

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085794.D
 Acq On : 20 Feb 2025 10:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 21 00:55:48 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 02/21/2025
 Supervised By : Mahesh Dadoda 02/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	291730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	464959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	420832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	213556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	189807	50.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.360%			
35) Dibromofluoromethane	8.159	113	161567	53.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.200%			
50) Toluene-d8	10.559	98	606795	54.817	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.640%			
62) 4-Bromofluorobenzene	12.841	95	208736	57.233	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	193731	48.822	ug/l	97
3) Chloromethane	2.359	50	179082	44.975	ug/l	98
4) Vinyl Chloride	2.518	62	194289	46.084	ug/l	99
5) Bromomethane	2.959	94	121048	44.903	ug/l	99
6) Chloroethane	3.124	64	123277	44.145	ug/l	97
7) Trichlorofluoromethane	3.500	101	283937	46.516	ug/l	99
8) Diethyl Ether	3.959	74	91752	46.456	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	169892	48.150	ug/l	100
10) Methyl Iodide	4.589	142	203909	46.883	ug/l	98
11) Tert butyl alcohol	5.500	59	88444	190.128	ug/l	99
12) 1,1-Dichloroethene	4.342	96	151685	47.413	ug/l	97
13) Acrolein	4.171	56	162393	235.409	ug/l	97
14) Allyl chloride	5.018	41	189098	45.020	ug/l	98
15) Acrylonitrile	5.712	53	347094	229.519	ug/l	100
16) Acetone	4.418	43	279966	233.939	ug/l	99
17) Carbon Disulfide	4.712	76	421906	44.498	ug/l	100
18) Methyl Acetate	5.018	43	178505	43.366	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	470449	49.486	ug/l	99
20) Methylene Chloride	5.271	84	178239	46.313	ug/l	99
21) trans-1,2-Dichloroethene	5.788	96	162801	47.260	ug/l	96
22) Diisopropyl ether	6.665	45	479131	50.482	ug/l	99
23) Vinyl Acetate	6.594	43	1578653	242.924	ug/l	100
24) 1,1-Dichloroethane	6.565	63	307594	47.675	ug/l	98
25) 2-Butanone	7.471	43	407411	231.399	ug/l	98
26) 2,2-Dichloropropane	7.488	77	270409	47.133	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	192710	48.247	ug/l	99
28) Bromochloromethane	7.806	49	139577	52.634	ug/l	98
29) Tetrahydrofuran	7.830	42	275135	241.999	ug/l	98
30) Chloroform	7.959	83	320770	47.574	ug/l	96
31) Cyclohexane	8.253	56	238690	44.185	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	285810	47.658	ug/l	99
36) 1,1-Dichloropropene	8.365	75	220031	51.100	ug/l	100
37) Ethyl Acetate	7.553	43	172764	48.755	ug/l	98
38) Carbon Tetrachloride	8.359	117	254658	49.774	ug/l	96
39) Methylcyclohexane	9.594	83	222912	52.696	ug/l	98
40) Benzene	8.600	78	695993	50.432	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	98118	51.797	ug/l	99
42) 1,2-Dichloroethane	8.665	62	223169	49.645	ug/l	100
43) Isopropyl Acetate	8.682	43	284107	45.637	ug/l	98
44) Trichloroethene	9.347	130	163505	48.253	ug/l	95
45) 1,2-Dichloropropane	9.618	63	168743	50.655	ug/l	100
46) Dibromomethane	9.700	93	117784	50.126	ug/l	100
47) Bromodichloromethane	9.882	83	254961	50.716	ug/l	96
48) Methyl methacrylate	9.671	41	134279	51.025	ug/l	97
49) 1,4-Dioxane	9.688	88	47413	947.434	ug/l	96
51) 4-Methyl-2-Pentanone	10.435	43	869528	254.514	ug/l	100
52) Toluene	10.623	92	438222	54.170	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	243812	52.449	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	266236	52.229	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	160516	49.905	ug/l	96
56) Ethyl methacrylate	10.871	69	224900	48.778	ug/l	99
57) 1,3-Dichloropropane	11.159	76	273721	50.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	553329	291.021	ug/l	99
59) 2-Hexanone	11.188	43	618042	262.961	ug/l	98
60) Dibromochloromethane	11.353	129	194098	51.823	ug/l	98
61) 1,2-Dibromoethane	11.465	107	156178	51.391	ug/l	98
64) Tetrachloroethene	11.100	164	160571	49.252	ug/l	97
65) Chlorobenzene	11.888	112	465504	48.286	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.953	131	167969	48.474	ug/l	99
67) Ethyl Benzene	11.959	91	801295	53.060	ug/l	99
68) m/p-Xylenes	12.065	106	635164	110.727	ug/l	100
69) o-Xylene	12.394	106	292138	53.594	ug/l	99
70) Styrene	12.406	104	506734	49.959	ug/l	99
71) Bromoform	12.570	173	127304	49.442	ug/l #	97
73) Isopropylbenzene	12.688	105	735181	50.249	ug/l	99
74) N-amyl acetate	12.488	43	240135	46.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.929	83	218988	43.497	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	192062m	40.487	ug/l	
77) Bromobenzene	12.976	156	190662	48.235	ug/l	99
78) n-propylbenzene	13.029	91	881218	52.593	ug/l	99
79) 2-Chlorotoluene	13.117	91	549013	49.041	ug/l	99
80) 1,3,5-Trimethylbenzene	13.164	105	637836	53.518	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	74714m	45.954	ug/l	
82) 4-Chlorotoluene	13.217	91	562564	50.689	ug/l	99
83) tert-Butylbenzene	13.435	119	523857	52.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	650080	55.132	ug/l	99
85) sec-Butylbenzene	13.611	105	737694	52.097	ug/l	100
86) p-Isopropyltoluene	13.723	119	629789	48.661	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	352400	47.585	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	345155	45.474	ug/l	99
89) n-Butylbenzene	14.053	91	514244	51.151	ug/l	98
90) Hexachloroethane	14.329	117	121415	45.275	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	335545	47.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.711	75	37082	40.111	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	159091	46.883	ug/l	99
94) Hexachlorobutadiene	15.494	225	84406	40.928	ug/l	98
95) Naphthalene	15.635	128	414005	44.439	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	150754	44.252	ug/l	99

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VSTDCCC050

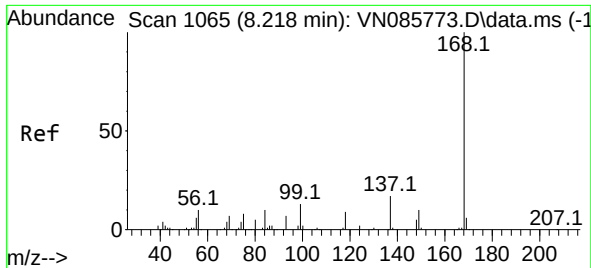
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/21/2025

Quant Time: Feb 21 00:55:48 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

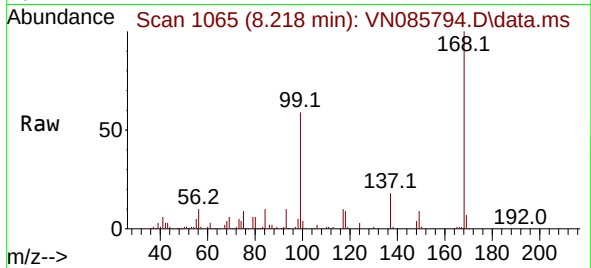
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085794.D
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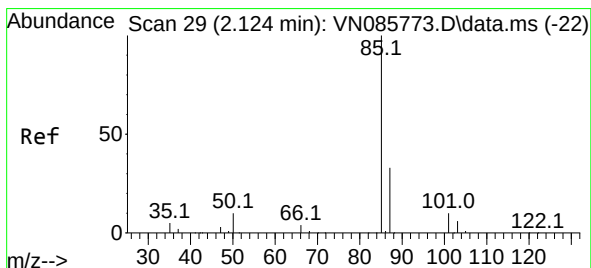
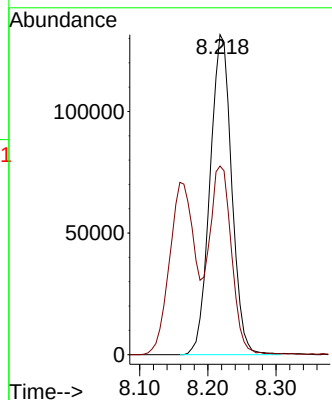
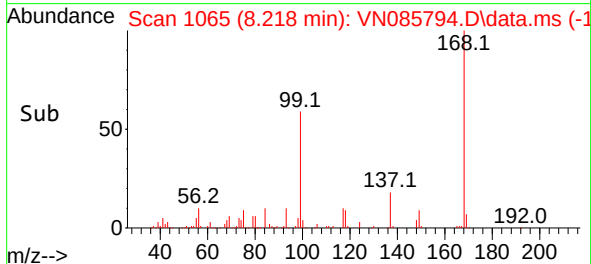
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



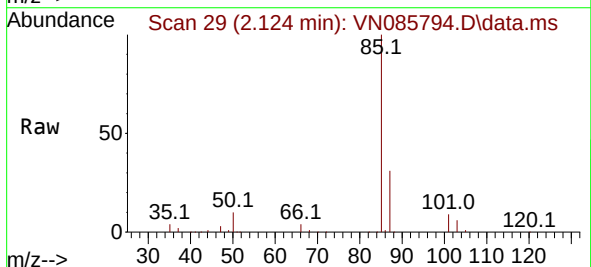
Tgt Ion:168 Resp: 291730
Ion Ratio Lower Upper
168 100
99 58.7 47.9 71.9

