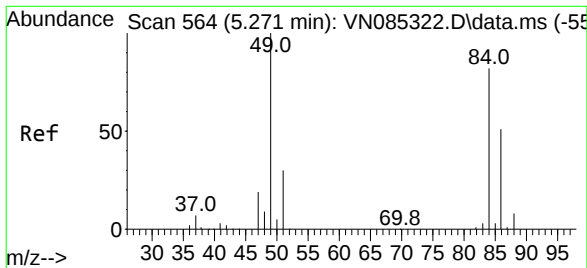
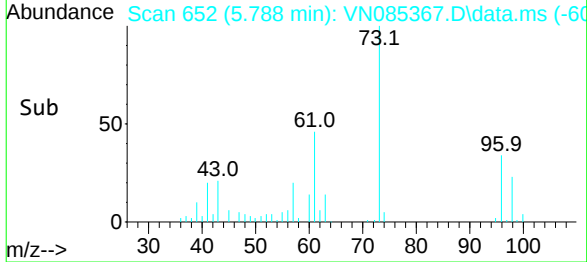
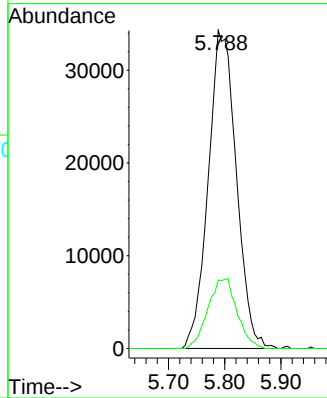
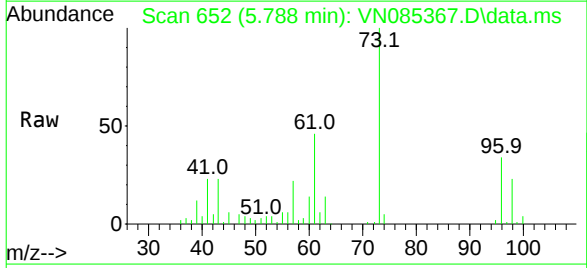
#19
Methyl tert-butyl Ether
Concen: 20.788 ug/l
RT: 5.788 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 73 Resp: 118718
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

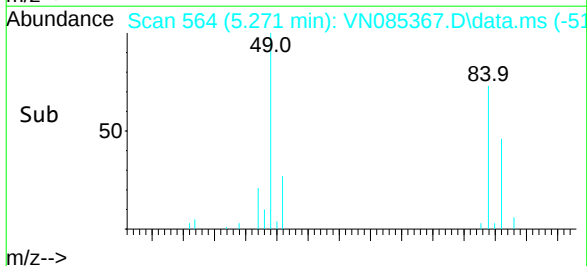
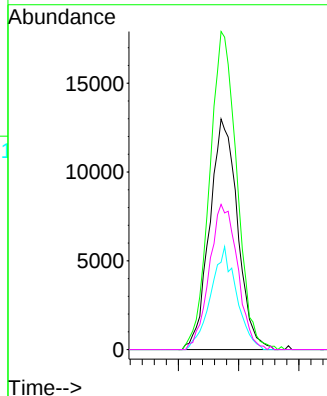
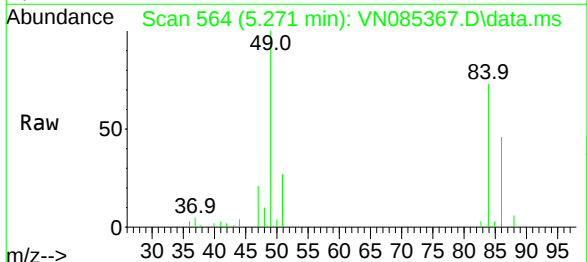
Manual Integrations
APPROVED

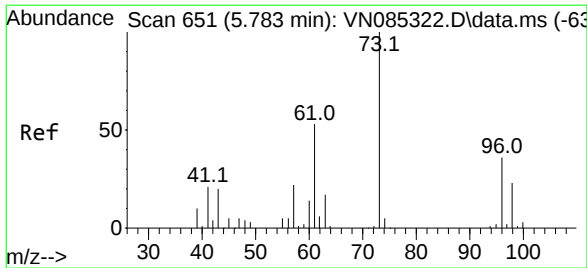
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#20
Methylene Chloride
Concen: 20.941 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

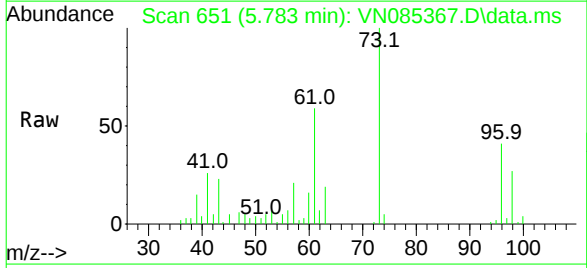
Tgt Ion: 84 Resp: 41769
Ion Ratio Lower Upper
84 100
49 137.9 97.6 146.4
51 37.9 29.1 43.7
86 63.0 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 20.437 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

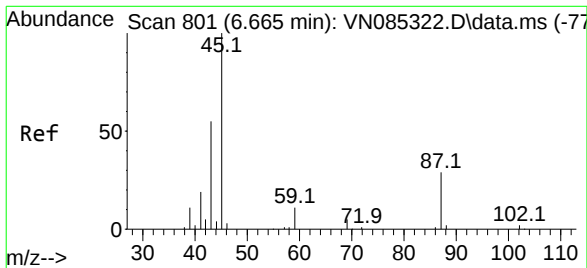
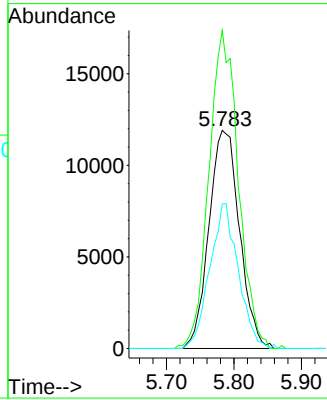
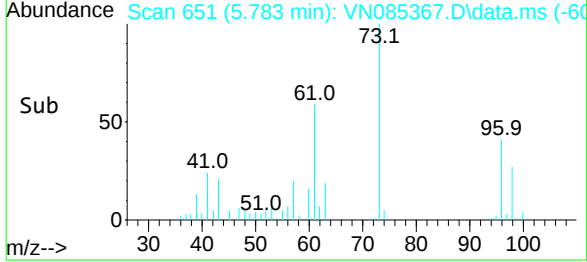
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



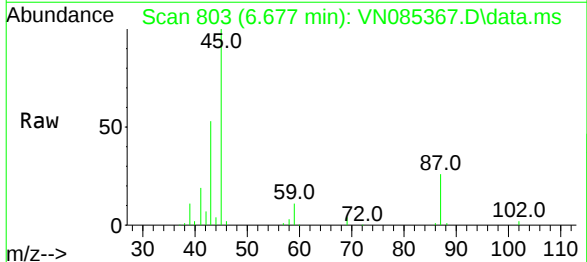
Tgt Ion: 96 Resp: 37510
Ion Ratio Lower Upper
96 100
61 145.8 118.0 177.0
98 66.3 50.6 75.8

Manual Integrations
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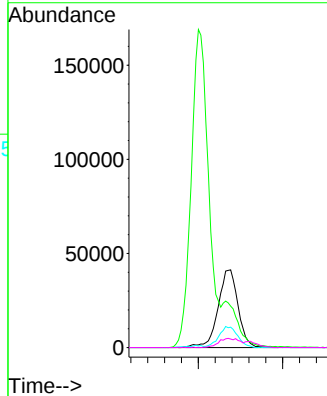
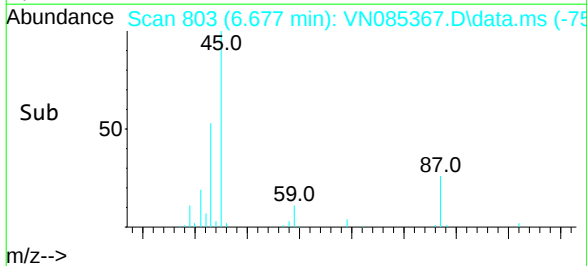
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

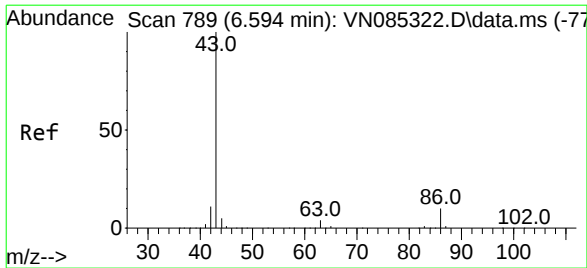


#22
Diisopropyl ether
Concen: 22.479 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.012 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



Tgt Ion: 45 Resp: 136221
Ion Ratio Lower Upper
45 100
43 52.3 44.1 66.1
87 26.3 23.2 34.8
59 11.0 9.0 13.6





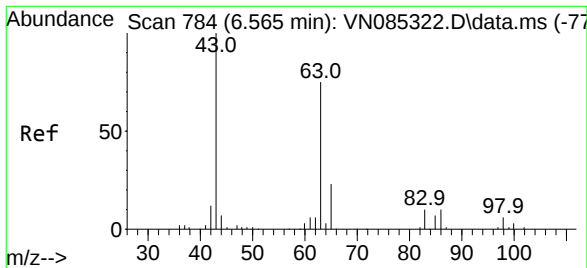
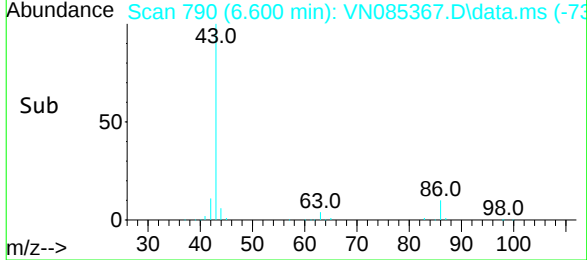
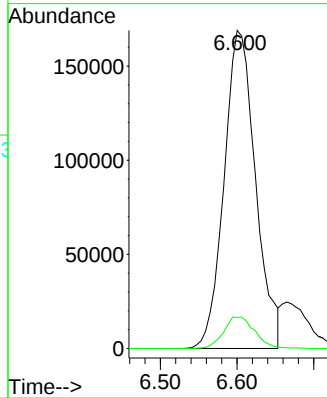
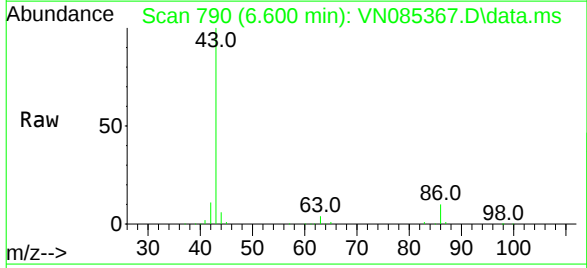
#23
 Vinyl Acetate
 Concen: 109.853 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBSD01

Tgt Ion: 43 Resp: 481568
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0

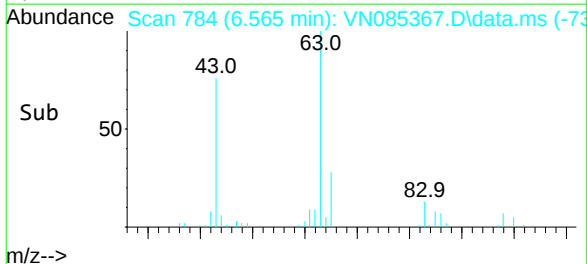
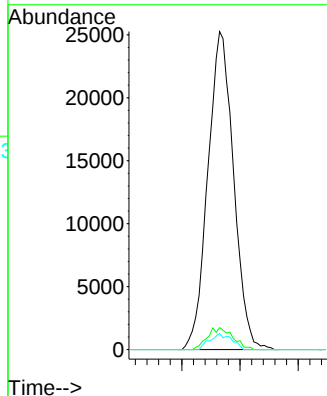
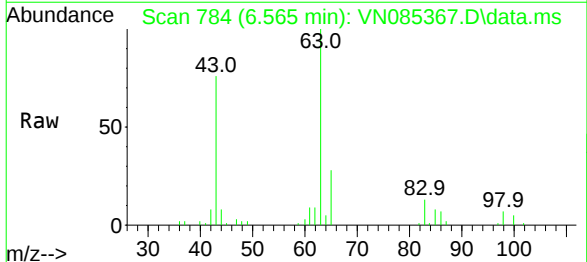
Manual Integrations
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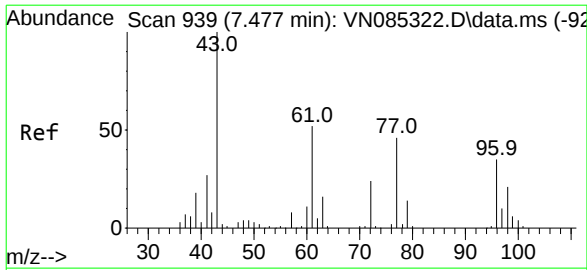
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#24
 1,1-Dichloroethane
 Concen: 21.253 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30

Tgt Ion: 63 Resp: 77580
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 5.1 2.3 6.8





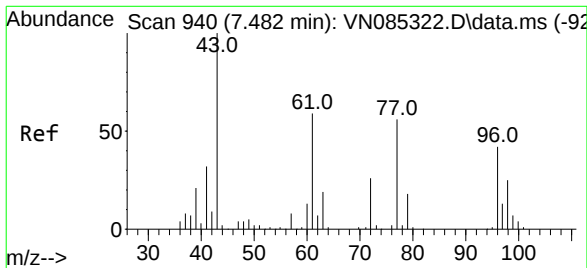
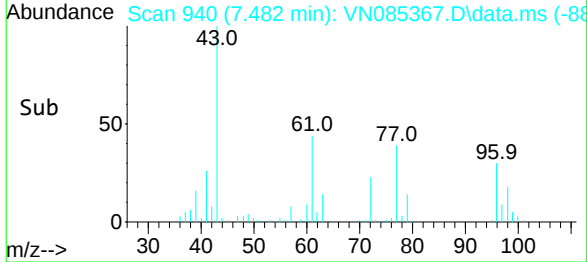
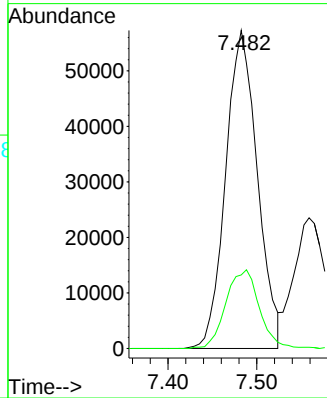
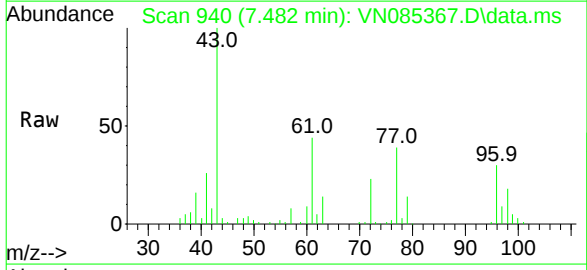
#25
2-Butanone
Concen: 123.640 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 43 Resp: 142241
Ion Ratio Lower Upper
43 100
72 23.1 19.6 29.4

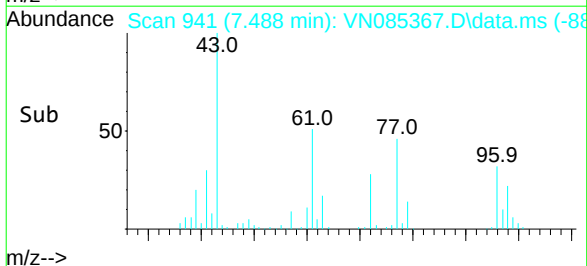
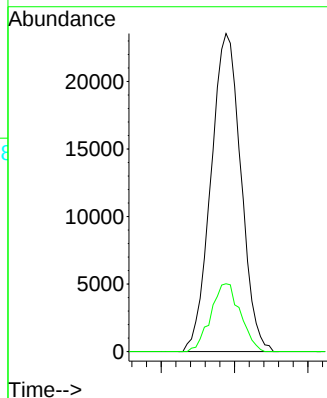
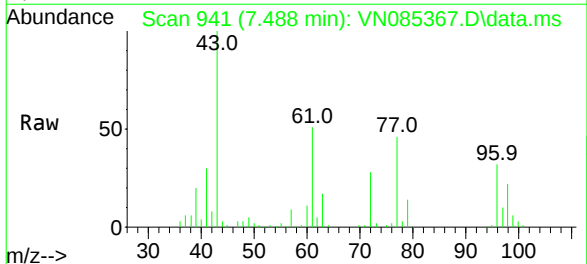
Manual Integrations
APPROVED

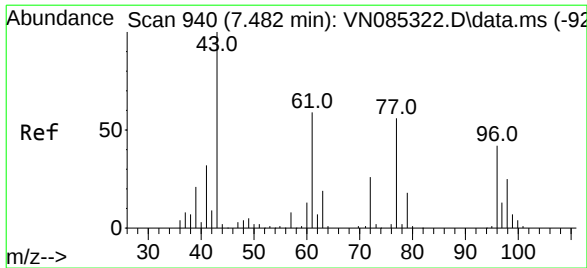
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 20.890 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

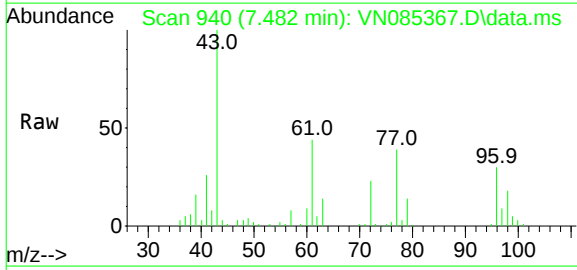
Tgt Ion: 77 Resp: 66807
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.892 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30

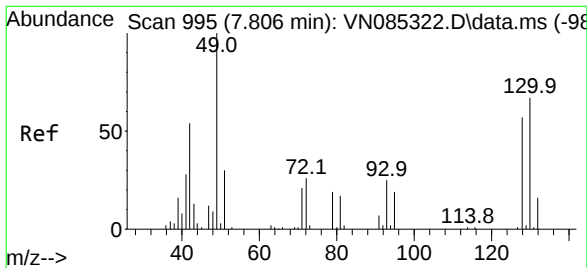
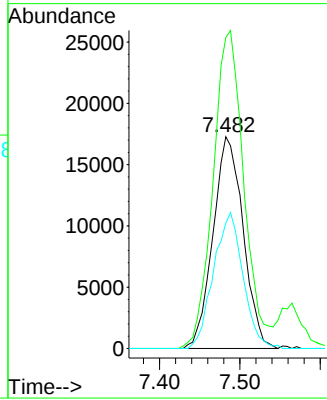
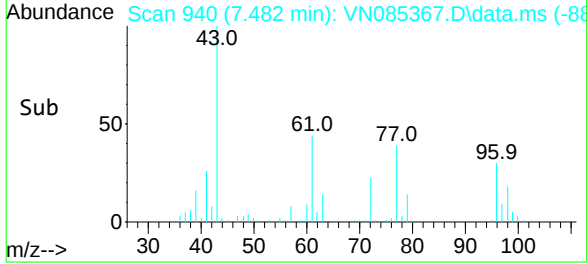
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBSD01



Tgt Ion: 96 Resp: 45006
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 296.4
 98 62.9 0.0 124.2

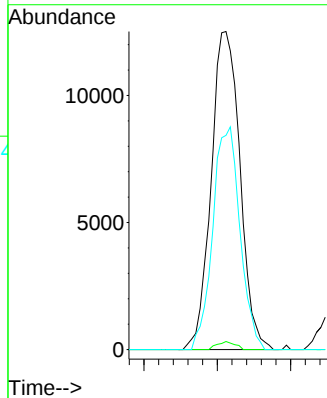
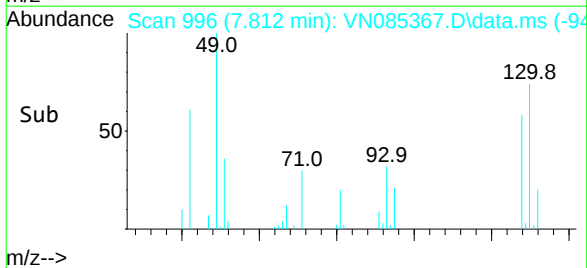
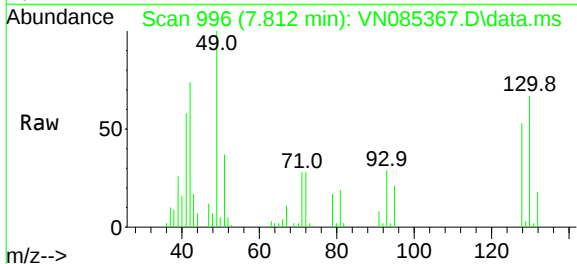
Manual Integrations
 APPROVED

