

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
 Data File : VN085984.D
 Acq On : 14 Mar 2025 11:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 01:25:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	81593	43.566	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.140%		
35) Dibromofluoromethane	8.165	113	64967	41.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.840%		
50) Toluene-d8	10.565	98	226956	39.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	79.540%#		
62) 4-Bromofluorobenzene	12.847	95	87863	46.734	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96816	49.272	ug/l	96
3) Chloromethane	2.359	50	84782	42.999	ug/l	98
4) Vinyl Chloride	2.512	62	85320	40.869	ug/l	99
5) Bromomethane	2.942	94	55156	41.319	ug/l	99
6) Chloroethane	3.112	64	48438	35.029	ug/l	96
7) Trichlorofluoromethane	3.495	101	139389	46.116	ug/l	99
8) Diethyl Ether	3.959	74	50283	51.415	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	76725	43.914	ug/l	98
10) Methyl Iodide	4.583	142	109414	50.804	ug/l	95
11) Tert butyl alcohol	5.524	59	69665	302.435	ug/l	99
12) 1,1-Dichloroethene	4.336	96	71605	45.200	ug/l	96
13) Acrolein	4.177	56	82409	241.251	ug/l	96
14) Allyl chloride	5.018	41	90121	43.329	ug/l	97
15) Acrylonitrile	5.712	53	213985	285.755	ug/l	98
16) Acetone	4.424	43	158995	268.299	ug/l	93
17) Carbon Disulfide	4.706	76	210932	44.926	ug/l	97
18) Methyl Acetate	5.018	43	94064	46.149	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	274481	58.307	ug/l	97
20) Methylene Chloride	5.271	84	93776	49.207	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	80223	47.030	ug/l	90
22) Diisopropyl ether	6.665	45	232105	49.386	ug/l	99
23) Vinyl Acetate	6.600	43	871315	270.768	ug/l	97
24) 1,1-Dichloroethane	6.571	63	152887	47.854	ug/l	98
25) 2-Butanone	7.483	43	243341	279.116	ug/l	95
26) 2,2-Dichloropropane	7.488	77	132956	46.800	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	98469	49.786	ug/l	98
28) Bromochloromethane	7.806	49	68111	51.870	ug/l	96
29) Tetrahydrofuran	7.835	42	168467	299.242	ug/l	95
30) Chloroform	7.965	83	166339	49.821	ug/l	97
31) Cyclohexane	8.253	56	109945	41.101	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	145046	48.843	ug/l	98
36) 1,1-Dichloropropene	8.371	75	102389	46.128	ug/l	99
37) Ethyl Acetate	7.559	43	101439	55.532	ug/l	98
38) Carbon Tetrachloride	8.359	117	132525	50.248	ug/l	95
39) Methylcyclohexane	9.600	83	98870	45.340	ug/l	97
40) Benzene	8.606	78	347135	48.794	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	55366	56.699	ug/l	95
42) 1,2-Dichloroethane	8.665	62	128458	55.434	ug/l	97
43) Isopropyl Acetate	8.688	43	171024	53.386	ug/l	98
44) Trichloroethene	9.353	130	79703	45.629	ug/l	99
45) 1,2-Dichloropropane	9.618	63	84658	49.299	ug/l	98
46) Dibromomethane	9.706	93	66707	55.071	ug/l	99
47) Bromodichloromethane	9.888	83	137501	53.058	ug/l	99
48) Methyl methacrylate	9.677	41	77096	56.830	ug/l	93
49) 1,4-Dioxane	9.694	88	34848	1350.838	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	528189	299.910	ug/l	96
52) Toluene	10.629	92	222722	53.407	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	139288	58.126	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	143358	54.556	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	90292	54.456	ug/l	99
56) Ethyl methacrylate	10.871	69	135990	56.192	ug/l	96
57) 1,3-Dichloropropane	11.159	76	150036	54.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	269818	279.514	ug/l	96
59) 2-Hexanone	11.194	43	396619	327.357	ug/l	96
60) Dibromochloromethane	11.359	129	115950	60.055	ug/l	97
61) 1,2-Dibromoethane	11.471	107	90361	57.679	ug/l	99
64) Tetrachloroethene	11.100	164	79102	44.944	ug/l	99
65) Chlorobenzene	11.888	112	247247	47.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	94116	50.311	ug/l	98
67) Ethyl Benzene	11.959	91	414158	50.800	ug/l	99
68) m/p-Xylenes	12.070	106	337208	108.890	ug/l	99
69) o-Xylene	12.394	106	159312	54.138	ug/l	100
70) Styrene	12.412	104	284431	51.748	ug/l	98
71) Bromoform	12.576	173	81454	58.599	ug/l #	98
73) Isopropylbenzene	12.694	105	381374	43.904	ug/l	100
74) N-amyl acetate	12.494	43	145232	47.411	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	136713	45.736	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	134001m	47.577	ug/l	
77) Bromobenzene	12.976	156	110022	46.881	ug/l	100
78) n-propylbenzene	13.035	91	464216	46.663	ug/l	99
79) 2-Chlorotoluene	13.123	91	300904	45.270	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	350833	49.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53454	55.375	ug/l	97
82) 4-Chlorotoluene	13.217	91	317990	48.258	ug/l	99
83) tert-Butylbenzene	13.435	119	285337	47.953	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	360571	51.504	ug/l	99
85) sec-Butylbenzene	13.617	105	381910	45.426	ug/l	100
86) p-Isopropyltoluene	13.729	119	327286	43.048	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	202738	46.109	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	199957	44.370	ug/l	99
89) n-Butylbenzene	14.053	91	258809	43.358	ug/l	99
90) Hexachloroethane	14.329	117	66986	42.071	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	197736	46.766	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28339	51.629	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	95853	47.576	ug/l	99
94) Hexachlorobutadiene	15.500	225	48641	39.725	ug/l	97
95) Naphthalene	15.641	128	295885	53.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	97135	48.024	ug/l	99

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

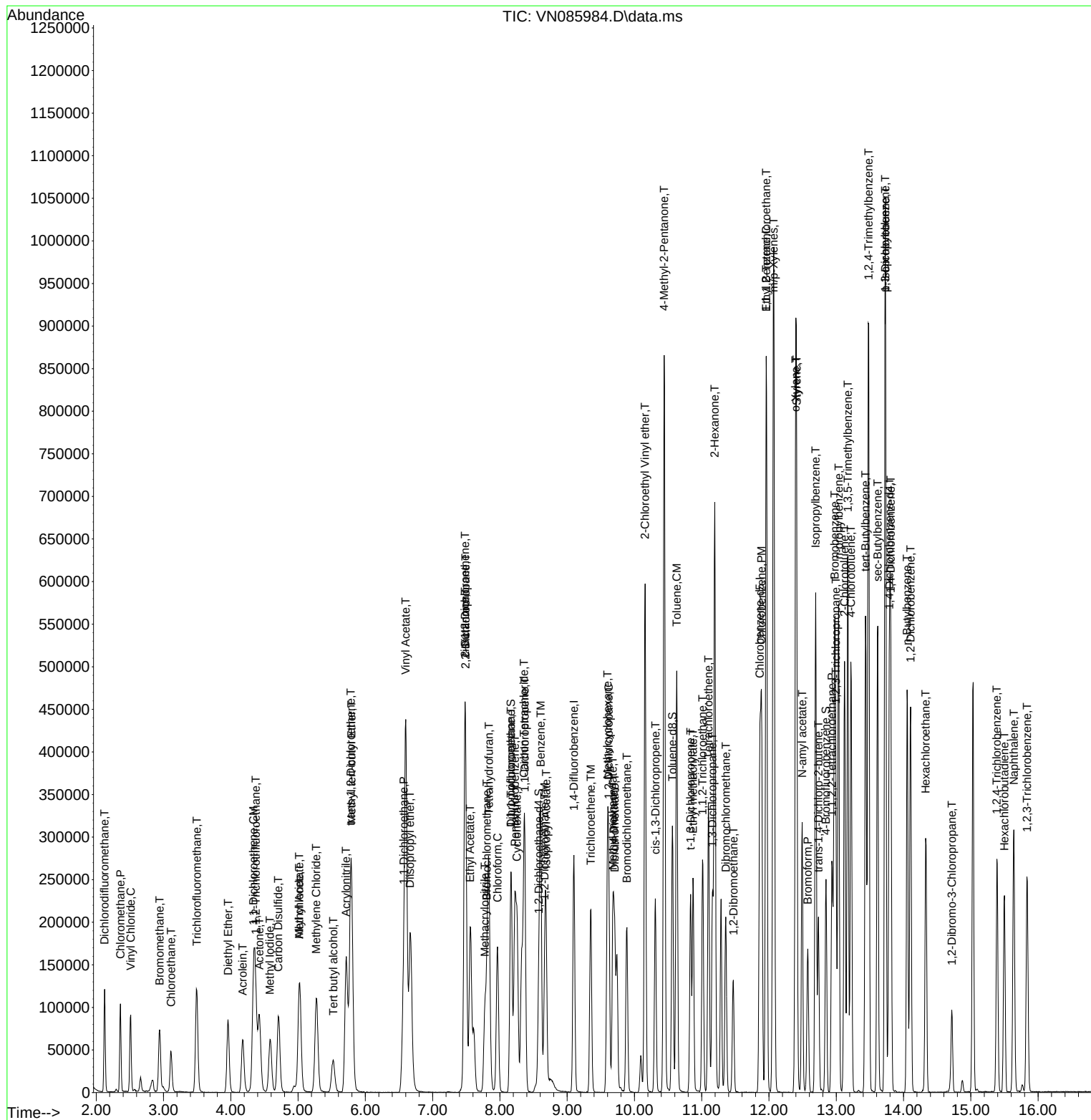
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
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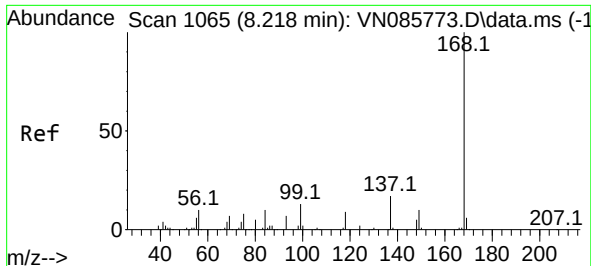
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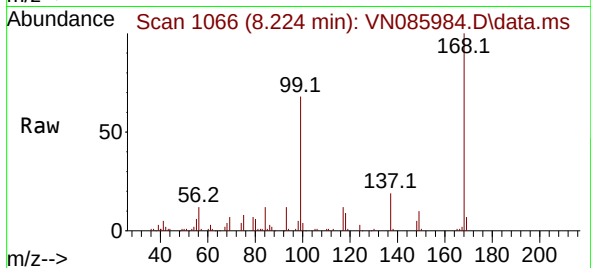
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085984.D
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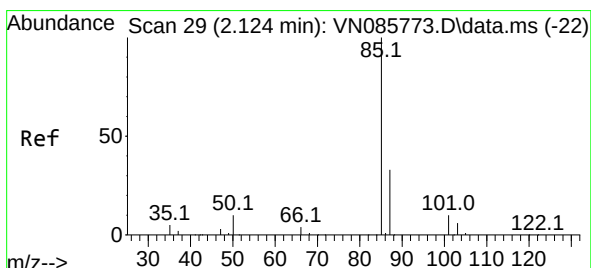
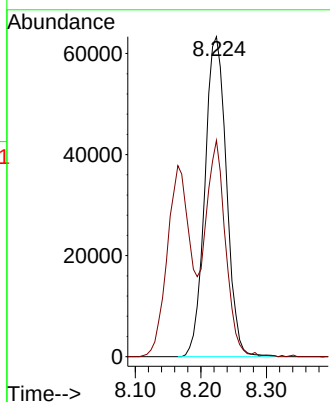
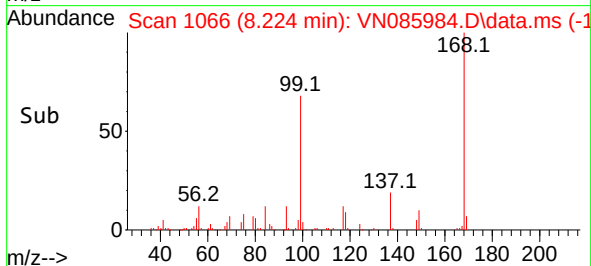
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 144458
Ion Ratio Lower Upper
168 100
99 67.6 47.9 71.9

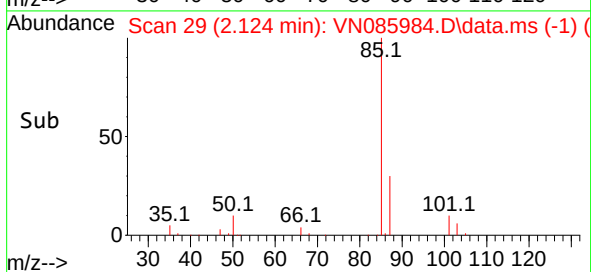
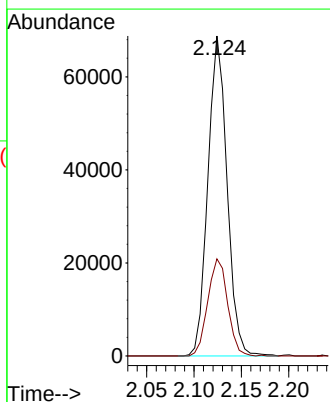
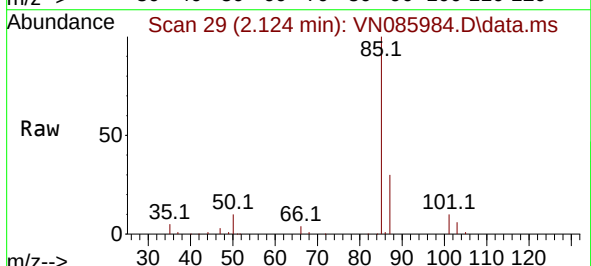
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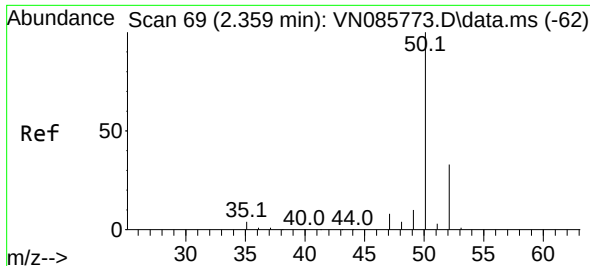
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 49.272 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion: 85 Resp: 96816
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.2





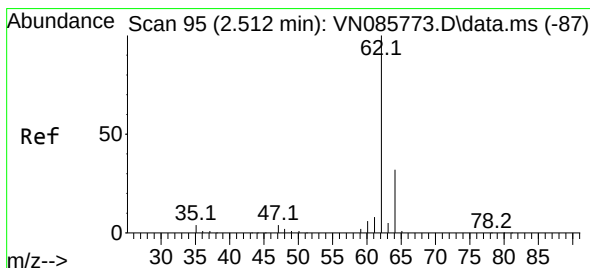
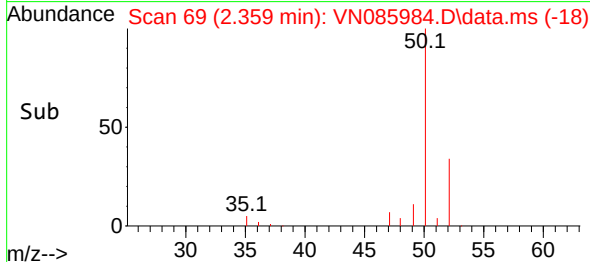
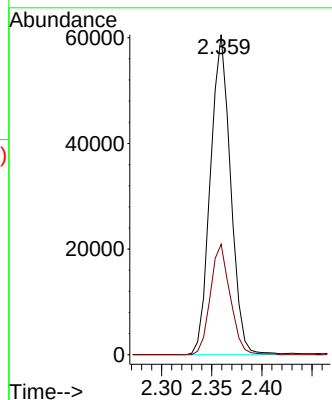
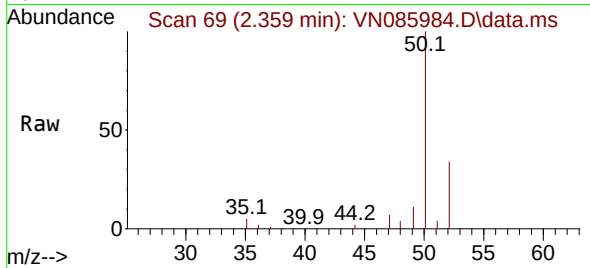
#3
Chloromethane
Concen: 42.999 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085984.D
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Tgt Ion: 50 Resp: 8478
Ion Ratio Lower Upper
50 100
52 34.5 26.7 40.1

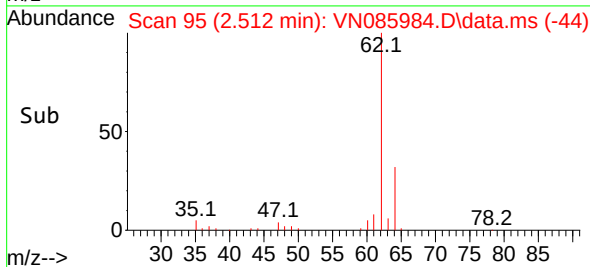
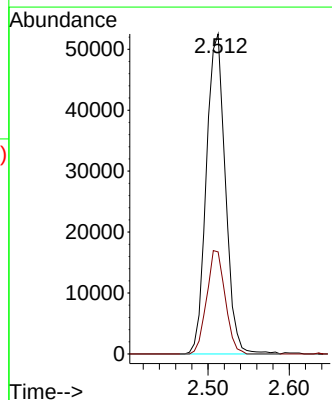
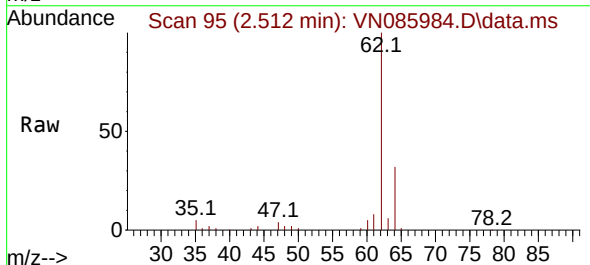
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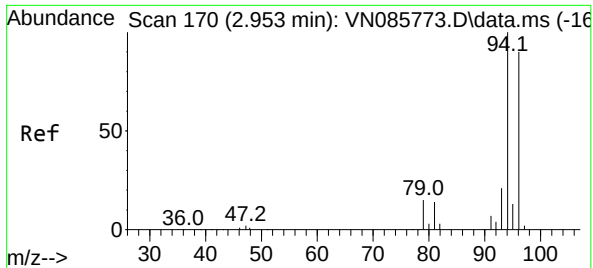
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#4
Vinyl Chloride
Concen: 40.869 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion: 62 Resp: 85320
Ion Ratio Lower Upper
62 100
64 31.9 25.9 38.9





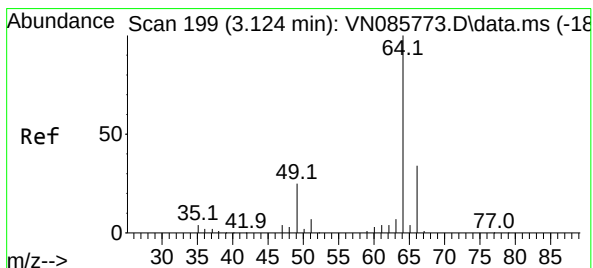
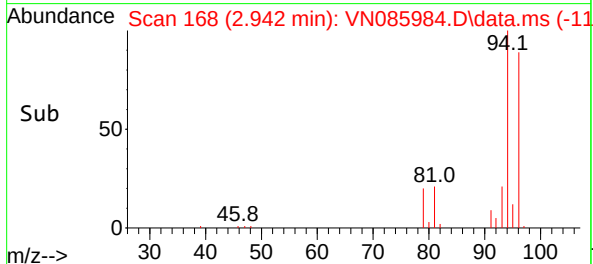
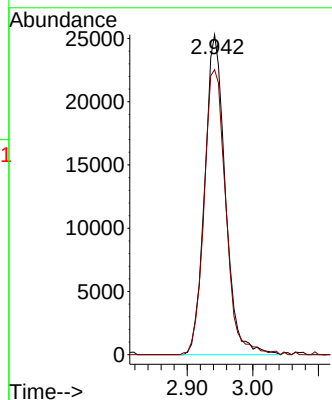
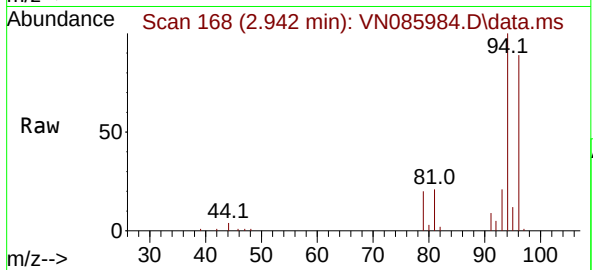
#5
Bromomethane
Concen: 41.319 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN085984.D
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Tgt Ion: 94 Resp: 5515
Ion Ratio Lower Upper
94 100
96 89.0 71.7 107.5

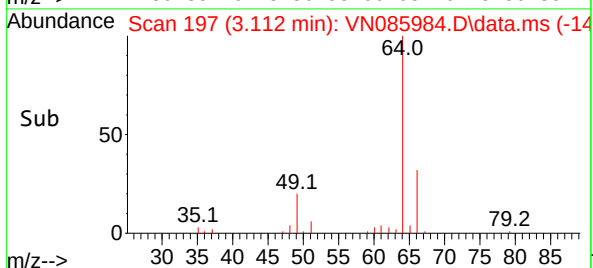
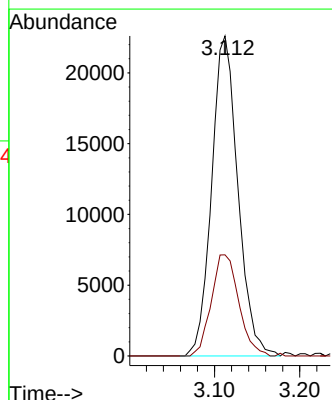
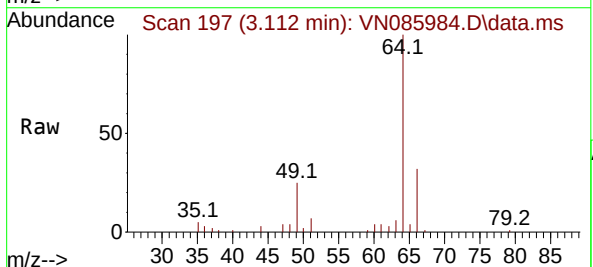
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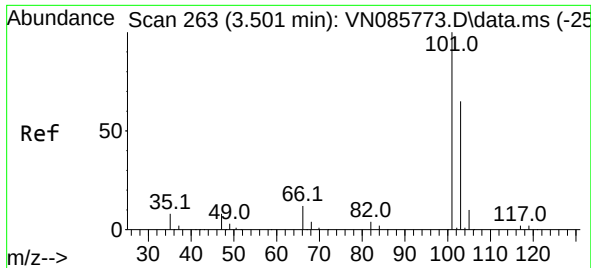
Reviewed By :John Carlone 03/18/2025
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#6
Chloroethane
Concen: 35.029 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

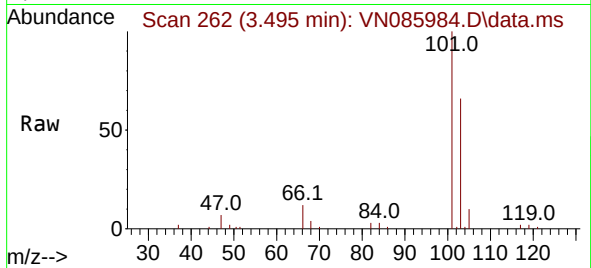
Tgt Ion: 64 Resp: 48438
Ion Ratio Lower Upper
64 100
66 31.6 27.0 40.6





#7
Trichlorofluoromethane
Concen: 46.116 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

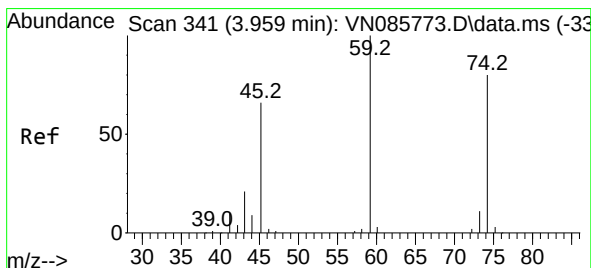
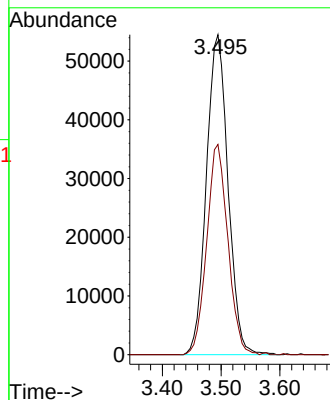
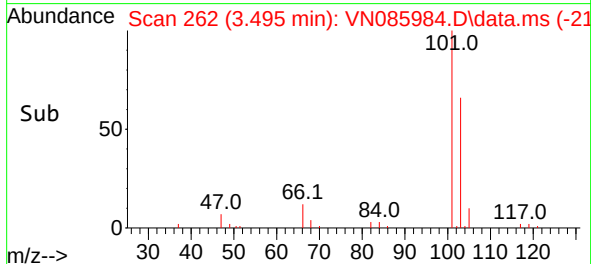
Instrument :
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Tgt Ion:101 Resp: 139389
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

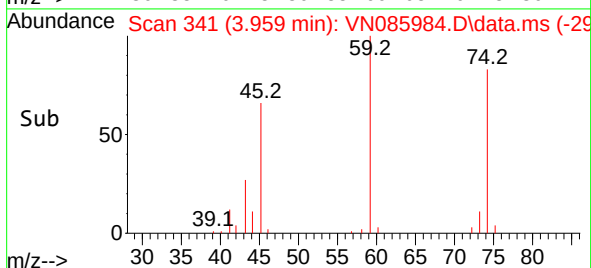
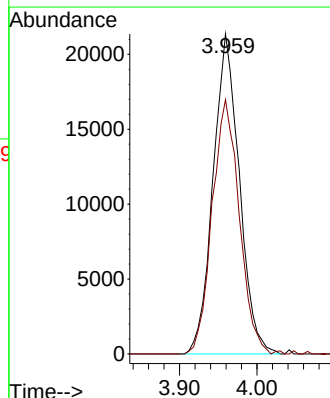
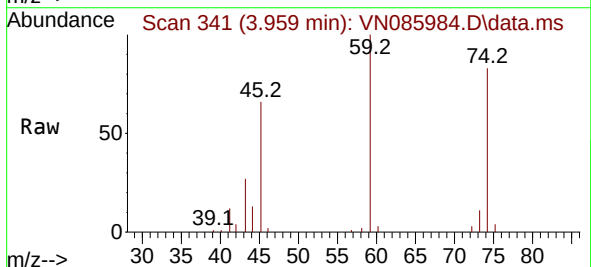
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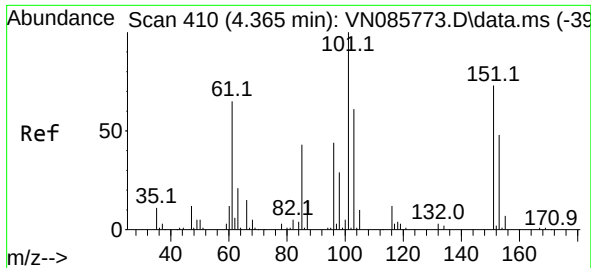
Reviewed By :John Carlone 03/18/2025
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#8
Diethyl Ether
Concen: 51.415 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion: 74 Resp: 50283
Ion Ratio Lower Upper
74 100
45 82.3 42.5 127.6