Manual Integrations
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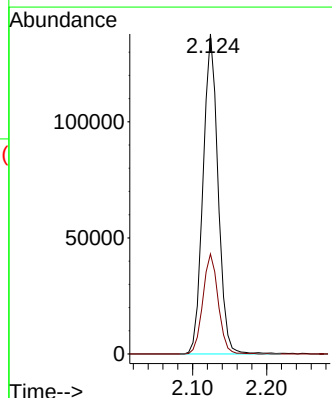
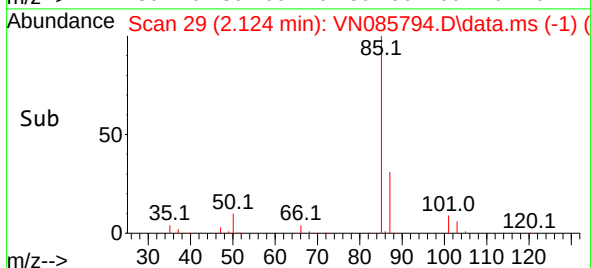
Reviewed By :John Carlone 02/21/2025
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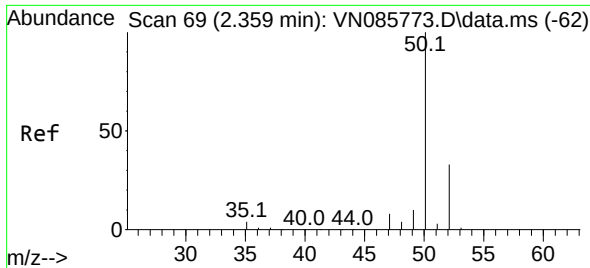


#2
Dichlorodifluoromethane
Concen: 48.822 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



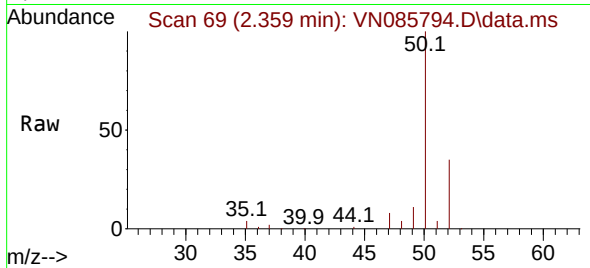
Tgt Ion: 85 Resp: 193731
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.2





#3
Chloromethane
Concen: 44.975 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

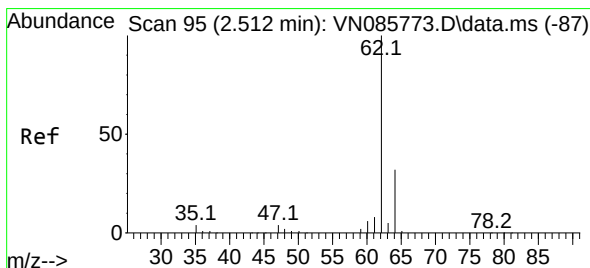
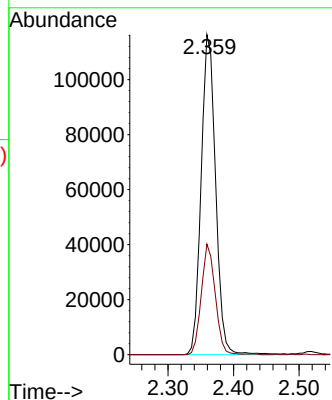
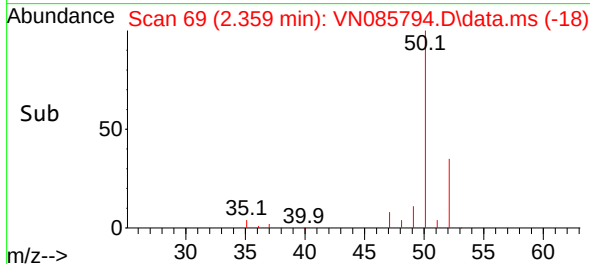
Instrument :
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Tgt Ion: 50 Resp: 17908
Ion Ratio Lower Upper
50 100
52 34.6 26.7 40.1

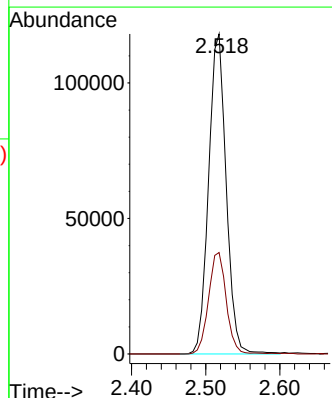
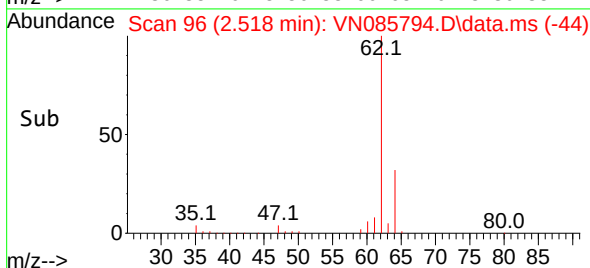
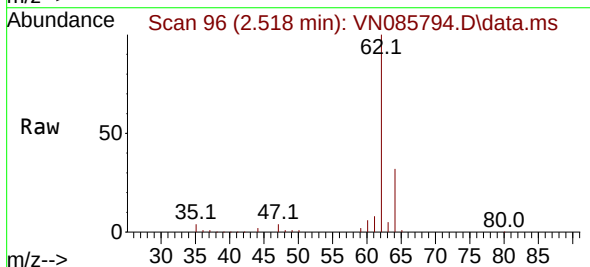
Manual Integrations
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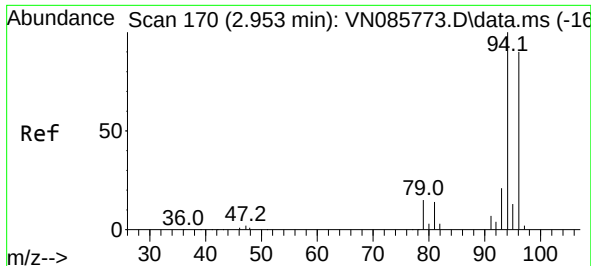
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#4
Vinyl Chloride
Concen: 46.084 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Tgt Ion: 62 Resp: 194289
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9





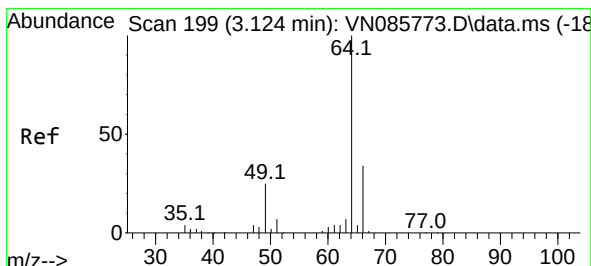
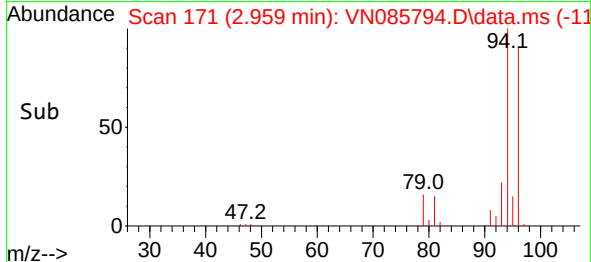
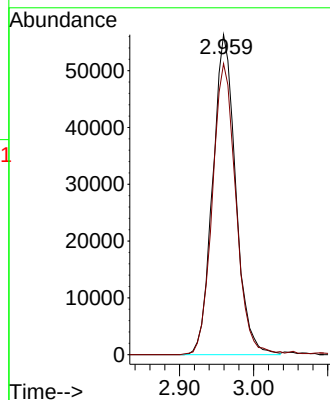
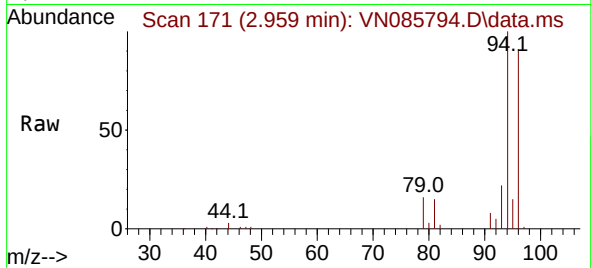
#5
Bromomethane
Concen: 44.903 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 121048
Ion Ratio Lower Upper
94 100
96 91.0 71.7 107.5