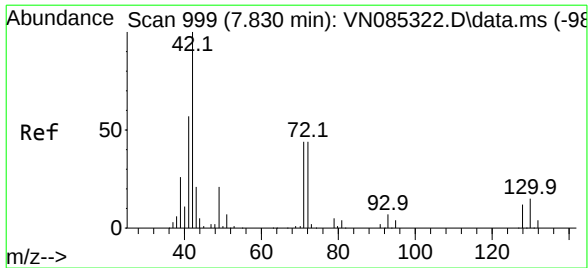
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#28
 Bromochloromethane
 Concen: 20.145 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30

Tgt Ion: 49 Resp: 34174
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 2.0
 130 66.0 0.0 0.0#





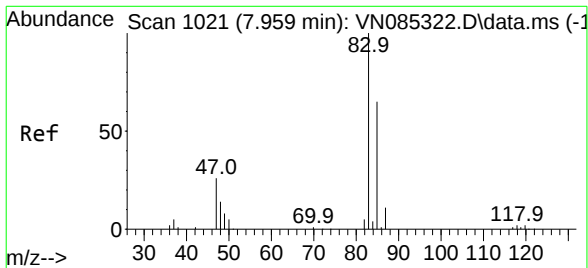
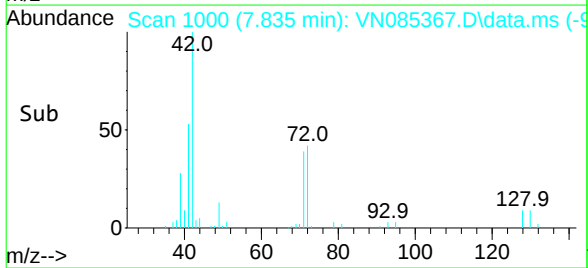
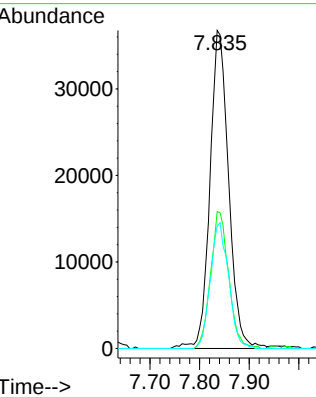
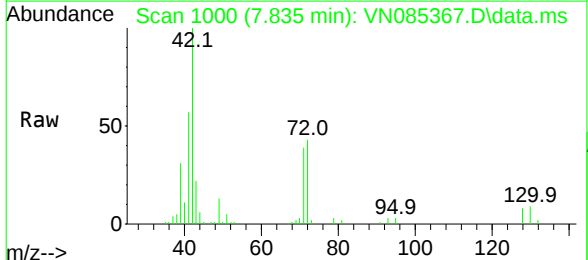
#29
Tetrahydrofuran
Concen: 129.755 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 42 Resp: 96156
Ion Ratio Lower Upper
42 100
72 41.7 35.1 52.7
71 38.6 33.4 50.0

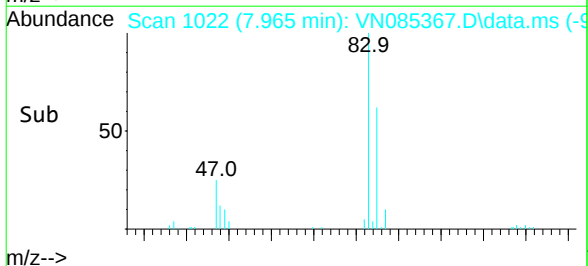
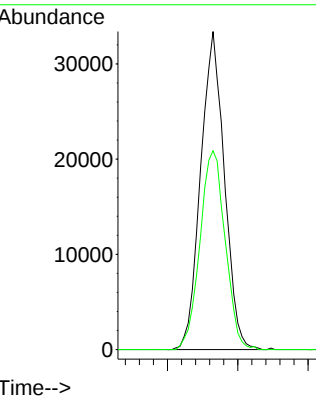
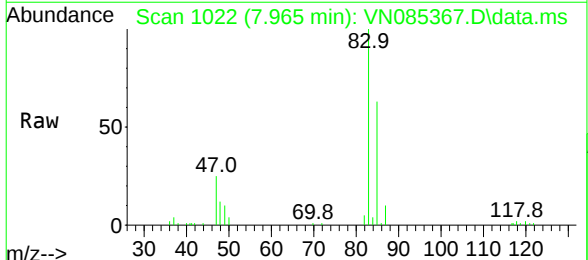
Manual Integrations
APPROVED

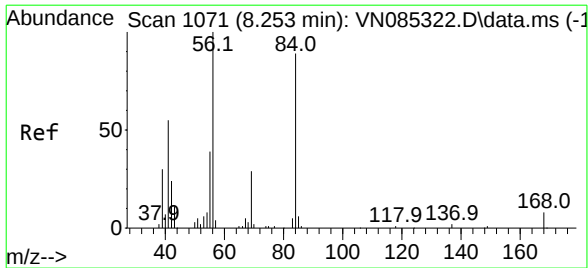
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 20.966 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

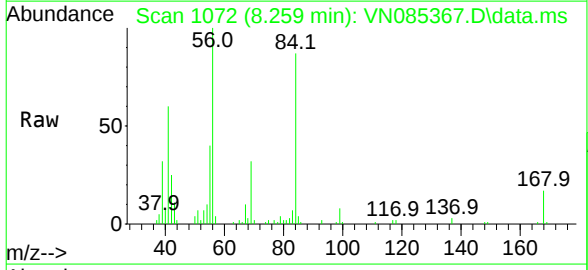
Tgt Ion: 83 Resp: 78295
Ion Ratio Lower Upper
83 100
85 62.5 52.0 78.0





#31
Cyclohexane
Concen: 18.894 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

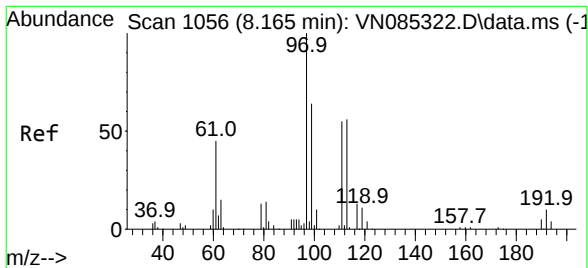
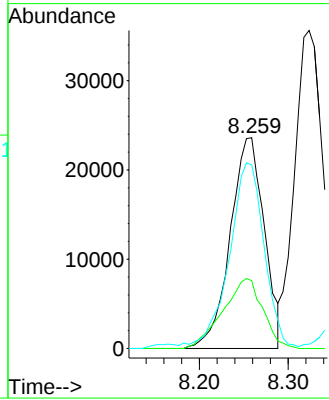
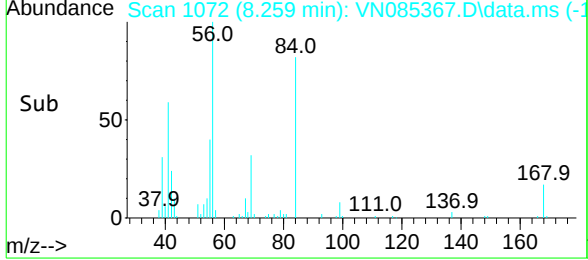
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



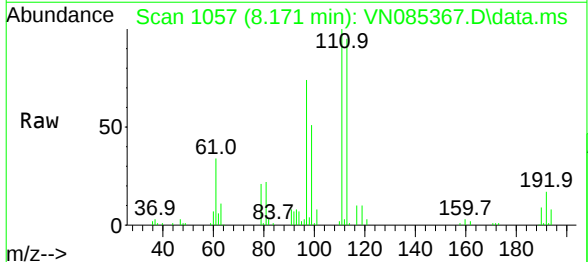
Tgt Ion: 56 Resp: 62980
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.0
84 85.7 71.0 106.6

Manual Integrations
APPROVED

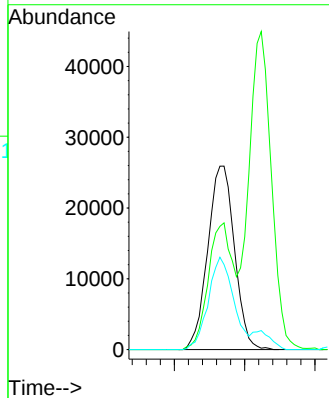
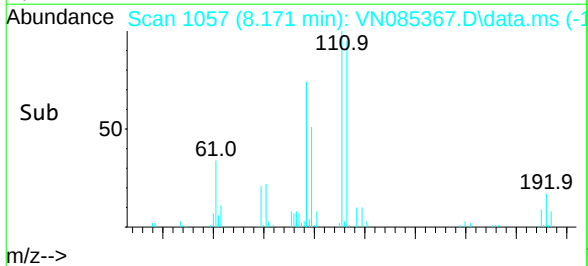
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

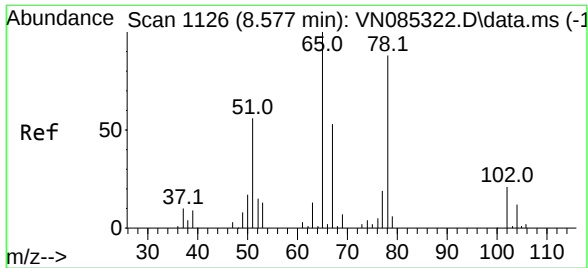


#32
1,1,1-Trichloroethane
Concen: 20.532 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



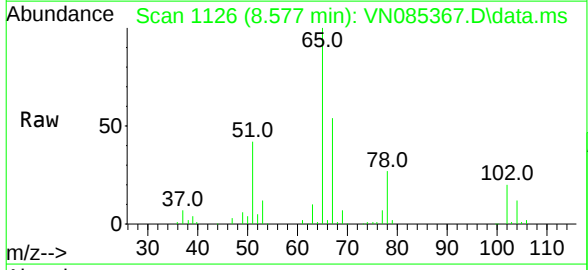
Tgt Ion: 97 Resp: 68477
Ion Ratio Lower Upper
97 100
99 63.4 53.3 79.9
61 47.8 39.6 59.4





#33
1,2-Dichloroethane-d4
Concen: 50.580 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

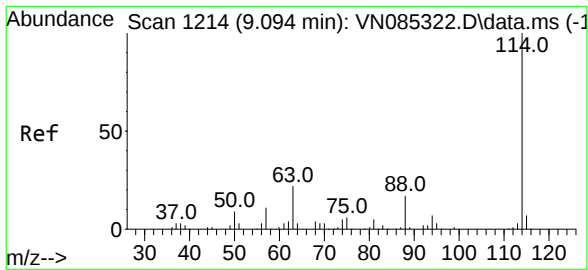
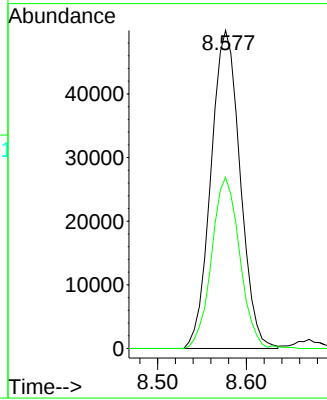
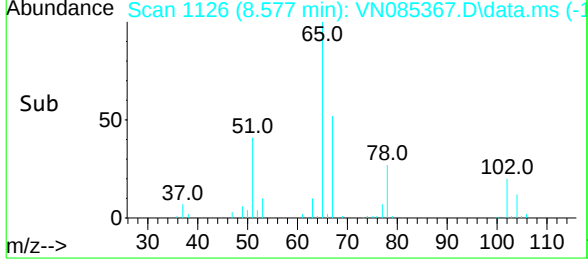
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



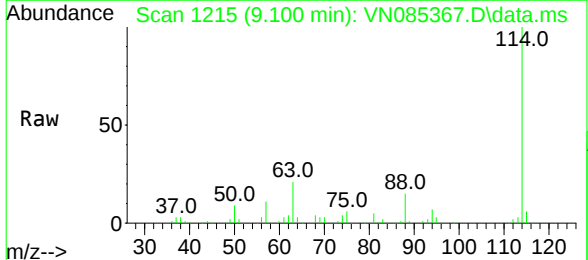
Tgt Ion: 65 Resp: 114065
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

Manual Integrations
APPROVED

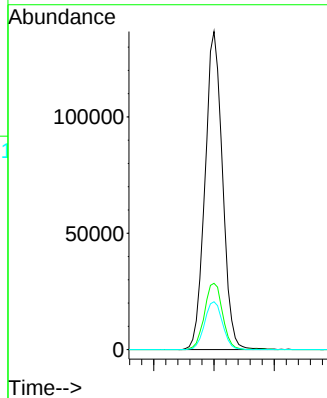
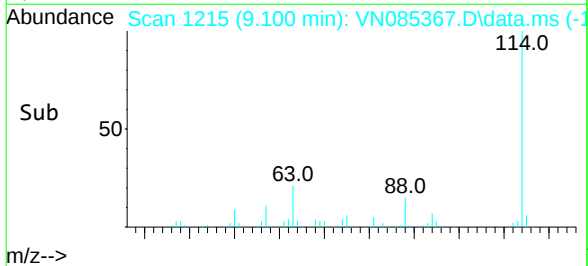
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

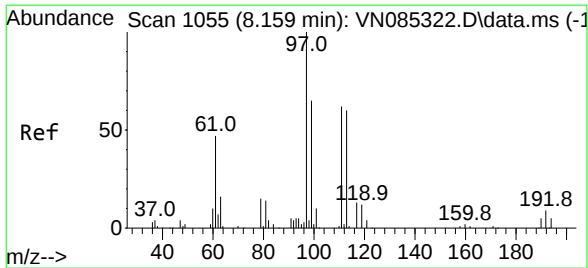


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



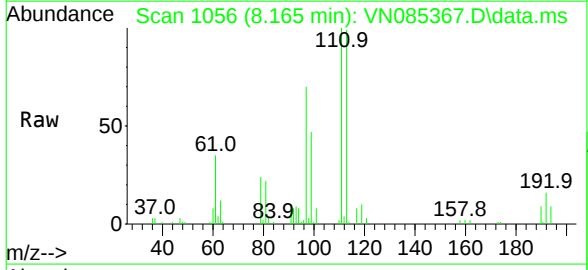
Tgt Ion:114 Resp: 275503
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 15.1 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 50.020 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30

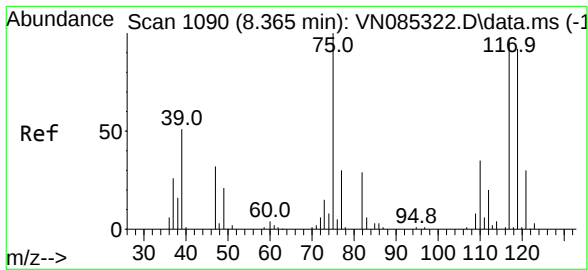
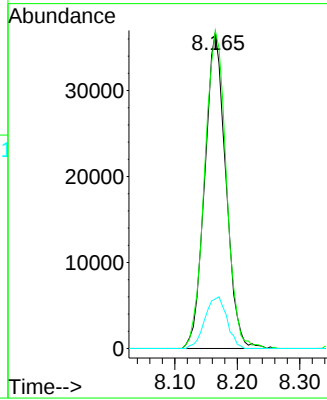
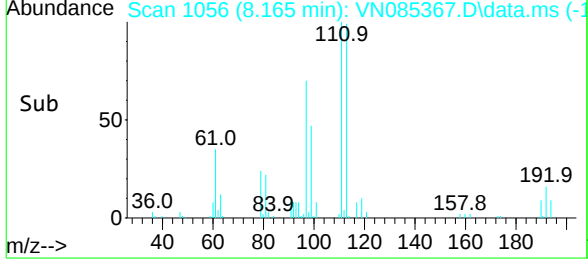
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBSD01



Tgt Ion:	113	Resp:	85972
Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.5	120.7
192	17.1	12.9	19.3

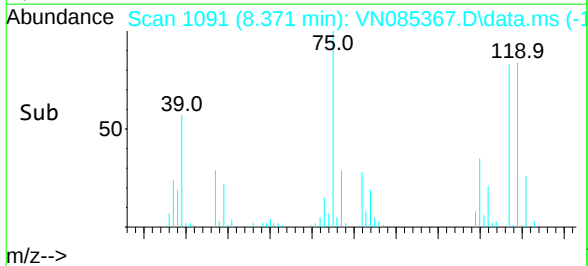
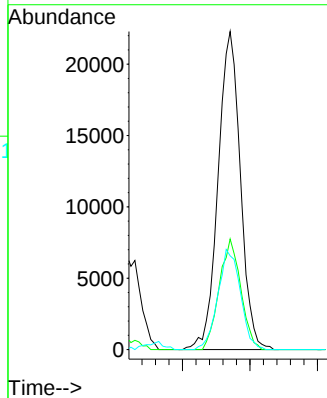
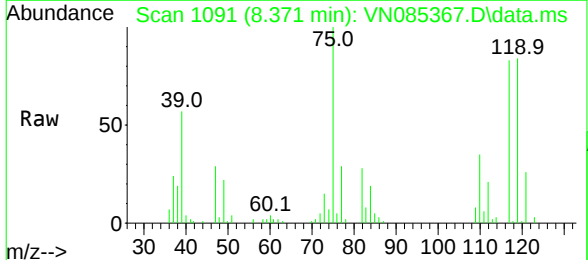
Manual Integrations
 APPROVED

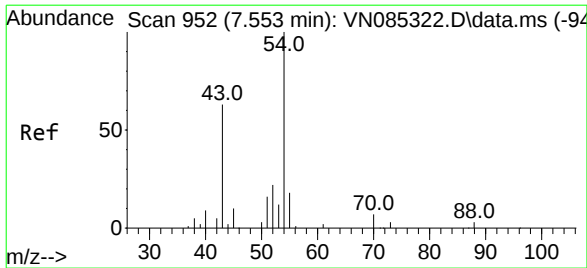
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#36
 1,1-Dichloropropene
 Concen: 20.337 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30

Tgt Ion:	75	Resp:	51178
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.6	49.8
77	31.9	24.3	36.5





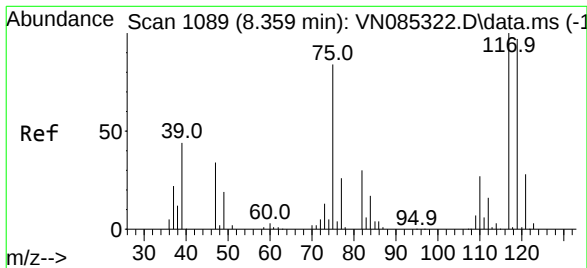
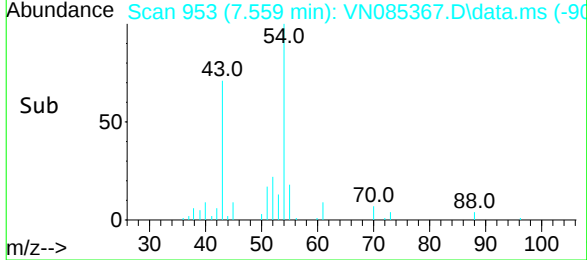
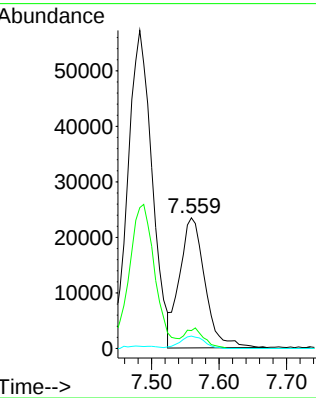
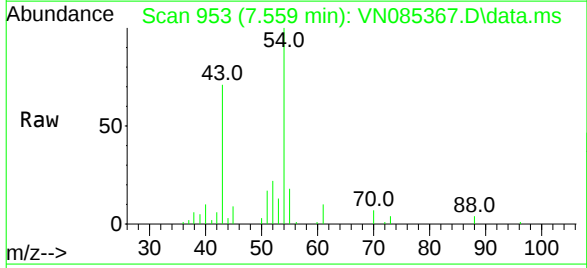
#37
Ethyl Acetate
Concen: 24.484 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion:	43	Resp:	61241
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.4	15.6
70	9.0	8.2	12.2