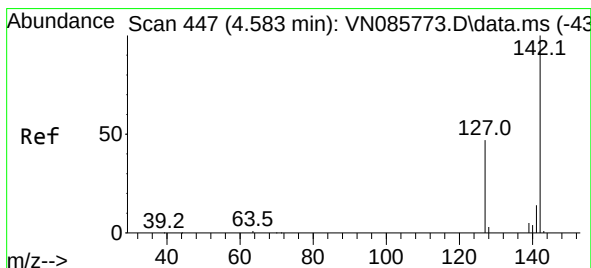
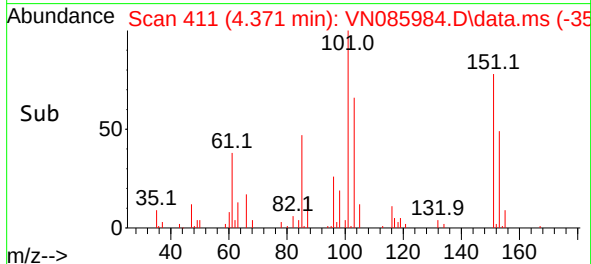
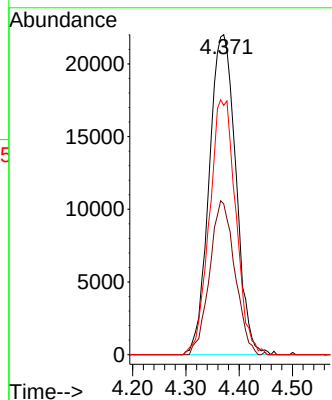
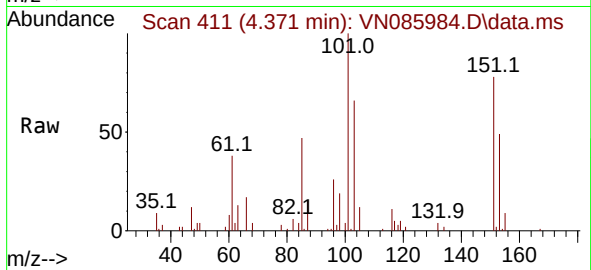
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.914 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 76725
Ion Ratio Lower Upper
101 100
85 45.3 35.7 53.5
151 78.6 61.4 92.2

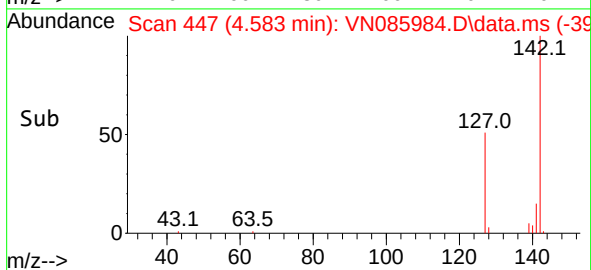
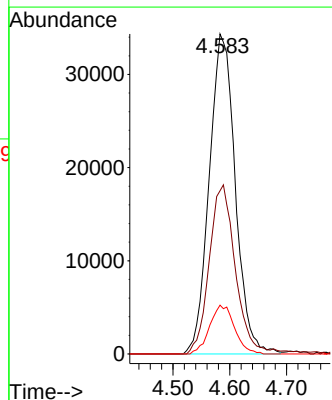
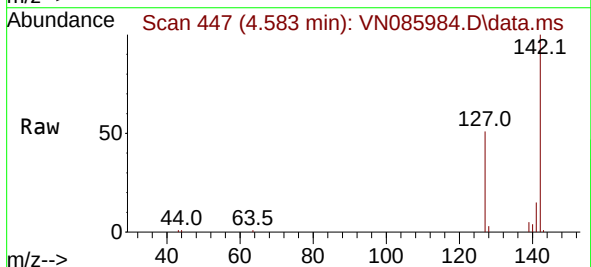
Manual Integrations
APPROVED

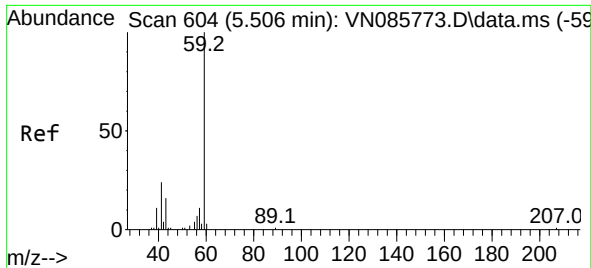
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#10
Methyl Iodide
Concen: 50.804 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

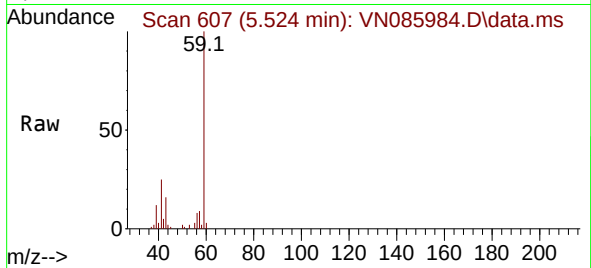
Tgt Ion:142 Resp: 109414
Ion Ratio Lower Upper
142 100
127 51.0 37.6 56.4
141 15.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 302.435 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

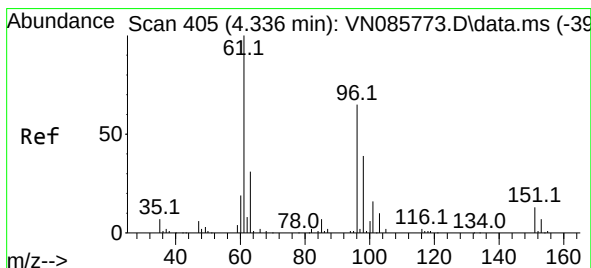
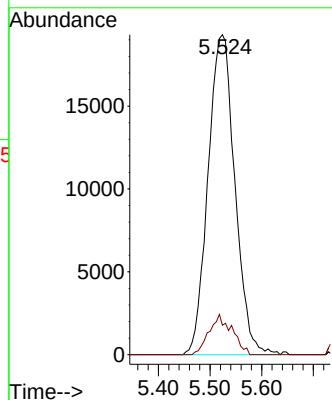
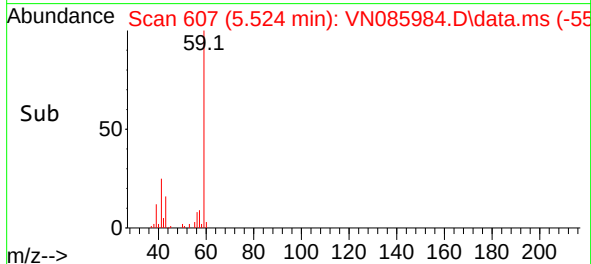
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



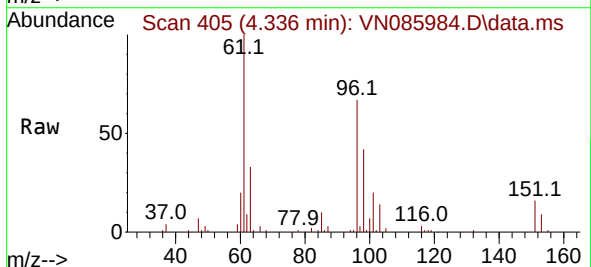
Tgt Ion: 59 Resp: 6966
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

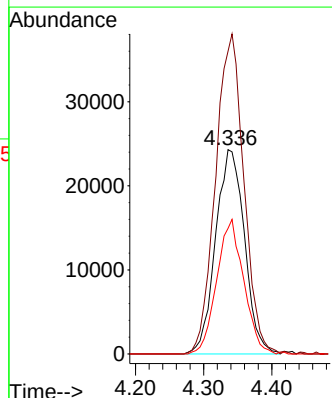
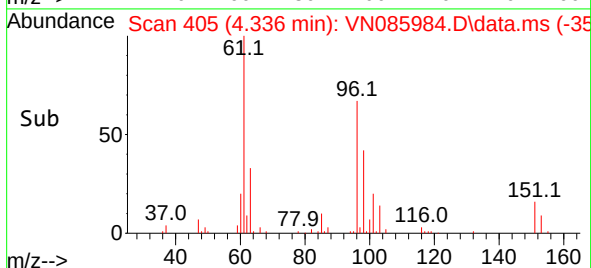
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

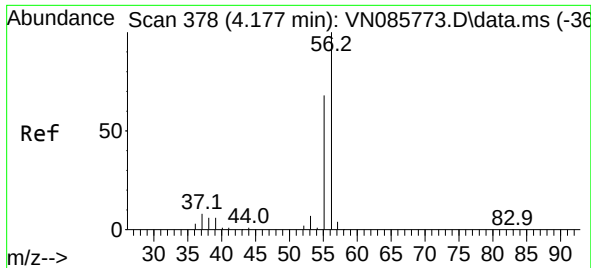


#12
1,1-Dichloroethene
Concen: 45.200 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



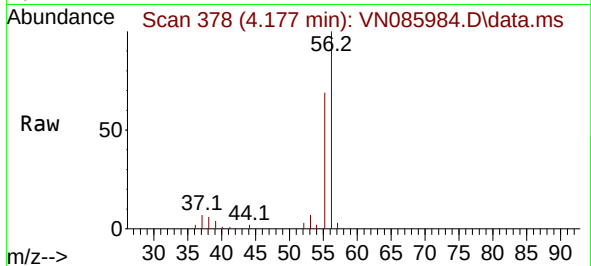
Tgt Ion: 96 Resp: 71605
Ion Ratio Lower Upper
96 100
61 148.2 123.3 184.9
98 61.5 48.6 72.8





#13
Acrolein
Concen: 241.251 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

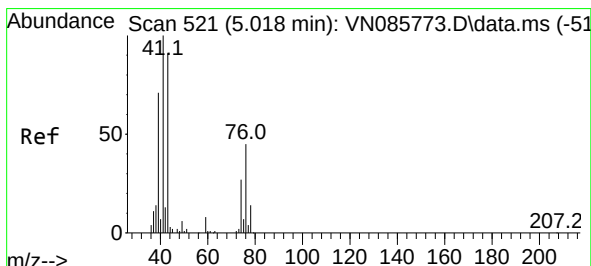
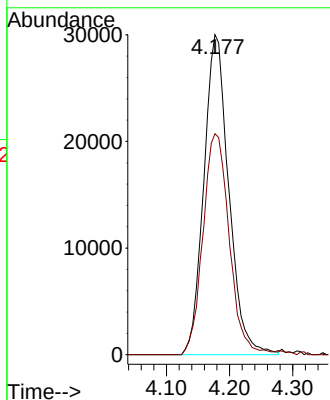
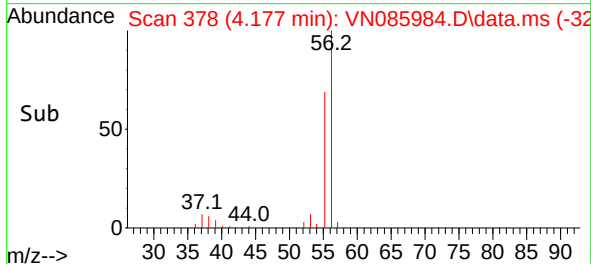
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 82409
Ion Ratio Lower Upper
56 100
55 72.5 55.3 82.9

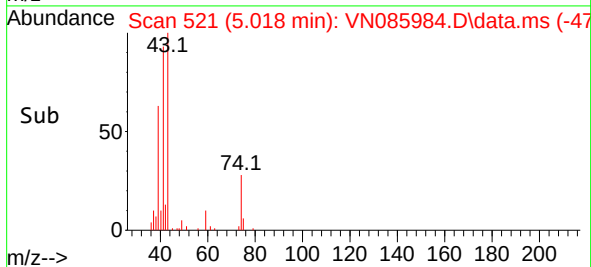
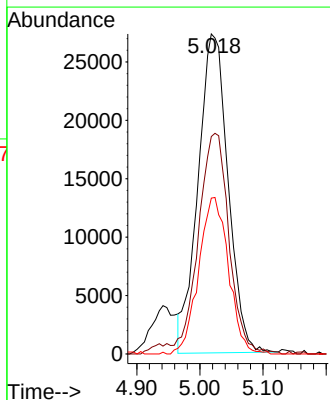
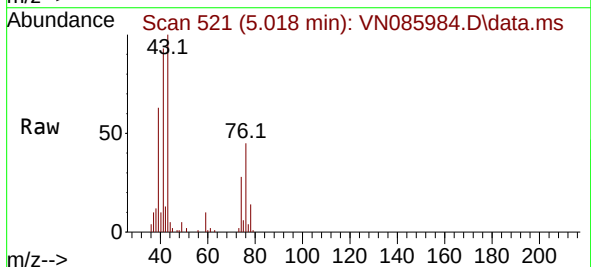
Manual Integrations
APPROVED

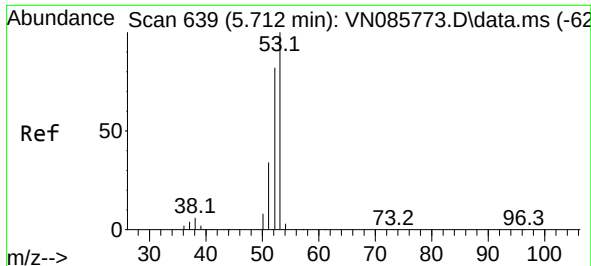
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#14
Allyl chloride
Concen: 43.329 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

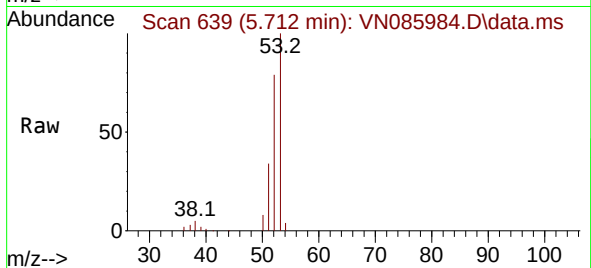
Tgt Ion: 41 Resp: 90121
Ion Ratio Lower Upper
41 100
39 70.8 57.4 86.2
76 48.7 36.2 54.2





#15
Acrylonitrile
Concen: 285.755 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

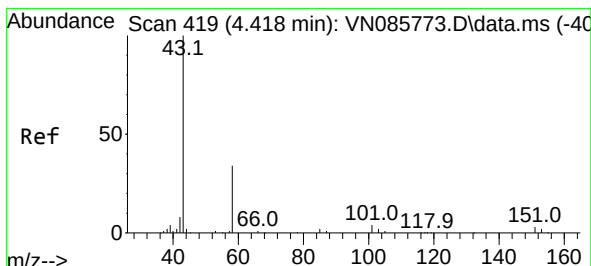
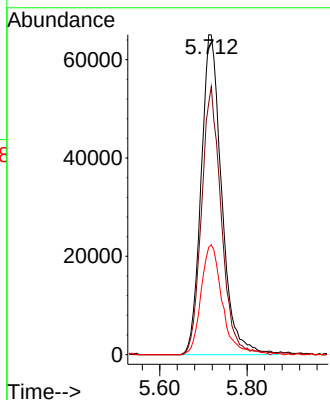
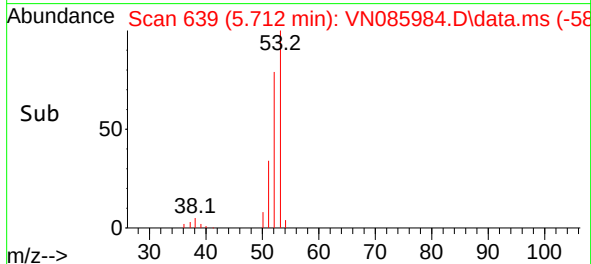
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



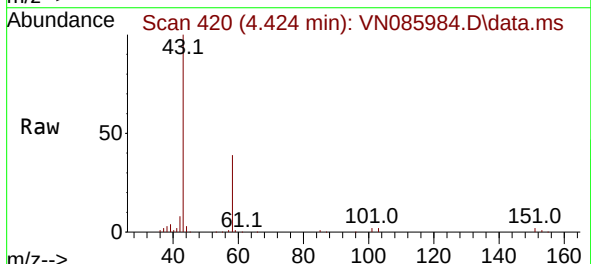
Tgt Ion: 53 Resp: 21398
Ion Ratio Lower Upper
53 100
52 79.7 65.8 98.6
51 35.4 28.6 42.8

Manual Integrations
APPROVED

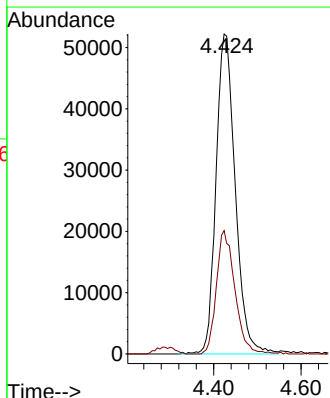
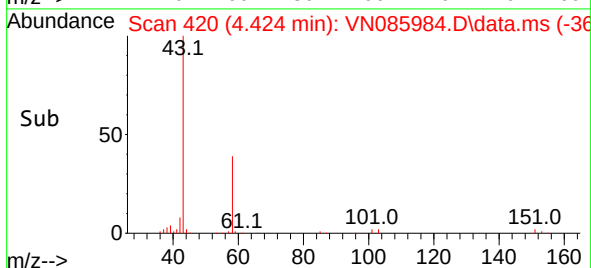
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

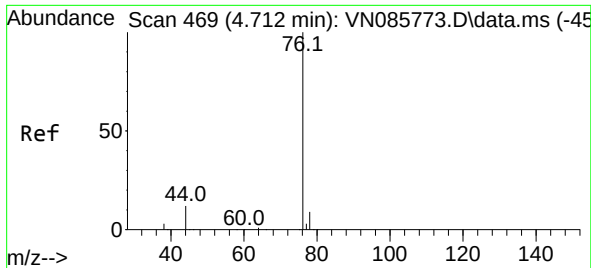


#16
Acetone
Concen: 268.299 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



Tgt Ion: 43 Resp: 158995
Ion Ratio Lower Upper
43 100
58 38.3 27.5 41.3





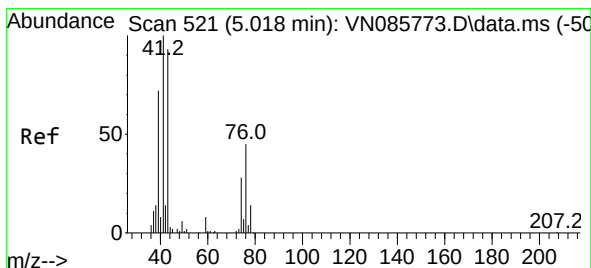
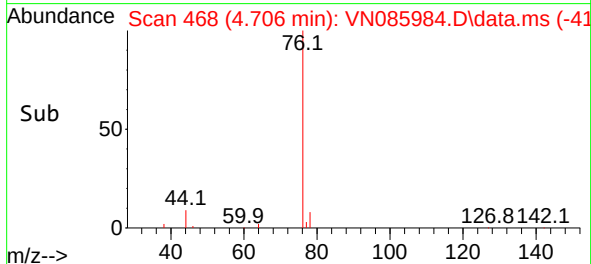
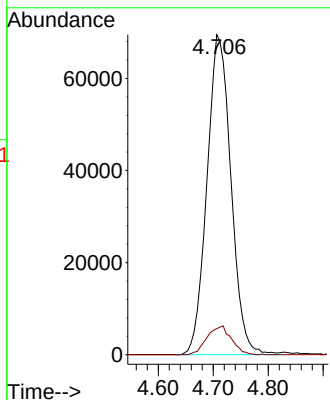
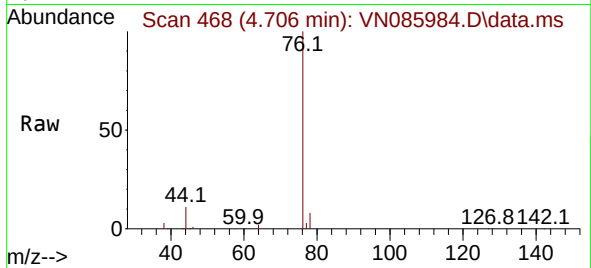
#17
Carbon Disulfide
Concen: 44.926 ug/l
RT: 4.706 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 21093
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

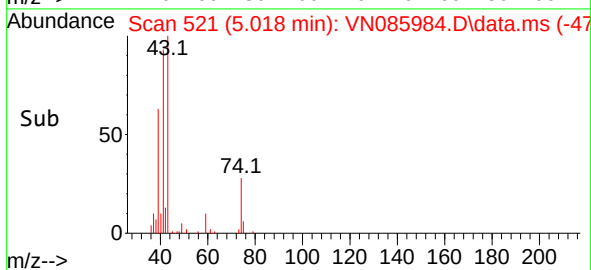
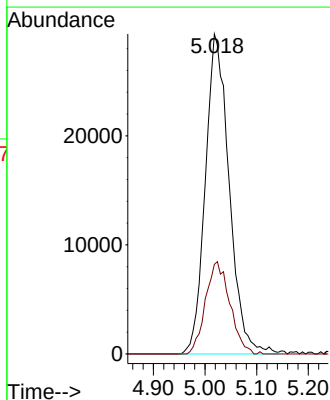
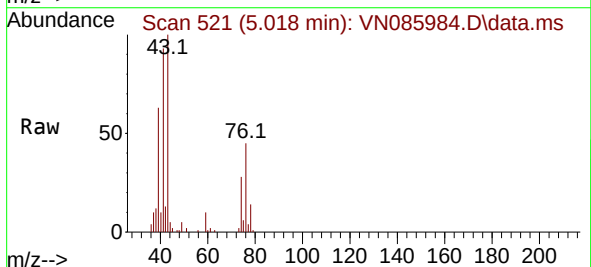
Manual Integrations
APPROVED

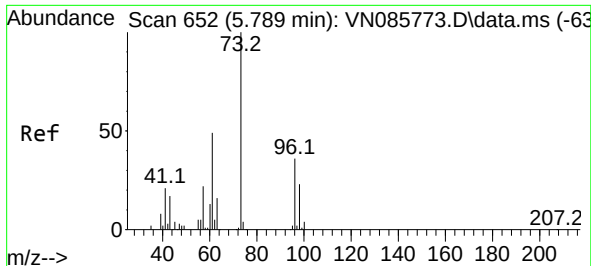
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
Methyl Acetate
Concen: 46.149 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion: 43 Resp: 94064
Ion Ratio Lower Upper
43 100
74 29.3 22.2 33.4





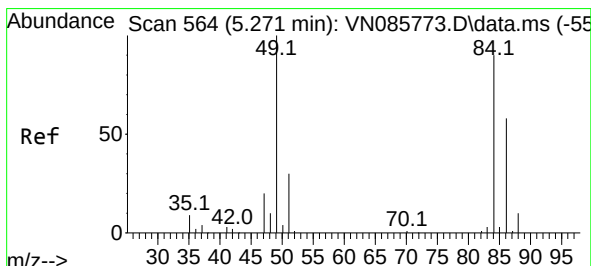
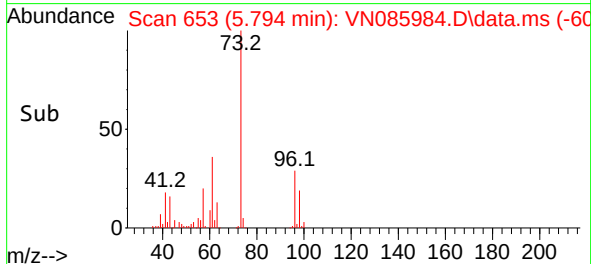
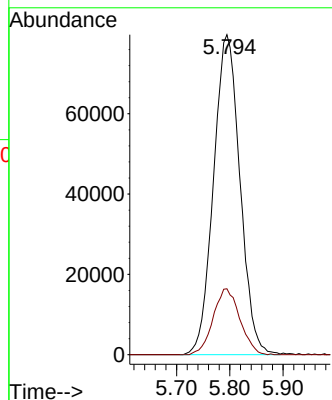
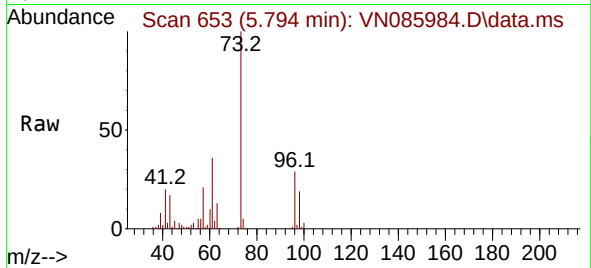
#19
Methyl tert-butyl Ether
Concen: 58.307 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 27448
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

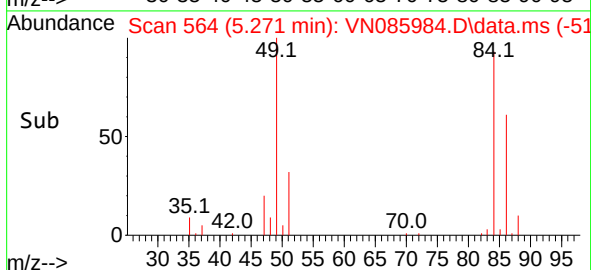
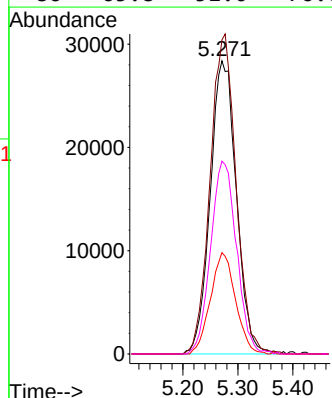
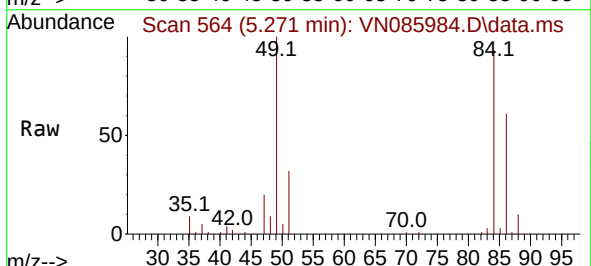
Manual Integrations
APPROVED

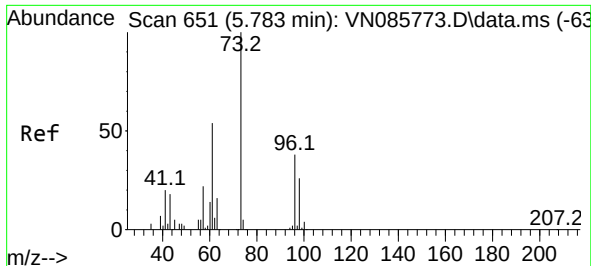
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 49.207 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

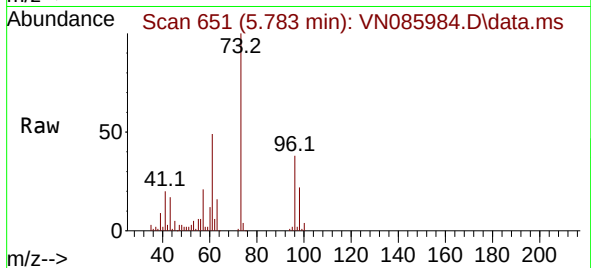
Tgt Ion: 84 Resp: 93776
Ion Ratio Lower Upper
84 100
49 107.1 88.4 132.6
51 34.6 26.6 40.0
86 65.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.030 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