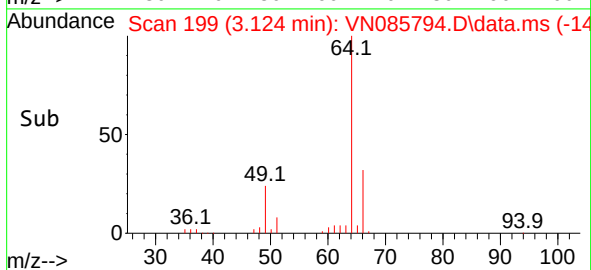
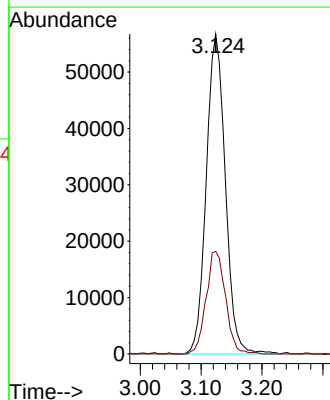
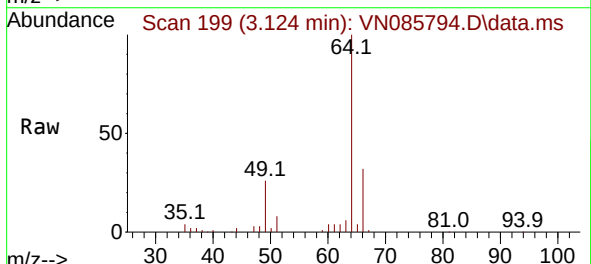
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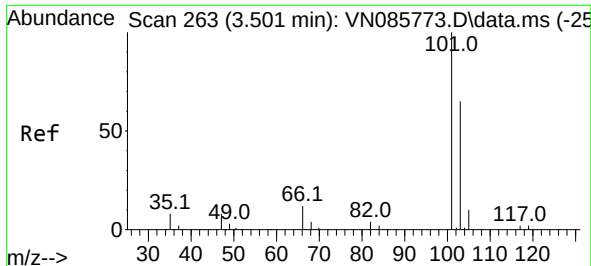
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#6
Chloroethane
Concen: 44.145 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

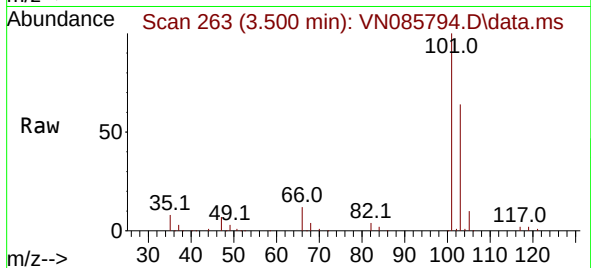
Tgt Ion: 64 Resp: 123277
Ion Ratio Lower Upper
64 100
66 32.0 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 46.516 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

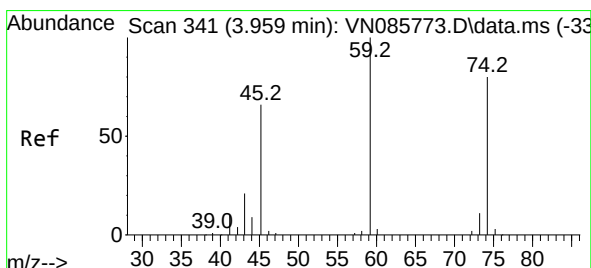
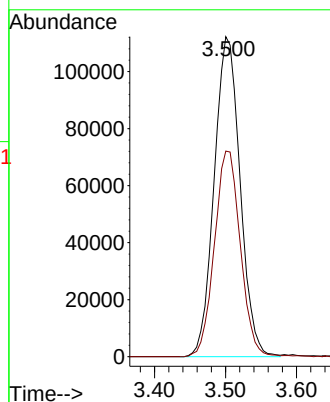
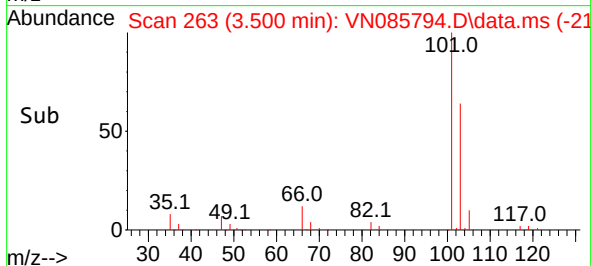
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 28393
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.4

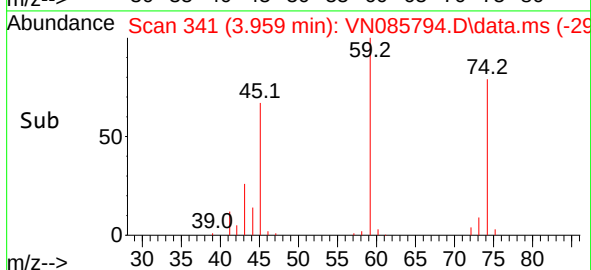
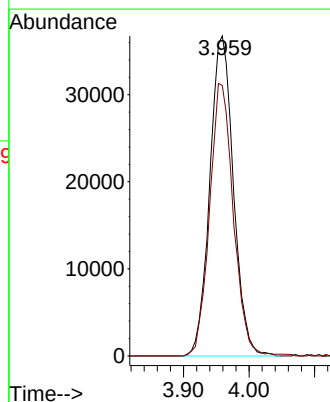
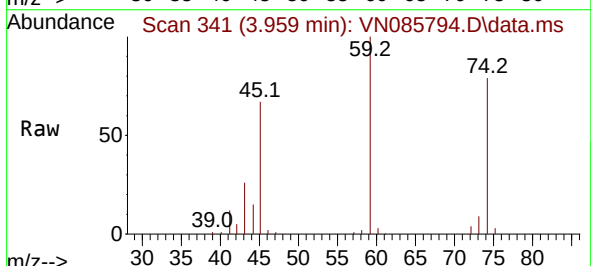
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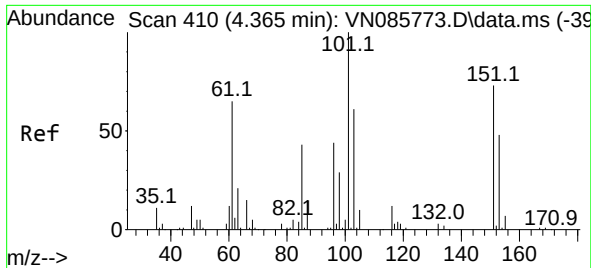
Reviewed By :John Carlone 02/21/2025
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#8
 Diethyl Ether
 Concen: 46.456 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

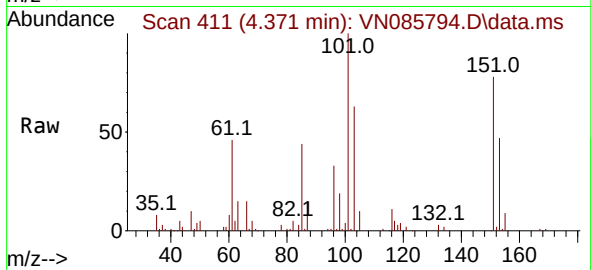
Tgt Ion: 74 Resp: 91752
 Ion Ratio Lower Upper
 74 100
 45 85.4 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.150 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085794.D
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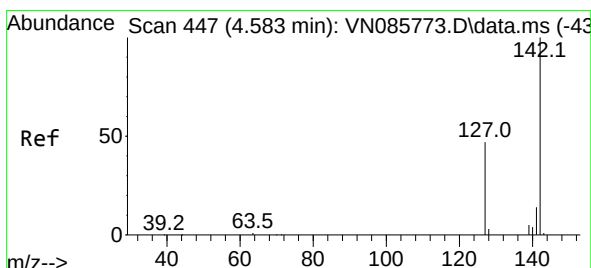
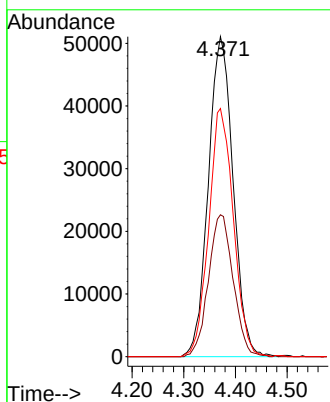
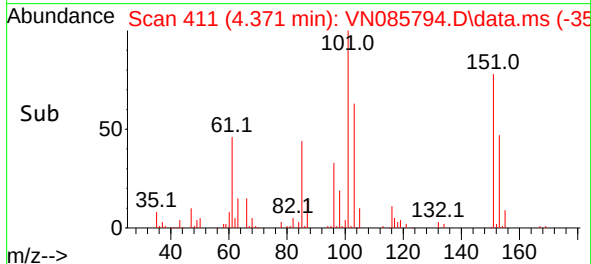
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



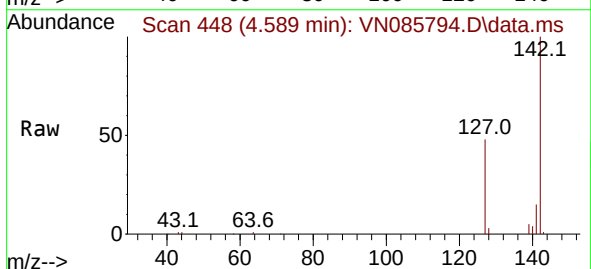
Tgt Ion:101 Resp: 169892
Ion Ratio Lower Upper
101 100
85 44.3 35.7 53.5
151 77.2 61.4 92.2

