

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085369.D
 Acq On : 31 Dec 2024 13:28
 Operator : JC\MD
 Sample : VN1231MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 01 02:06:09 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	8.218	168	147144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114213	54.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.840%
35) Dibromofluoromethane	8.165	113	85842	52.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.980%
50) Toluene-d8	10.565	98	304645	50.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.847	95	104053	52.205	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42249	21.230	ug/l	97
3) Chloromethane	2.359	50	43624	19.504	ug/l	99
4) Vinyl Chloride	2.512	62	42172	17.829	ug/l #	86
5) Bromomethane	2.959	94	26676	17.244	ug/l	95
6) Chloroethane	3.118	64	28901	19.266	ug/l	98
7) Trichlorofluoromethane	3.501	101	61062	19.638	ug/l	99
8) Diethyl Ether	3.959	74	23084	22.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	36606	20.690	ug/l	98
10) Methyl Iodide	4.583	142	41169	20.107	ug/l	99
11) Tert butyl alcohol	5.524	59	34233	130.263	ug/l	97
12) 1,1-Dichloroethene	4.342	96	31956	19.543	ug/l	87
13) Acrolein	4.177	56	48478	118.319	ug/l	97
14) Allyl chloride	5.018	41	50458	19.281	ug/l	99
15) Acrylonitrile	5.718	53	103922	125.642	ug/l	99
16) Acetone	4.430	43	88132	127.708	ug/l	95
17) Carbon Disulfide	4.712	76	86401	17.369	ug/l	97
18) Methyl Acetate	5.018	43	55727	26.376	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	114882	21.616	ug/l	93
20) Methylene Chloride	5.271	84	39727	21.402	ug/l #	89
21) trans-1,2-Dichloroethene	5.783	96	33403	19.556	ug/l	95
22) Diisopropyl ether	6.671	45	128507	22.787	ug/l	97
23) Vinyl Acetate	6.600	43	466640	114.382	ug/l	100
24) 1,1-Dichloroethane	6.565	63	72147	21.238	ug/l	99
25) 2-Butanone	7.483	43	138173	129.058	ug/l	95
26) 2,2-Dichloropropane	7.494	77	59440	19.972	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	41160	20.531	ug/l	95
28) Bromochloromethane	7.806	49	34380	21.778	ug/l #	100
29) Tetrahydrofuran	7.835	42	91039	132.008	ug/l	98
30) Chloroform	7.965	83	73403	21.121	ug/l	97
31) Cyclohexane	8.253	56	57002	18.376	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	61670	19.869	ug/l	92
36) 1,1-Dichloropropene	8.365	75	46801	19.544	ug/l	99
37) Ethyl Acetate	7.559	43	56265	23.640	ug/l	100
38) Carbon Tetrachloride	8.359	117	53145	20.361	ug/l	99
39) Methylcyclohexane	9.600	83	46057	18.538	ug/l	93
40) Benzene	8.606	78	153115	21.149	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085369.D
 Acq On : 31 Dec 2024 13:28
 Operator : JC\MD
 Sample : VN1231MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 01 02:06:09 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)
41) Methacrylonitrile	7.783	41	31436	25.789	ug/l	97
42) 1,2-Dichloroethane	8.671	62	57720	22.236	ug/l	99
43) Isopropyl Acetate	8.688	43	94110	24.013	ug/l	99
44) Trichloroethene	9.353	130	33693	19.657	ug/l	95
45) 1,2-Dichloropropane	9.618	63	39537	21.512	ug/l	97
46) Dibromomethane	9.706	93	27273	21.337	ug/l	97
47) Bromodichloromethane	9.888	83	57849	21.775	ug/l	97
48) Methyl methacrylate	9.677	41	42573	25.035	ug/l	97
49) 1,4-Dioxane	9.694	88	14584	568.410	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	292512	132.816	ug/l	99
52) Toluene	10.629	92	90815	21.066	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	56745	21.720	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	61014	21.597	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36409	22.370	ug/l	94
56) Ethyl methacrylate	10.871	69	55991	23.621	ug/l	97
57) 1,3-Dichloropropane	11.159	76	65330	22.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121080	105.576	ug/l	98
59) 2-Hexanone	11.194	43	212825	139.281	ug/l	97
60) Dibromochloromethane	11.359	129	42085	22.957	ug/l	100
61) 1,2-Dibromoethane	11.465	107	37118	23.051	ug/l	97
64) Tetrachloroethene	11.100	164	29069	19.646	ug/l	96
65) Chlorobenzene	11.888	112	98829	19.584	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35898	21.196	ug/l	98
67) Ethyl Benzene	11.959	91	165405	19.709	ug/l	97
68) m/p-Xylenes	12.071	106	126183	41.086	ug/l	100
69) o-Xylene	12.400	106	58910	19.828	ug/l	96
70) Styrene	12.412	104	101040	20.984	ug/l	99
71) Bromoform	12.576	173	27068	23.075	ug/l #	100
73) Isopropylbenzene	12.694	105	148757	19.098	ug/l	98
74) N-amyl acetate	12.494	43	76123	22.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	54894	22.127	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	45911m	22.698	ug/l	
77) Bromobenzene	12.976	156	37447	19.404	ug/l	98
78) n-propylbenzene	13.035	91	183146	20.171	ug/l	99
79) 2-Chlorotoluene	13.123	91	116877	20.453	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	128078	20.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	17935m	21.234	ug/l	
82) 4-Chlorotoluene	13.223	91	114930	19.970	ug/l	100
83) tert-Butylbenzene	13.435	119	103150	18.900	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	127497	20.323	ug/l	97
85) sec-Butylbenzene	13.612	105	147097	19.417	ug/l	99
86) p-Isopropyltoluene	13.729	119	120487	18.584	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	69002	19.724	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69522	19.346	ug/l	98
89) n-Butylbenzene	14.053	91	103803	18.712	ug/l	98
90) Hexachloroethane	14.329	117	25232	20.319	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	66881	20.068	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10409	23.575	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	31293	18.814	ug/l	100
94) Hexachlorobutadiene	15.494	225	14403	17.428	ug/l	95
95) Naphthalene	15.641	128	104223	18.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	31455	18.928	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
Data File : VN085369.D
Acq On : 31 Dec 2024 13:28
Operator : JC\MD
Sample : VN1231MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

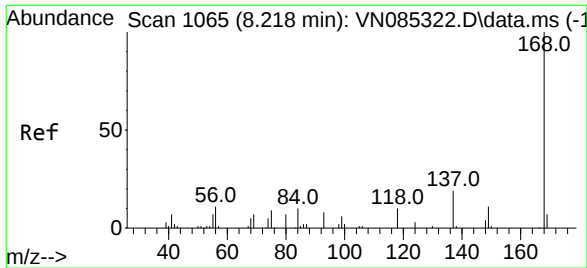
Manual Integrations
APPROVED

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

Quant Time: Jan 01 02:06:09 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

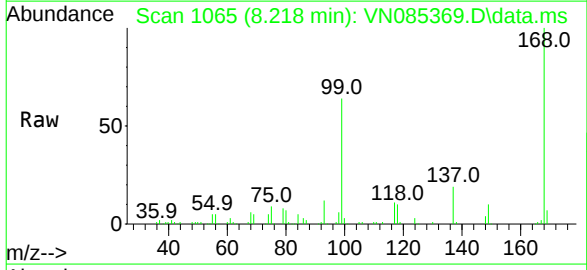
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

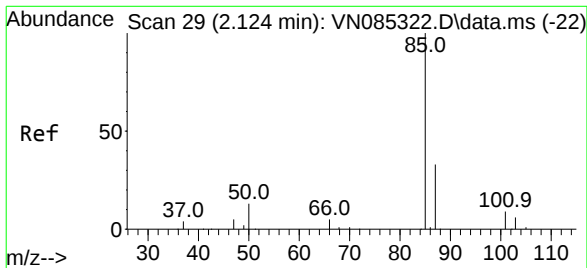
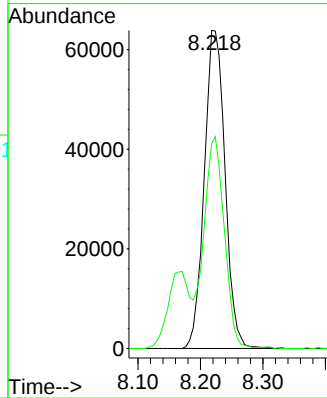
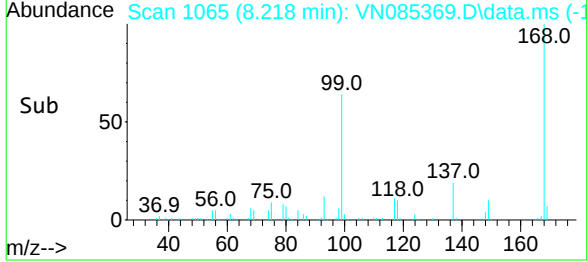
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



Tgt Ion:168 Resp: 147144
Ion Ratio Lower Upper
168 100
99 64.2 51.0 76.4

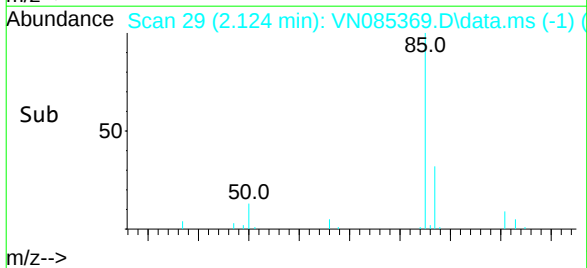
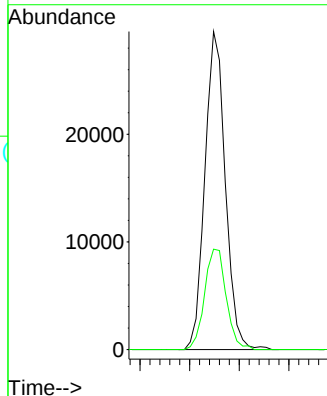
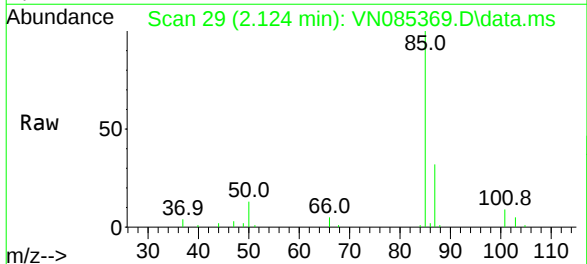
Manual Integrations
APPROVED

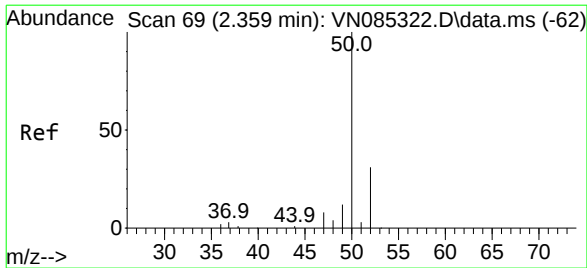
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#2
Dichlorodifluoromethane
Concen: 21.230 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 85 Resp: 42249
Ion Ratio Lower Upper
85 100
87 31.6 16.8 50.3





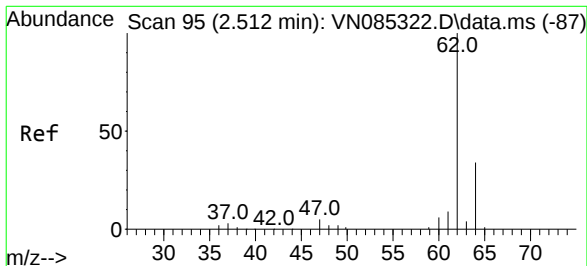
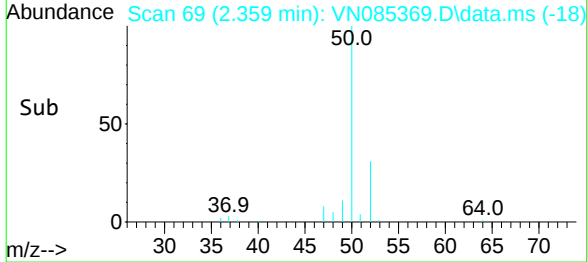
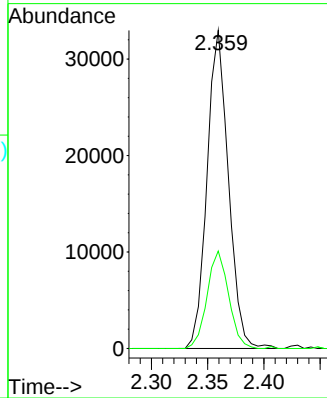
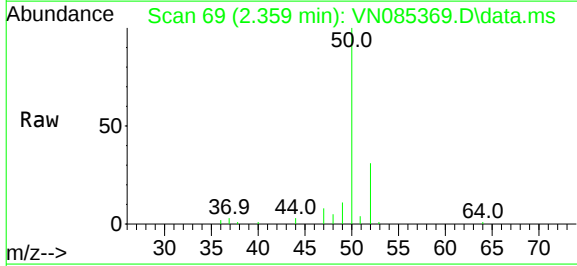
#3
Chloromethane
Concen: 19.504 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 50 Resp: 43624
Ion Ratio Lower Upper
50 100
52 30.6 25.1 37.7

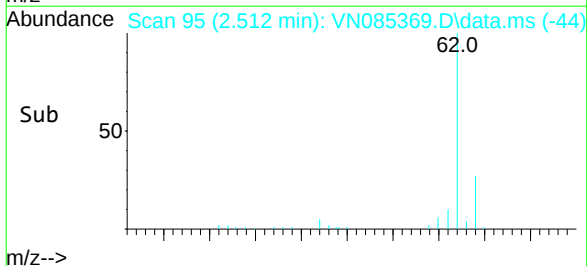
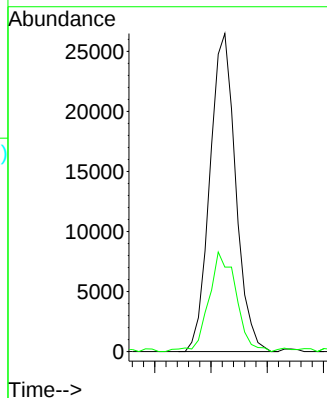
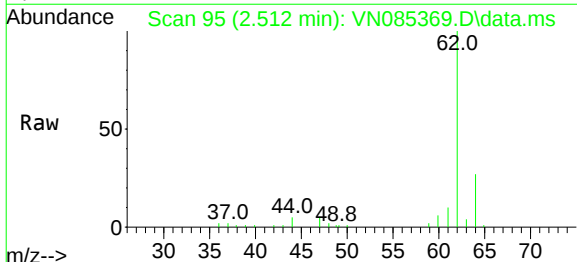
Manual Integrations
APPROVED

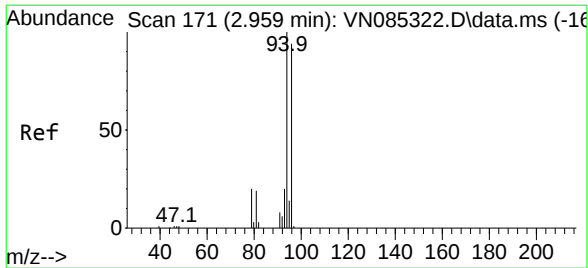
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#4
Vinyl Chloride
Concen: 17.829 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

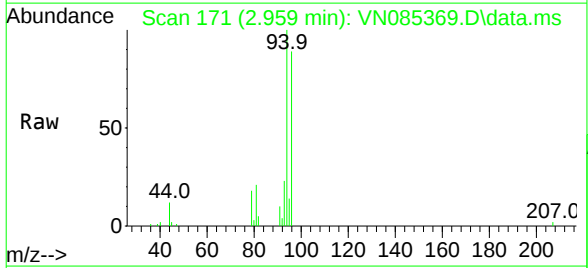
Tgt Ion: 62 Resp: 42172
Ion Ratio Lower Upper
62 100
64 25.9 27.0 40.6





#5
Bromomethane
Concen: 17.244 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

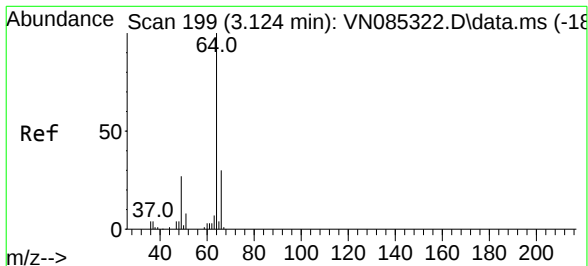
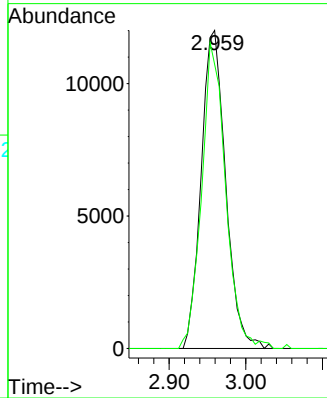
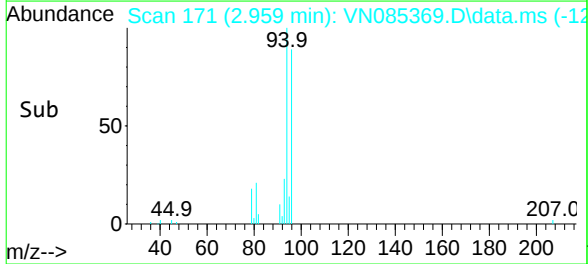
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



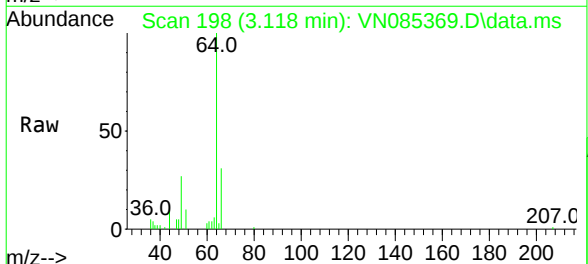
Tgt Ion: 94 Resp: 26676
Ion Ratio Lower Upper
94 100
96 89.3 75.2 112.8

Manual Integrations
APPROVED

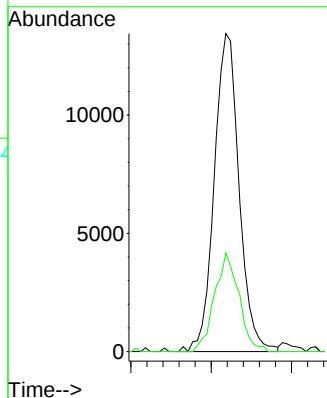
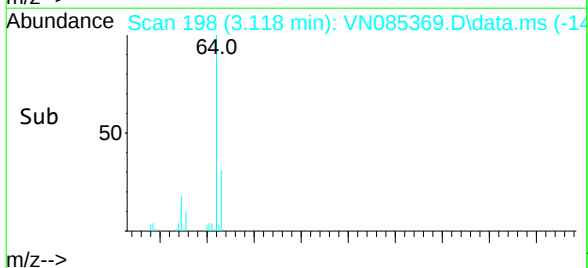
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

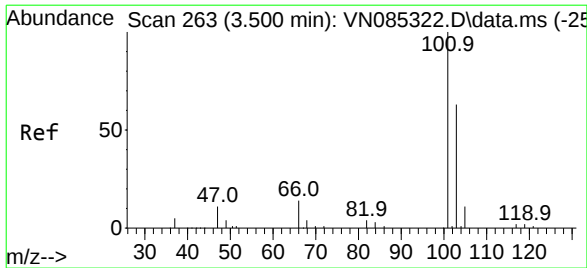


#6
Chloroethane
Concen: 19.266 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28



Tgt Ion: 64 Resp: 28901
Ion Ratio Lower Upper
64 100
66 31.0 24.1 36.1





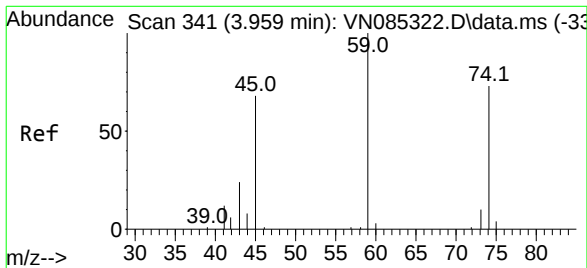
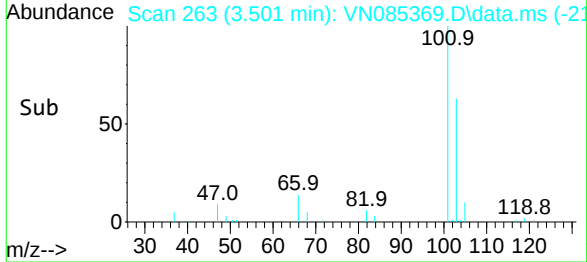
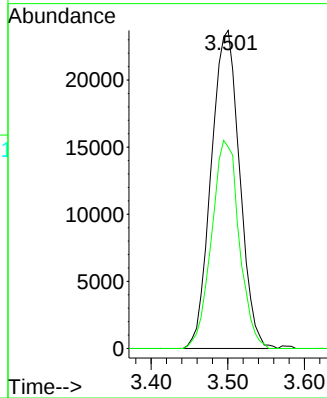
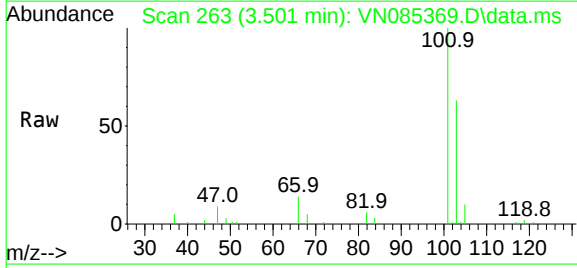
#7
Trichlorofluoromethane
Concen: 19.638 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:101 Resp: 61062
Ion Ratio Lower Upper
101 100
103 63.3 50.3 75.5

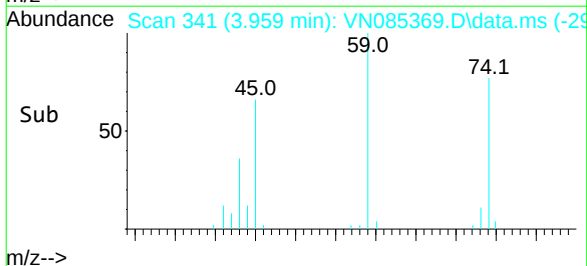
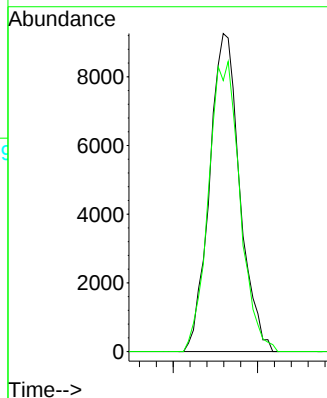
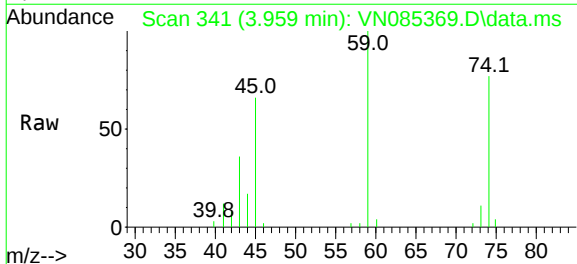
Manual Integrations
APPROVED

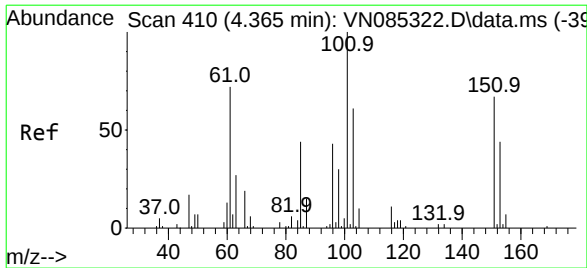
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#8
Diethyl Ether
Concen: 22.421 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 74 Resp: 23084
Ion Ratio Lower Upper
74 100
45 94.5 47.5 142.6





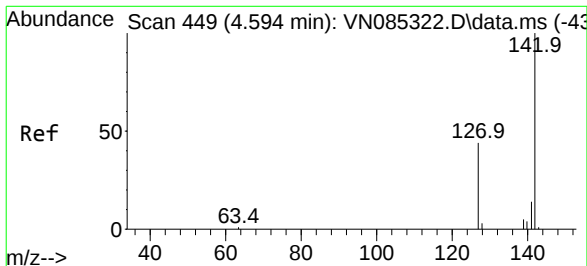
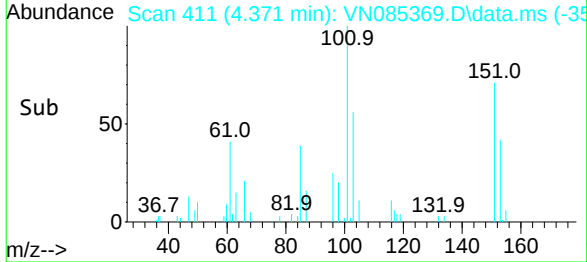
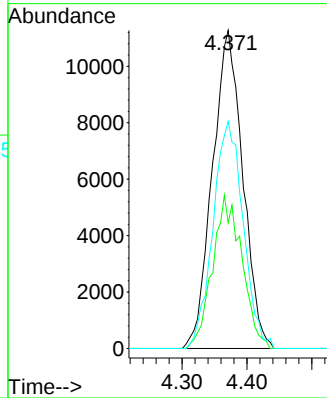
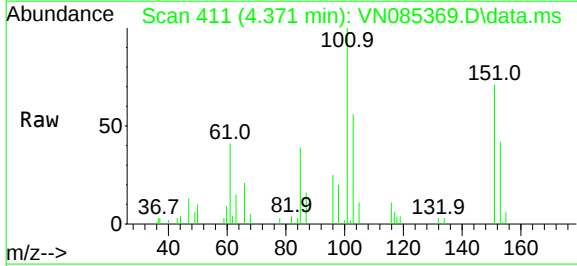
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.690 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:101 Resp: 36606
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 71.1 55.8 83.6