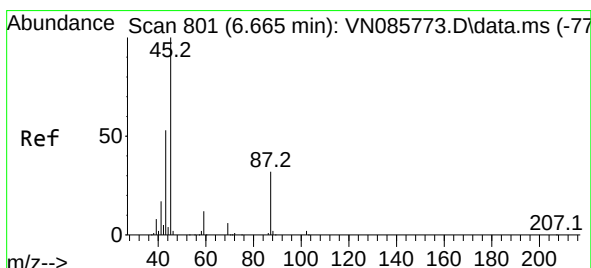
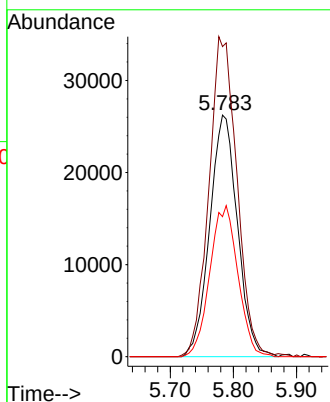
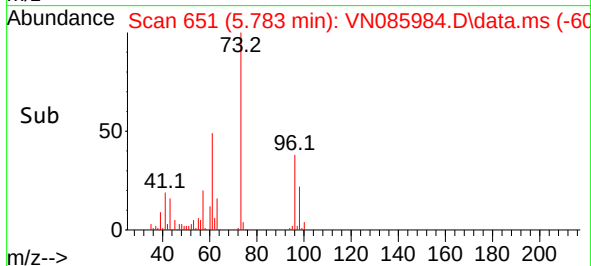
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



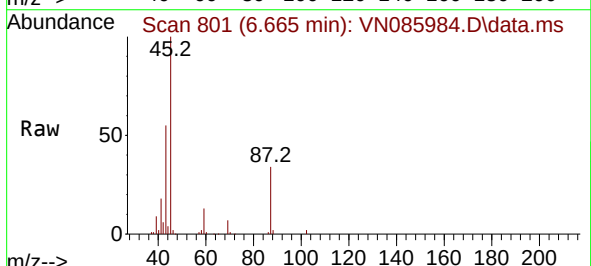
Tgt Ion: 96 Resp: 80223
Ion Ratio Lower Upper
96 100
61 128.4 112.6 168.8
98 58.0 53.3 79.9

Manual Integrations
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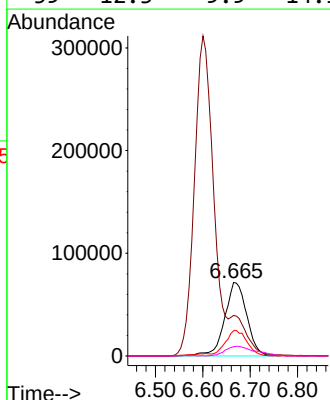
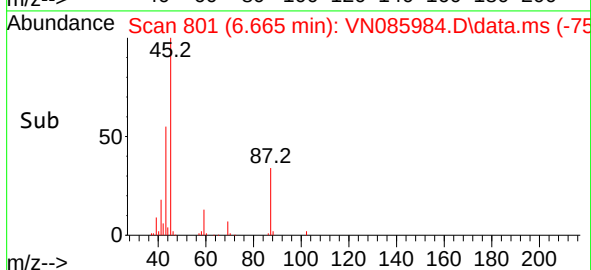
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

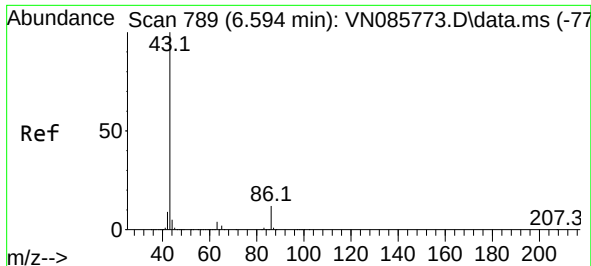


#22
Diisopropyl ether
Concen: 49.386 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



Tgt Ion: 45 Resp: 232105
Ion Ratio Lower Upper
45 100
43 53.5 42.6 64.0
87 34.3 25.8 38.8
59 12.3 9.9 14.9





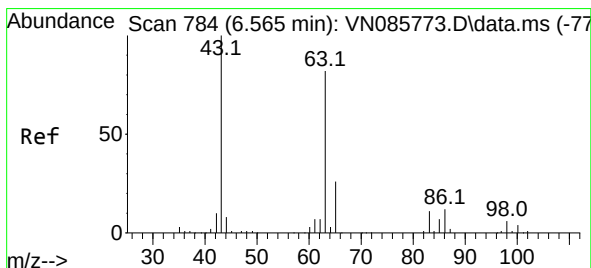
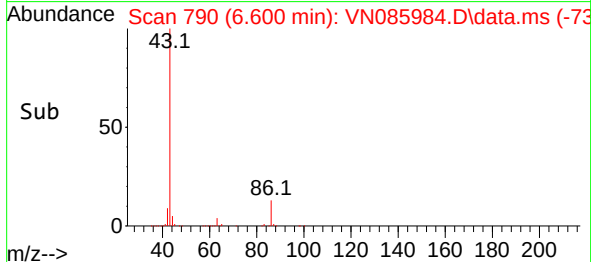
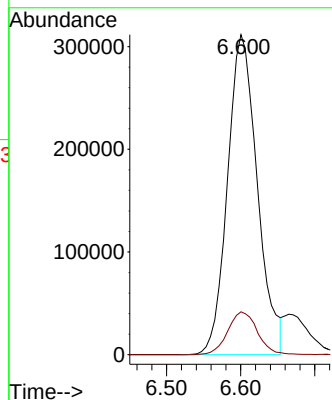
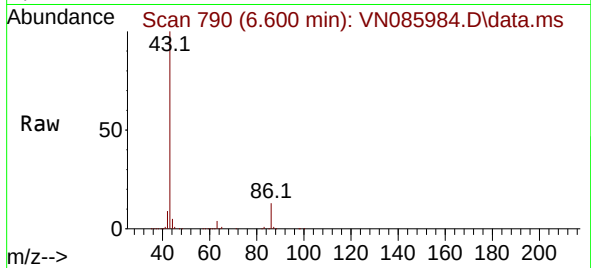
#23
 Vinyl Acetate
 Concen: 270.768 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 871315
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.8 14.8

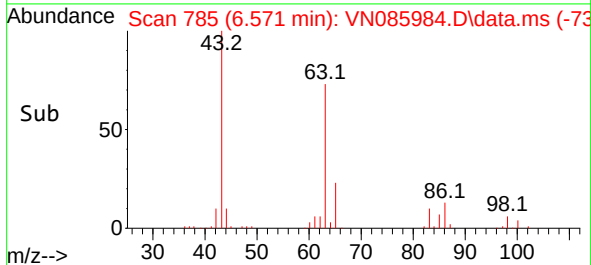
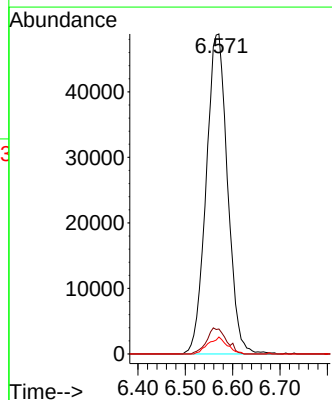
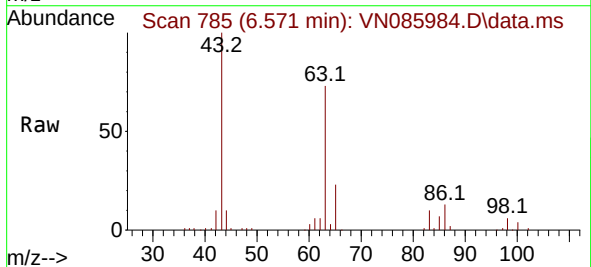
Manual Integrations
 APPROVED

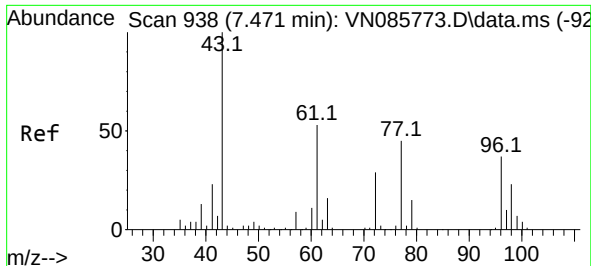
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#24
 1,1-Dichloroethane
 Concen: 47.854 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

Tgt Ion: 63 Resp: 152887
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.3 2.4 7.2





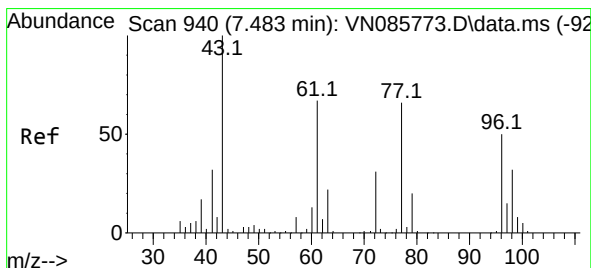
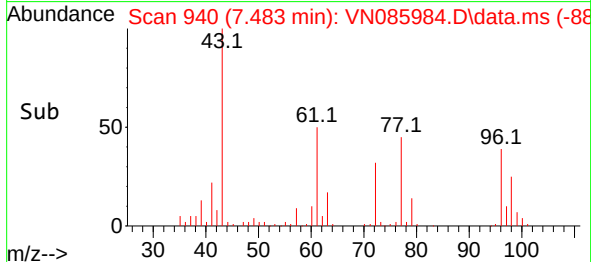
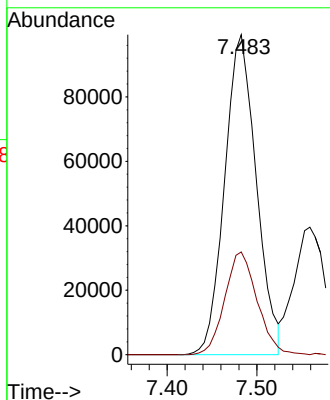
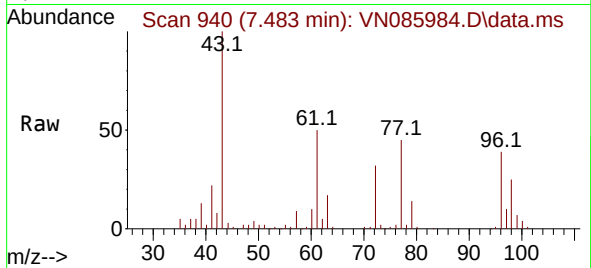
#25
2-Butanone
Concen: 279.116 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 24334
Ion Ratio Lower Upper
43 100
72 32.1 23.6 35.4

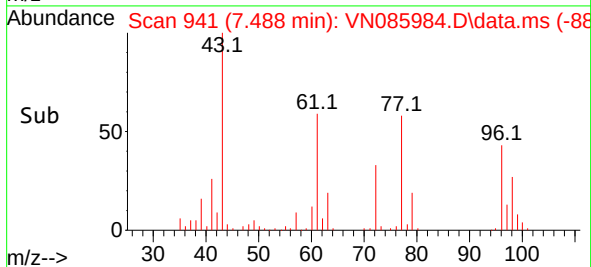
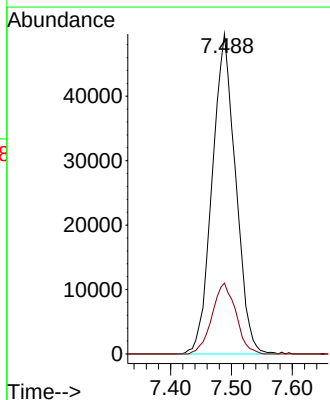
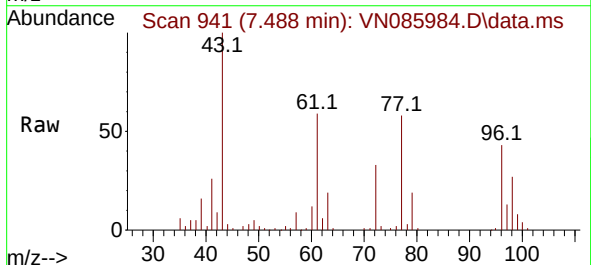
Manual Integrations
APPROVED

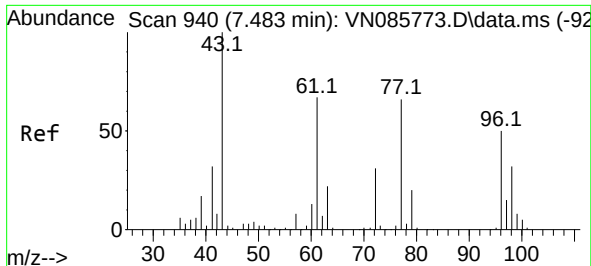
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
2,2-Dichloropropane
Concen: 46.800 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

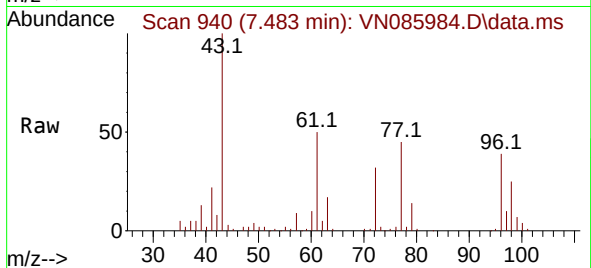
Tgt Ion: 77 Resp: 132956
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.786 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

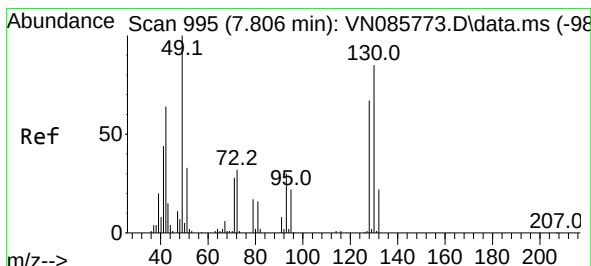
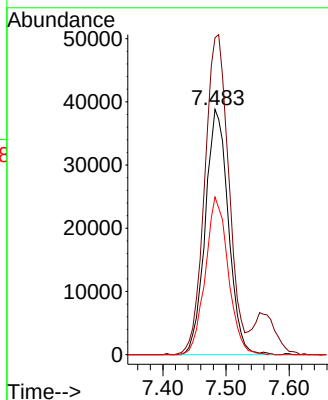
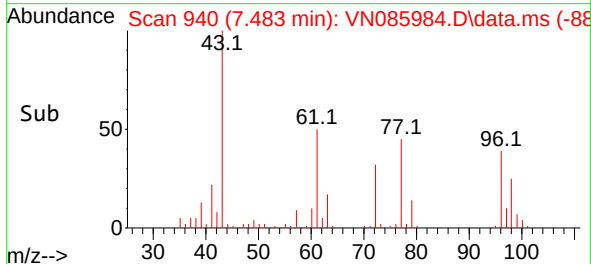
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



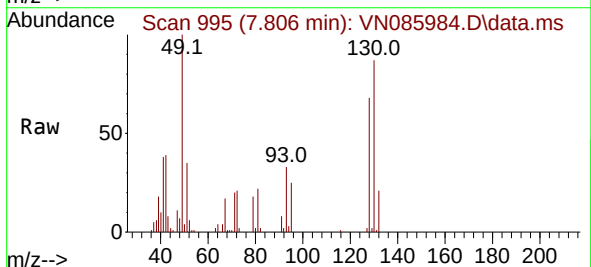
Tgt Ion: 96 Resp: 98469
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 280.6
 98 63.7 0.0 128.6

Manual Integrations
 APPROVED

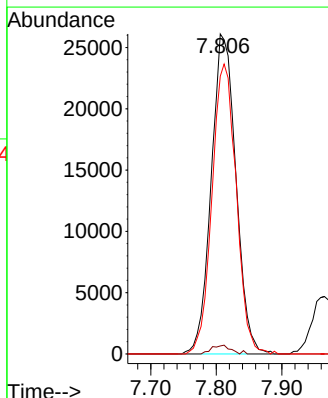
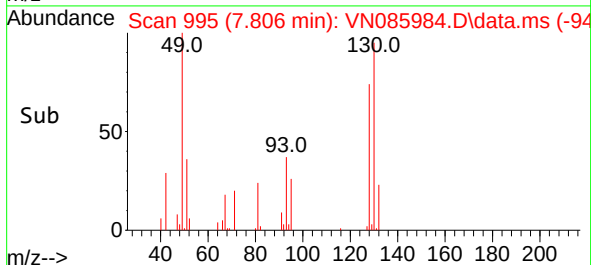
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

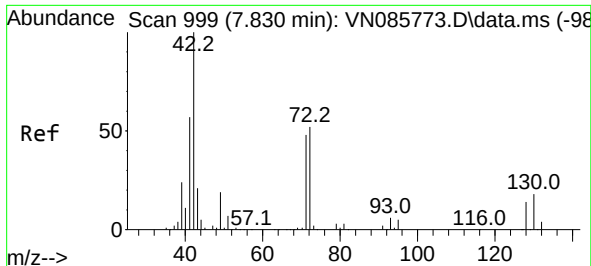


#28
 Bromochloromethane
 Concen: 51.870 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07



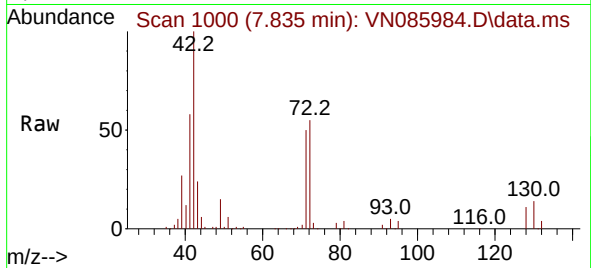
Tgt Ion: 49 Resp: 68111
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 89.1 68.0 102.0





#29
Tetrahydrofuran
Concen: 299.242 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

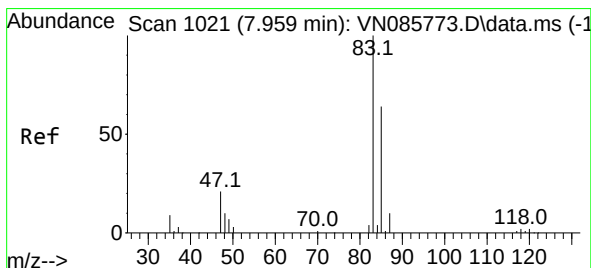
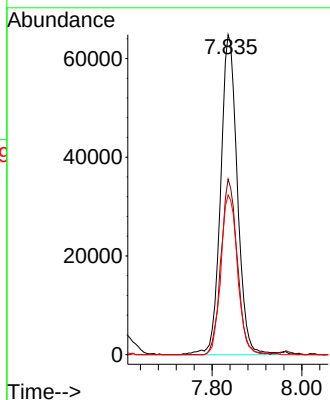
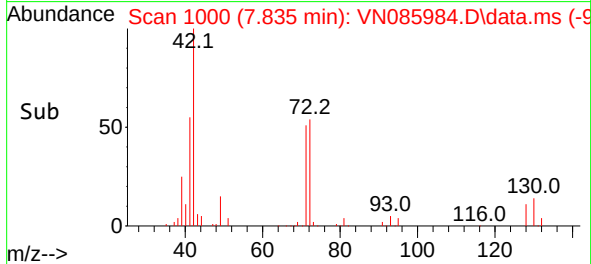
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 16846
Ion Ratio Lower Upper
42 100
72 53.3 40.0 60.0
71 49.8 37.0 55.4

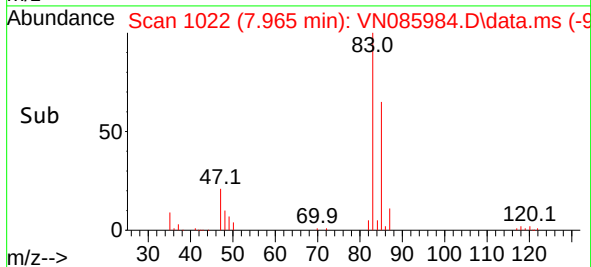
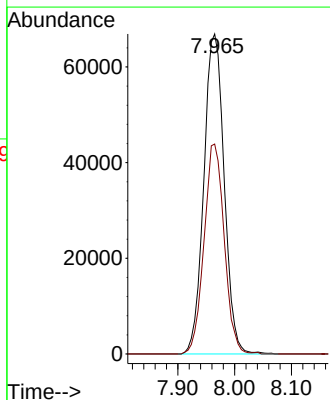
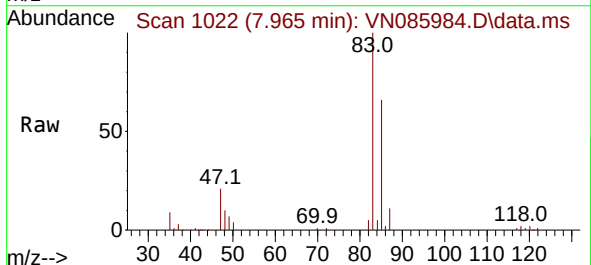
Manual Integrations
APPROVED

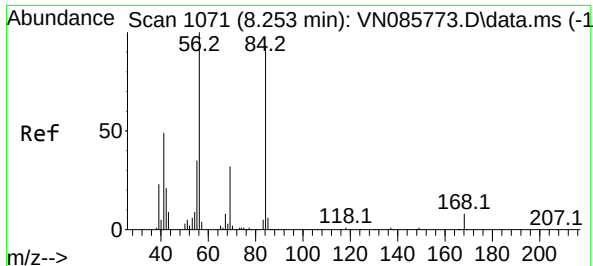
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#30
Chloroform
Concen: 49.821 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

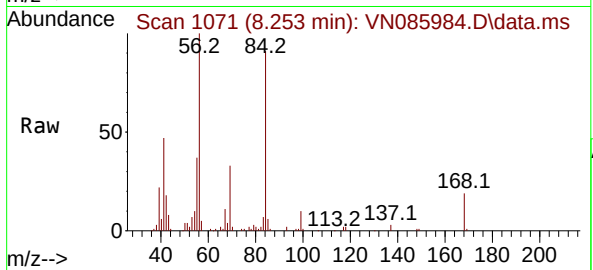
Tgt Ion: 83 Resp: 166339
Ion Ratio Lower Upper
83 100
85 65.6 50.9 76.3





#31
Cyclohexane
Concen: 41.101 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

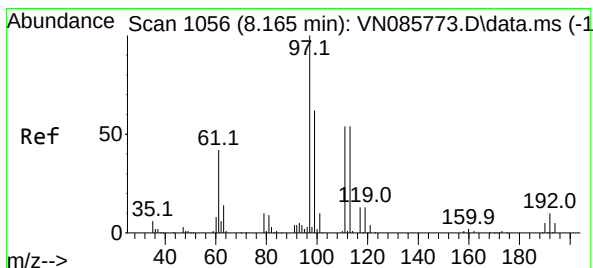
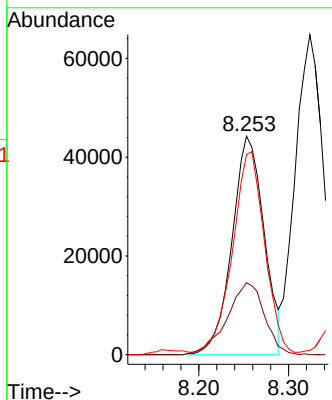
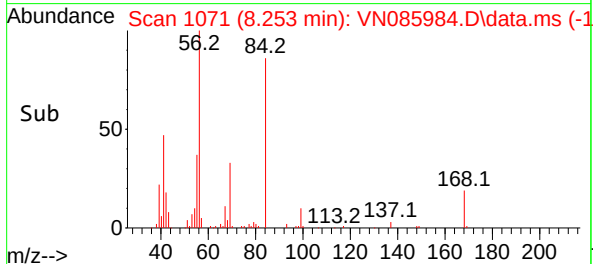
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



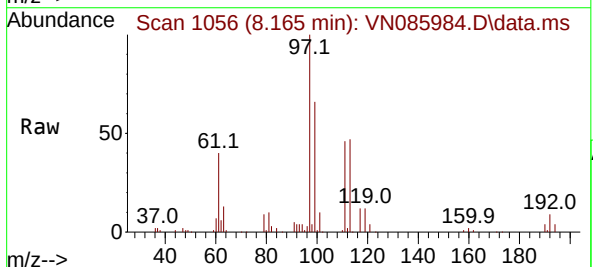
Tgt Ion: 56 Resp: 10994
Ion Ratio Lower Upper
56 100
69 33.0 25.8 38.6
84 89.8 74.5 111.7

Manual Integrations
APPROVED

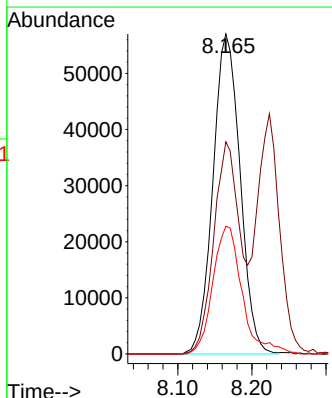
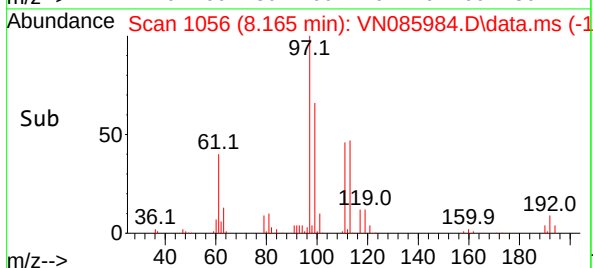
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

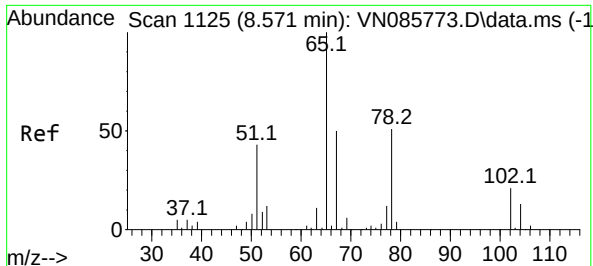


#32
1,1,1-Trichloroethane
Concen: 48.843 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



Tgt Ion: 97 Resp: 145046
Ion Ratio Lower Upper
97 100
99 64.0 50.4 75.6
61 43.0 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 43.566 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8159

Ion Ratio Lower Upper

65 100

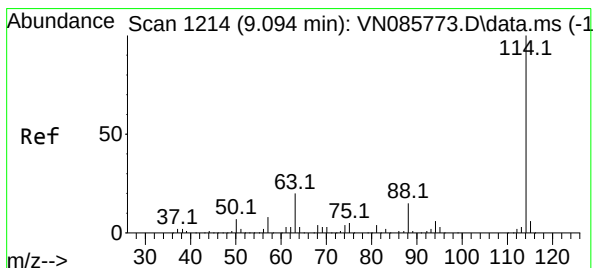
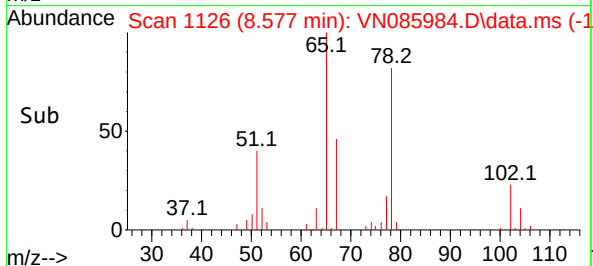
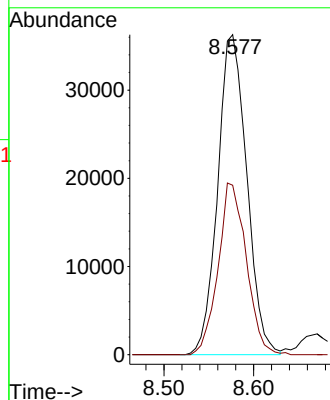
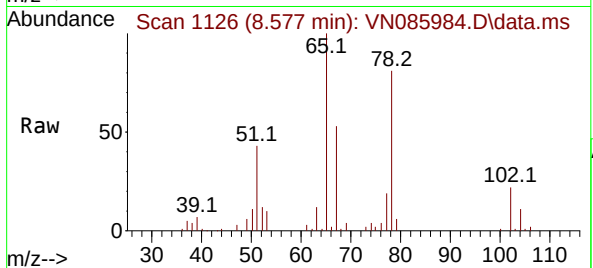
67 52.0 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