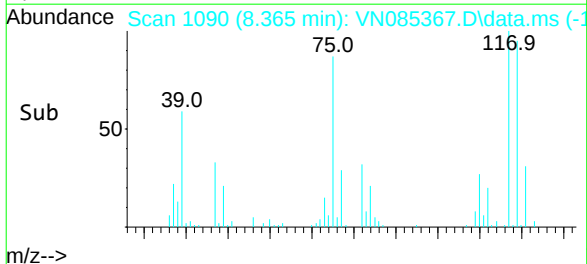
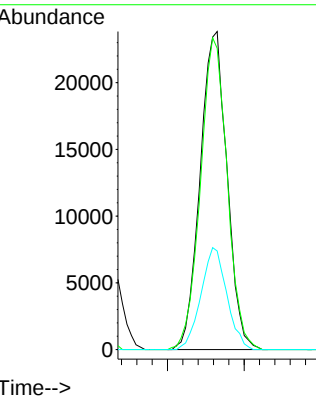
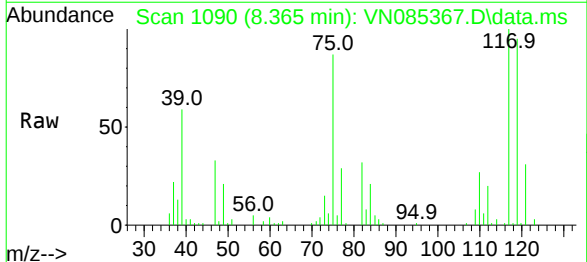
Manual Integrations
APPROVED

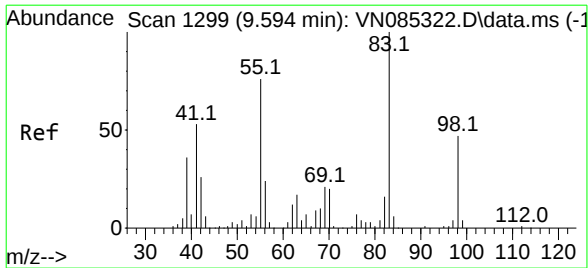
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 21.129 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

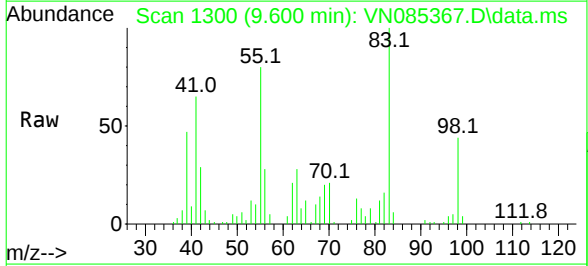
Tgt Ion:	117	Resp:	57956
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.6
121	31.0	22.5	33.7





#39
Methylcyclohexane
Concen: 19.577 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

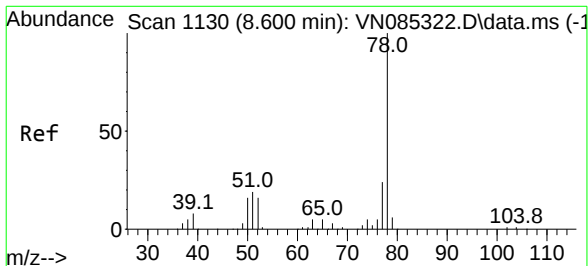
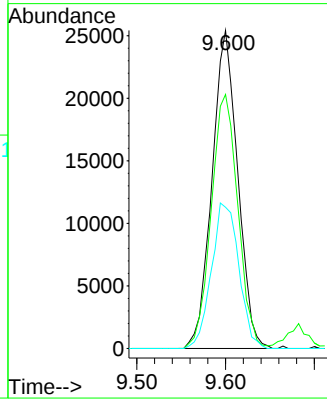
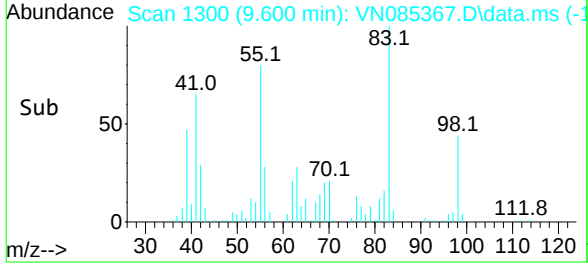
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



Tgt Ion: 83 Resp: 51116
Ion Ratio Lower Upper
83 100
55 79.9 60.7 91.1
98 44.4 37.7 56.5

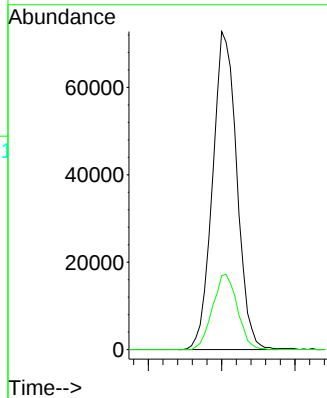
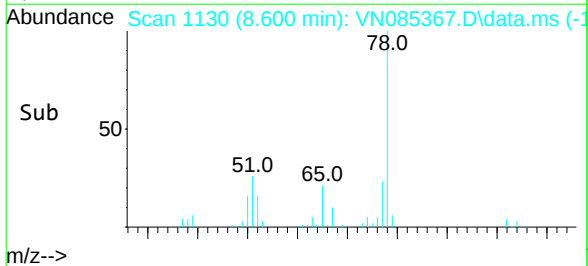
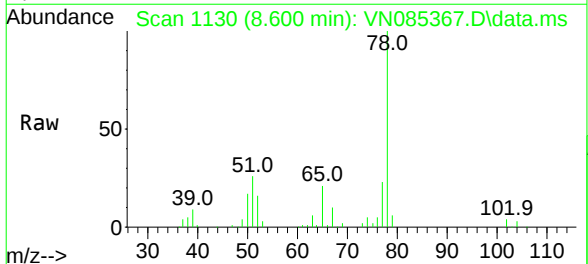
Manual Integrations
APPROVED

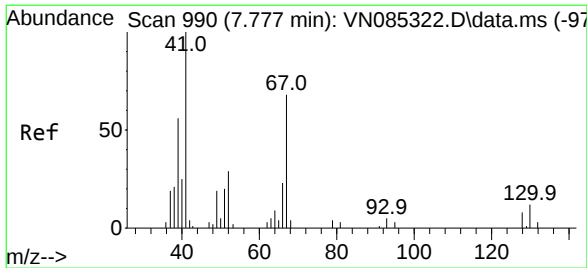
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 21.915 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion: 78 Resp: 166743
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





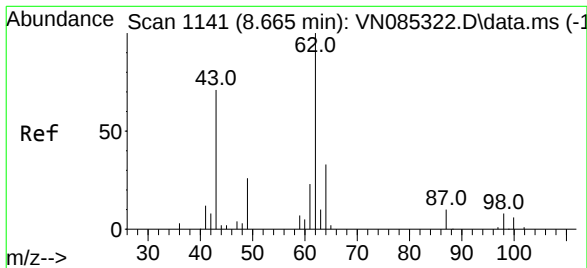
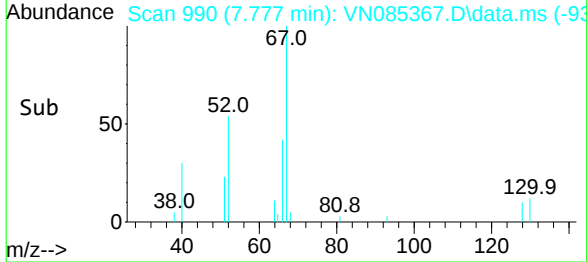
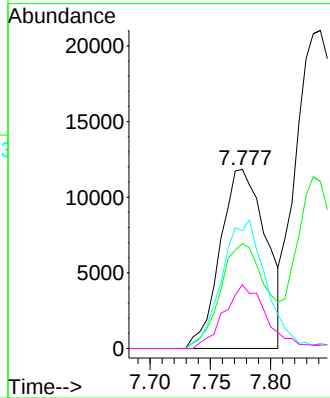
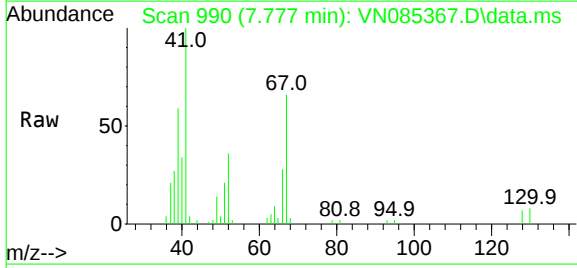
#41
Methacrylonitrile
Concen: 24.376 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion:	41	Resp:	31226
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.8
67	69.6	57.1	85.7
52	33.4	25.1	37.7

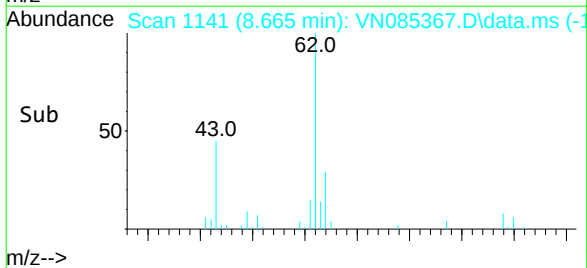
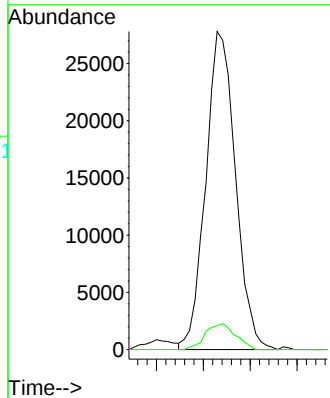
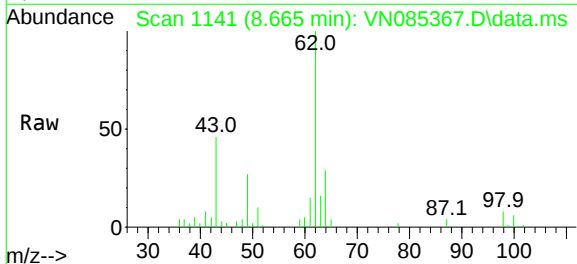
Manual Integrations
APPROVED

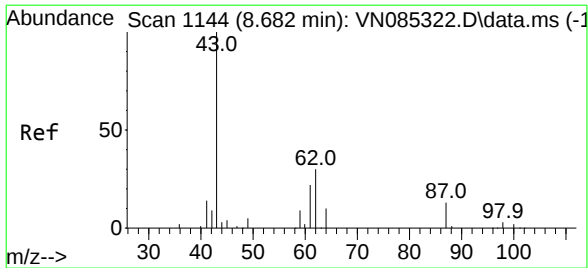
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 22.477 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion:	62	Resp:	61314
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6





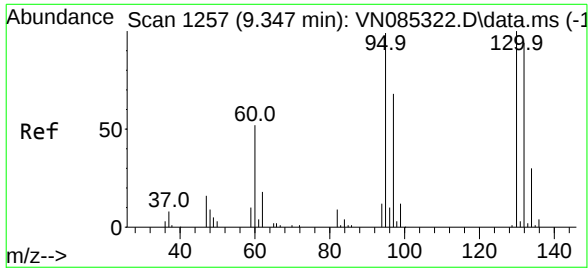
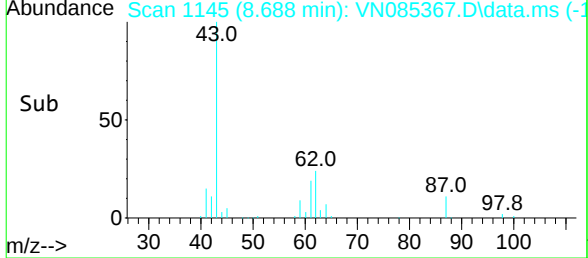
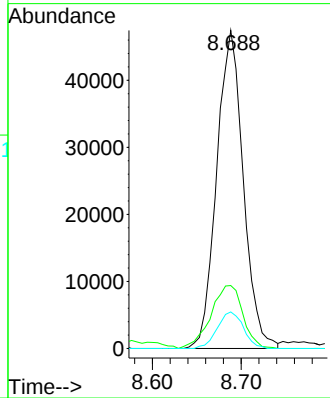
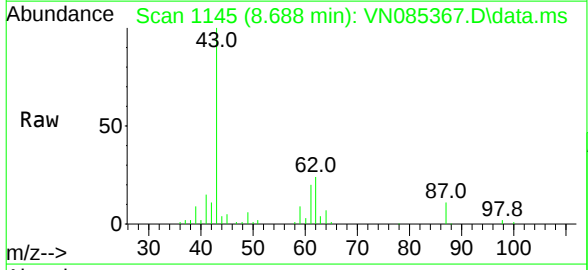
#43
Isopropyl Acetate
Concen: 23.979 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument : MSVOA_N
ClientSampleId : VN1231WBSD01

Tgt Ion:	43	Resp:	98760
Ion	Ratio	Lower	Upper
43	100		
61	23.8	20.8	31.2
87	11.3	10.2	15.4

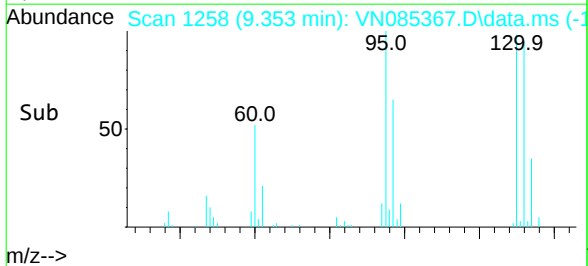
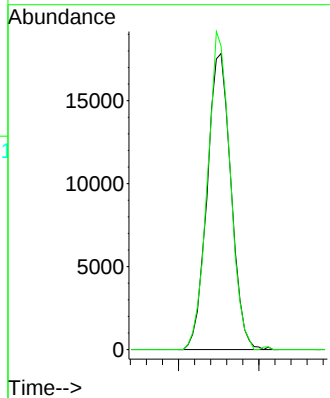
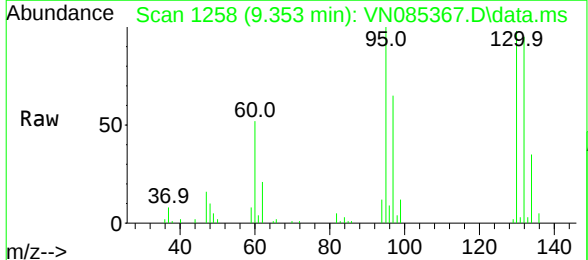
Manual Integrations
APPROVED

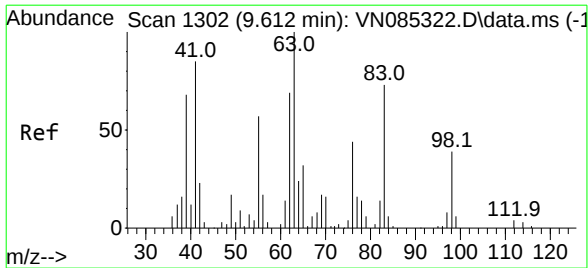
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#44
Trichloroethene
Concen: 20.483 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion:	130	Resp:	36896
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	197.8





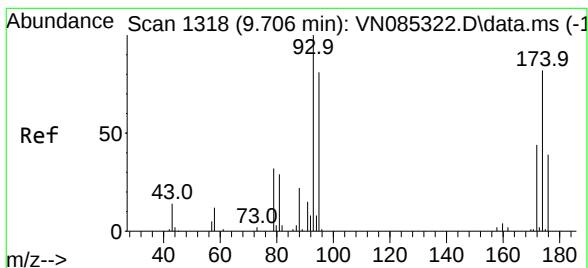
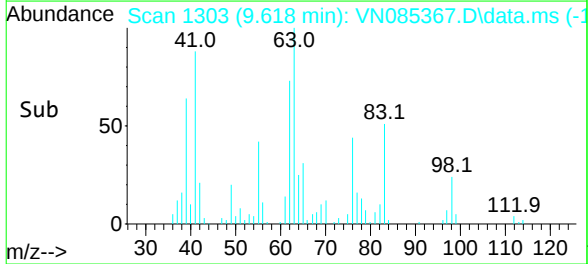
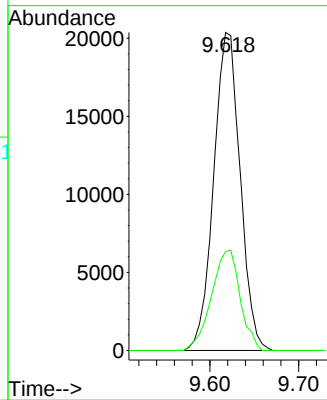
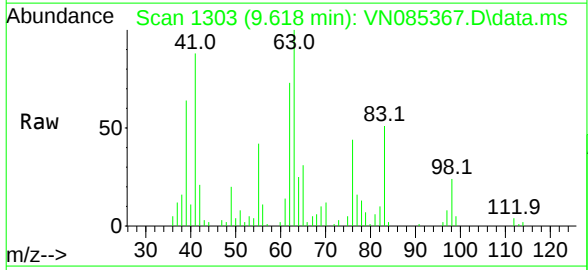
#45
1,2-Dichloropropane
Concen: 21.817 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 63 Resp: 42138
Ion Ratio Lower Upper
63 100
65 31.1 25.5 38.3

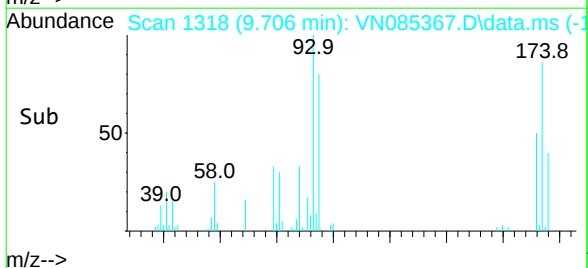
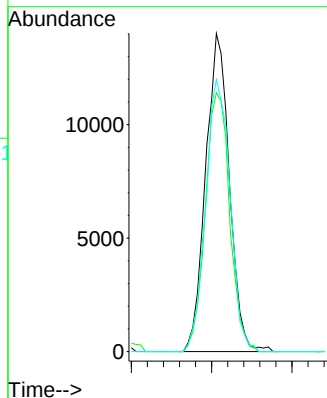
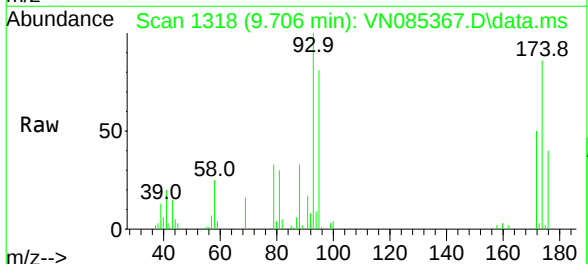
Manual Integrations
APPROVED

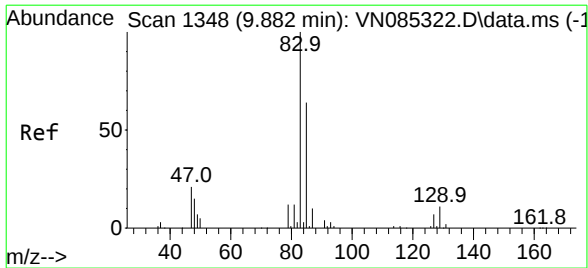
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 21.398 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion: 93 Resp: 28743
Ion Ratio Lower Upper
93 100
95 83.6 65.3 97.9
174 88.2 66.4 99.6





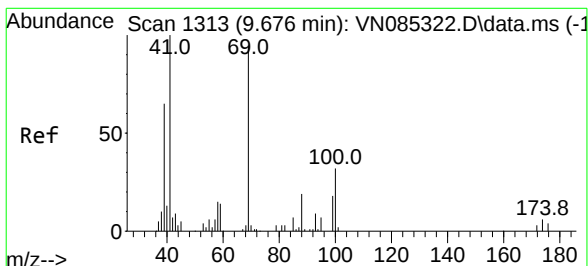
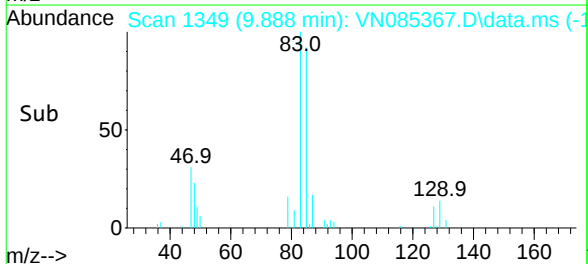
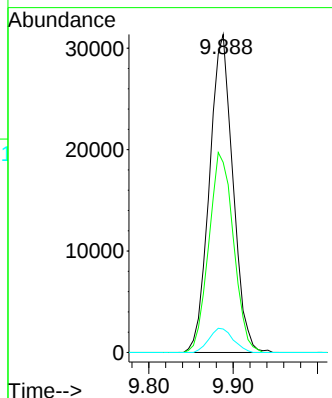
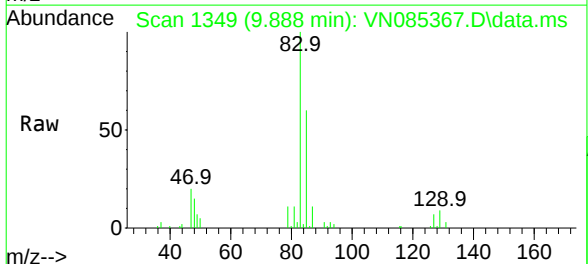
#47
Bromodichloromethane
Concen: 21.690 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion:	83	Resp:	60555
Ion Ratio	Lower	Upper	
83	100		
85	59.8	51.0	76.4
127	7.4	5.8	8.6

