

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085360.D
 Acq On : 31 Dec 2024 09:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 01 02:00:32 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	159569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121368	53.327	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.660%
35) Dibromofluoromethane	8.165	113	93182	54.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.760%
50) Toluene-d8	10.565	98	338789	54.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.847	95	115559	55.846	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119808	55.516	ug/l	95
3) Chloromethane	2.359	50	117112	48.284	ug/l	97
4) Vinyl Chloride	2.512	62	122678	47.825	ug/l	96
5) Bromomethane	2.948	94	73142	43.598	ug/l	93
6) Chloroethane	3.118	64	77255	47.490	ug/l	98
7) Trichlorofluoromethane	3.495	101	168843	50.072	ug/l	99
8) Diethyl Ether	3.959	74	58782	52.648	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	100237	52.242	ug/l	99
10) Methyl Iodide	4.589	142	112990	50.888	ug/l	96
11) Tert butyl alcohol	5.518	59	75944	266.479	ug/l	99
12) 1,1-Dichloroethene	4.342	96	89382	50.407	ug/l	95
13) Acrolein	4.177	56	121882	274.311	ug/l	99
14) Allyl chloride	5.024	41	138601	48.838	ug/l	99
15) Acrylonitrile	5.718	53	262501	292.652	ug/l	99
16) Acetone	4.424	43	213805	285.690	ug/l	95
17) Carbon Disulfide	4.712	76	255243	47.316	ug/l	97
18) Methyl Acetate	5.024	43	131438	57.366	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	308412	53.511	ug/l	96
20) Methylene Chloride	5.277	84	106914	53.113	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	95206	51.398	ug/l	98
22) Diisopropyl ether	6.665	45	343229	56.124	ug/l	97
23) Vinyl Acetate	6.600	43	1273392	287.828	ug/l	99
24) 1,1-Dichloroethane	6.559	63	196756	53.409	ug/l	100
25) 2-Butanone	7.477	43	345653	297.711	ug/l	96
26) 2,2-Dichloropropane	7.483	77	169691	52.576	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	114014	52.442	ug/l	94
28) Bromochloromethane	7.806	49	97118	56.728	ug/l #	99
29) Tetrahydrofuran	7.835	42	230979	308.845	ug/l	97
30) Chloroform	7.965	83	201217	53.390	ug/l	97
31) Cyclohexane	8.253	56	160831	47.810	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	172531	51.259	ug/l	97
36) 1,1-Dichloropropene	8.371	75	137613	55.355	ug/l	98
37) Ethyl Acetate	7.559	43	144730	58.572	ug/l	99
38) Carbon Tetrachloride	8.359	117	151659	55.967	ug/l	99
39) Methylcyclohexane	9.600	83	143576	55.663	ug/l	96
40) Benzene	8.600	78	425613	56.625	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78428	61.974	ug/l	98
42) 1,2-Dichloroethane	8.665	62	151183	56.101	ug/l	100
43) Isopropyl Acetate	8.682	43	243616	59.876	ug/l	98
44) Trichloroethene	9.347	130	92047	51.726	ug/l	96
45) 1,2-Dichloropropane	9.618	63	109357	57.313	ug/l	99
46) Dibromomethane	9.706	93	75071	56.572	ug/l	99
47) Bromodichloromethane	9.882	83	159469	57.819	ug/l	98
48) Methyl methacrylate	9.677	41	111570	63.196	ug/l	99
49) 1,4-Dioxane	9.688	88	35304	1325.367	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	738313	322.904	ug/l	99
52) Toluene	10.629	92	255181	57.018	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	158001	58.252	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	168065	57.302	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	97685	57.811	ug/l	96
56) Ethyl methacrylate	10.871	69	157036	63.812	ug/l	98
57) 1,3-Dichloropropane	11.159	76	176145	59.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	355910	298.925	ug/l	98
59) 2-Hexanone	11.194	43	532083	335.410	ug/l	100
60) Dibromochloromethane	11.359	129	114481	60.152	ug/l	99
61) 1,2-Dibromoethane	11.465	107	95994	57.423	ug/l	100
64) Tetrachloroethene	11.100	164	82761	52.856	ug/l	96
65) Chlorobenzene	11.888	112	280046	52.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	100410	56.026	ug/l	97
67) Ethyl Benzene	11.959	91	494224	55.652	ug/l	99
68) m/p-Xylenes	12.070	106	377854	116.265	ug/l	99
69) o-Xylene	12.394	106	175371	55.782	ug/l	95
70) Styrene	12.412	104	305082	59.875	ug/l	99
71) Bromoform	12.576	173	74324	59.875	ug/l #	98
73) Isopropylbenzene	12.694	105	452195	52.942	ug/l	99
74) N-amyl acetate	12.494	43	214454	58.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	144989	53.298	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	115781m	52.200	ug/l	
77) Bromobenzene	12.976	156	108539	51.290	ug/l	100
78) n-propylbenzene	13.035	91	560196	56.265	ug/l	99
79) 2-Chlorotoluene	13.123	91	329707	52.617	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	382552	55.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50576m	54.607	ug/l	
82) 4-Chlorotoluene	13.217	91	337290	53.446	ug/l	99
83) tert-Butylbenzene	13.435	119	310495	51.881	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	386905	56.241	ug/l	98
85) sec-Butylbenzene	13.612	105	454482	54.709	ug/l	99
86) p-Isopropyltoluene	13.729	119	380261	51.093	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	199019	51.878	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	195531	49.619	ug/l	98
89) n-Butylbenzene	14.053	91	332466	54.654	ug/l	99
90) Hexachloroethane	14.329	117	75573	55.500	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	189431	51.836	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27005	55.778	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	92326	50.621	ug/l	99
94) Hexachlorobutadiene	15.500	225	42005	46.353	ug/l	96
95) Naphthalene	15.641	128	295721	47.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	91939	50.451	ug/l	99

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

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

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

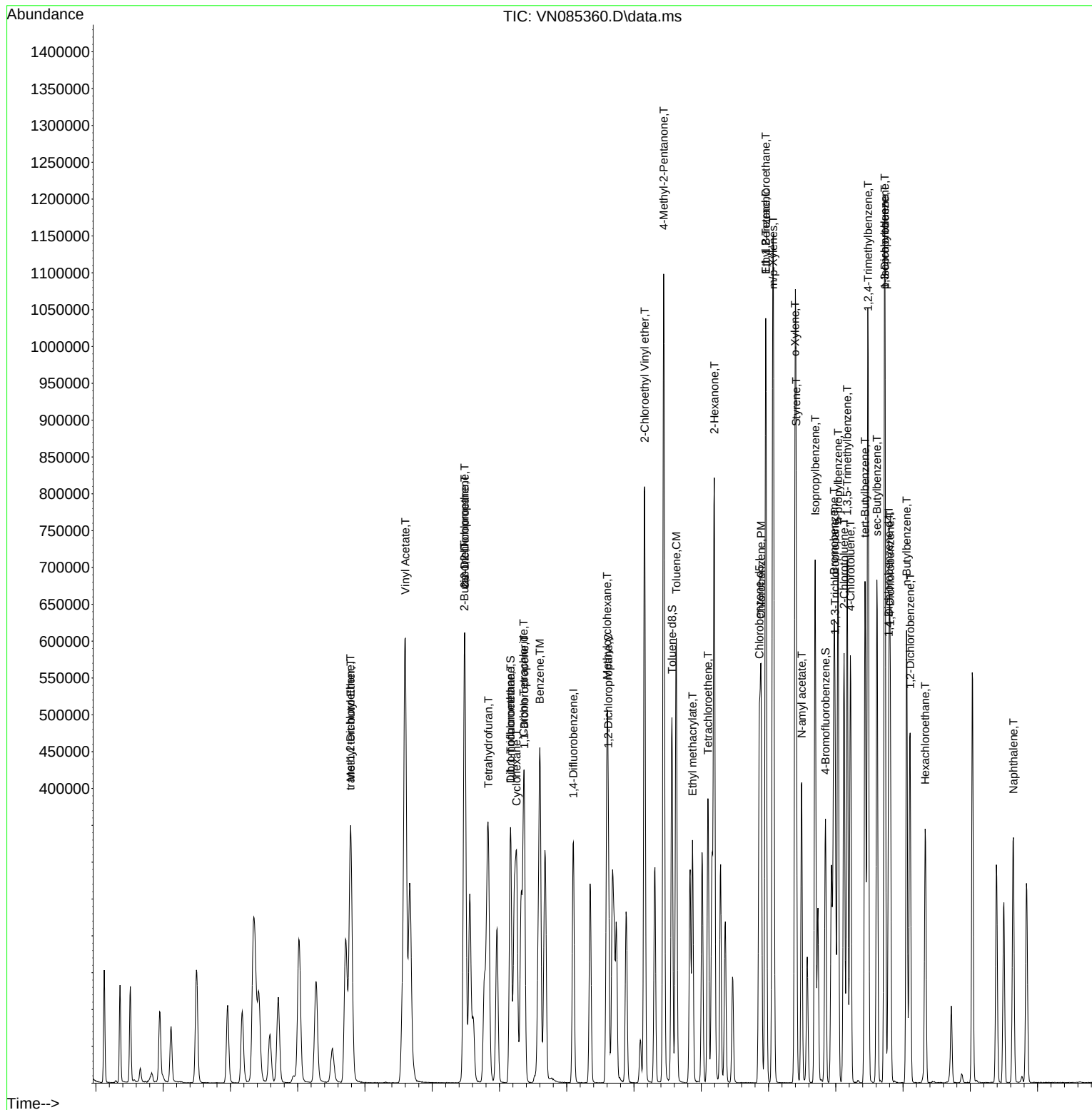
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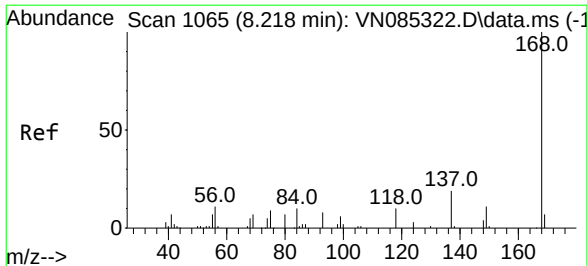
Instrument :
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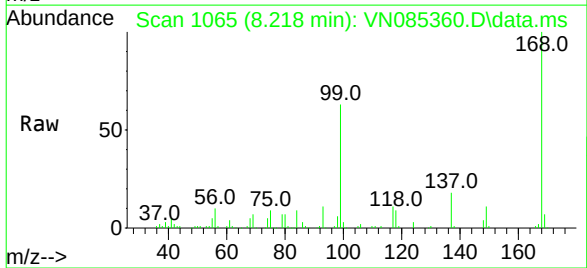
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085360.D
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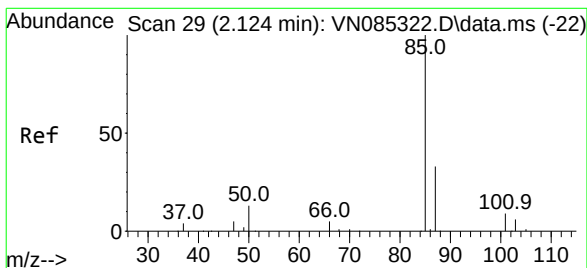
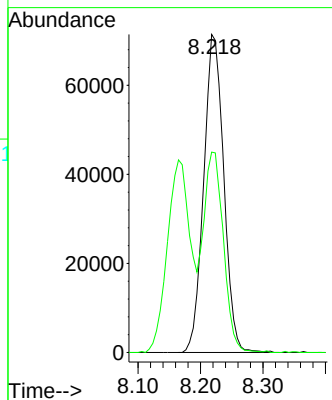
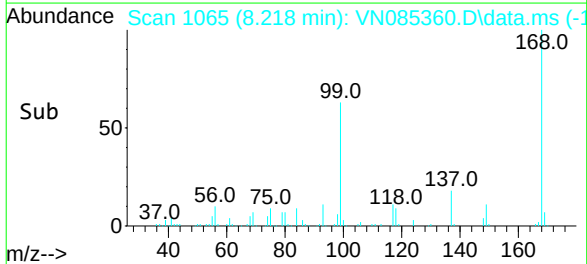
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 159569
Ion Ratio Lower Upper
168 100
99 63.0 51.0 76.4

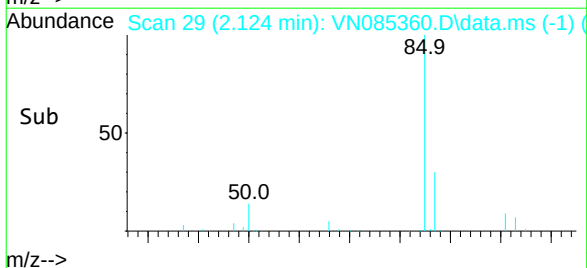
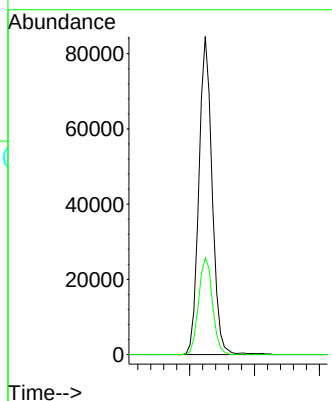
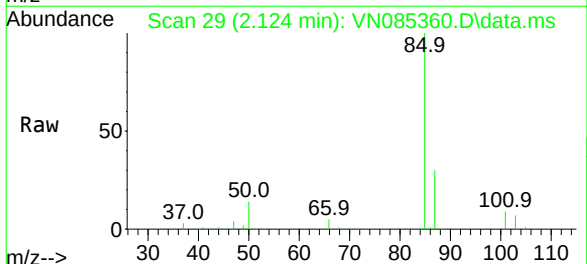
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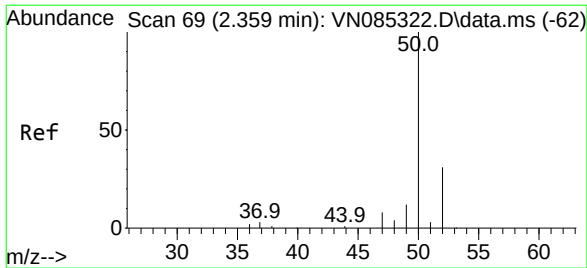
Reviewed By : John Carlone 01/02/2025
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#2
Dichlorodifluoromethane
Concen: 55.516 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 85 Resp: 119808
Ion Ratio Lower Upper
85 100
87 30.5 16.8 50.3





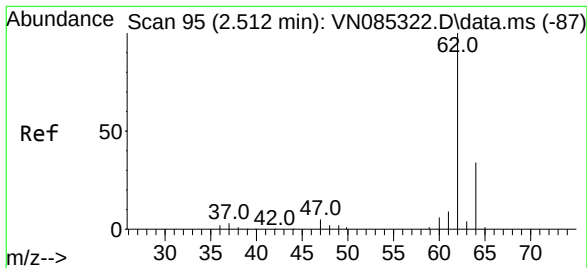
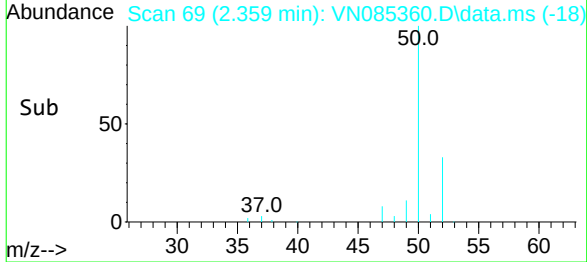
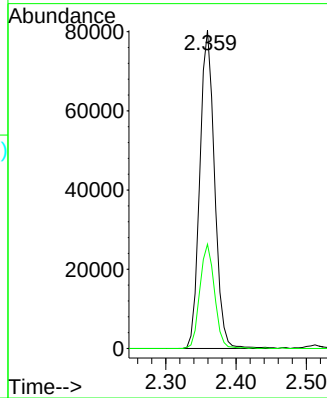
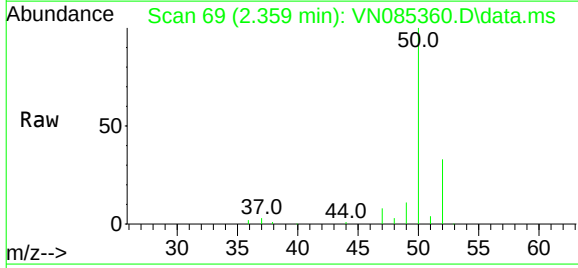
#3
Chloromethane
Concen: 48.284 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

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Tgt Ion: 50 Resp: 117112
Ion Ratio Lower Upper
50 100
52 32.8 25.1 37.7

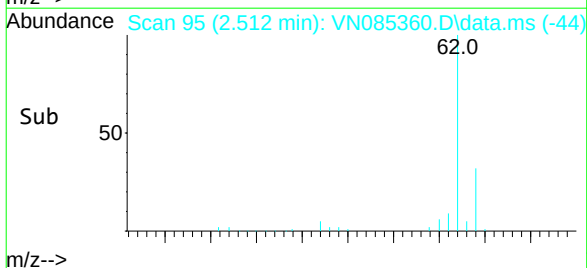
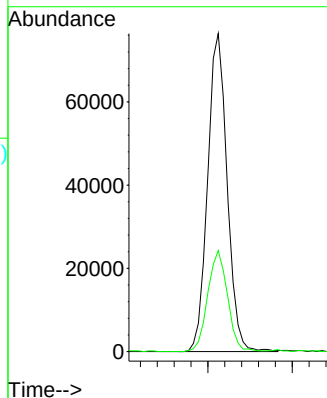
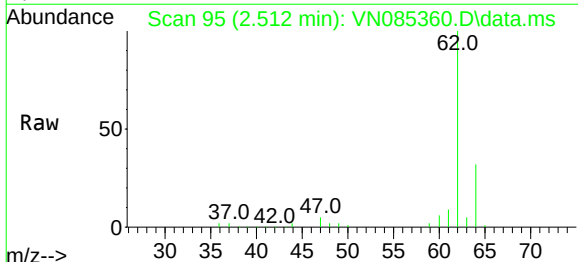
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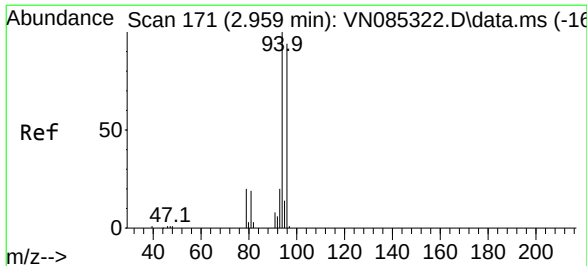
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#4
Vinyl Chloride
Concen: 47.825 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

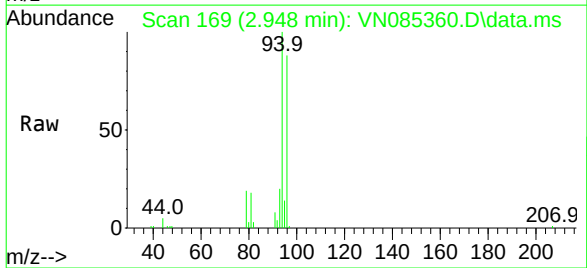
Tgt Ion: 62 Resp: 122678
Ion Ratio Lower Upper
62 100
64 31.8 27.0 40.6





#5
Bromomethane
Concen: 43.598 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN085360.D
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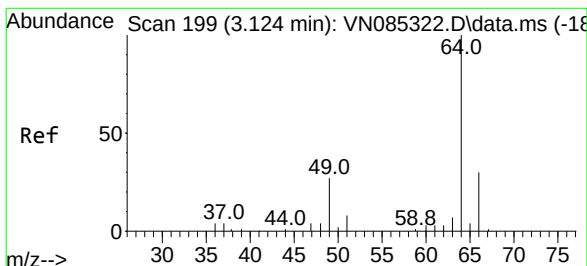
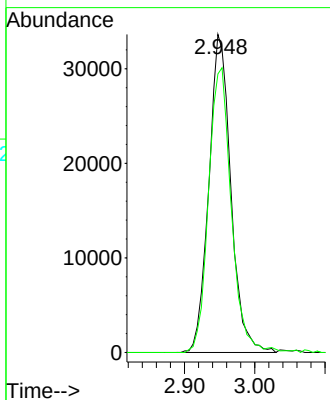
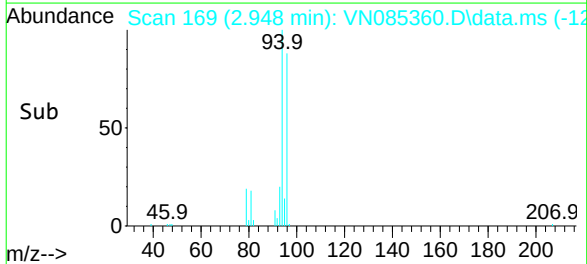
Instrument :
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Tgt Ion: 94 Resp: 73142
Ion Ratio Lower Upper
94 100
96 87.6 75.2 112.8

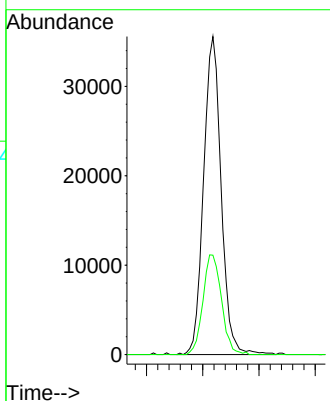
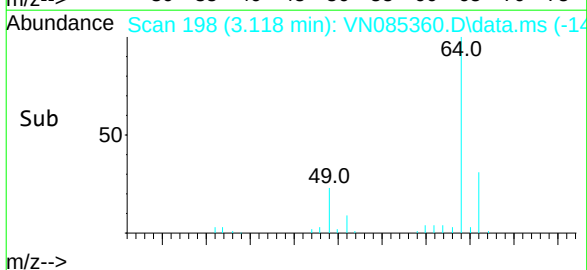
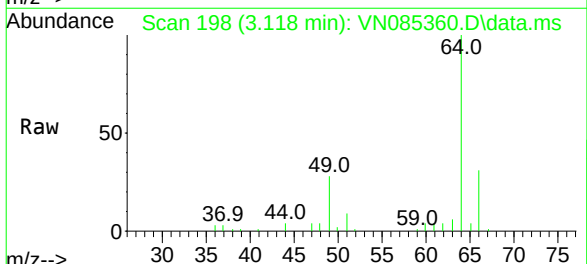
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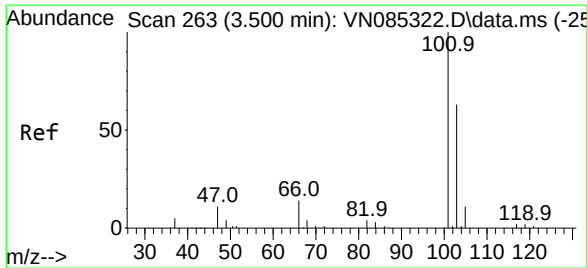
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#6
Chloroethane
Concen: 47.490 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 64 Resp: 77255
Ion Ratio Lower Upper
64 100
66 31.3 24.1 36.1





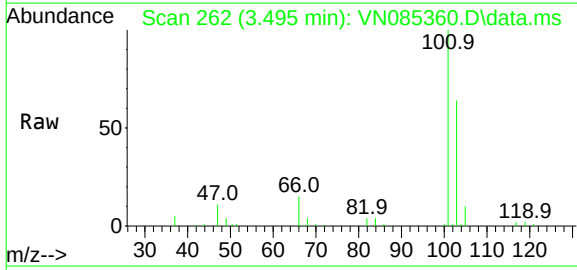
#7
 Trichlorofluoromethane
 Concen: 50.072 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085360.D
 Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



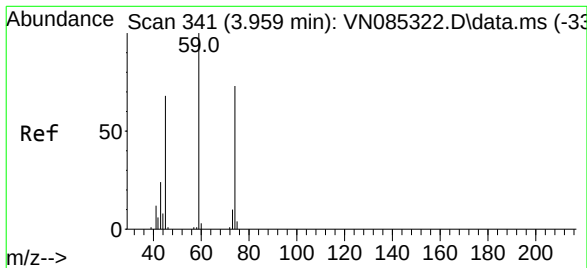
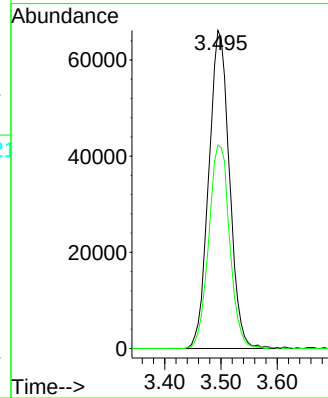
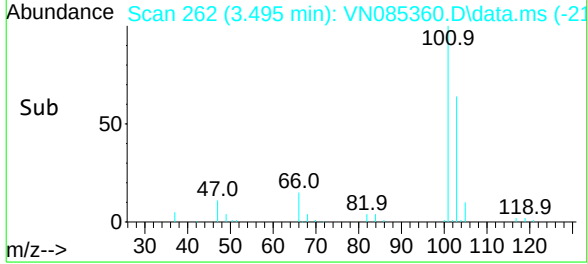
Tgt Ion: 101 Resp: 168843
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.3 75.5

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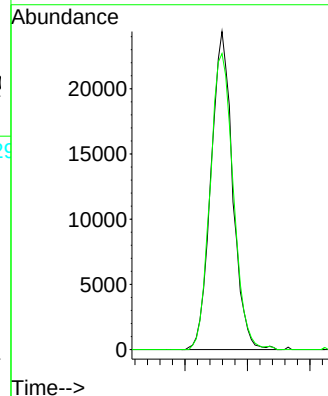
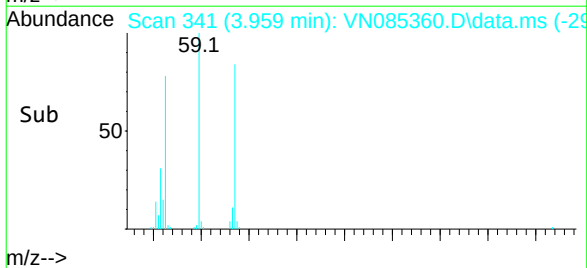
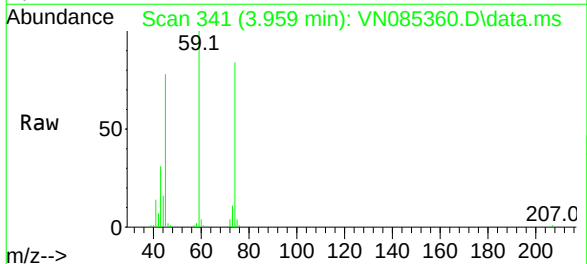
Reviewed By : John Carlone 01/02/2025