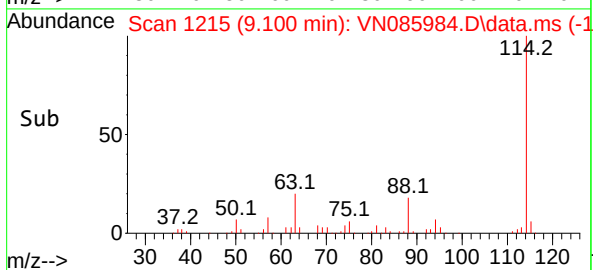
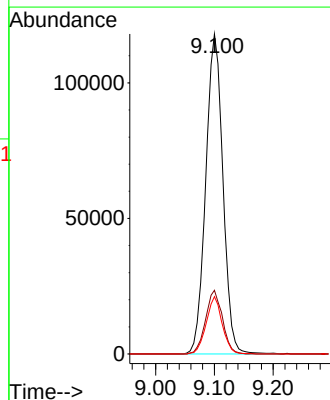
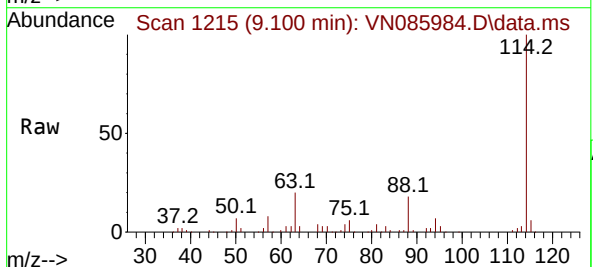
Tgt Ion:114 Resp: 239685

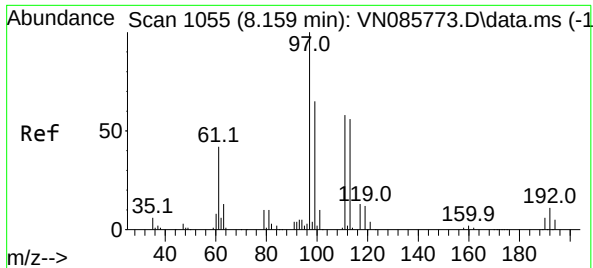
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

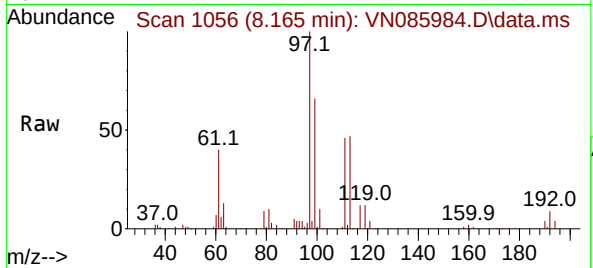
88 17.9 0.0 30.0





#35
Dibromofluoromethane
Concen: 41.423 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

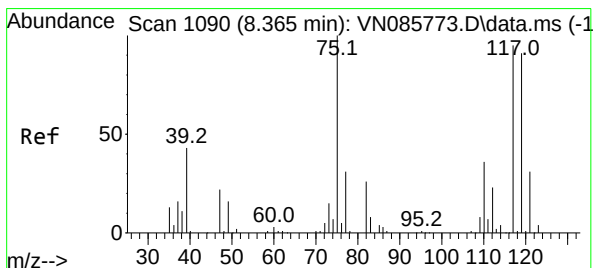
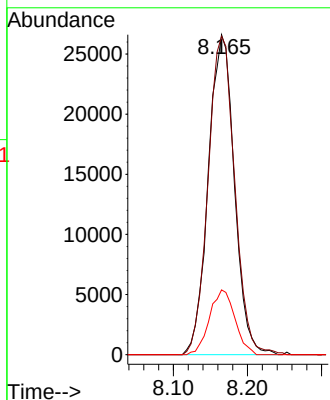
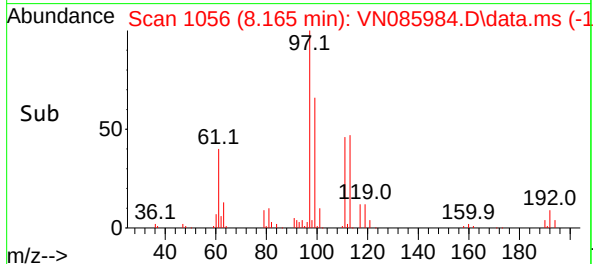
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 6496
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.8 14.7 22.1

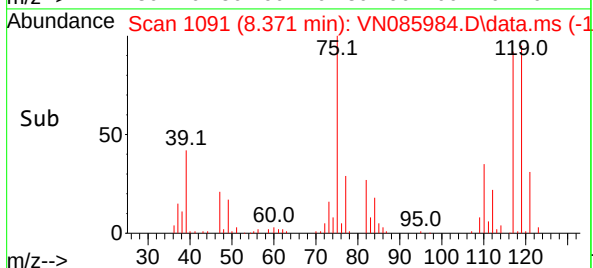
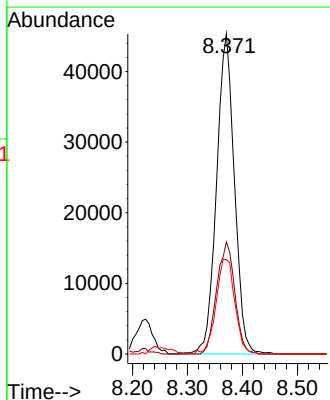
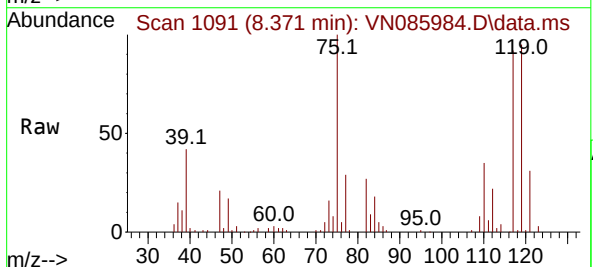
Manual Integrations
APPROVED

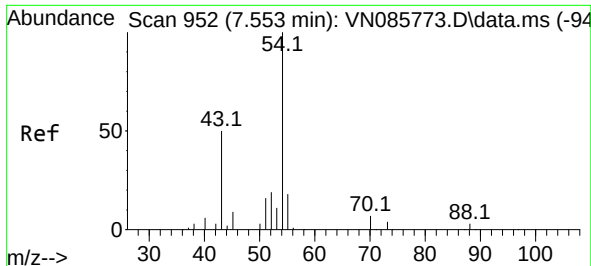
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#36
1,1-Dichloropropene
Concen: 46.128 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion: 75 Resp: 102389
Ion Ratio Lower Upper
75 100
110 35.4 17.3 52.0
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 55.532 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 101439

Ion Ratio Lower Upper

43 100

61 15.7 12.2 18.2

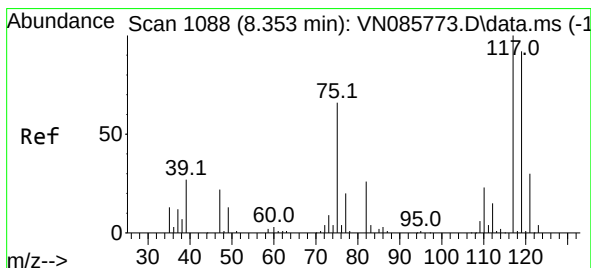
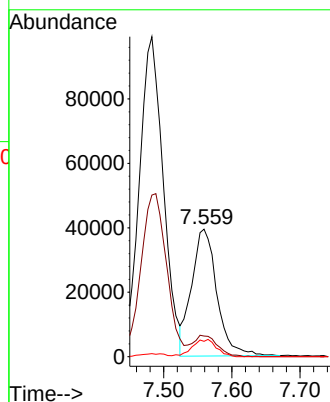
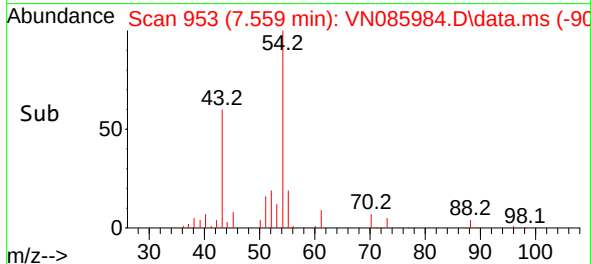
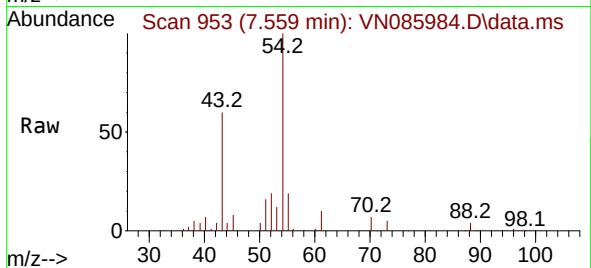
70 13.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#38

Carbon Tetrachloride

Concen: 50.248 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

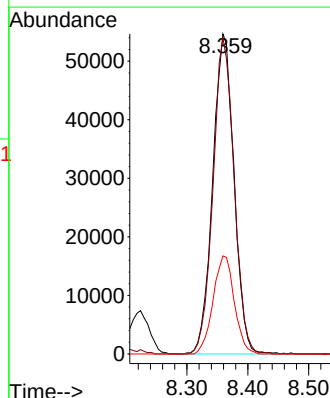
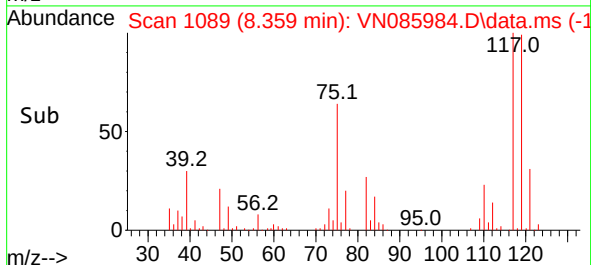
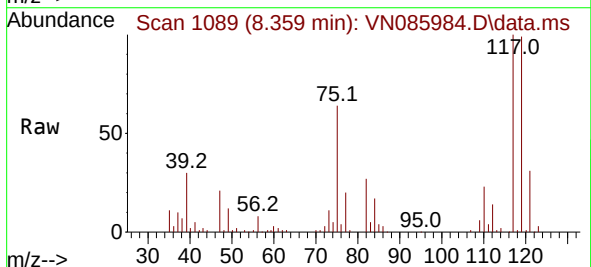
Tgt Ion:117 Resp: 132525

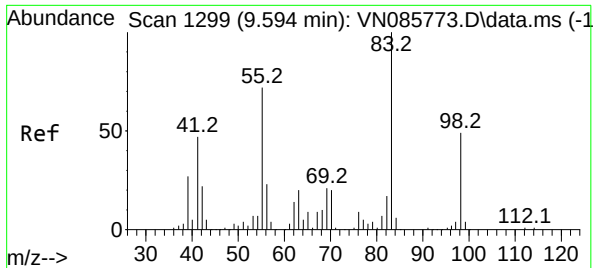
Ion Ratio Lower Upper

117 100

119 98.8 73.8 110.6

121 30.6 24.3 36.5





#39

Methylcyclohexane

Concen: 45.340 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

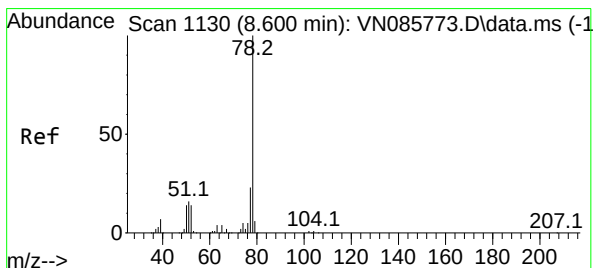
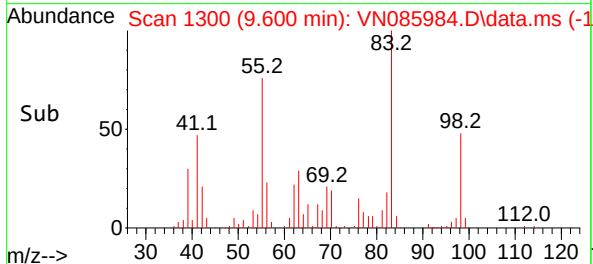
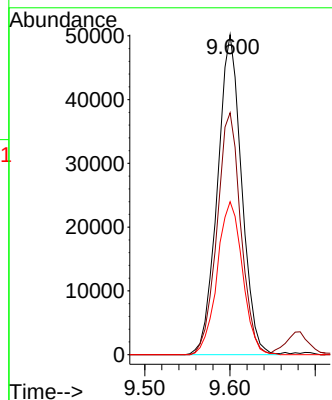
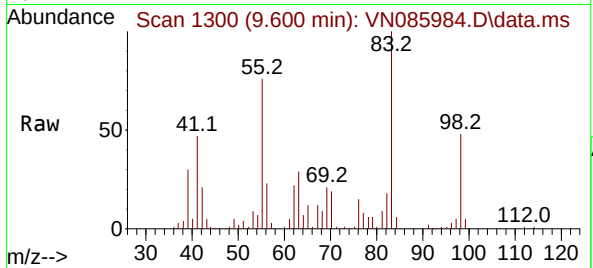
Tgt Ion: 83 Resp: 98870
 Ion Ratio Lower Upper
 83 100
 55 75.6 57.5 86.3
 98 47.8 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Benzene

Concen: 48.794 ug/l

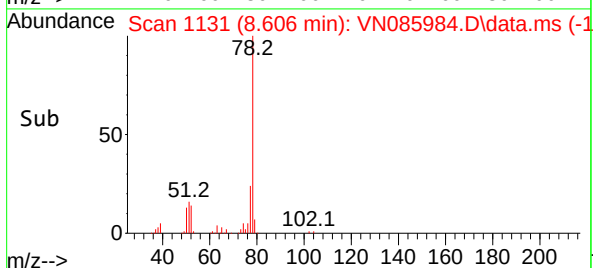
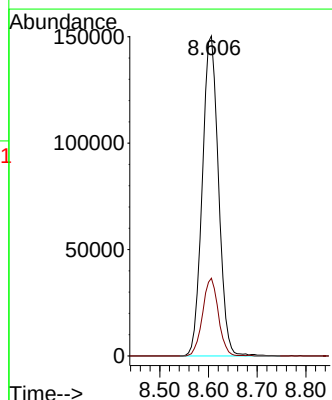
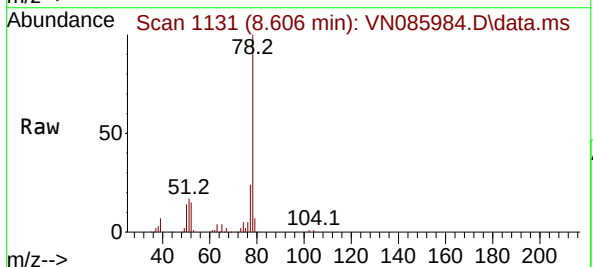
RT: 8.606 min Scan# 1131

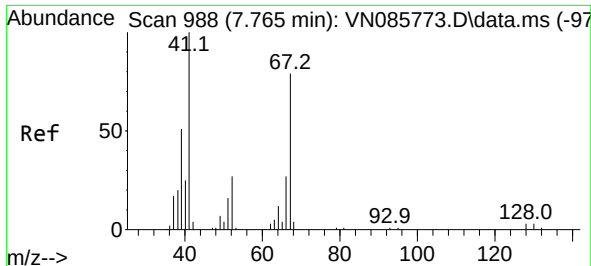
Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

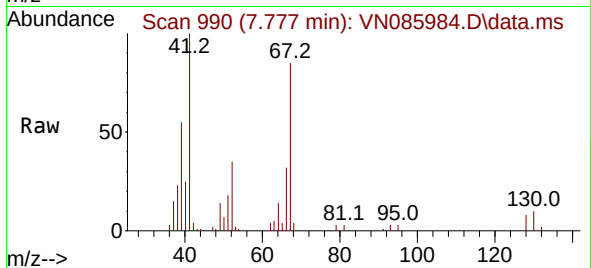
Tgt Ion: 78 Resp: 347135
 Ion Ratio Lower Upper
 78 100
 77 24.3 18.3 27.5





#41
Methacrylonitrile
Concen: 56.699 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

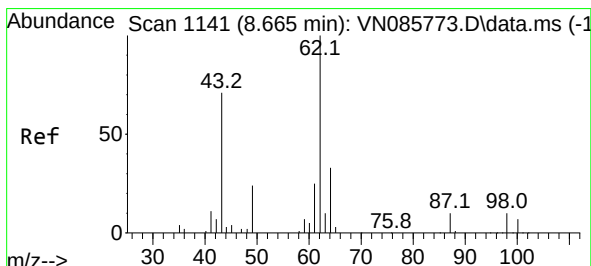
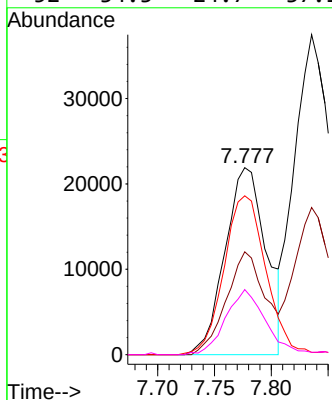
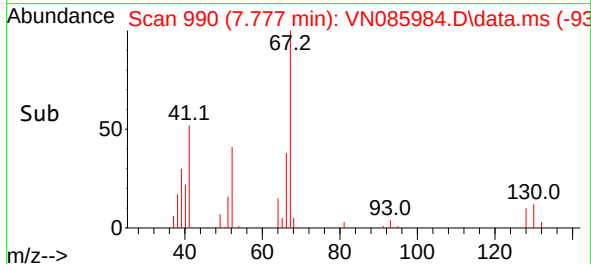
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5536
Ion Ratio Lower Upper
41 100
39 52.1 42.0 63.0
67 86.8 64.2 96.4
52 34.3 24.7 37.1

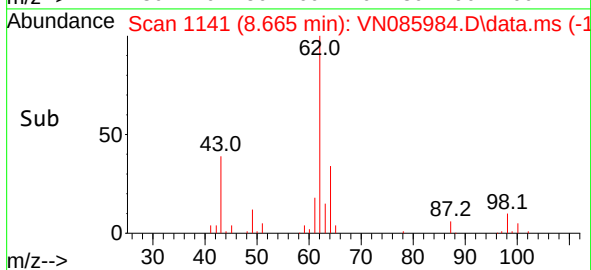
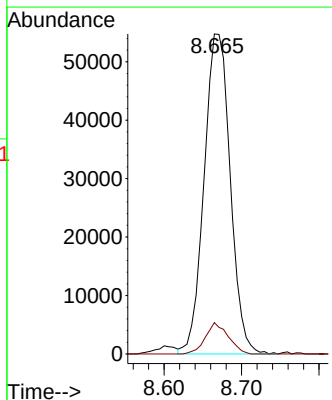
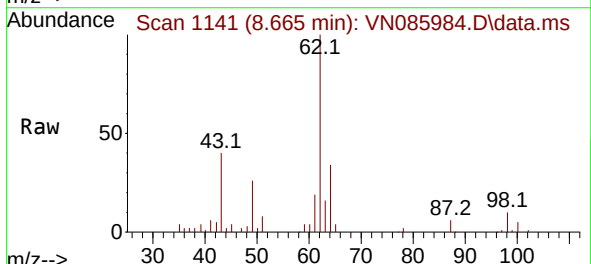
Manual Integrations
APPROVED

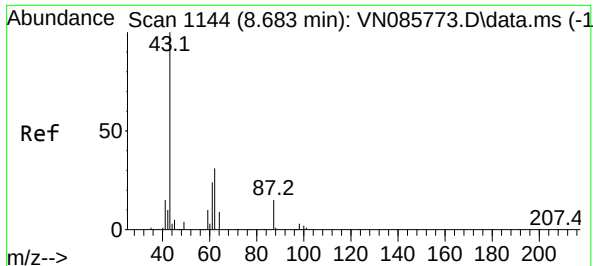
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
1,2-Dichloroethane
Concen: 55.434 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

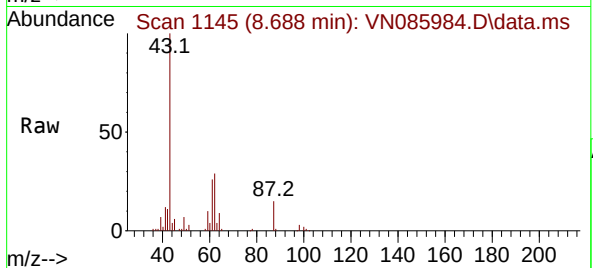
Tgt Ion: 62 Resp: 128458
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 53.386 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

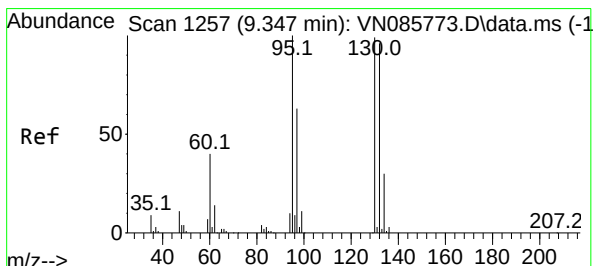
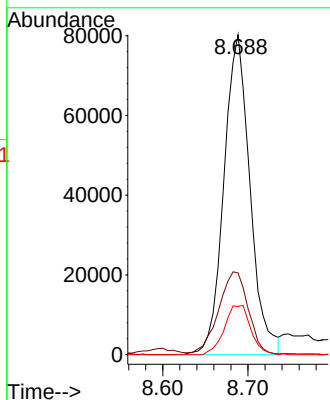
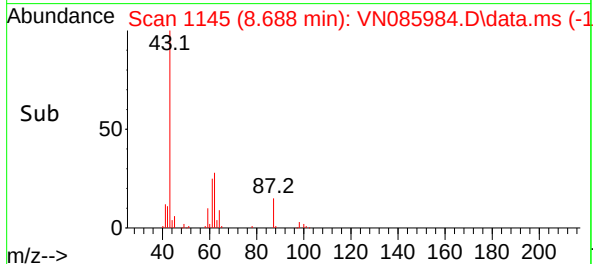
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



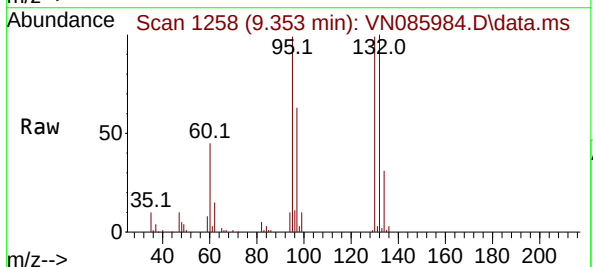
Tgt Ion: 43 Resp: 171024
Ion Ratio Lower Upper
43 100
61 29.2 22.6 34.0
87 15.5 11.8 17.8

Manual Integrations
APPROVED

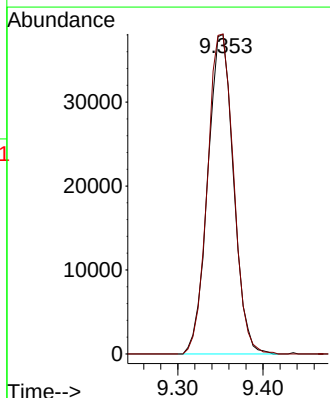
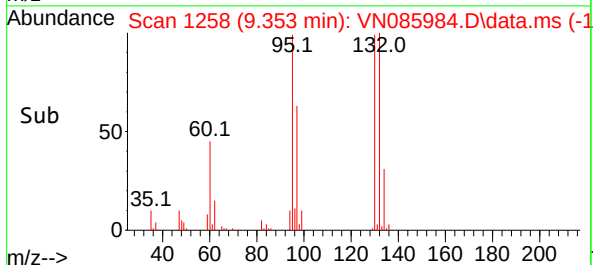
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

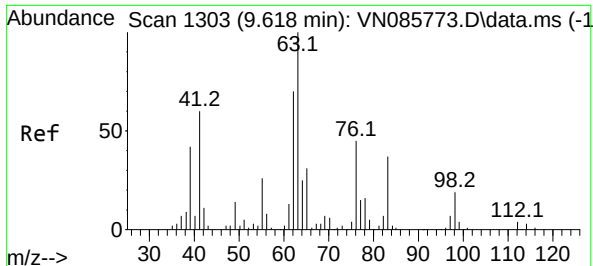


#44
Trichloroethene
Concen: 45.629 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



Tgt Ion:130 Resp: 79703
Ion Ratio Lower Upper
130 100
95 100.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 49.299 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 84658

Ion Ratio Lower Upper

63 100

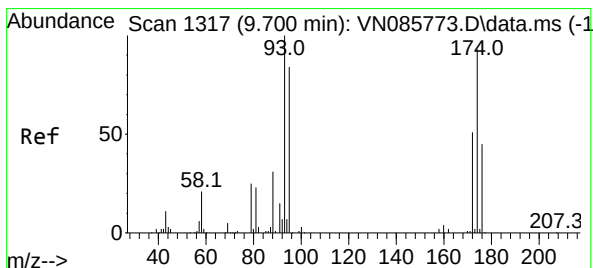
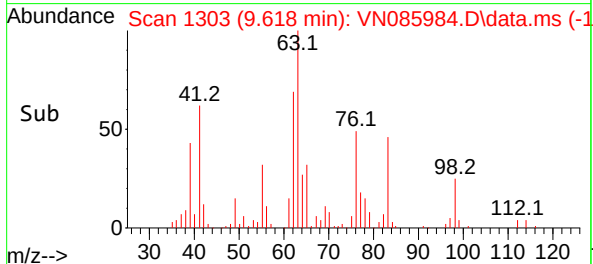
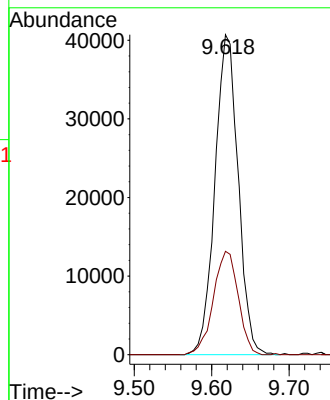
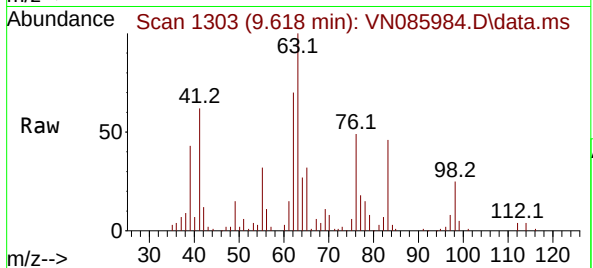
65 32.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#46