Manual Integrations
APPROVED

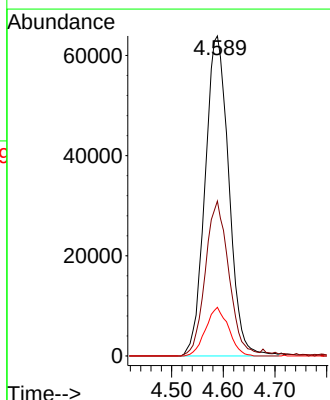
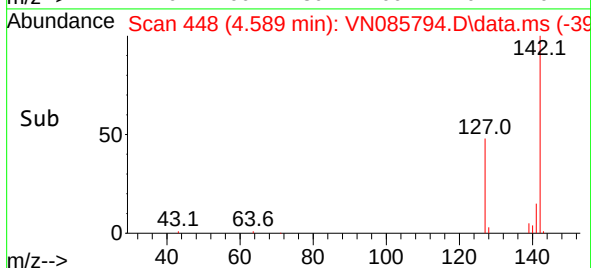
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

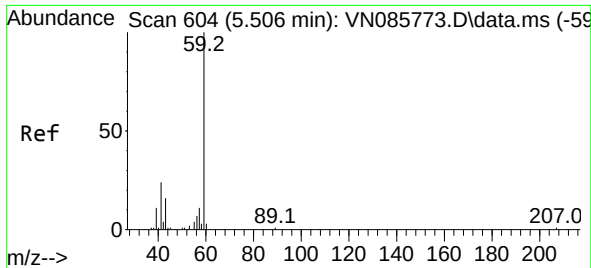


#10
Methyl Iodide
Concen: 46.883 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



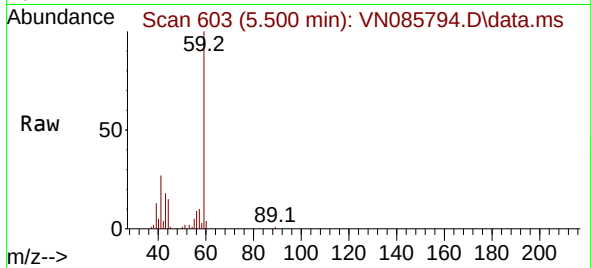
Tgt Ion:142 Resp: 203909
Ion Ratio Lower Upper
142 100
127 48.4 37.6 56.4
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 190.128 ug/l
RT: 5.500 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

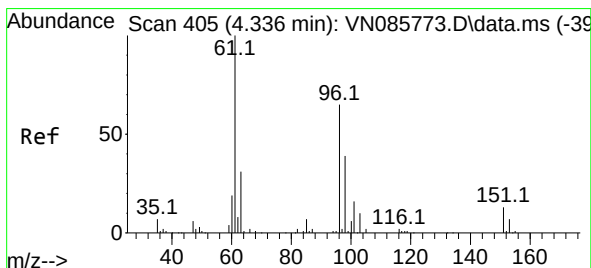
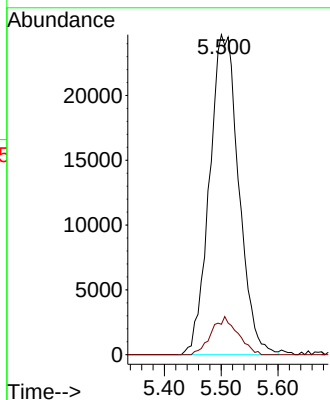
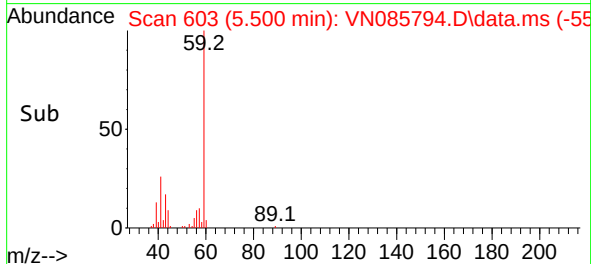
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



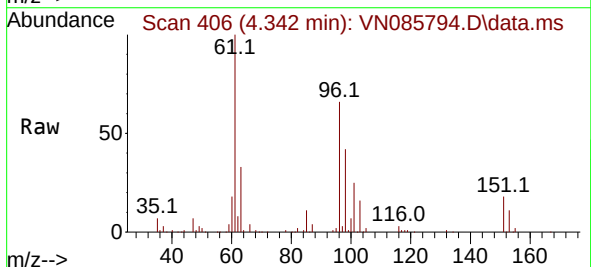
Tgt Ion: 59 Resp: 8844
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

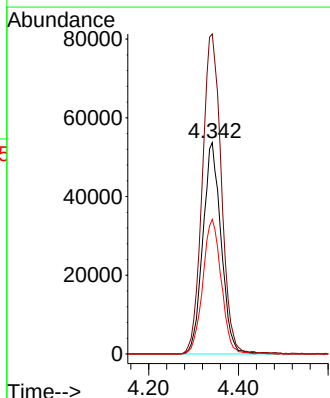
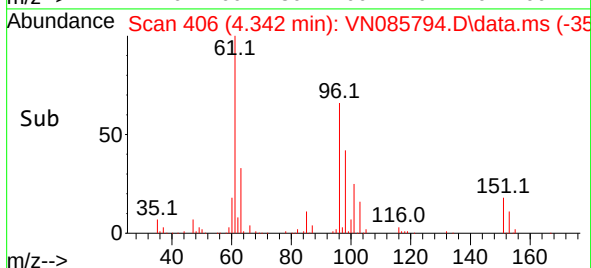
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

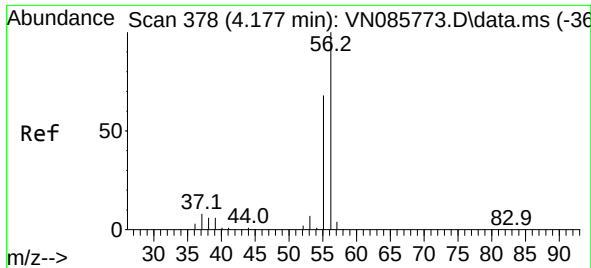


#12
1,1-Dichloroethene
Concen: 47.413 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



Tgt Ion: 96 Resp: 151685
Ion Ratio Lower Upper
96 100
61 151.4 123.3 184.9
98 63.7 48.6 72.8





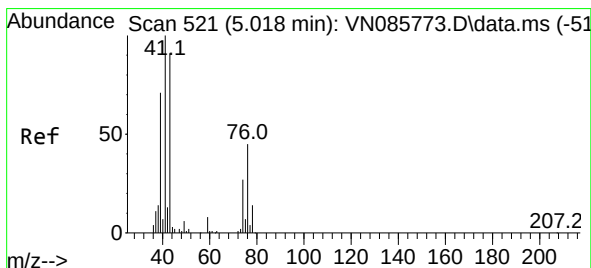
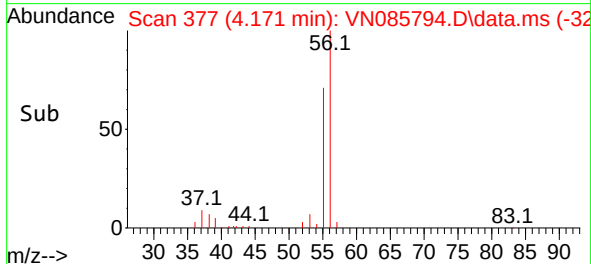
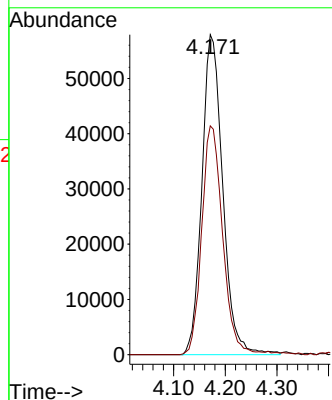
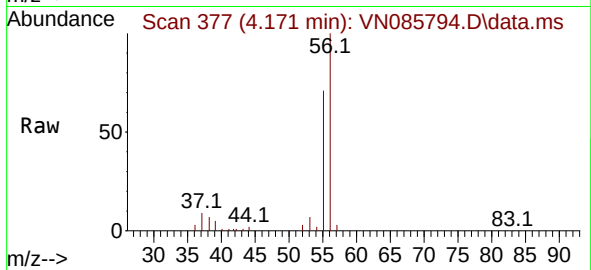
#13
Acrolein
Concen: 235.409 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 16239
Ion Ratio Lower Upper
56 100
55 71.5 55.3 82.9

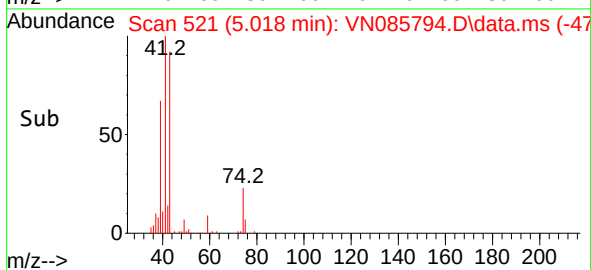
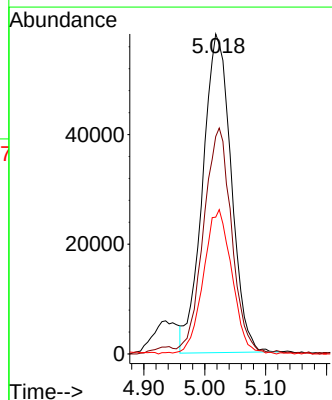
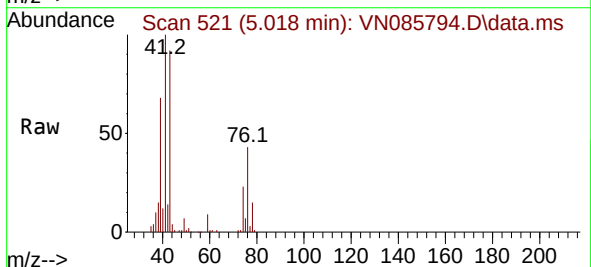
Manual Integrations
APPROVED