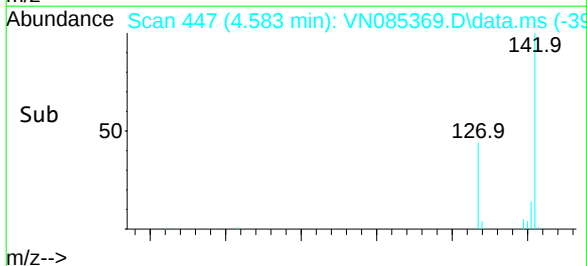
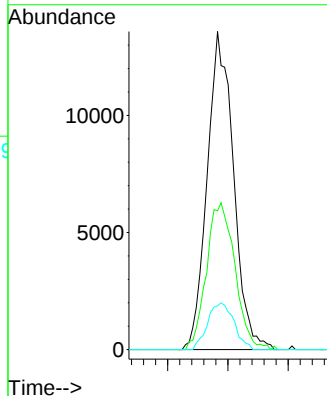
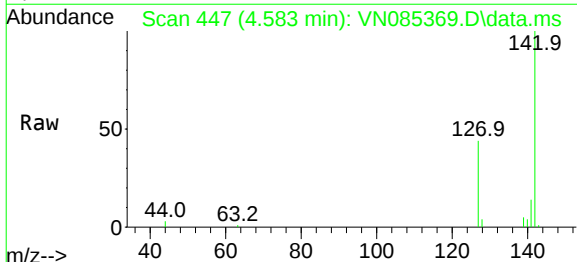
Manual Integrations
APPROVED

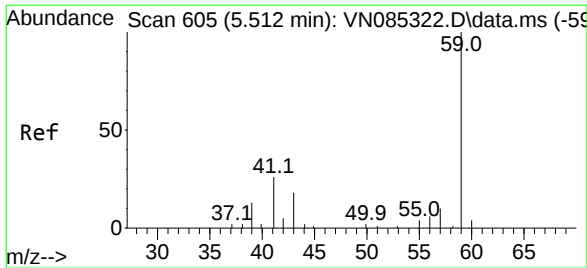
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#10
Methyl Iodide
Concen: 20.107 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:142 Resp: 41169
Ion Ratio Lower Upper
142 100
127 43.6 35.3 52.9
141 13.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 130.263 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBSD01

Tgt Ion: 59 Resp: 34233

Ion Ratio Lower Upper

59 100

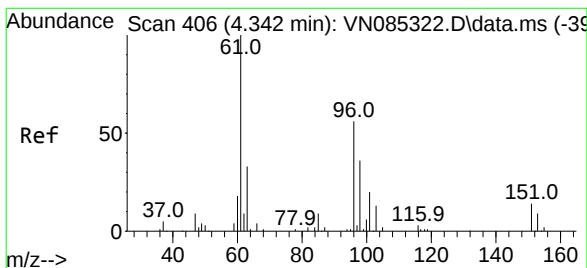
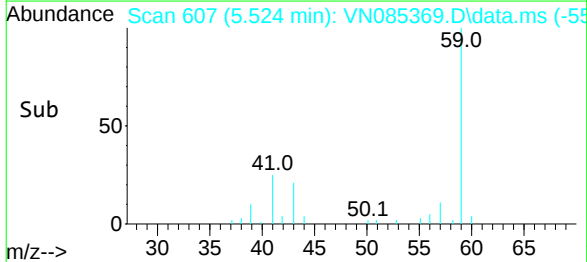
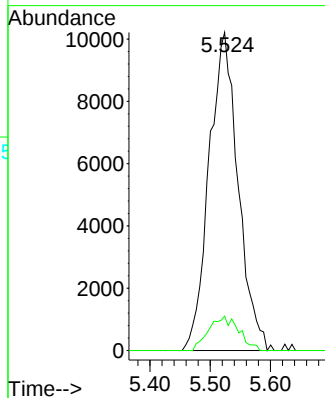
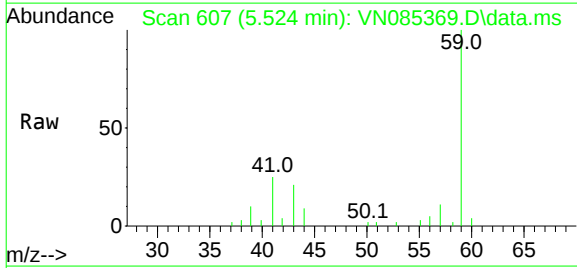
57 11.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 19.543 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

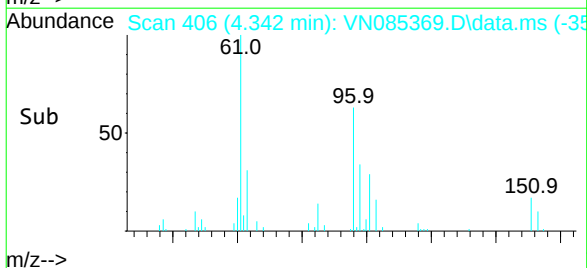
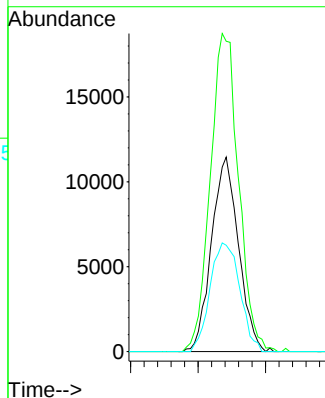
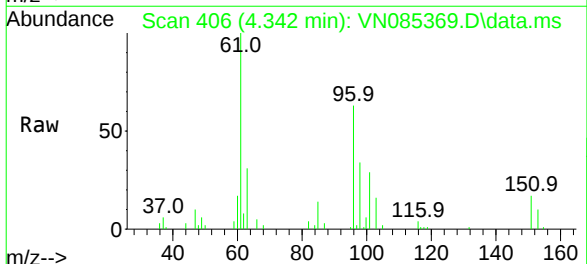
Tgt Ion: 96 Resp: 31956

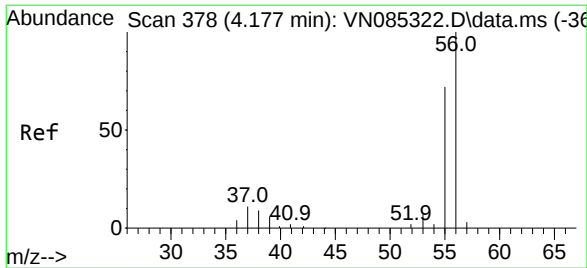
Ion Ratio Lower Upper

96 100

61 159.6 142.4 213.6

98 54.7 51.5 77.3





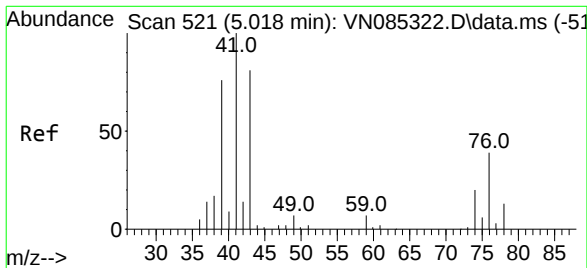
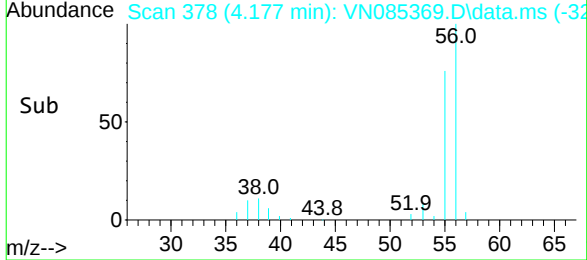
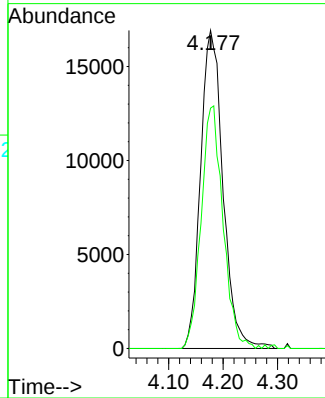
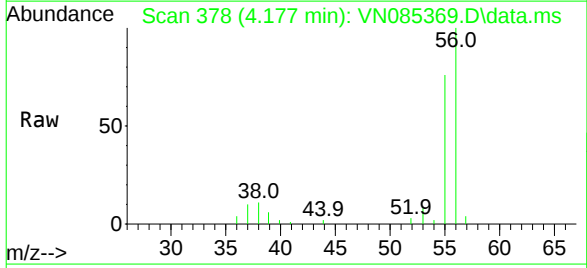
#13
Acrolein
Concen: 118.319 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 56 Resp: 48478
Ion Ratio Lower Upper
56 100
55 74.0 57.5 86.3

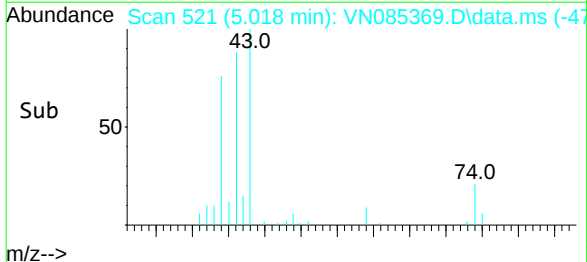
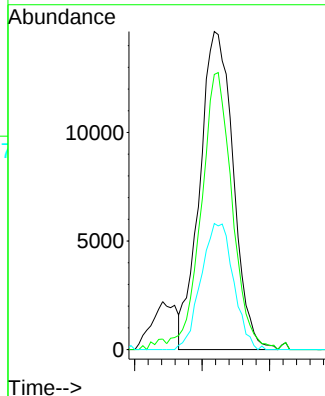
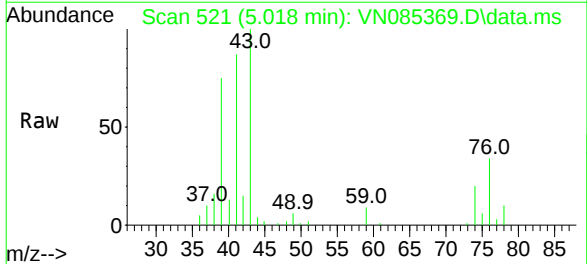
Manual Integrations
APPROVED

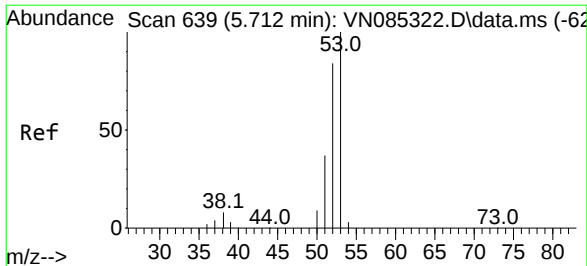
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 19.281 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

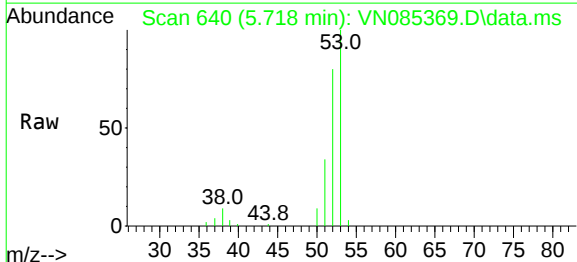
Tgt Ion: 41 Resp: 50458
Ion Ratio Lower Upper
41 100
39 80.4 64.4 96.6
76 38.4 31.5 47.3





#15
Acrylonitrile
Concen: 125.642 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

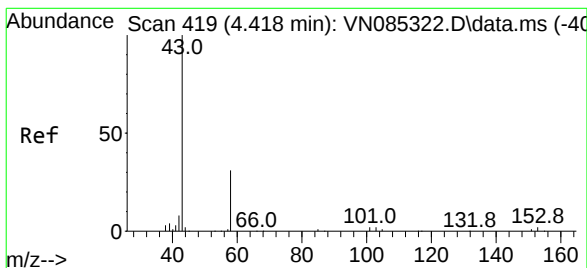
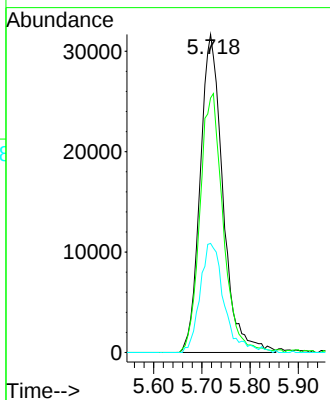
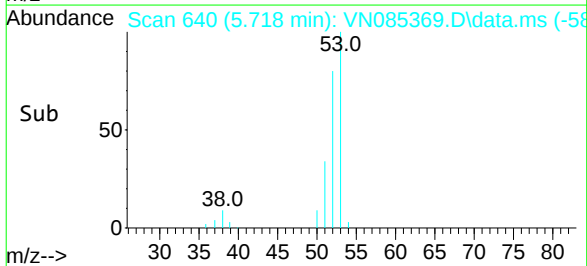
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



Tgt Ion: 53 Resp: 103922
Ion Ratio Lower Upper
53 100
52 82.8 66.6 100.0
51 36.0 29.6 44.4

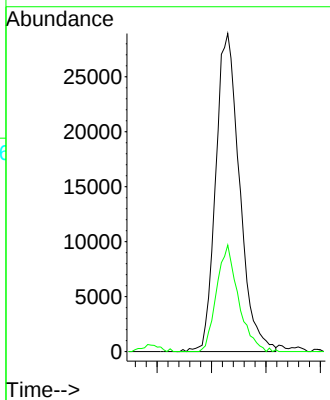
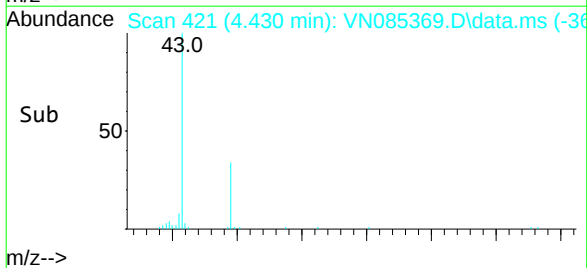
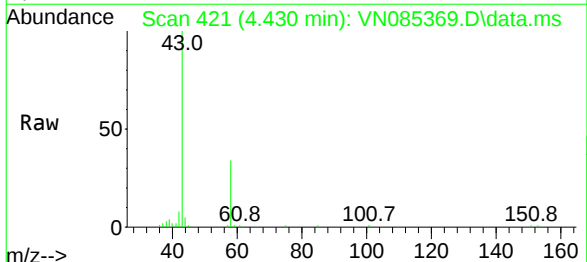
Manual Integrations
APPROVED

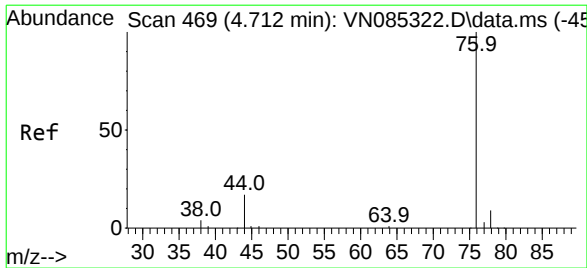
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#16
Acetone
Concen: 127.708 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 43 Resp: 88132
Ion Ratio Lower Upper
43 100
58 33.5 24.5 36.7





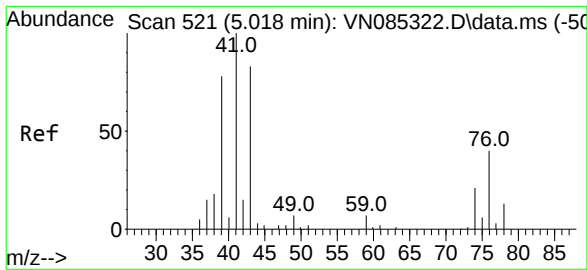
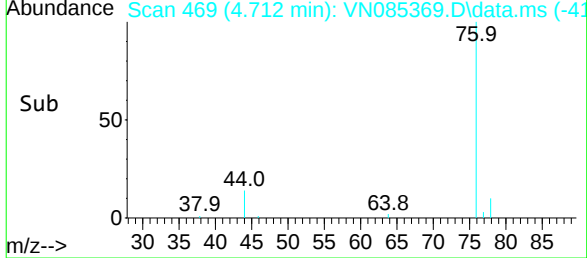
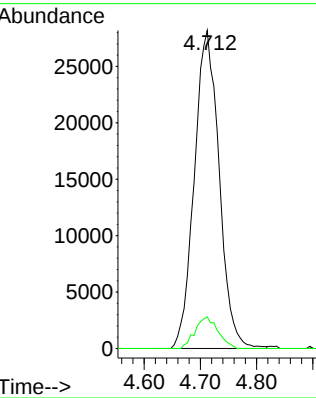
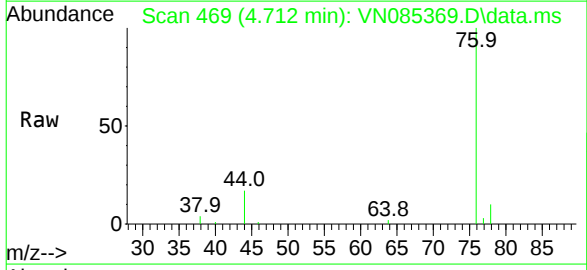
#17
Carbon Disulfide
Concen: 17.369 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 76 Resp: 86401
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

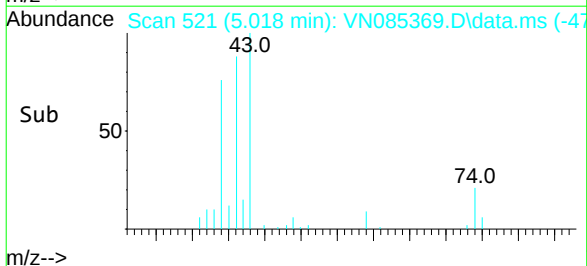
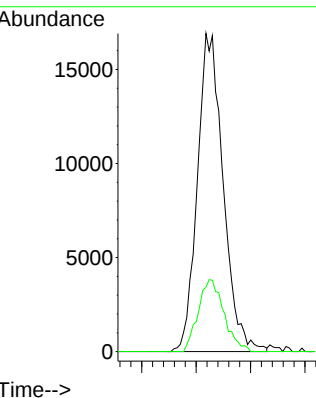
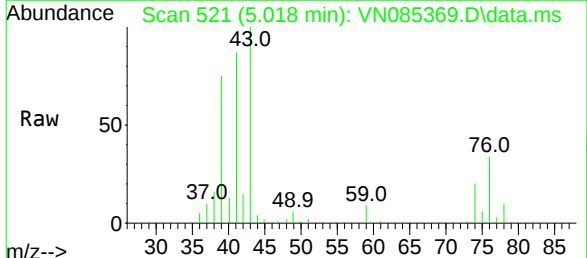
Manual Integrations
APPROVED

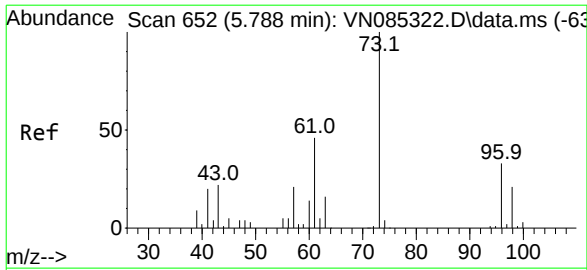
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 26.376 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 43 Resp: 55727
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.6





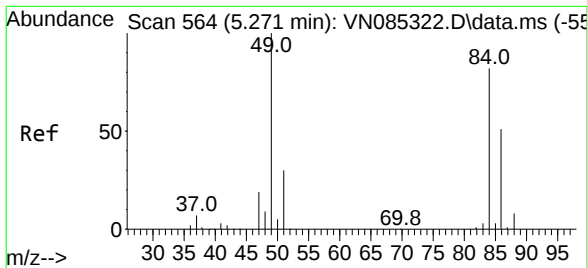
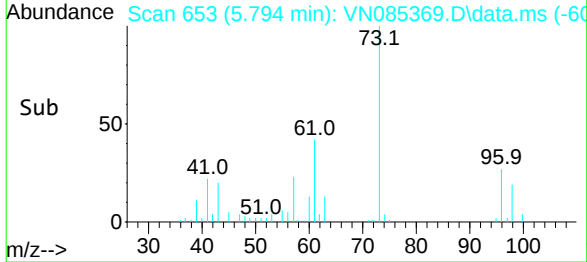
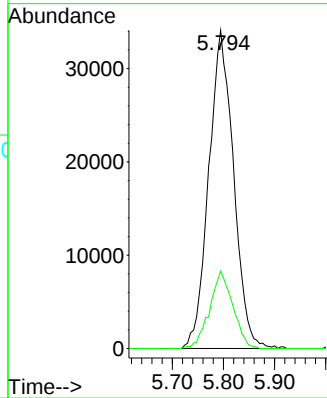
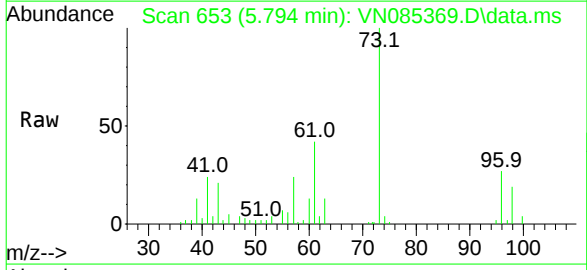
#19
Methyl tert-butyl Ether
Concen: 21.616 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 73 Resp: 114882
Ion Ratio Lower Upper
73 100
57 24.4 17.0 25.6

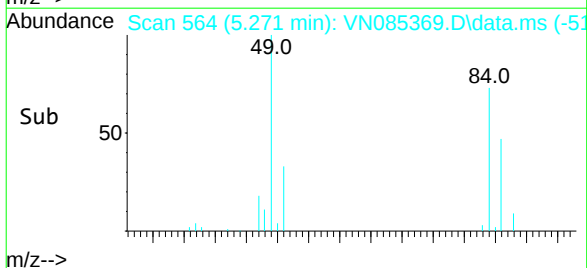
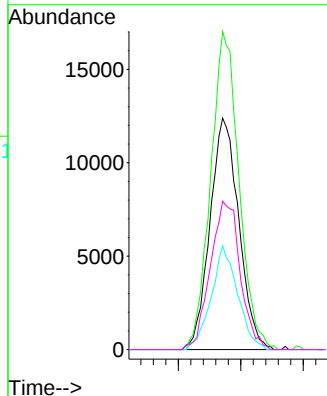
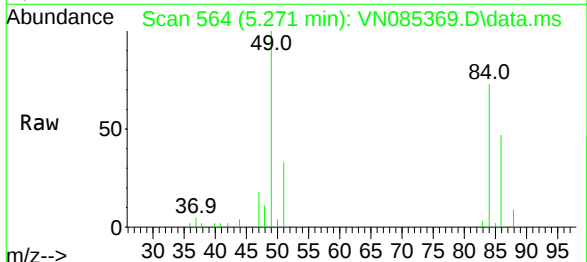
Manual Integrations
APPROVED

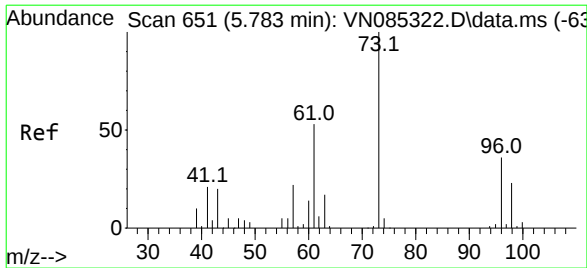
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#20
Methylene Chloride
Concen: 21.402 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

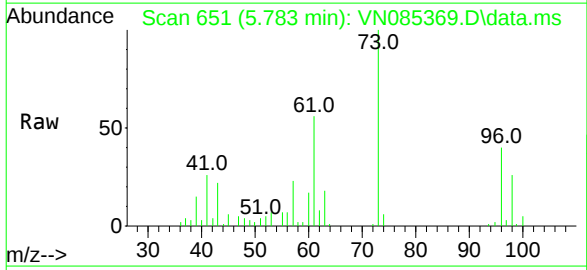
Tgt Ion: 84 Resp: 39727
Ion Ratio Lower Upper
84 100
49 137.4 97.6 146.4
51 44.8 29.1 43.7#
86 64.1 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 19.556 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

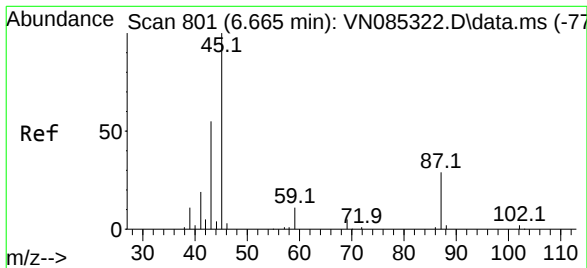
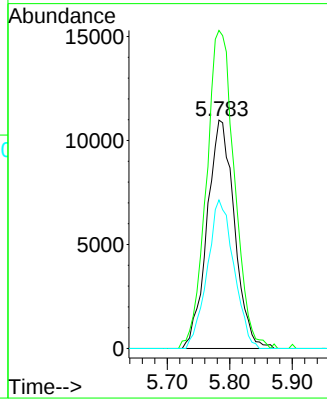
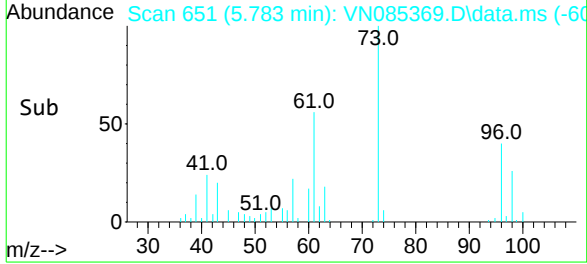
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



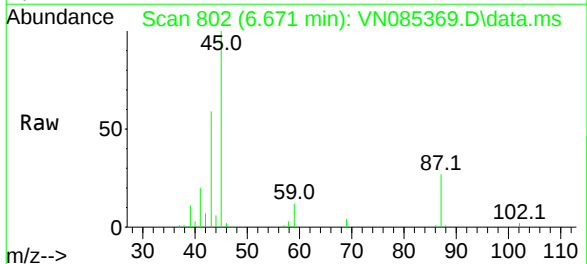
Tgt Ion: 96 Resp: 33403
Ion Ratio Lower Upper
96 100
61 139.3 118.0 177.0
98 65.0 50.6 75.8