Dibromomethane

Concen: 55.071 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

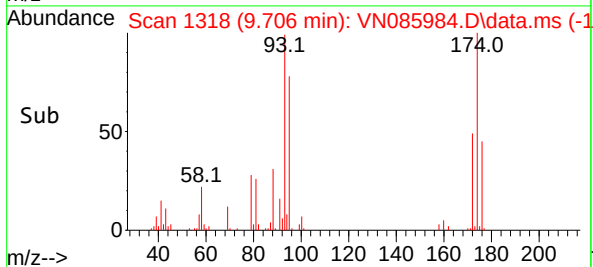
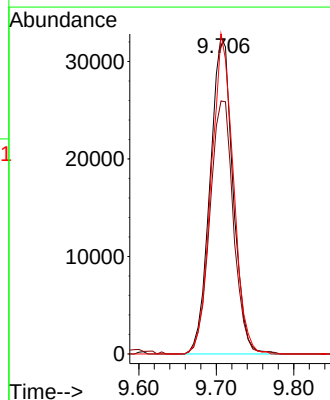
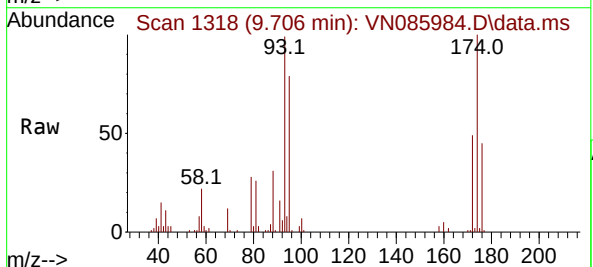
Tgt Ion: 93 Resp: 66707

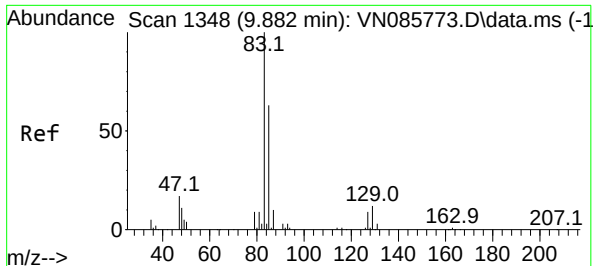
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

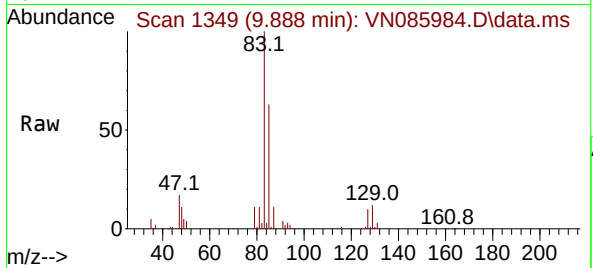
174 97.4 77.2 115.8





#47
Bromodichloromethane
Concen: 53.058 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

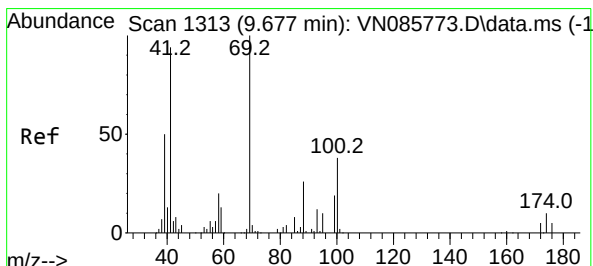
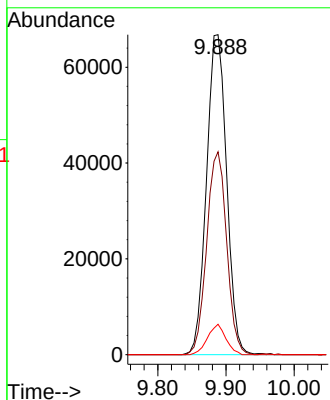
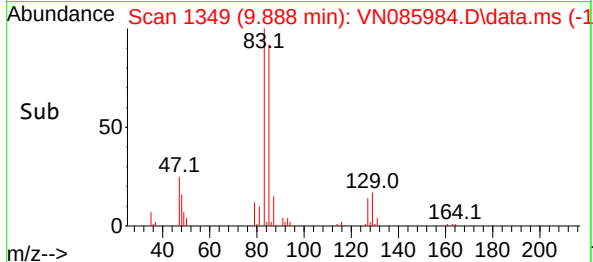
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



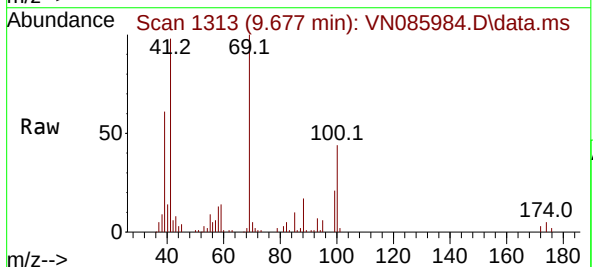
Tgt Ion: 83 Resp: 13750
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 9.5 7.2 10.8

Manual Integrations
APPROVED

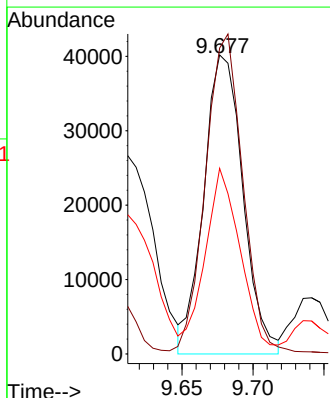
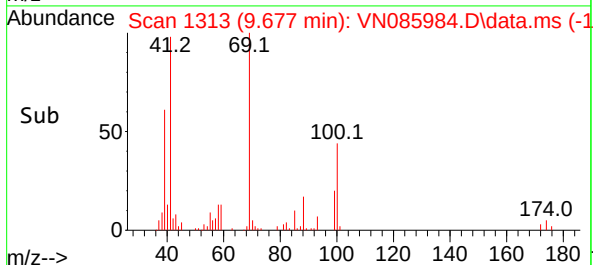
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

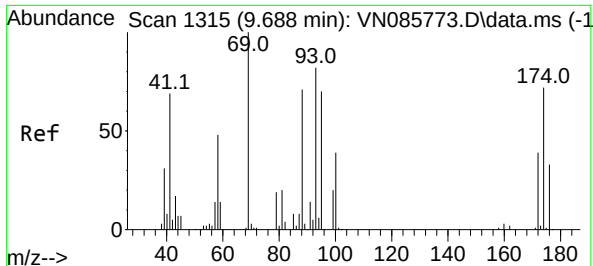


#48
Methyl methacrylate
Concen: 56.830 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



Tgt Ion: 41 Resp: 77096
Ion Ratio Lower Upper
41 100
69 103.0 76.0 114.0
39 56.9 42.3 63.5





#49

1,4-Dioxane

Concen: 1350.838 ug/l

RT: 9.694 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3484

Ion Ratio Lower Upper

88 100

43 28.3 18.6 27.8

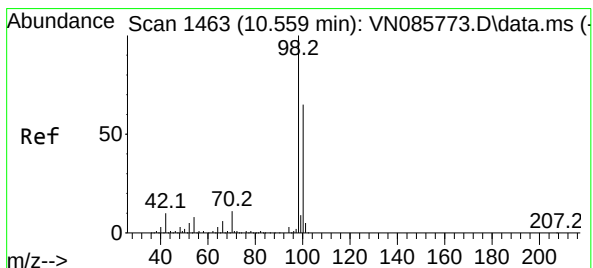
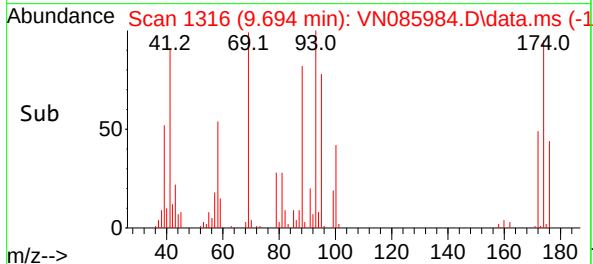
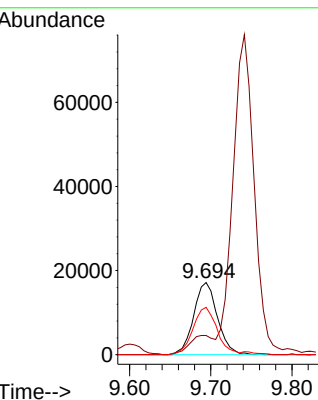
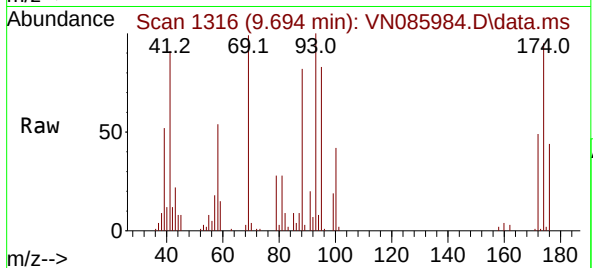
58 66.4 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#50

Toluene-d8

Concen: 39.773 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085984.D

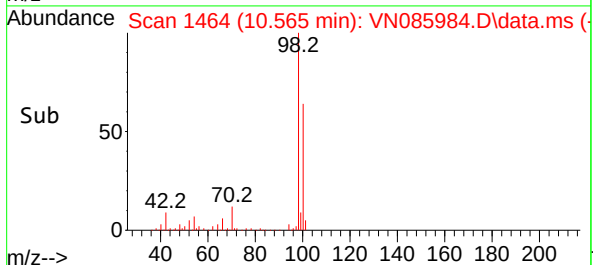
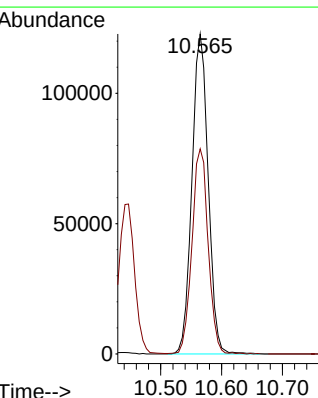
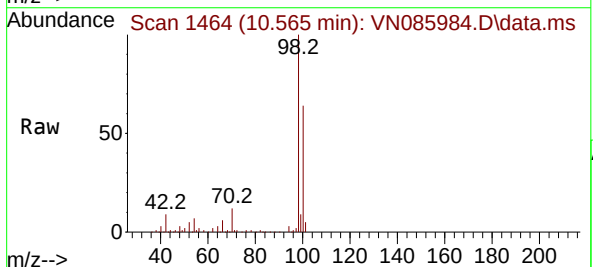
Acq: 14 Mar 2025 11:07

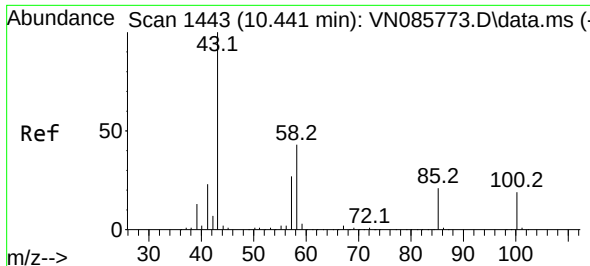
Tgt Ion: 98 Resp: 226956

Ion Ratio Lower Upper

98 100

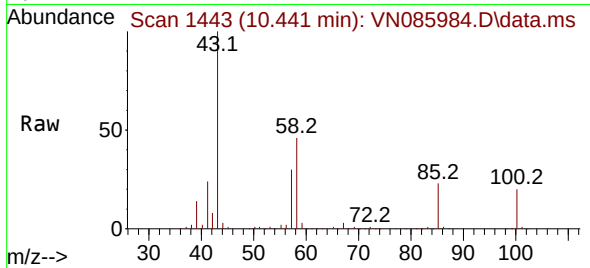
100 64.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 299.910 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

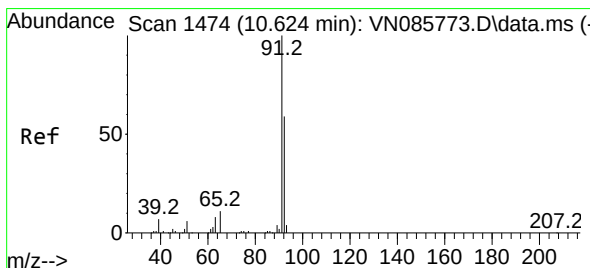
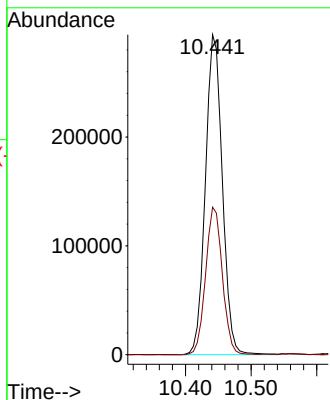
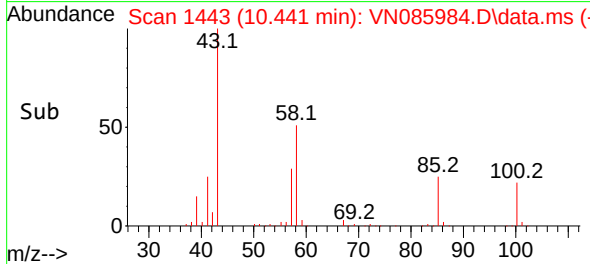
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



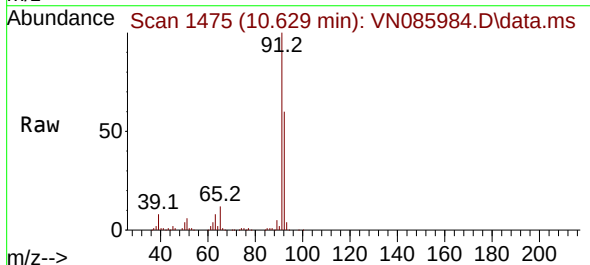
Tgt Ion: 43 Resp: 528189
Ion Ratio Lower Upper
43 100
58 45.7 34.6 52.0

Manual Integrations
APPROVED

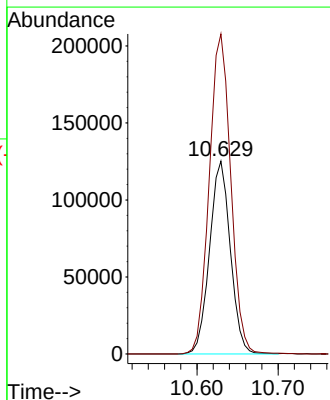
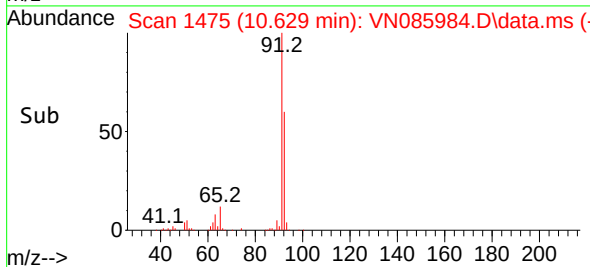
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

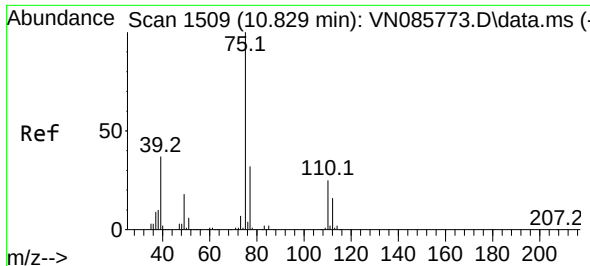


#52
Toluene
Concen: 53.407 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



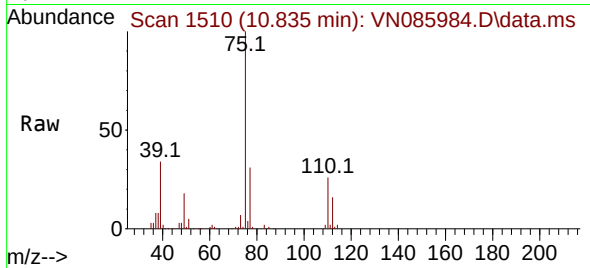
Tgt Ion: 92 Resp: 222722
Ion Ratio Lower Upper
92 100
91 171.8 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 58.126 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

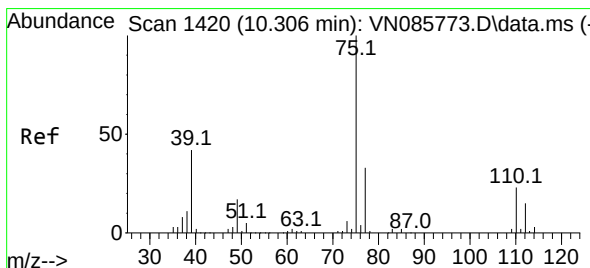
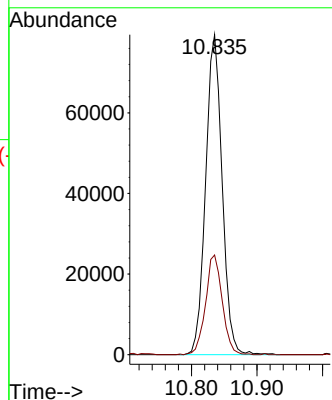
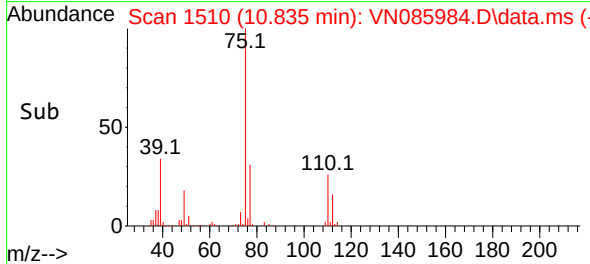
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 139288
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

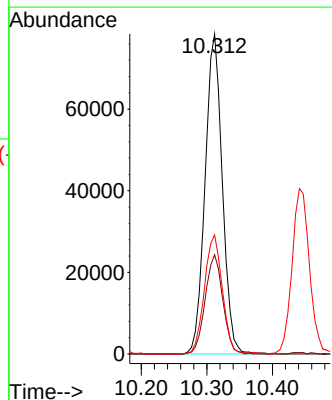
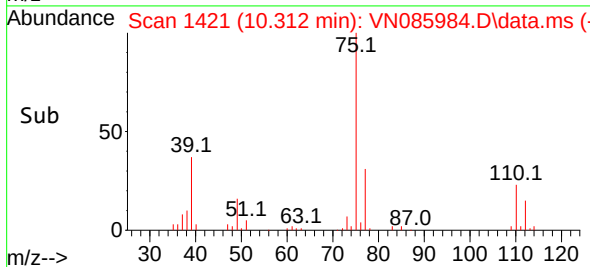
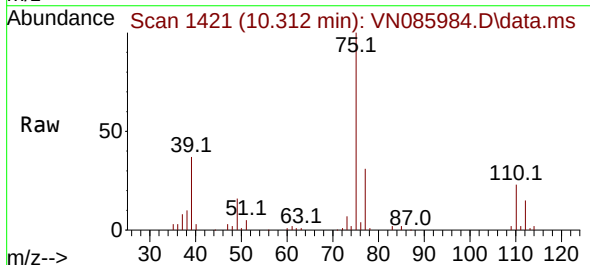
Manual Integrations
APPROVED

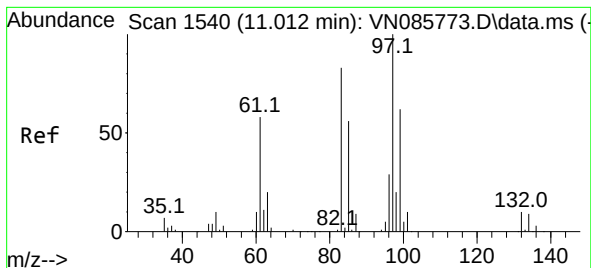
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#54
cis-1,3-Dichloropropene
Concen: 54.556 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

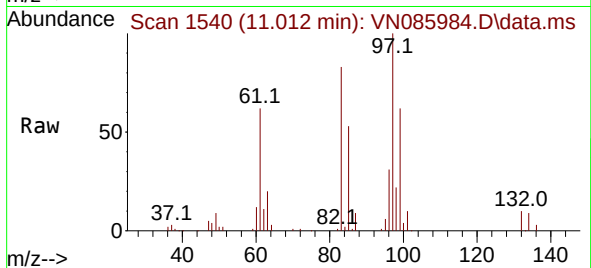
Tgt Ion: 75 Resp: 143358
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 37.2 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 54.456 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

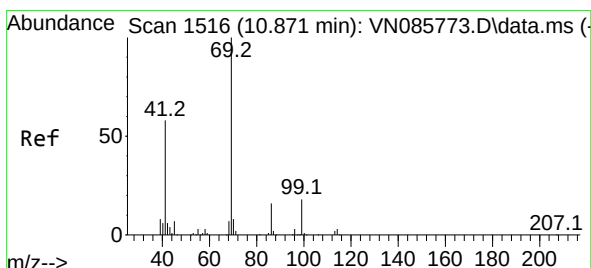
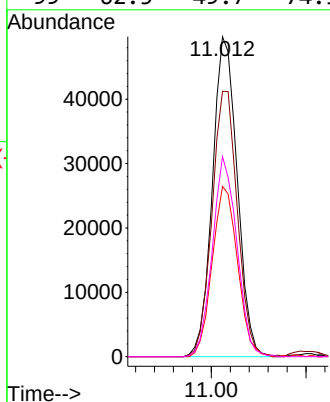
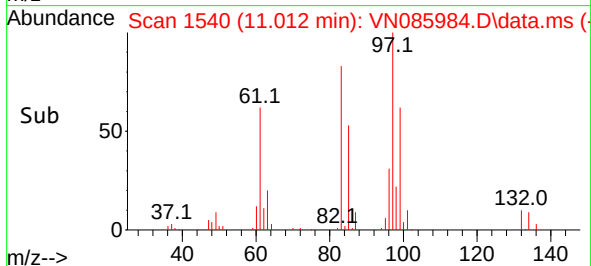
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



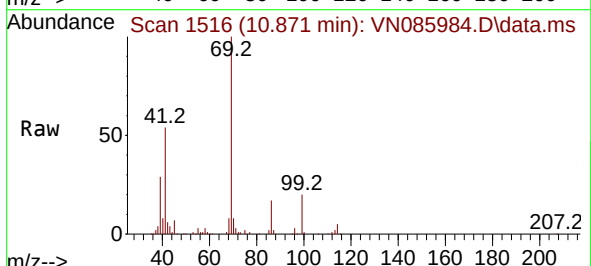
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.1	99.1
85	53.2	44.7	67.1
99	62.5	49.7	74.5

Manual Integrations
APPROVED

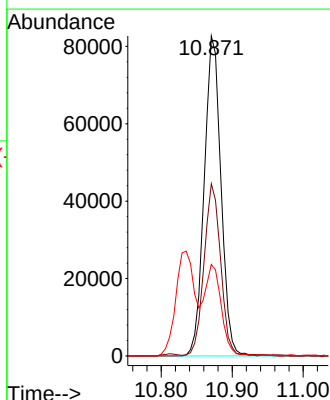
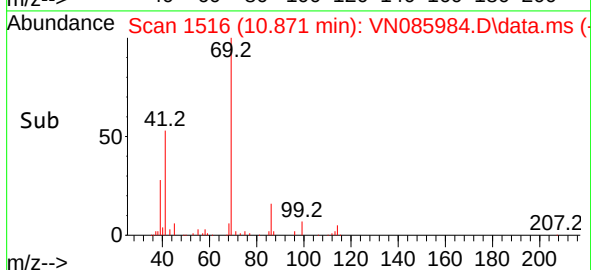
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

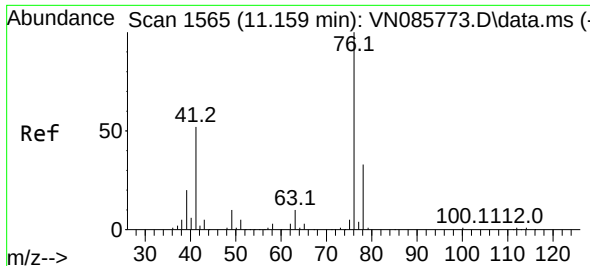


#56
Ethyl methacrylate
Concen: 56.192 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



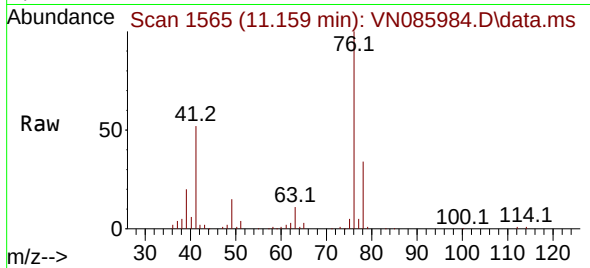
Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.4	46.0	69.0
39	28.2	22.0	33.0





#57
1,3-Dichloropropane
Concen: 54.206 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

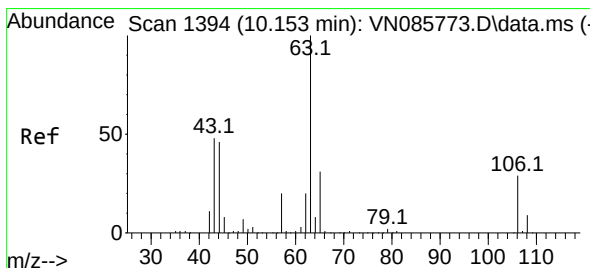
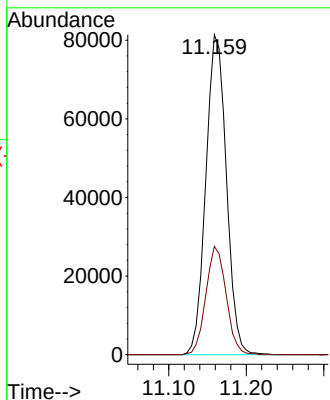
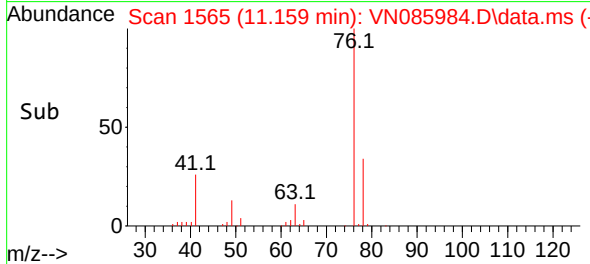
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



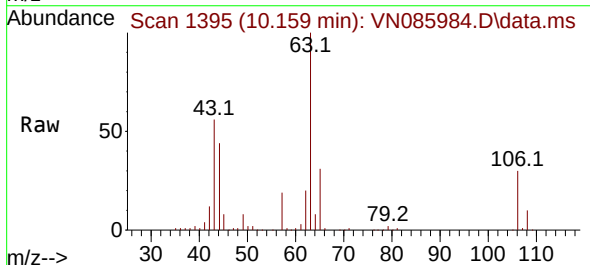
Tgt Ion: 76 Resp: 150030
Ion Ratio Lower Upper
76 100
78 33.3 25.9 38.9

Manual Integrations
APPROVED

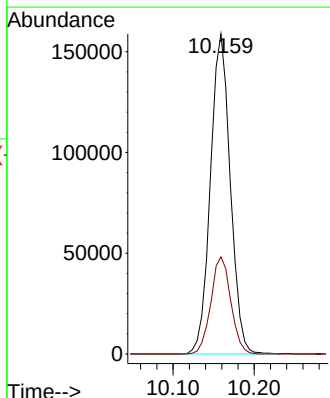
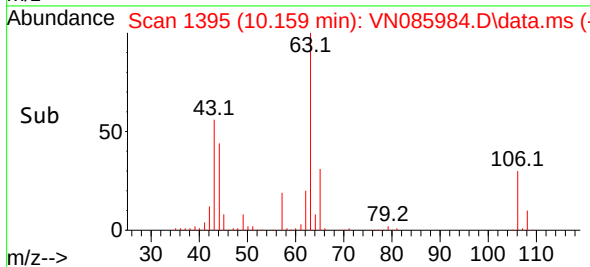
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