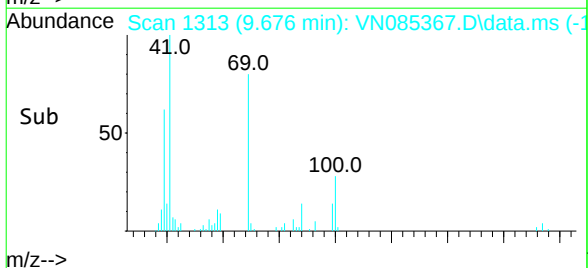
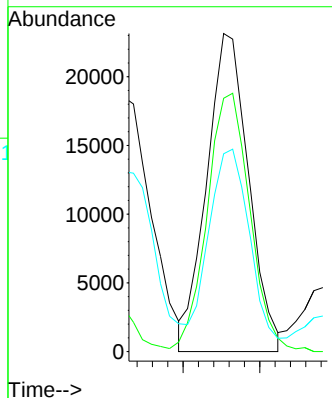
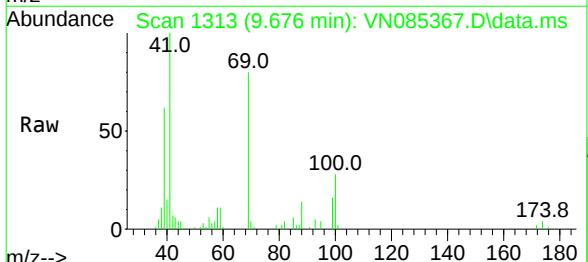
Manual Integrations
APPROVED

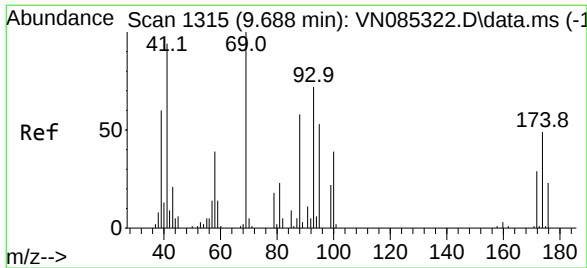
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 24.556 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

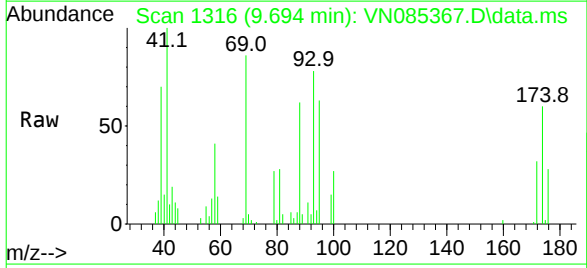
Tgt Ion:	41	Resp:	43885
Ion Ratio	Lower	Upper	
41	100		
69	83.0	67.7	101.5
39	62.7	51.2	76.8





#49
1,4-Dioxane
Concen: 551.335 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

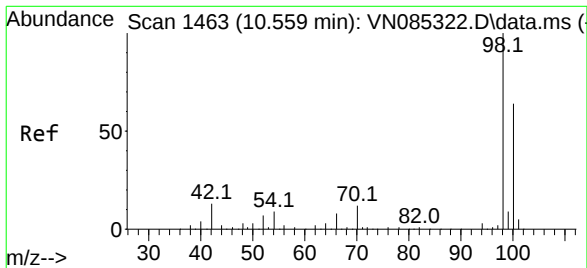
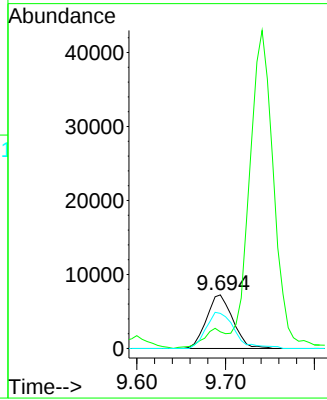
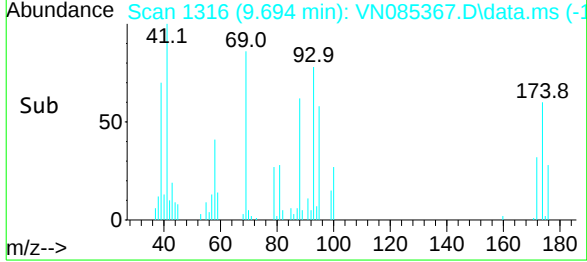
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



Tgt Ion: 88 Resp: 14866
Ion Ratio Lower Upper
88 100
43 30.4 22.1 33.1
58 73.4 56.7 85.1

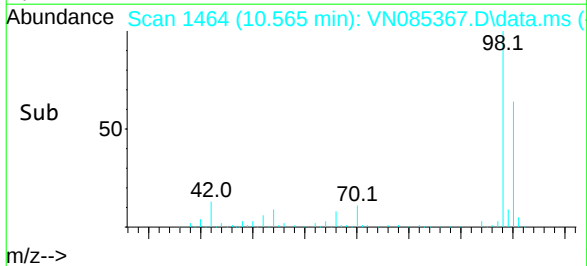
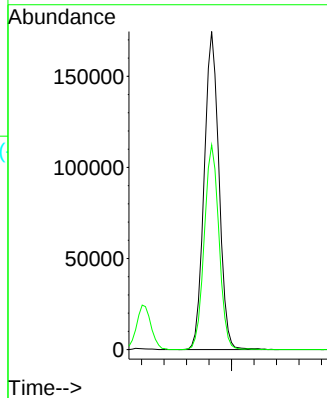
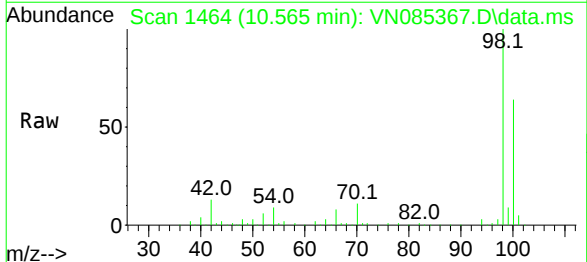
Manual Integrations
APPROVED

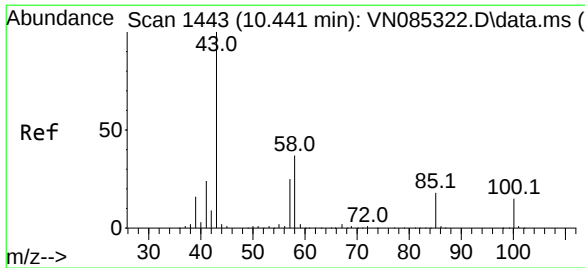
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 50.523 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion: 98 Resp: 318647
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





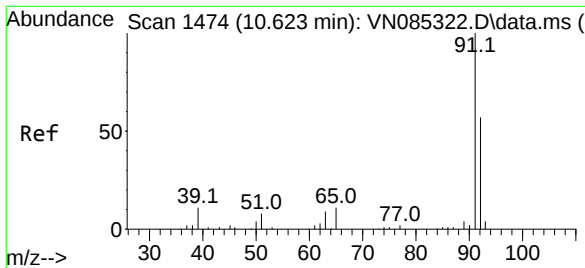
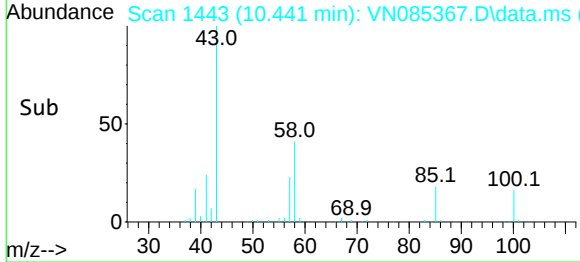
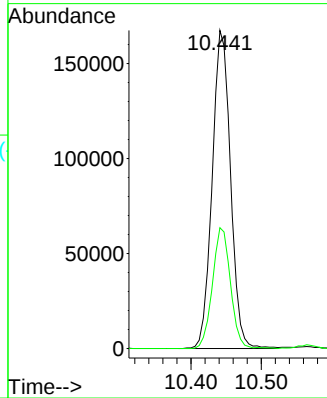
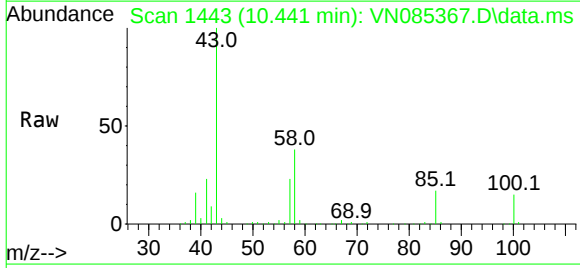
#51
4-Methyl-2-Pentanone
Concen: 130.999 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 43 Resp: 303197
Ion Ratio Lower Upper
43 100
58 37.3 30.3 45.5

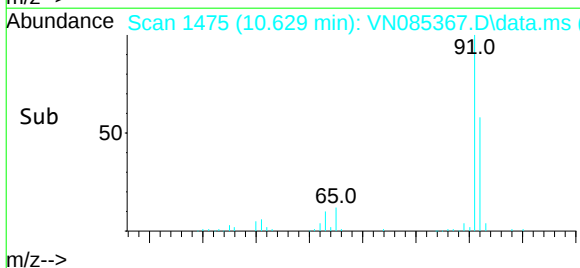
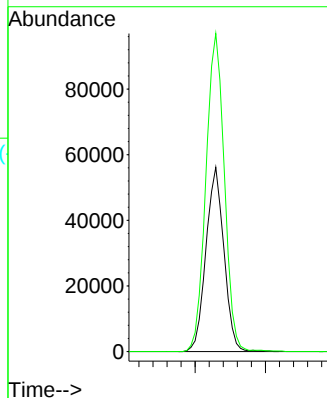
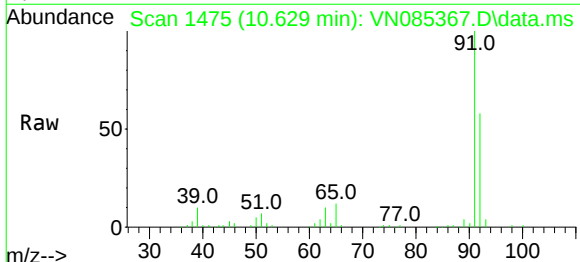
Manual Integrations
APPROVED

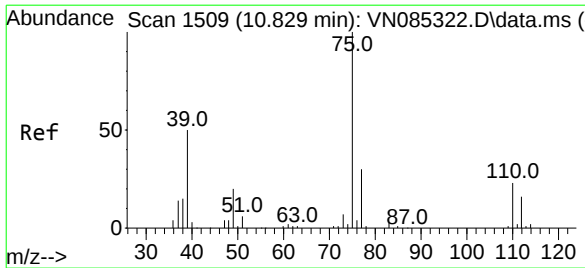
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 22.048 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

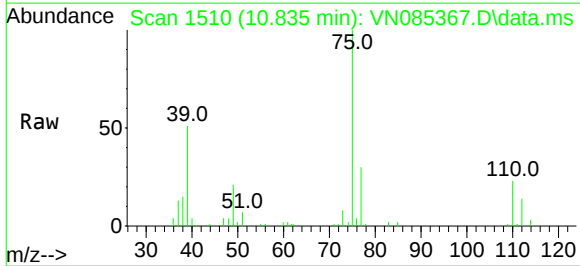
Tgt Ion: 92 Resp: 99887
Ion Ratio Lower Upper
92 100
91 176.9 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 21.040 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

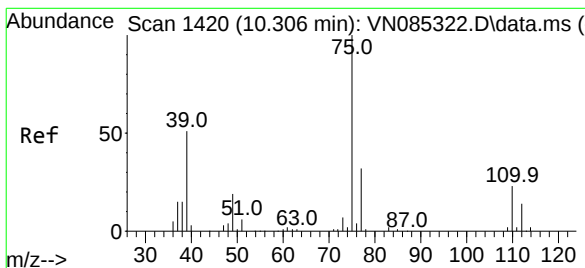
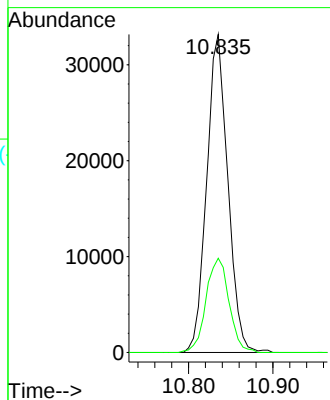
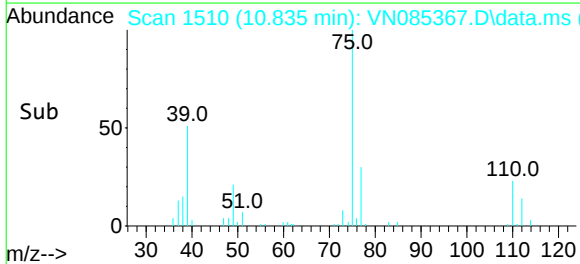
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



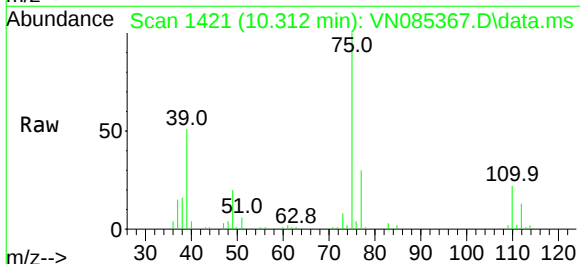
Tgt Ion: 75 Resp: 57766
Ion Ratio Lower Upper
75 100
77 29.6 23.8 35.6

Manual Integrations
APPROVED

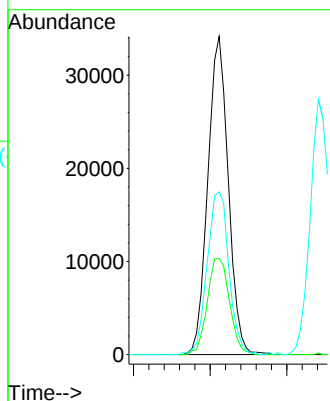
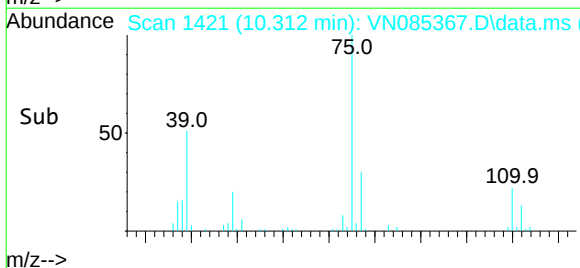
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

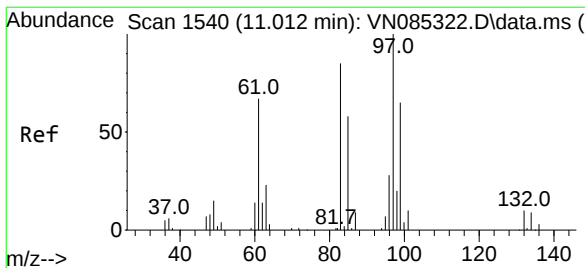


#54
cis-1,3-Dichloropropene
Concen: 21.336 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



Tgt Ion: 75 Resp: 63344
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 51.2 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 22.582 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085367.D

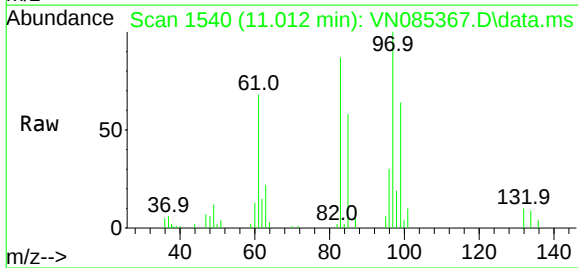
Acq: 31 Dec 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBSD01



Tgt Ion: 97 Resp: 38625

Ion Ratio Lower Upper

97 100

83 87.3 67.7 101.5

85 58.2 46.2 69.4

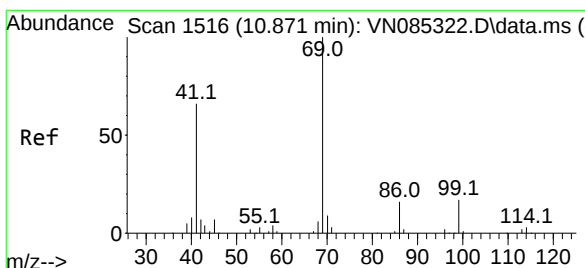
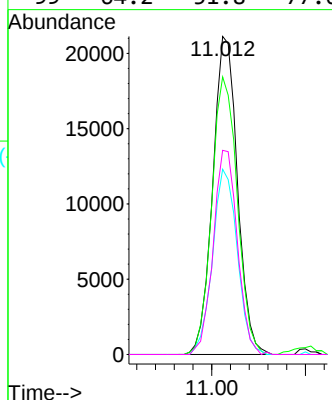
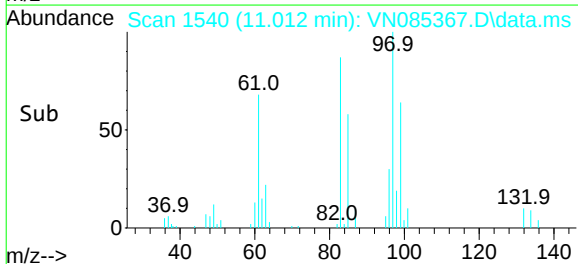
99 64.2 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#56

Ethyl methacrylate

Concen: 23.163 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

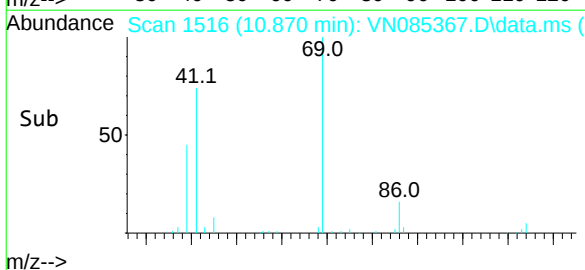
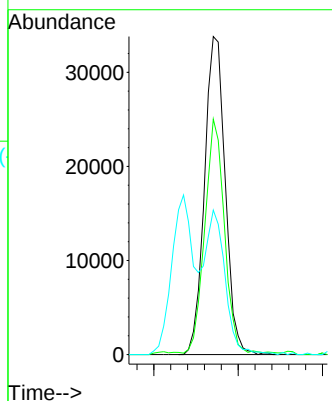
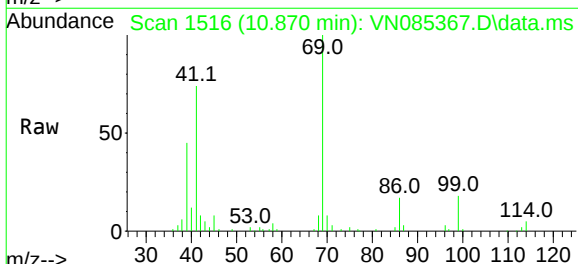
Tgt Ion: 69 Resp: 57700

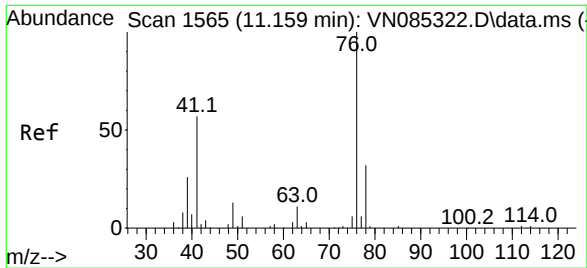
Ion Ratio Lower Upper

69 100

41 69.1 54.3 81.5

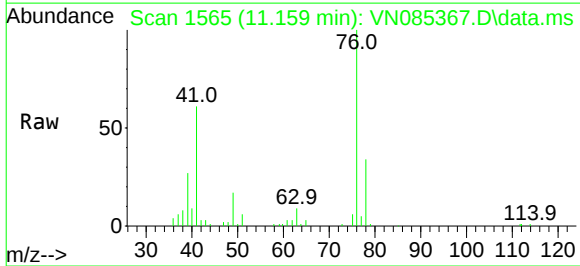
39 44.3 32.0 48.0





#57
1,3-Dichloropropane
Concen: 22.374 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