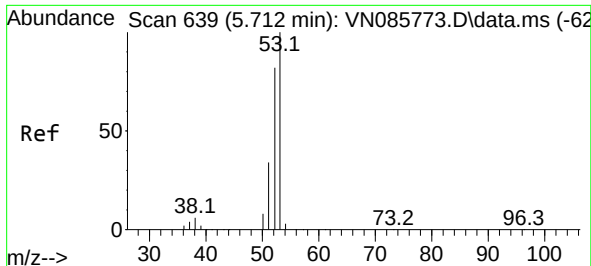
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#14
Allyl chloride
Concen: 45.020 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

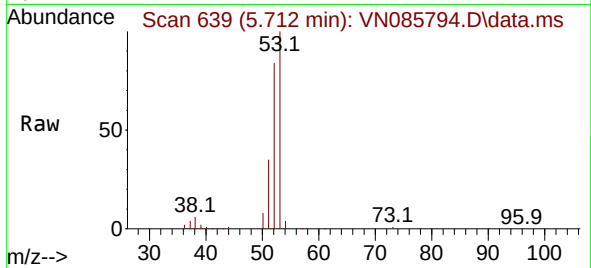
Tgt Ion: 41 Resp: 189098
Ion Ratio Lower Upper
41 100
39 69.3 57.4 86.2
76 45.4 36.2 54.2





#15
Acrylonitrile
Concen: 229.519 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

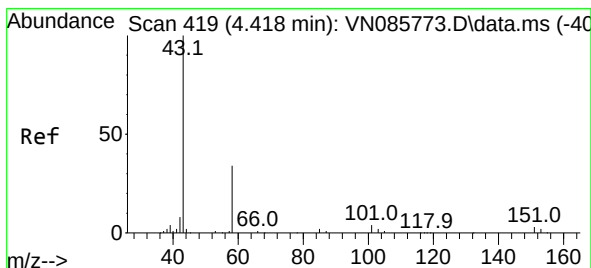
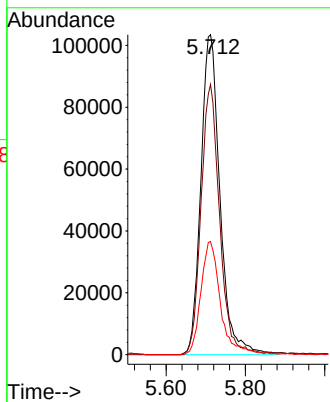
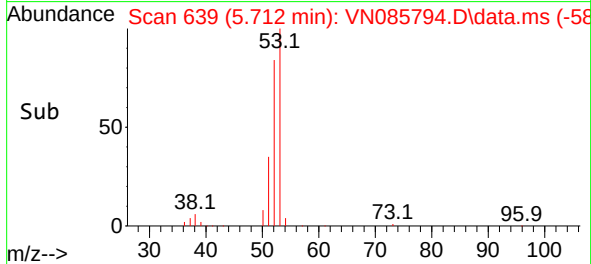
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 347094
Ion Ratio Lower Upper
53 100
52 82.3 65.8 98.6
51 36.0 28.6 42.8

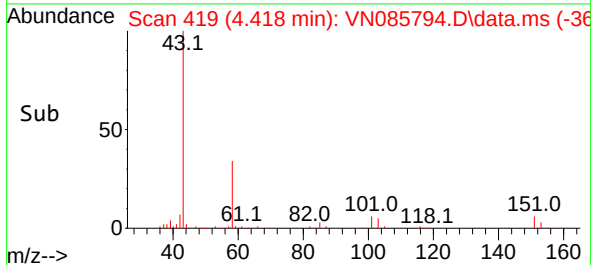
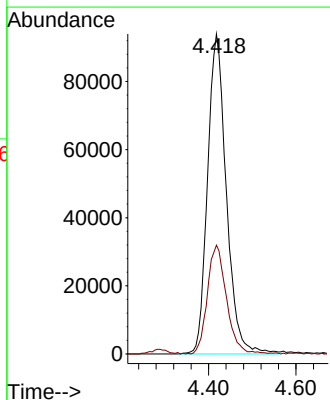
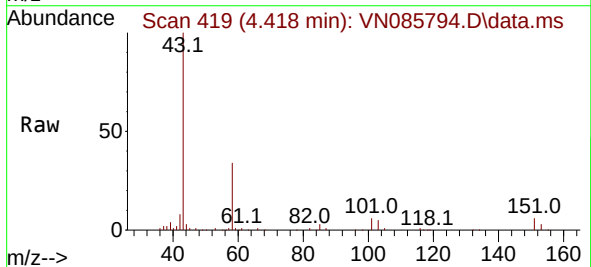
Manual Integrations
APPROVED

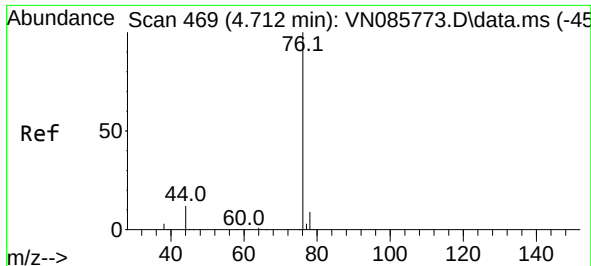
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#16
Acetone
Concen: 233.939 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

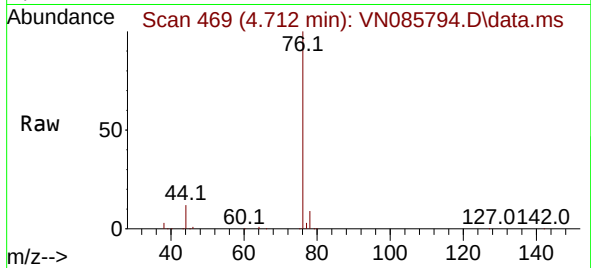
Tgt Ion: 43 Resp: 279966
Ion Ratio Lower Upper
43 100
58 33.8 27.5 41.3





#17
Carbon Disulfide
Concen: 44.498 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

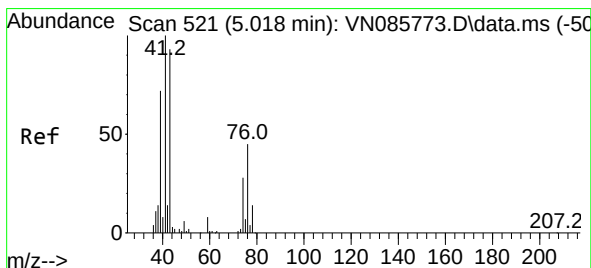
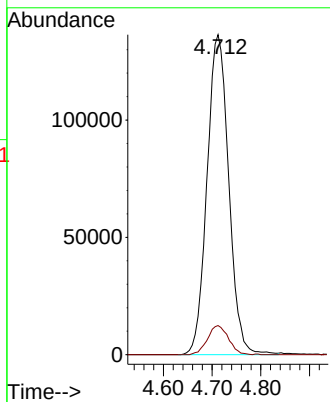
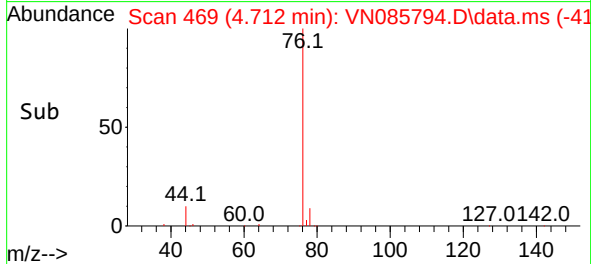
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 421900
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

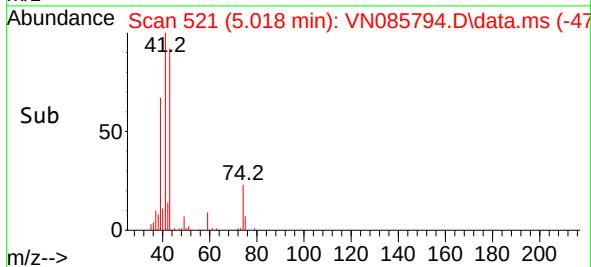
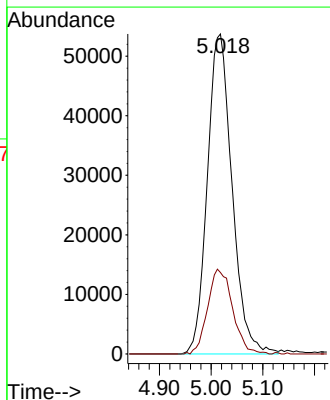
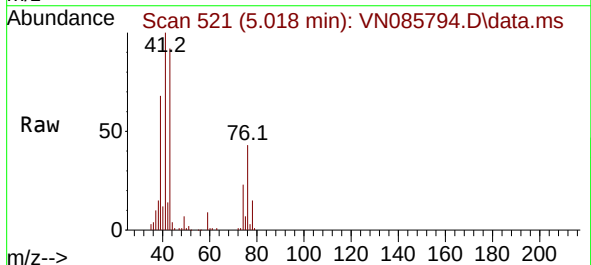
Manual Integrations
APPROVED