Manual Integrations
APPROVED

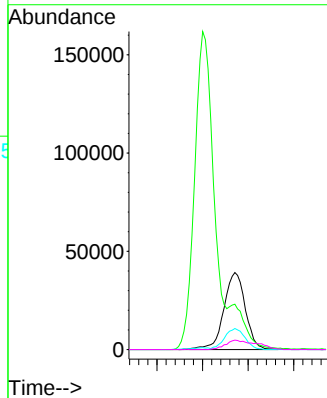
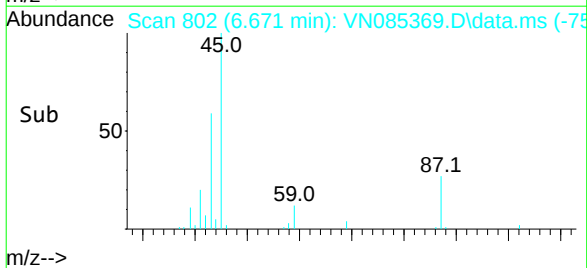
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

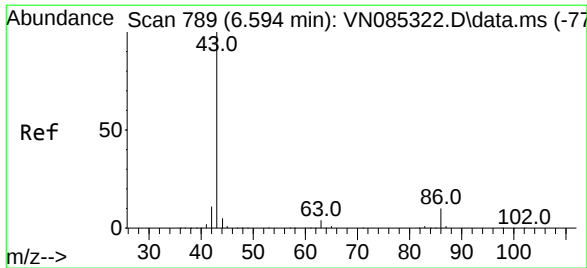


#22
Diisopropyl ether
Concen: 22.787 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28



Tgt Ion: 45 Resp: 128507
Ion Ratio Lower Upper
45 100
43 57.3 44.1 66.1
87 27.3 23.2 34.8
59 12.3 9.0 13.6





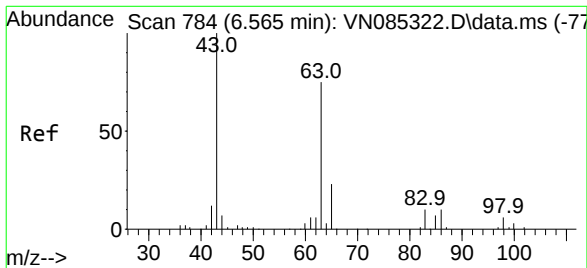
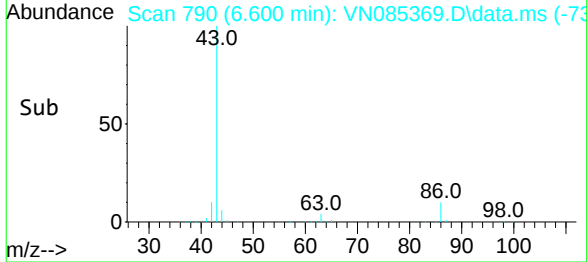
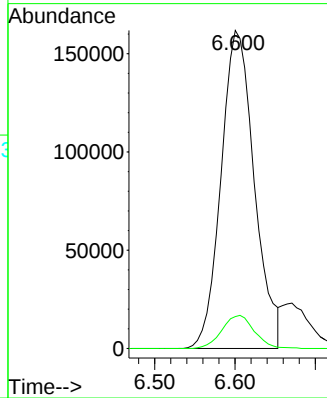
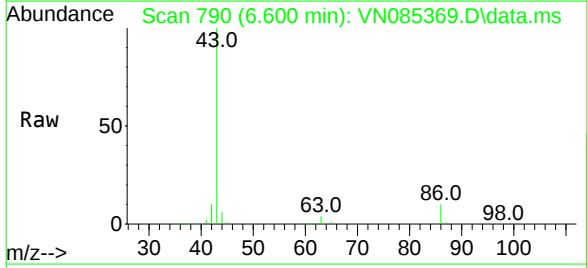
#23
 Vinyl Acetate
 Concen: 114.382 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBSD01

Tgt Ion: 43 Resp: 466640
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

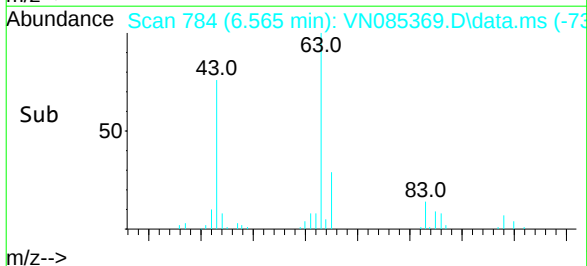
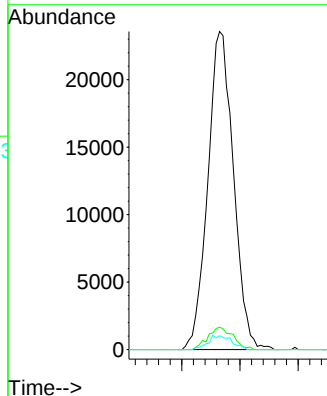
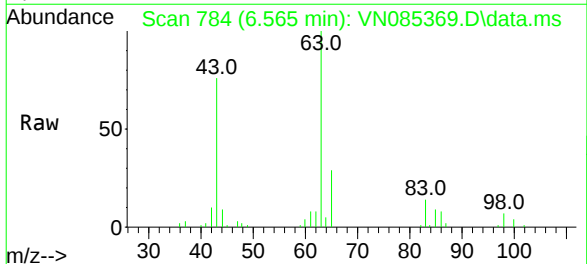
Manual Integrations
 APPROVED

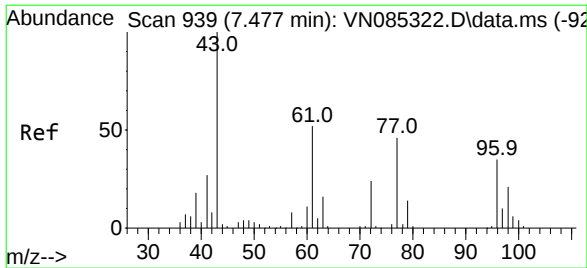
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#24
 1,1-Dichloroethane
 Concen: 21.238 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

Tgt Ion: 63 Resp: 72147
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.4 2.3 6.8





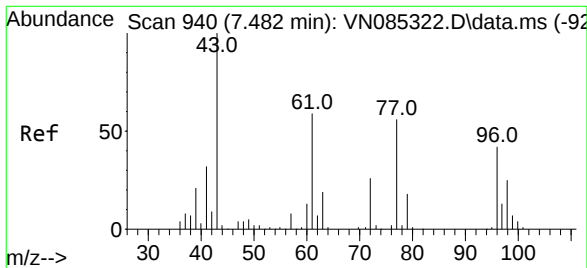
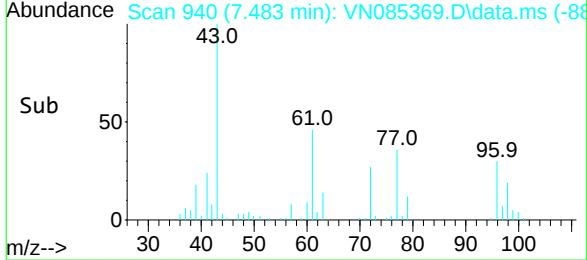
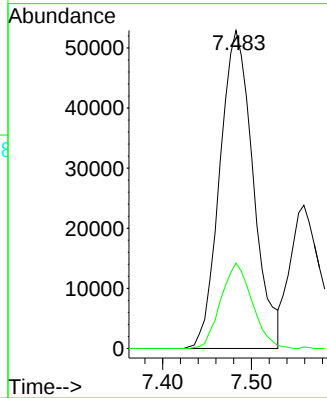
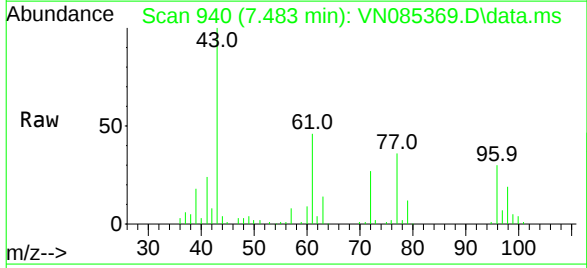
#25
2-Butanone
Concen: 129.058 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 43 Resp: 138173
Ion Ratio Lower Upper
43 100
72 26.8 19.6 29.4

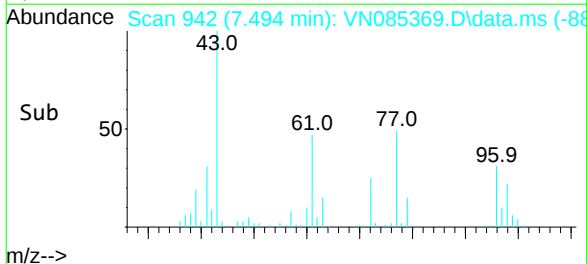
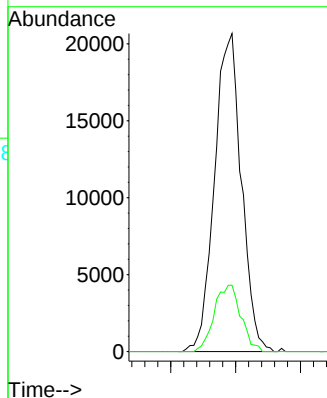
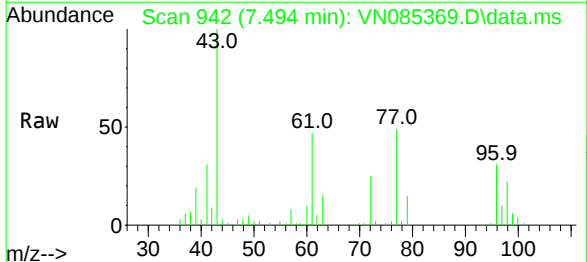
Manual Integrations
APPROVED

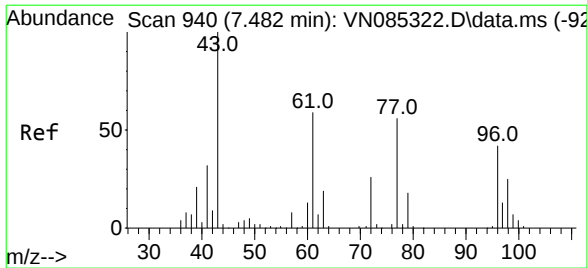
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 19.972 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 77 Resp: 59440
Ion Ratio Lower Upper
77 100
97 20.7 10.6 31.8





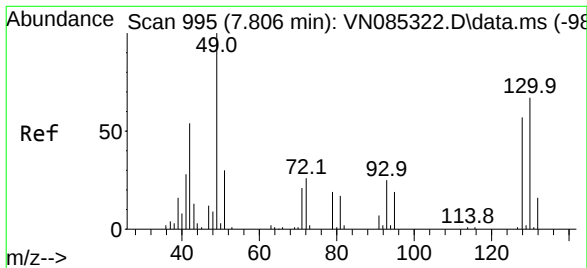
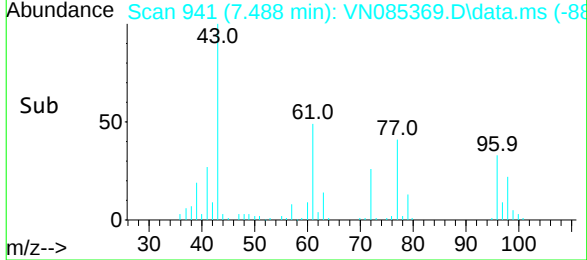
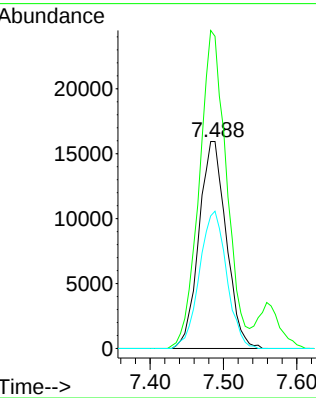
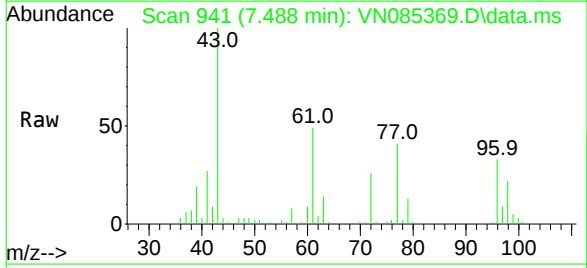
#27
 cis-1,2-Dichloroethene
 Concen: 20.531 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBSD01

Tgt Ion: 96 Resp: 41160
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 296.4
 98 66.4 0.0 124.2

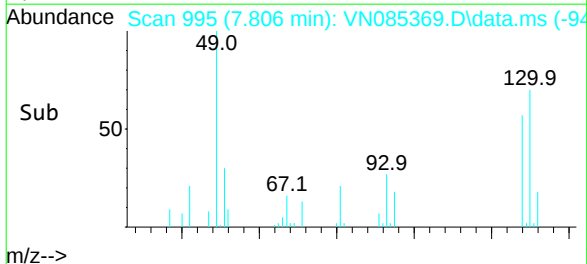
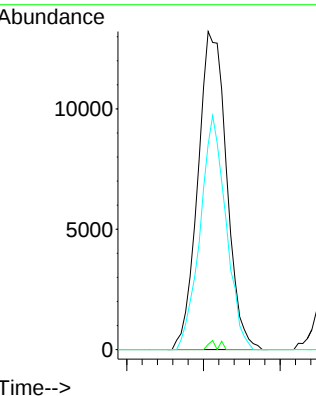
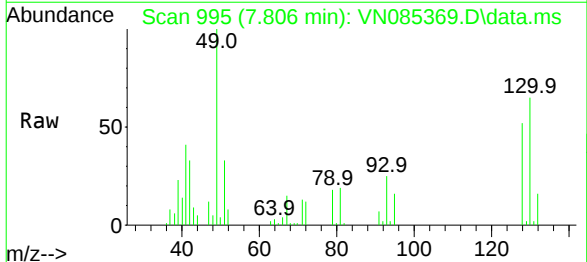
Manual Integrations
 APPROVED

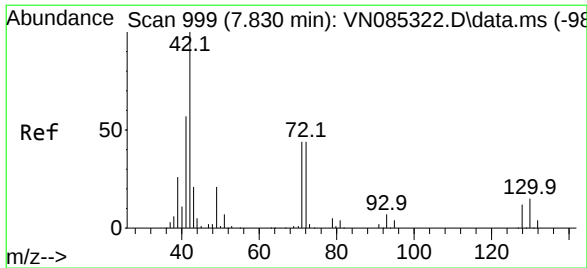
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#28
 Bromochloromethane
 Concen: 21.778 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

Tgt Ion: 49 Resp: 34380
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.0
 130 66.1 0.0 0.0#





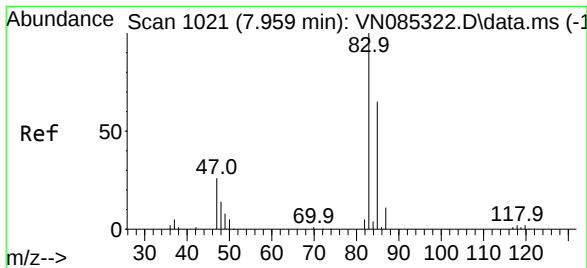
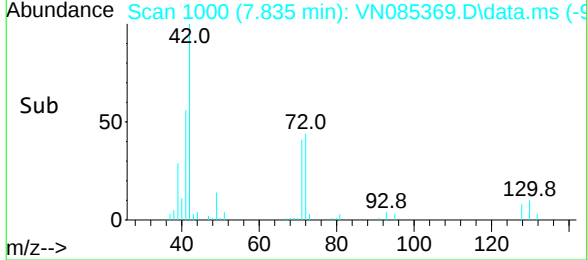
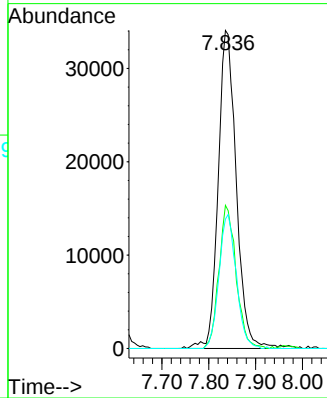
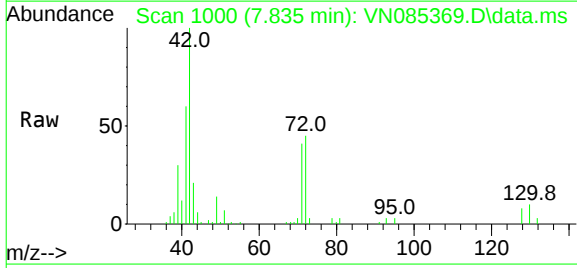
#29
Tetrahydrofuran
Concen: 132.008 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 42 Resp: 91039
Ion Ratio Lower Upper
42 100
72 42.9 35.1 52.7
71 40.3 33.4 50.0

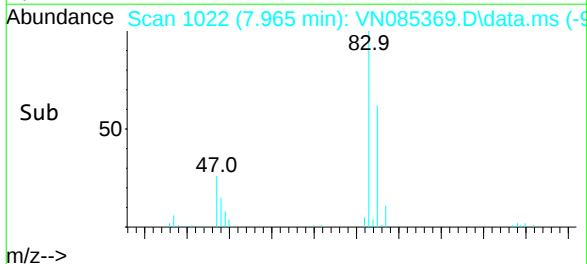
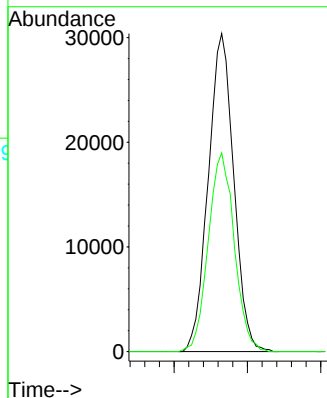
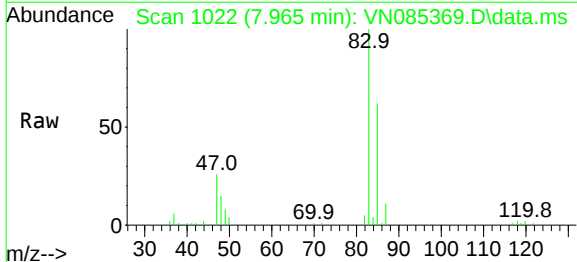
Manual Integrations
APPROVED

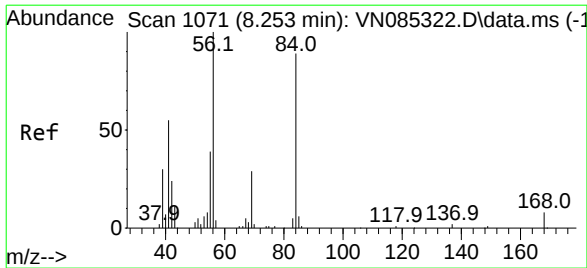
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 21.121 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

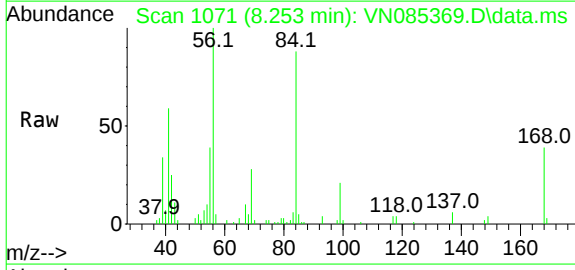
Tgt Ion: 83 Resp: 73403
Ion Ratio Lower Upper
83 100
85 62.5 52.0 78.0





#31
Cyclohexane
Concen: 18.376 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

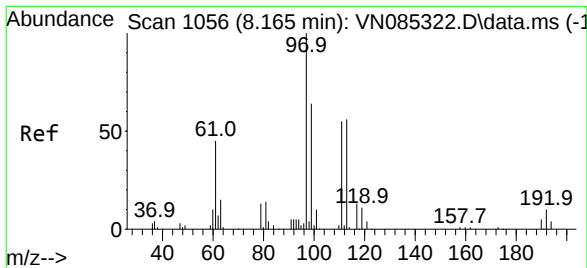
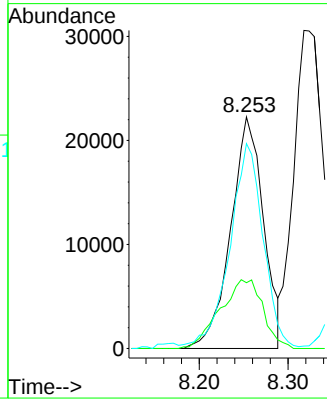
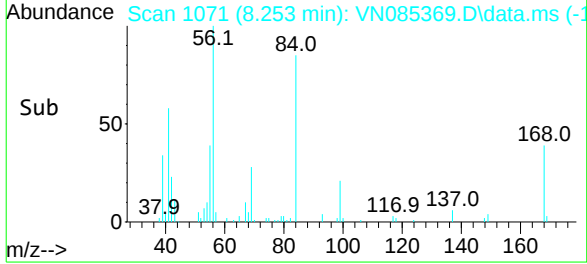
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



Tgt Ion: 56 Resp: 57002
Ion Ratio Lower Upper
56 100
69 28.4 23.4 35.0
84 87.1 71.0 106.6

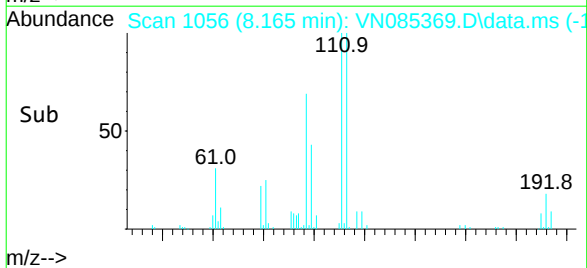
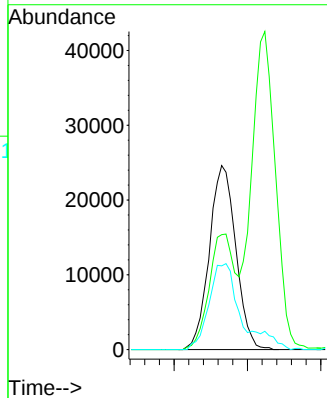
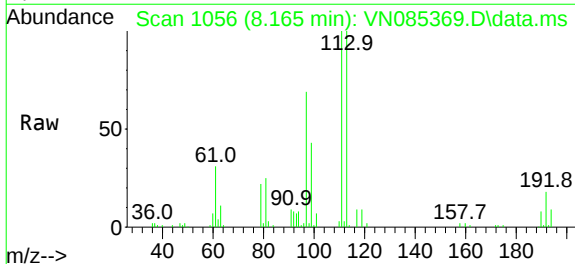
Manual Integrations
APPROVED

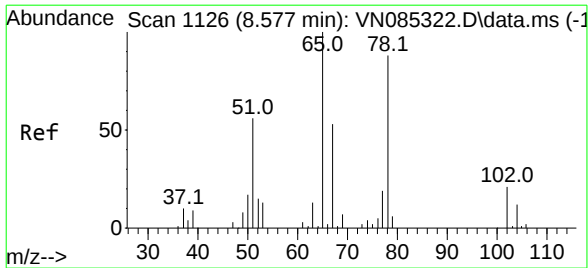
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#32
1,1,1-Trichloroethane
Concen: 19.869 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

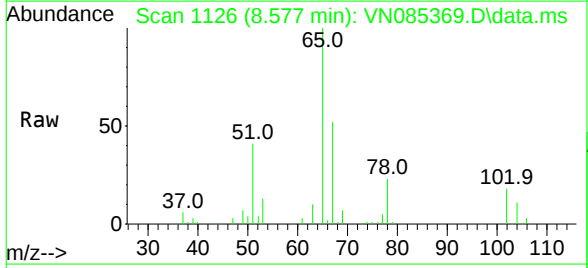
Tgt Ion: 97 Resp: 61670
Ion Ratio Lower Upper
97 100
99 62.3 53.3 79.9
61 56.6 39.6 59.4





#33
1,2-Dichloroethane-d4
Concen: 54.421 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

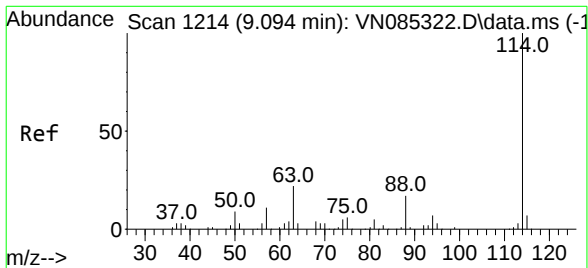
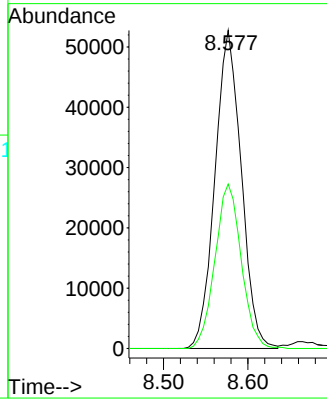
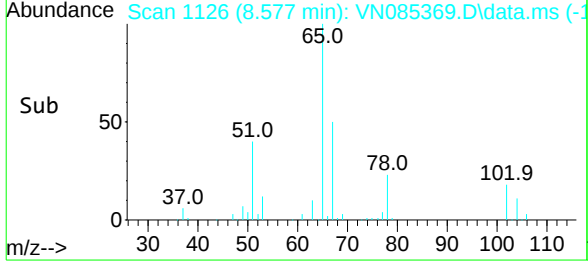
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



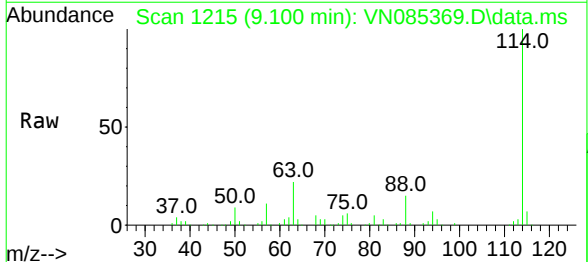
Tgt Ion: 65 Resp: 114213
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

Manual Integrations
APPROVED

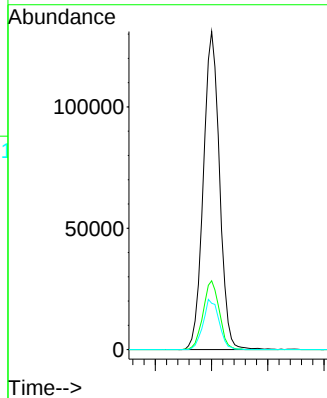
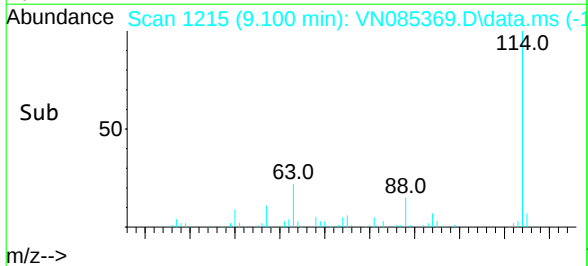
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