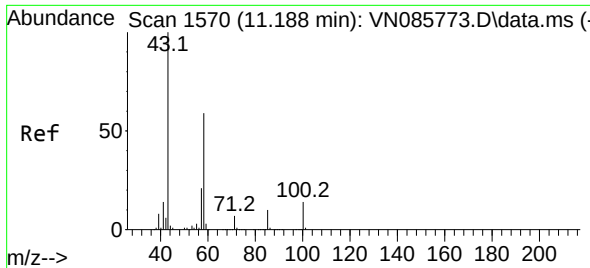


#58
2-Chloroethyl Vinyl ether
Concen: 279.514 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



Tgt Ion: 63 Resp: 269818
Ion Ratio Lower Upper
63 100
106 30.4 22.7 34.1





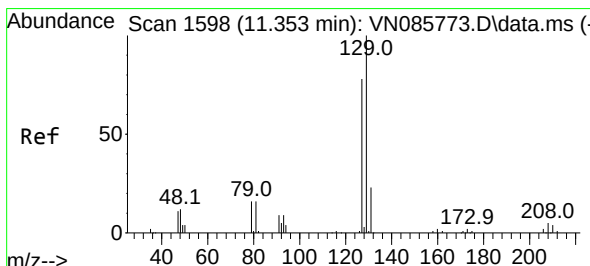
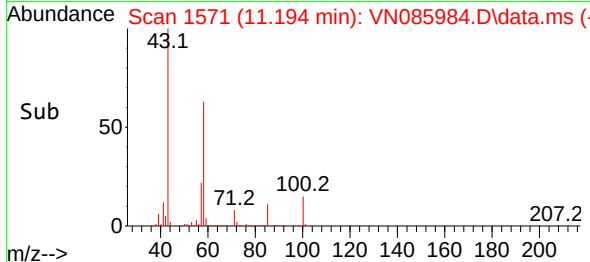
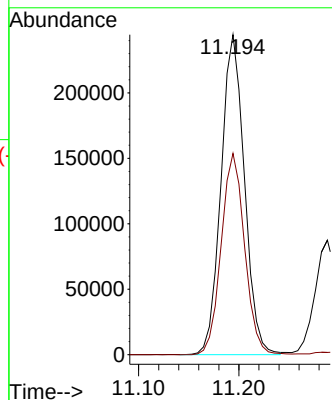
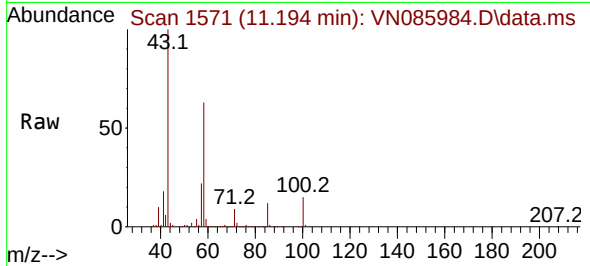
#59
2-Hexanone
Concen: 327.357 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 396619
Ion Ratio Lower Upper
43 100
58 62.8 29.8 89.5

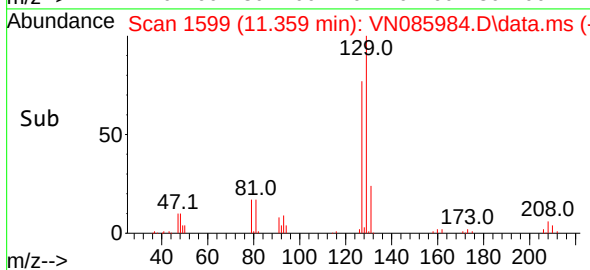
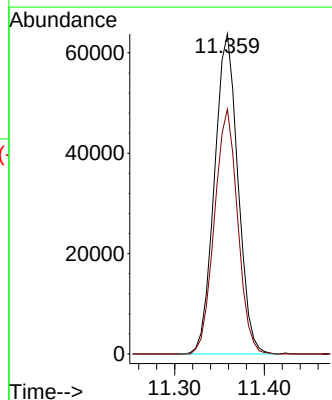
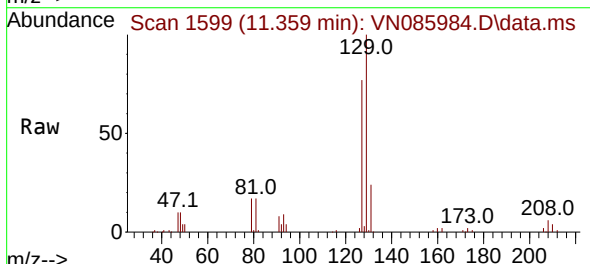
Manual Integrations
APPROVED

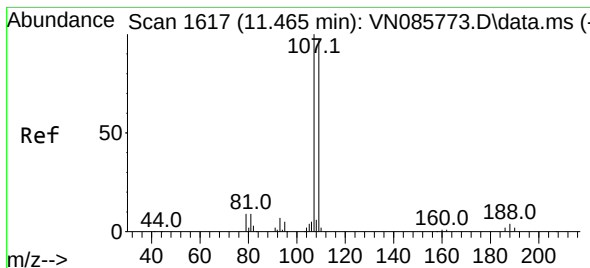
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
Dibromochloromethane
Concen: 60.055 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion:129 Resp: 115950
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.5





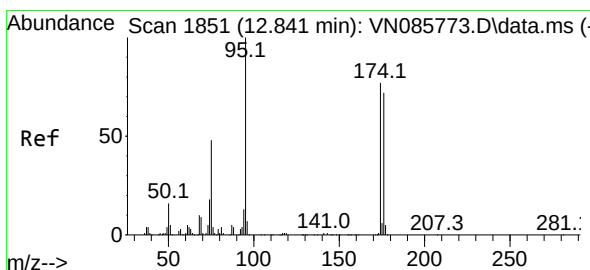
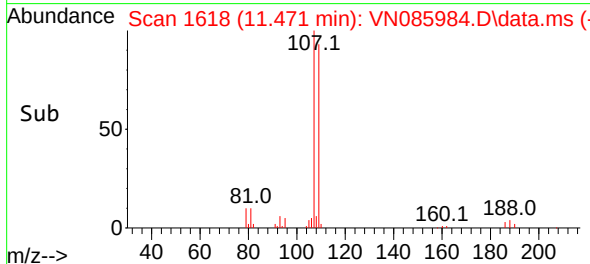
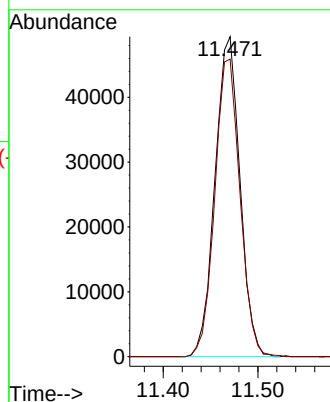
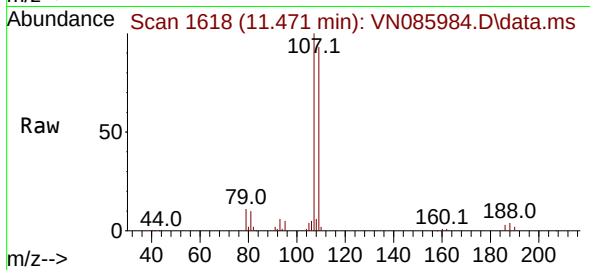
#61
1,2-Dibromoethane
Concen: 57.679 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 9036
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

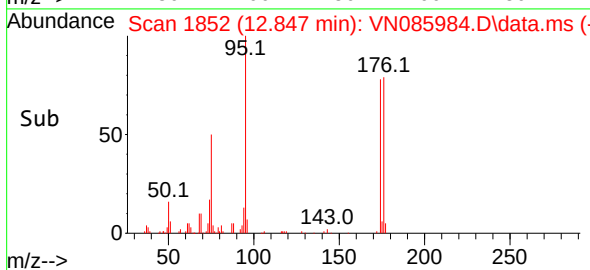
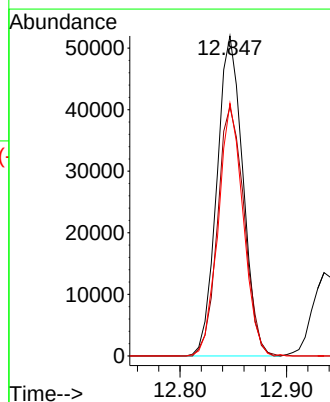
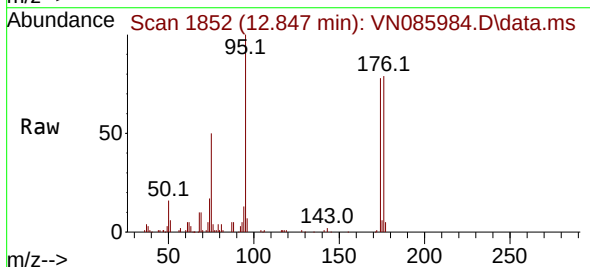
Manual Integrations
APPROVED

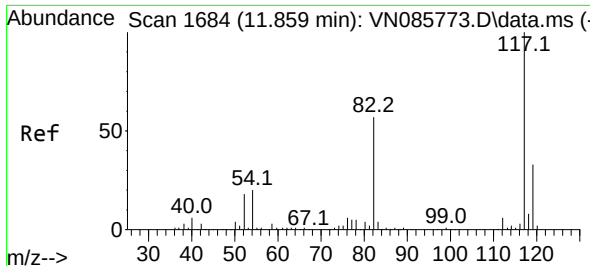
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
4-Bromofluorobenzene
Concen: 46.734 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

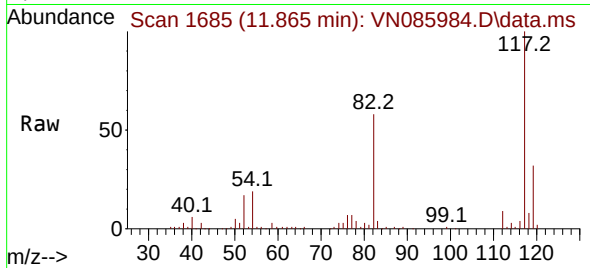
Tgt Ion: 95 Resp: 87863
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.4
176 75.8 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

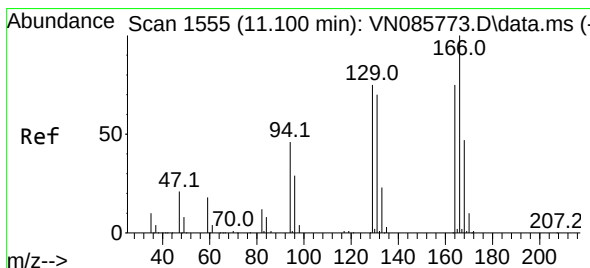
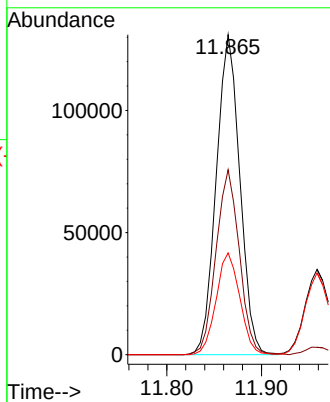
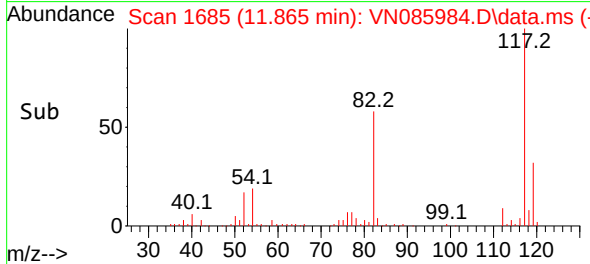
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 227188
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 31.8 26.2 39.2

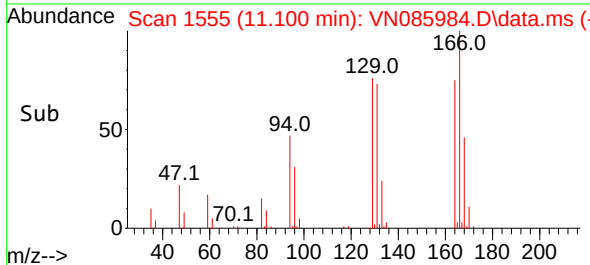
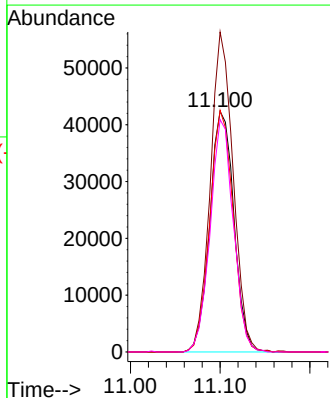
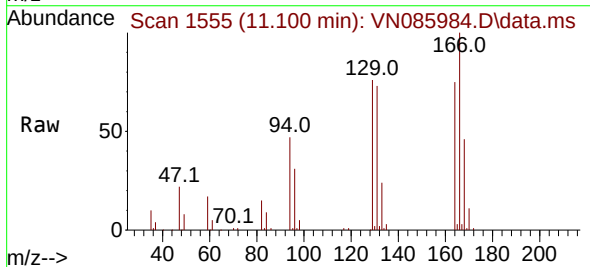
Manual Integrations
APPROVED

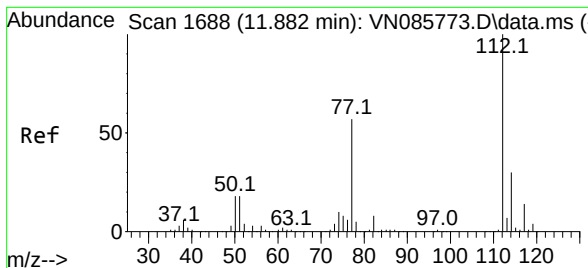
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Tetrachloroethene
Concen: 44.944 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

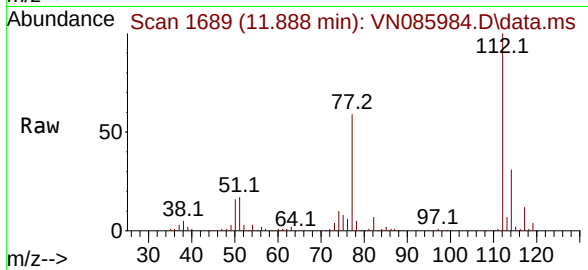
Tgt Ion:164 Resp: 79102
Ion Ratio Lower Upper
164 100
166 133.0 107.2 160.8
129 100.5 80.7 121.1
131 96.5 74.6 112.0





#65
Chlorobenzene
Concen: 47.506 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

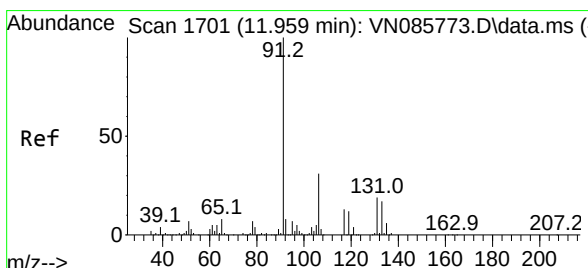
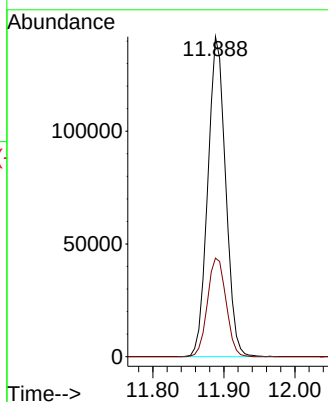
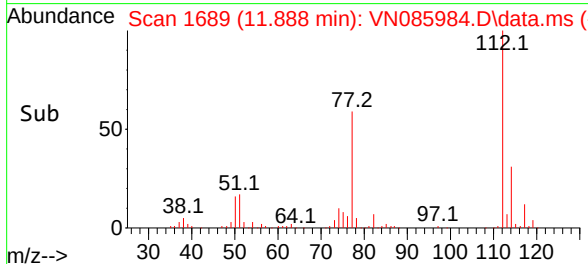
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



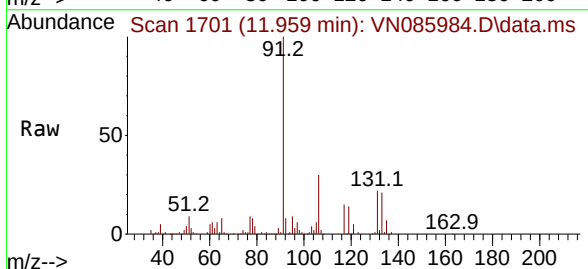
Tgt Ion:112 Resp: 24724
Ion Ratio Lower Upper
112 100
114 30.8 24.3 36.5

Manual Integrations
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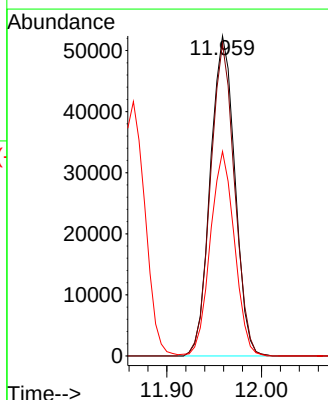
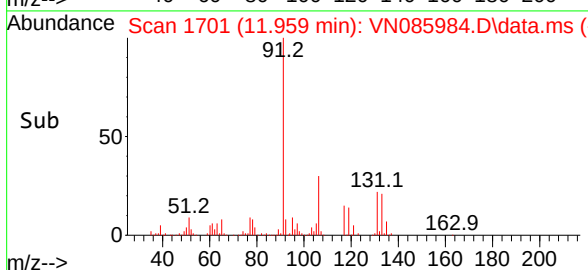
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

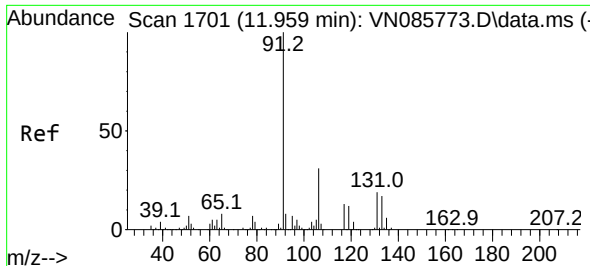


#66
1,1,1,2-Tetrachloroethane
Concen: 50.311 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



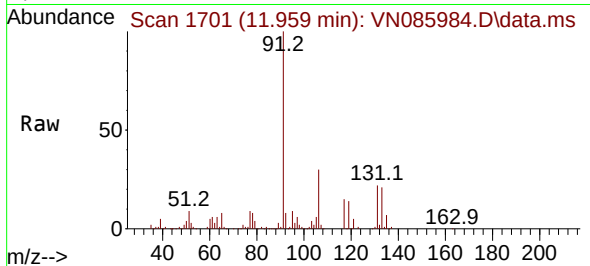
Tgt Ion:131 Resp: 94116
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 63.2 33.3 99.8





#67
Ethyl Benzene
Concen: 50.800 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

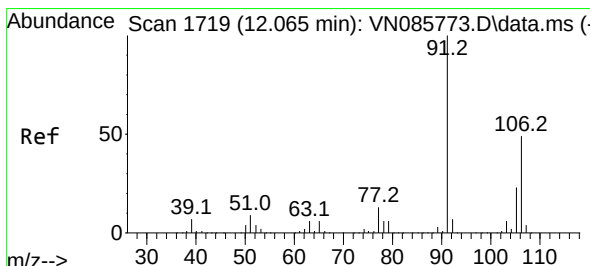
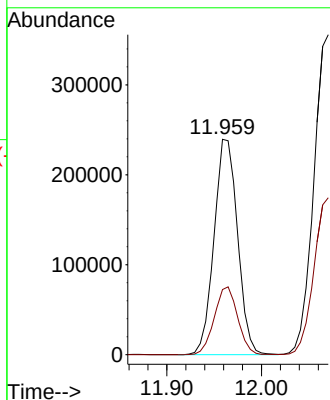
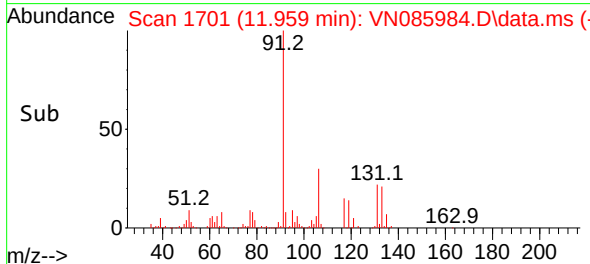
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



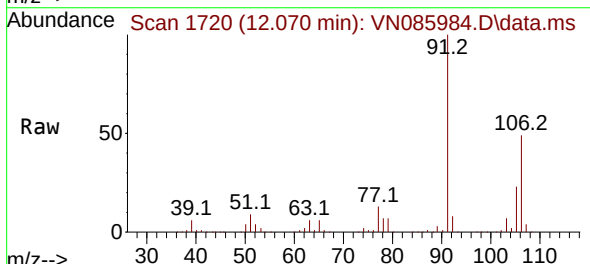
Tgt Ion: 91 Resp: 414158
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

Manual Integrations
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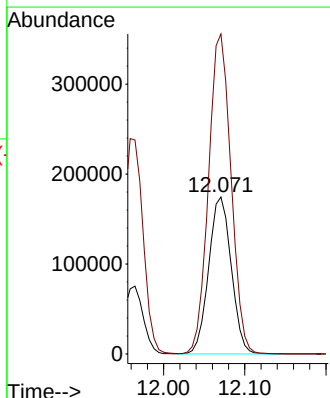
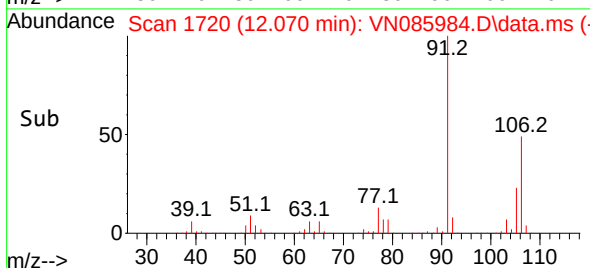
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

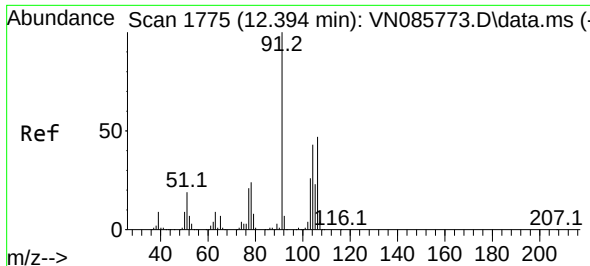


#68
m/p-Xylenes
Concen: 108.890 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



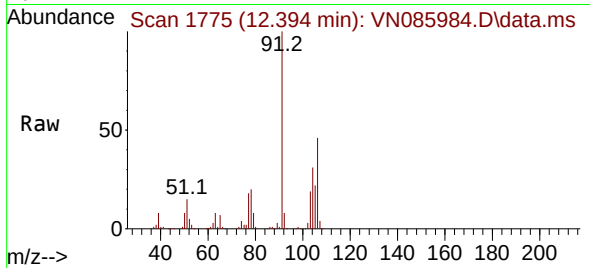
Tgt Ion:106 Resp: 337208
Ion Ratio Lower Upper
106 100
91 203.2 163.3 244.9





#69
o-Xylene
Concen: 54.138 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

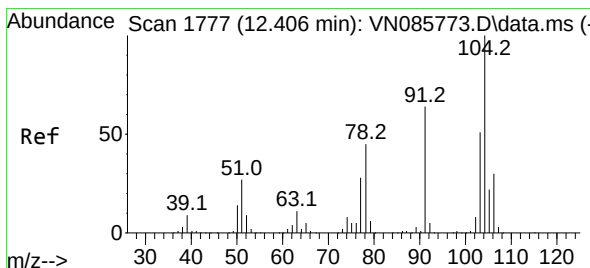
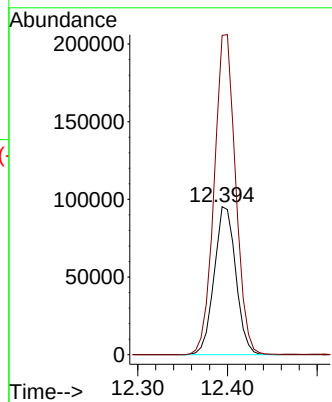
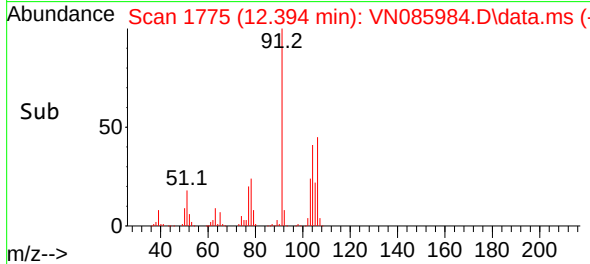
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 159312
Ion Ratio Lower Upper
106 100
91 215.0 107.1 321.4

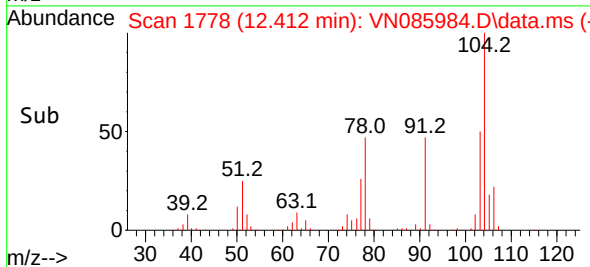
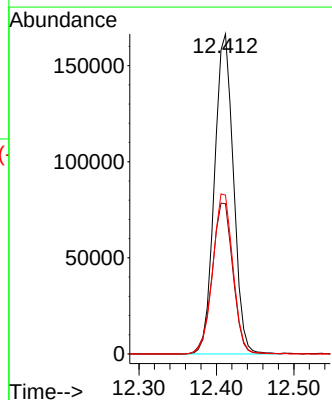
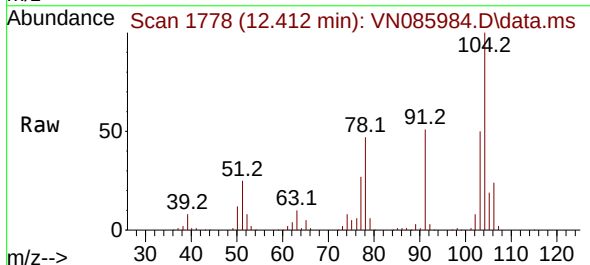
Manual Integrations
APPROVED

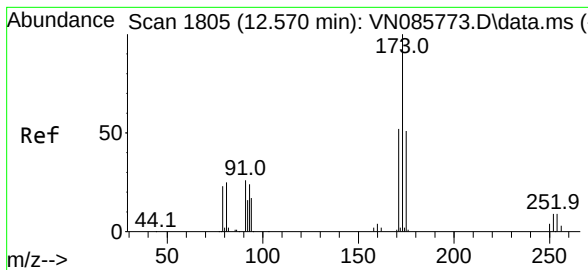
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#70
Styrene
Concen: 51.748 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion:104 Resp: 284431
Ion Ratio Lower Upper
104 100
78 51.3 39.0 58.6
103 53.1 43.3 64.9