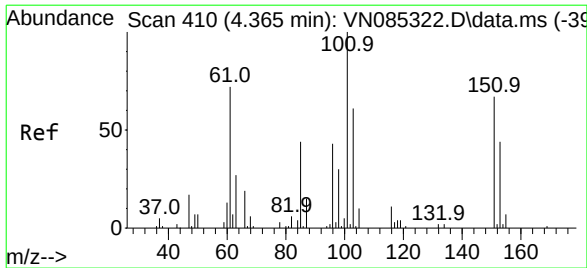
Supervised By : Mahesh Dadoda 01/02/2025



#8
 Diethyl Ether
 Concen: 52.648 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085360.D
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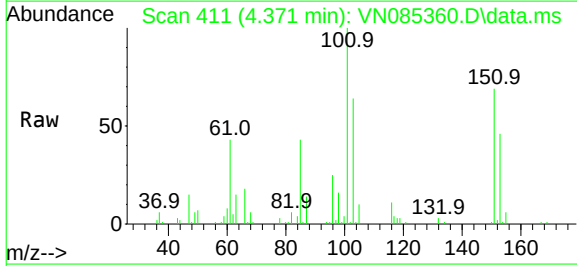
Tgt Ion: 74 Resp: 58782
 Ion Ratio Lower Upper
 74 100
 45 99.8 47.5 142.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.242 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

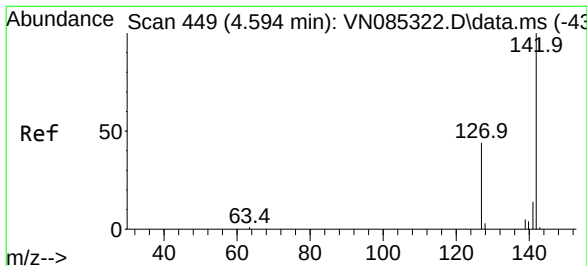
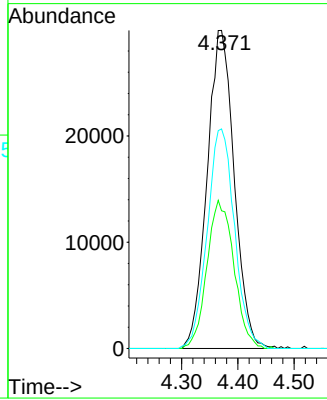
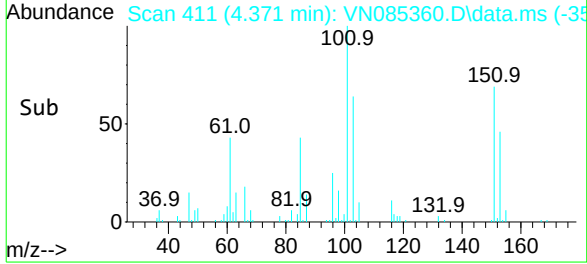
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



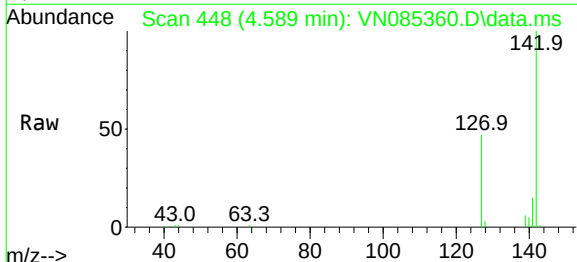
Tgt Ion:101 Resp: 100237
Ion Ratio Lower Upper
101 100
85 46.3 36.2 54.4
151 69.9 55.8 83.6

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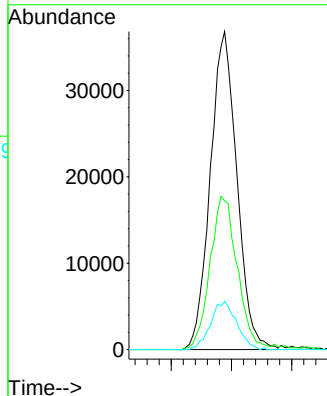
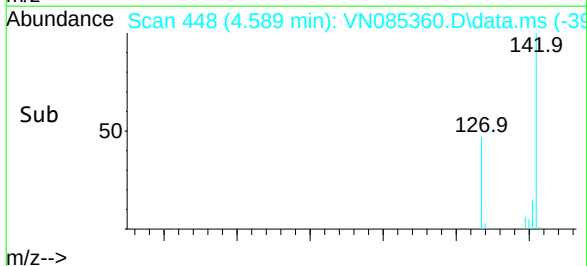
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

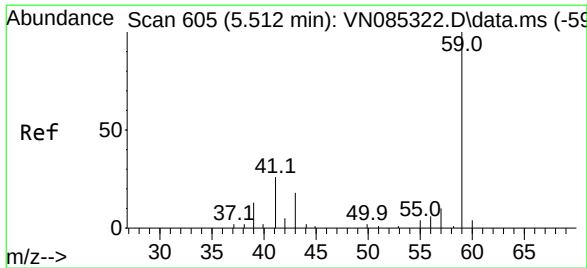


#10
Methyl Iodide
Concen: 50.888 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20



Tgt Ion:142 Resp: 112990
Ion Ratio Lower Upper
142 100
127 46.8 35.3 52.9
141 15.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 266.479 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 75944

Ion Ratio Lower Upper

59 100

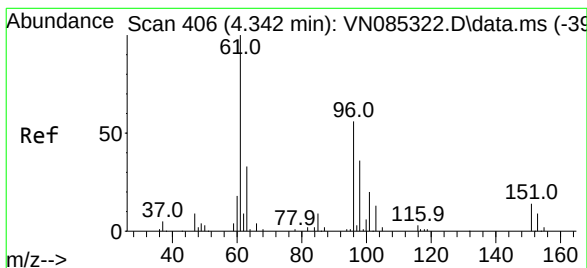
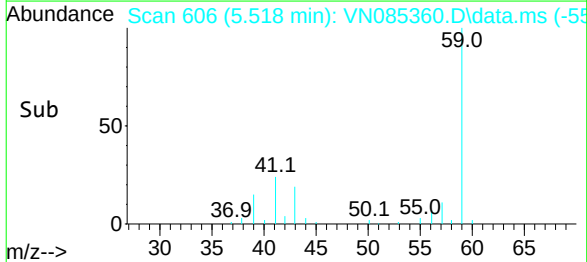
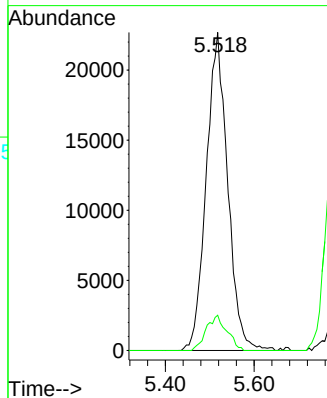
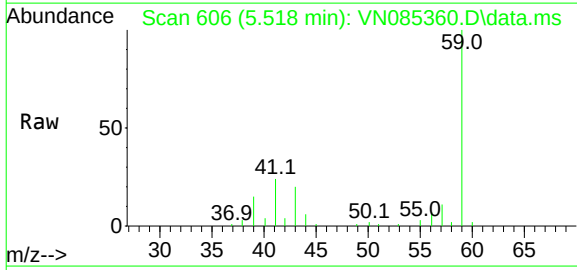
57 10.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 50.407 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

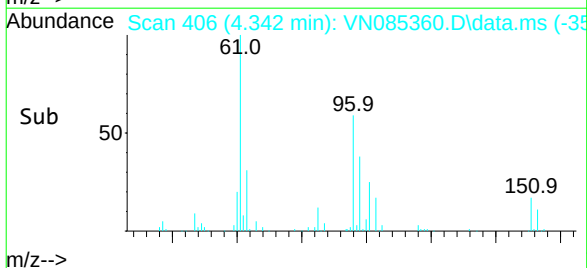
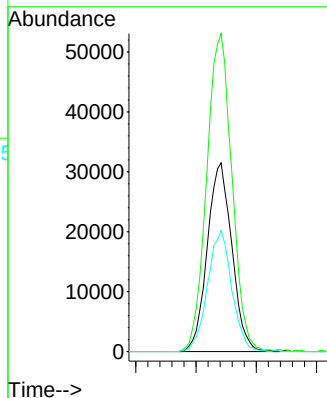
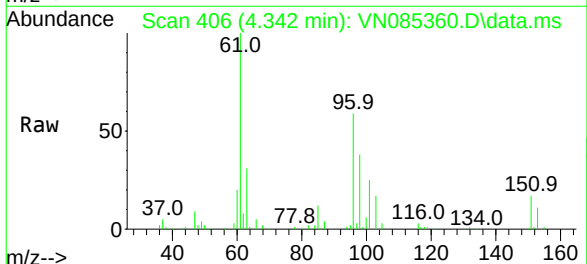
Tgt Ion: 96 Resp: 89382

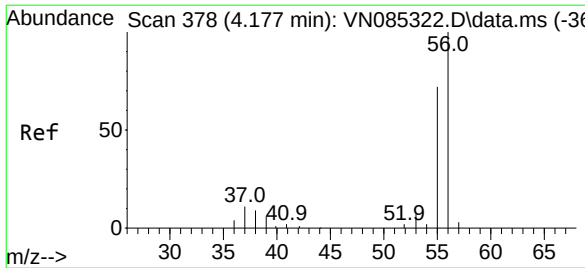
Ion Ratio Lower Upper

96 100

61 168.6 142.4 213.6

98 64.3 51.5 77.3





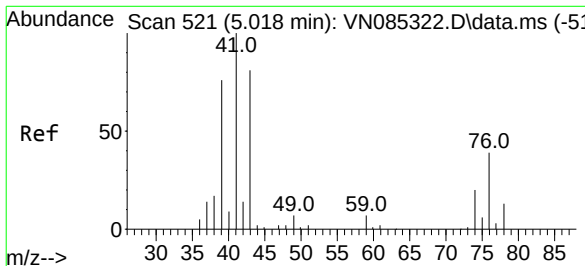
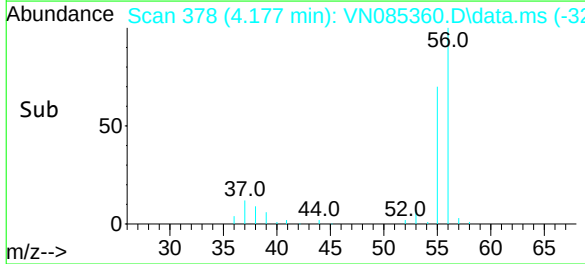
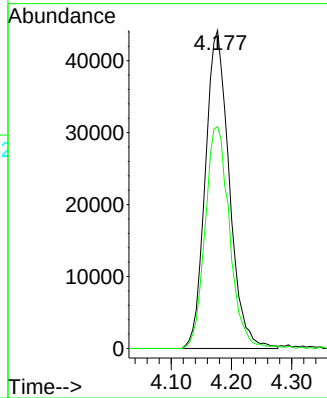
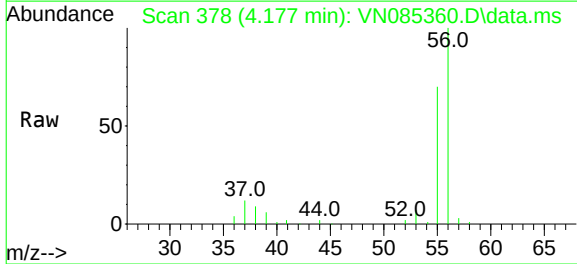
#13
Acrolein
Concen: 274.311 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 121882
Ion Ratio Lower Upper
56 100
55 71.4 57.5 86.3

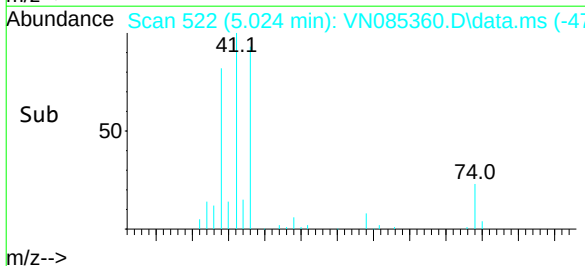
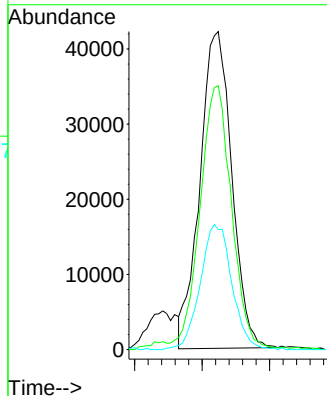
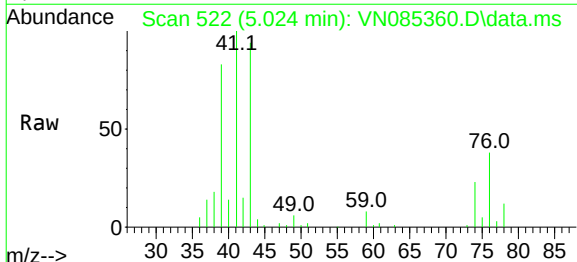
Manual Integrations
APPROVED

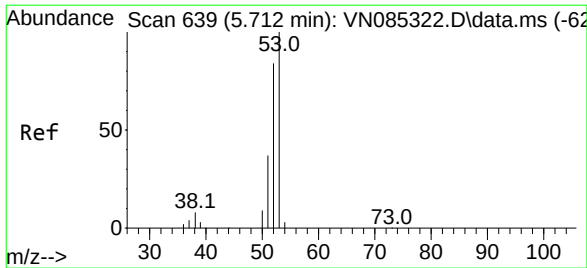
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 48.838 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 41 Resp: 138601
Ion Ratio Lower Upper
41 100
39 81.5 64.4 96.6
76 39.1 31.5 47.3





#15

Acrylonitrile

Concen: 292.652 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

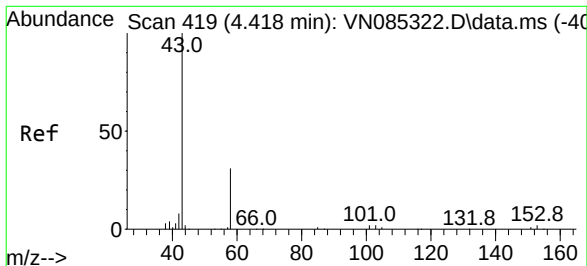
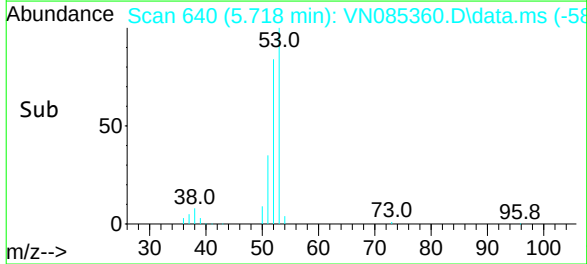
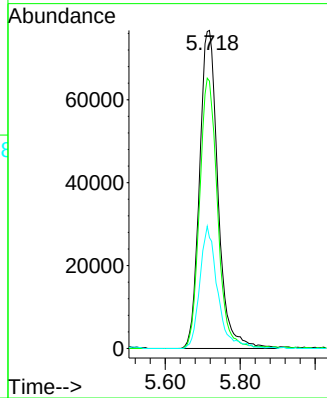
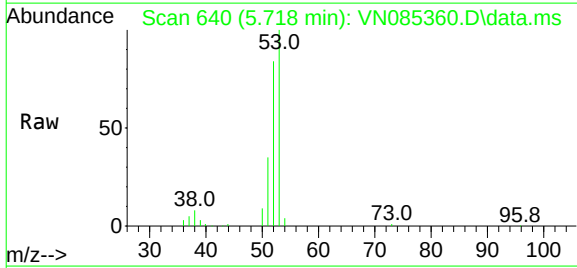
Tgt Ion:	53	Resp:	262501
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.6	100.0
51	37.0	29.6	44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#16

Acetone

Concen: 285.690 ug/l

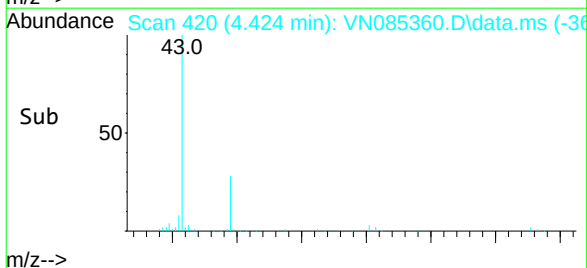
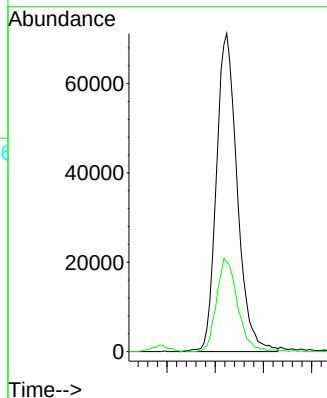
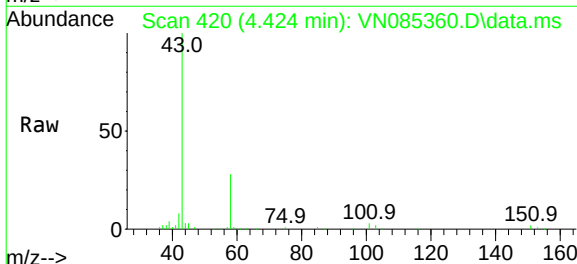
RT: 4.424 min Scan# 420

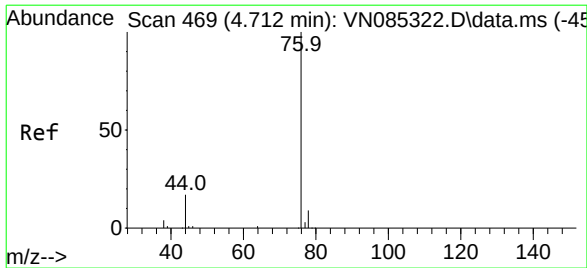
Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

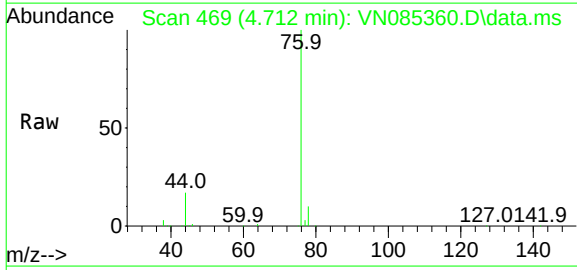
Tgt Ion:	43	Resp:	213805
Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.5	36.7





#17
Carbon Disulfide
Concen: 47.316 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

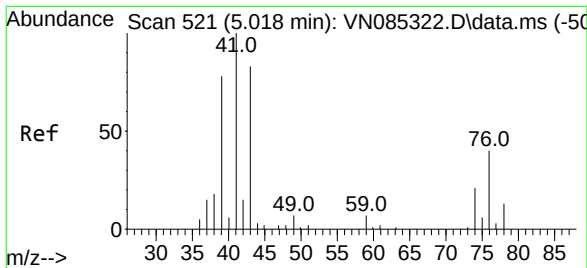
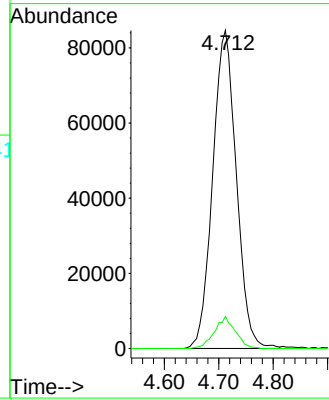
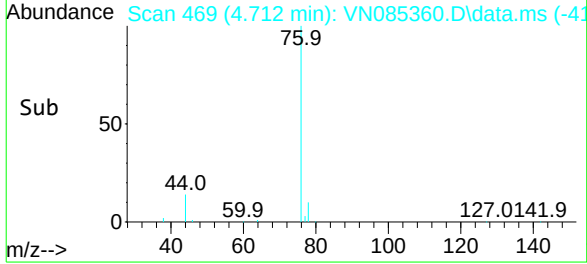
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 255243
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

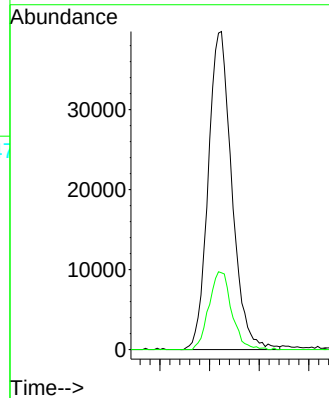
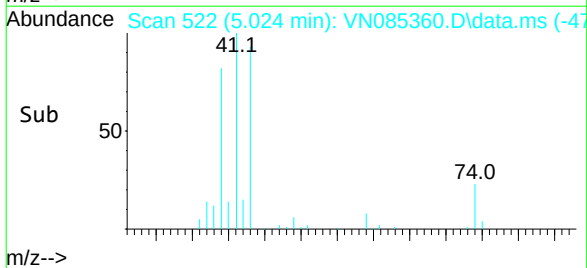
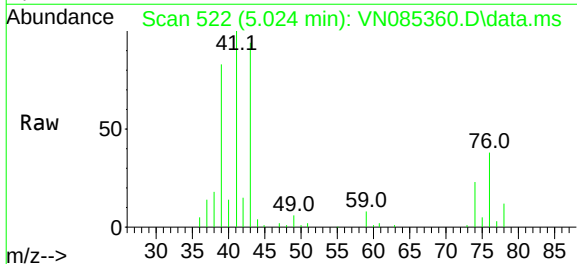
Manual Integrations
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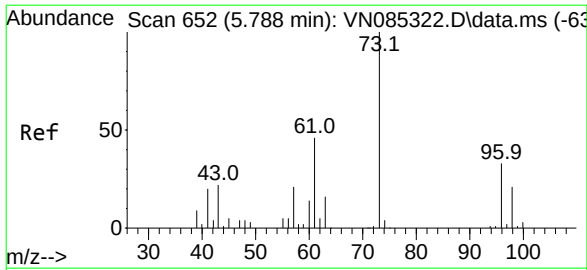
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 57.366 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 43 Resp: 131438
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.6





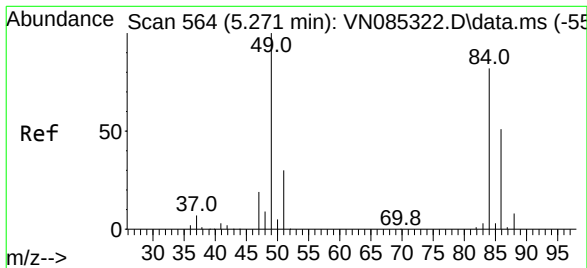
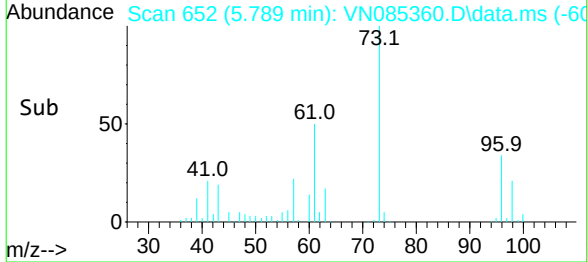
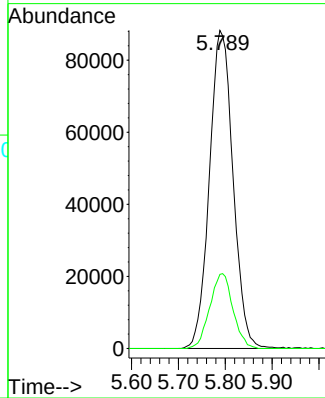
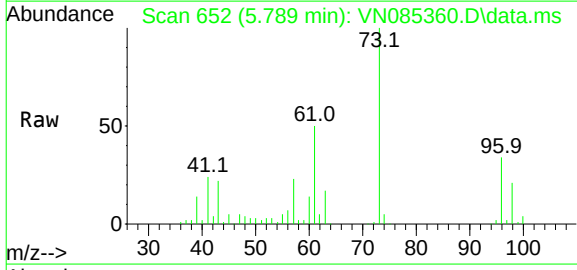
#19
Methyl tert-butyl Ether
Concen: 53.511 ug/l
RT: 5.789 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 308412
Ion Ratio Lower Upper
73 100
57 23.3 17.0 25.6

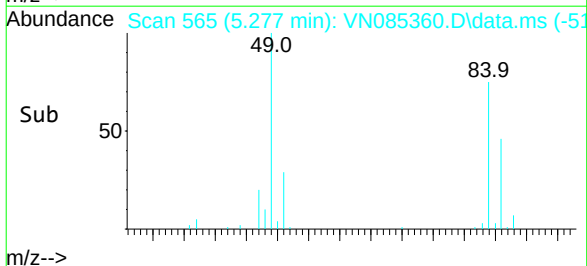
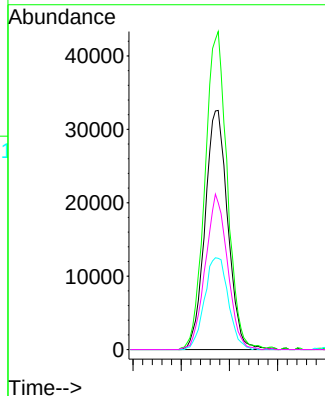
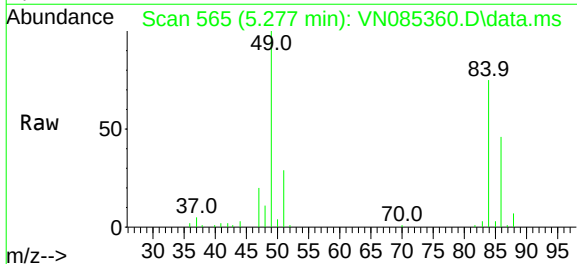
Manual Integrations
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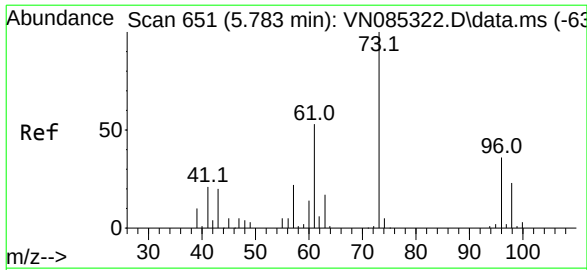
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#20
Methylene Chloride
Concen: 53.113 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 84 Resp: 106914
Ion Ratio Lower Upper
84 100
49 133.0 97.6 146.4
51 38.2 29.1 43.7
86 61.4 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 51.398 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 95206