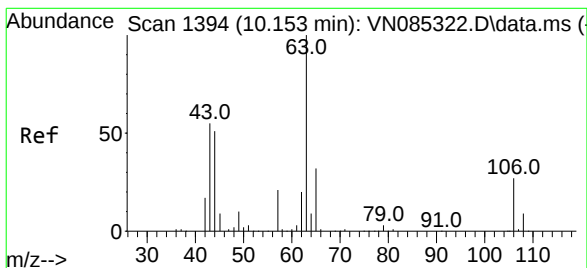
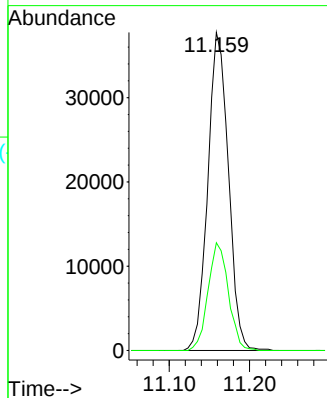
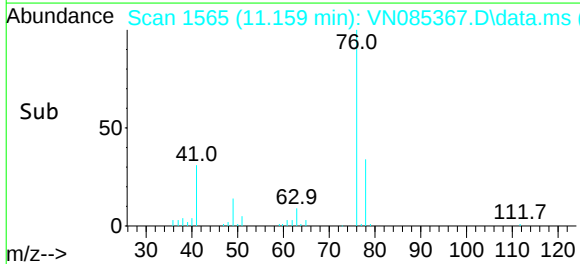
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



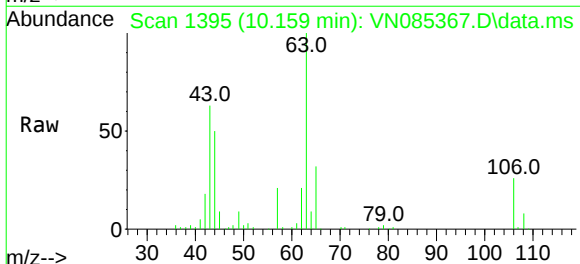
Tgt Ion: 76 Resp: 67168
Ion Ratio Lower Upper
76 100
78 33.5 25.5 38.3

Manual Integrations
APPROVED

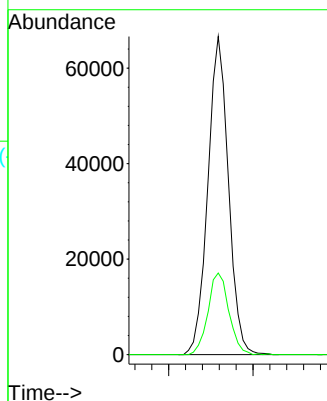
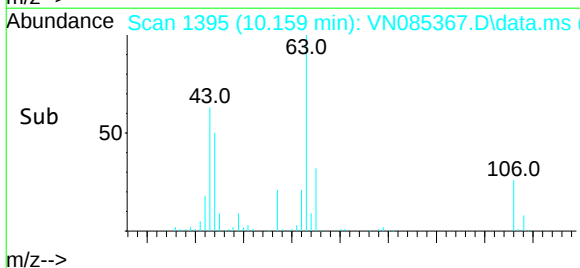
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

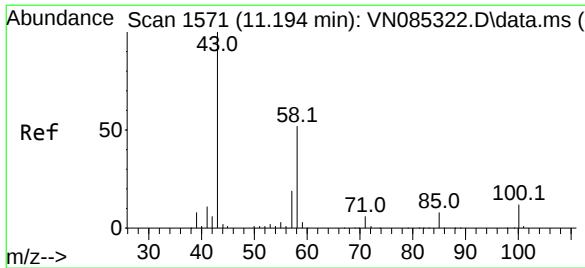


#58
2-Chloroethyl Vinyl ether
Concen: 93.595 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



Tgt Ion: 63 Resp: 112803
Ion Ratio Lower Upper
63 100
106 26.1 22.1 33.1





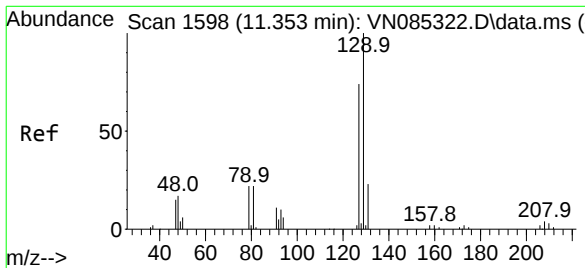
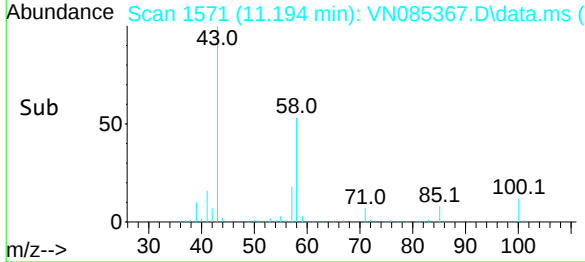
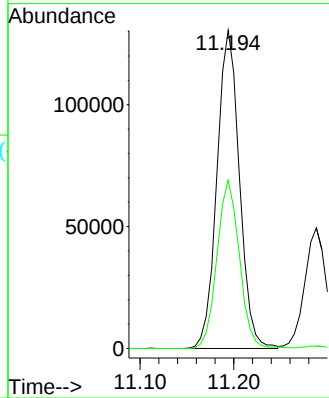
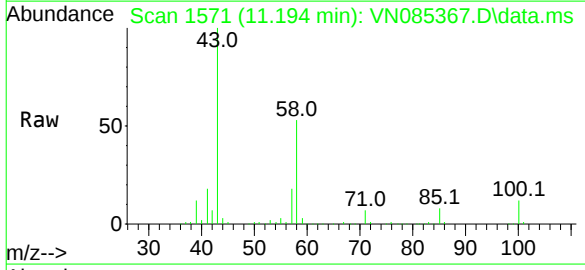
#59
2-Hexanone
Concen: 135.627 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 43 Resp: 217792
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.5

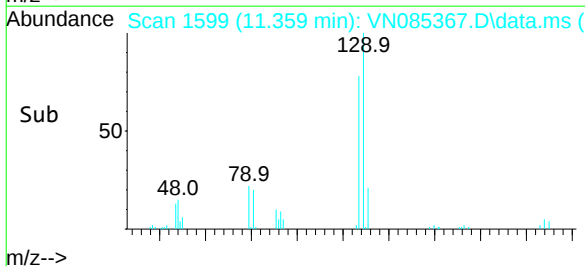
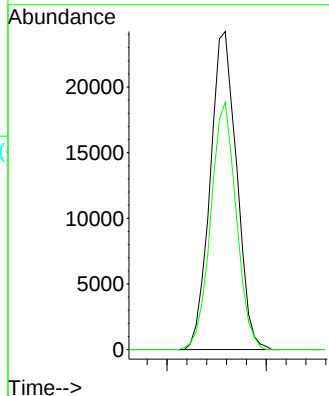
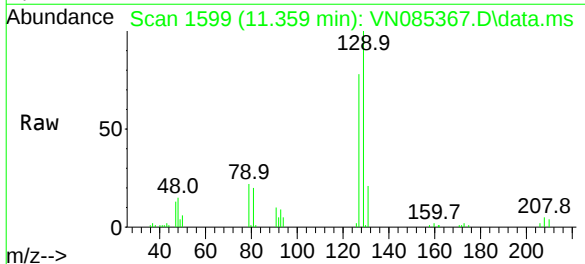
Manual Integrations
APPROVED

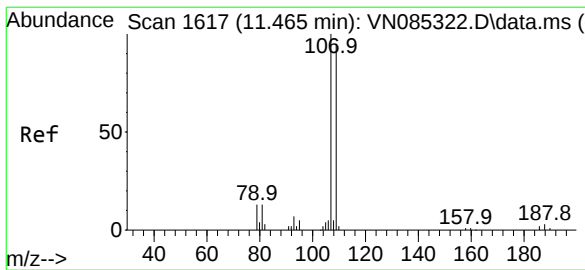
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 23.289 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion:129 Resp: 44867
Ion Ratio Lower Upper
129 100
127 74.8 38.3 114.9





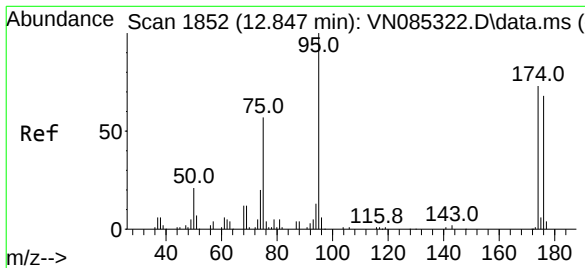
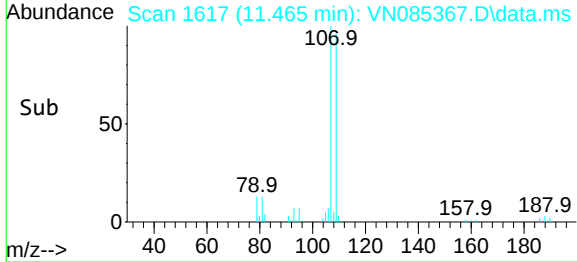
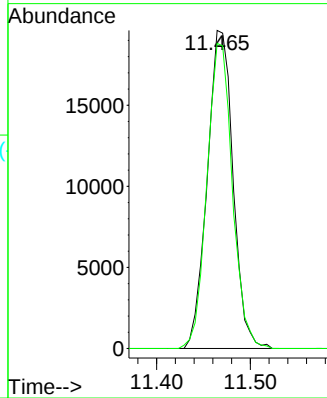
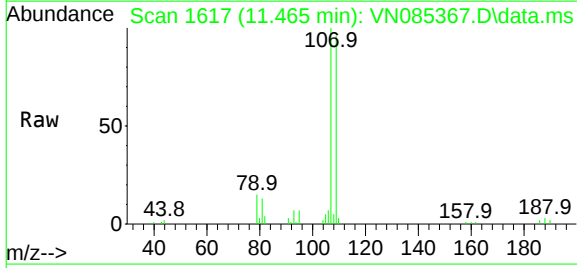
#61
1,2-Dibromoethane
Concen: 22.162 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 107 Resp: 37502
Ion Ratio Lower Upper
107 100
109 94.7 74.9 112.3

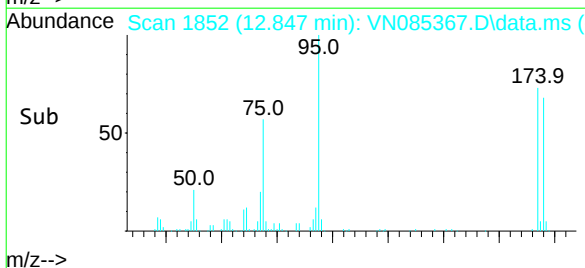
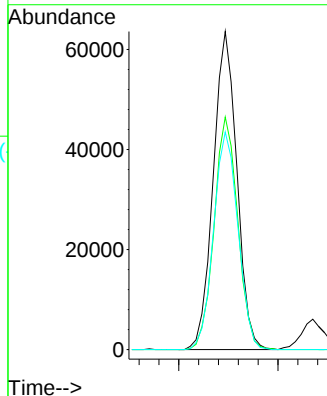
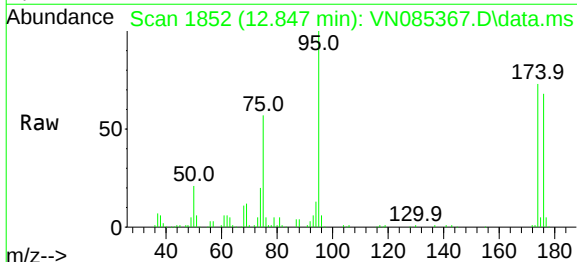
Manual Integrations
APPROVED

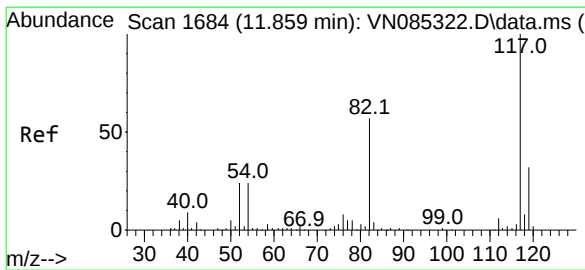
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025



#62
4-Bromofluorobenzene
Concen: 50.171 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion: 95 Resp: 105088
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.2
176 70.6 0.0 135.8





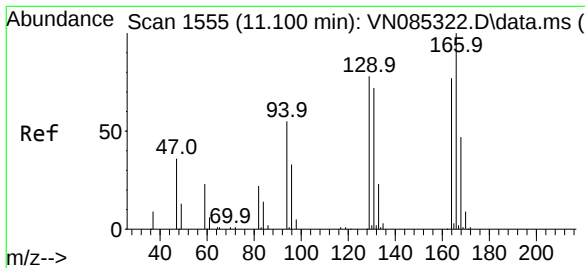
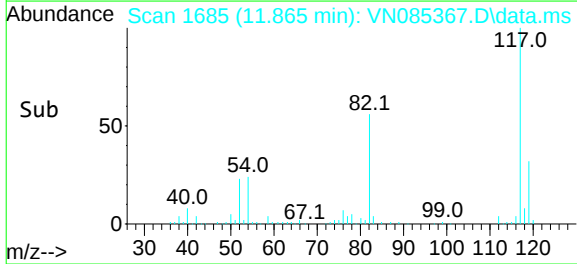
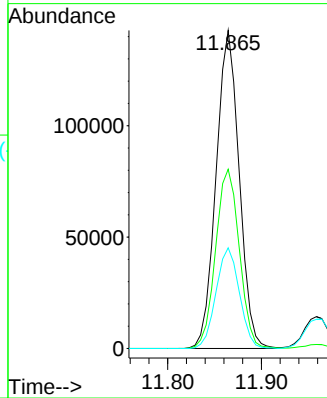
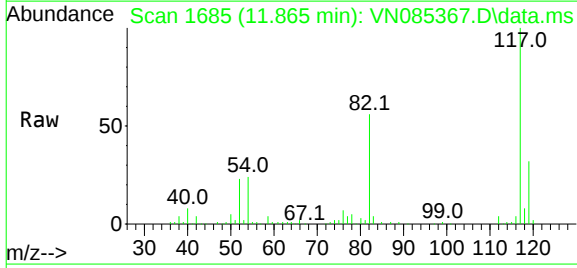
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion:	117	Resp:	244312
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.7	68.5
119	31.6	25.8	38.8

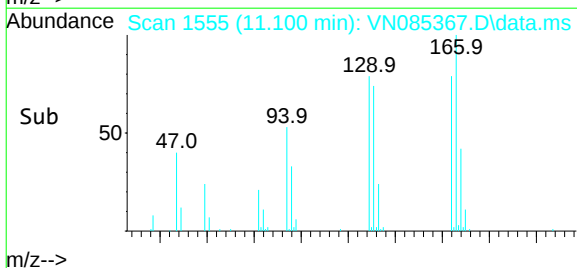
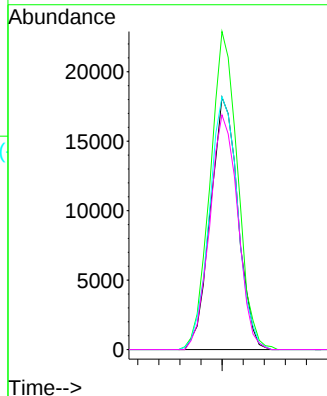
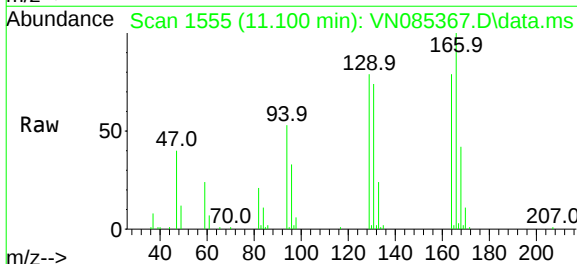
Manual Integrations
APPROVED

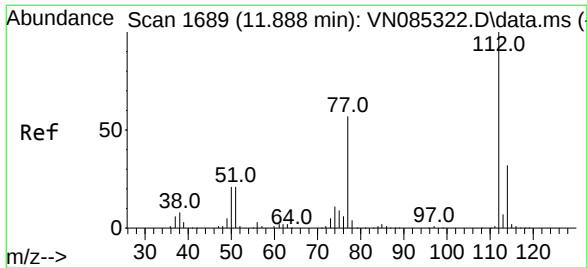
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#64
Tetrachloroethene
Concen: 21.176 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion:	164	Resp:	32782
Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.0	156.0
129	100.1	81.3	121.9
131	93.0	75.0	112.6





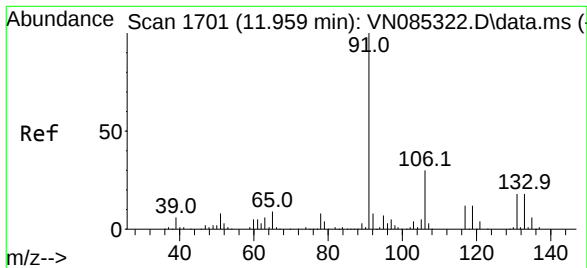
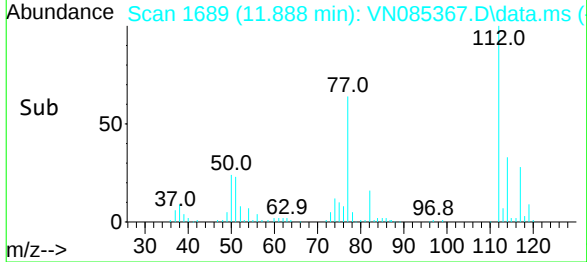
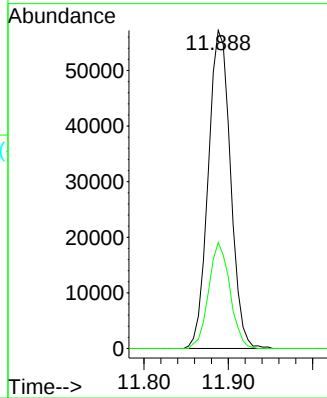
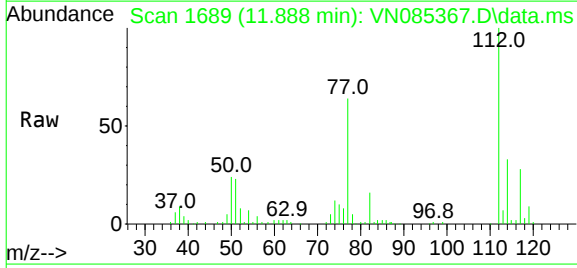
#65
Chlorobenzene
Concen: 19.873 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion:112 Resp: 104918
Ion Ratio Lower Upper
112 100
114 33.3 25.2 37.8

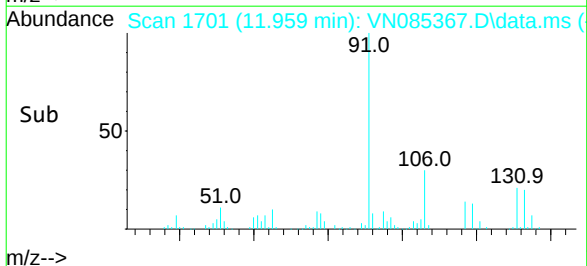
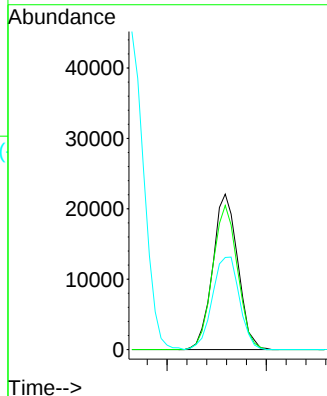
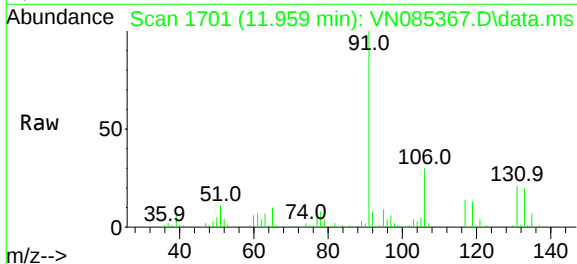
Manual Integrations
APPROVED

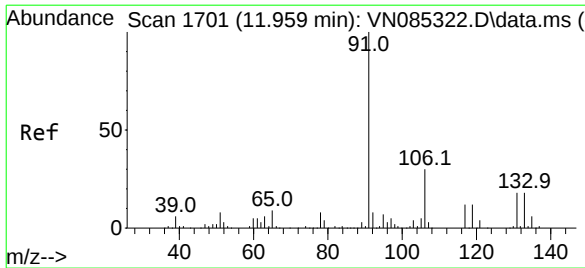
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.887 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion:131 Resp: 38782
Ion Ratio Lower Upper
131 100
133 92.0 48.3 144.9
119 64.1 33.4 100.1