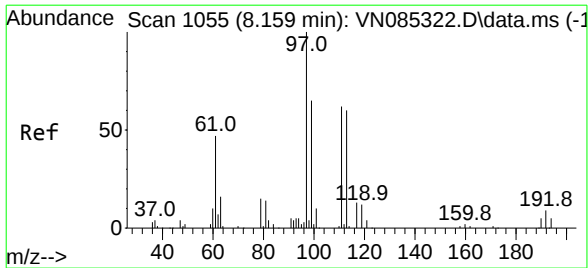


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28



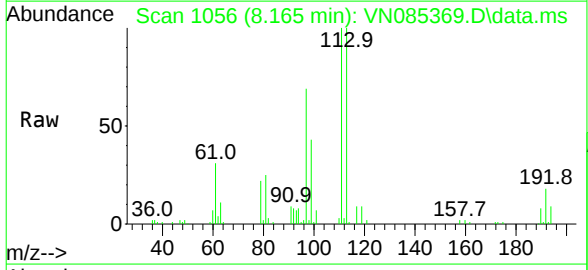
Tgt Ion:114 Resp: 262158
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 14.6 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 52.487 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

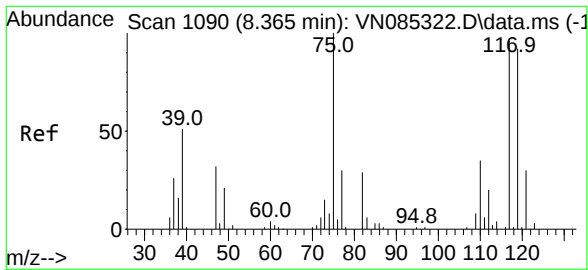
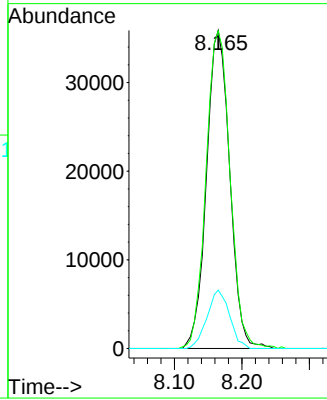
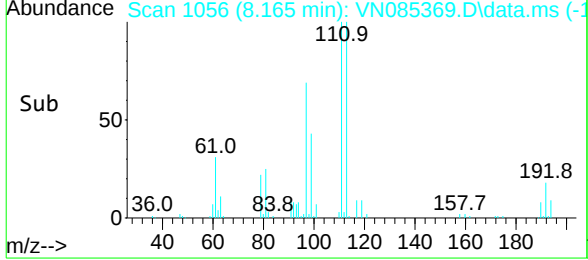
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBSD01



Tgt Ion:	113	Resp:	85842
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	17.7	12.9	19.3

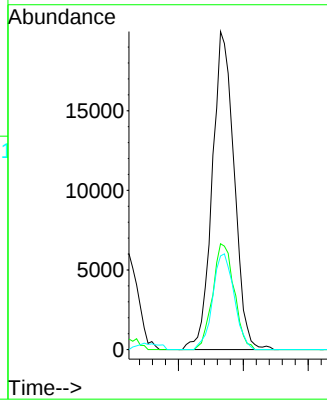
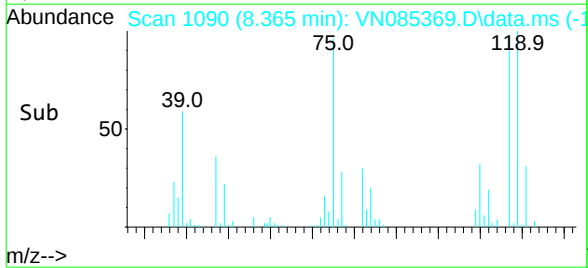
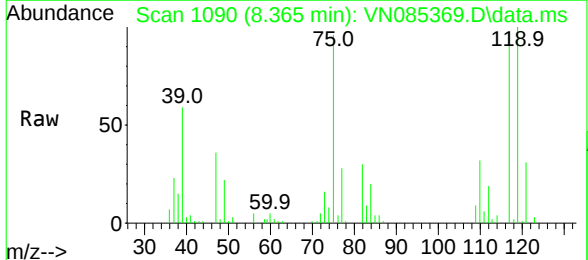
Manual Integrations
 APPROVED

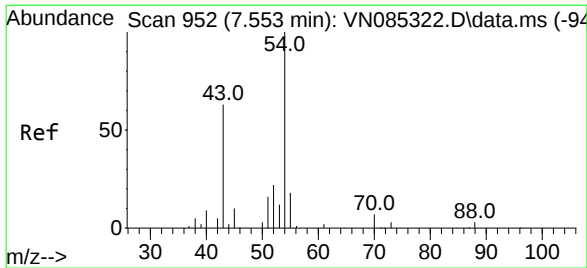
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#36
 1,1-Dichloropropene
 Concen: 19.544 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

Tgt Ion:	75	Resp:	46801
Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.6	49.8
77	29.5	24.3	36.5





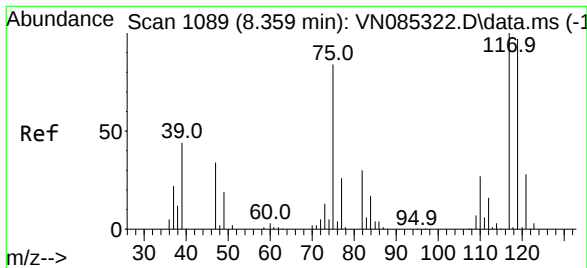
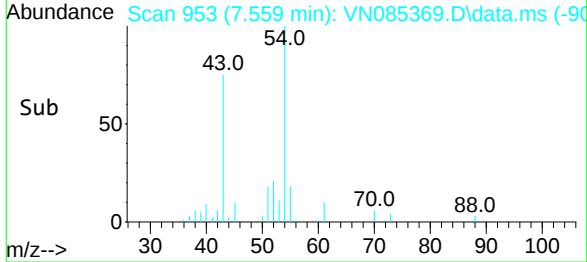
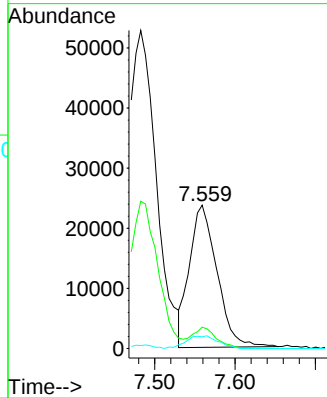
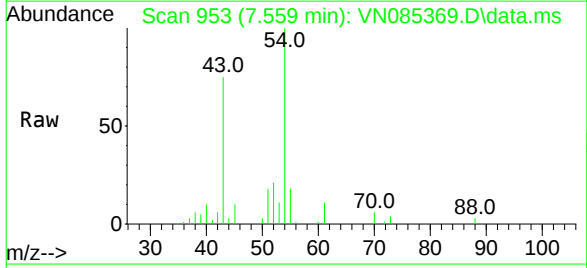
#37
Ethyl Acetate
Concen: 23.640 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:	43	Resp:	56265
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	10.3	8.2	12.2

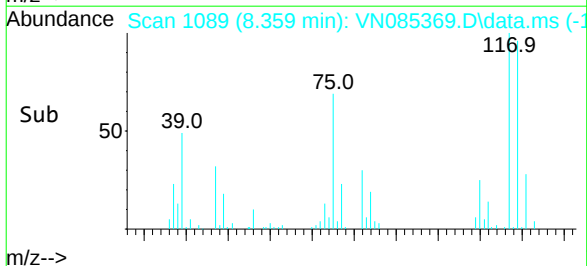
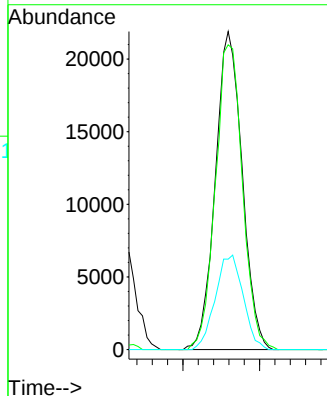
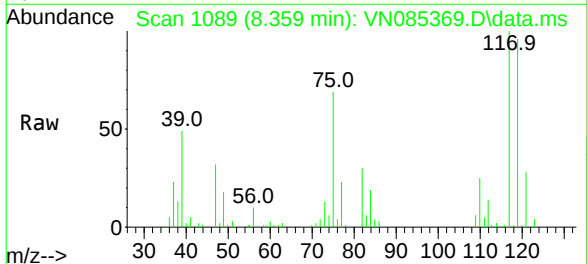
Manual Integrations
APPROVED

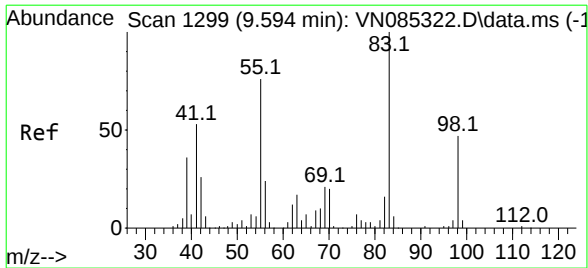
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 20.361 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

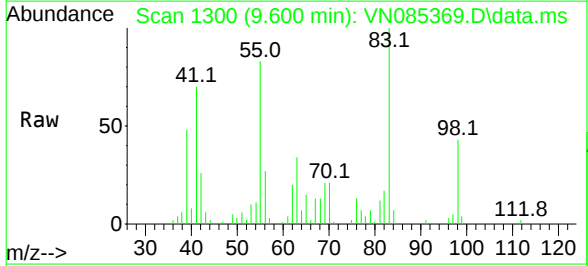
Tgt Ion:	117	Resp:	53145
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.6
121	28.4	22.5	33.7





#39
Methylcyclohexane
Concen: 18.538 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

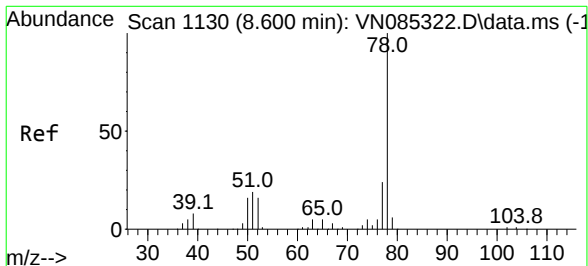
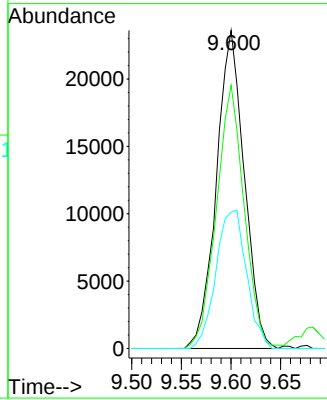
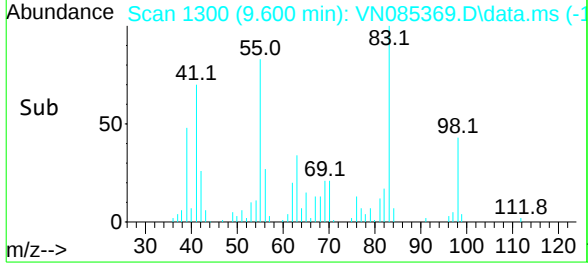
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



Tgt Ion: 83 Resp: 46057
Ion Ratio Lower Upper
83 100
55 82.8 60.7 91.1
98 42.9 37.7 56.5

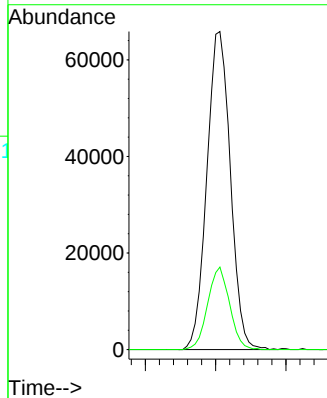
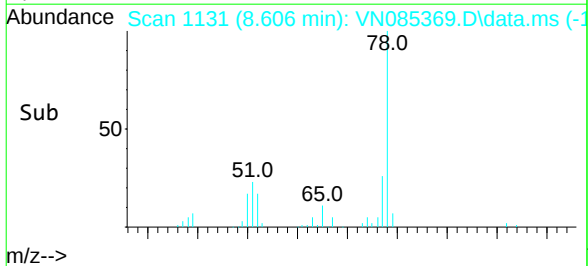
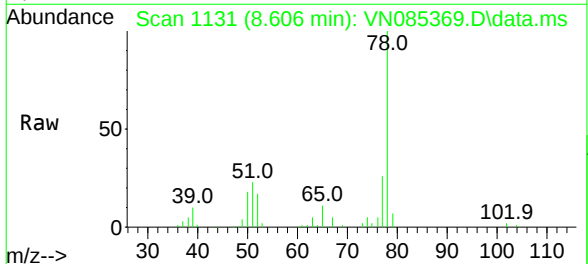
Manual Integrations
APPROVED

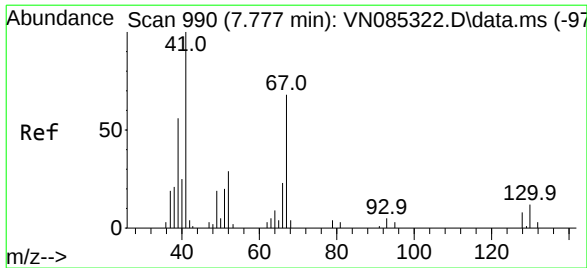
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 21.149 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 78 Resp: 153115
Ion Ratio Lower Upper
78 100
77 26.0 19.0 28.4





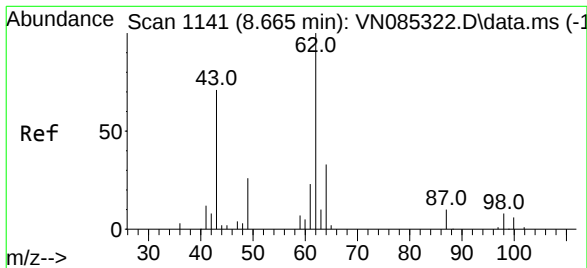
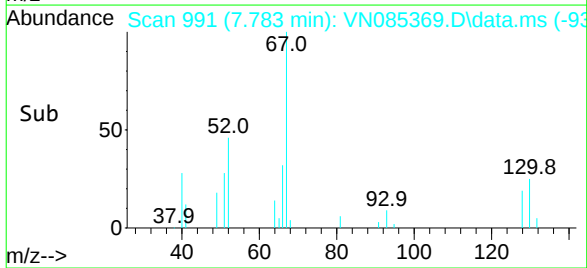
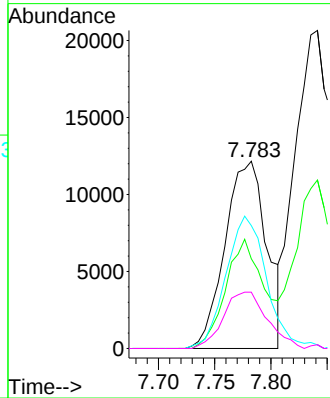
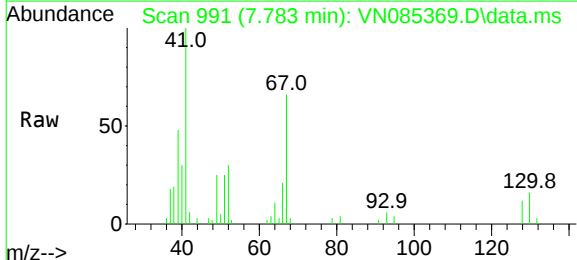
#41
Methacrylonitrile
Concen: 25.789 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:	41	Resp:	31436
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.8	68.8
67	68.9	57.1	85.7
52	31.6	25.1	37.7

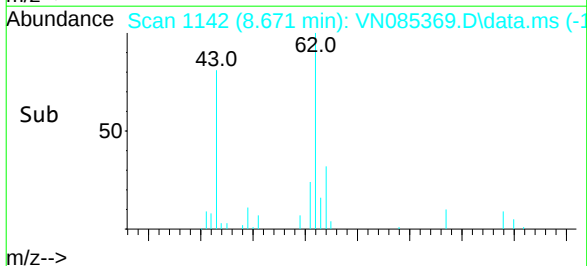
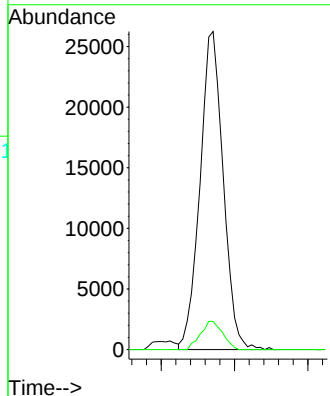
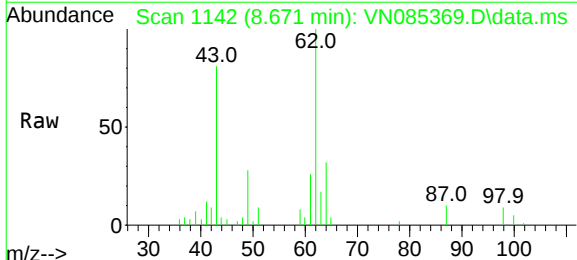
Manual Integrations
APPROVED

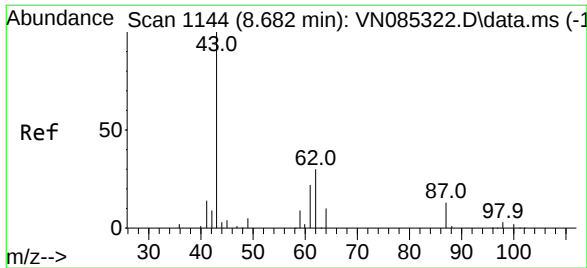
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 22.236 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:	62	Resp:	57720
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 24.013 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBSD01

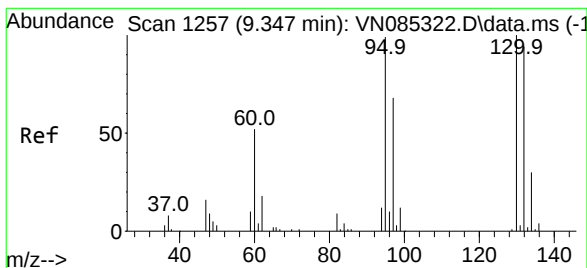
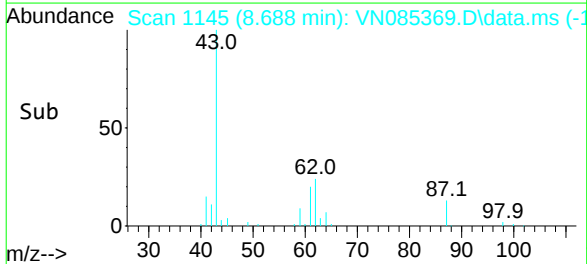
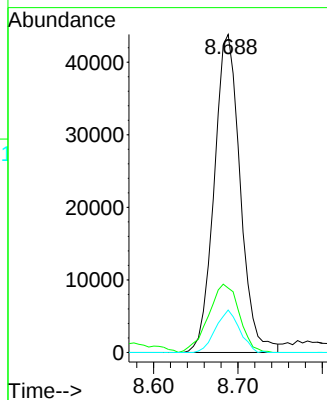
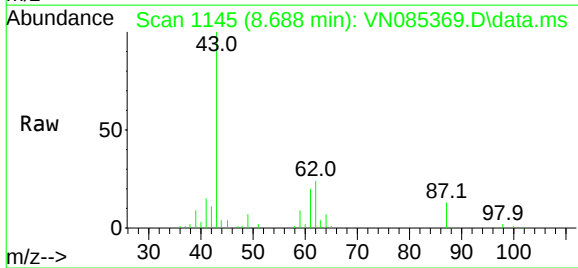
Tgt Ion:	43	Resp:	94110
Ion	Ratio	Lower	Upper
43	100		
61	25.5	20.8	31.2
87	12.2	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#44

Trichloroethene

Concen: 19.657 ug/l

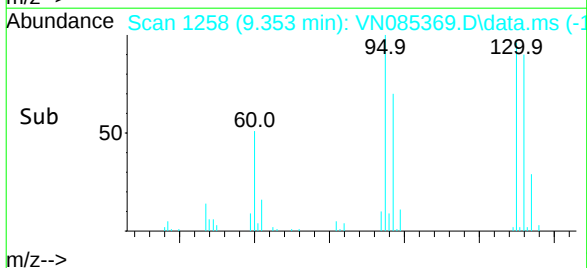
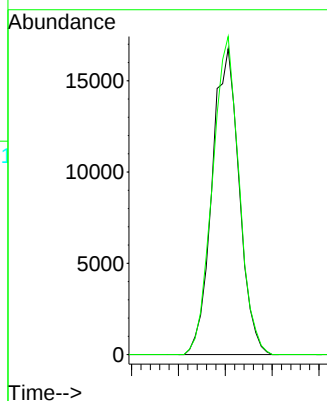
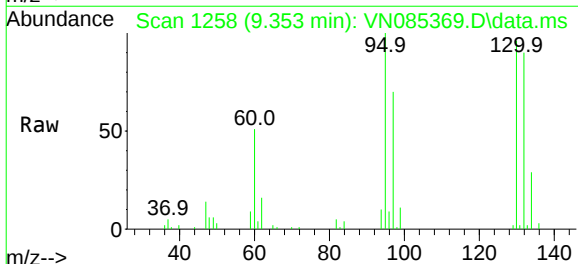
RT: 9.353 min Scan# 1258

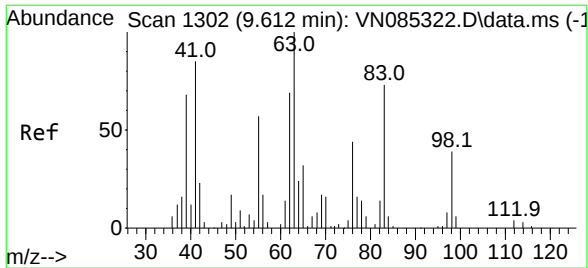
Delta R.T. 0.006 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Tgt Ion:	130	Resp:	33693
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	197.8





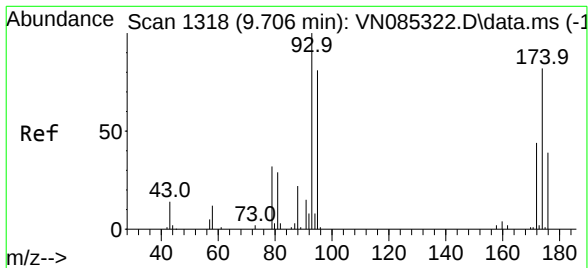
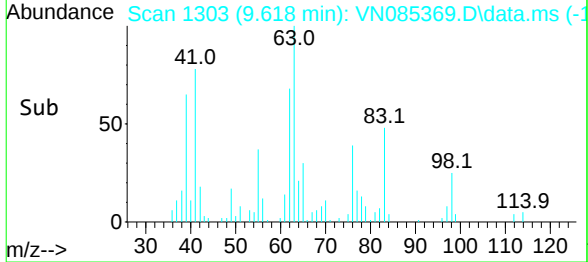
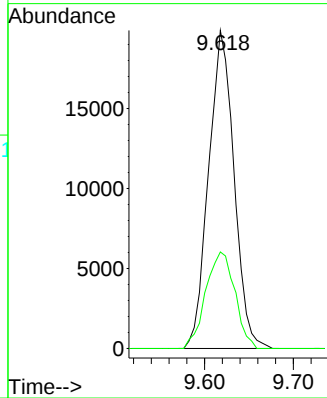
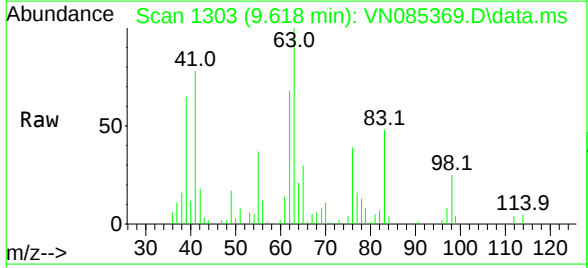
#45
1,2-Dichloropropane
Concen: 21.512 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 63 Resp: 39537
Ion Ratio Lower Upper
63 100
65 30.4 25.5 38.3

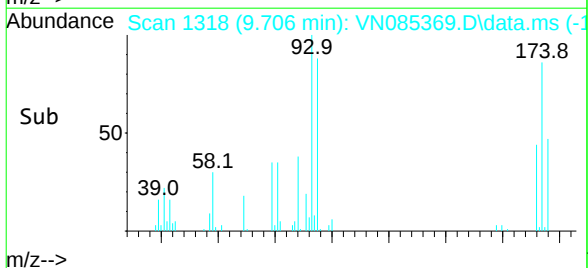
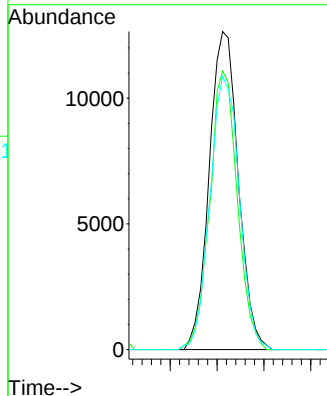
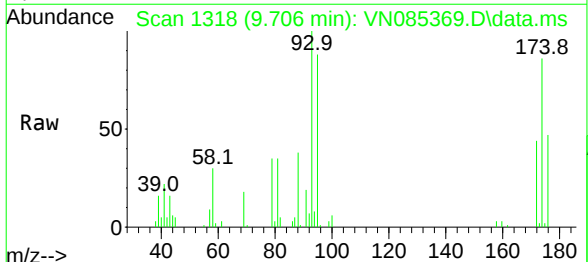
Manual Integrations
APPROVED

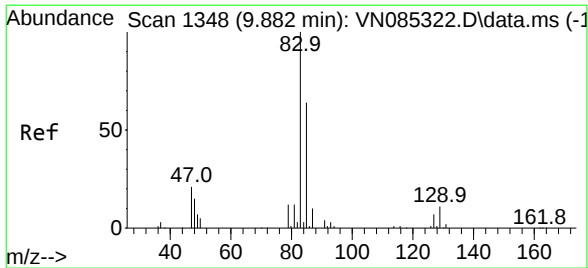
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 21.337 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 93 Resp: 27273
Ion Ratio Lower Upper
93 100
95 83.1 65.3 97.9
174 86.9 66.4 99.6