Ion Ratio Lower Upper

96 100

61 144.6 118.0 177.0

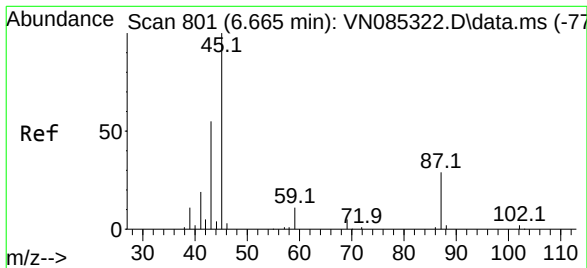
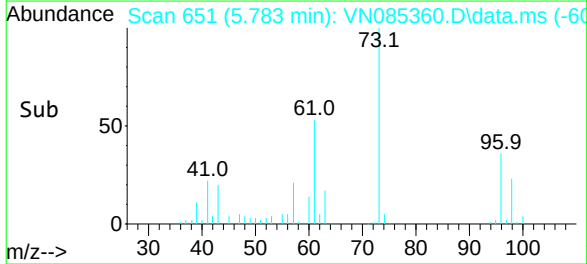
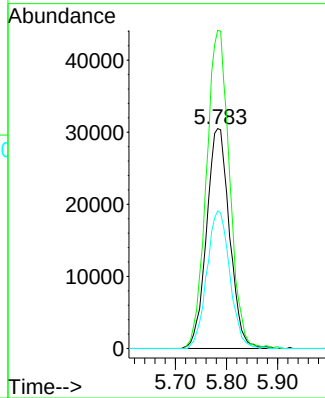
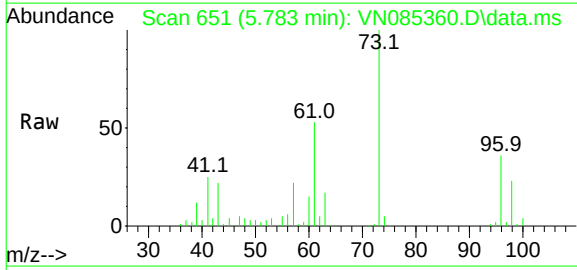
98 62.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#22

Diisopropyl ether

Concen: 56.124 ug/l

RT: 6.665 min Scan# 801

Delta R.T. 0.000 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Tgt Ion: 45 Resp: 343229

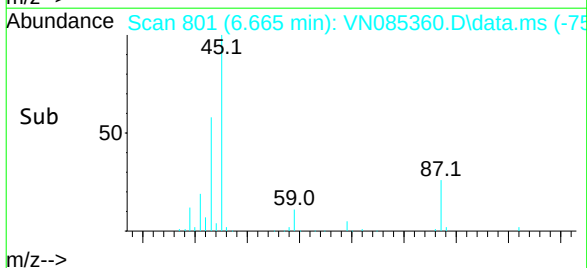
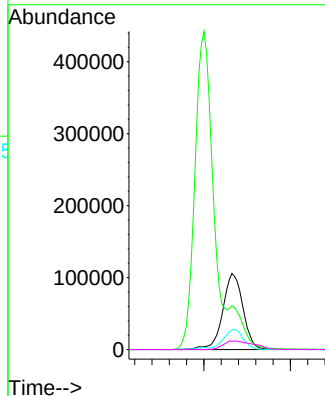
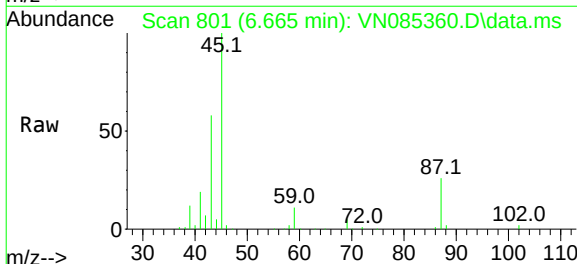
Ion Ratio Lower Upper

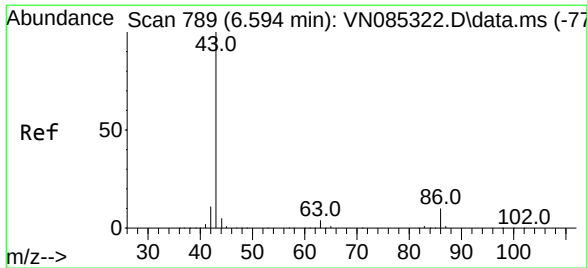
45 100

43 56.6 44.1 66.1

87 25.7 23.2 34.8

59 10.8 9.0 13.6





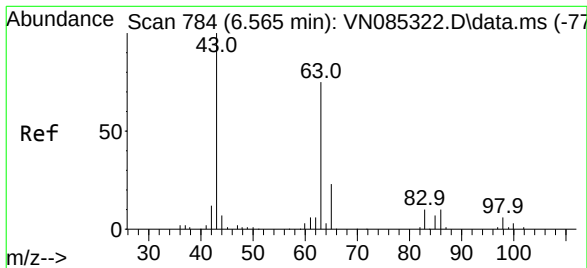
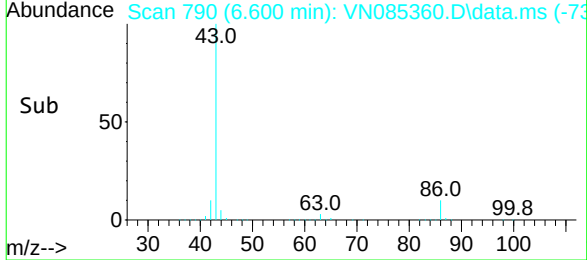
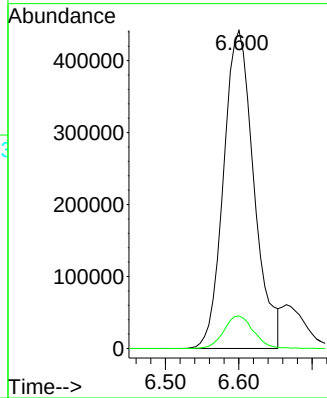
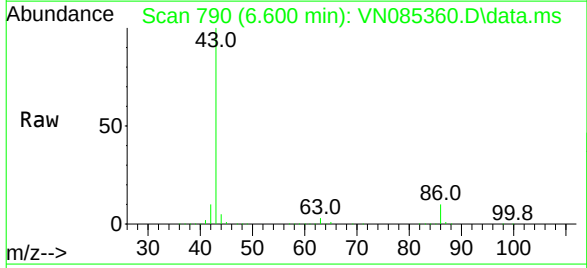
#23
 Vinyl Acetate
 Concen: 287.828 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085360.D
 Acq: 31 Dec 2024 09:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1273392
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0

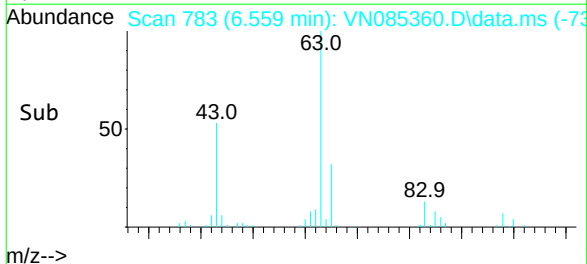
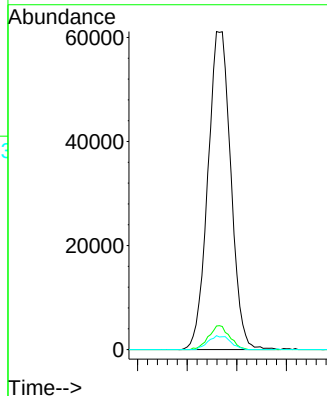
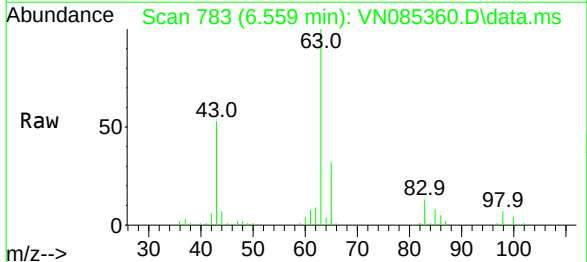
Manual Integrations
 APPROVED

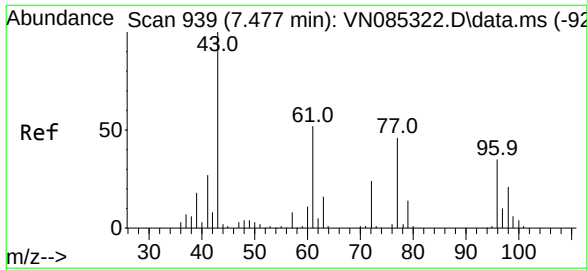
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#24
 1,1-Dichloroethane
 Concen: 53.409 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085360.D
 Acq: 31 Dec 2024 09:20

Tgt Ion: 63 Resp: 196756
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.4 2.3 6.8





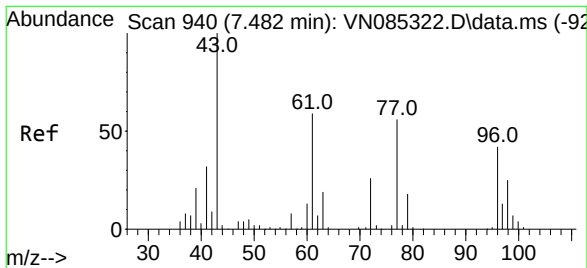
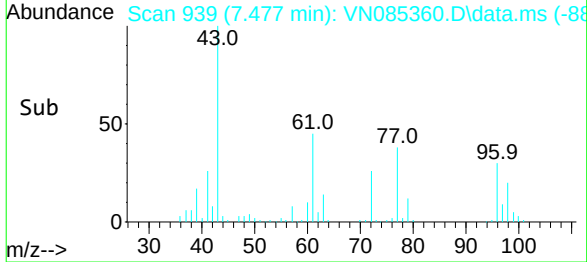
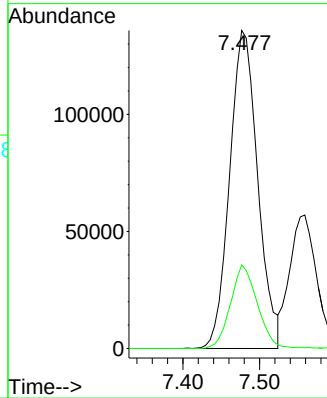
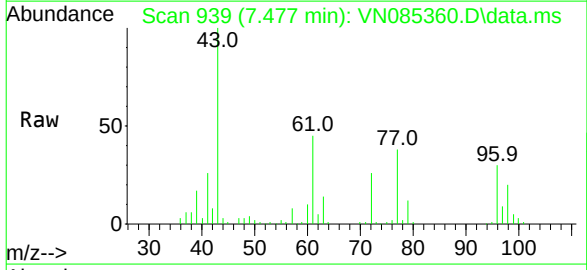
#25
2-Butanone
Concen: 297.711 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 345653
Ion Ratio Lower Upper
43 100
72 26.3 19.6 29.4

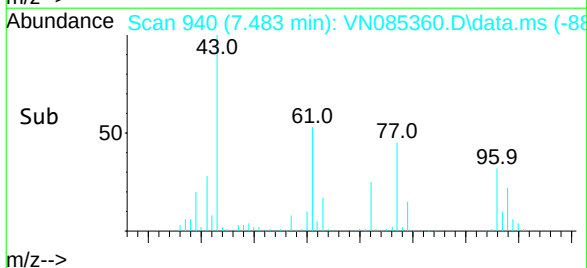
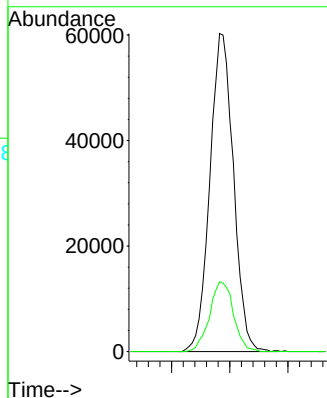
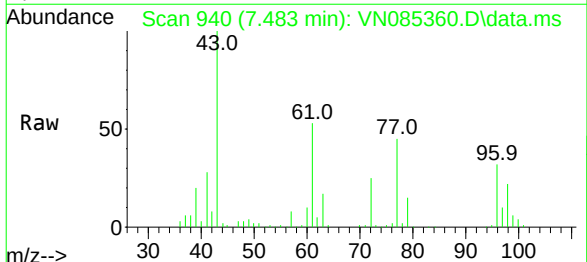
Manual Integrations
APPROVED

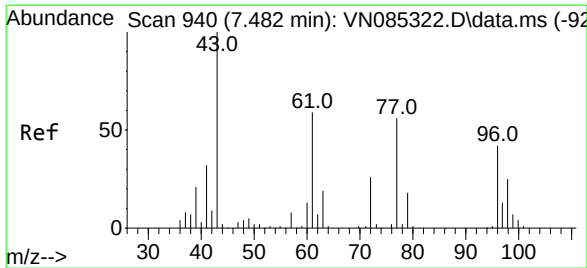
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 52.576 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 77 Resp: 169691
Ion Ratio Lower Upper
77 100
97 22.2 10.6 31.8





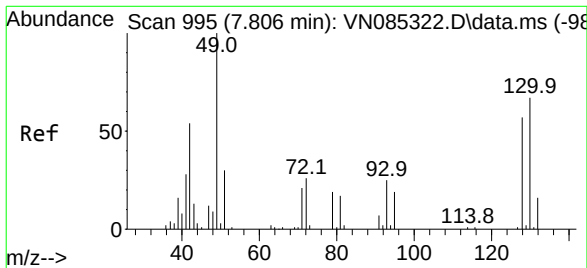
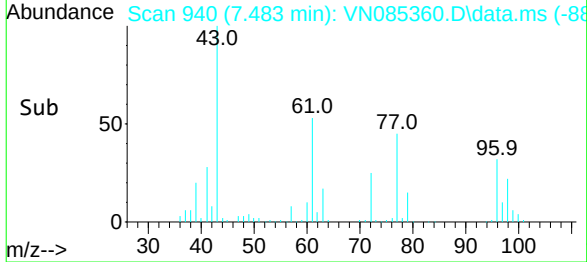
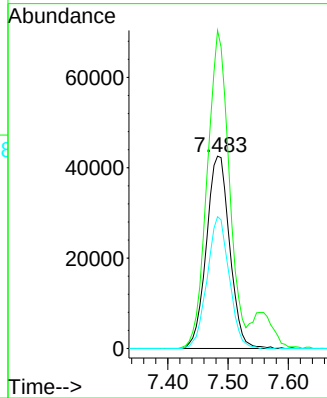
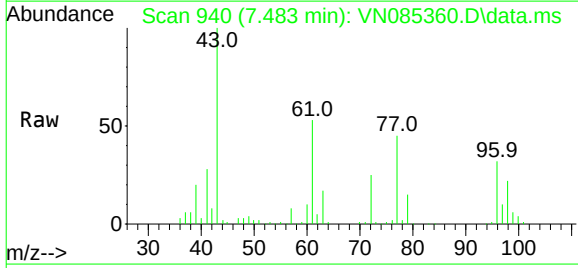
#27
cis-1,2-Dichloroethene
Concen: 52.442 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 114014
Ion Ratio Lower Upper
96 100
61 156.1 0.0 296.4
98 65.2 0.0 124.2

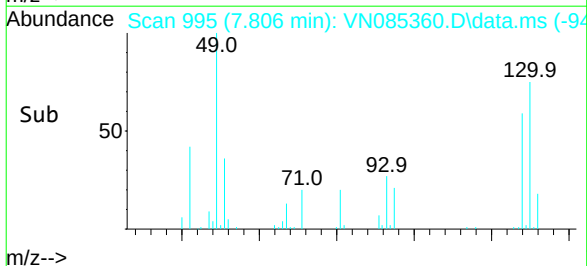
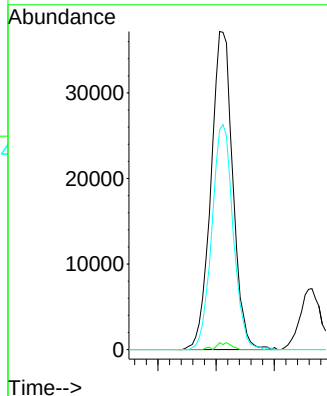
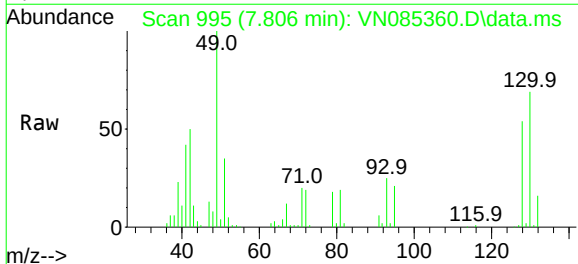
Manual Integrations
APPROVED

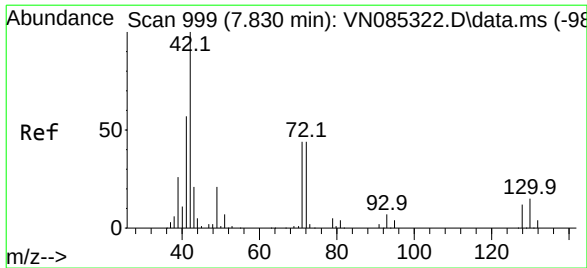
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#28
Bromochloromethane
Concen: 56.728 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 49 Resp: 97118
Ion Ratio Lower Upper
49 100
129 1.5 0.0 2.0
130 68.7 0.0 0.0#





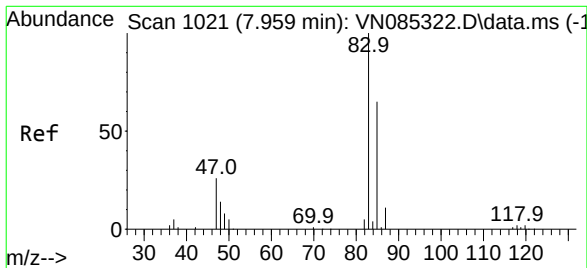
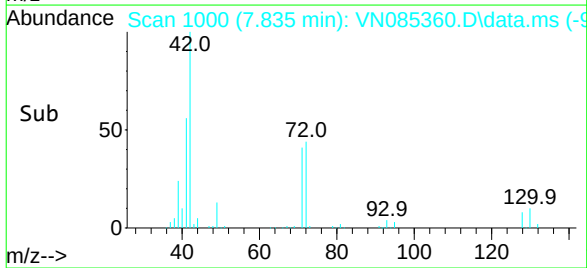
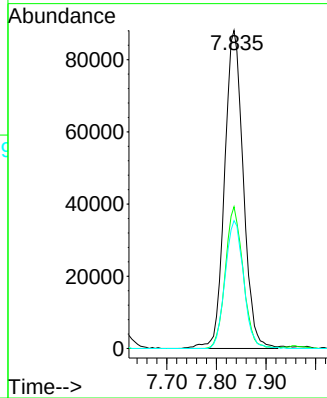
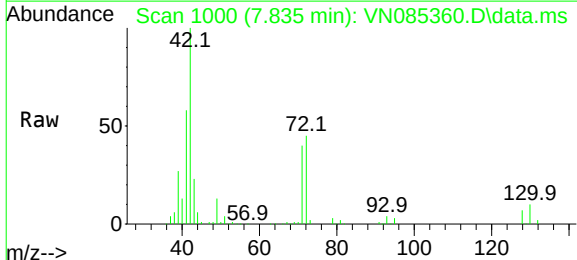
#29
Tetrahydrofuran
Concen: 308.845 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 230979
Ion Ratio Lower Upper
42 100
72 42.2 35.1 52.7
71 39.7 33.4 50.0

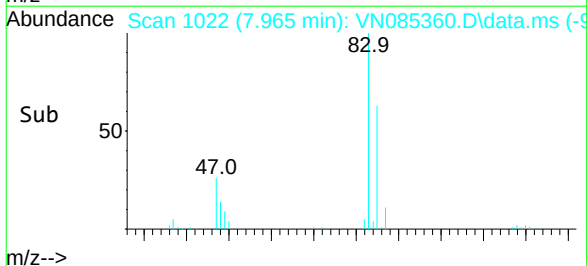
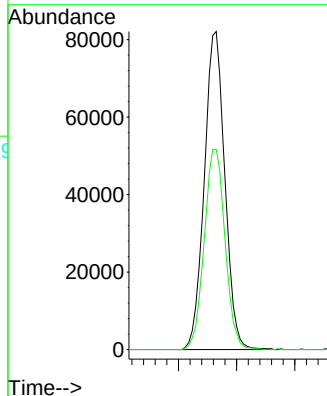
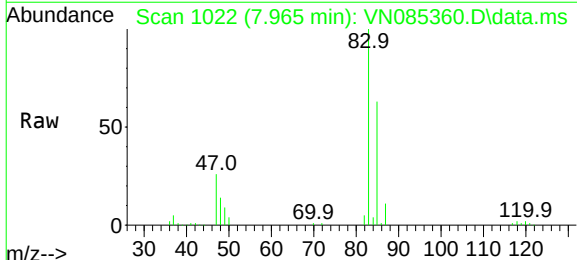
Manual Integrations
APPROVED

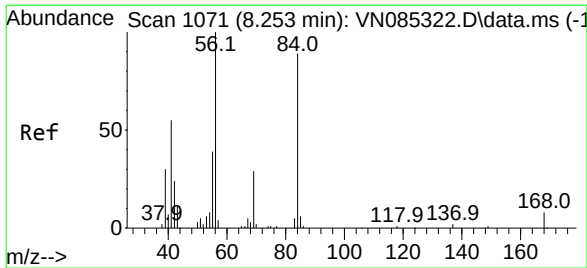
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 53.390 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

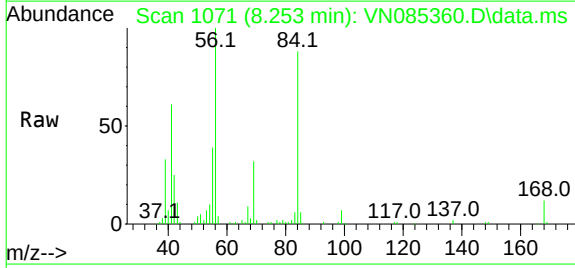
Tgt Ion: 83 Resp: 201217
Ion Ratio Lower Upper
83 100
85 63.0 52.0 78.0





#31
Cyclohexane
Concen: 47.810 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

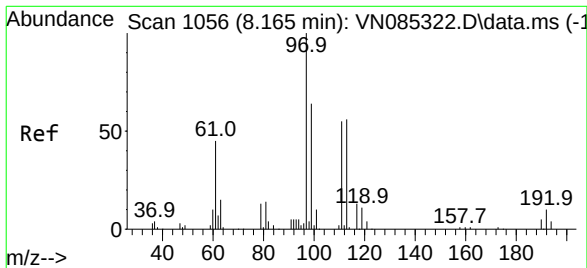
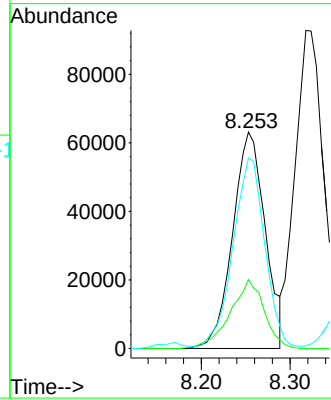
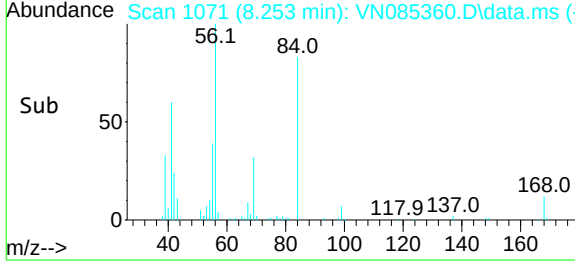
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



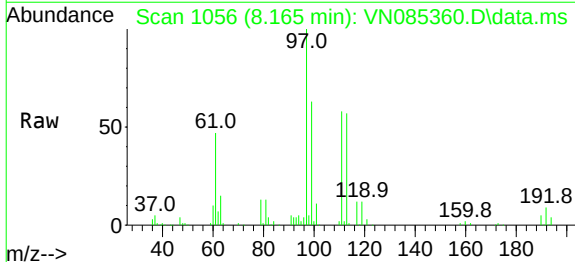
Tgt Ion: 56 Resp: 160831
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.0
84 86.4 71.0 106.6

Manual Integrations
APPROVED

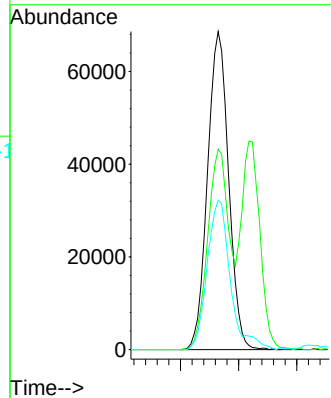
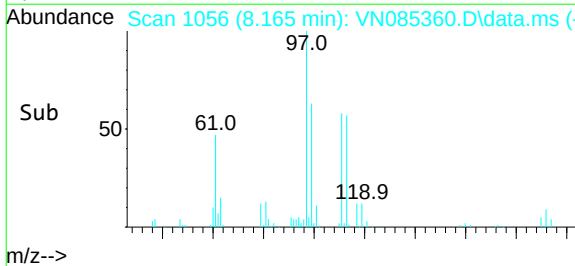
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

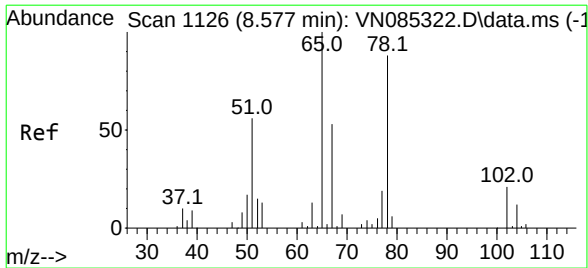


#32
1,1,1-Trichloroethane
Concen: 51.259 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20



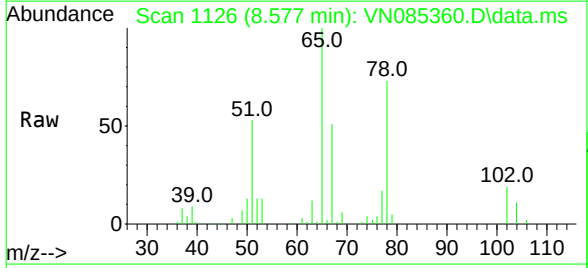
Tgt Ion: 97 Resp: 172531
Ion Ratio Lower Upper
97 100
99 64.8 53.3 79.9
61 51.5 39.6 59.4





#33
1,2-Dichloroethane-d4
Concen: 53.327 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