#67

Ethyl Benzene

Concen: 20.430 ug/l

RT: 11.965 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBSD01

Tgt Ion: 91 Resp: 179378

Ion Ratio Lower Upper

91 100

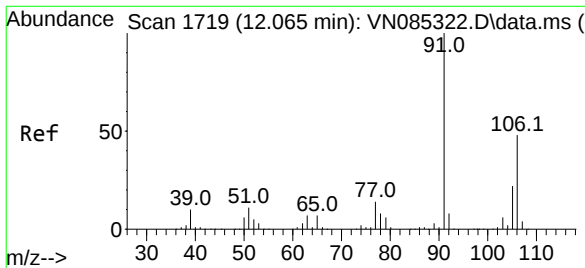
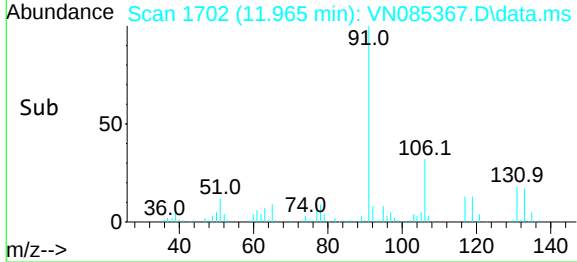
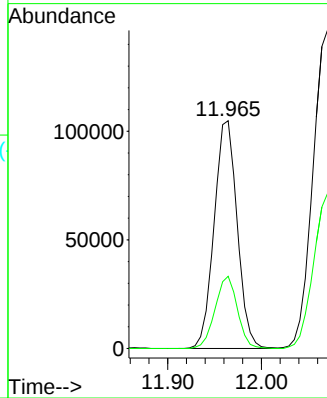
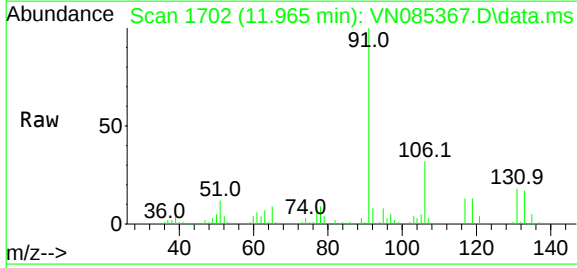
106 31.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#68

m/p-Xylenes

Concen: 42.131 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085367.D

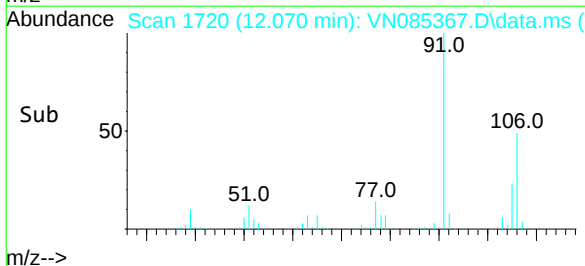
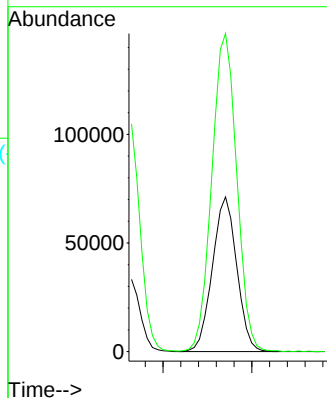
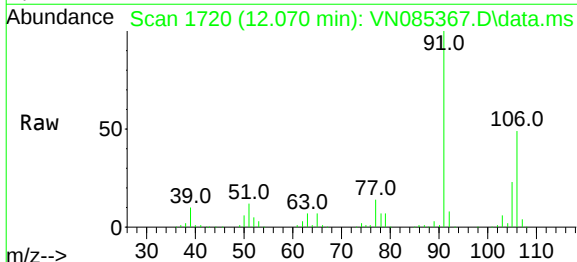
Acq: 31 Dec 2024 12:30

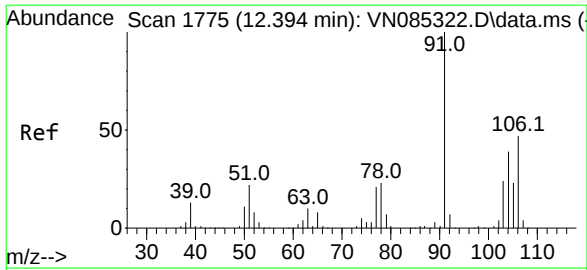
Tgt Ion:106 Resp: 135374

Ion Ratio Lower Upper

106 100

91 210.9 165.2 247.8





#69

o-Xylene

Concen: 20.634 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBSD01

Tgt Ion:106 Resp: 64136

Ion Ratio Lower Upper

106 100

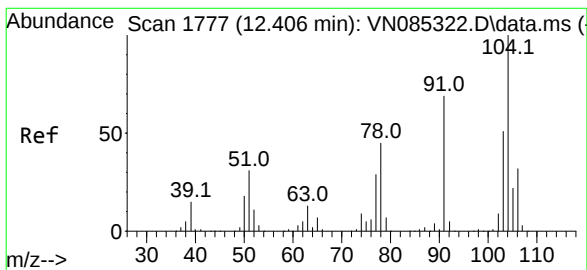
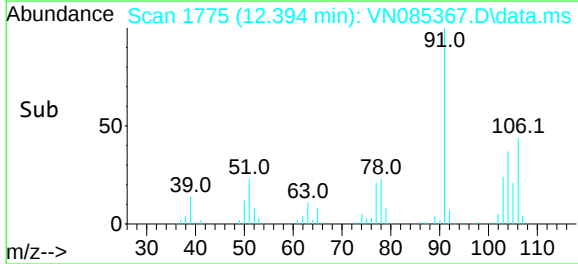
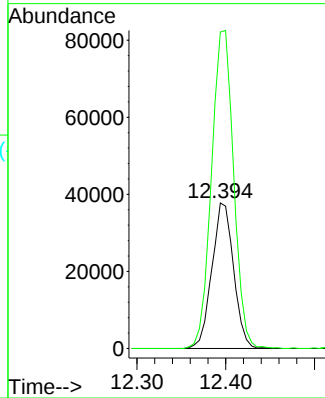
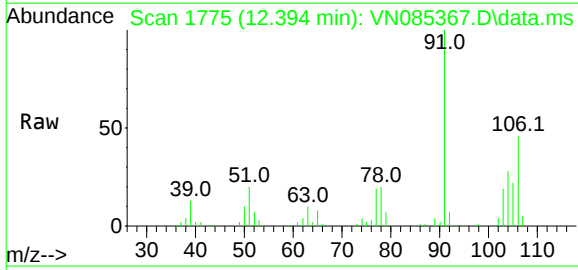
91 223.2 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#70

Styrene

Concen: 21.589 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

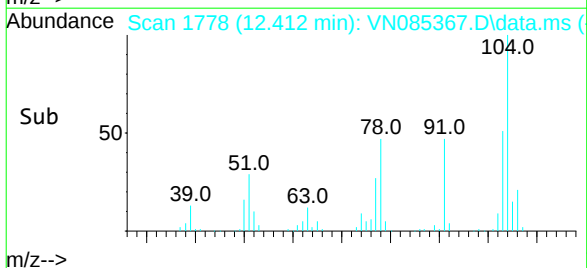
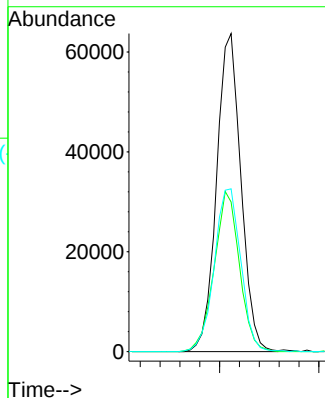
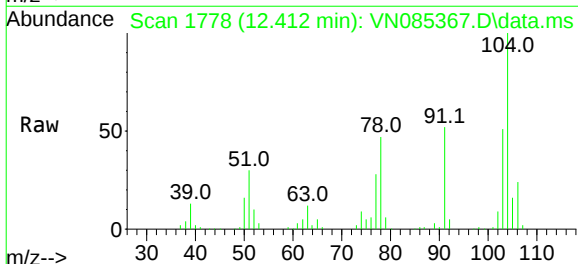
Tgt Ion:104 Resp: 108760

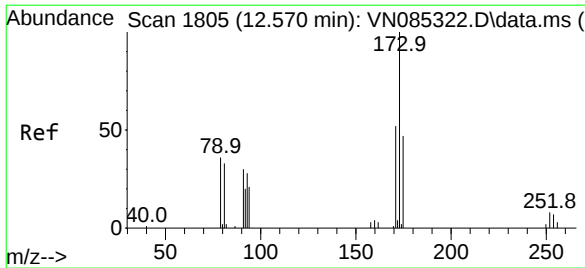
Ion Ratio Lower Upper

104 100

78 52.3 40.7 61.1

103 55.7 44.1 66.1





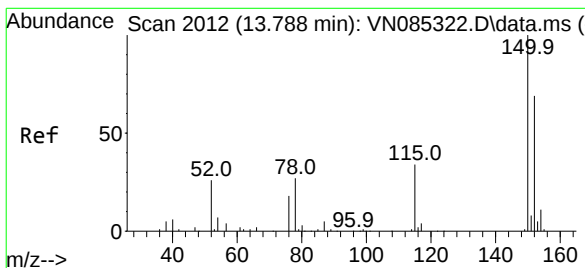
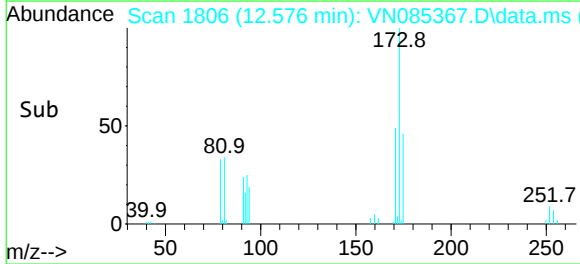
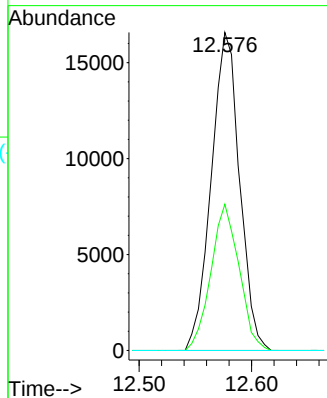
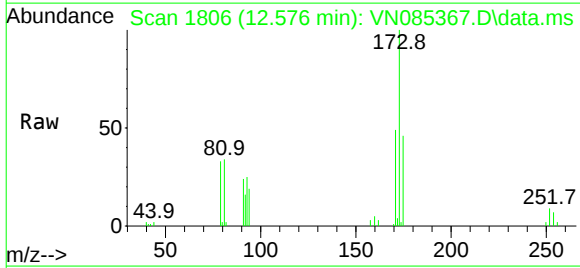
#71
Bromoform
Concen: 23.612 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.7	24.4	73.4
254	0.0	0.0	0.0

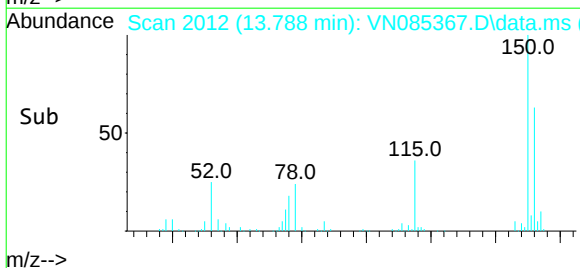
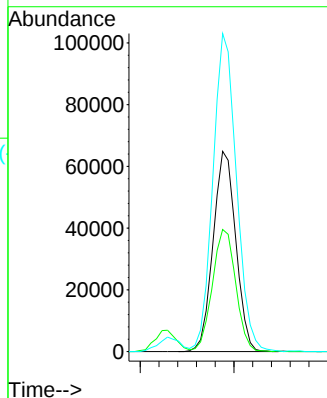
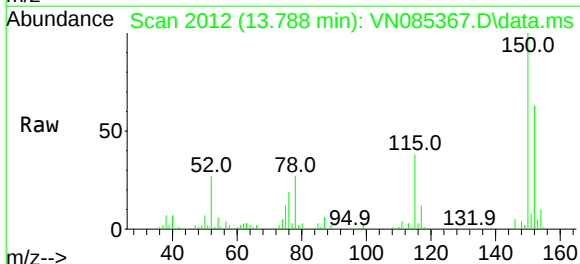
Manual Integrations
APPROVED

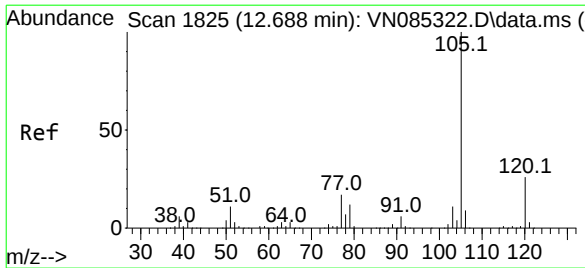
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	30.4	91.3
150	165.0	0.0	345.0





#73

Isopropylbenzene

Concen: 20.814 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1231WBSD01

Tgt Ion: 105 Resp: 163129

Ion Ratio Lower Upper

105 100

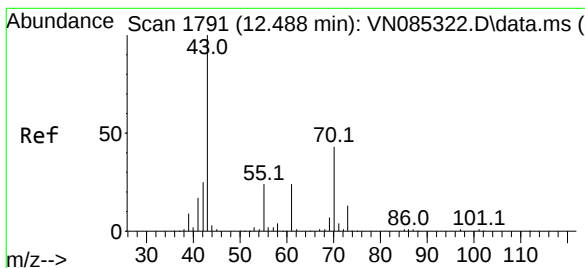
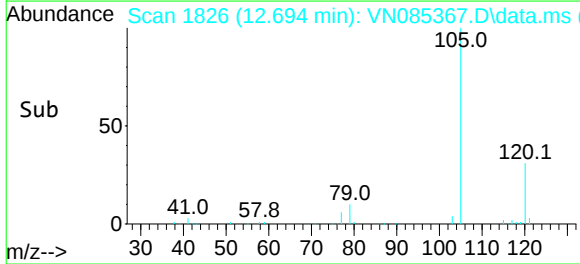
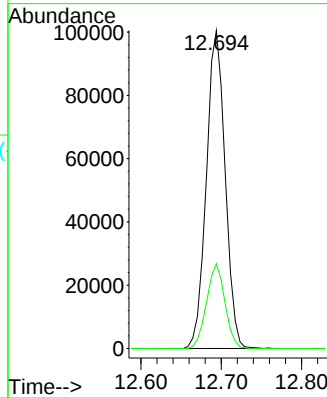
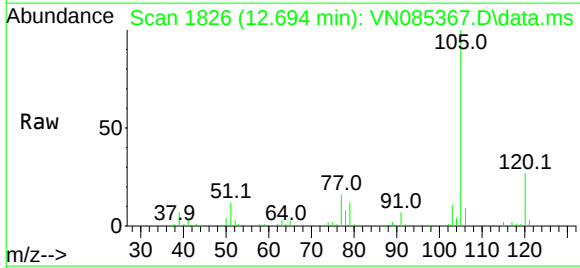
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#74

N-ethyl acetate

Concen: 23.969 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Tgt Ion: 43 Resp: 80411

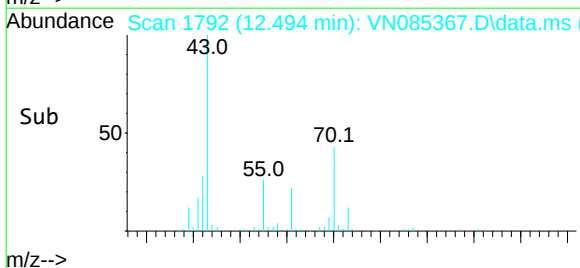
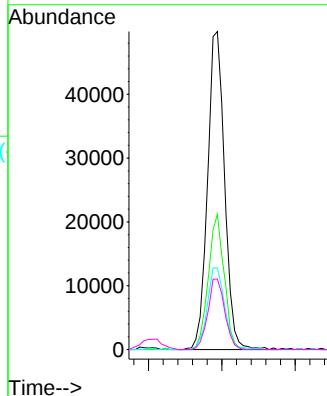
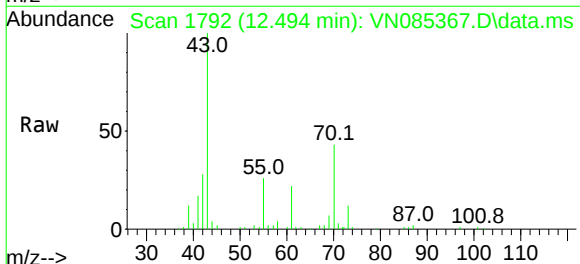
Ion Ratio Lower Upper

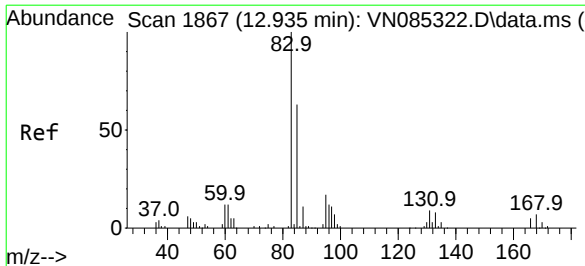
43 100

70 39.4 33.4 50.0

55 26.6 19.2 28.8

61 22.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.485 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Instrument :

MSVOA_N

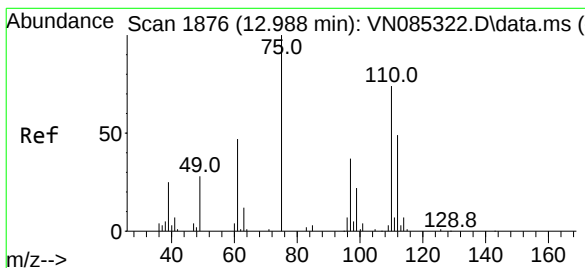
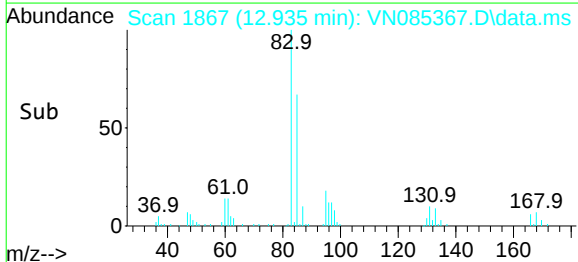
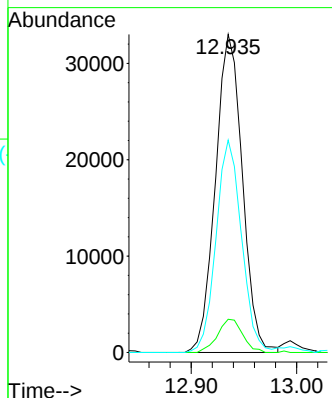
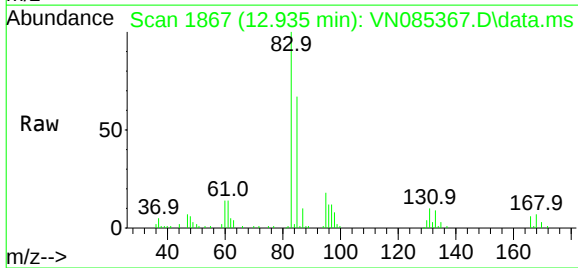
ClientSampleId :

VN1231WBSD01

Tgt Ion: 83	Resp: 58621
Ion Ratio	Lower Upper
83 100	
131 9.7	4.8 14.4
85 63.1	32.6 98.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#76

1,2,3-Trichloropropane

Concen: 23.162 ug/l m

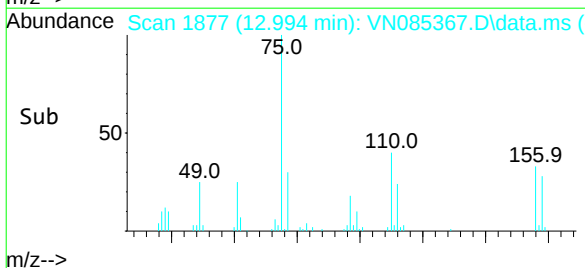
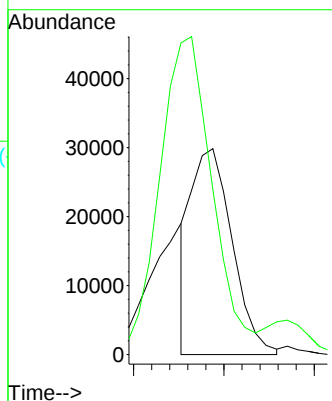
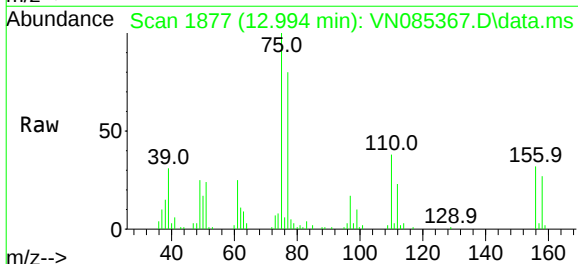
RT: 12.994 min Scan# 1877