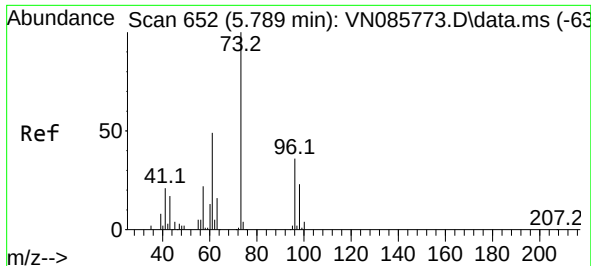
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#18
Methyl Acetate
Concen: 43.366 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Tgt Ion: 43 Resp: 178505
Ion Ratio Lower Upper
43 100
74 26.7 22.2 33.4





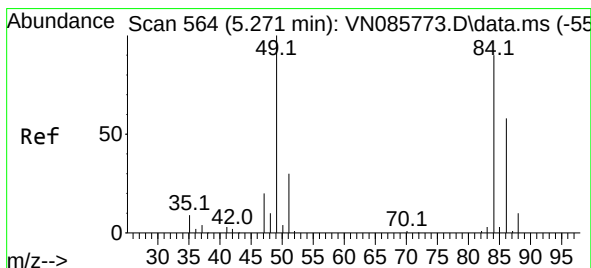
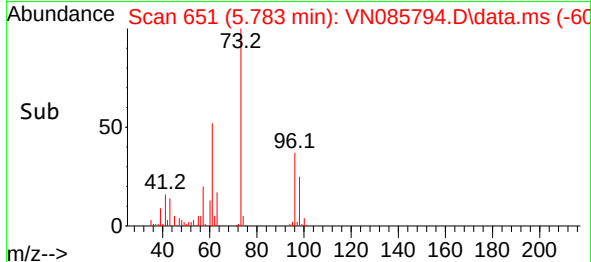
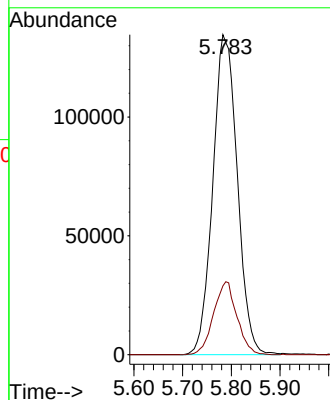
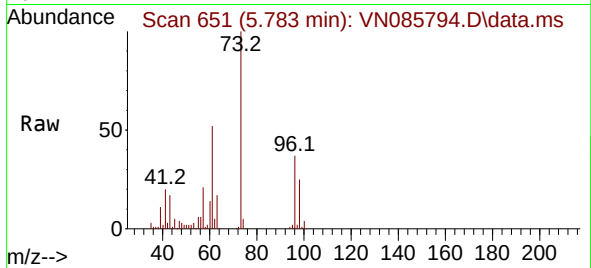
#19
Methyl tert-butyl Ether
Concen: 49.486 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 470449
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

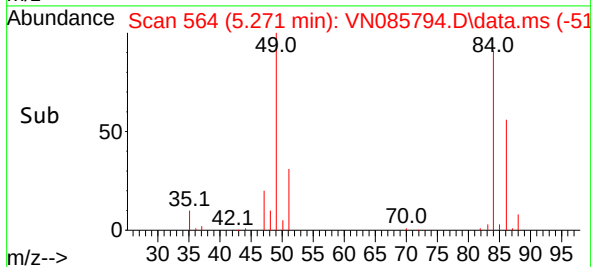
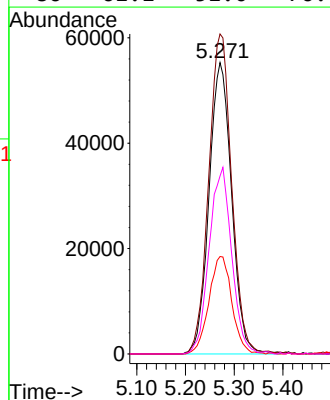
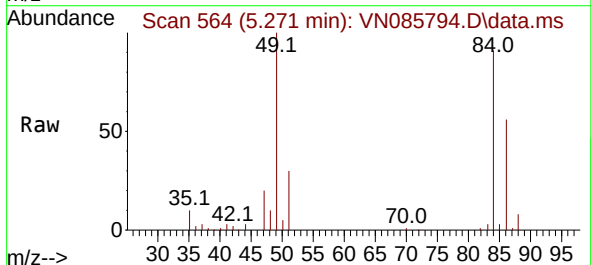
Manual Integrations
APPROVED

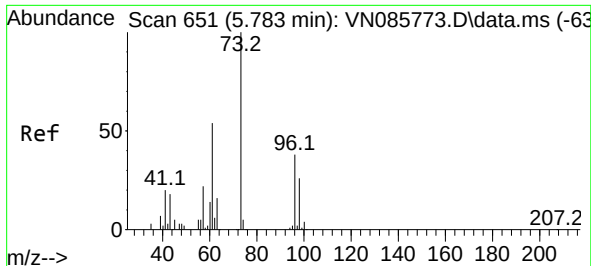
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#20
Methylene Chloride
Concen: 46.313 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

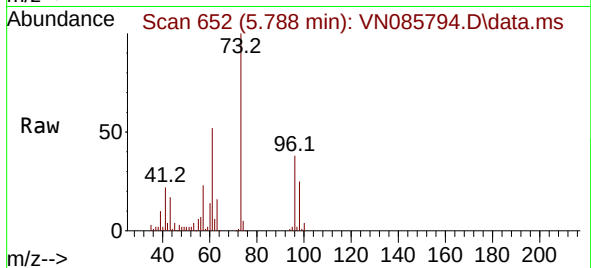
Tgt Ion: 84 Resp: 178239
Ion Ratio Lower Upper
84 100
49 109.9 88.4 132.6
51 33.5 26.6 40.0
86 61.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.260 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

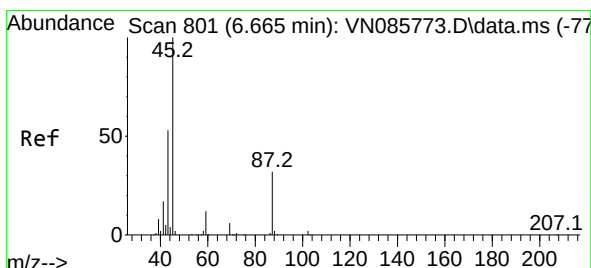
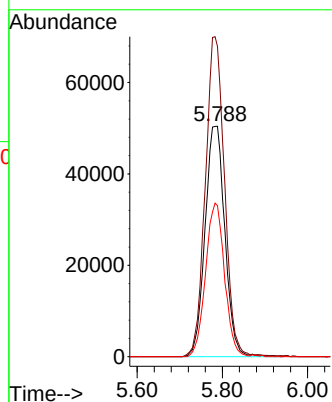
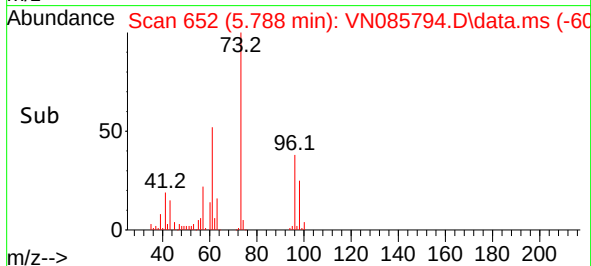
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16280
Ion Ratio Lower Upper
96 100
61 134.6 112.6 168.8
98 65.6 53.3 79.9

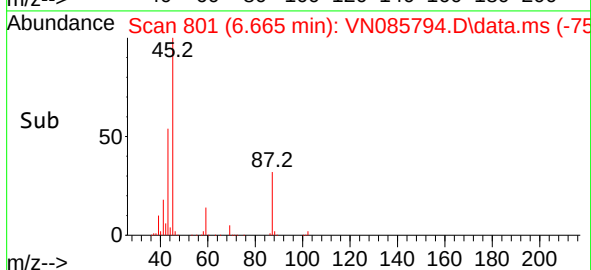
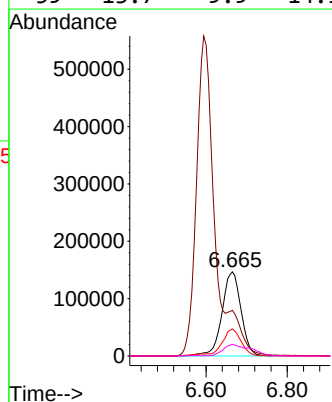
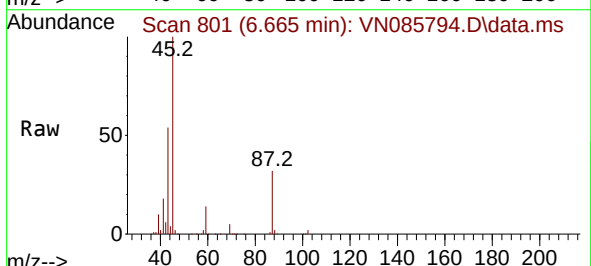
Manual Integrations
APPROVED