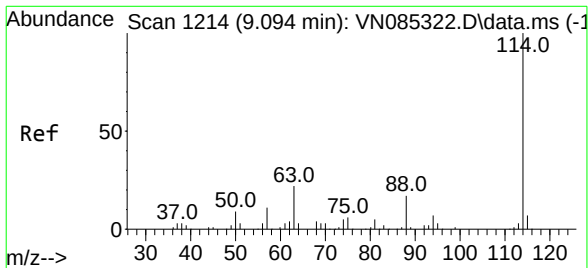
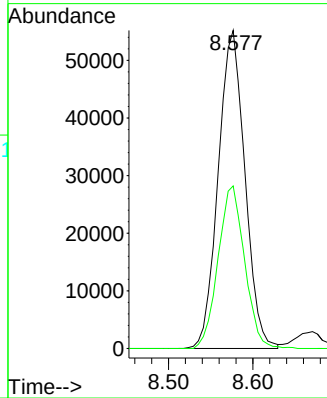
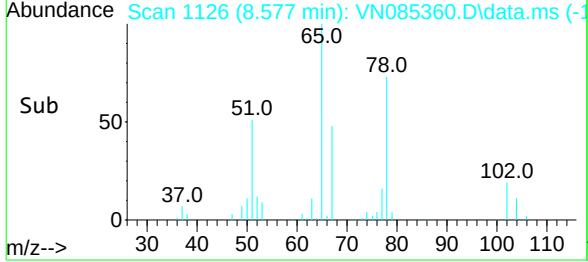
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



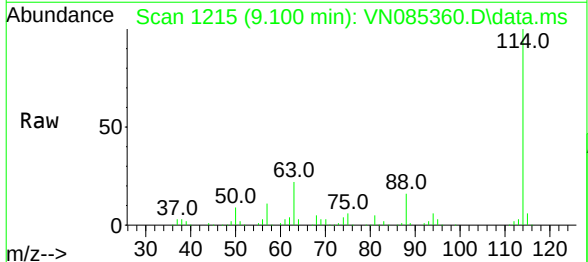
Tgt Ion: 65 Resp: 121368
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

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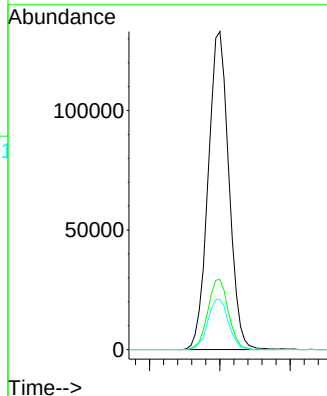
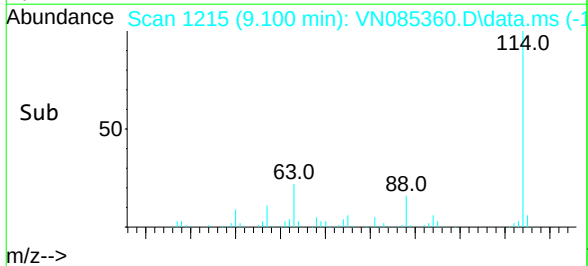
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

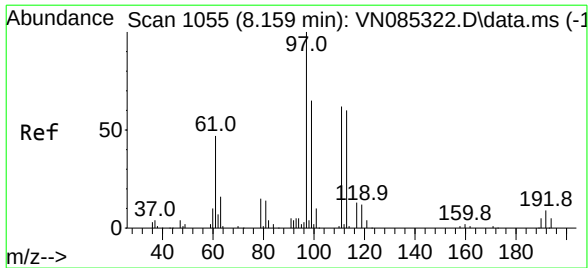


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20



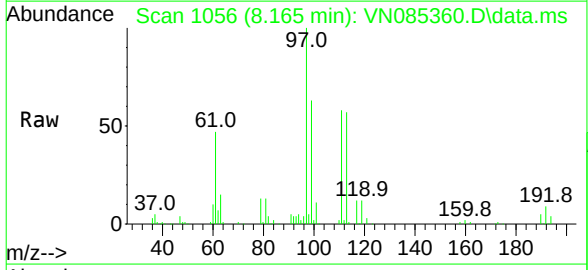
Tgt Ion:114 Resp: 272167
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 15.7 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 54.880 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085360.D
 Acq: 31 Dec 2024 09:20

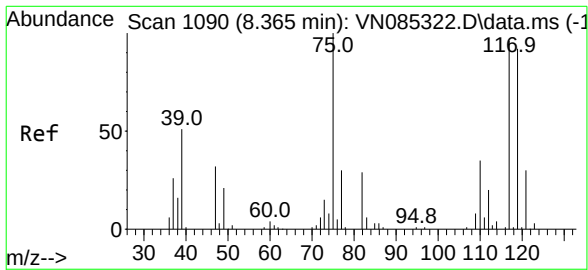
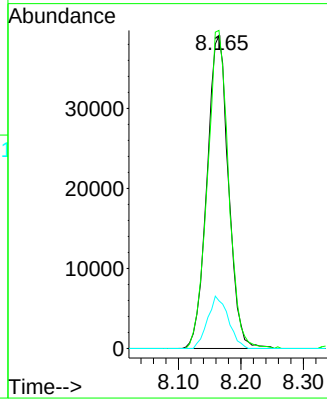
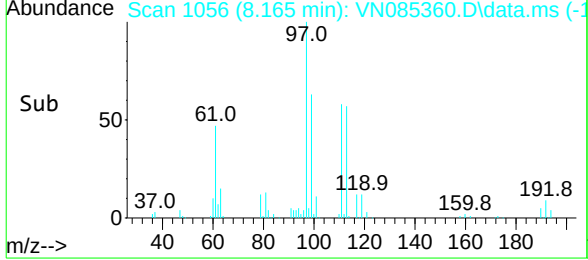
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:	113	Resp:	93182
Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.5	120.7
192	16.1	12.9	19.3

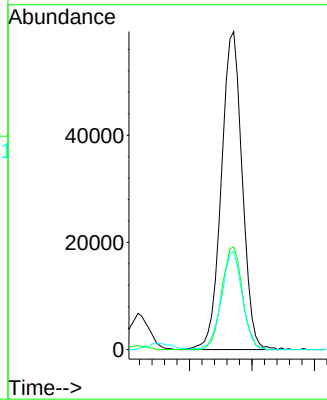
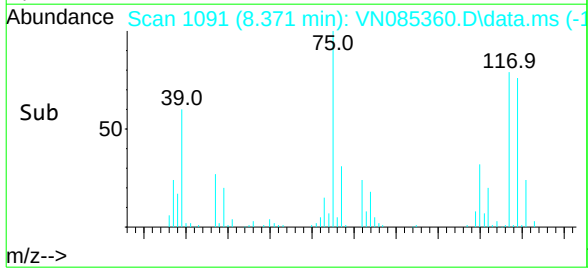
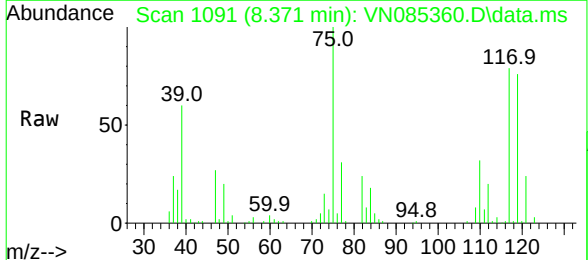
Manual Integrations
 APPROVED

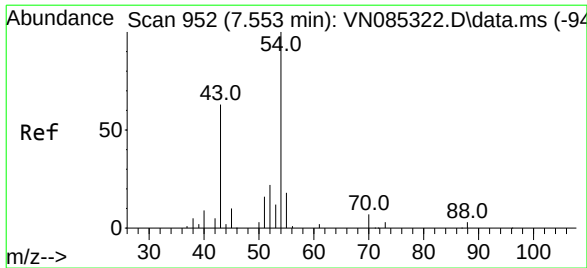
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#36
 1,1-Dichloropropene
 Concen: 55.355 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085360.D
 Acq: 31 Dec 2024 09:20

Tgt Ion:	75	Resp:	137613
Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.6	49.8
77	31.0	24.3	36.5





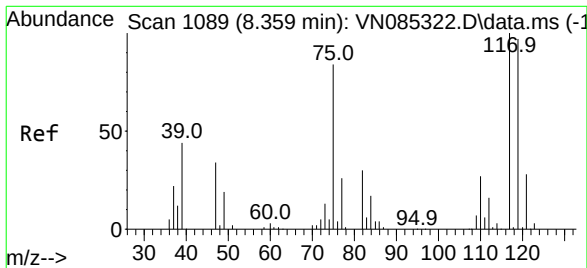
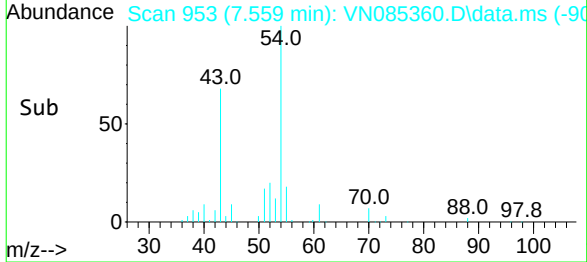
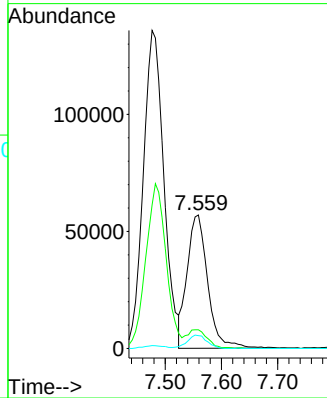
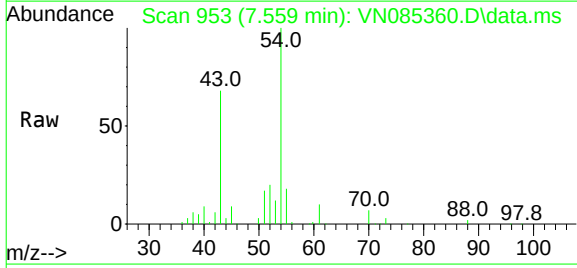
#37
Ethyl Acetate
Concen: 58.572 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 144736
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.6 8.2 12.2

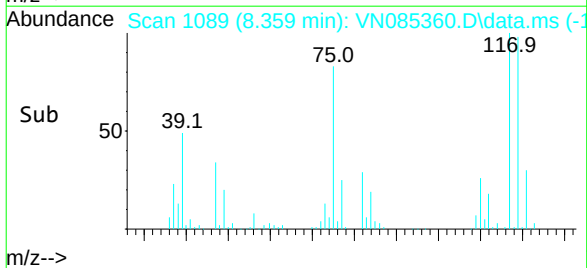
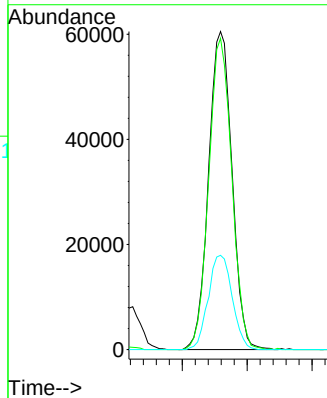
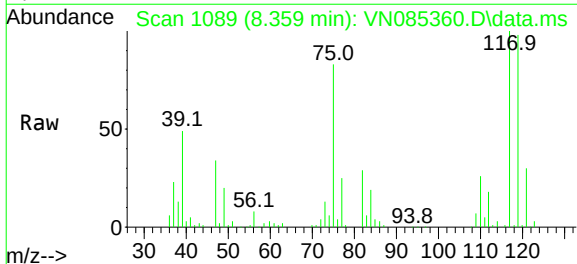
Manual Integrations
APPROVED

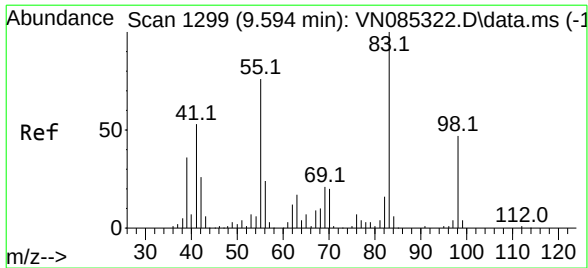
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 55.967 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:117 Resp: 151659
Ion Ratio Lower Upper
117 100
119 97.9 77.8 116.6
121 29.6 22.5 33.7





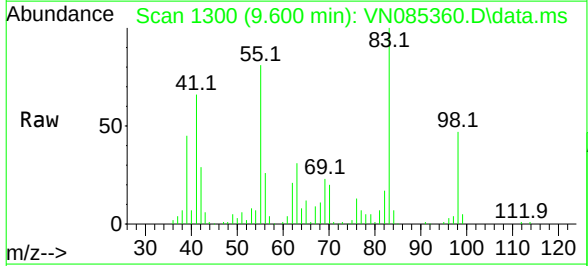
#39
Methylcyclohexane
Concen: 55.663 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



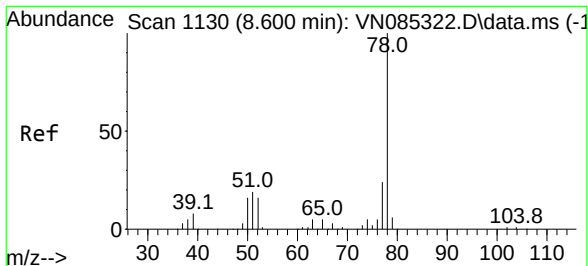
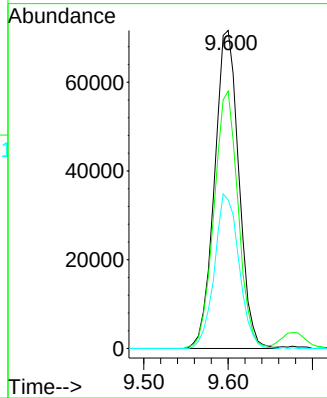
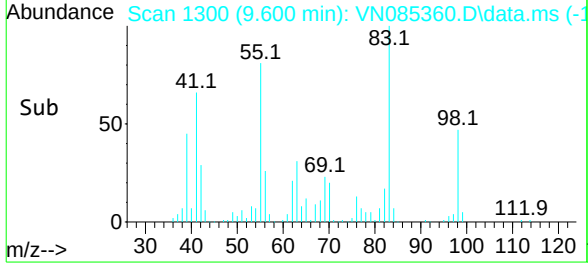
Tgt Ion: 83 Resp: 143576
Ion Ratio Lower Upper
83 100
55 80.9 60.7 91.1
98 46.7 37.7 56.5

Manual Integrations

APPROVED

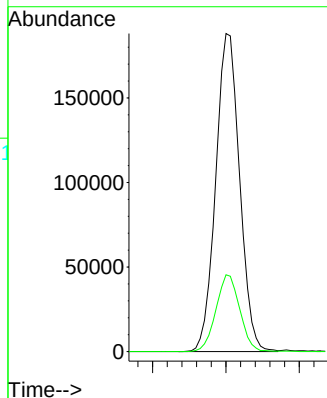
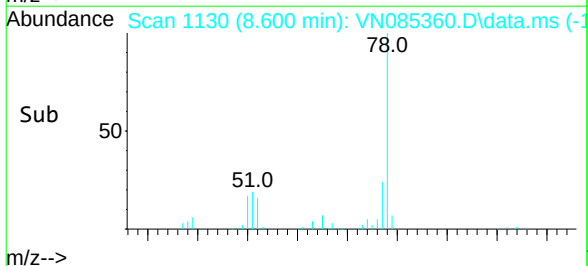
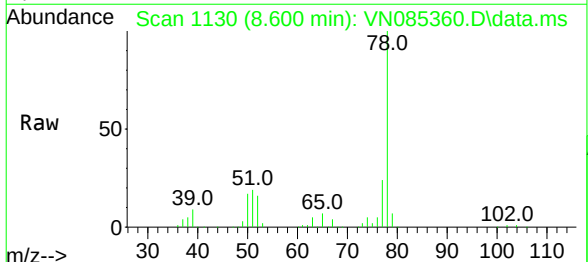
Reviewed By :John Carlone 01/02/2025

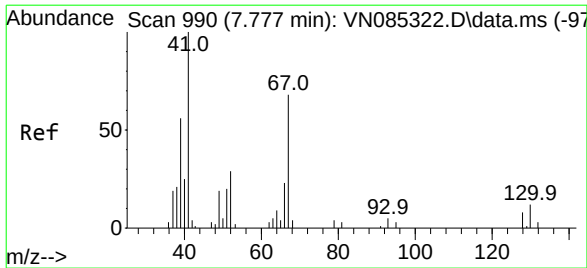
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 56.625 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 78 Resp: 425613
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





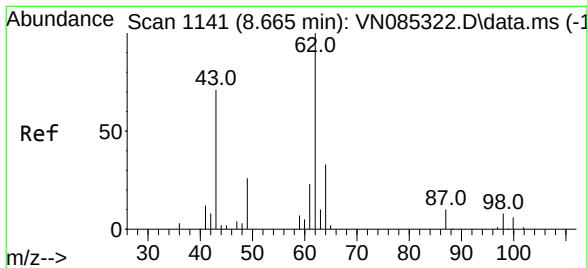
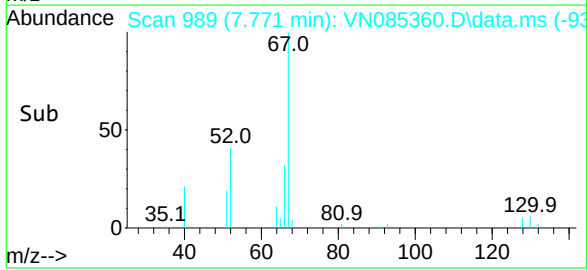
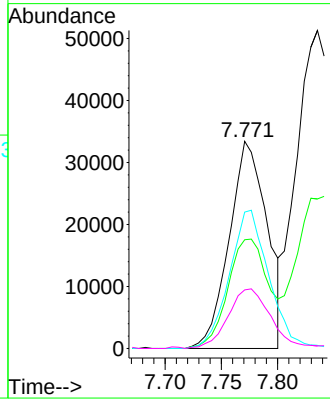
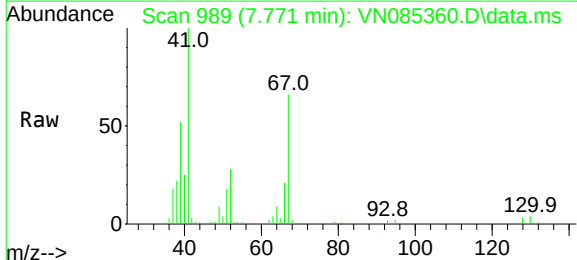
#41
Methacrylonitrile
Concen: 61.974 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 78428
Ion Ratio	Lower Upper
41 100	
39 56.2	45.8 68.8
67 69.9	57.1 85.7
52 32.8	25.1 37.7

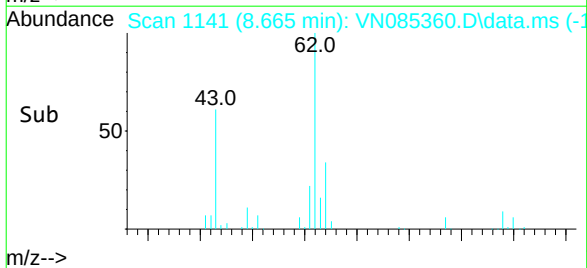
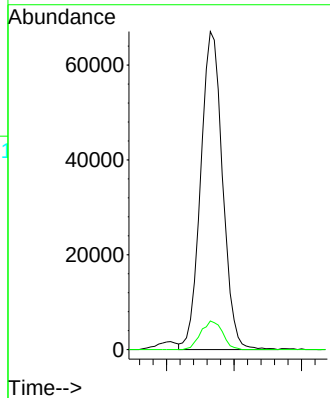
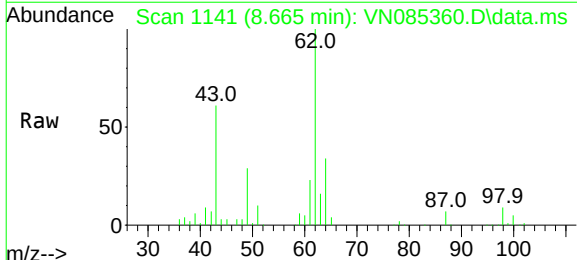
Manual Integrations
APPROVED

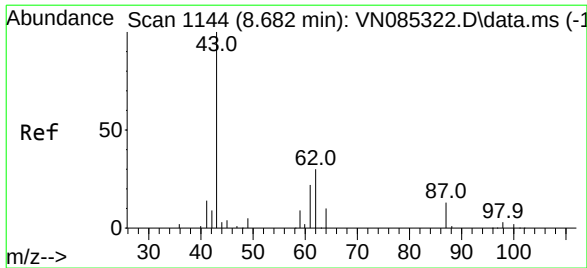
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 56.101 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 62	Resp: 151183
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 17.6





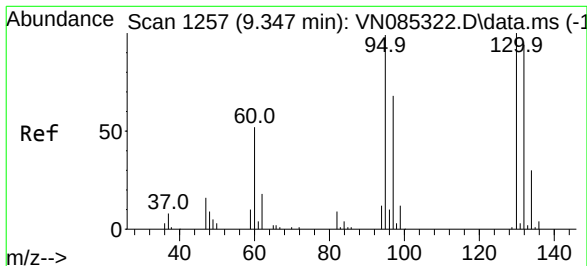
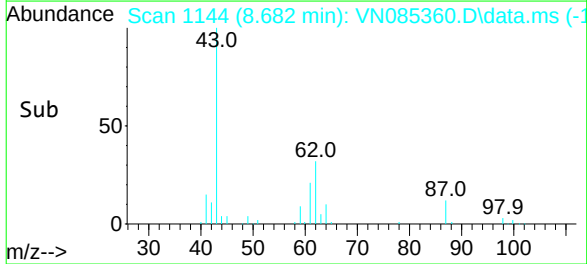
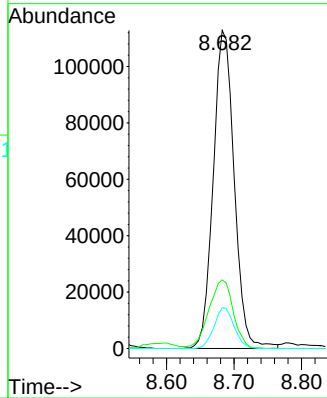
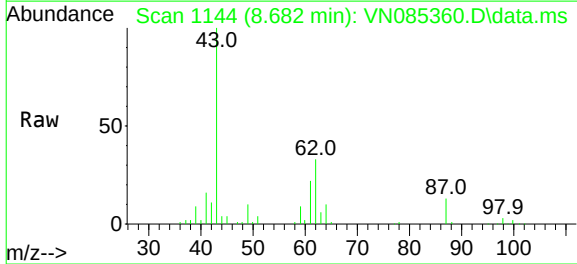
#43
Isopropyl Acetate
Concen: 59.876 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 243616
Ion Ratio Lower Upper
43 100
61 25.1 20.8 31.2
87 12.3 10.2 15.4

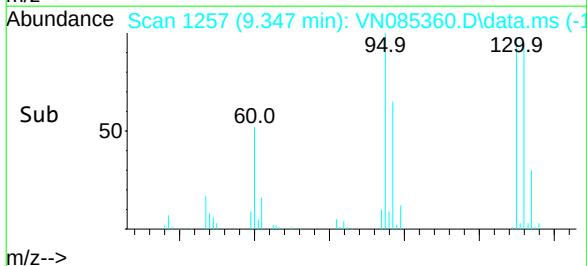
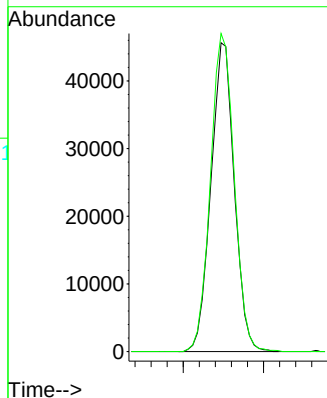
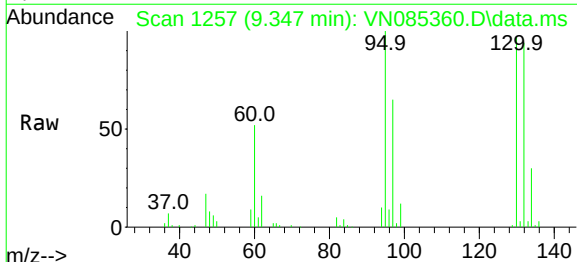
Manual Integrations
APPROVED

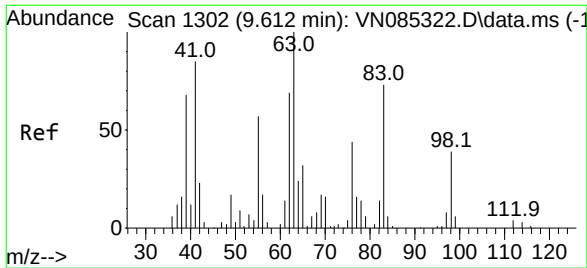
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#44
Trichloroethene
Concen: 51.726 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:130 Resp: 92047
Ion Ratio Lower Upper
130 100
95 103.0 0.0 197.8





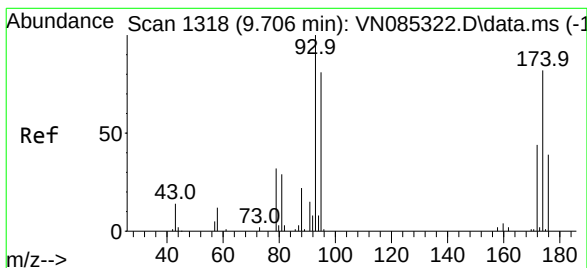
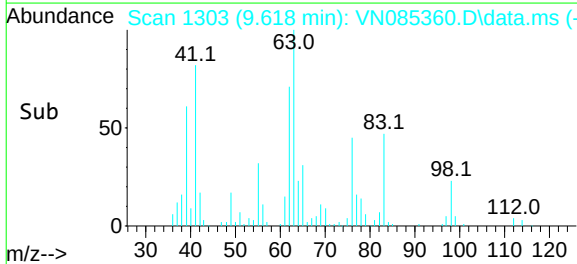
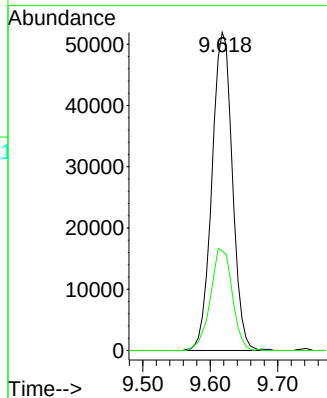
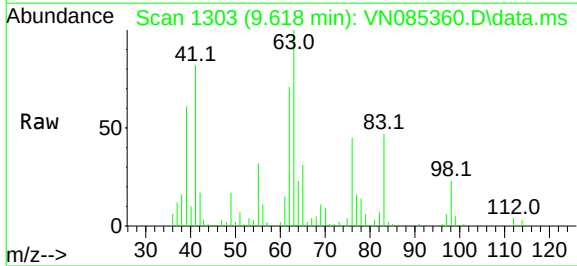
#45
1,2-Dichloropropane
Concen: 57.313 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 109357
Ion Ratio Lower Upper
63 100
65 31.3 25.5 38.3