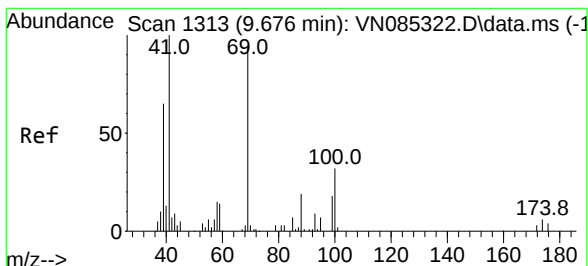
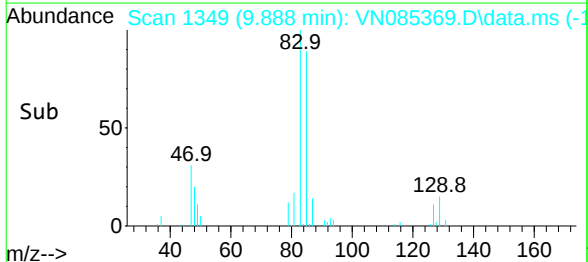
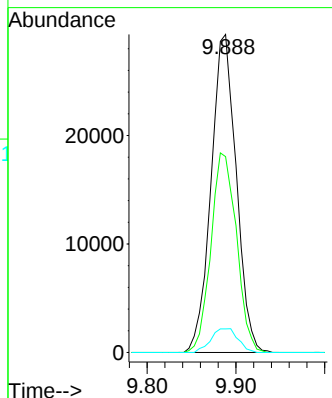
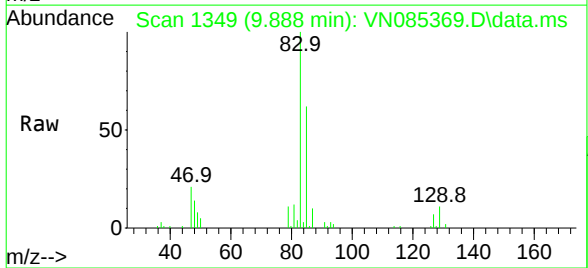
#47
Bromodichloromethane
Concen: 21.775 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:	83	Resp:	57849
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.0	76.4
127	7.4	5.8	8.6

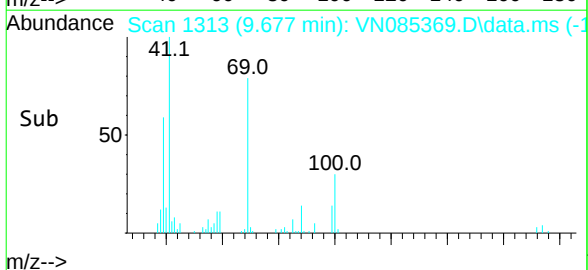
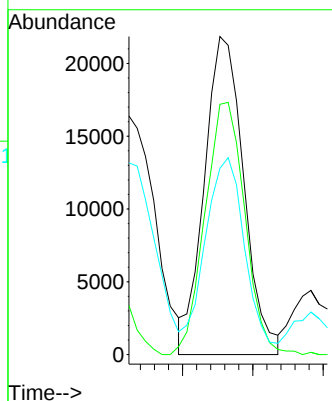
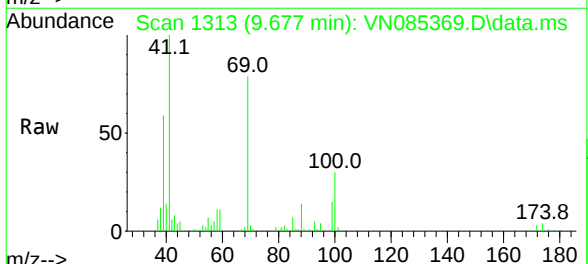
Manual Integrations
APPROVED

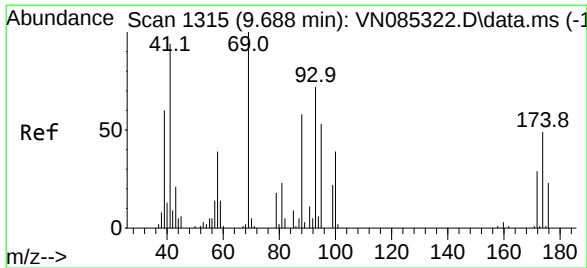
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 25.035 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

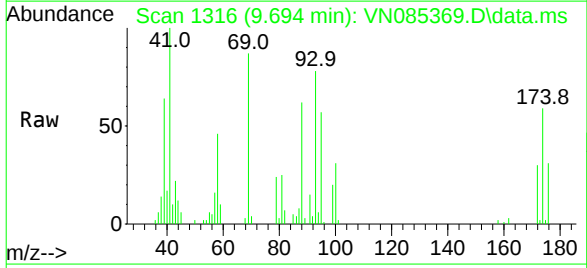
Tgt Ion:	41	Resp:	42573
Ion	Ratio	Lower	Upper
41	100		
69	80.1	67.7	101.5
39	63.0	51.2	76.8





#49
1,4-Dioxane
Concen: 568.410 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

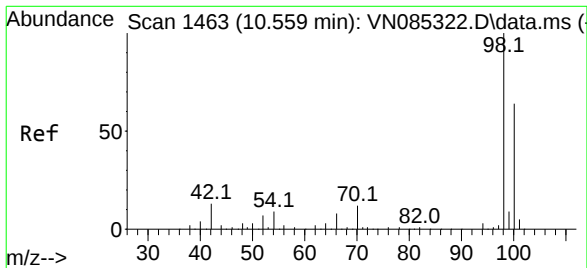
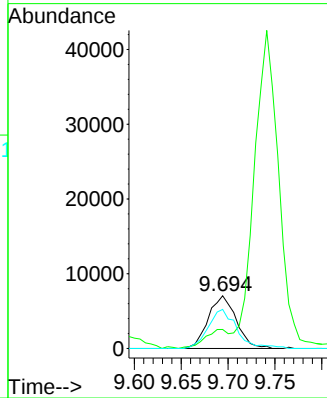
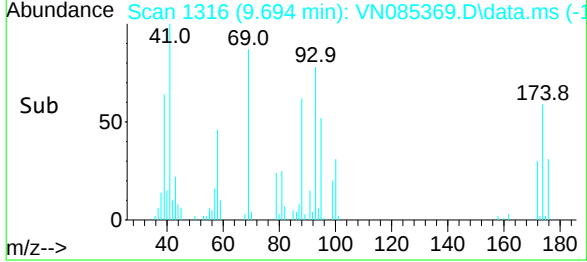
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



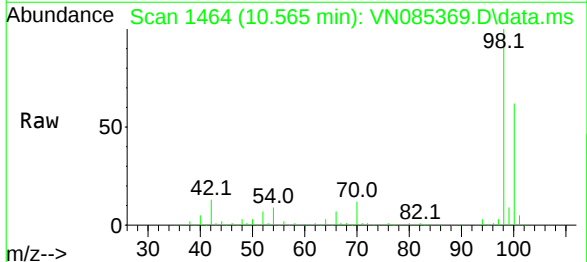
Tgt Ion: 88 Resp: 14584
Ion Ratio Lower Upper
88 100
43 30.1 22.1 33.1
58 76.6 56.7 85.1

Manual Integrations
APPROVED

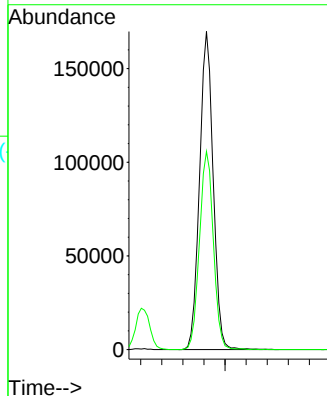
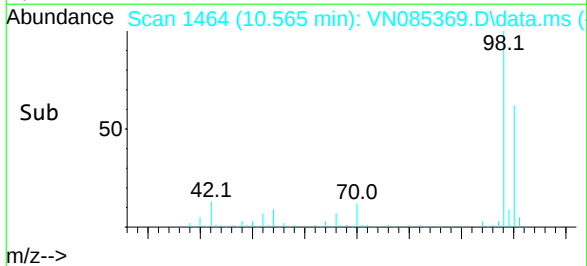
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

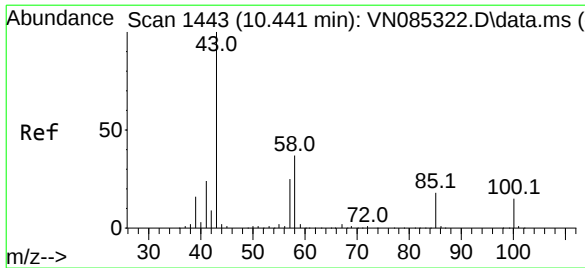


#50
Toluene-d8
Concen: 50.761 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28



Tgt Ion: 98 Resp: 304645
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3





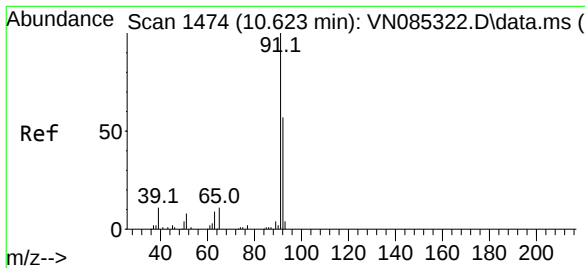
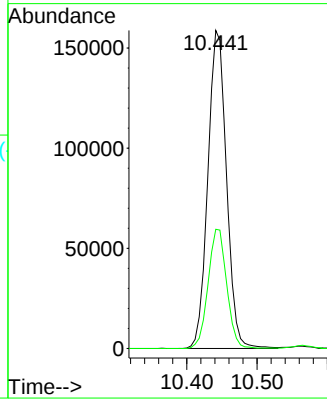
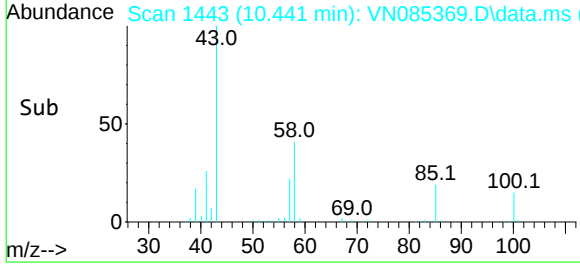
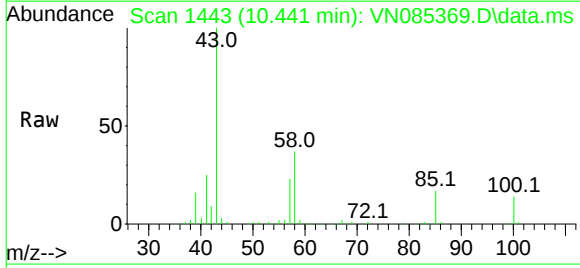
#51
4-Methyl-2-Pentanone
Concen: 132.816 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 43 Resp: 292512
Ion Ratio Lower Upper
43 100
58 37.5 30.3 45.5

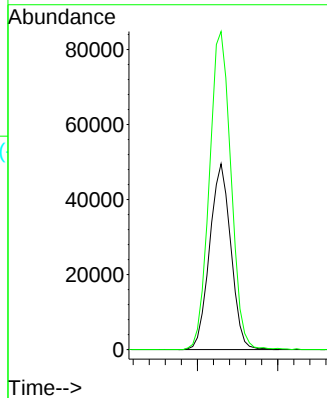
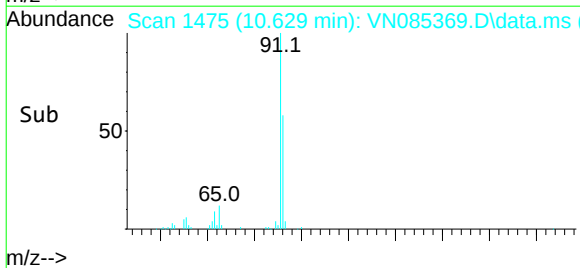
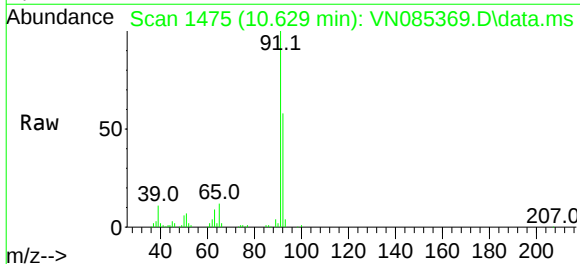
Manual Integrations
APPROVED

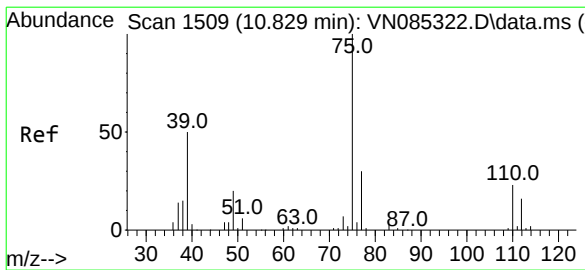
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 21.066 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

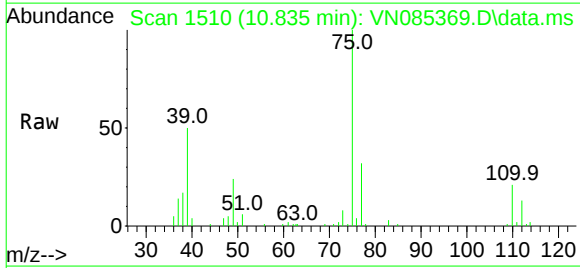
Tgt Ion: 92 Resp: 90815
Ion Ratio Lower Upper
92 100
91 174.8 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 21.720 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

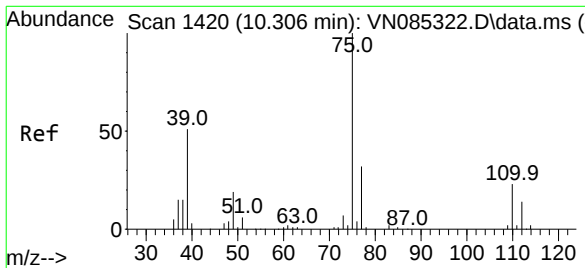
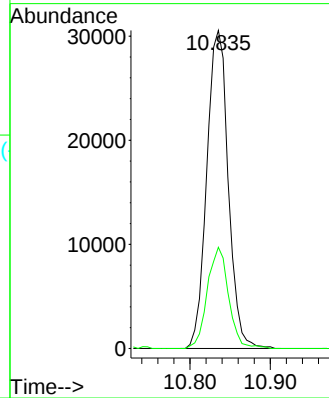
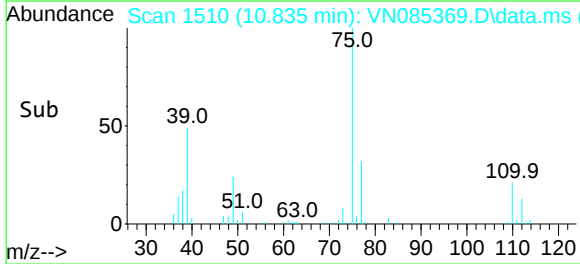
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBSD01



Tgt Ion: 75 Resp: 56745
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.8 35.6

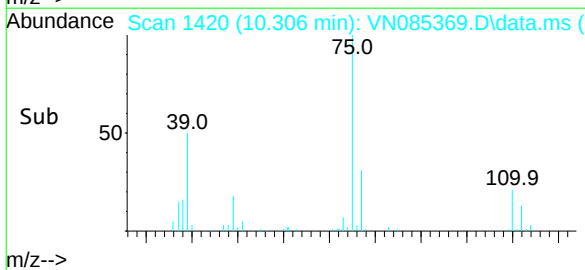
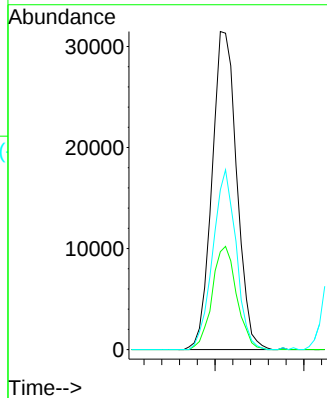
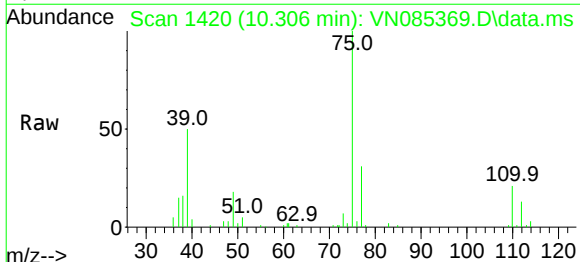
Manual Integrations
 APPROVED

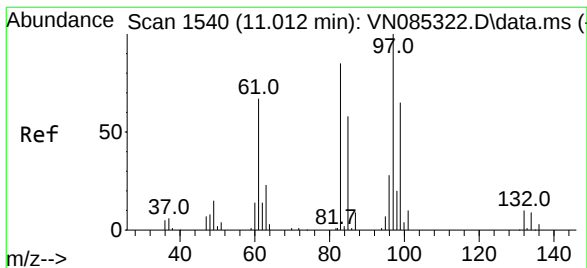
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#54
 cis-1,3-Dichloropropene
 Concen: 21.597 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085369.D
 Acq: 31 Dec 2024 13:28

Tgt Ion: 75 Resp: 61014
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 50.2 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 22.370 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBSD01

Tgt Ion: 97 Resp: 36409

Ion Ratio Lower Upper

97 100

83 95.6 67.7 101.5

85 58.9 46.2 69.4

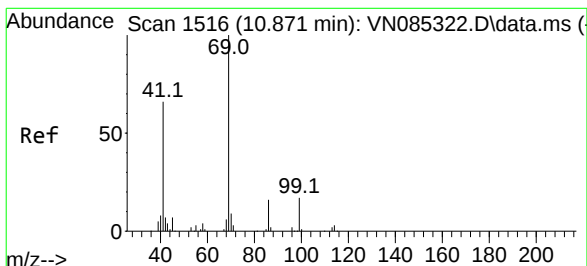
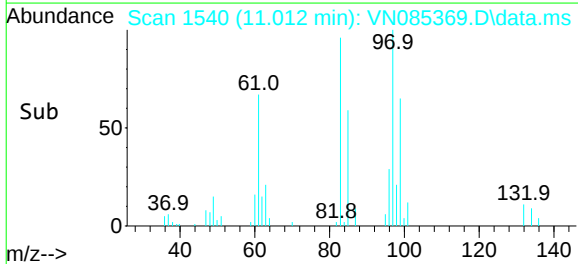
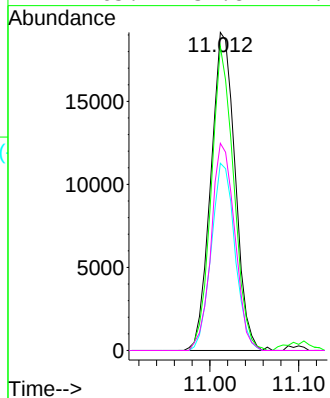
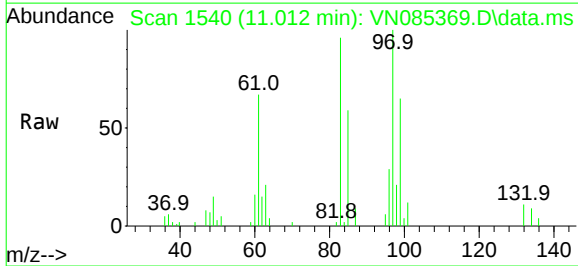
99 65.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#56

Ethyl methacrylate

Concen: 23.621 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

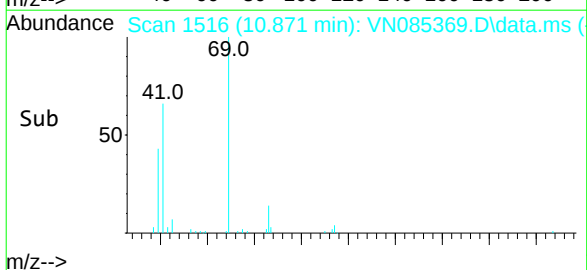
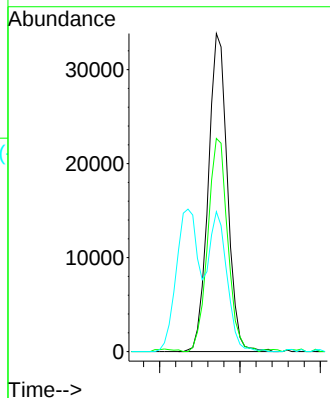
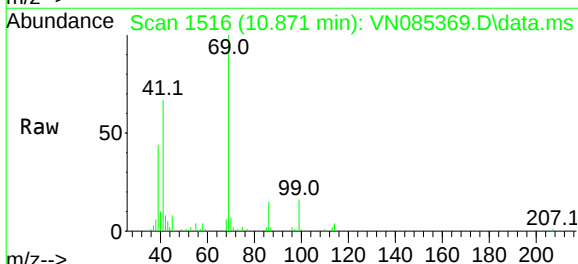
Tgt Ion: 69 Resp: 55991

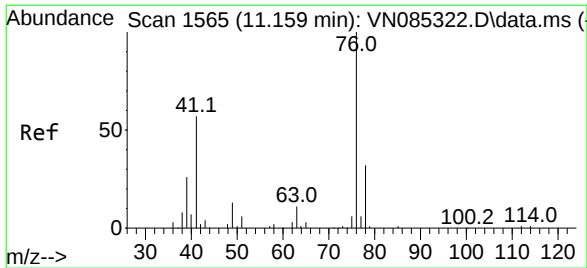
Ion Ratio Lower Upper

69 100

41 69.6 54.3 81.5

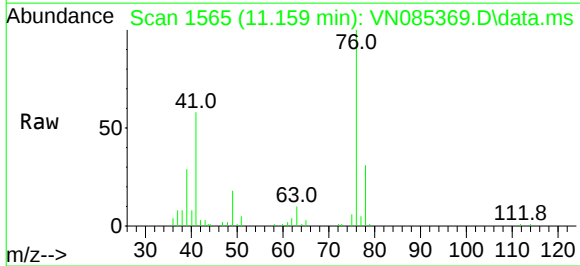
39 42.7 32.0 48.0





#57
1,3-Dichloropropane
Concen: 22.870 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

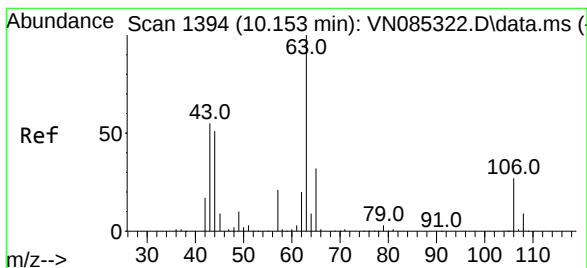
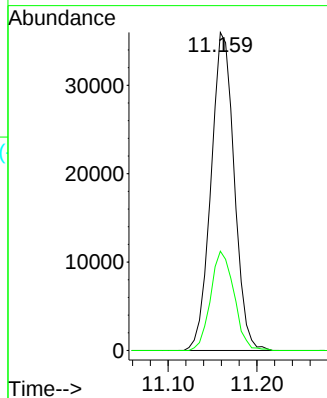
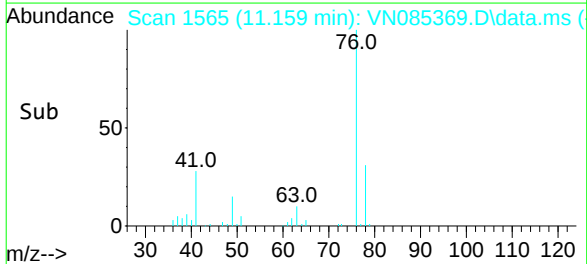
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



Tgt Ion: 76 Resp: 65330
Ion Ratio Lower Upper
76 100
78 31.5 25.5 38.3

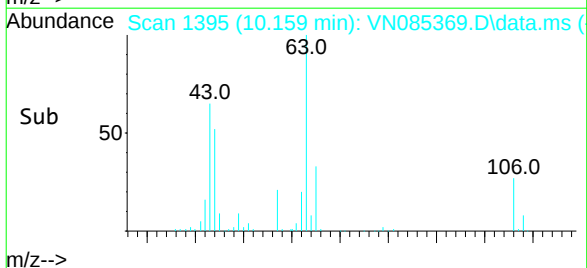
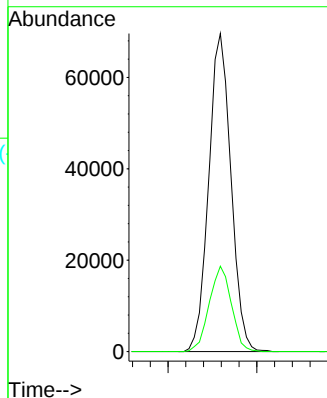
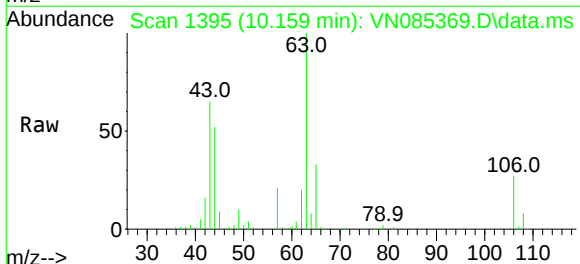
Manual Integrations
APPROVED

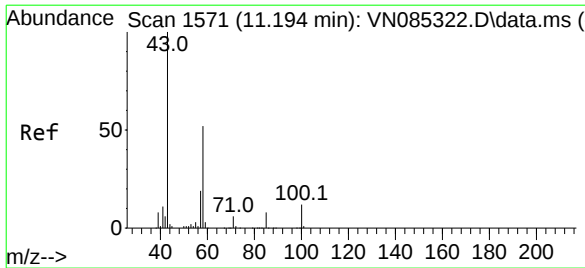
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 105.576 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 63 Resp: 121080
Ion Ratio Lower Upper
63 100
106 26.7 22.1 33.1