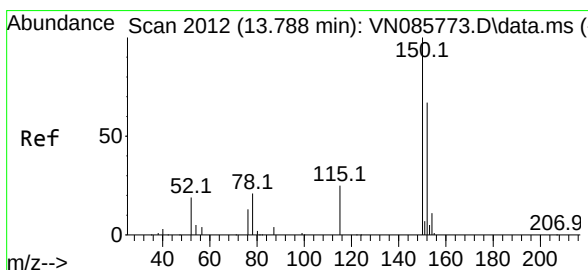
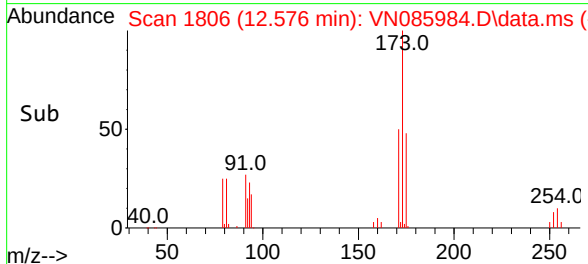
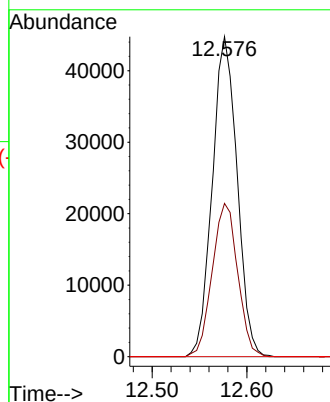
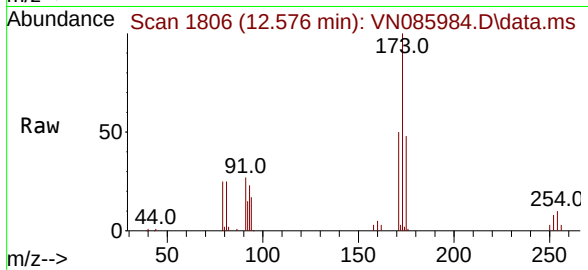
#71
Bromoform
Concen: 58.599 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 81454
Ion Ratio Lower Upper
173 100
175 49.2 25.1 75.4
254 0.0 0.0 0.0

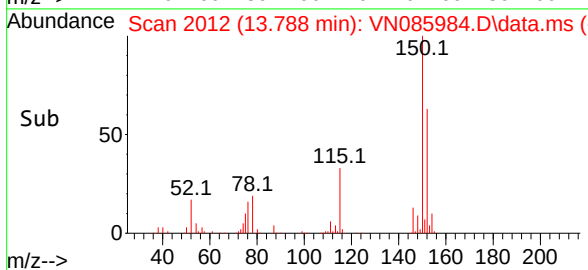
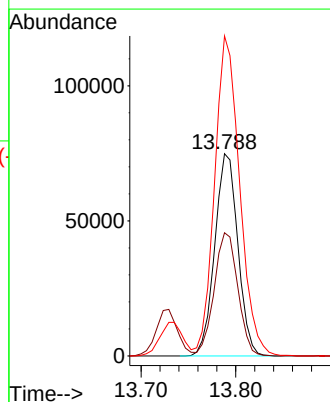
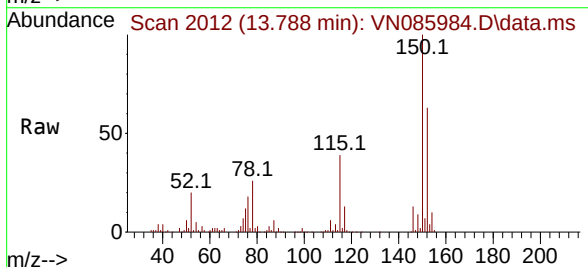
Manual Integrations
APPROVED

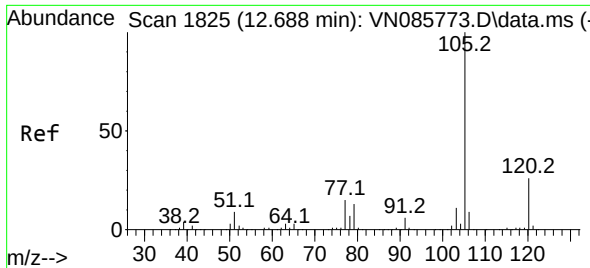
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion:152 Resp: 126794
Ion Ratio Lower Upper
152 100
115 62.3 30.4 91.3
150 171.9 0.0 345.4





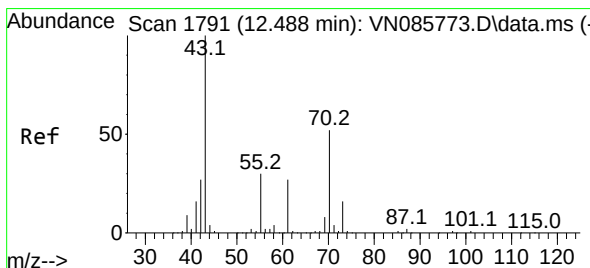
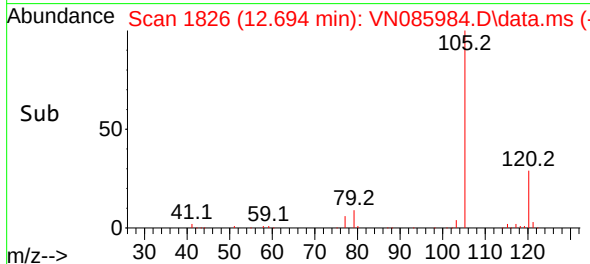
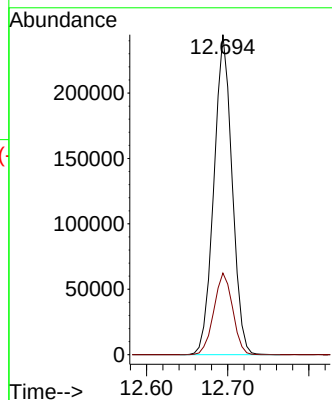
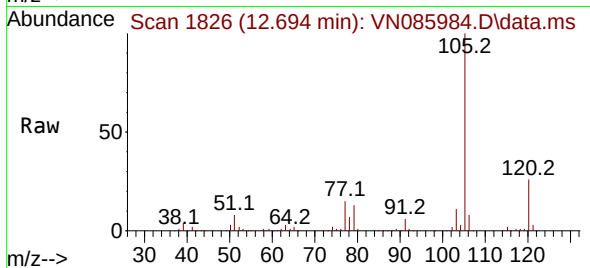
#73
Isopropylbenzene
Concen: 43.904 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 381374
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

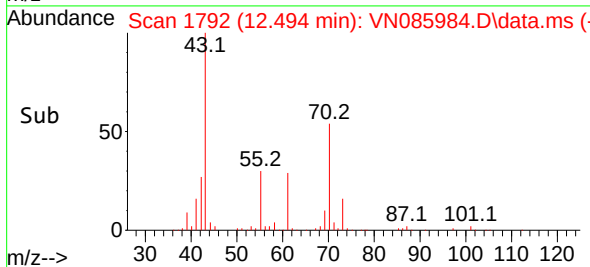
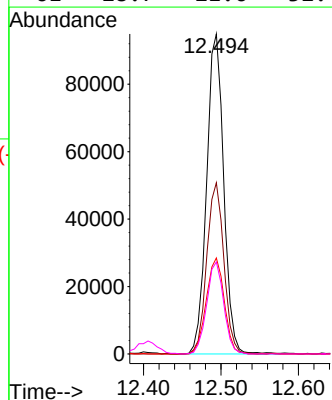
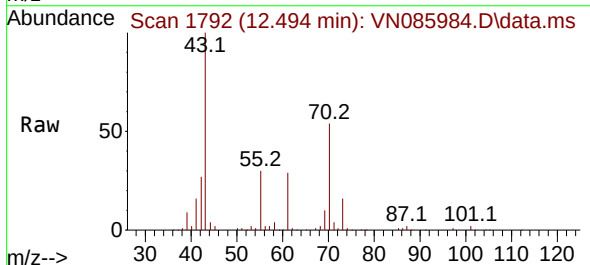
Manual Integrations
APPROVED

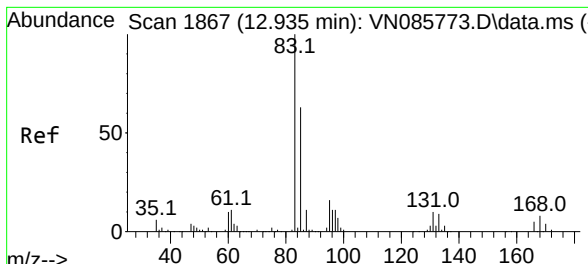
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#74
N-ethyl acetate
Concen: 47.411 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

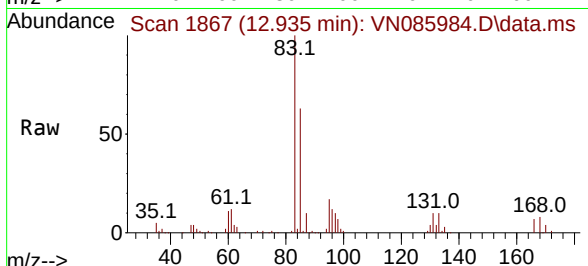
Tgt Ion: 43 Resp: 145232
Ion Ratio Lower Upper
43 100
70 53.6 41.0 61.4
55 31.5 24.6 36.8
61 28.7 21.6 32.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.736 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

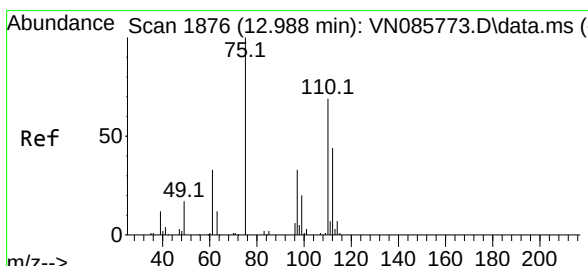
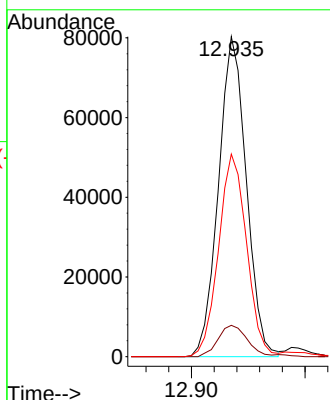
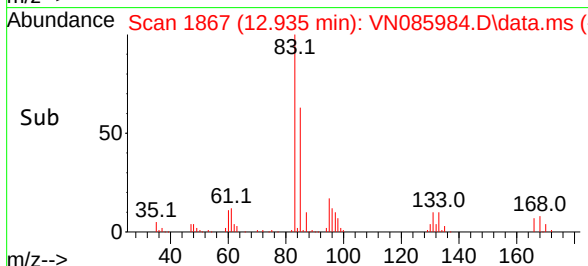
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



Tgt Ion: 83 Resp: 136711
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 15.0
 85 63.7 32.2 96.6

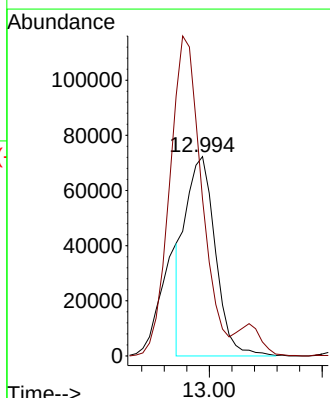
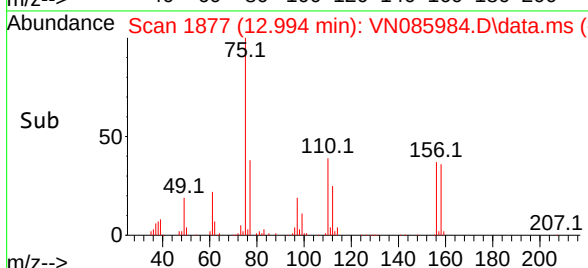
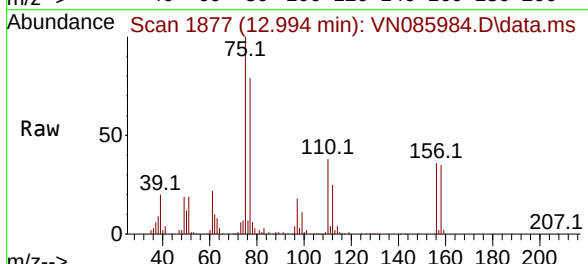
Manual Integrations
 APPROVED

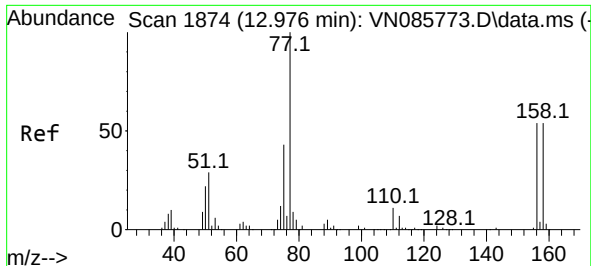
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#76
 1,2,3-Trichloropropane
 Concen: 47.577 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

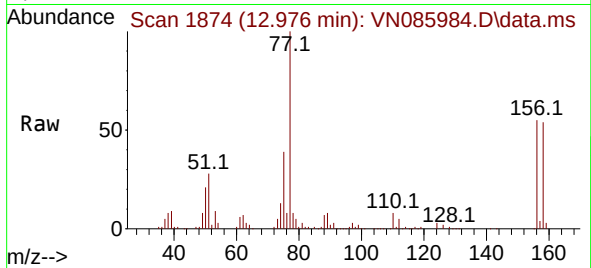
Tgt Ion: 75 Resp: 134001
 Ion Ratio Lower Upper
 75 100
 77 170.7 100.0 300.0





#77
Bromobenzene
Concen: 46.881 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

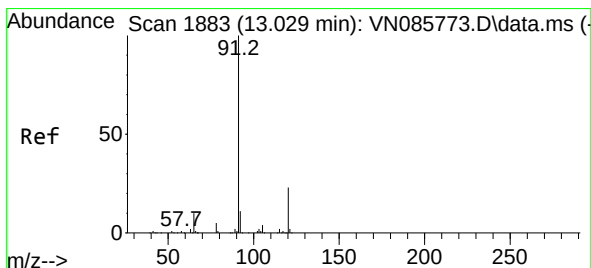
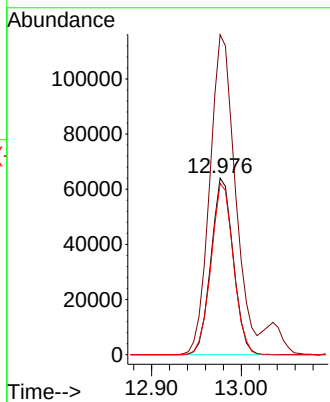
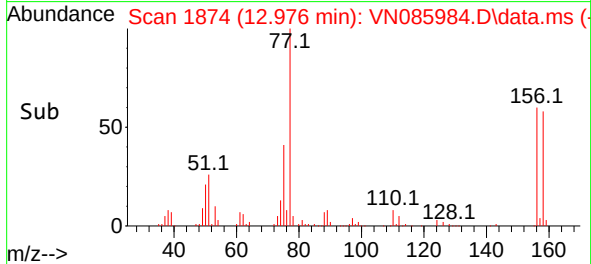
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 11002
Ion Ratio Lower Upper
156 100
77 207.9 104.1 312.3
158 97.5 48.1 144.4

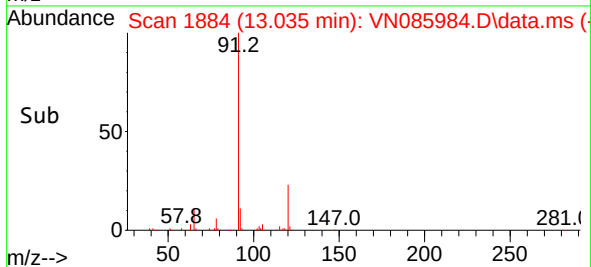
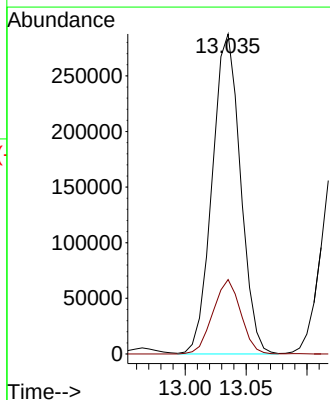
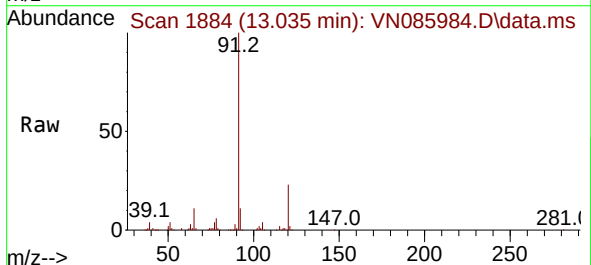
Manual Integrations
APPROVED

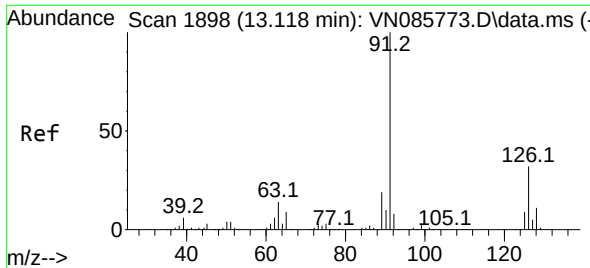
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#78
n-propylbenzene
Concen: 46.663 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion: 91 Resp: 464216
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8





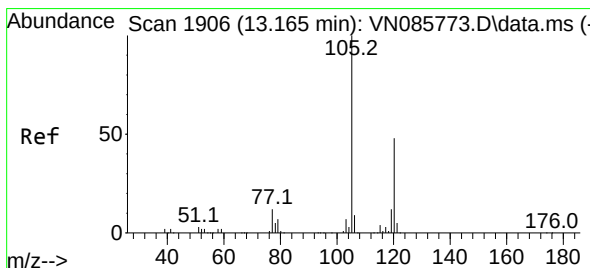
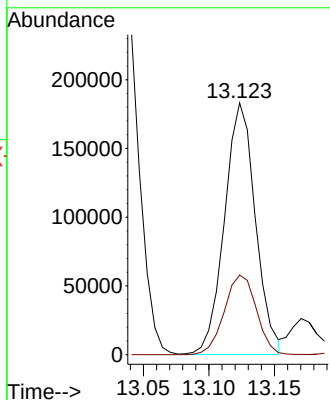
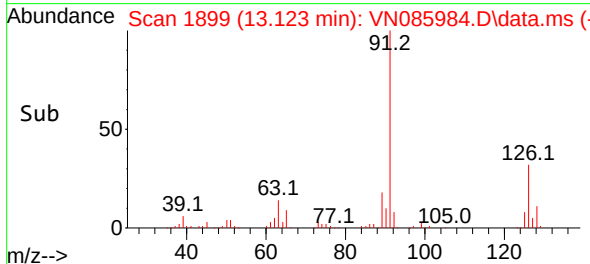
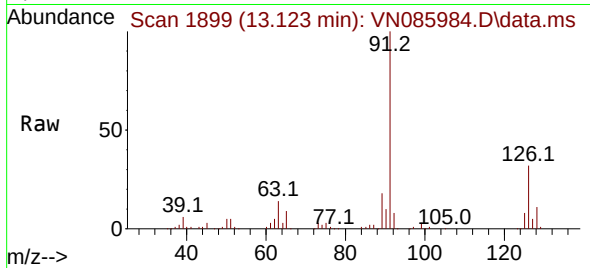
#79
2-Chlorotoluene
Concen: 45.270 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 300904
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

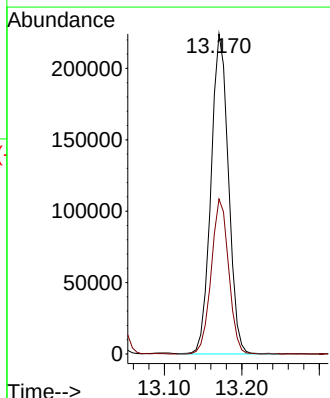
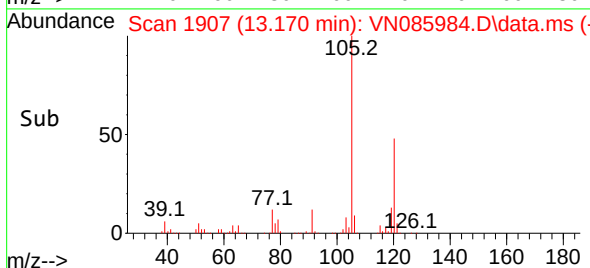
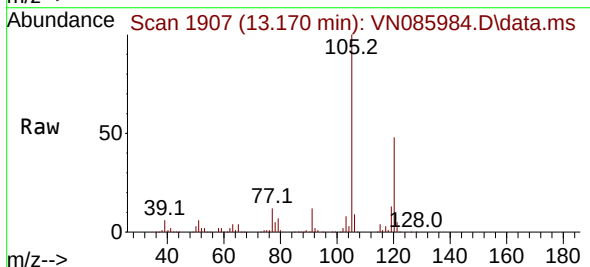
Manual Integrations
APPROVED

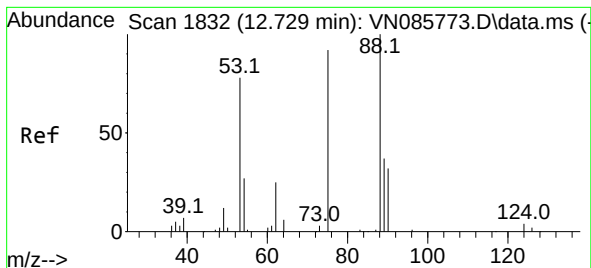
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.580 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion:105 Resp: 350833
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





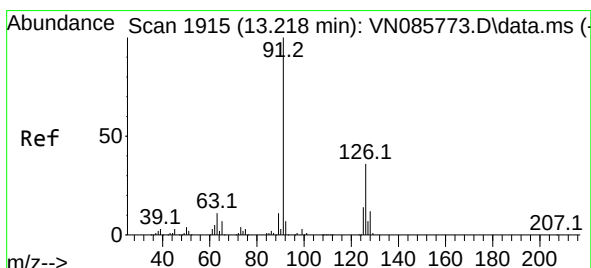
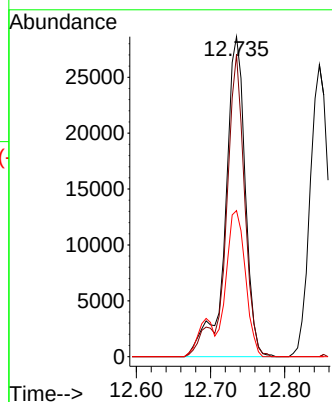
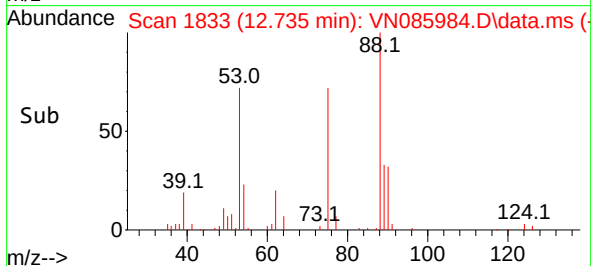
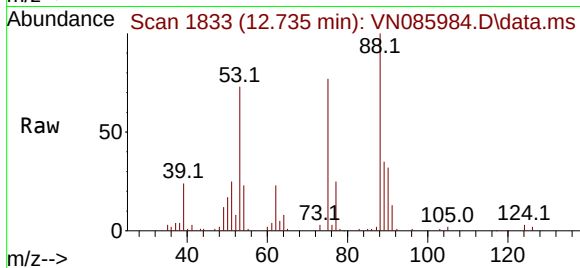
#81
trans-1,4-Dichloro-2-butene
Concen: 55.375 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 53454
Ion Ratio Lower Upper
75 100
53 88.2 74.2 111.4
89 43.9 34.9 52.3

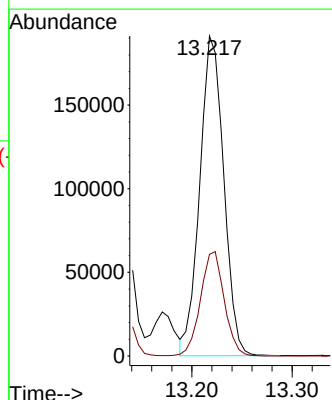
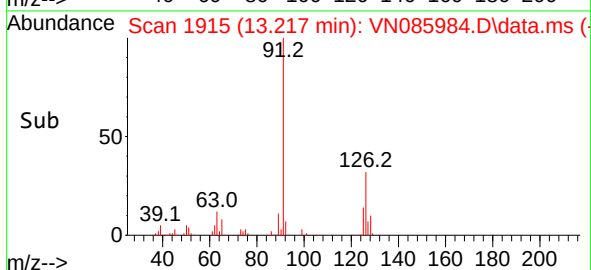
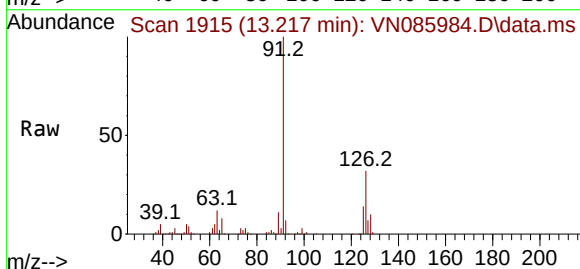
Manual Integrations
APPROVED

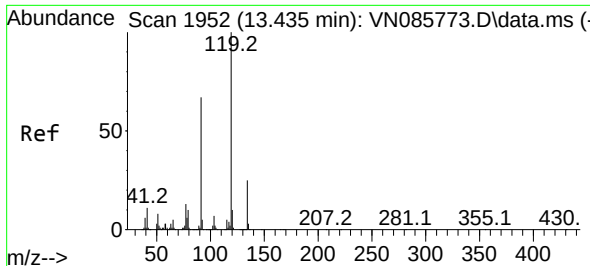
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#82
4-Chlorotoluene
Concen: 48.258 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

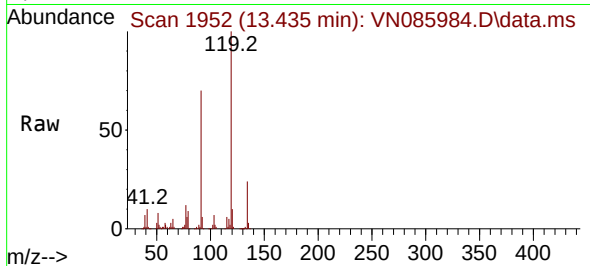
Tgt Ion: 91 Resp: 317990
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 47.953 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

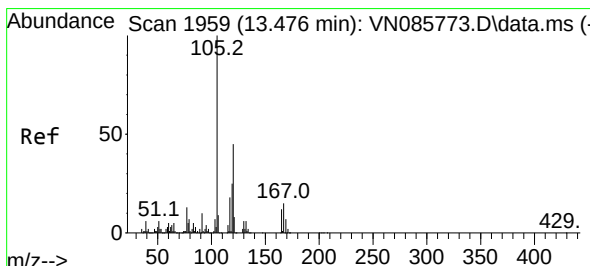
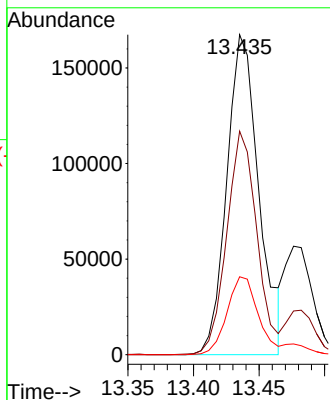
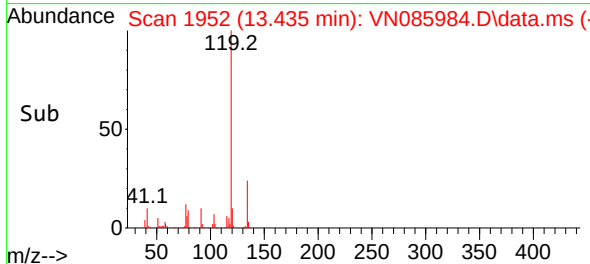
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