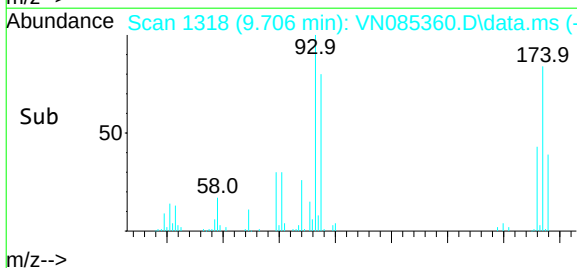
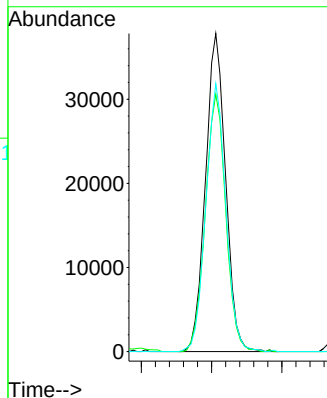
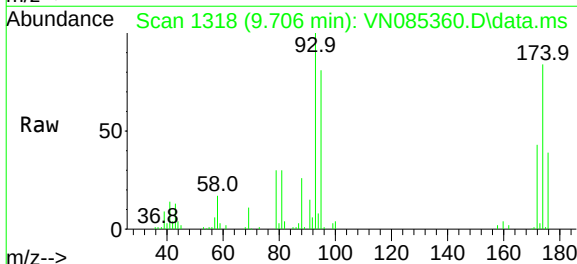
Manual Integrations
APPROVED

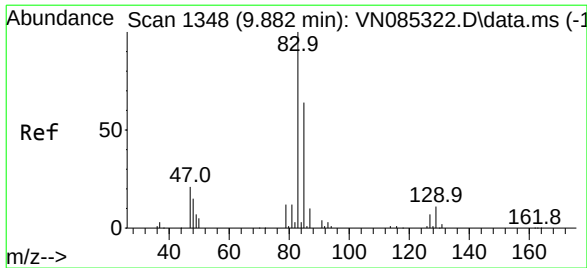
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 56.572 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 93 Resp: 75071
Ion Ratio Lower Upper
93 100
95 82.2 65.3 97.9
174 83.8 66.4 99.6





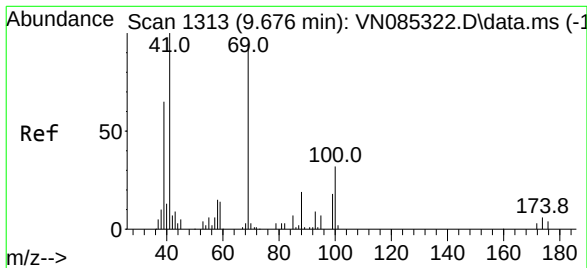
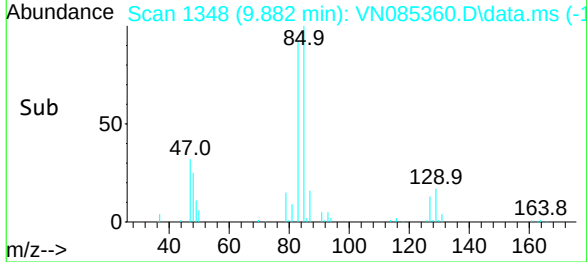
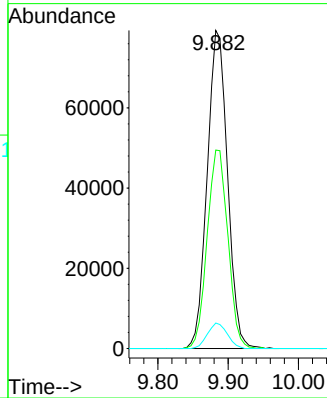
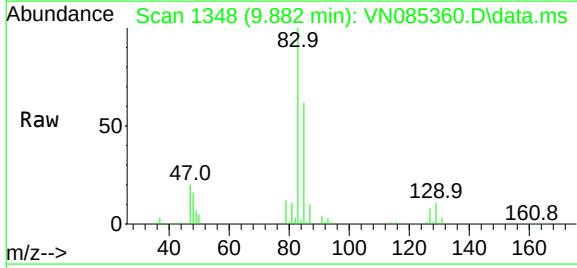
#47
Bromodichloromethane
Concen: 57.819 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 159469
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.4
127 8.0 5.8 8.6

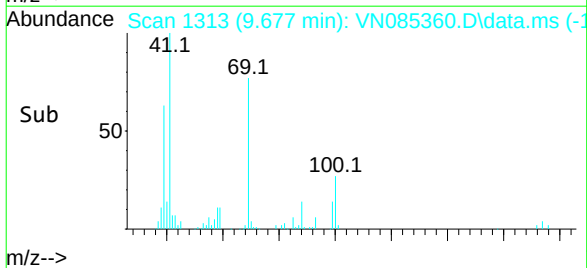
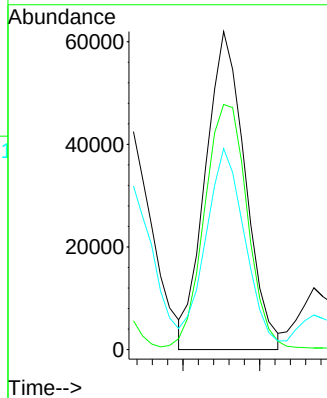
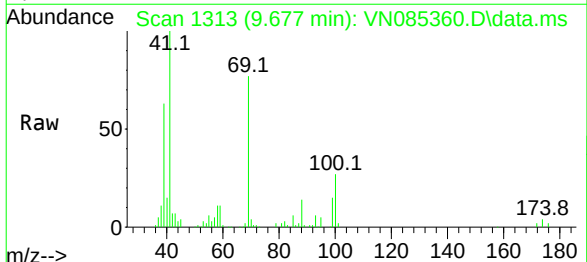
Manual Integrations
APPROVED

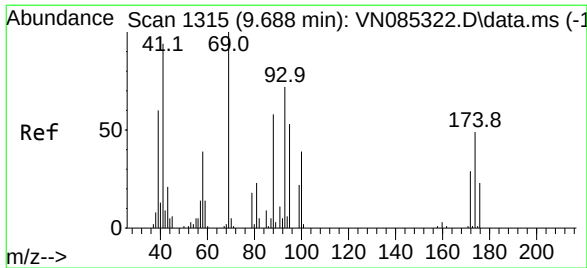
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 63.196 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

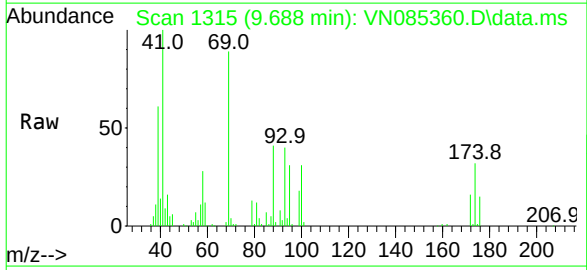
Tgt Ion: 41 Resp: 111570
Ion Ratio Lower Upper
41 100
69 84.0 67.7 101.5
39 63.6 51.2 76.8





#49
1,4-Dioxane
Concen: 1325.367 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

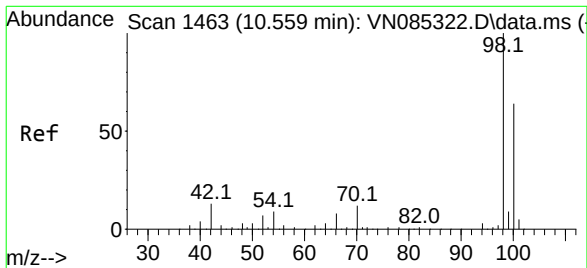
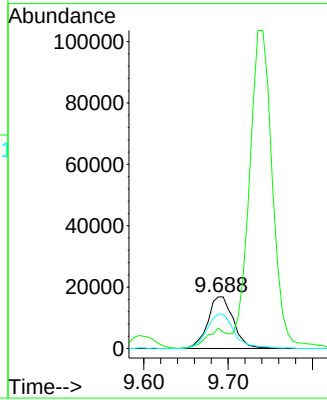
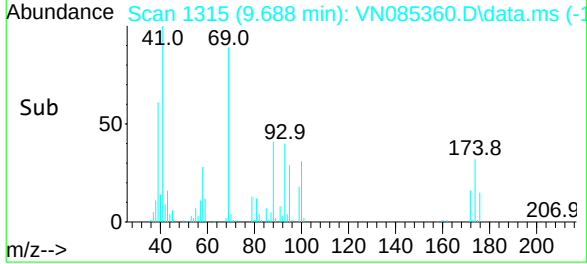
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 35304
Ion Ratio Lower Upper
88 100
43 31.6 22.1 33.1
58 72.8 56.7 85.1

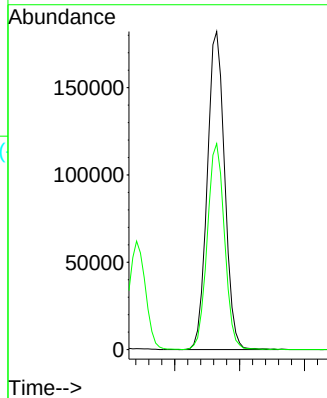
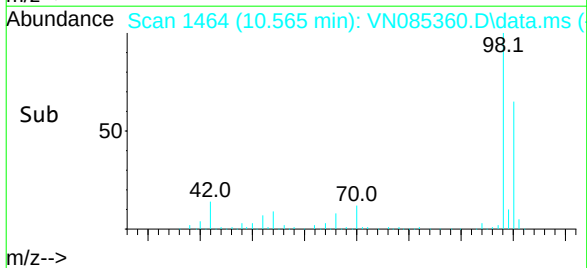
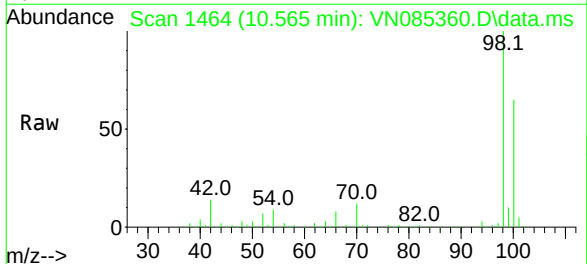
Manual Integrations
APPROVED

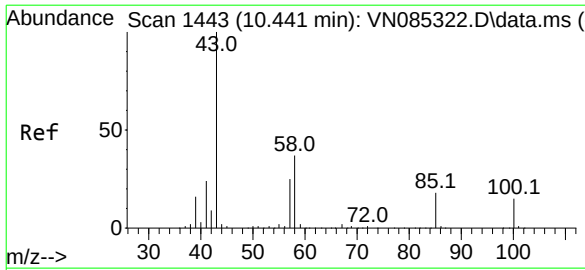
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 54.375 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 98 Resp: 338789
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





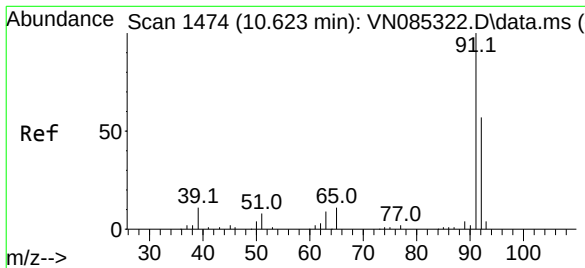
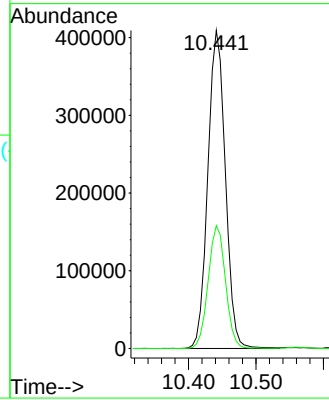
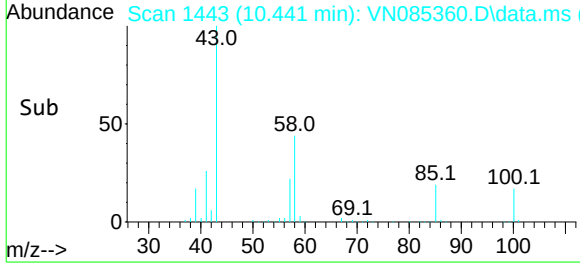
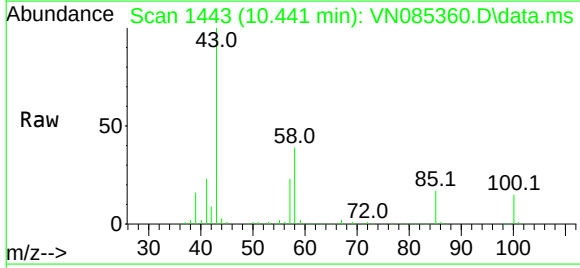
#51
4-Methyl-2-Pentanone
Concen: 322.904 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 738313
Ion Ratio Lower Upper
43 100
58 38.3 30.3 45.5

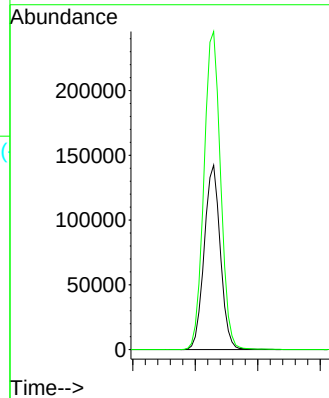
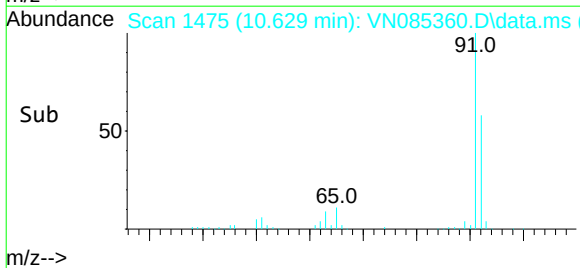
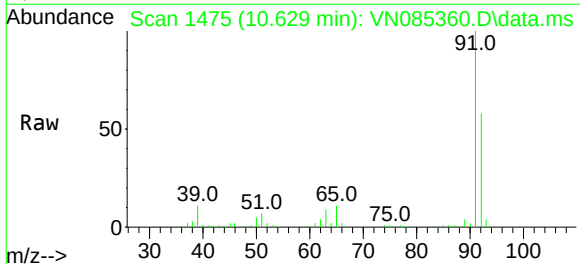
Manual Integrations
APPROVED

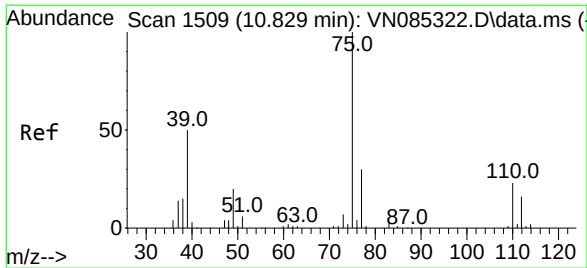
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 57.018 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

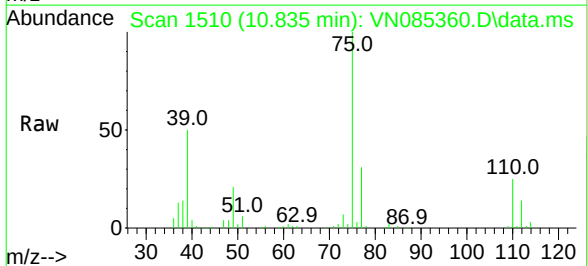
Tgt Ion: 92 Resp: 255181
Ion Ratio Lower Upper
92 100
91 177.7 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 58.252 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

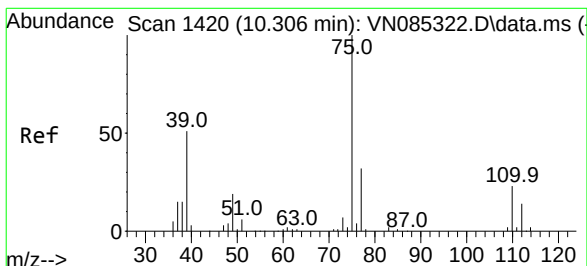
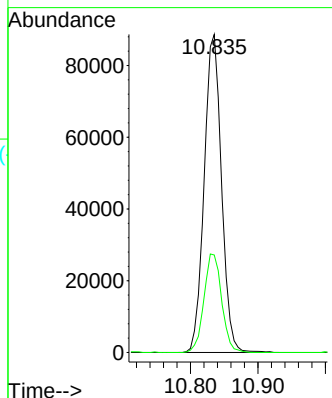
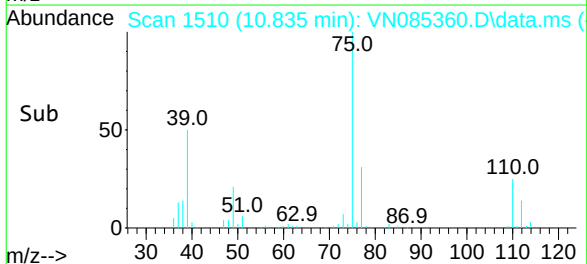
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



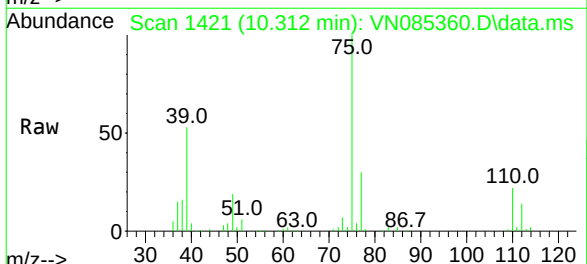
Tgt Ion: 75 Resp: 158001
Ion Ratio Lower Upper
75 100
77 30.7 23.8 35.6

Manual Integrations
APPROVED

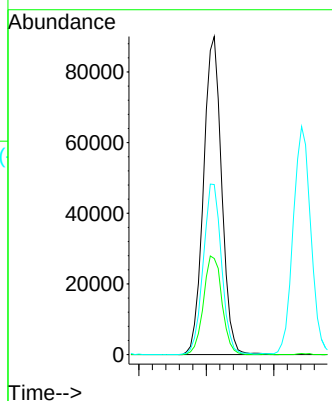
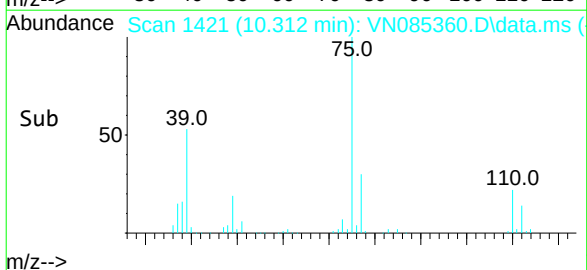
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

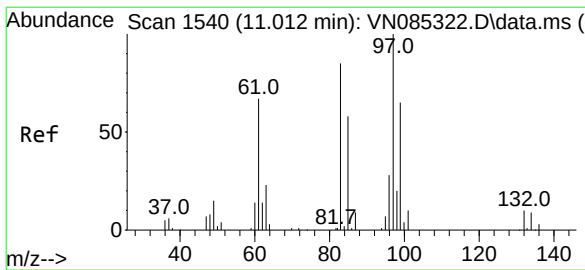


#54
cis-1,3-Dichloropropene
Concen: 57.302 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20



Tgt Ion: 75 Resp: 168065
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 53.5 40.5 60.7





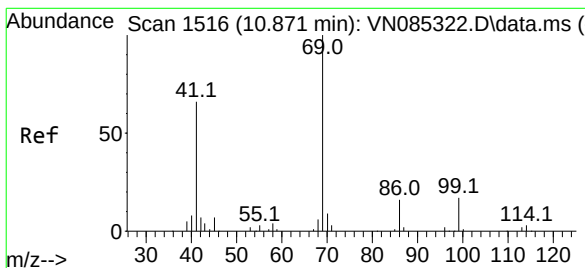
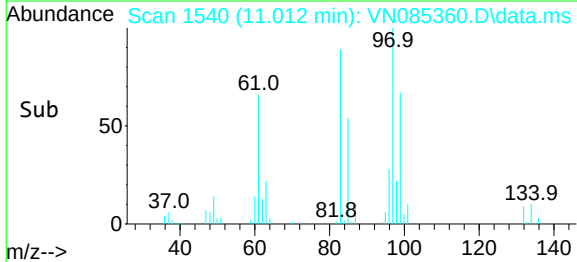
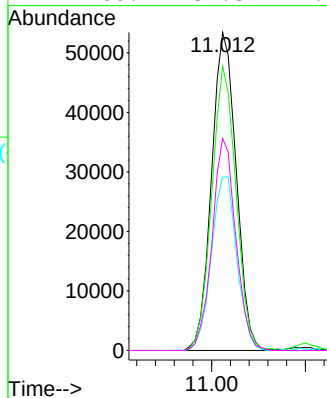
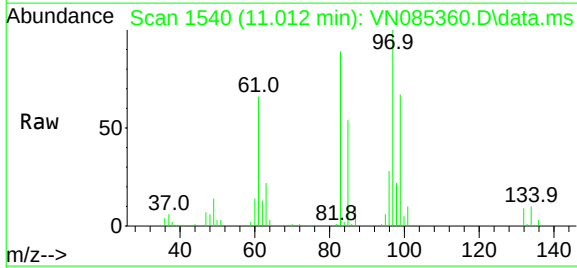
#55
1,1,2-Trichloroethane
Concen: 57.811 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.4	67.7	101.5
85	54.5	46.2	69.4
99	66.7	51.8	77.6

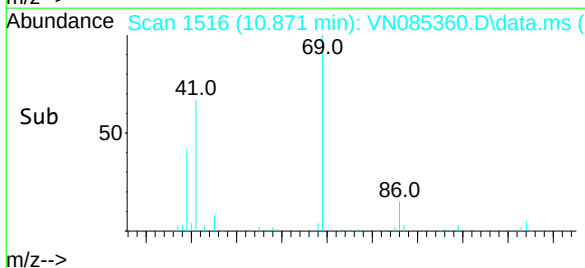
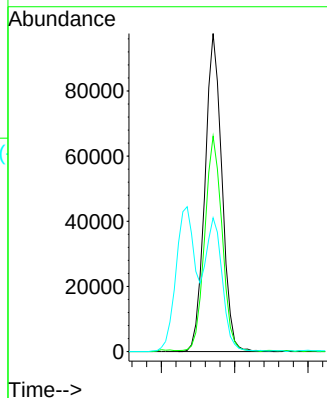
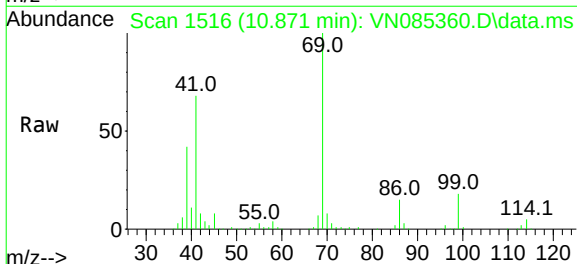
Manual Integrations
APPROVED

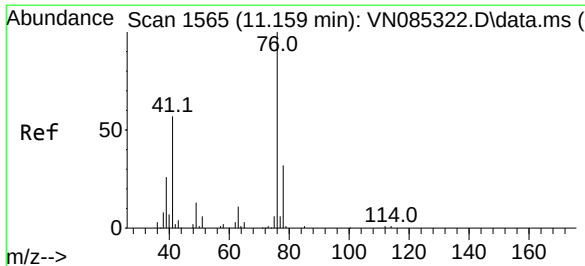
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#56
Ethyl methacrylate
Concen: 63.812 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.3	81.5
39	41.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 59.395 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 176145

Ion Ratio Lower Upper

76 100

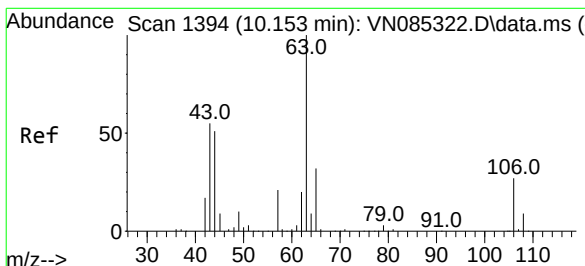
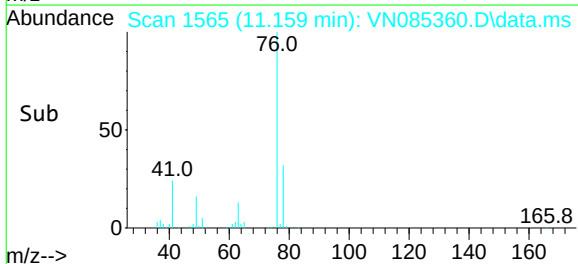
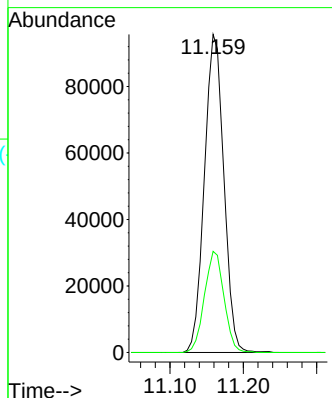
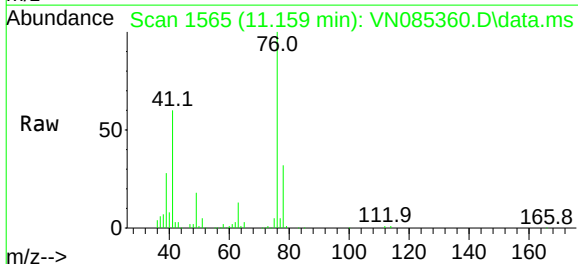
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 298.925 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085360.D

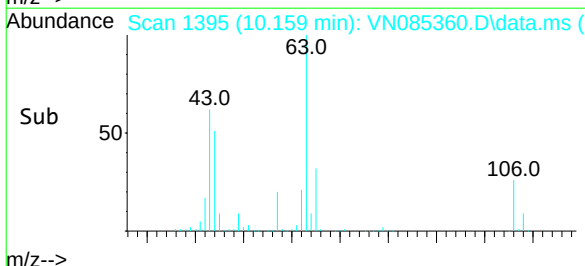
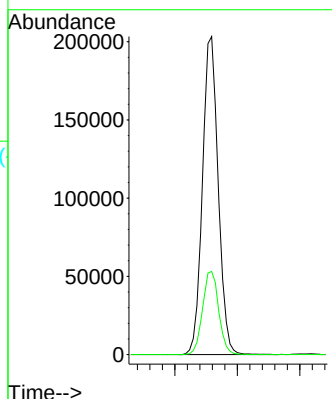
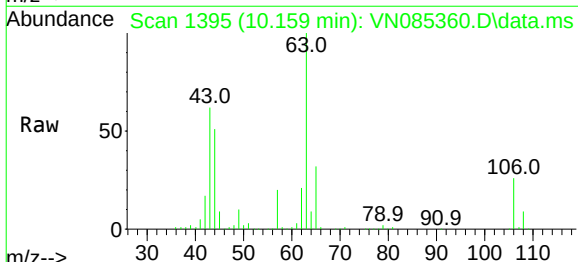
Acq: 31 Dec 2024 09:20