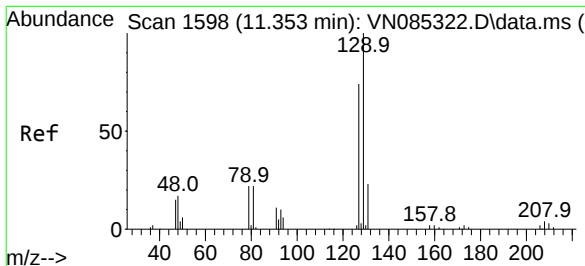
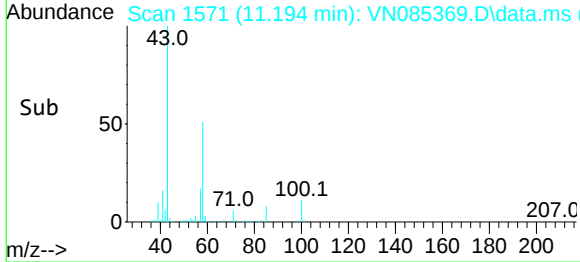
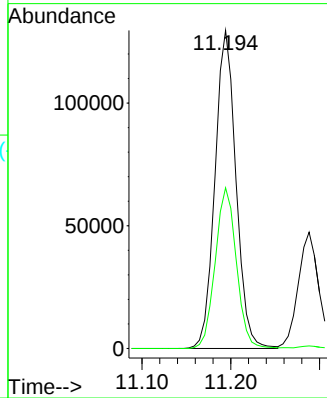
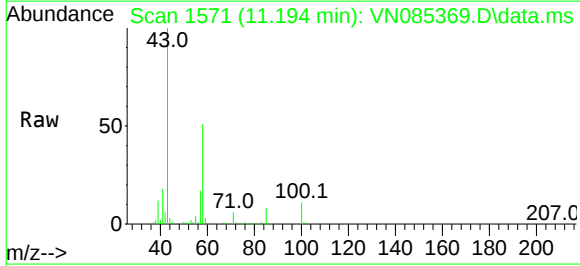
#59
2-Hexanone
Concen: 139.281 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 43 Resp: 212825
Ion Ratio Lower Upper
43 100
58 50.9 26.5 79.5

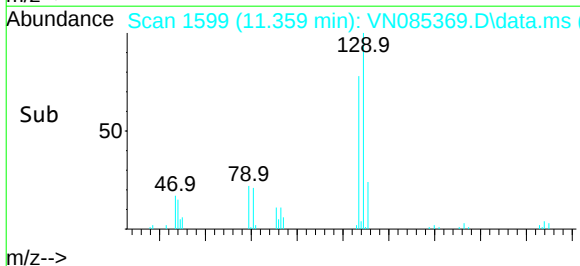
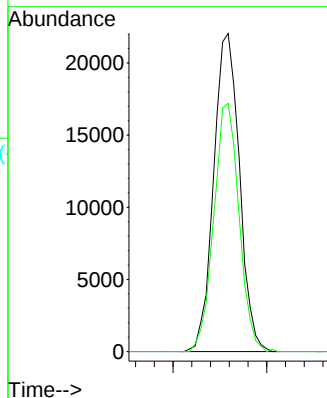
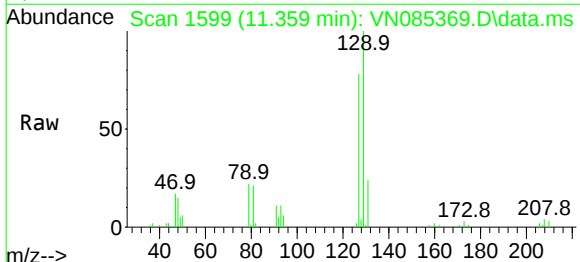
Manual Integrations
APPROVED

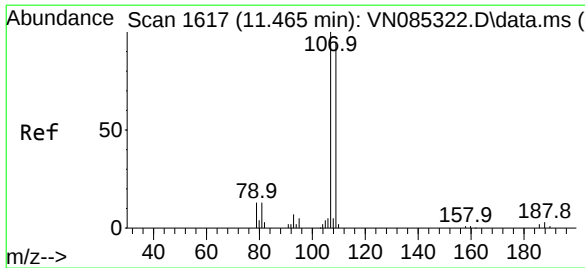
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 22.957 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:129 Resp: 42085
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





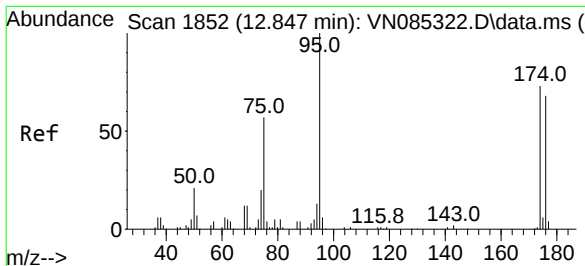
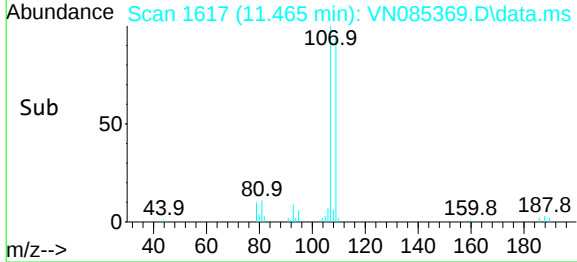
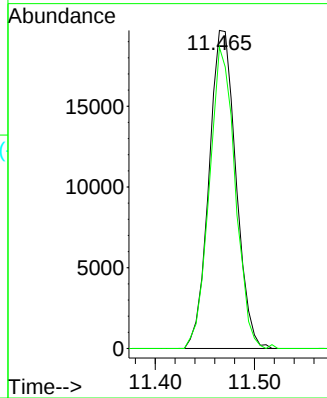
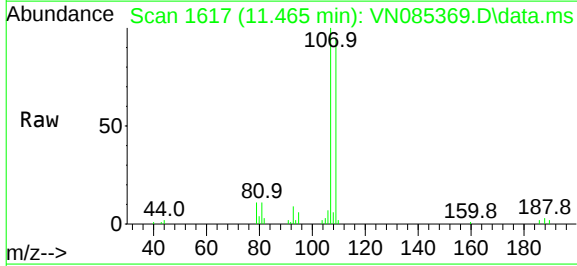
#61
1,2-Dibromoethane
Concen: 23.051 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 107 Resp: 37118
Ion Ratio Lower Upper
107 100
109 90.6 74.9 112.3

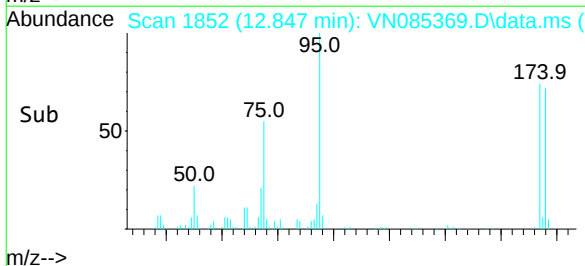
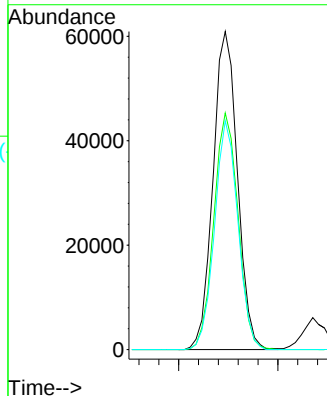
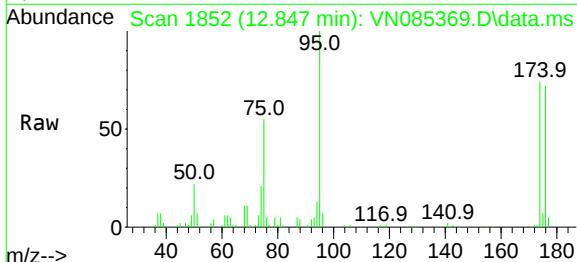
Manual Integrations
APPROVED

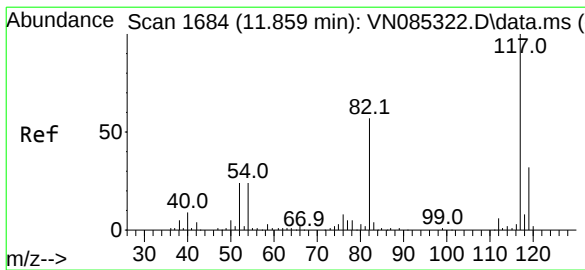
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025



#62
4-Bromofluorobenzene
Concen: 52.205 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 95 Resp: 104053
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.2
176 69.0 0.0 135.8





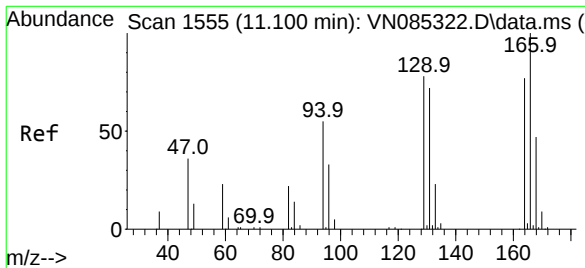
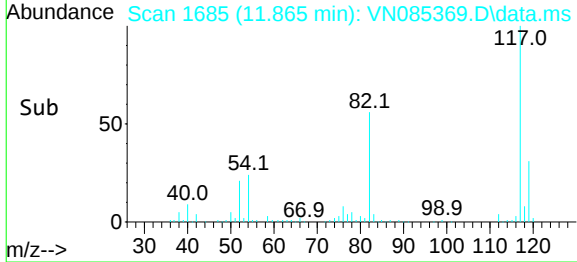
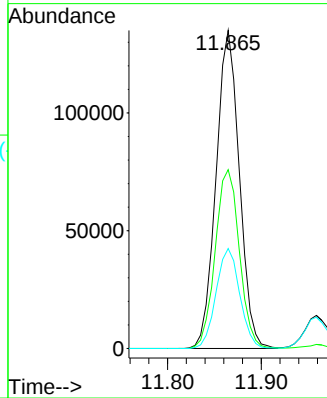
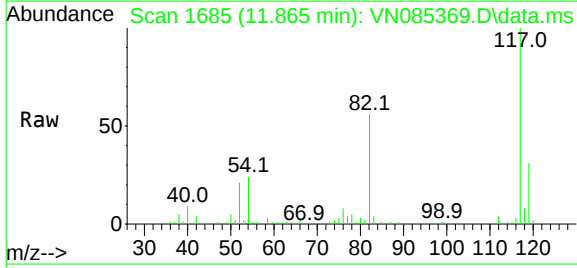
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:	117	Resp:	233518
Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.7	68.5
119	31.4	25.8	38.8

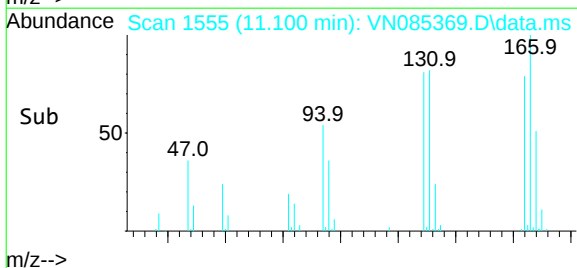
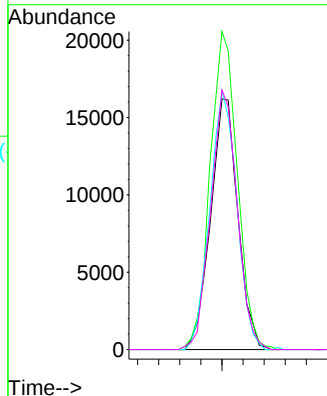
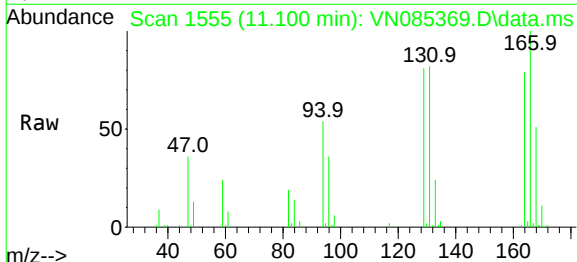
Manual Integrations
APPROVED

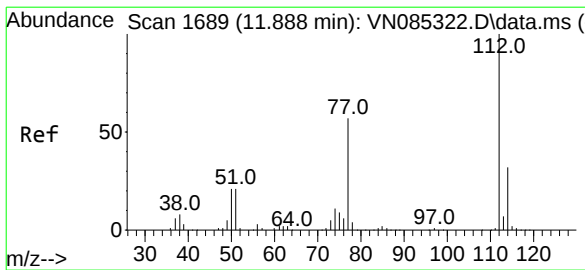
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#64
Tetrachloroethene
Concen: 19.646 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:	164	Resp:	29069
Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.0	156.0
129	103.1	81.3	121.9
131	103.5	75.0	112.6





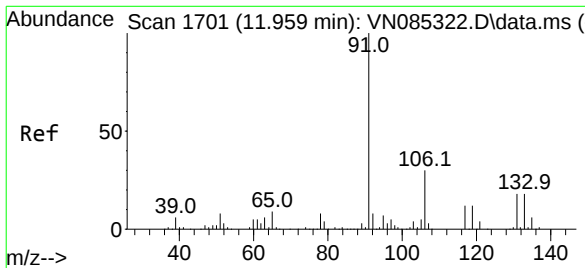
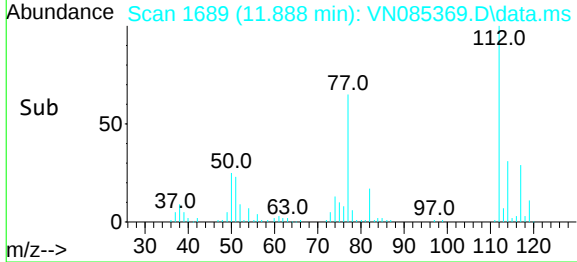
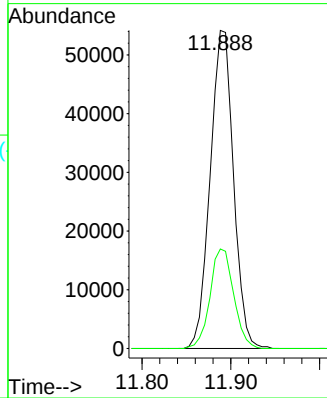
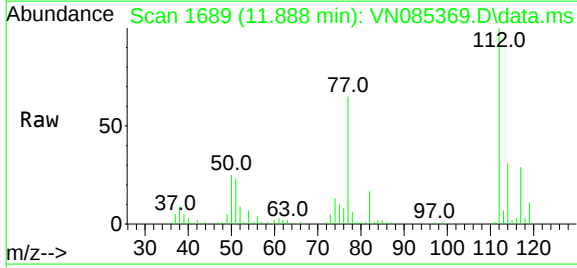
#65
Chlorobenzene
Concen: 19.584 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:112 Resp: 98829
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8

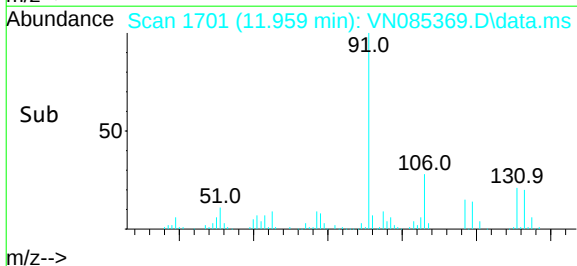
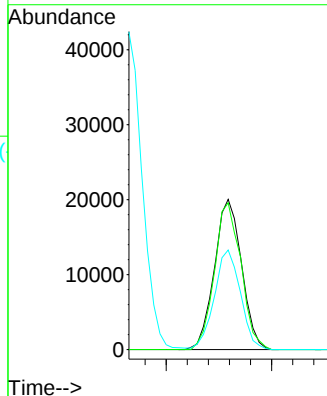
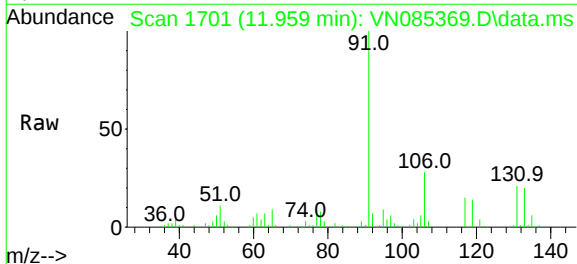
Manual Integrations
APPROVED

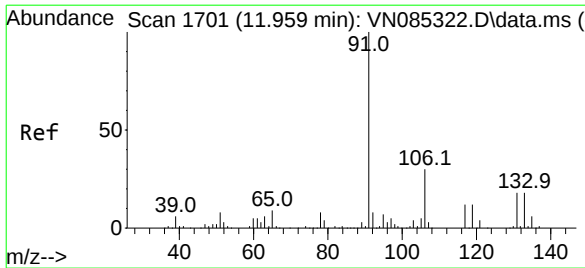
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.196 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:131 Resp: 35898
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.9
119 63.8 33.4 100.1





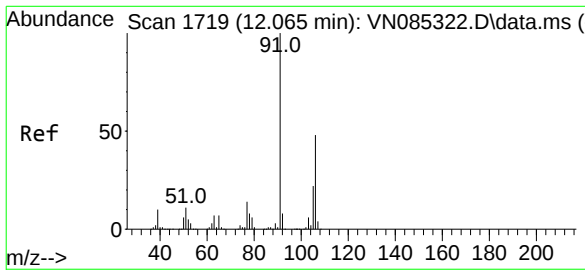
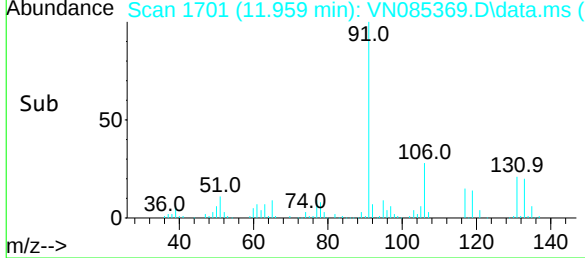
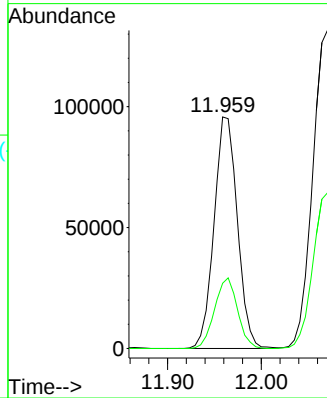
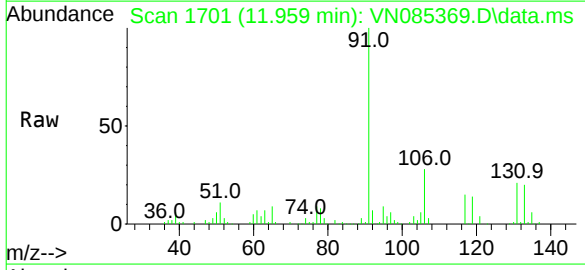
#67
Ethyl Benzene
Concen: 19.709 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 91 Resp: 165405
Ion Ratio Lower Upper
91 100
106 28.2 24.0 36.0

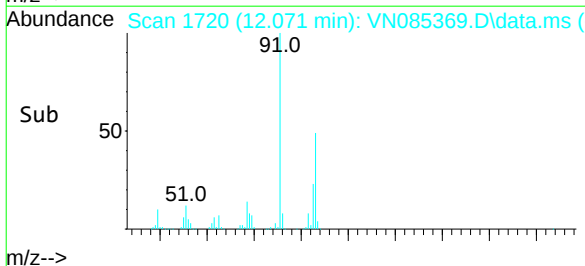
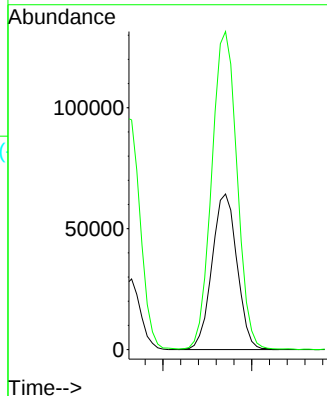
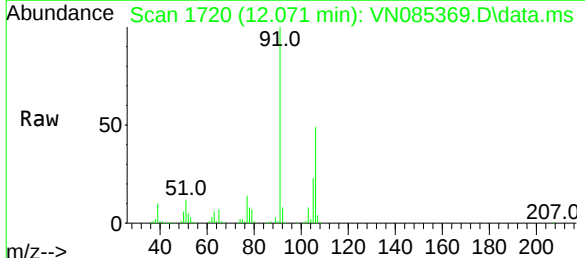
Manual Integrations
APPROVED

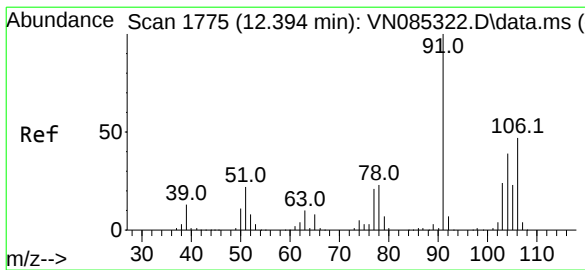
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#68
m/p-Xylenes
Concen: 41.086 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:106 Resp: 126183
Ion Ratio Lower Upper
106 100
91 206.8 165.2 247.8





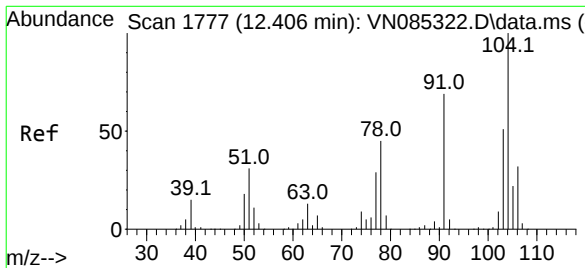
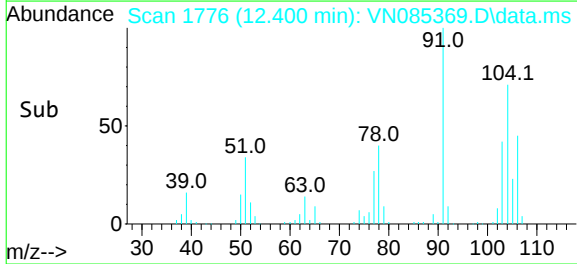
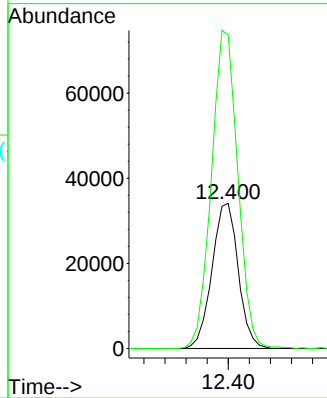
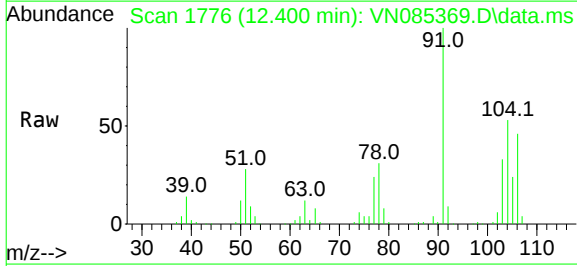
#69
o-Xylene
Concen: 19.828 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:106 Resp: 58910
Ion Ratio Lower Upper
106 100
91 220.9 107.3 321.8

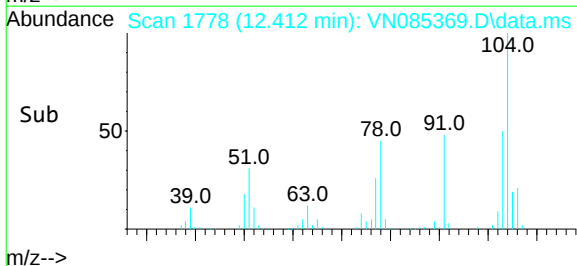
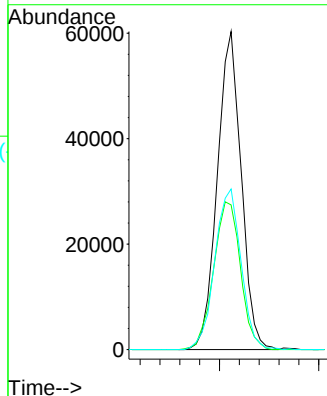
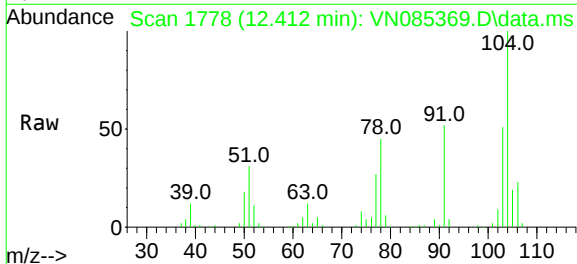
Manual Integrations
APPROVED

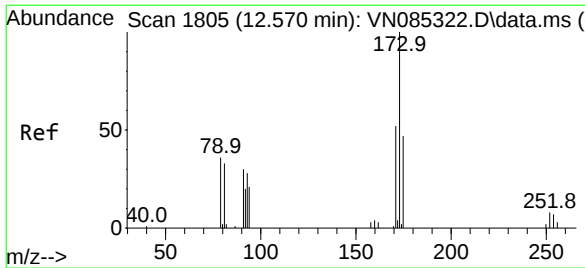
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 20.984 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:104 Resp: 101040
Ion Ratio Lower Upper
104 100
78 52.2 40.7 61.1
103 55.4 44.1 66.1