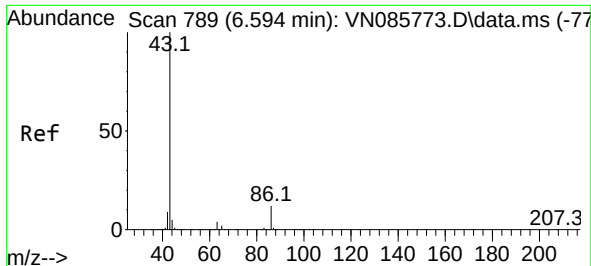
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#22
Diisopropyl ether
Concen: 50.482 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

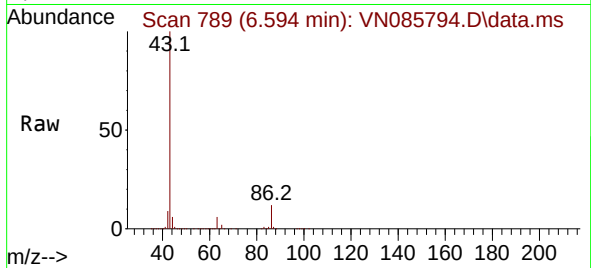
Tgt Ion: 45 Resp: 479131
Ion Ratio Lower Upper
45 100
43 53.4 42.6 64.0
87 32.0 25.8 38.8
59 13.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 242.924 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

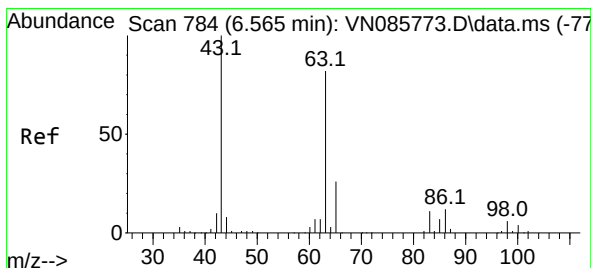
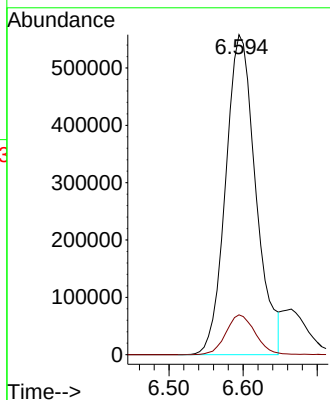
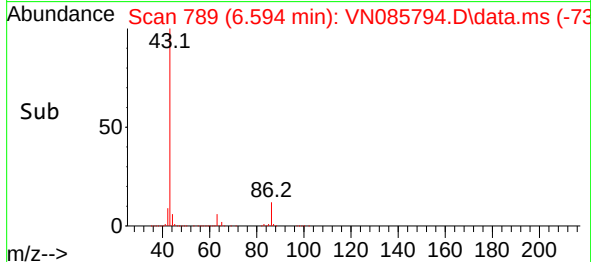
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



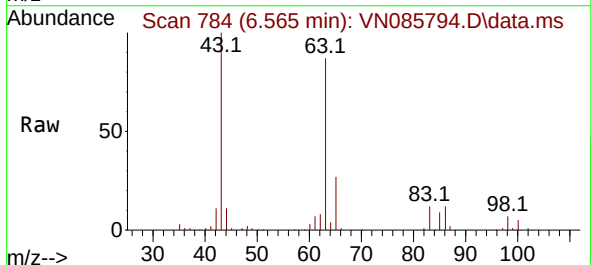
Tgt Ion: 43 Resp: 157865
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.8

Manual Integrations
 APPROVED

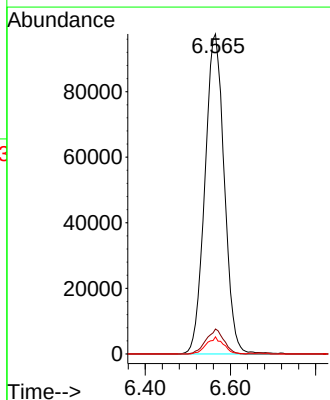
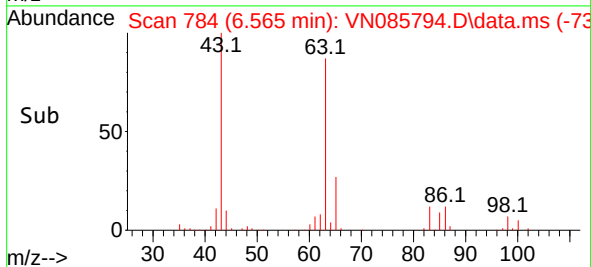
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

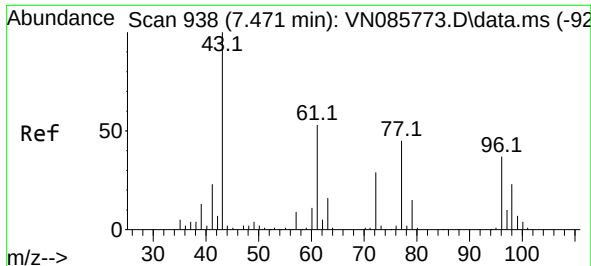


#24
 1,1-Dichloroethane
 Concen: 47.675 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46



Tgt Ion: 63 Resp: 307594
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.3 2.4 7.2





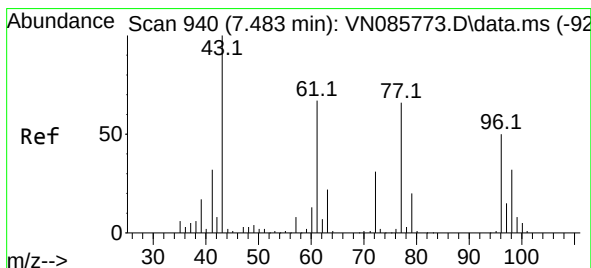
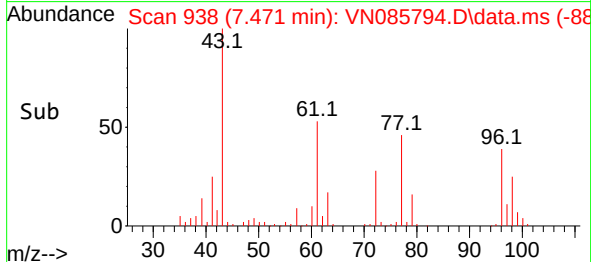
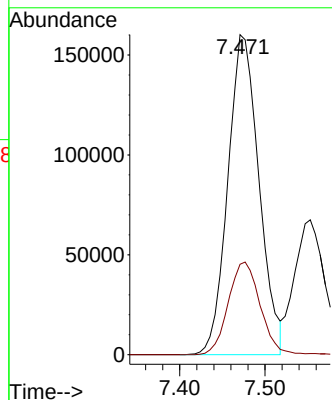
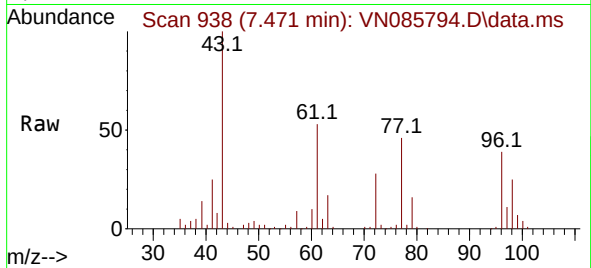
#25
2-Butanone
Concen: 231.399 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 40741
Ion Ratio Lower Upper
43 100
72 28.2 23.6 35.4

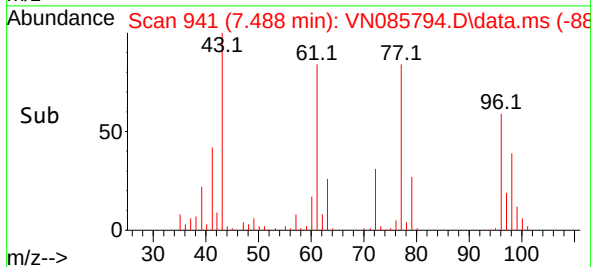
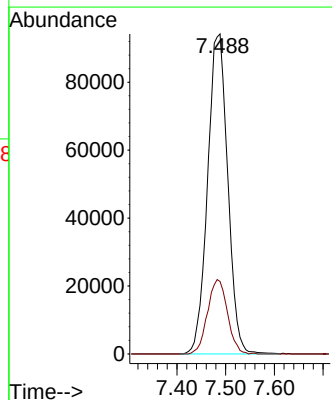
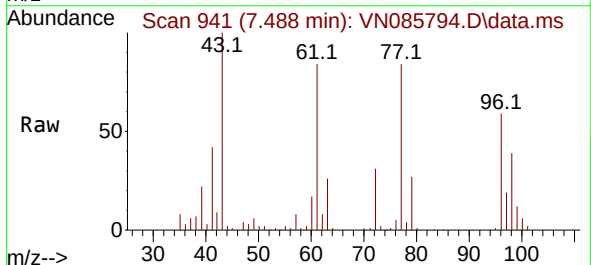
Manual Integrations
APPROVED