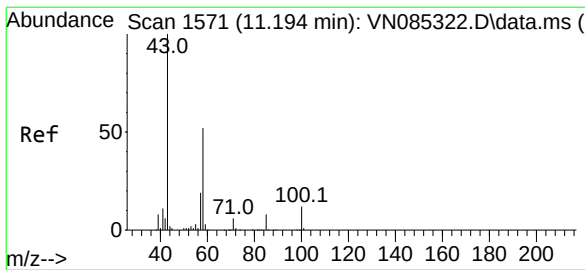
Tgt Ion: 63 Resp: 355910

Ion Ratio Lower Upper

63 100

106 26.7 22.1 33.1





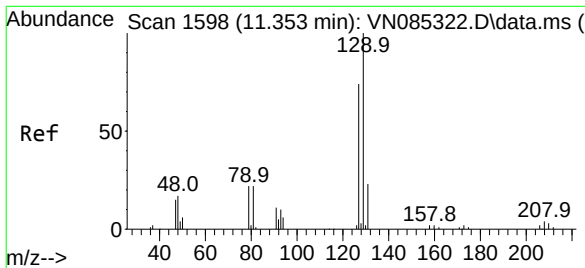
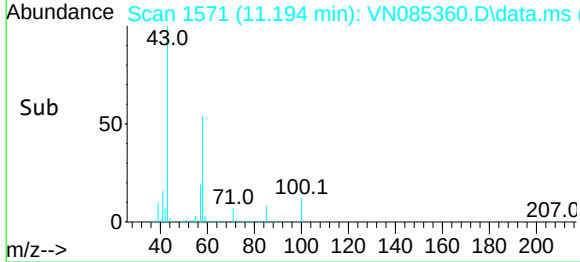
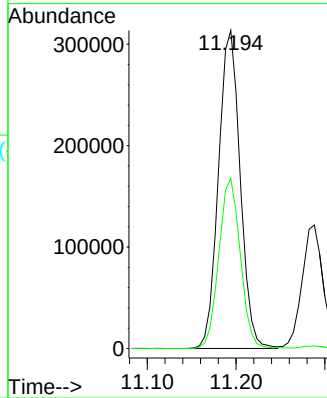
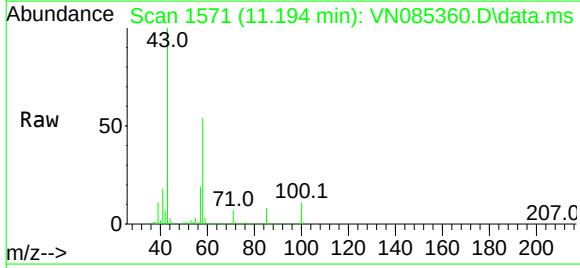
#59
2-Hexanone
Concen: 335.410 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 532083
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5

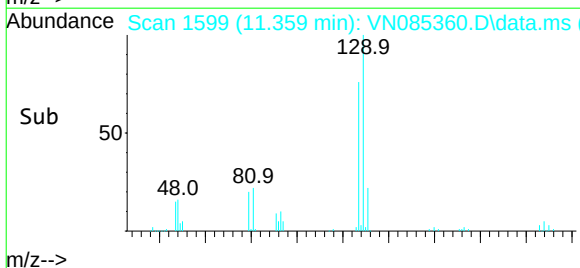
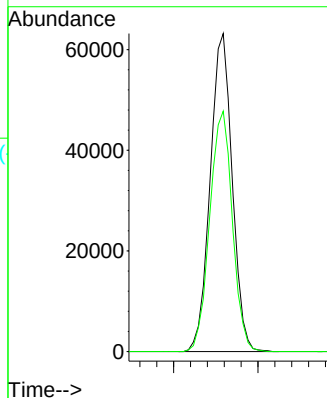
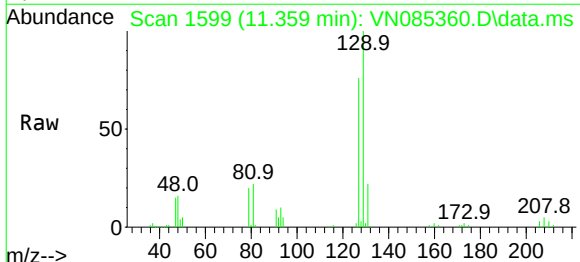
Manual Integrations
APPROVED

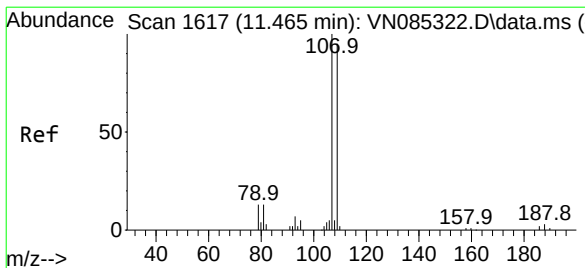
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 60.152 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:129 Resp: 114481
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





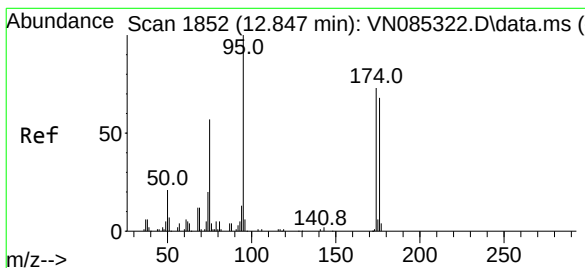
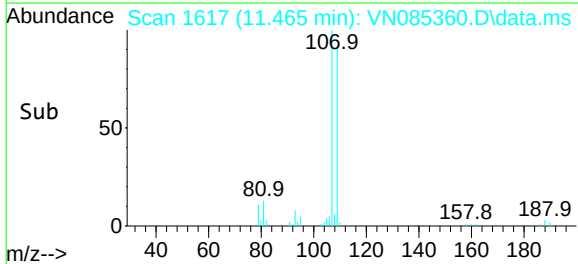
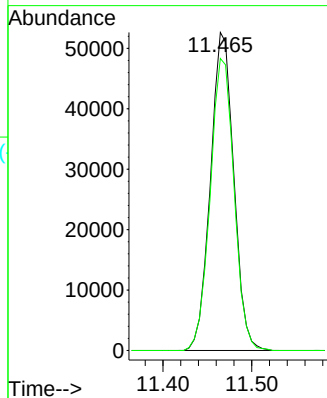
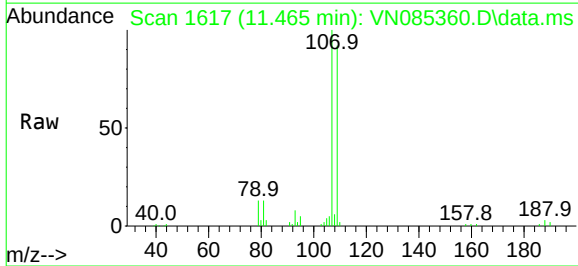
#61
1,2-Dibromoethane
Concen: 57.423 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 95994
Ion Ratio Lower Upper
107 100
109 94.0 74.9 112.3

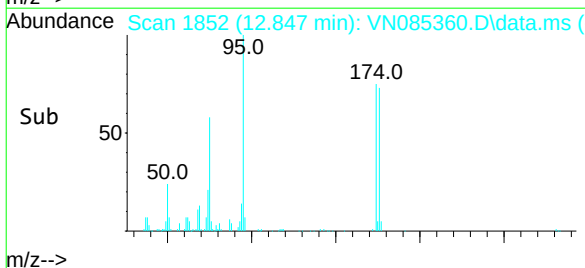
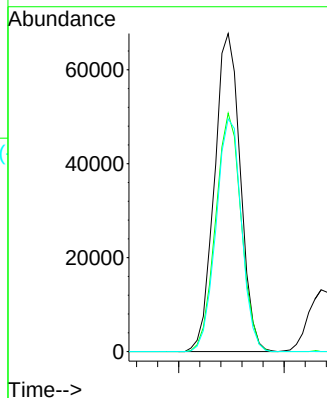
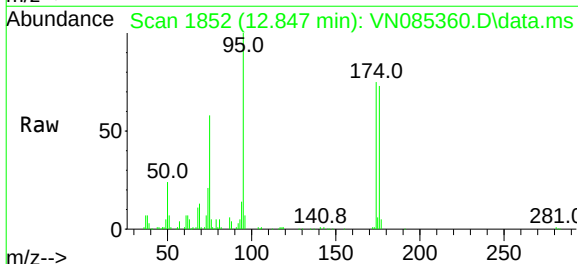
Manual Integrations
APPROVED

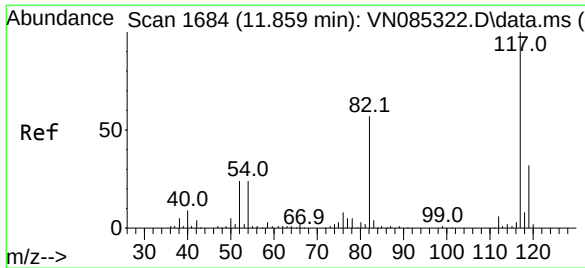
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025



#62
4-Bromofluorobenzene
Concen: 55.846 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 95 Resp: 115559
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.2
176 71.6 0.0 135.8





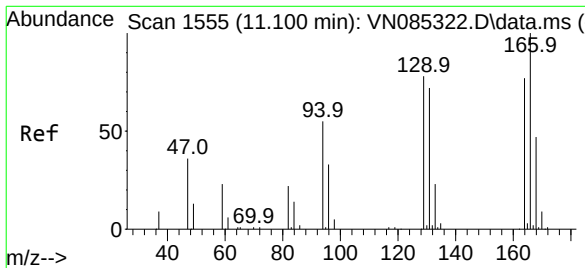
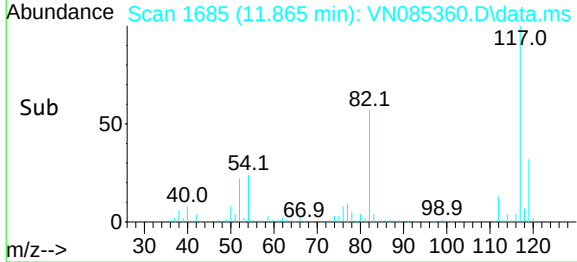
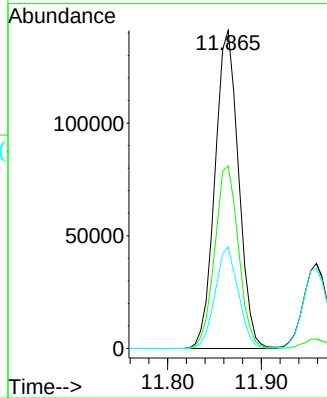
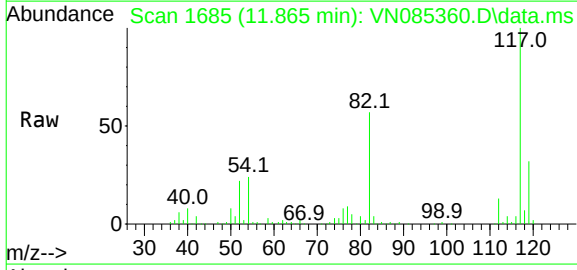
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 247108
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 31.9 25.8 38.8

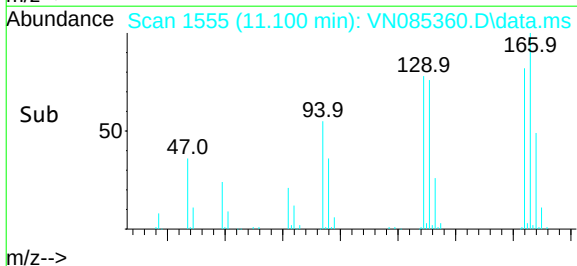
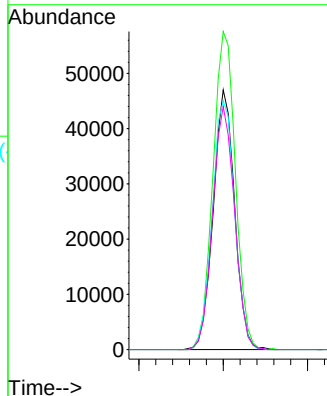
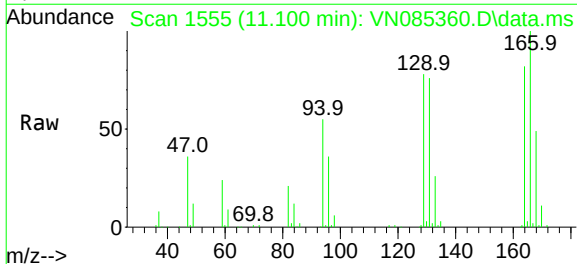
Manual Integrations
APPROVED

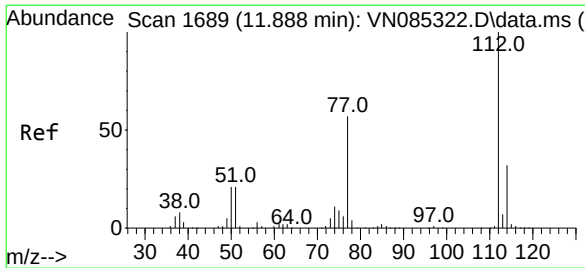
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#64
Tetrachloroethene
Concen: 52.856 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:164 Resp: 82761
Ion Ratio Lower Upper
164 100
166 122.5 104.0 156.0
129 95.8 81.3 121.9
131 93.6 75.0 112.6





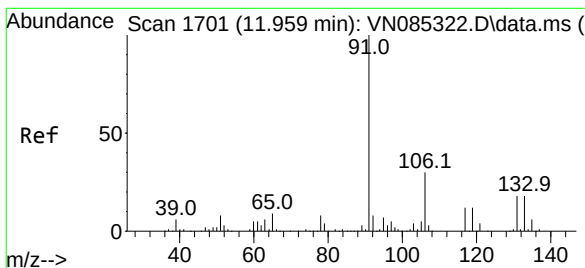
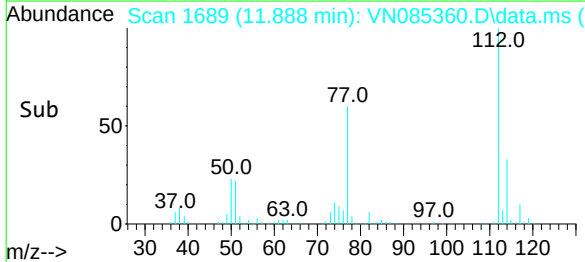
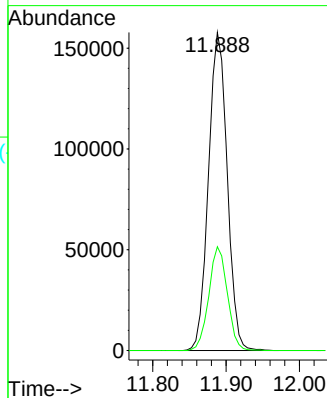
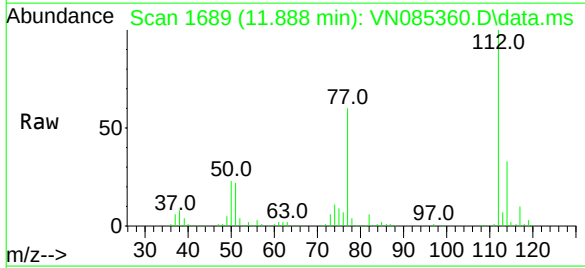
#65
Chlorobenzene
Concen: 52.443 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 280046
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8

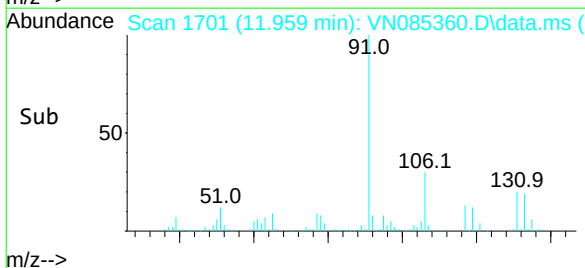
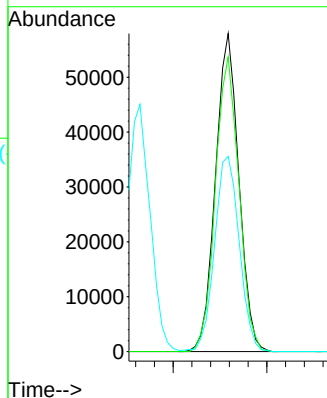
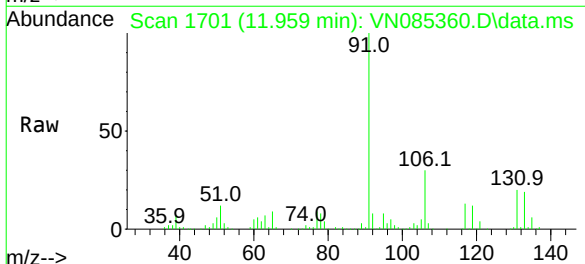
Manual Integrations
APPROVED

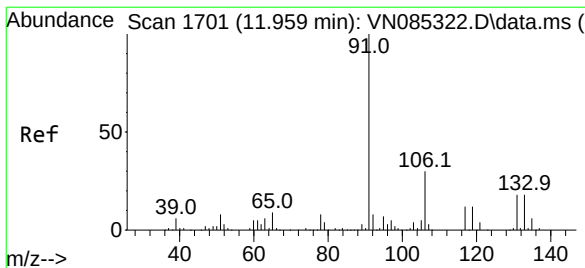
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.026 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:131 Resp: 100410
Ion Ratio Lower Upper
131 100
133 93.3 48.3 144.9
119 64.9 33.4 100.1





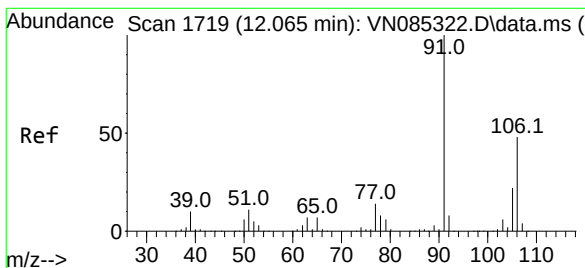
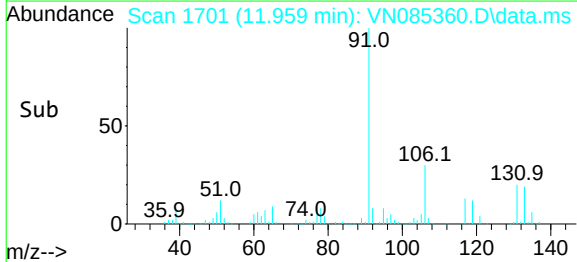
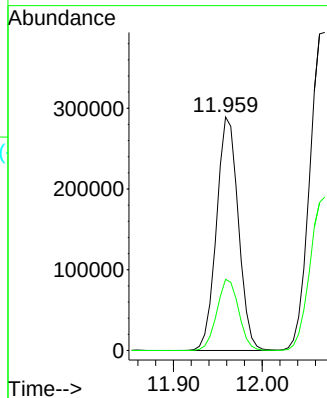
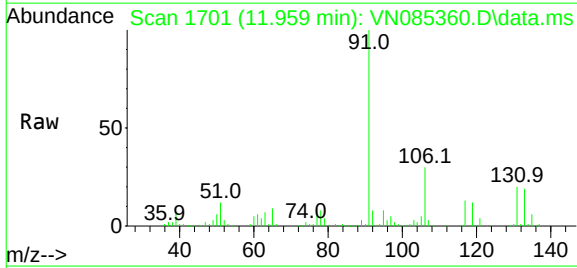
#67
Ethyl Benzene
Concen: 55.652 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 494224
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

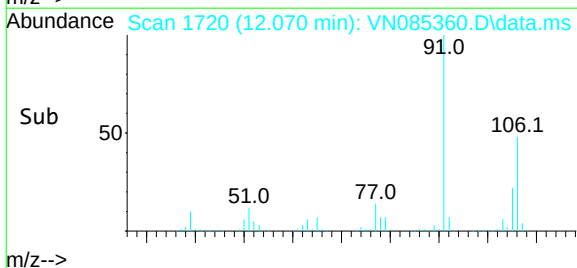
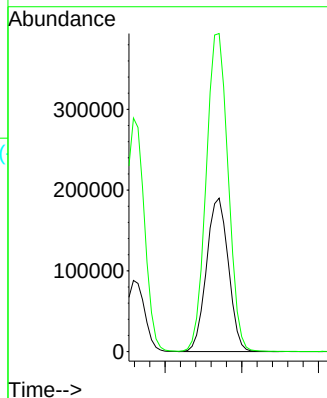
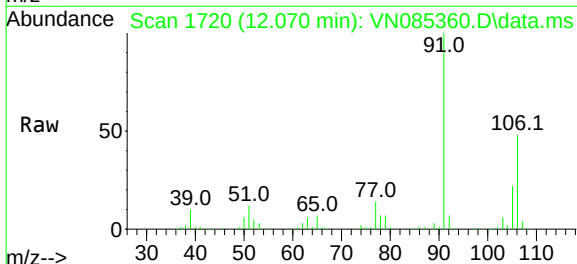
Manual Integrations
APPROVED

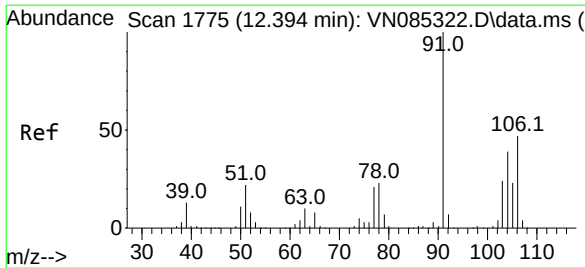
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#68
m/p-Xylenes
Concen: 116.265 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:106 Resp: 377854
Ion Ratio Lower Upper
106 100
91 207.6 165.2 247.8





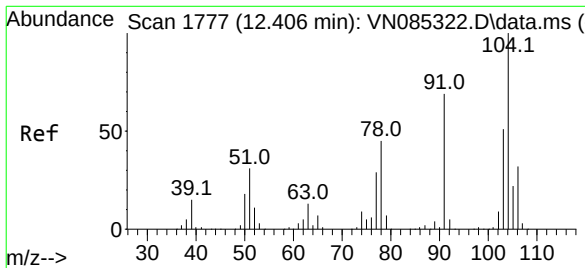
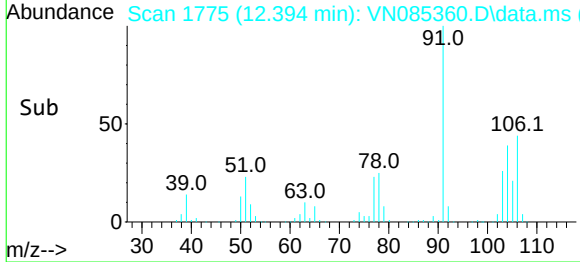
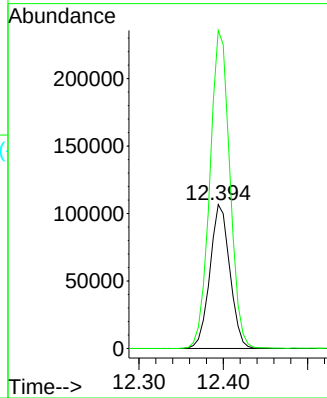
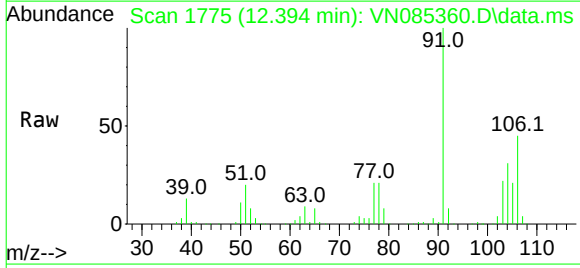
#69
o-Xylene
Concen: 55.782 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 175371
Ion Ratio Lower Upper
106 100
91 221.9 107.3 321.8

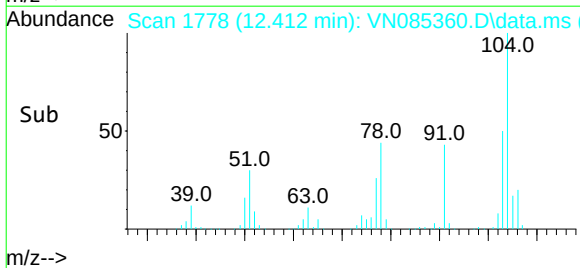
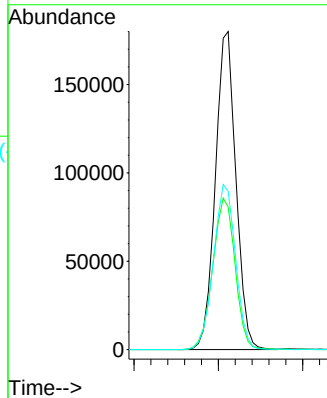
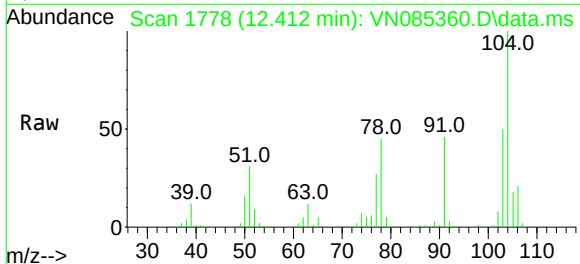
Manual Integrations
APPROVED

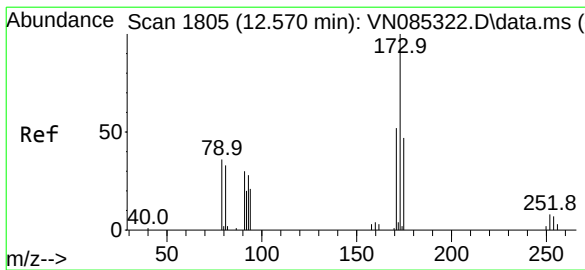
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 59.875 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:104 Resp: 305082
Ion Ratio Lower Upper
104 100
78 51.6 40.7 61.1
103 55.8 44.1 66.1