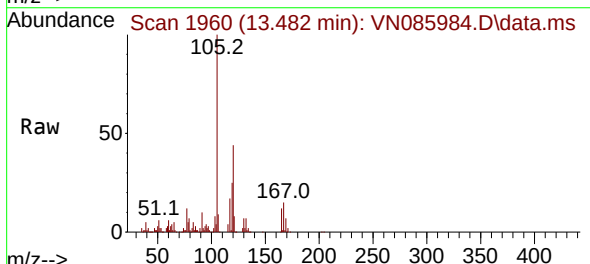
Tgt Ion:119 Resp: 285337
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.5 97.5
 134 26.1 13.3 39.9

Manual Integrations
 APPROVED

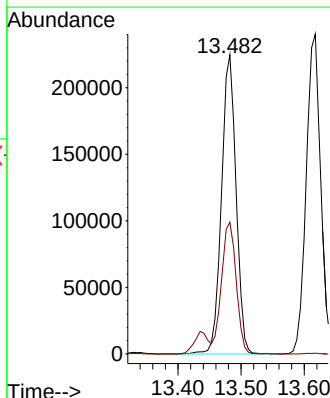
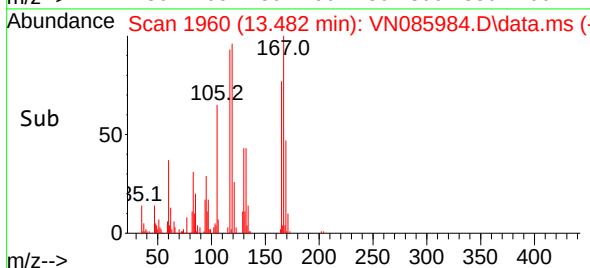
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

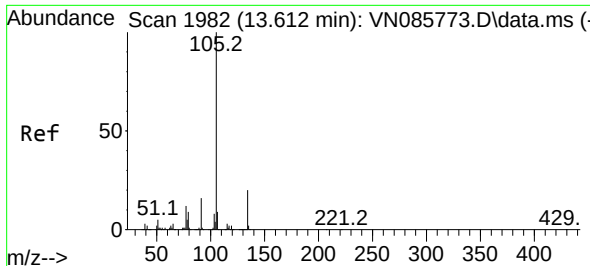


#84
 1,2,4-Trimethylbenzene
 Concen: 51.504 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07



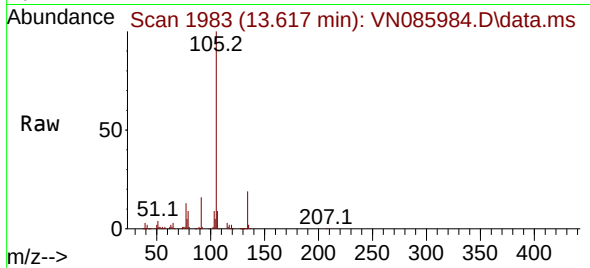
Tgt Ion:105 Resp: 360571
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 45.426 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

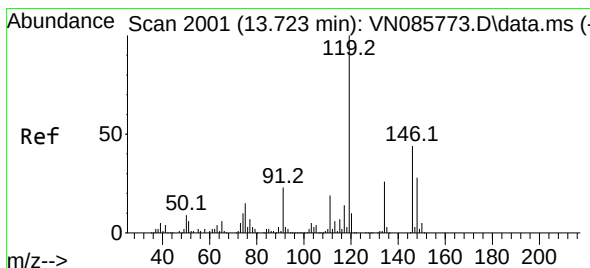
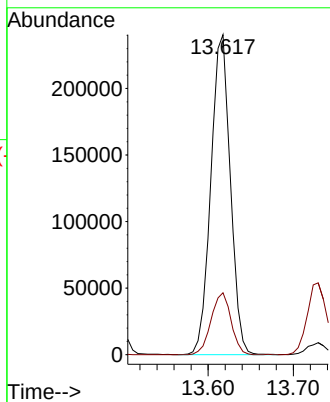
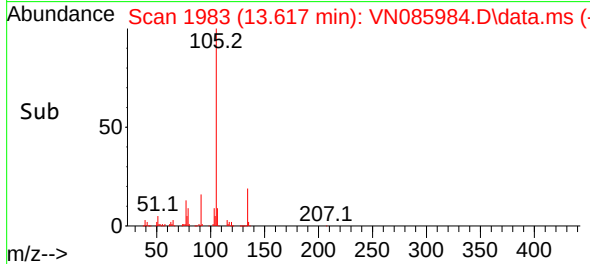
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 381910
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

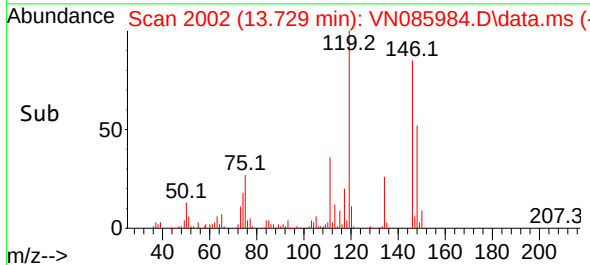
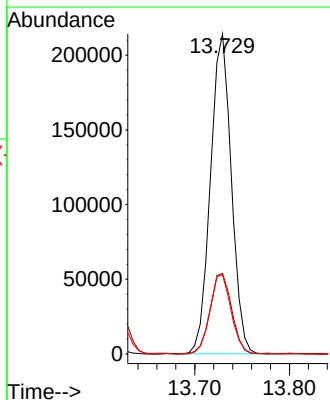
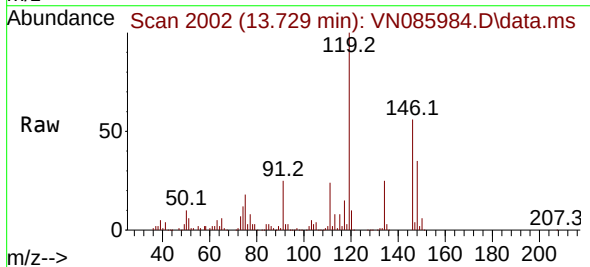
Manual Integrations
 APPROVED

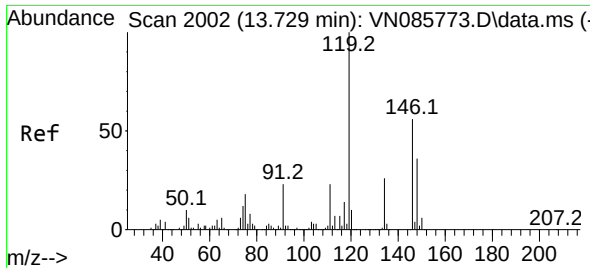
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#86
 p-Isopropyltoluene
 Concen: 43.048 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085984.D
 Acq: 14 Mar 2025 11:07

Tgt Ion:119 Resp: 327286
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.4 11.7 35.1





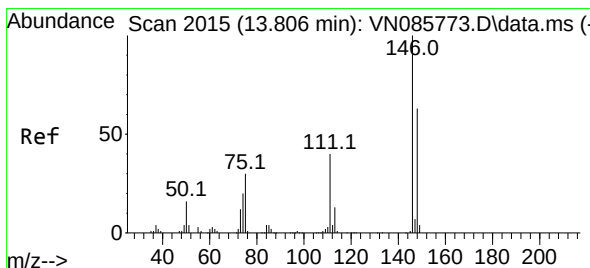
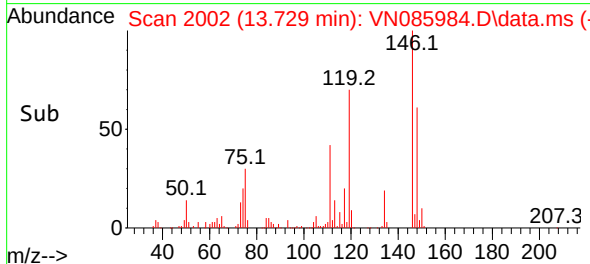
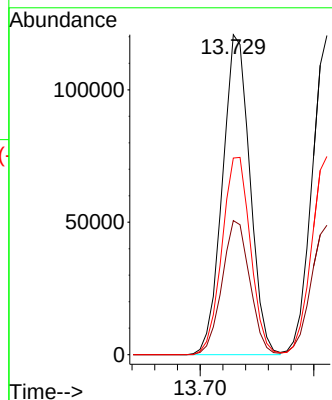
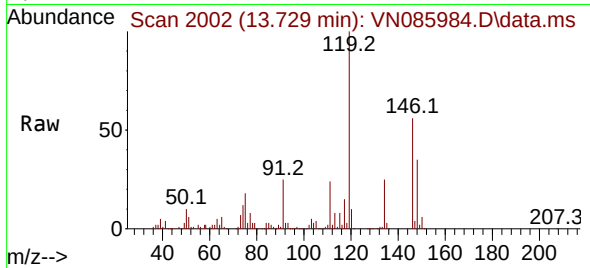
#87
1,3-Dichlorobenzene
Concen: 46.109 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 202738
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.9 32.1 96.5

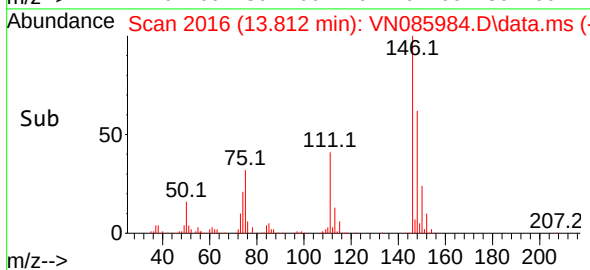
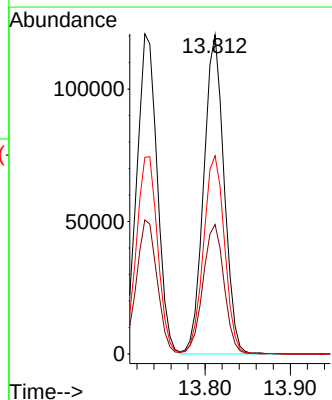
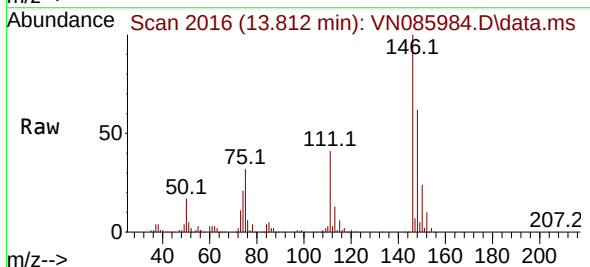
Manual Integrations
APPROVED

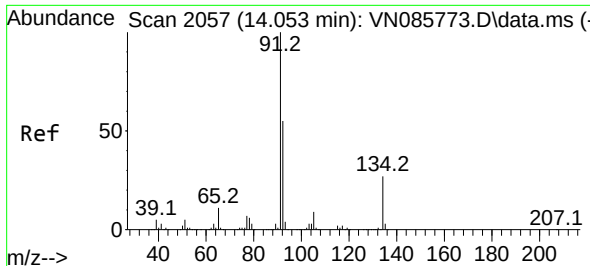
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#88
1,4-Dichlorobenzene
Concen: 44.370 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion:146 Resp: 199957
Ion Ratio Lower Upper
146 100
111 42.2 20.4 61.3
148 64.1 31.8 95.4





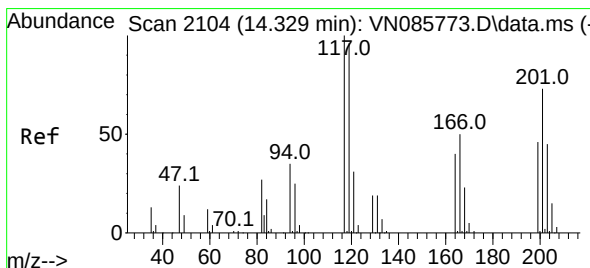
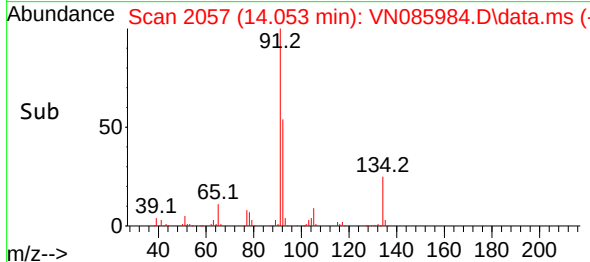
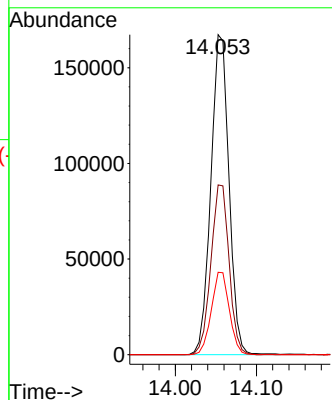
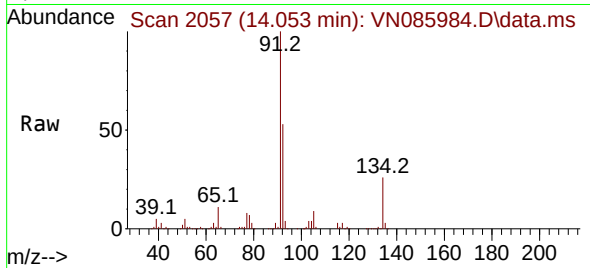
#89
n-Butylbenzene
Concen: 43.358 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 258809
Ion Ratio Lower Upper
91 100
92 53.2 27.1 81.3
134 25.6 12.7 38.1

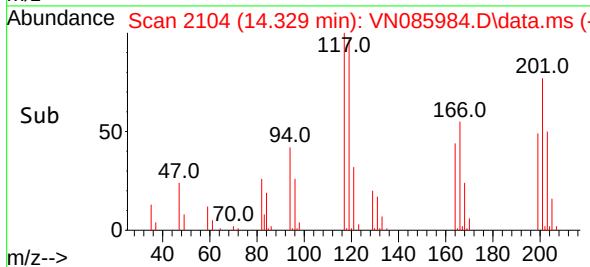
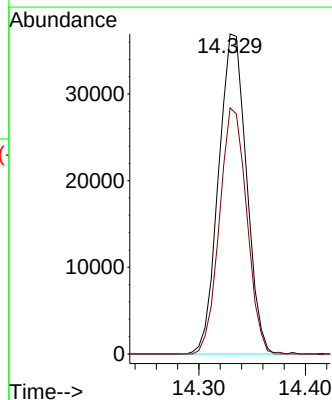
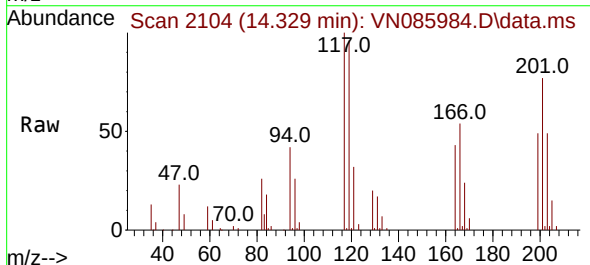
Manual Integrations
APPROVED

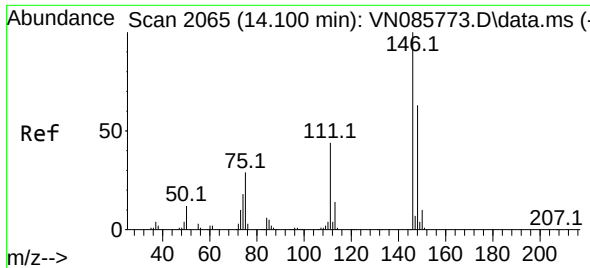
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#90
Hexachloroethane
Concen: 42.071 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion:117 Resp: 66986
Ion Ratio Lower Upper
117 100
201 75.4 35.6 106.9





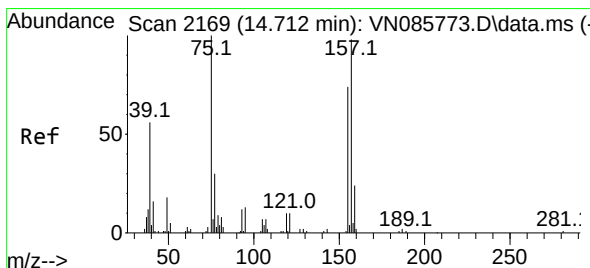
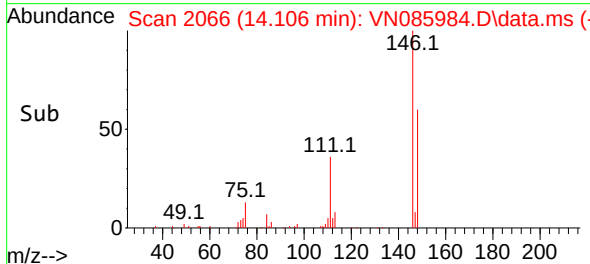
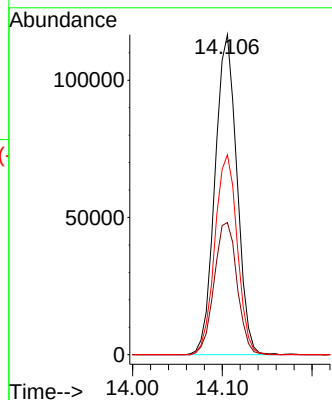
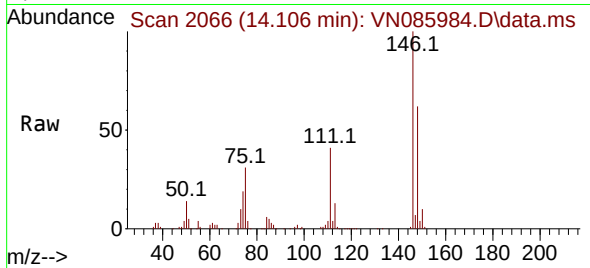
#91
1,2-Dichlorobenzene
Concen: 46.766 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 197730
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 64.0 32.0 96.2

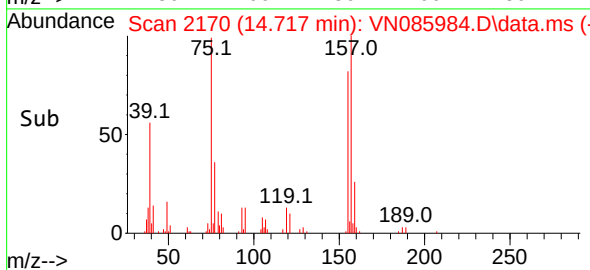
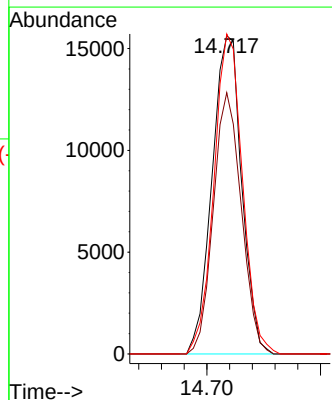
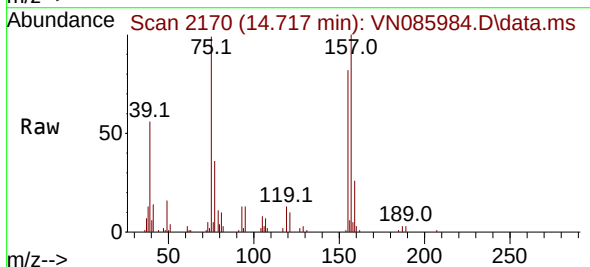
Manual Integrations
APPROVED

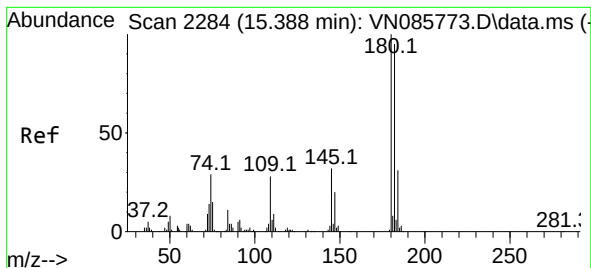
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.629 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

Tgt Ion: 75 Resp: 28339
Ion Ratio Lower Upper
75 100
155 77.6 39.9 119.6
157 96.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.576 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

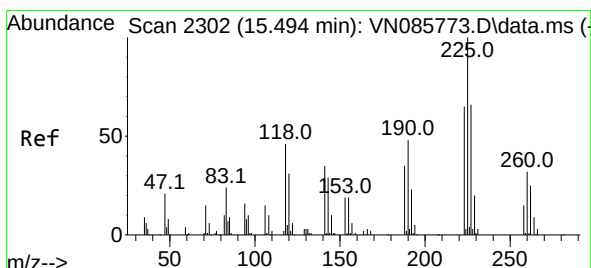
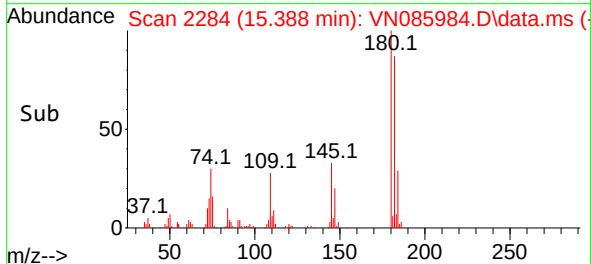
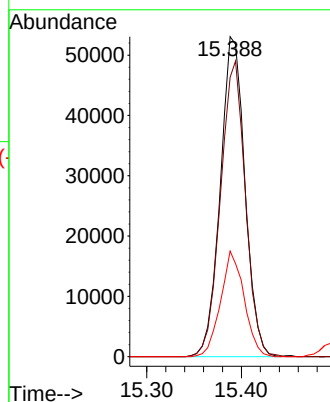
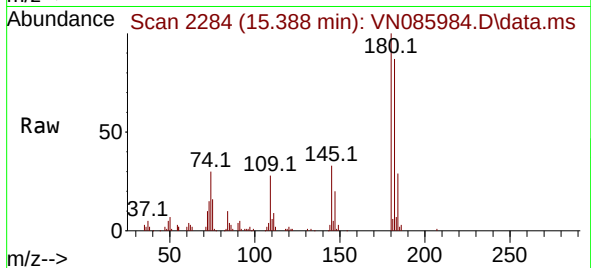
Tgt Ion:180	Resp:	9585
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.3 141.9
145	31.6	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#94

Hexachlorobutadiene

Concen: 39.725 ug/l

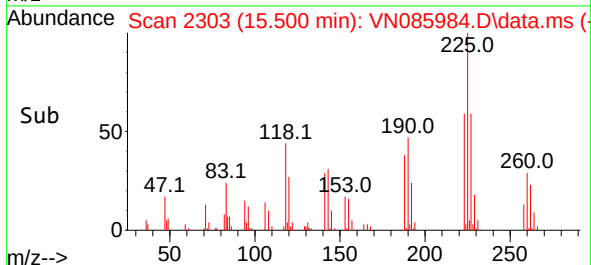
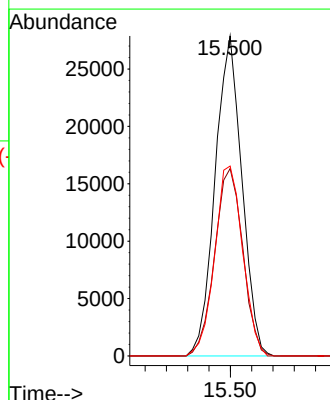
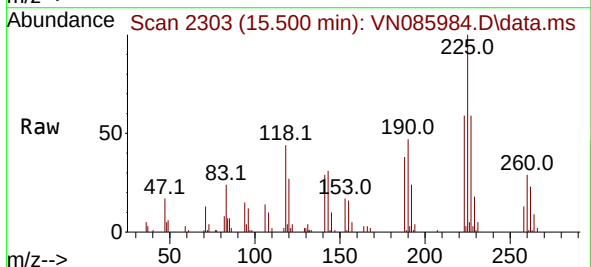
RT: 15.500 min Scan# 2303

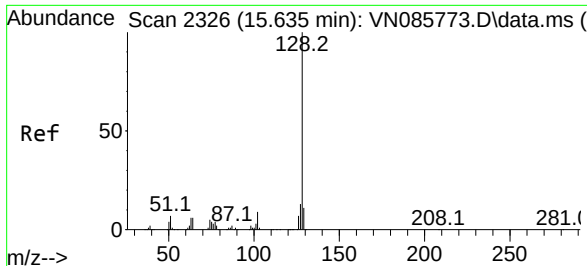
Delta R.T. 0.006 min

Lab File: VN085984.D

Acq: 14 Mar 2025 11:07

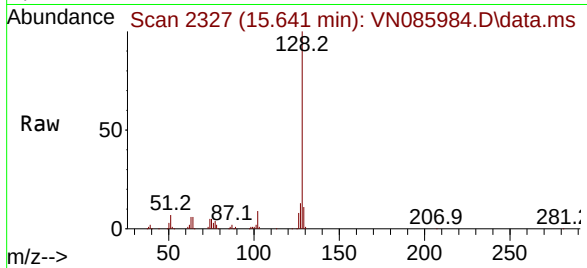
Tgt Ion:225	Resp:	48641
Ion Ratio	Lower	Upper
225	100	
223	61.5	31.9 95.5
227	61.8	32.2 96.6





#95
Naphthalene
Concen: 53.493 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07

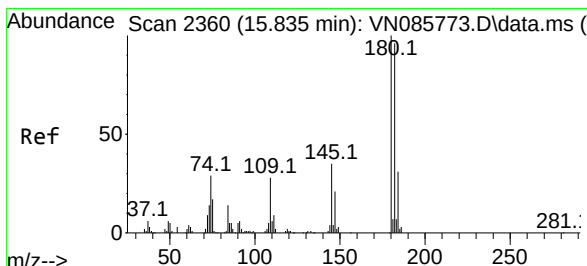
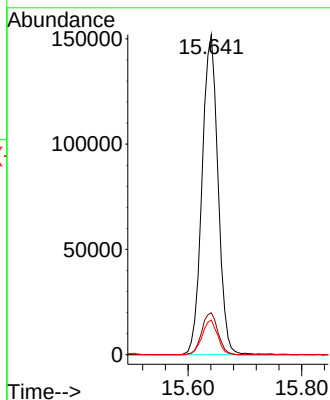
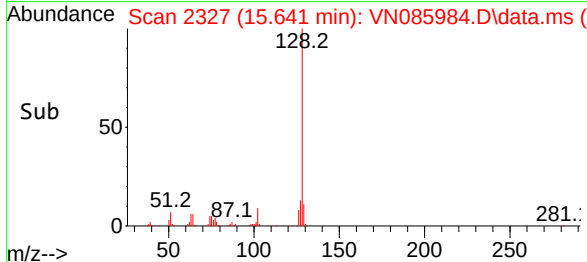
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



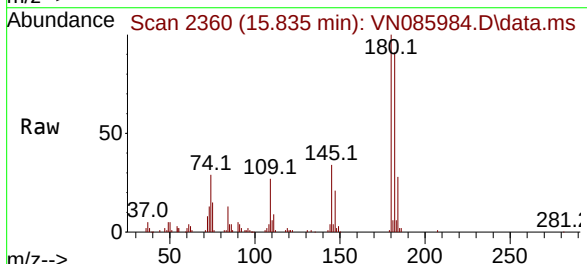
Tgt Ion:128 Resp: 295885
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.024 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085984.D
Acq: 14 Mar 2025 11:07



Tgt Ion:180 Resp: 97135
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.8
145 34.4 16.9 50.6