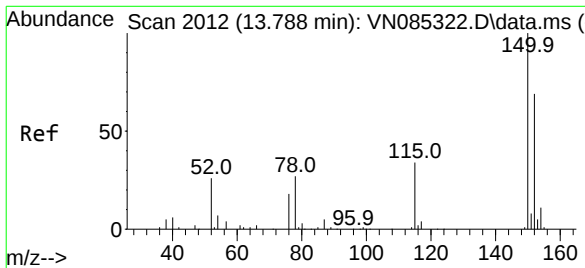
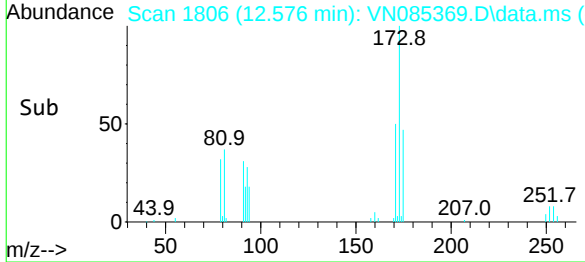
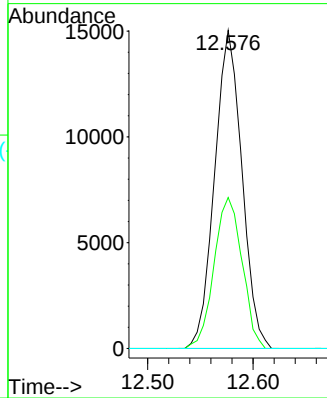
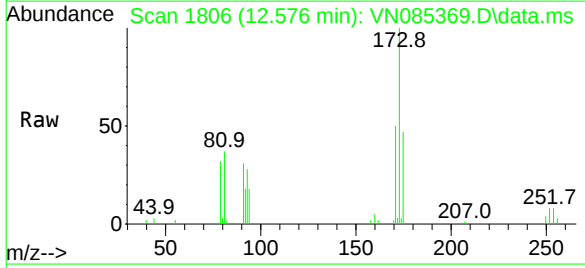
#71
Bromoform
Concen: 23.075 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.0	0.0	0.0

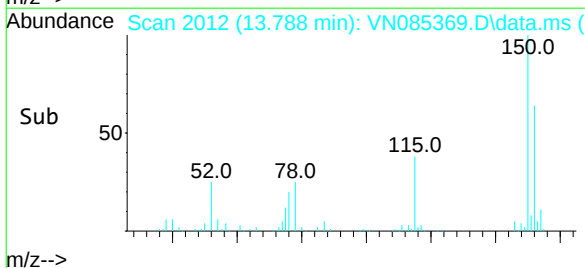
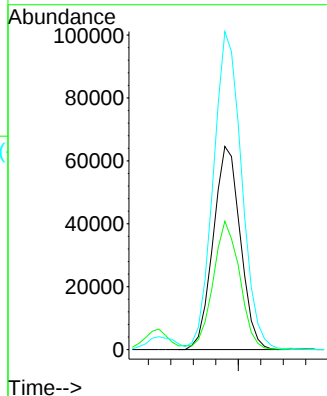
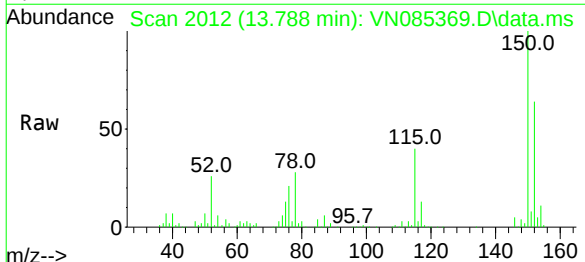
Manual Integrations
APPROVED

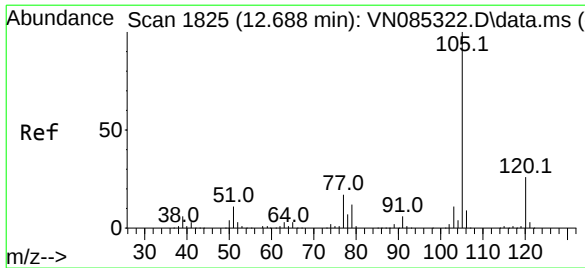
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.4	91.3
150	163.7	0.0	345.0





#73

Isopropylbenzene

Concen: 19.098 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBSD01

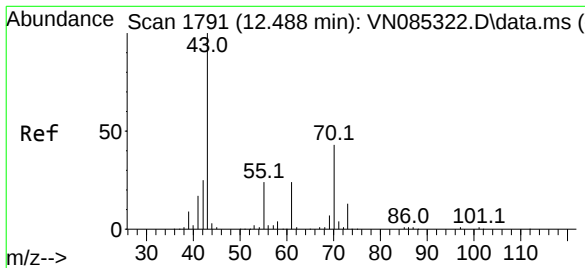
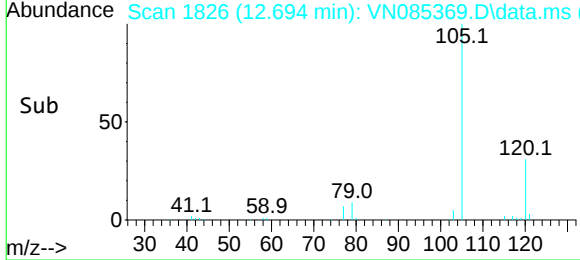
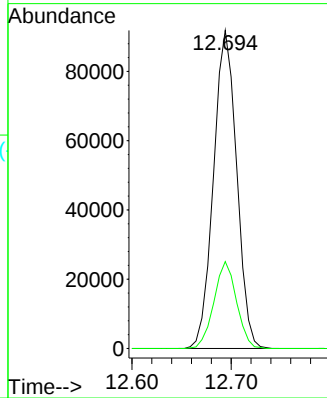
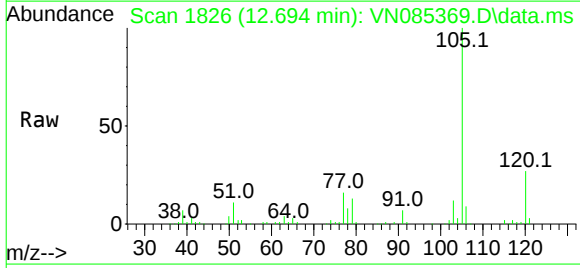
Tgt Ion: 105 Resp: 148757
 Ion Ratio Lower Upper
 105 100
 120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#74

N-ethyl acetate

Concen: 22.831 ug/l

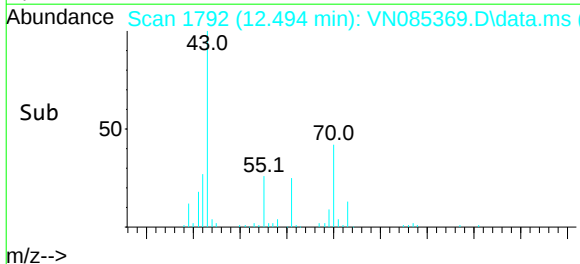
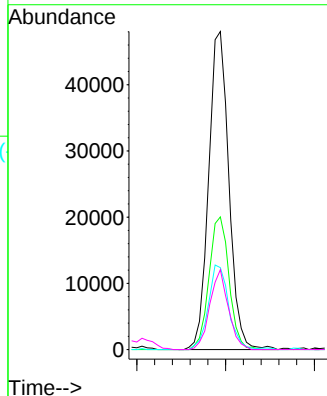
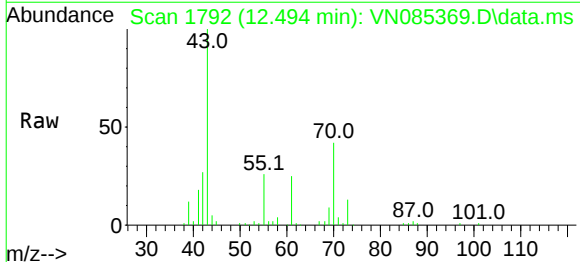
RT: 12.494 min Scan# 1792

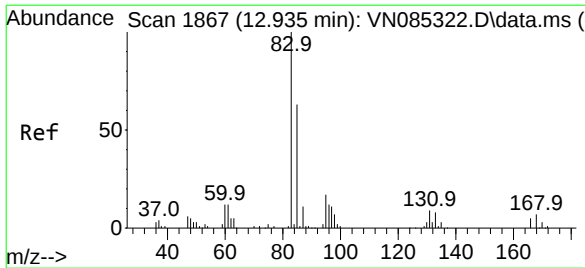
Delta R.T. 0.006 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Tgt Ion: 43 Resp: 76123
 Ion Ratio Lower Upper
 43 100
 70 41.3 33.4 50.0
 55 26.7 19.2 28.8
 61 23.0 18.6 28.0





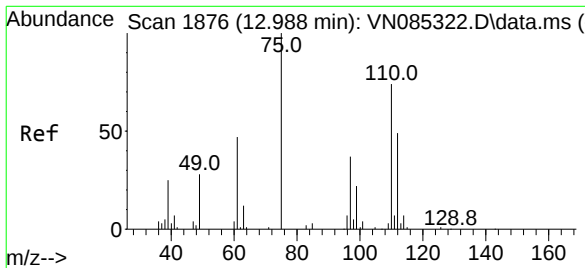
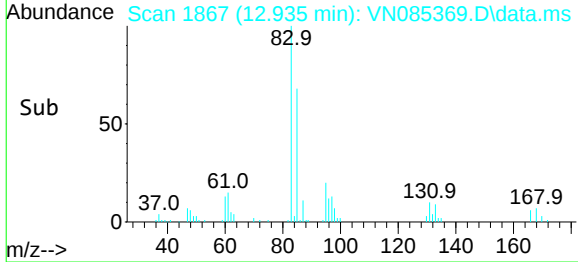
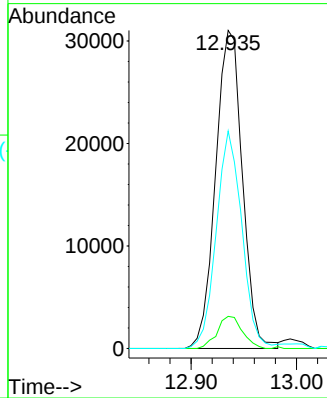
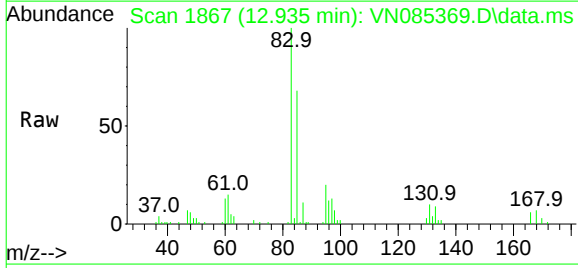
#75
1,1,2,2-Tetrachloroethane
Concen: 22.127 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	65.1	32.6	98.0

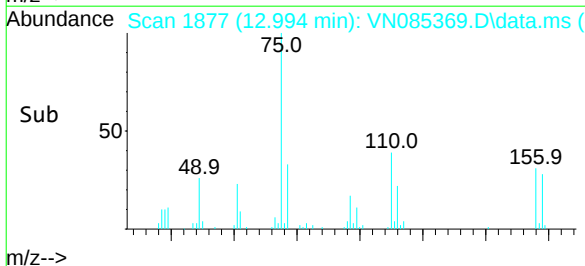
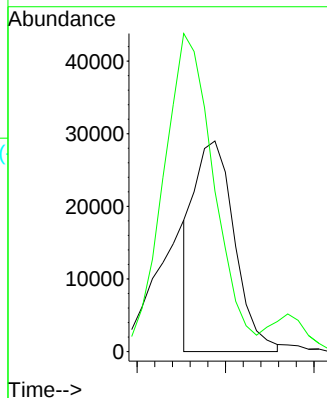
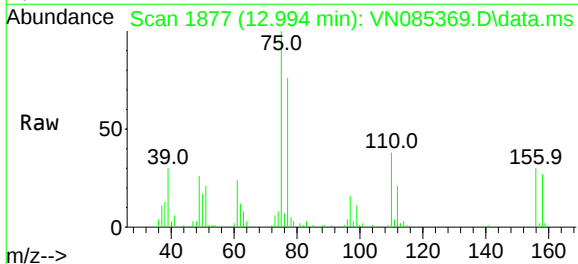
Manual Integrations
APPROVED

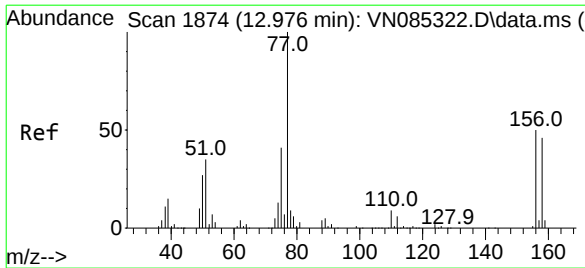
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#76
1,2,3-Trichloropropane
Concen: 22.698 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	190.0	98.1	294.3





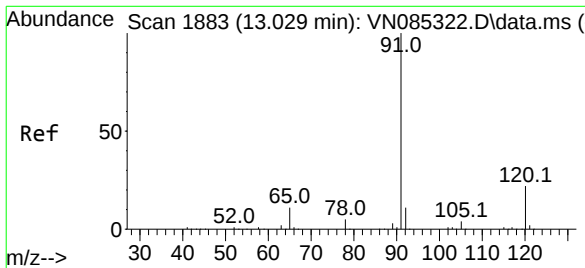
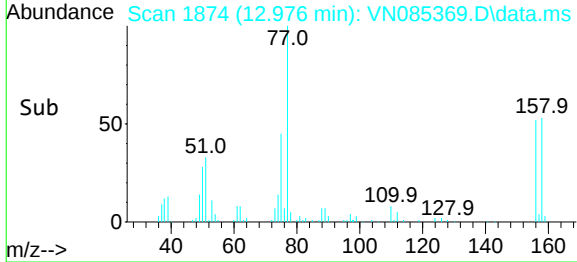
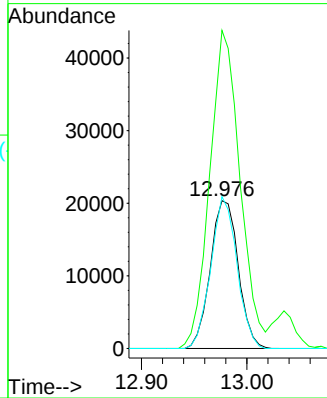
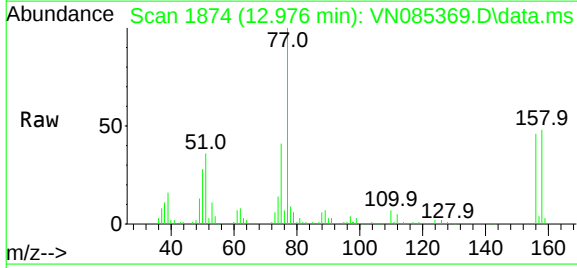
#77
Bromobenzene
Concen: 19.404 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 156 Resp: 37447
Ion Ratio Lower Upper
156 100
77 232.9 114.0 342.0
158 96.2 47.6 142.8

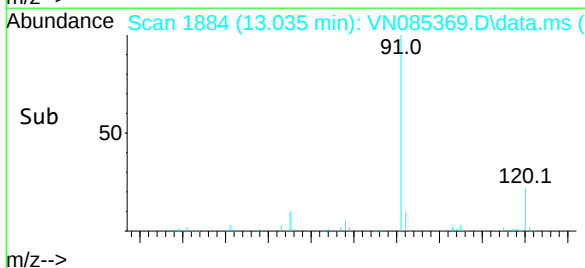
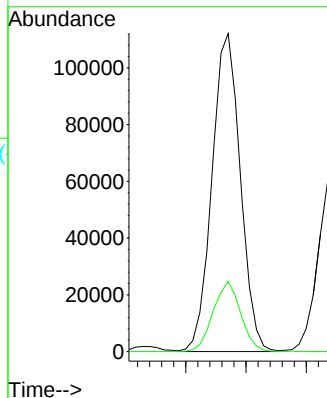
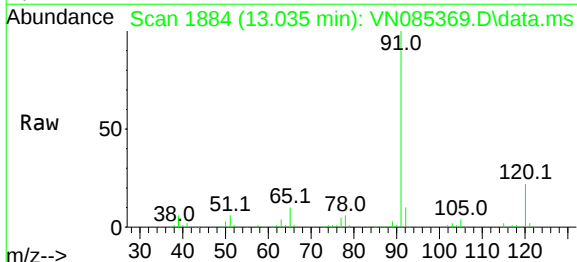
Manual Integrations
APPROVED

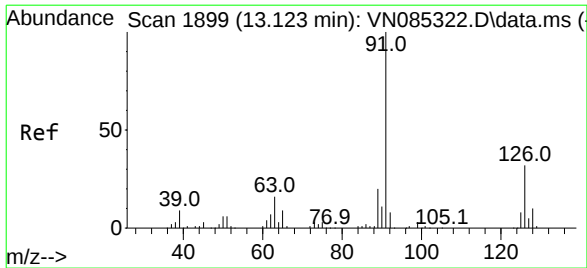
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#78
n-propylbenzene
Concen: 20.171 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 91 Resp: 183146
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.9





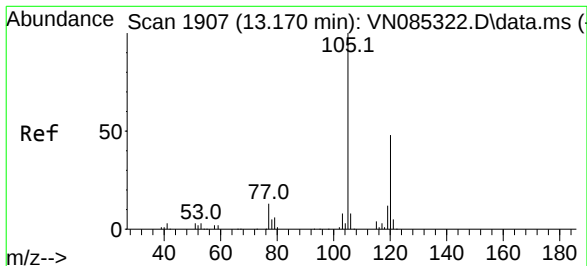
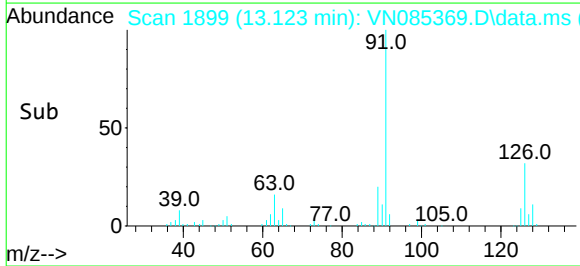
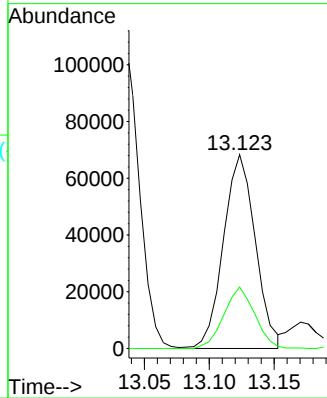
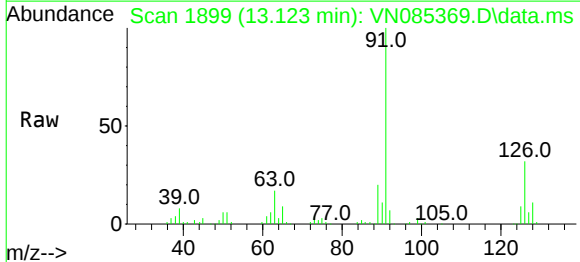
#79
2-Chlorotoluene
Concen: 20.453 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 91 Resp: 116877
Ion Ratio Lower Upper
91 100
126 30.7 16.0 48.0

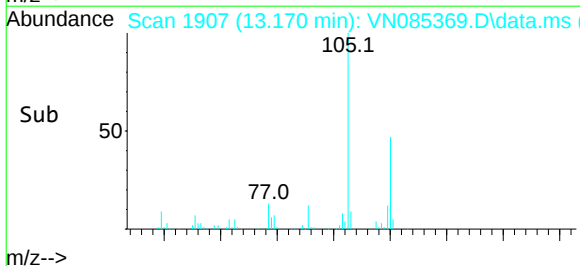
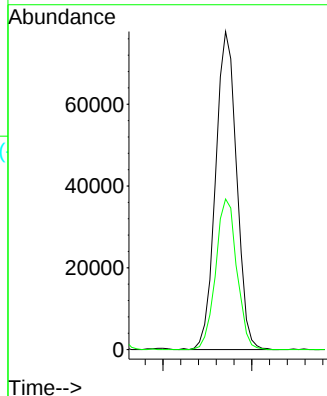
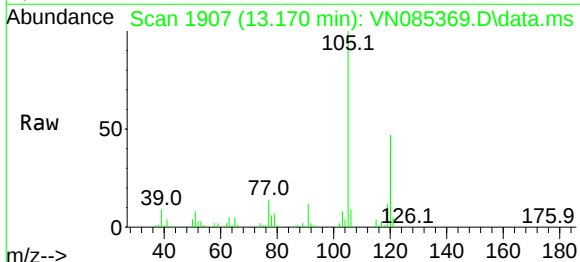
Manual Integrations
APPROVED

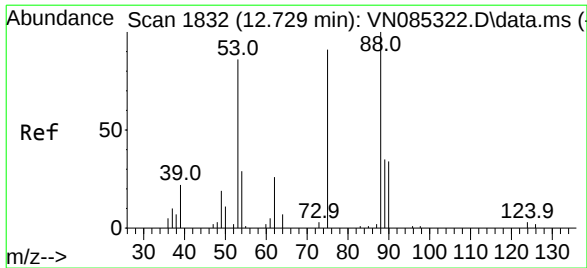
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.328 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

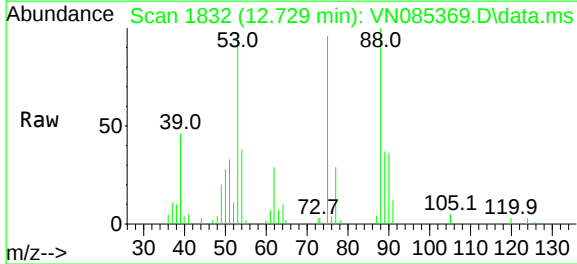
Tgt Ion:105 Resp: 128078
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.234 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

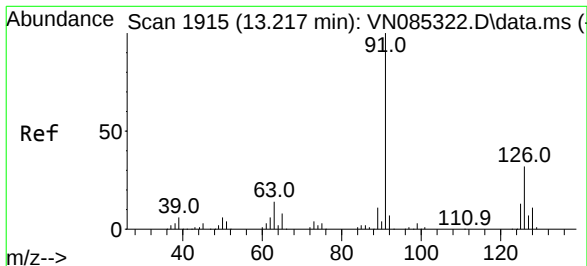
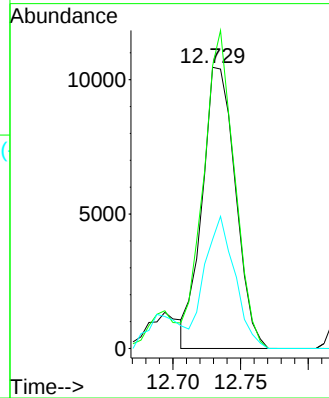
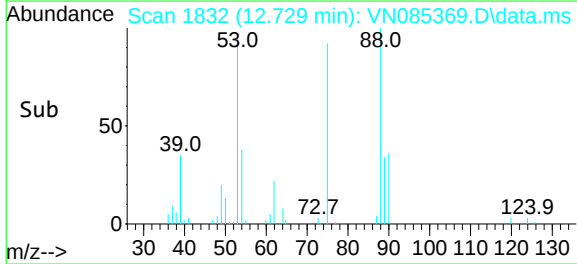
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01



Tgt Ion: 75 Resp: 17935
Ion Ratio Lower Upper
75 100
53 105.1 80.0 120.0
89 42.4 35.8 53.8

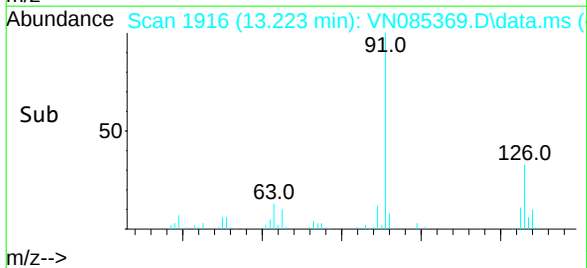
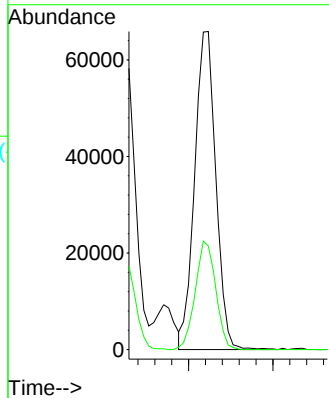
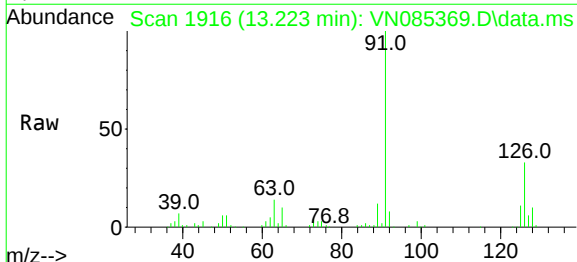
Manual Integrations
APPROVED

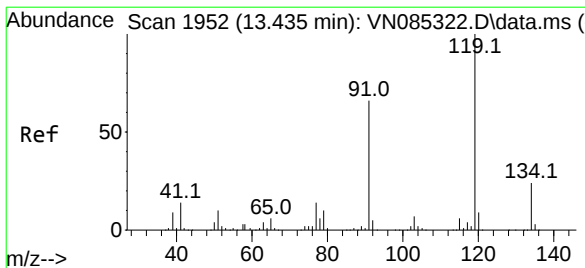
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 19.970 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion: 91 Resp: 114930
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4





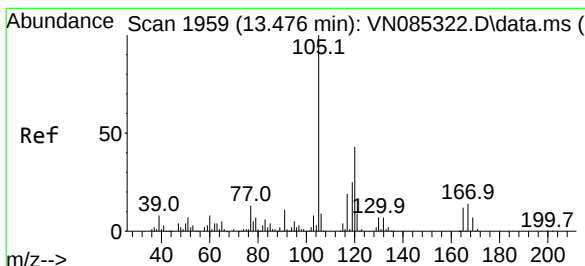
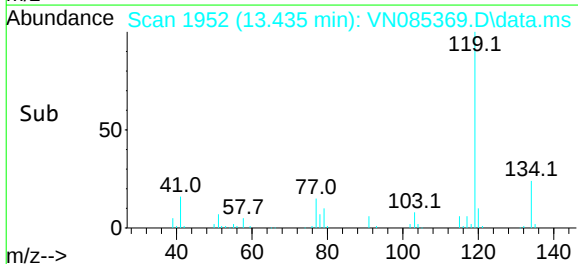
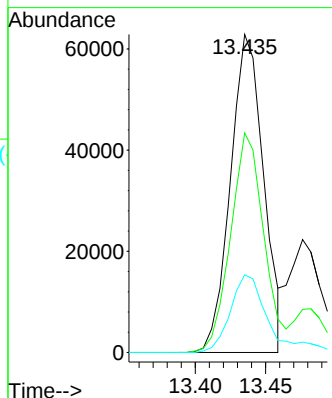
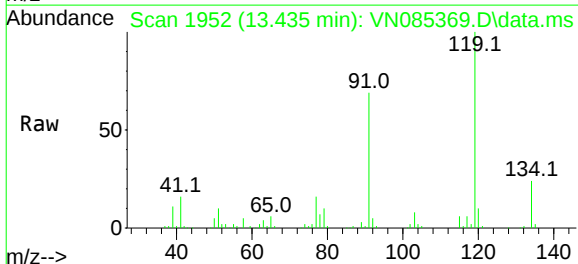
#83
tert-Butylbenzene
Concen: 18.900 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:119 Resp: 103150
Ion Ratio Lower Upper
119 100
91 69.3 33.6 100.8
134 27.7 13.3 39.8