#71

Bromoform

Concen: 59.875 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

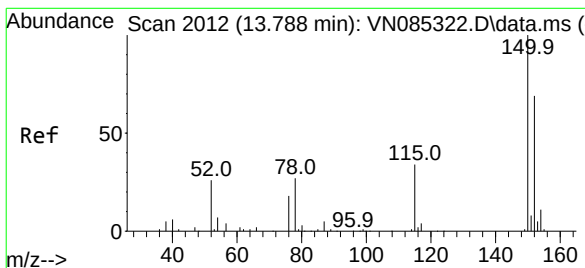
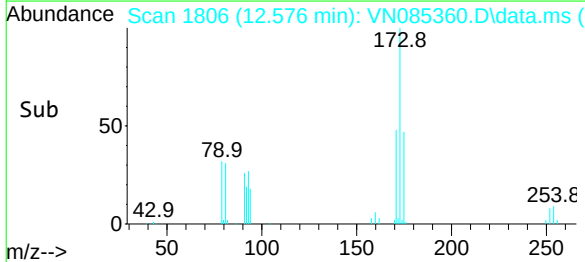
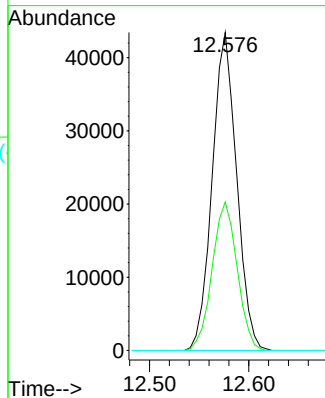
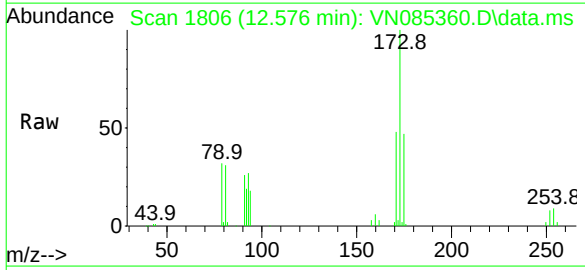
Tgt Ion:	173	Resp:	74324
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.4	73.4
254	0.0	0.0	0.0

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

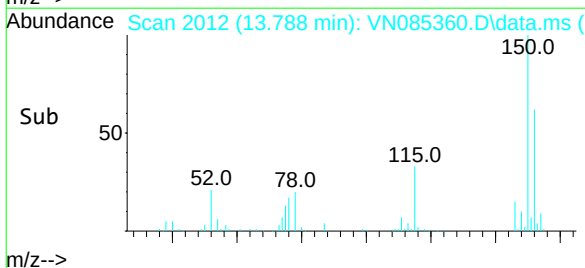
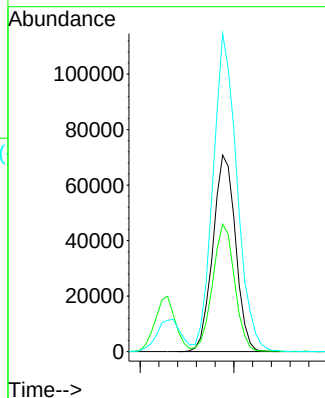
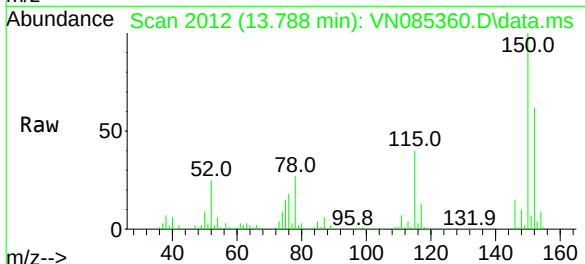
RT: 13.788 min Scan# 2012

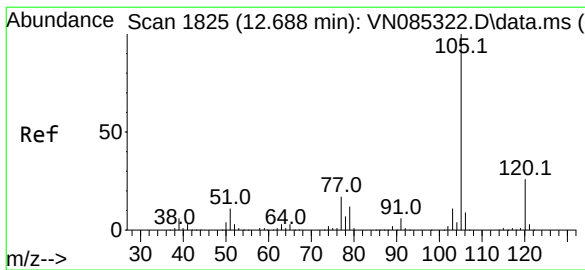
Delta R.T. 0.000 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Tgt Ion:	152	Resp:	118778
Ion Ratio	Lower	Upper	
152	100		
115	63.3	30.4	91.3
150	171.5	0.0	345.0





#73

Isopropylbenzene

Concen: 52.942 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

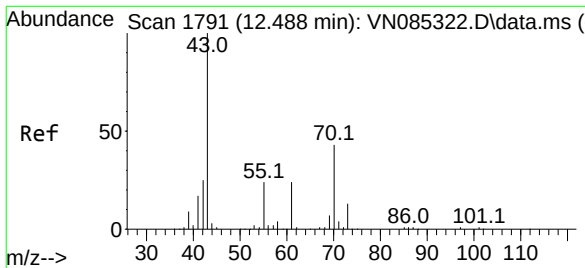
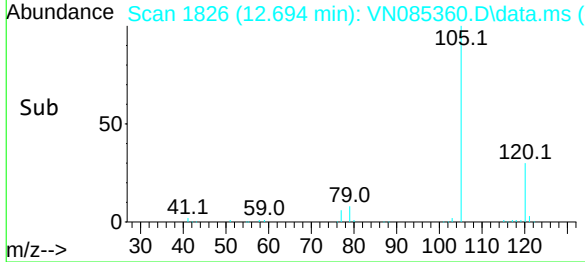
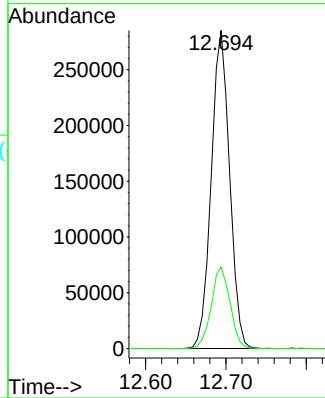
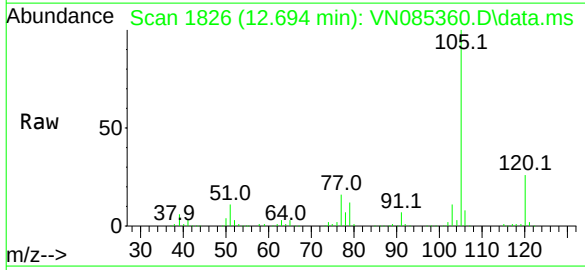
Tgt Ion:105 Resp: 452195
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#74

N-ethyl acetate

Concen: 58.657 ug/l

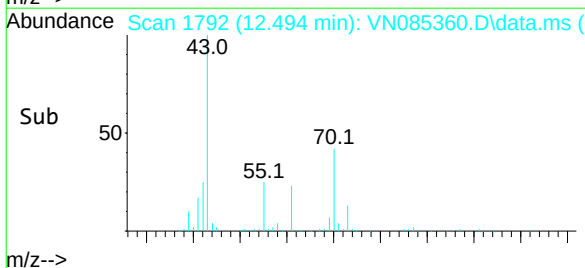
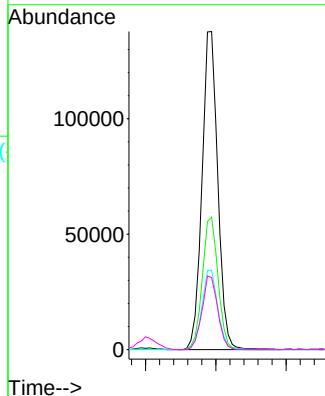
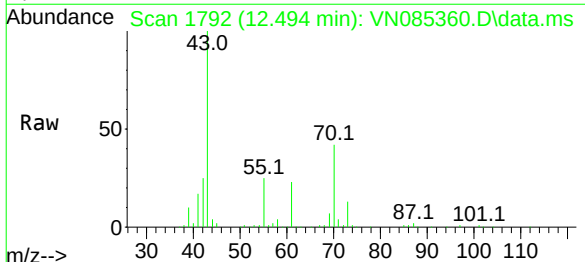
RT: 12.494 min Scan# 1792

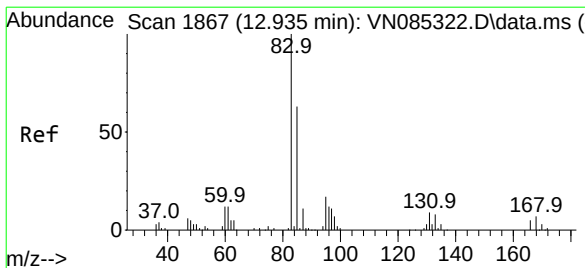
Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Tgt Ion: 43 Resp: 214454
 Ion Ratio Lower Upper
 43 100
 70 41.4 33.4 50.0
 55 25.2 19.2 28.8
 61 23.0 18.6 28.0





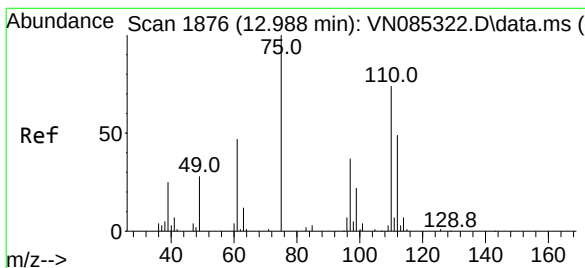
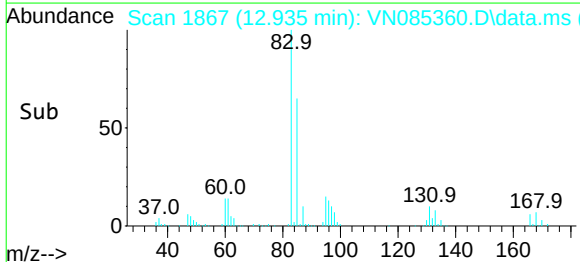
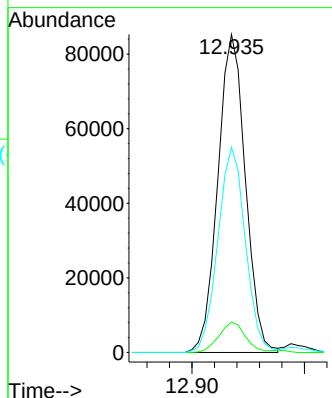
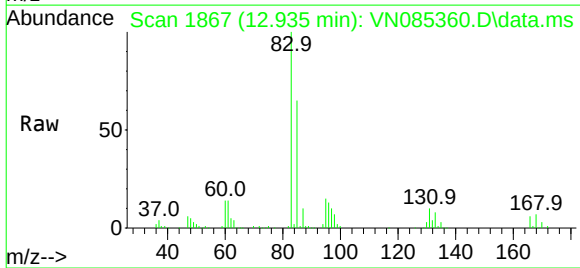
#75
1,1,2,2-Tetrachloroethane
Concen: 53.298 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	144989
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	64.3	32.6	98.0

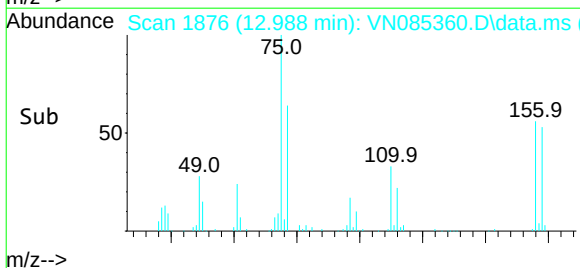
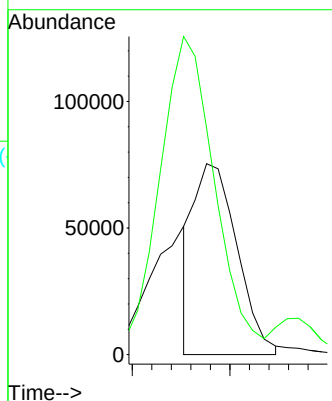
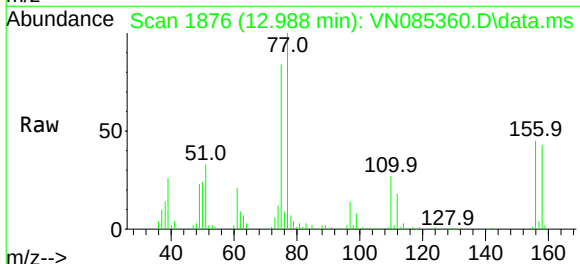
Manual Integrations
APPROVED

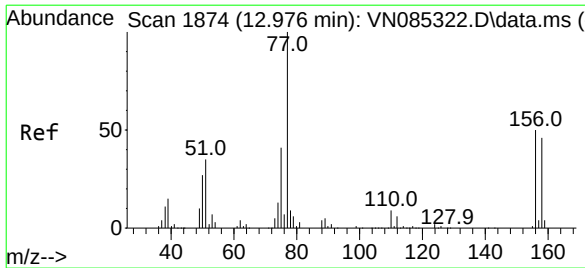
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#76
1,2,3-Trichloropropane
Concen: 52.200 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

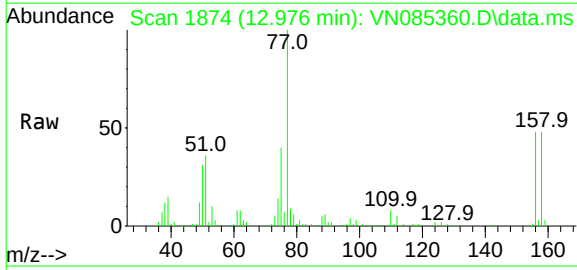
Tgt Ion:	75	Resp:	115781
Ion	Ratio	Lower	Upper
75	100		
77	214.3	98.1	294.3





#77
Bromobenzene
Concen: 51.290 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

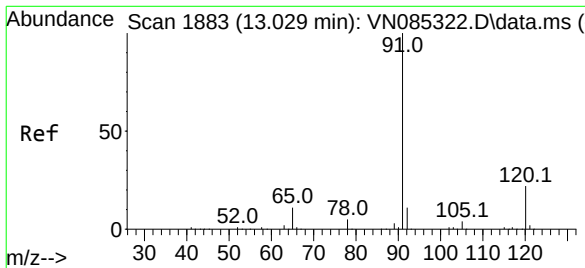
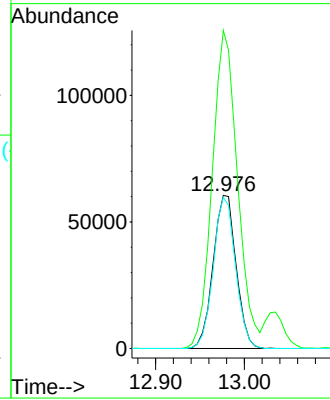
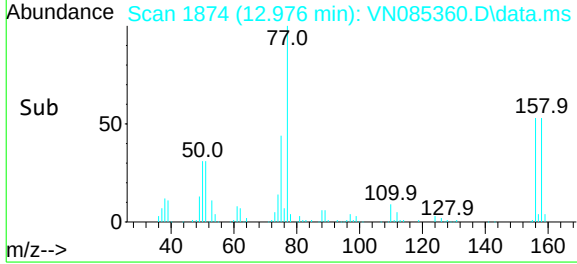
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



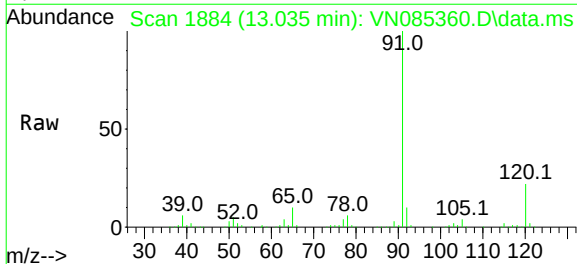
Tgt Ion: 156 Resp: 108539
Ion Ratio Lower Upper
156 100
77 228.6 114.0 342.0
158 95.6 47.6 142.8

Manual Integrations
APPROVED

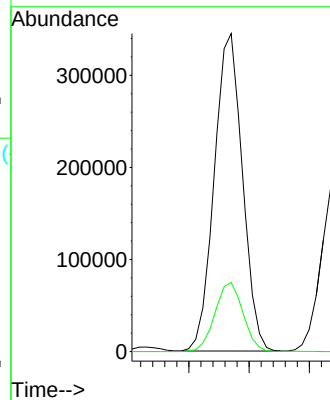
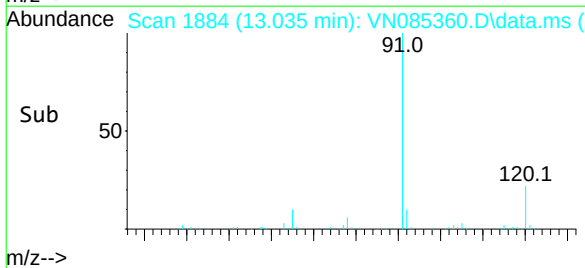
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

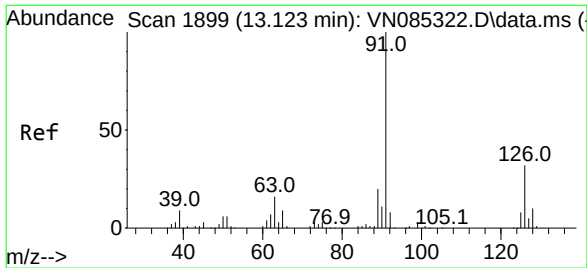


#78
n-propylbenzene
Concen: 56.265 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20



Tgt Ion: 91 Resp: 560196
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.617 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 329707

Ion Ratio Lower Upper

91 100

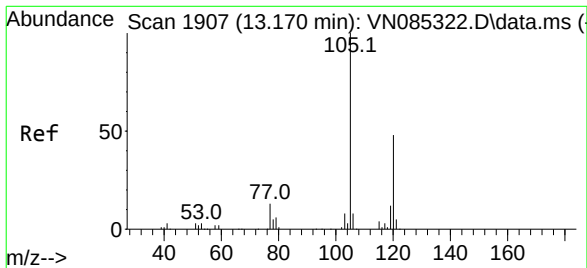
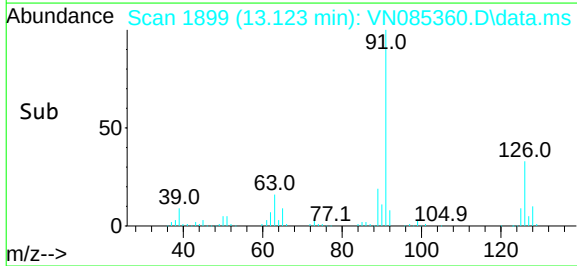
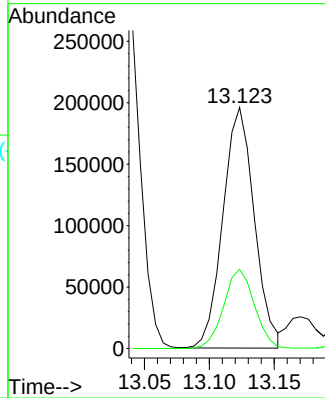
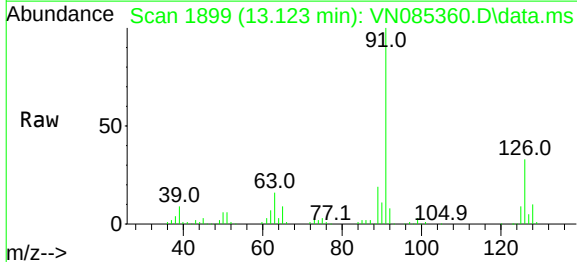
126 32.2 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 55.371 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085360.D

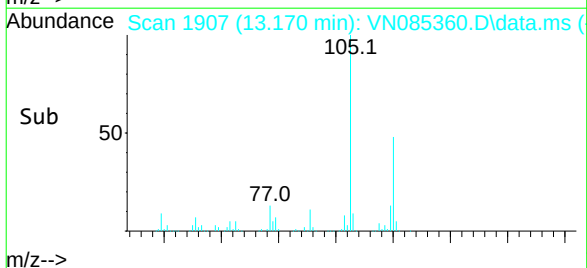
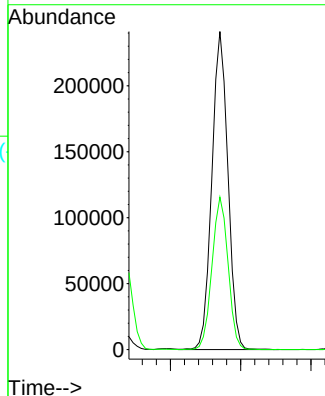
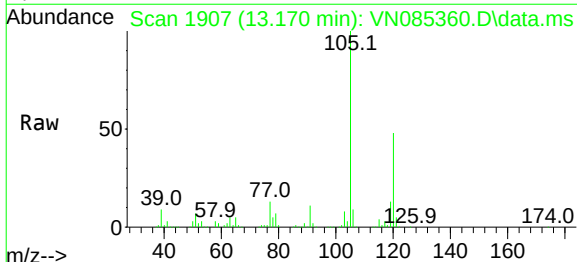
Acq: 31 Dec 2024 09:20

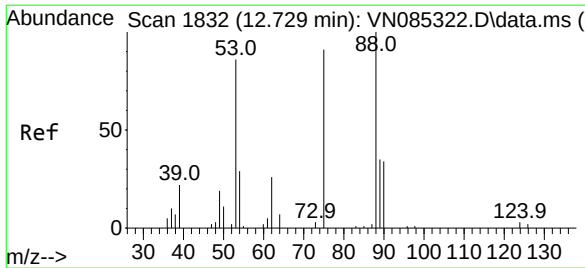
Tgt Ion:105 Resp: 382552

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0





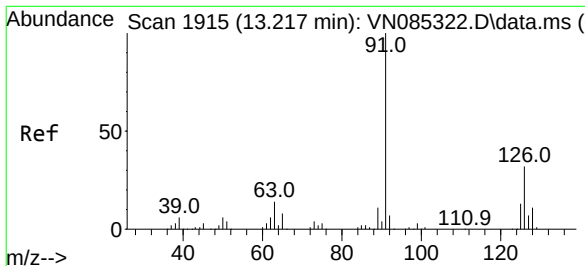
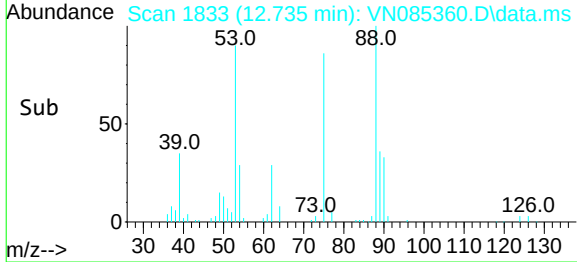
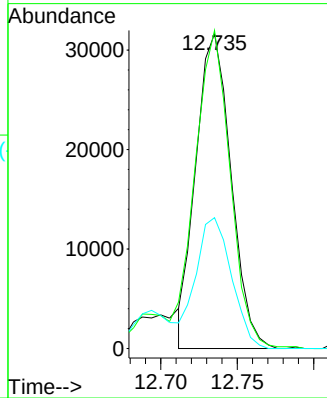
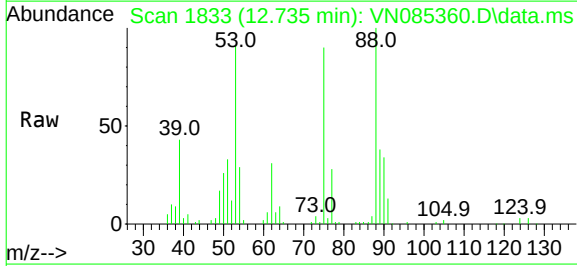
#81
trans-1,4-Dichloro-2-butene
Concen: 54.607 ug/l m
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 50576
Ion Ratio Lower Upper
75 100
53 101.7 80.0 120.0
89 42.1 35.8 53.8

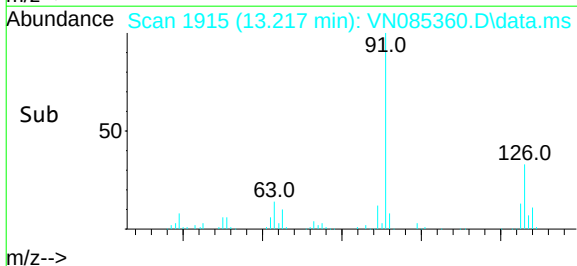
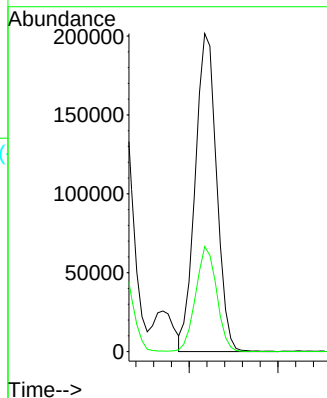
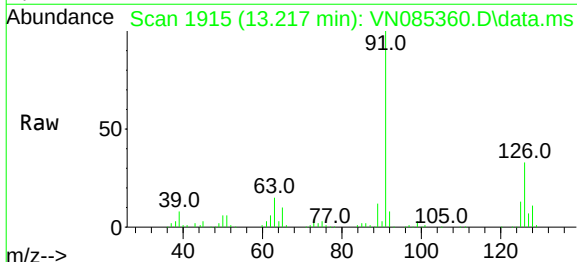
Manual Integrations
APPROVED

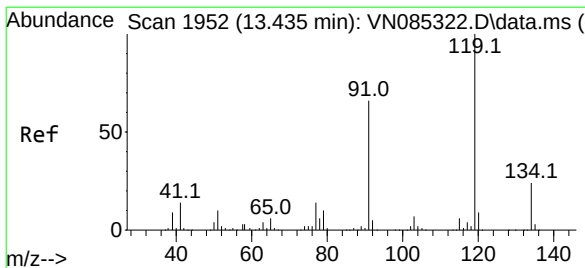
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 53.446 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion: 91 Resp: 337290
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4





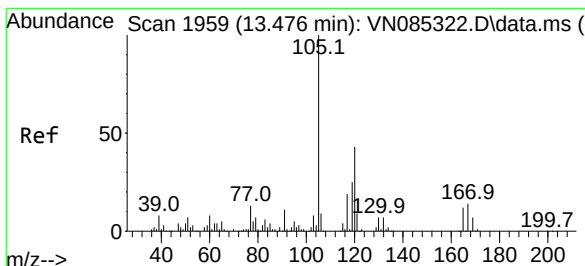
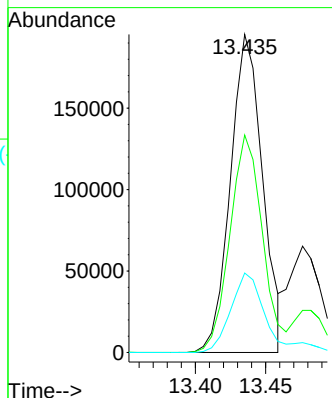
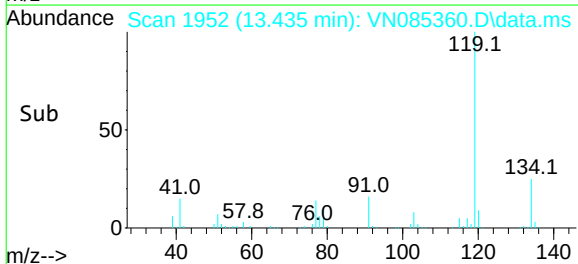
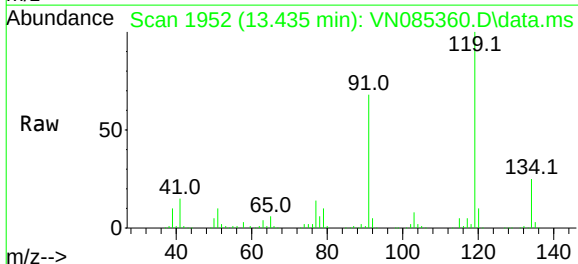
#83
tert-Butylbenzene
Concen: 51.881 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 310495
Ion Ratio Lower Upper
119 100
91 69.5 33.6 100.8
134 27.6 13.3 39.8