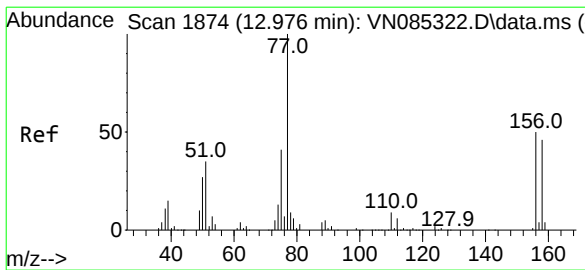
Delta R.T. 0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

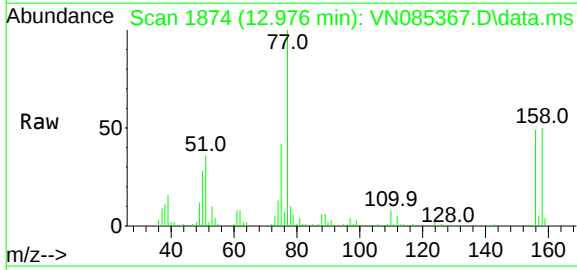
Tgt Ion: 75	Resp: 47140
Ion Ratio	Lower Upper
75 100	
77 197.9	98.1 294.3





#77
Bromobenzene
Concen: 20.520 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

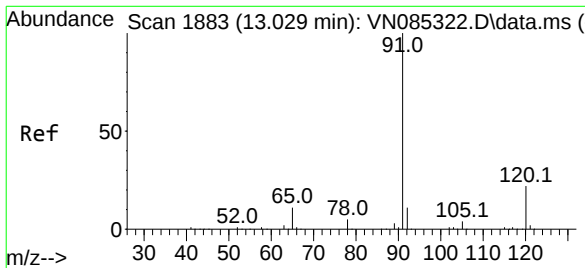
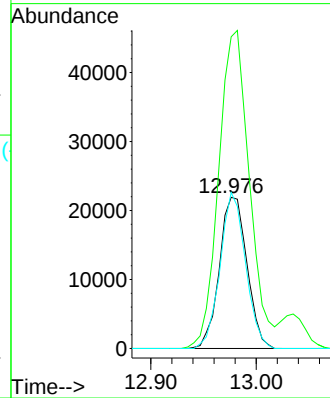
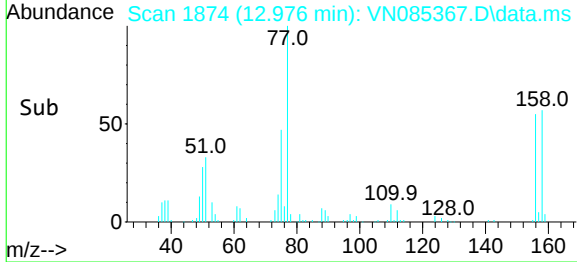
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



Tgt Ion: 156 Resp: 39844
Ion Ratio Lower Upper
156 100
77 234.2 114.0 342.0
158 95.1 47.6 142.8

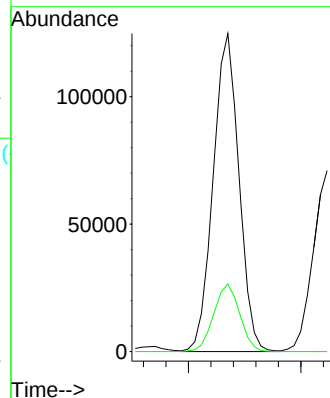
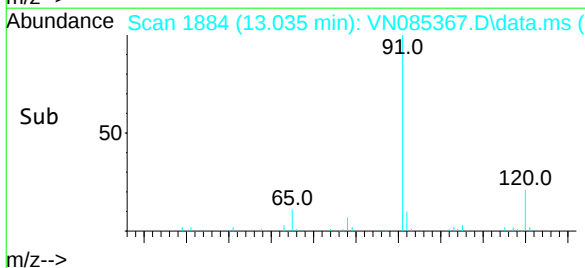
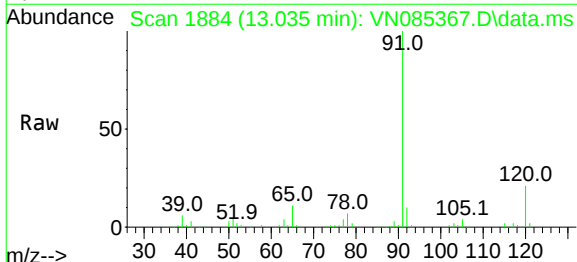
Manual Integrations
APPROVED

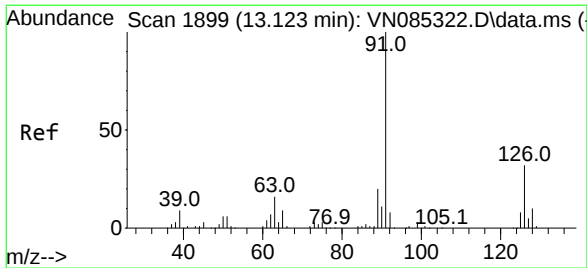
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#78
n-propylbenzene
Concen: 21.722 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion: 91 Resp: 198442
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.9





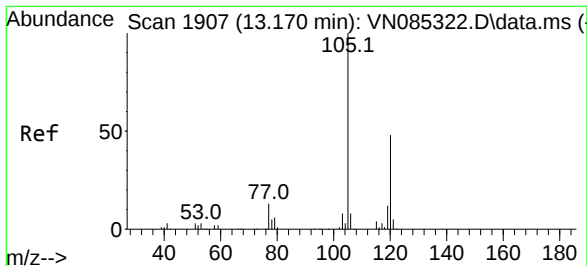
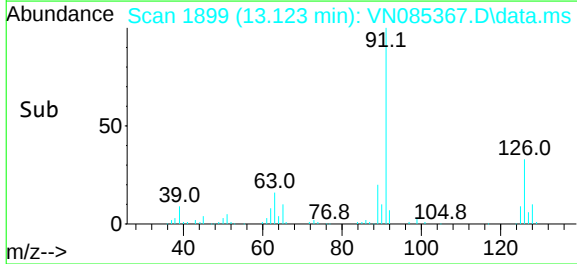
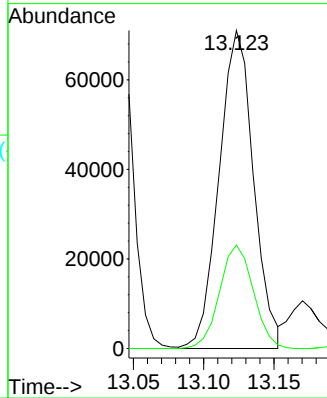
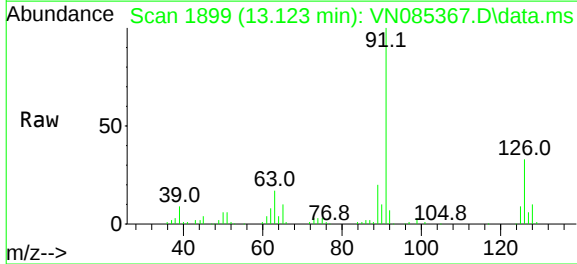
#79
2-Chlorotoluene
Concen: 21.055 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 91 Resp: 121056
Ion Ratio Lower Upper
91 100
126 31.8 16.0 48.0

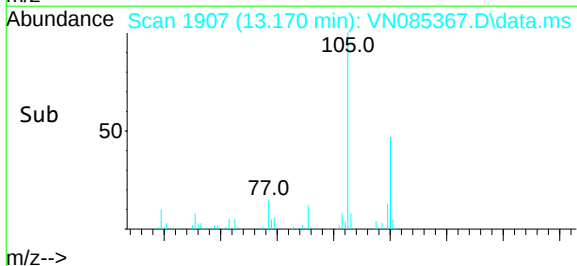
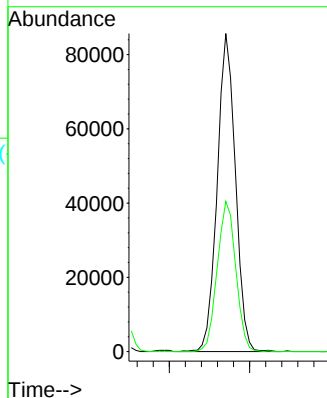
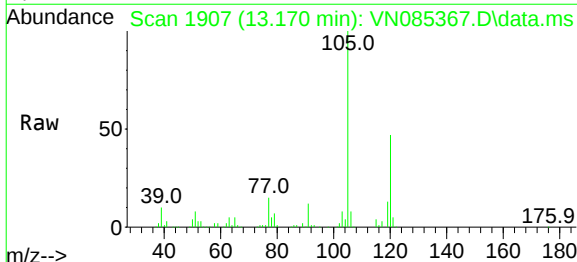
Manual Integrations
APPROVED

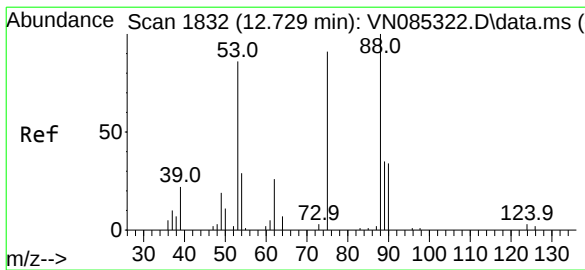
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.293 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

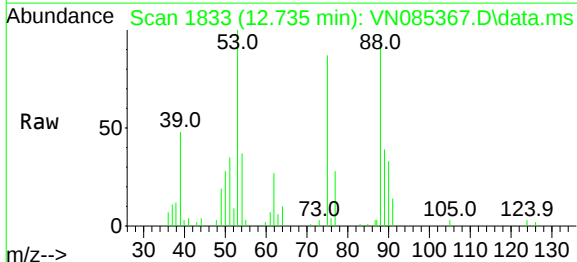
Tgt Ion:105 Resp: 134985
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 22.195 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

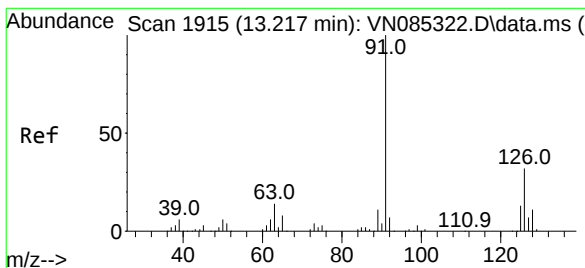
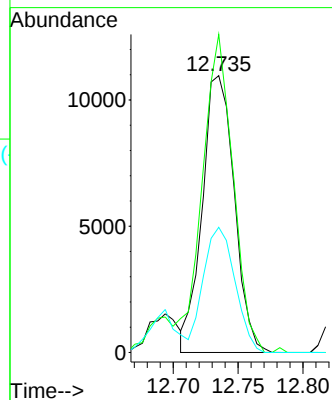
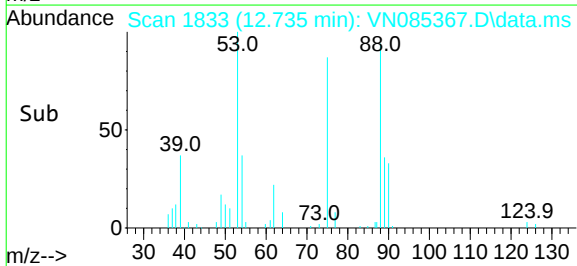
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



Tgt Ion: 75 Resp: 18862
Ion Ratio Lower Upper
75 100
53 110.7 80.0 120.0
89 44.6 35.8 53.8

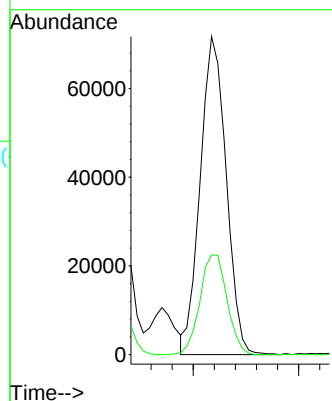
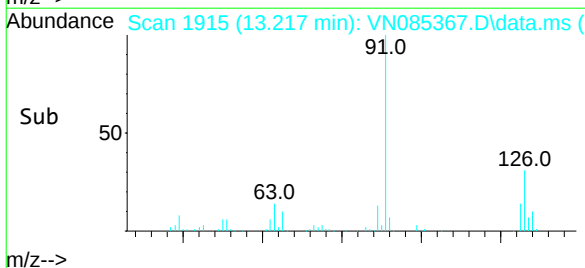
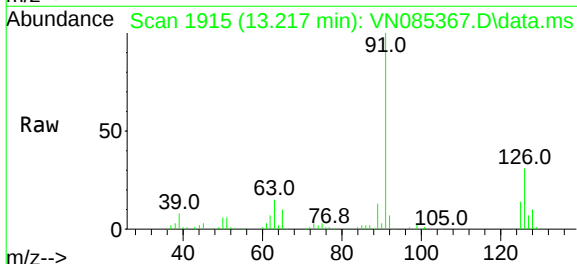
Manual Integrations
APPROVED

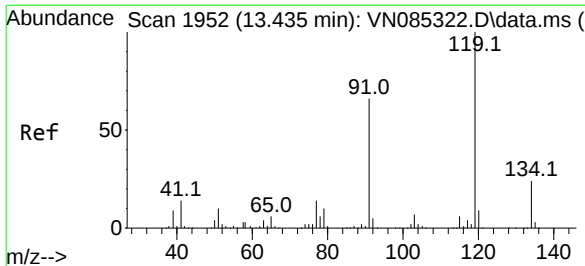
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 21.184 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Tgt Ion: 91 Resp: 122669
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4





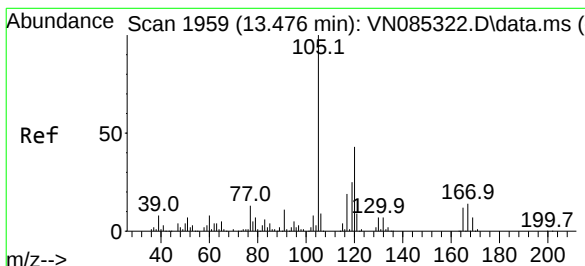
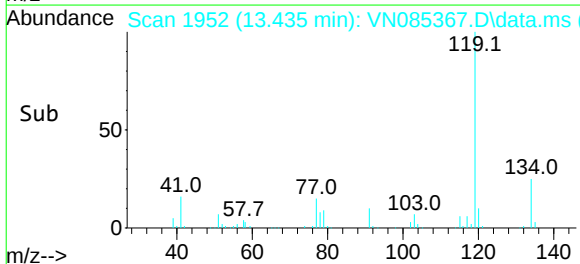
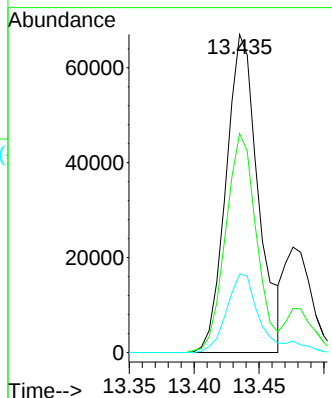
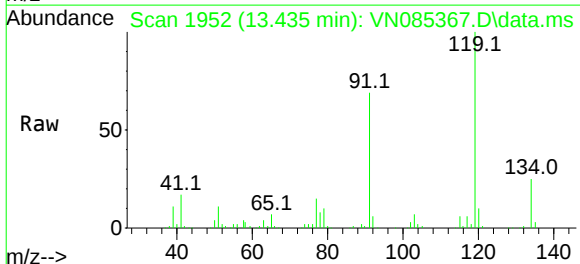
#83
tert-Butylbenzene
Concen: 21.104 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion:119 Resp: 115893
Ion Ratio Lower Upper
119 100
91 66.0 33.6 100.8
134 26.1 13.3 39.8

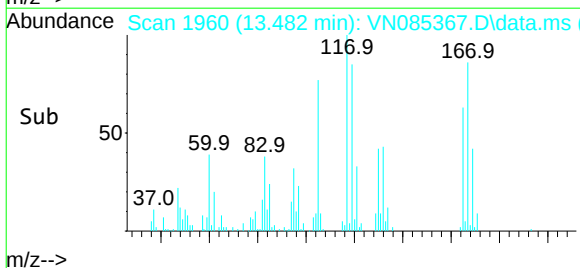
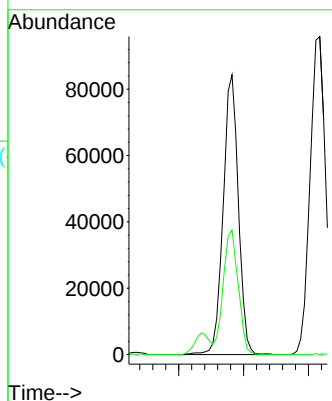
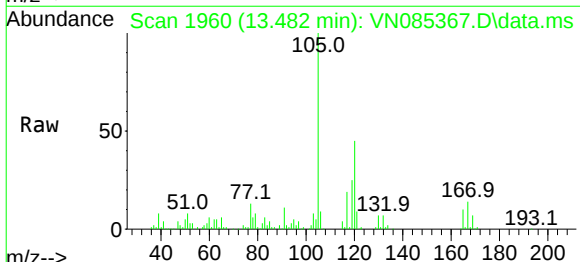
Manual Integrations
APPROVED

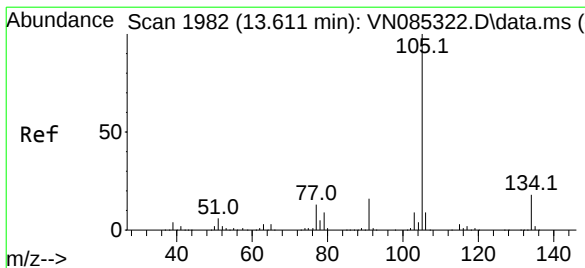
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 21.754 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

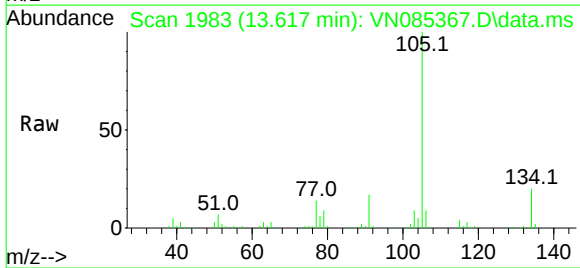
Tgt Ion:105 Resp: 137320
Ion Ratio Lower Upper
105 100
120 44.1 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 20.963 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30

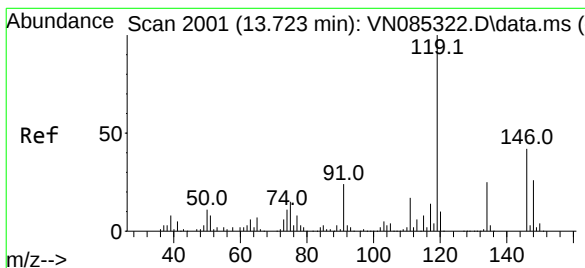
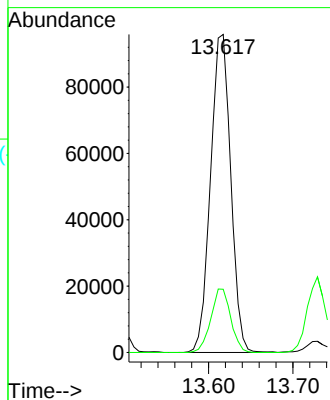
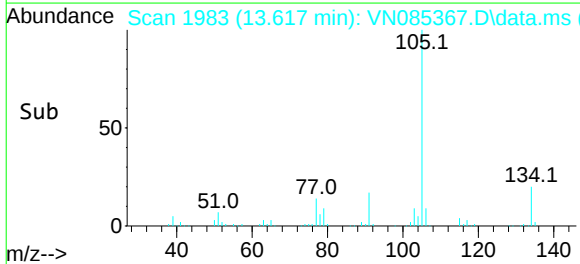
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBSD01



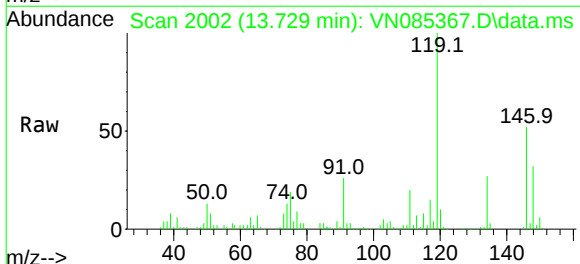
Tgt Ion:105 Resp: 159792
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.4 28.3

Manual Integrations
 APPROVED

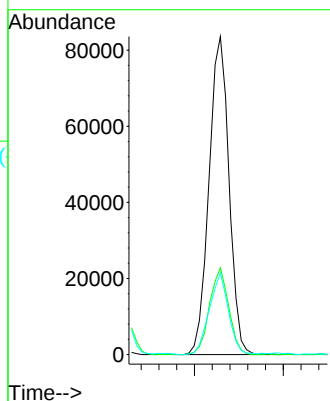
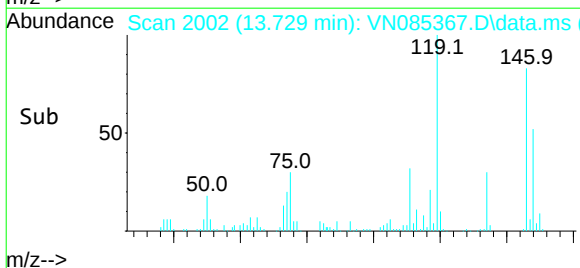
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025