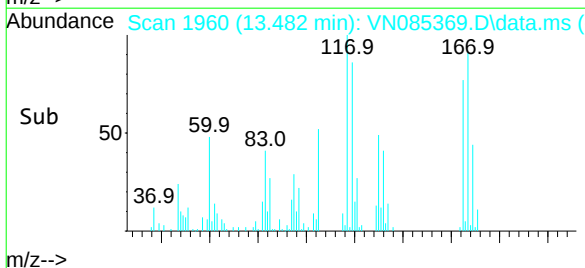
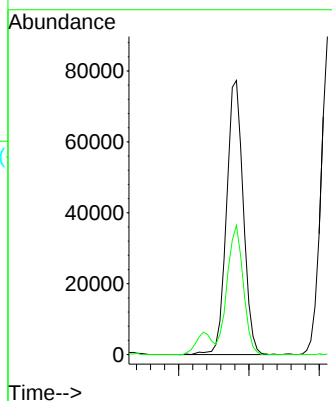
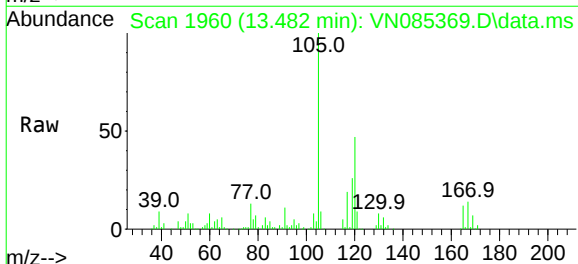
Manual Integrations
APPROVED

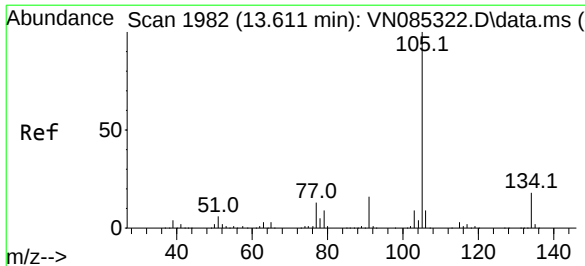
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.323 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:105 Resp: 127497
Ion Ratio Lower Upper
105 100
120 45.4 21.7 65.1





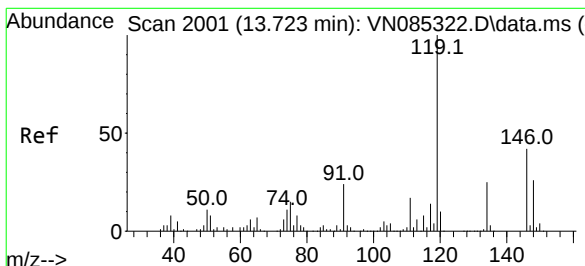
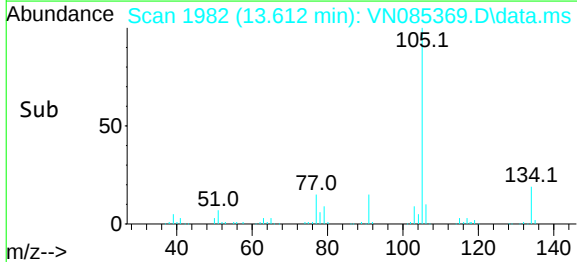
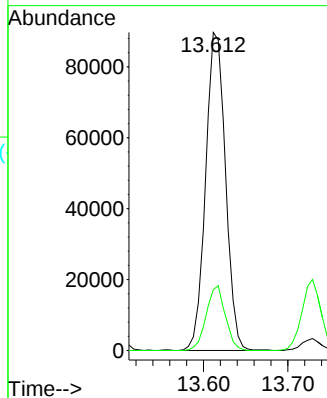
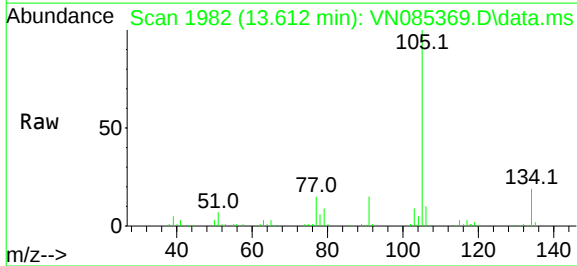
#85
sec-Butylbenzene
Concen: 19.417 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion:105 Resp: 147097
Ion Ratio Lower Upper
105 100
134 19.5 9.4 28.3

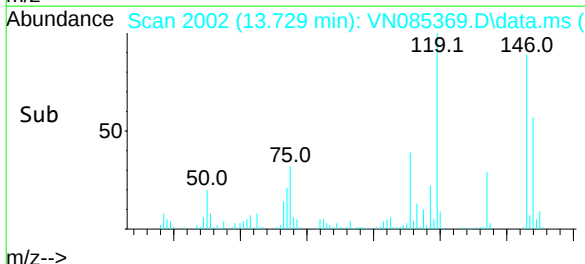
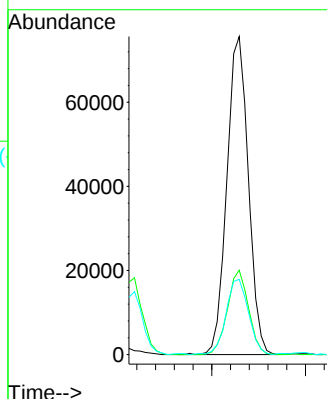
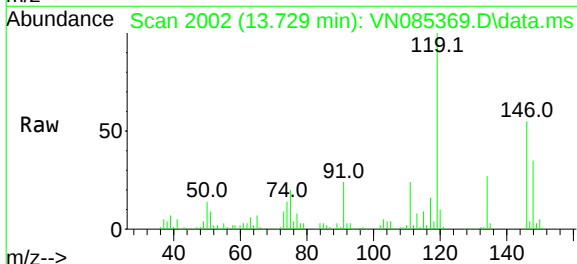
Manual Integrations
APPROVED

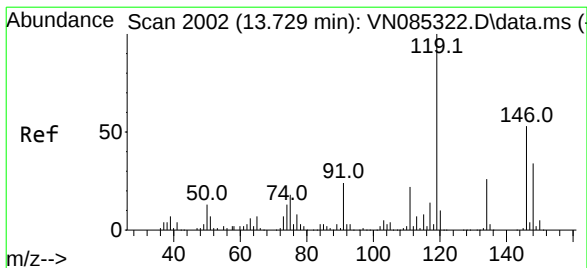
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#86
p-Isopropyltoluene
Concen: 18.584 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:119 Resp: 120487
Ion Ratio Lower Upper
119 100
134 26.1 12.5 37.5
91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.724 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

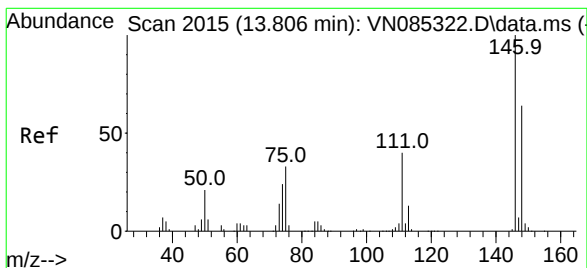
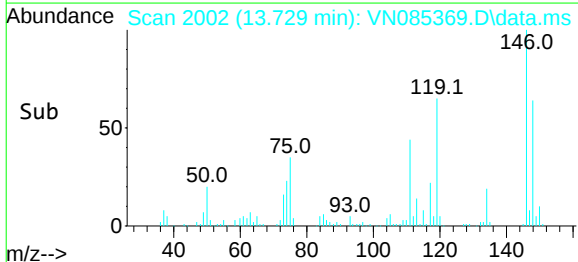
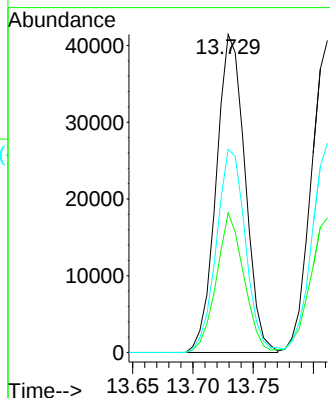
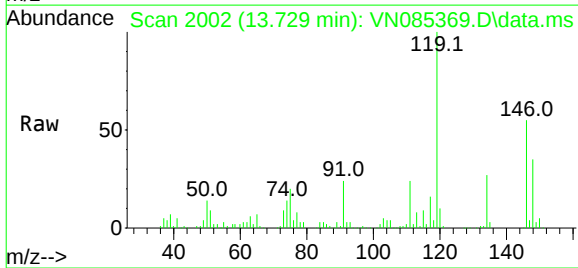
Tgt Ion:	146	Resp:	69002
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.3	63.9
148	64.5	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#88

1,4-Dichlorobenzene

Concen: 19.346 ug/l

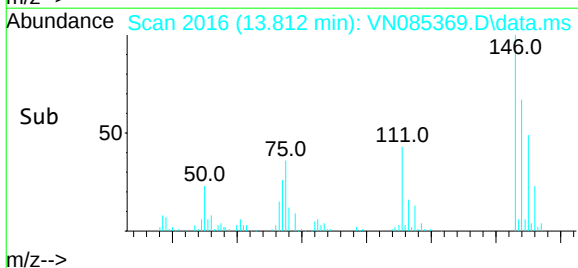
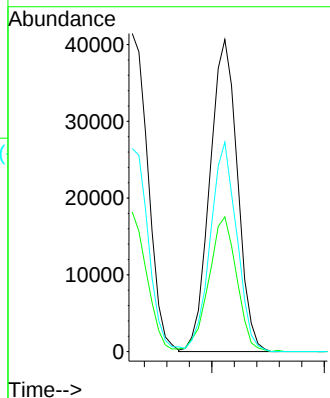
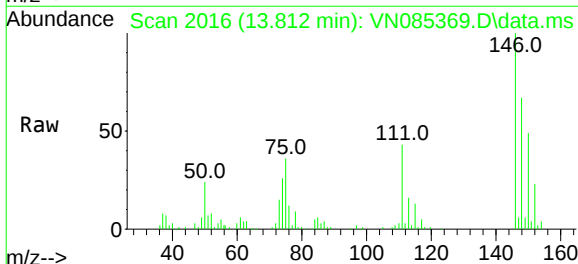
RT: 13.812 min Scan# 2016

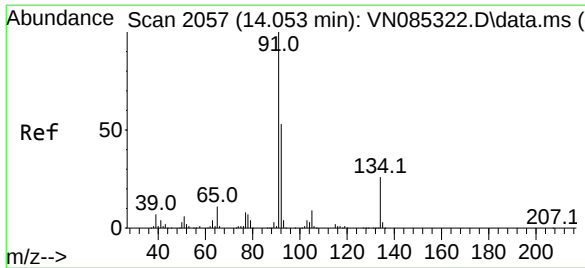
Delta R.T. 0.006 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Tgt Ion:	146	Resp:	69522
Ion Ratio	Lower	Upper	
146	100		
111	43.7	20.8	62.5
148	64.1	31.7	95.1





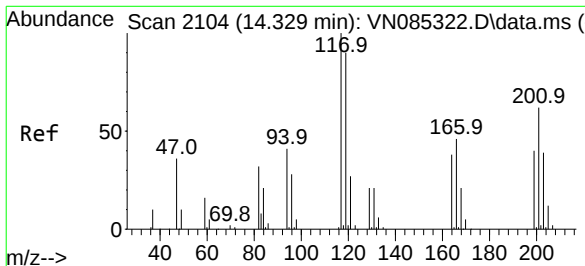
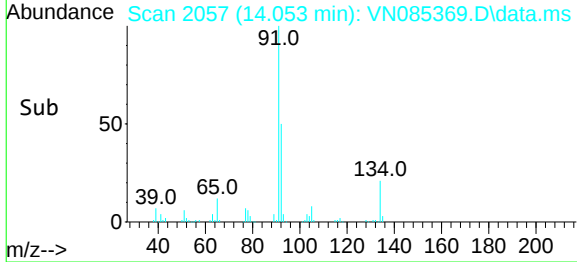
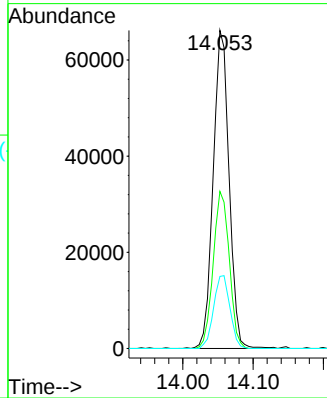
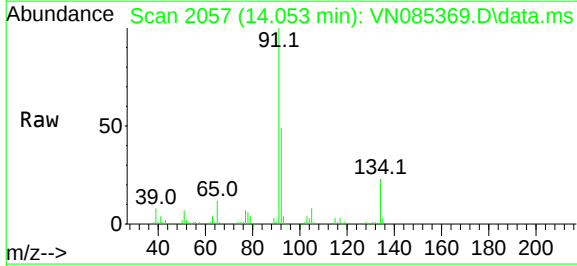
#89
n-Butylbenzene
Concen: 18.712 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion: 91 Resp: 103803
Ion Ratio Lower Upper
91 100
92 50.0 26.0 78.0
134 23.6 12.1 36.3

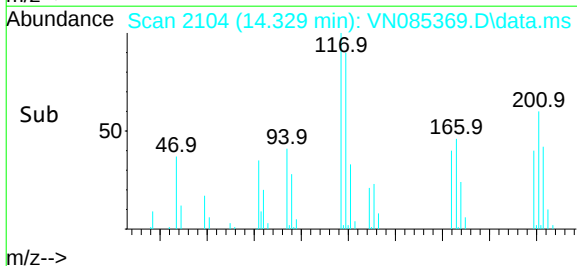
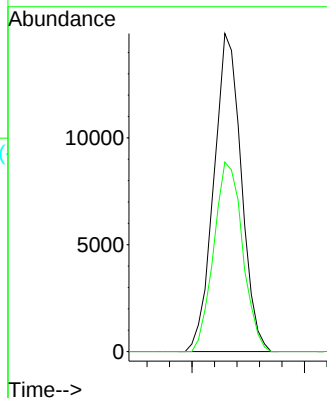
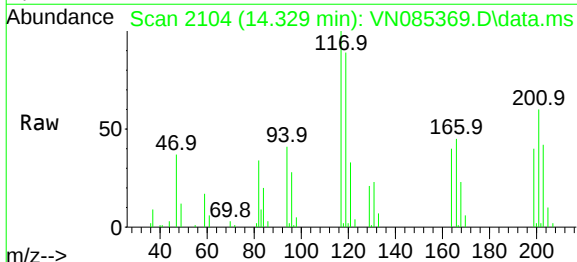
Manual Integrations
APPROVED

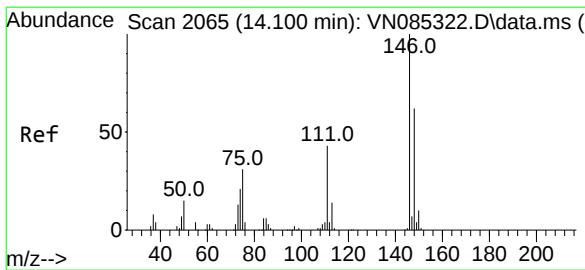
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#90
Hexachloroethane
Concen: 20.319 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion:117 Resp: 25232
Ion Ratio Lower Upper
117 100
201 62.5 30.7 92.1





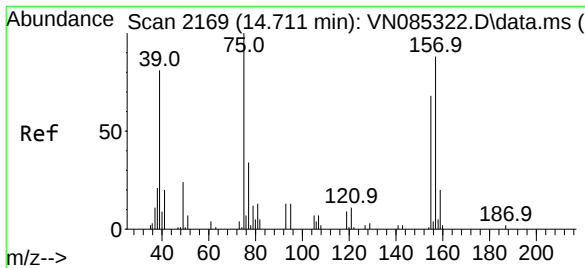
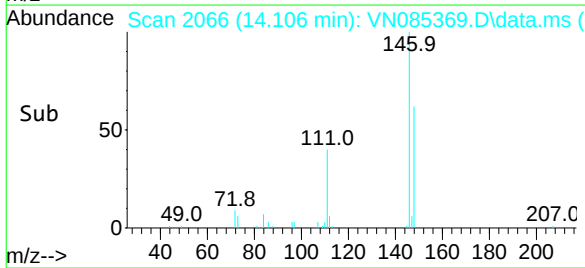
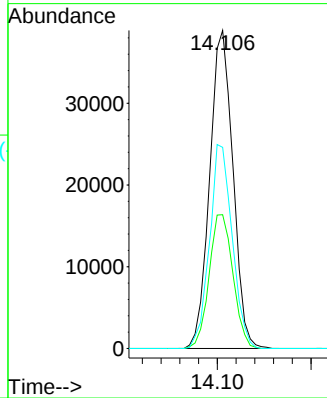
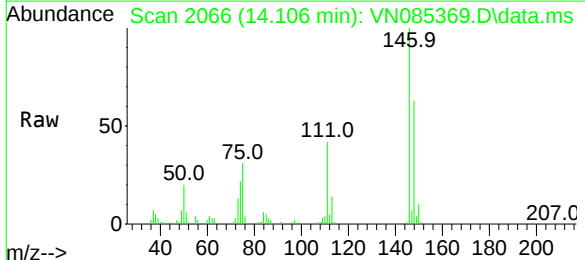
#91
1,2-Dichlorobenzene
Concen: 20.068 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.8	65.3
148	62.8	31.4	94.2

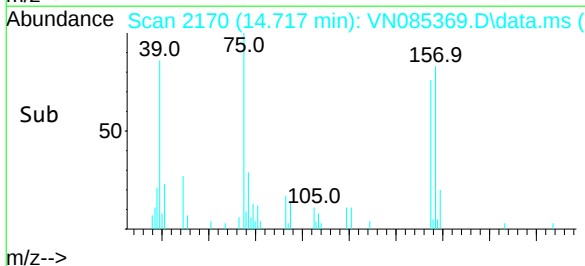
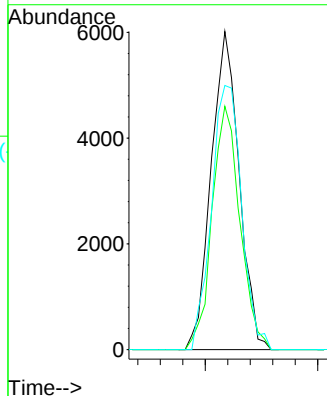
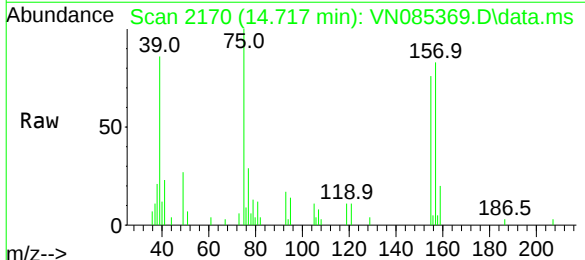
Manual Integrations
APPROVED

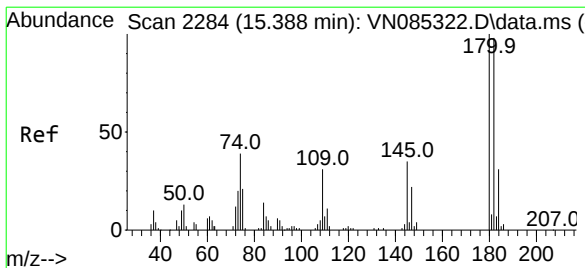
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.575 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085369.D
Acq: 31 Dec 2024 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	35.6	106.9
157	89.4	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 18.814 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

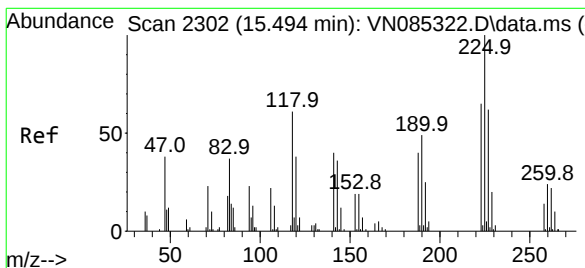
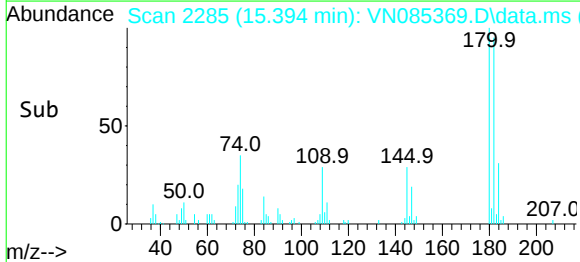
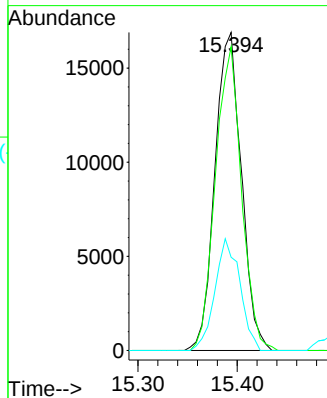
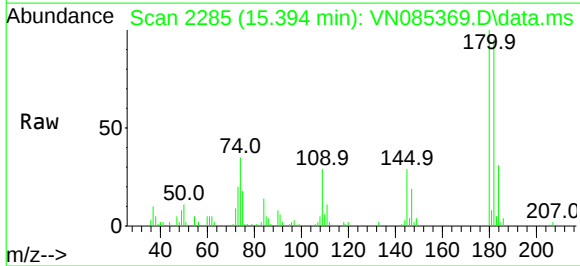
Tgt Ion:	180	Resp:	31293
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.2	141.6
145	33.3	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#94

Hexachlorobutadiene

Concen: 17.428 ug/l

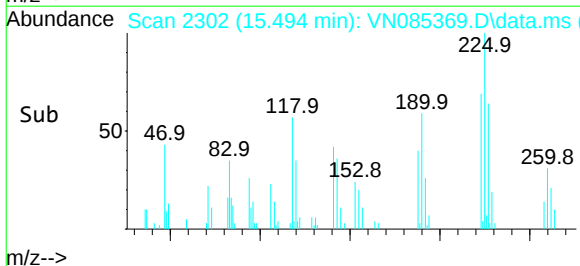
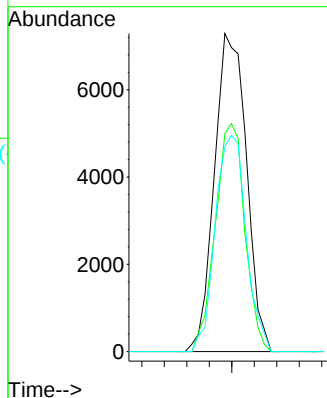
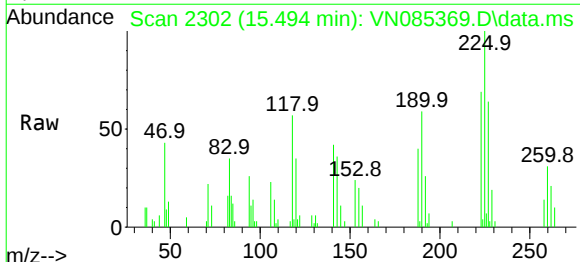
RT: 15.494 min Scan# 2302

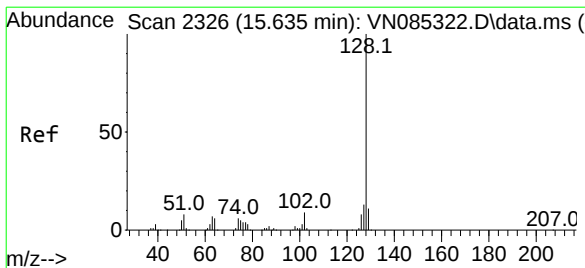
Delta R.T. 0.000 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Tgt Ion:	225	Resp:	14403
Ion Ratio	Lower	Upper	
225	100		
223	66.1	31.6	94.7
227	65.6	30.3	91.0





#95

Naphthalene

Concen: 18.479 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBSD01

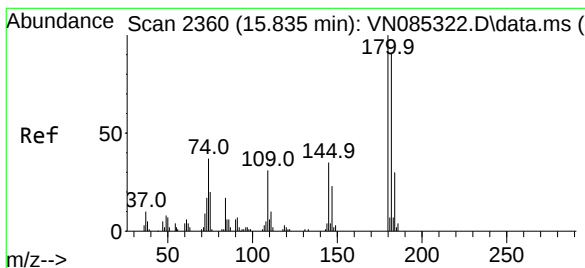
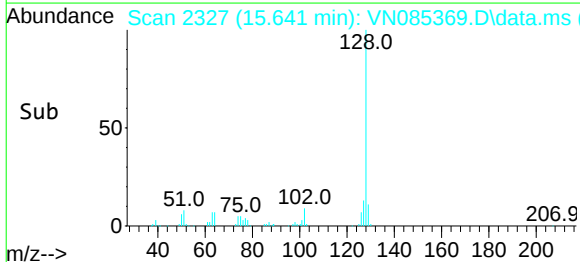
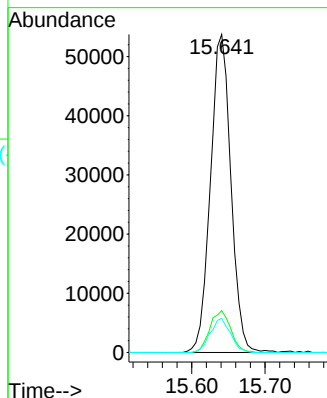
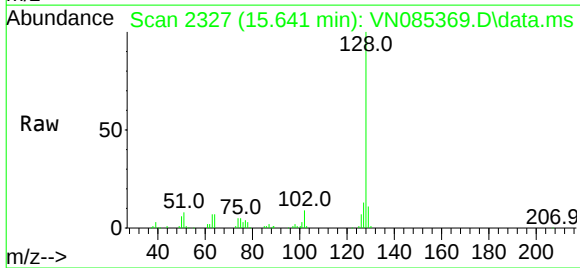
Tgt Ion:	128	Resp:	104223
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.6	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.928 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085369.D

Acq: 31 Dec 2024 13:28

Tgt Ion:	180	Resp:	31455
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.4
145	34.1	17.2	51.6