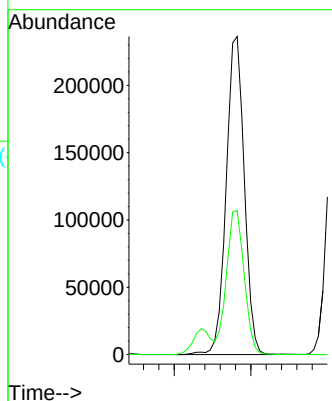
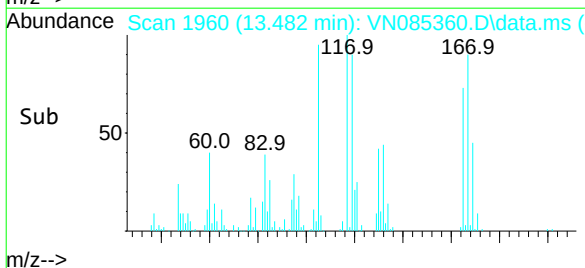
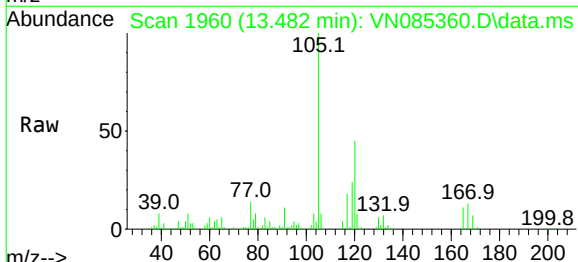
Manual Integrations
APPROVED

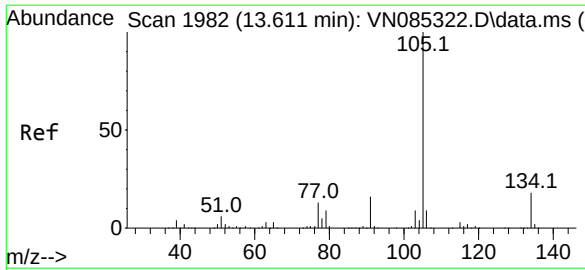
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 56.241 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:105 Resp: 386905
Ion Ratio Lower Upper
105 100
120 44.6 21.7 65.1





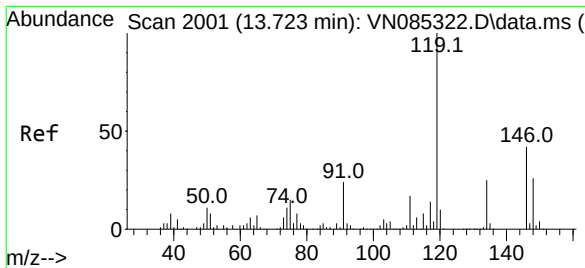
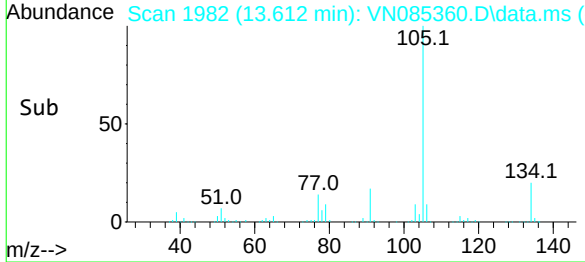
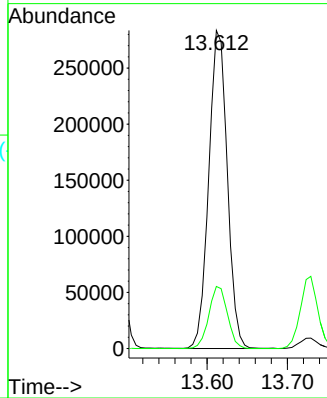
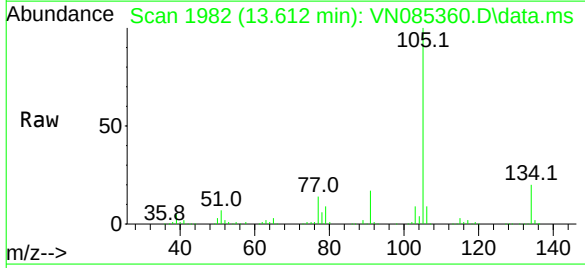
#85
sec-Butylbenzene
Concen: 54.709 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 454482
Ion Ratio Lower Upper
105 100
134 19.5 9.4 28.3

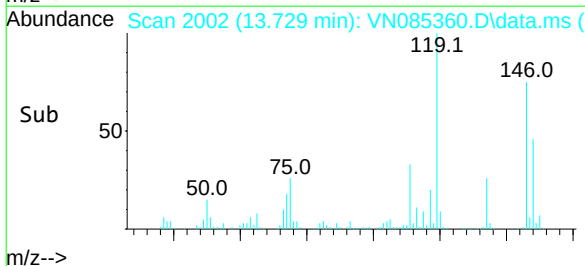
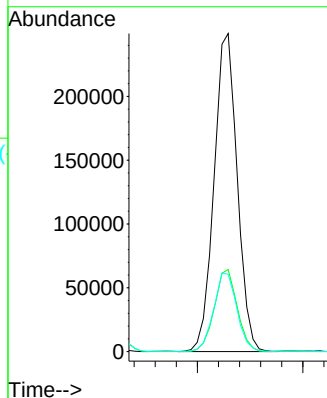
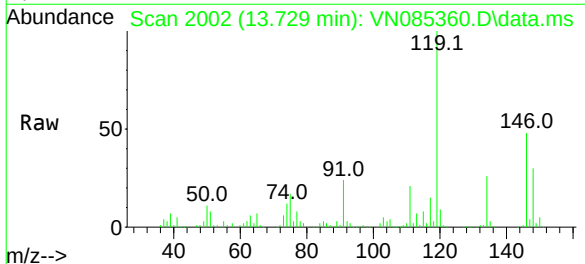
Manual Integrations
APPROVED

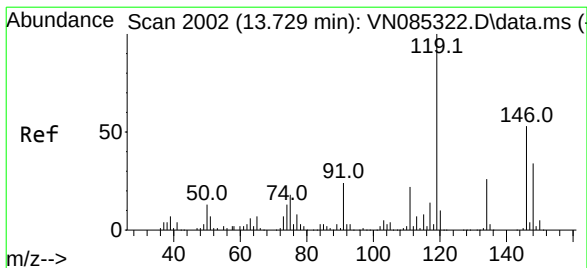
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#86
p-Isopropyltoluene
Concen: 51.093 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:119 Resp: 380261
Ion Ratio Lower Upper
119 100
134 25.4 12.5 37.5
91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 51.878 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085360.D

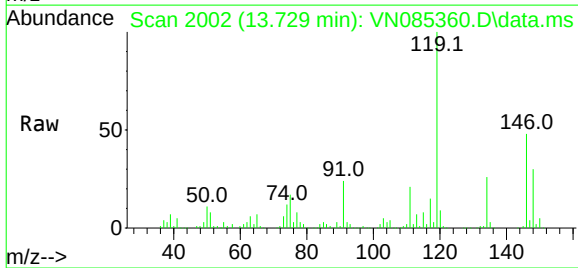
Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



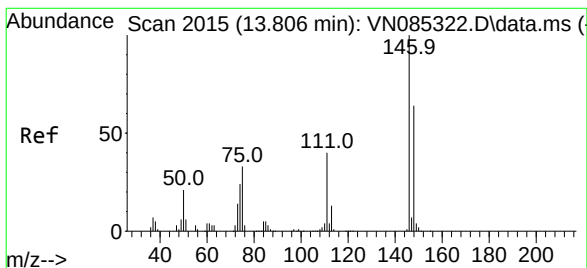
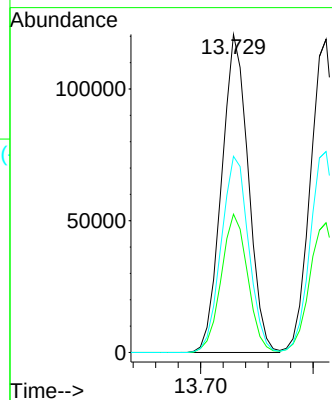
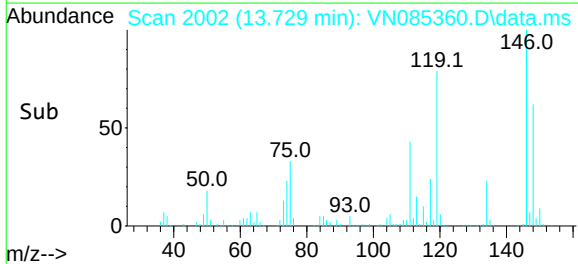
Tgt Ion:	146	Resp:	199019
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	63.9
148	63.4	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#88

1,4-Dichlorobenzene

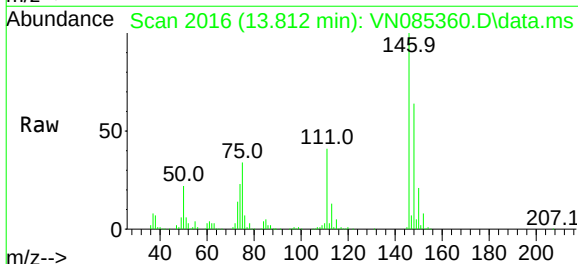
Concen: 49.619 ug/l

RT: 13.812 min Scan# 2016

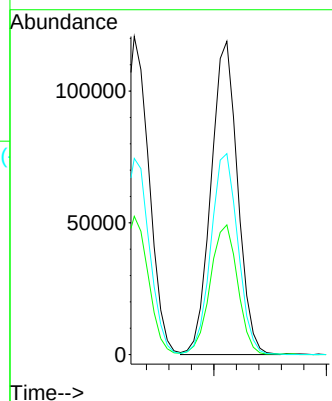
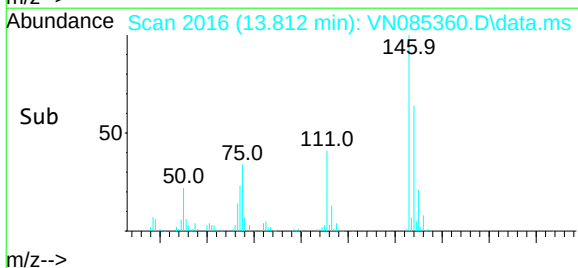
Delta R.T. 0.006 min

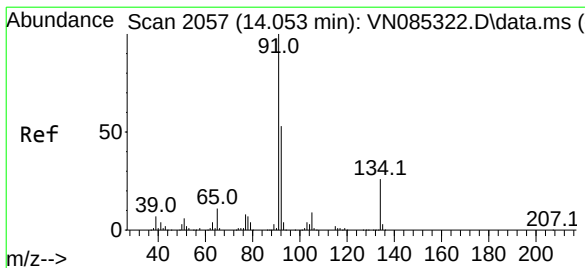
Lab File: VN085360.D

Acq: 31 Dec 2024 09:20



Tgt Ion:	146	Resp:	195531
Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.8	62.5
148	65.2	31.7	95.1





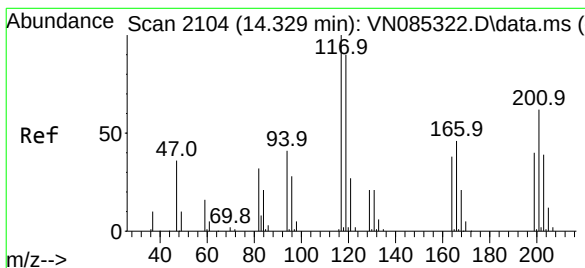
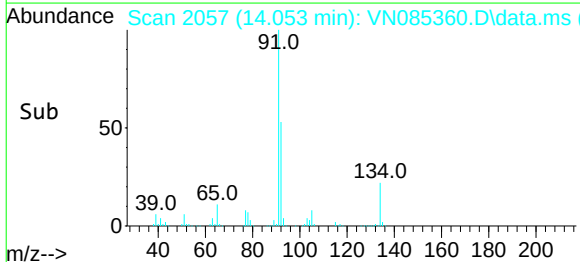
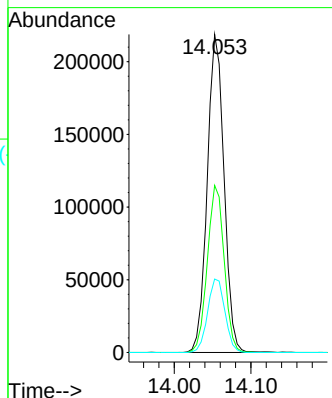
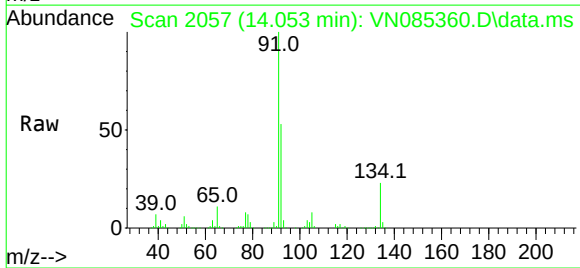
#89
n-Butylbenzene
Concen: 54.654 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 332466
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 23.8 12.1 36.3

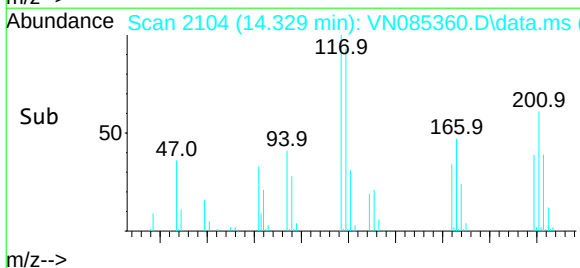
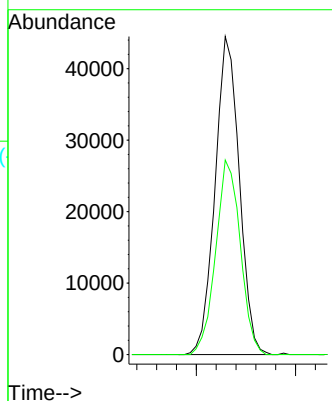
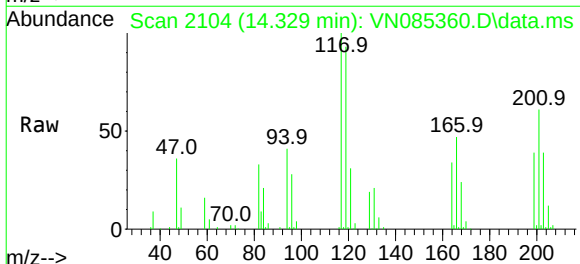
Manual Integrations
APPROVED

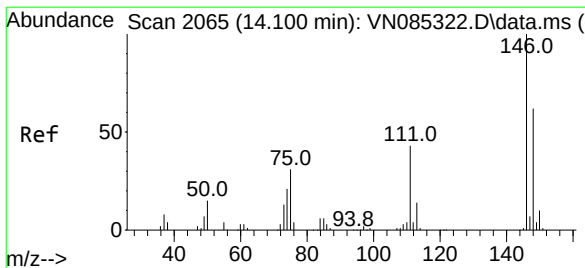
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#90
Hexachloroethane
Concen: 55.500 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

Tgt Ion:117 Resp: 75573
Ion Ratio Lower Upper
117 100
201 62.0 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 51.836 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

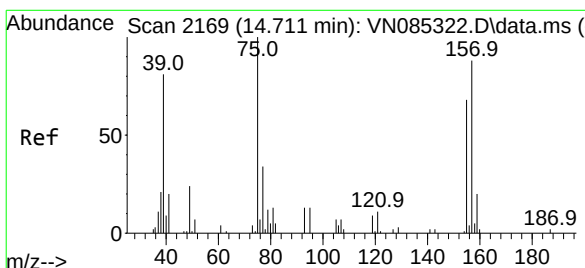
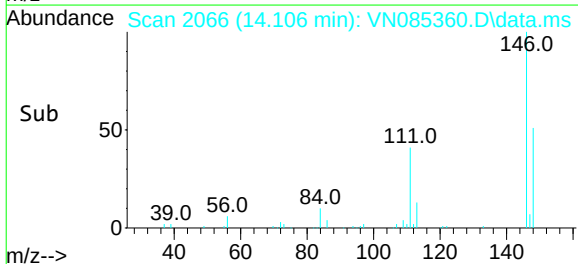
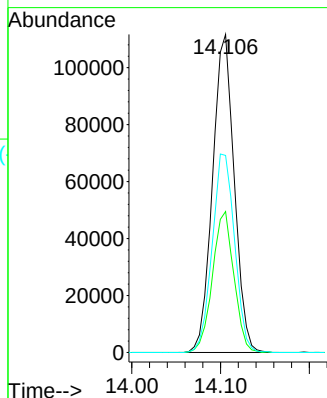
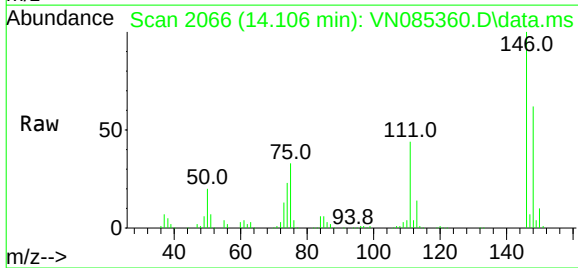
Tgt Ion:	146	Resp:	189431
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.8	65.3
148	64.6	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.778 ug/l

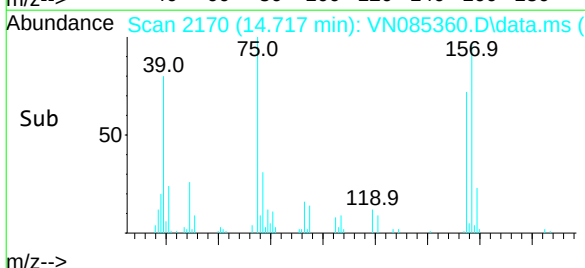
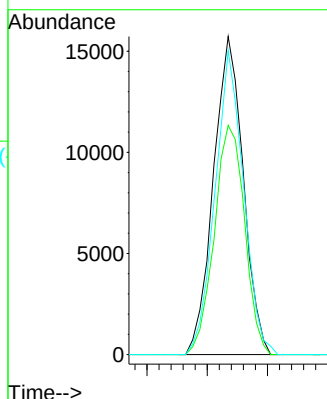
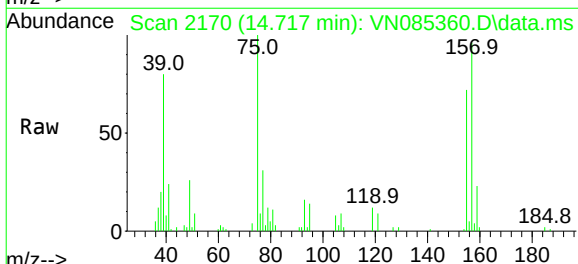
RT: 14.717 min Scan# 2170

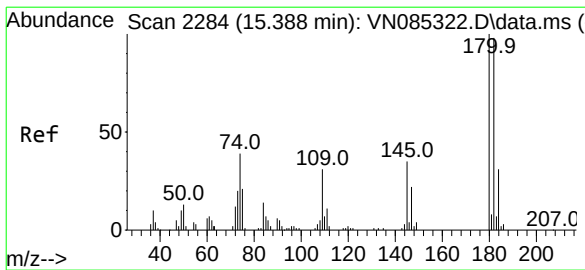
Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

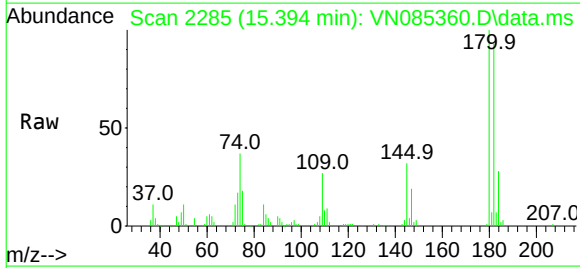
Tgt Ion:	75	Resp:	27005
Ion Ratio	Lower	Upper	
75	100		
155	73.3	35.6	106.9
157	91.4	47.0	141.0





#93
1,2,4-Trichlorobenzene
Concen: 50.621 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20

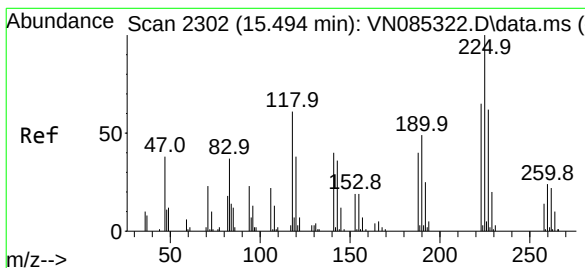
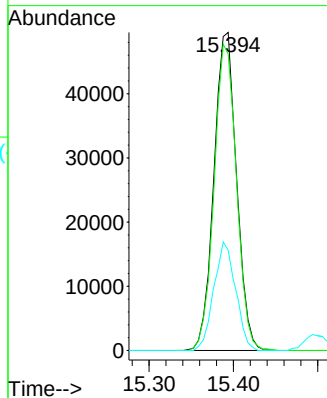
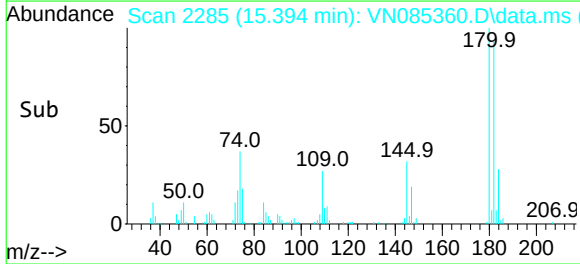
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



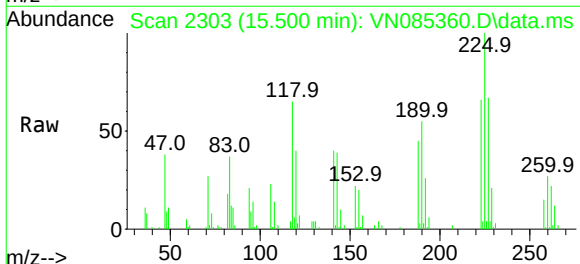
Tgt Ion:180 Resp: 92326
Ion Ratio Lower Upper
180 100
182 95.3 47.2 141.6
145 32.9 16.6 49.8

Manual Integrations
APPROVED

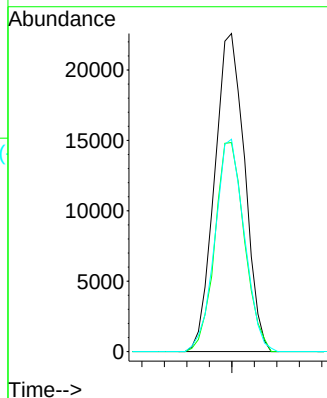
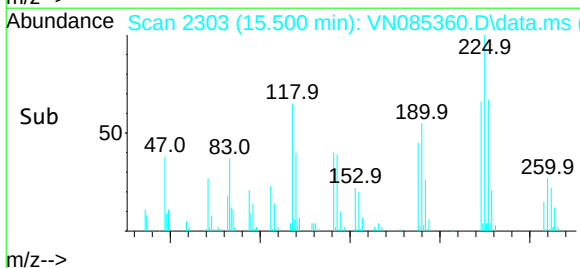
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

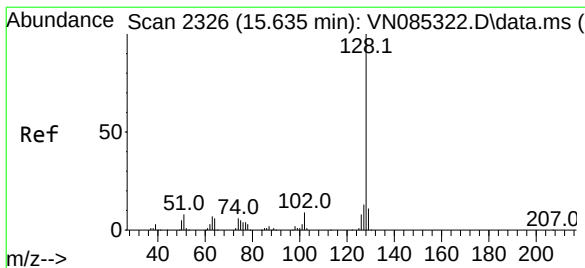


#94
Hexachlorobutadiene
Concen: 46.353 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085360.D
Acq: 31 Dec 2024 09:20



Tgt Ion:225 Resp: 42005
Ion Ratio Lower Upper
225 100
223 64.3 31.6 94.7
227 65.2 30.3 91.0





#95

Naphthalene

Concen: 47.815 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

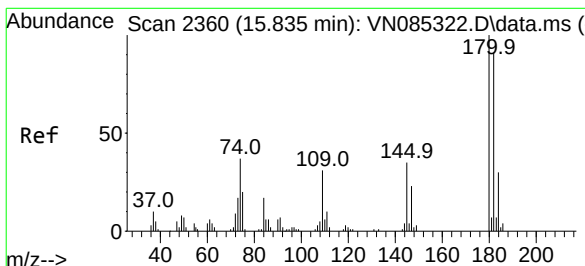
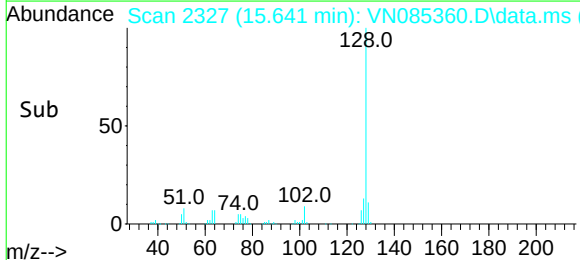
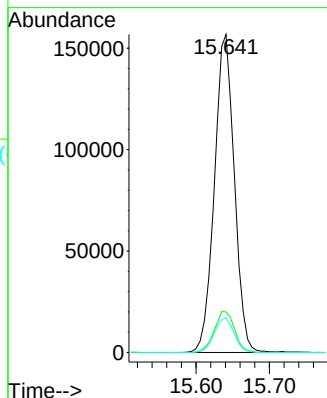
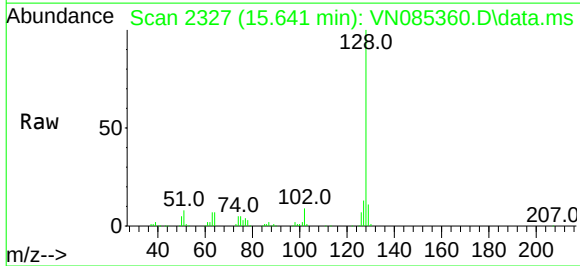
VSTDCCC050

Tgt Ion:	128	Resp:	295721
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	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: 50.451 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085360.D

Acq: 31 Dec 2024 09:20

Tgt Ion:	180	Resp:	91939
Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.8	140.4
145	33.8	17.2	51.6