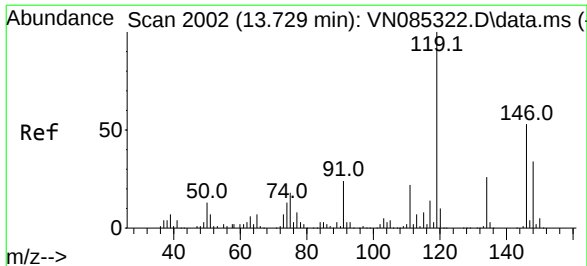


#86
 p-Isopropyltoluene
 Concen: 19.998 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085367.D
 Acq: 31 Dec 2024 12:30



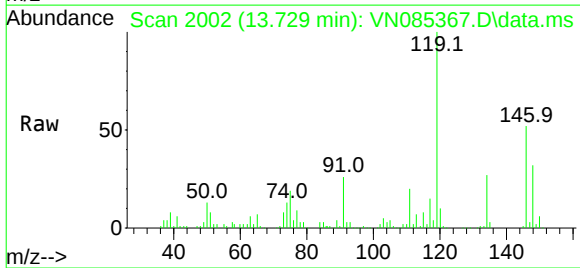
Tgt Ion:119 Resp: 130780
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.5 37.5
 91 24.7 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 20.454 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

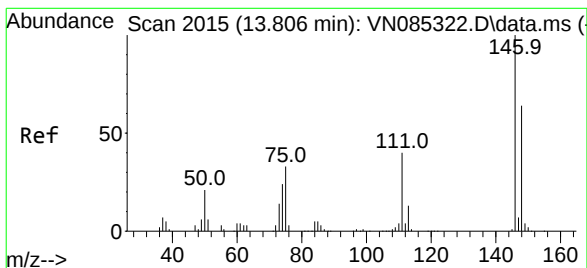
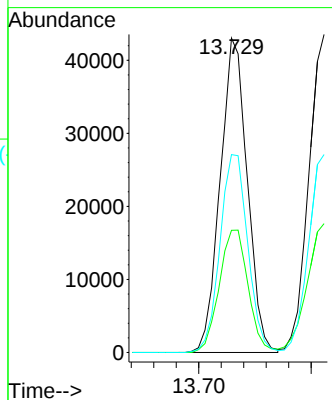
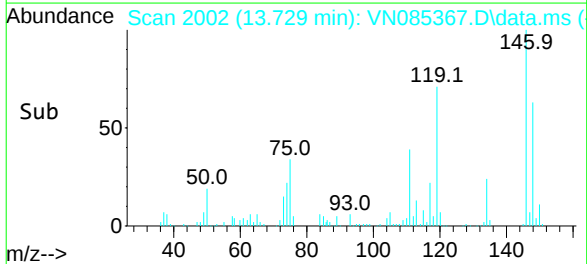
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



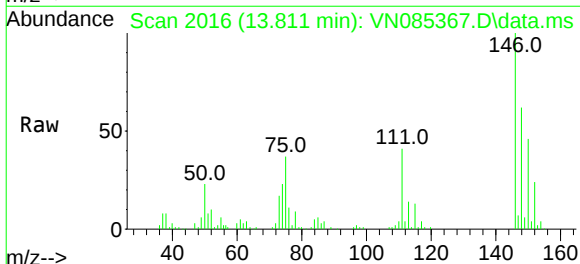
Tgt Ion:	146	Resp:	71998
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.3	63.9
148	64.6	31.5	94.5

Manual Integrations
APPROVED

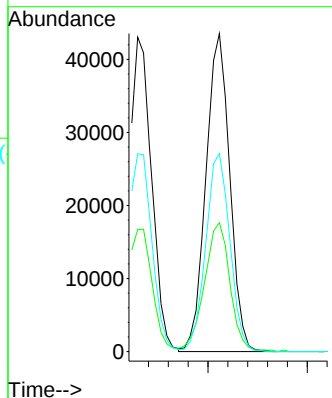
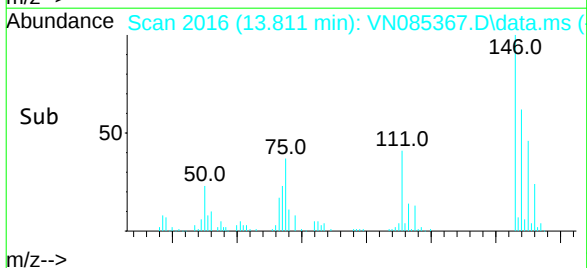
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

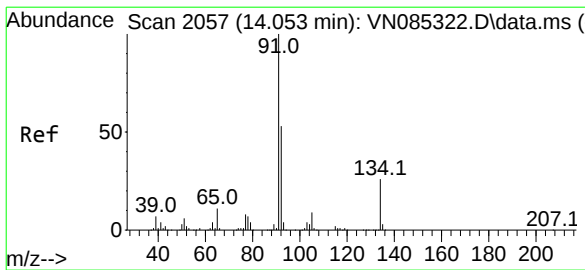


#88
1,4-Dichlorobenzene
Concen: 20.094 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



Tgt Ion:	146	Resp:	72657
Ion Ratio	Lower	Upper	
146	100		
111	43.6	20.8	62.5
148	63.3	31.7	95.1





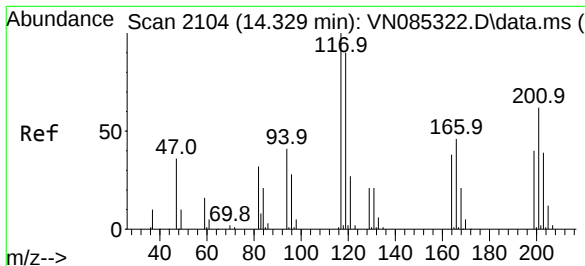
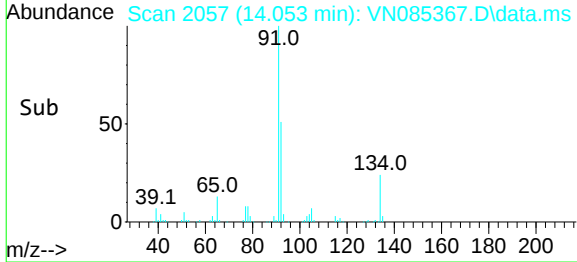
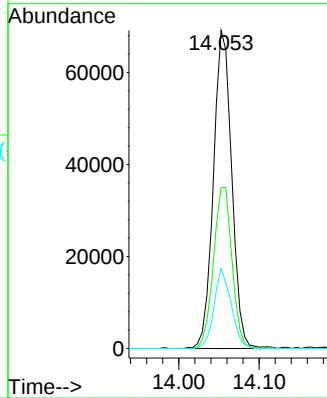
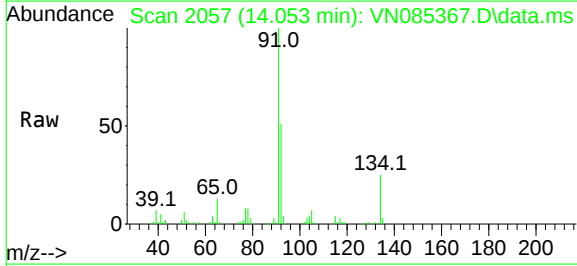
#89
n-Butylbenzene
Concen: 19.659 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01

Tgt Ion: 91 Resp: 109731
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 23.4 12.1 36.3

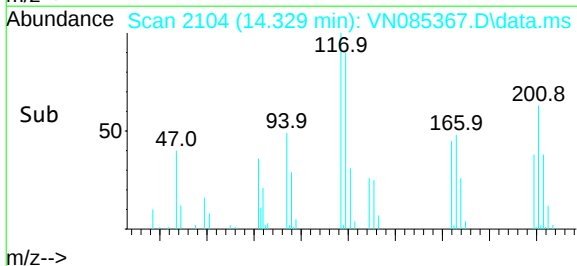
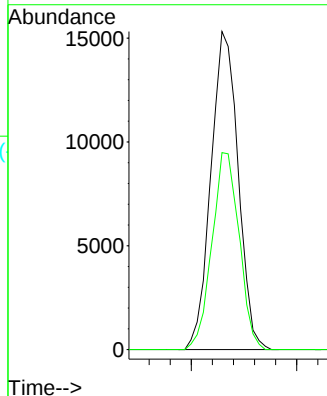
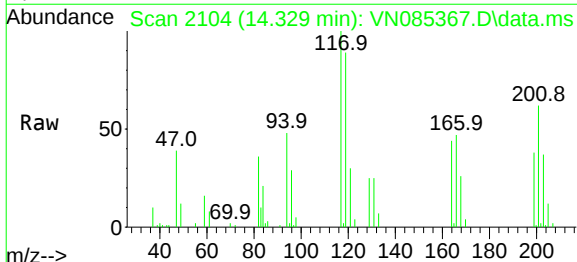
Manual Integrations
APPROVED

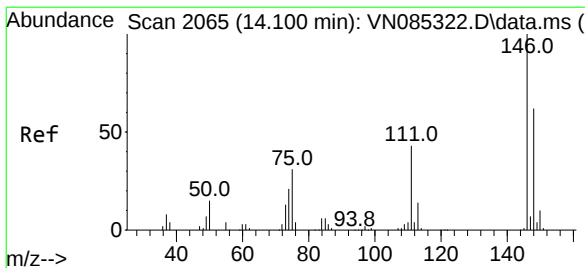
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#90
Hexachloroethane
Concen: 22.023 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

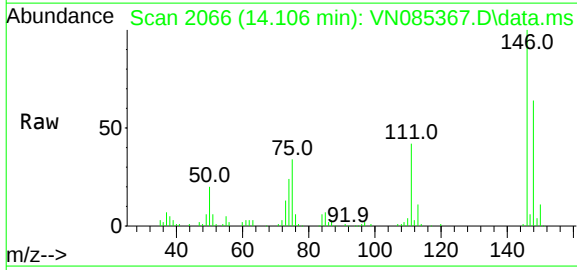
Tgt Ion:117 Resp: 27517
Ion Ratio Lower Upper
117 100
201 61.7 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 20.741 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

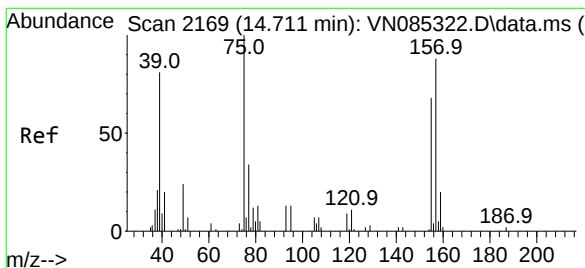
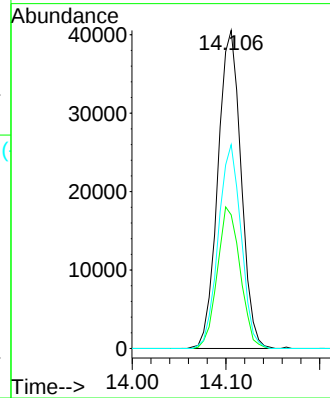
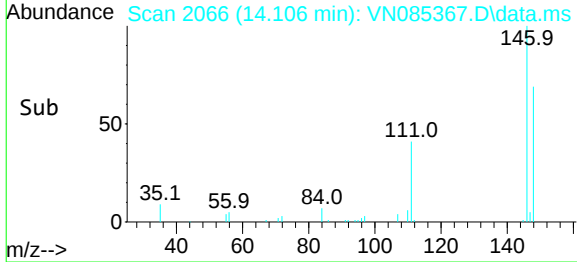
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



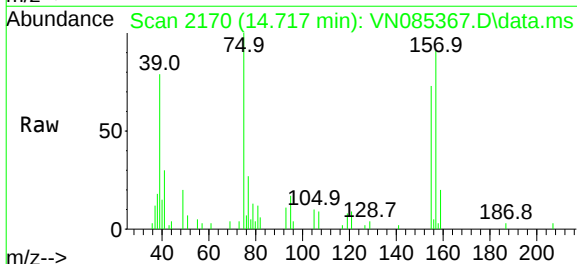
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.8	65.3
148	63.0	31.4	94.2

Manual Integrations
APPROVED

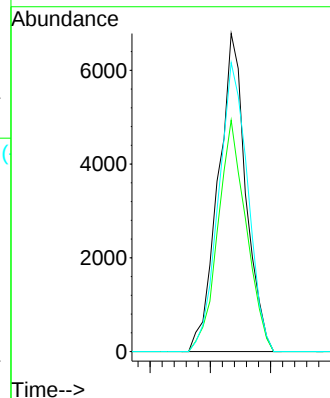
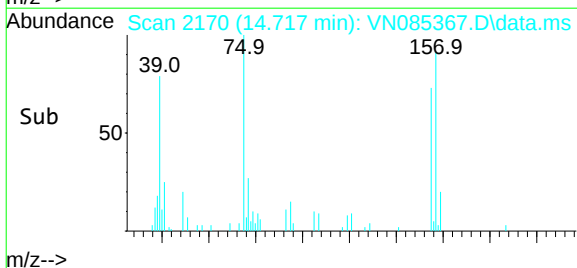
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

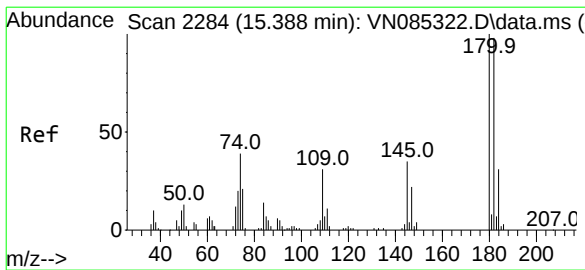


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.349 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



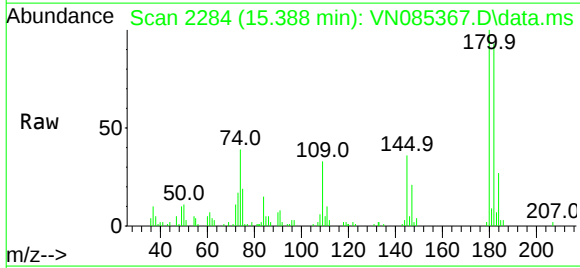
Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.3	35.6	106.9
157	95.6	47.0	141.0





#93
1,2,4-Trichlorobenzene
Concen: 19.498 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30

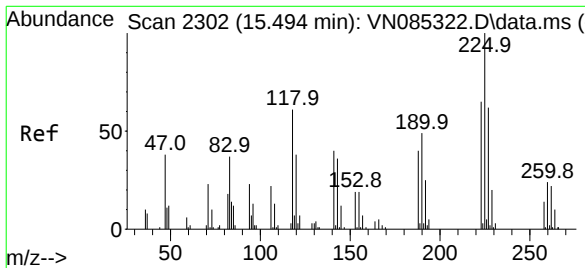
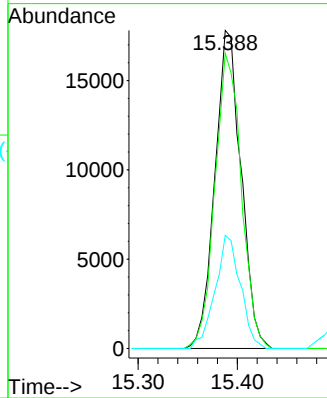
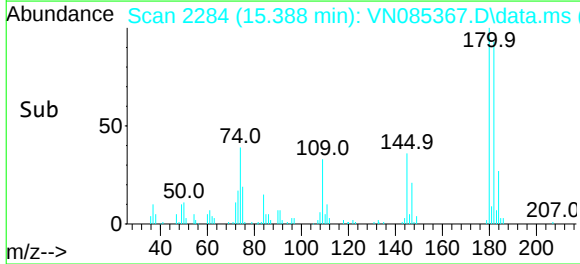
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBSD01



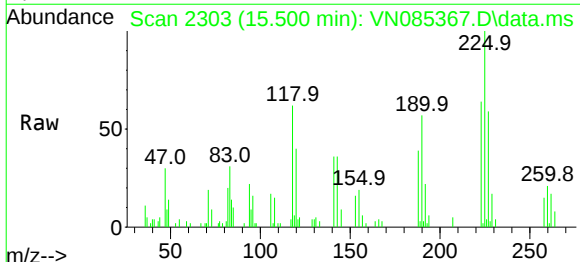
Tgt Ion:180 Resp: 32631
Ion Ratio Lower Upper
180 100
182 93.5 47.2 141.6
145 34.3 16.6 49.8

Manual Integrations
APPROVED

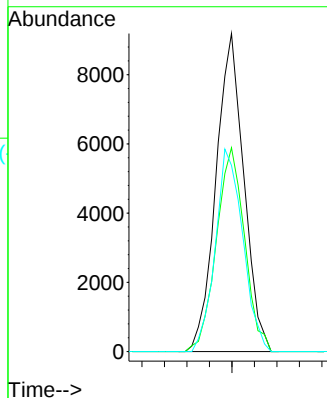
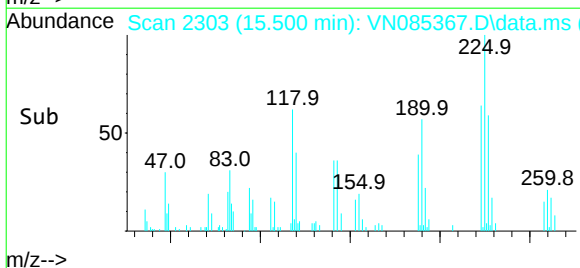
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

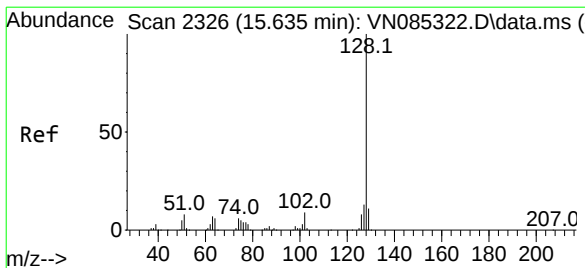


#94
Hexachlorobutadiene
Concen: 19.008 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085367.D
Acq: 31 Dec 2024 12:30



Tgt Ion:225 Resp: 15805
Ion Ratio Lower Upper
225 100
223 64.9 31.6 94.7
227 62.8 30.3 91.0





#95

Naphthalene

Concen: 19.190 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Instrument :

MSVOA_N

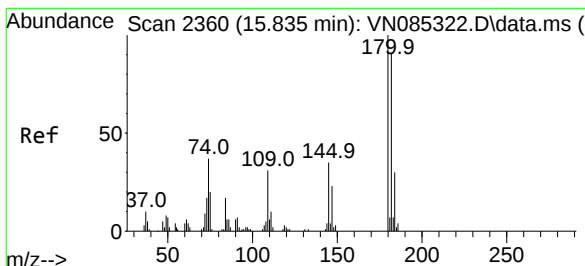
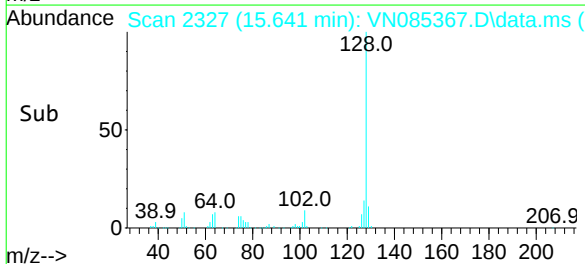
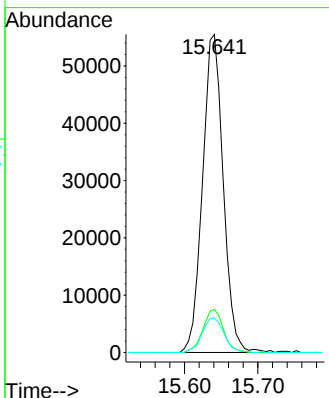
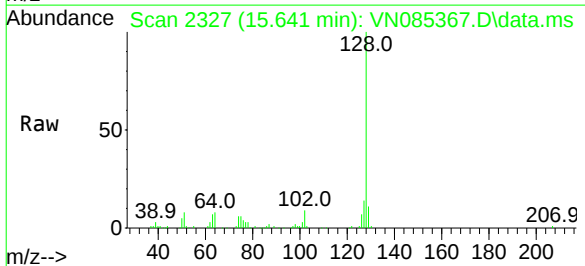
ClientSampleId :

VN1231WBSD01

Tgt Ion:	128	Resp:	108904
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.4	8.5	12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.809 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085367.D

Acq: 31 Dec 2024 12:30

Tgt Ion:	180	Resp:	33123
Ion Ratio	Lower	Upper	
180	100		
182	93.3	46.8	140.4
145	34.8	17.2	51.6