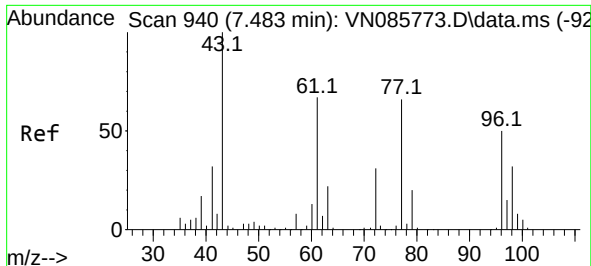
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#26
2,2-Dichloropropane
Concen: 47.133 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

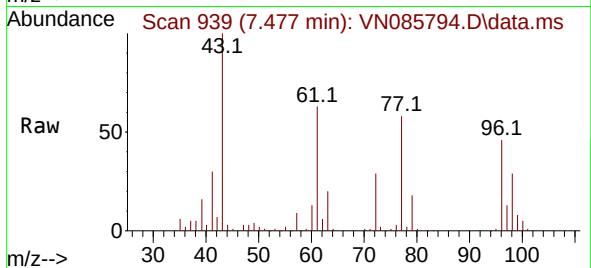
Tgt Ion: 77 Resp: 270409
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.247 ug/l
 RT: 7.477 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

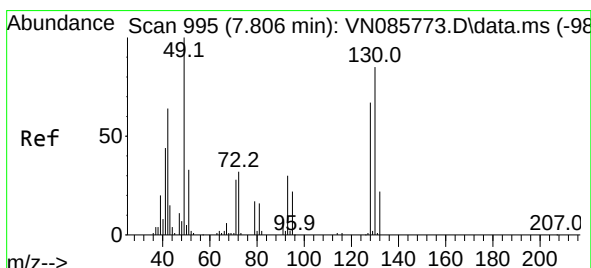
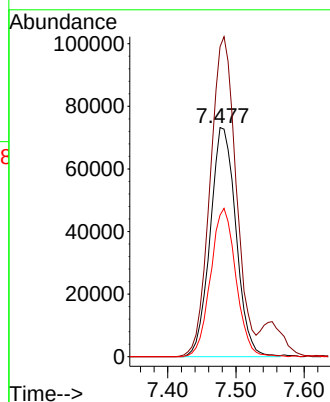
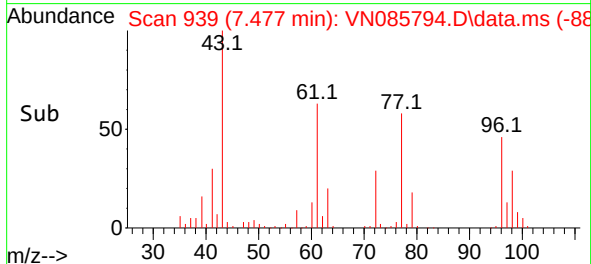
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 192710
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 280.6
 98 63.7 0.0 128.6

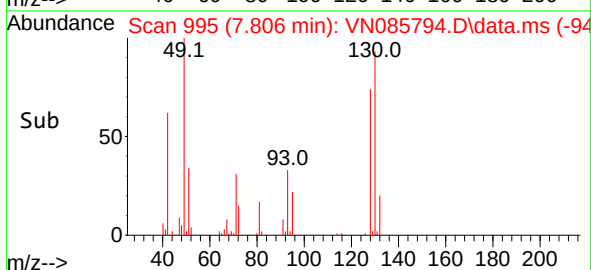
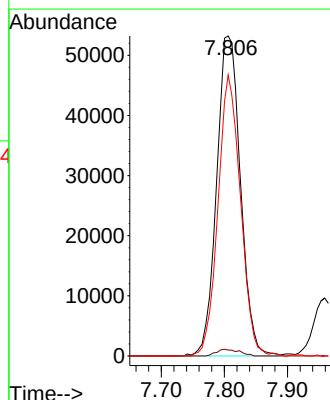
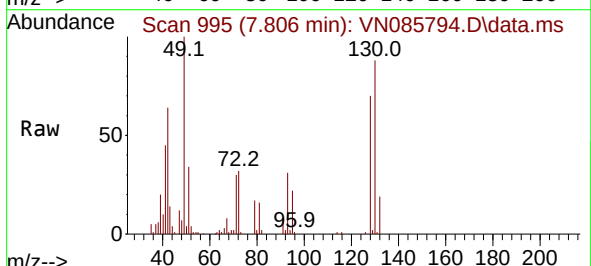
Manual Integrations
 APPROVED

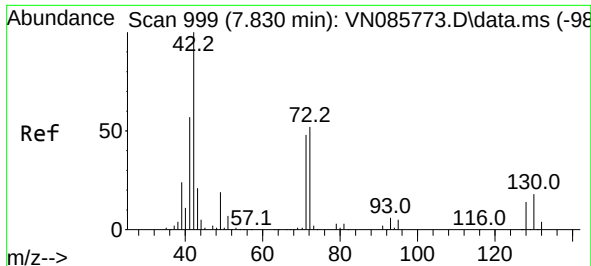
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#28
 Bromochloromethane
 Concen: 52.634 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

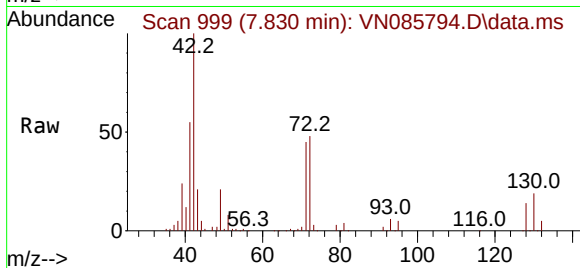
Tgt Ion: 49 Resp: 139577
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.8 68.0 102.0





#29
Tetrahydrofuran
Concen: 241.999 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

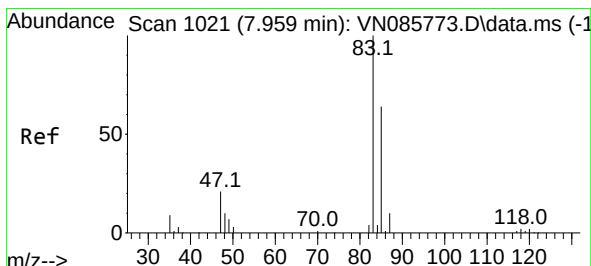
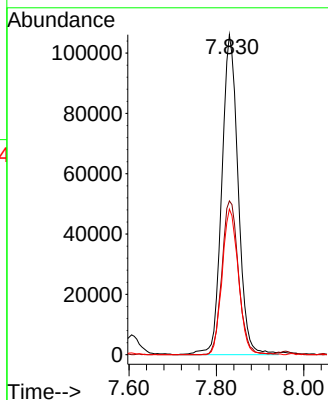
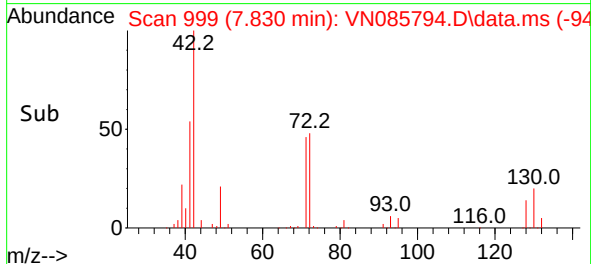
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



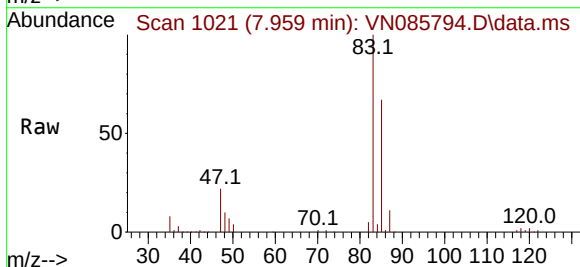
Tgt Ion: 42 Resp: 275135
Ion Ratio Lower Upper
42 100
72 48.8 40.0 60.0
71 45.3 37.0 55.4

Manual Integrations
APPROVED

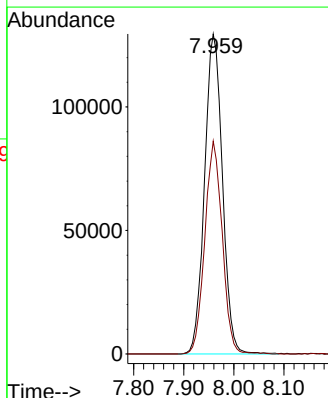
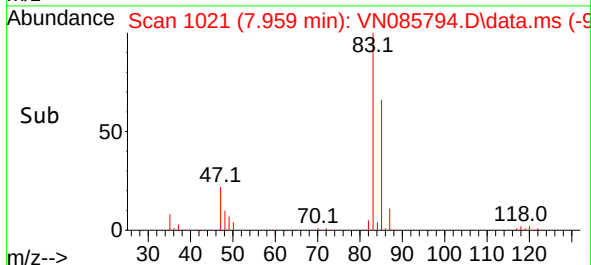
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

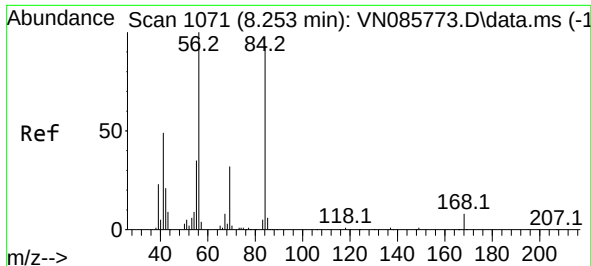


#30
Chloroform
Concen: 47.574 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



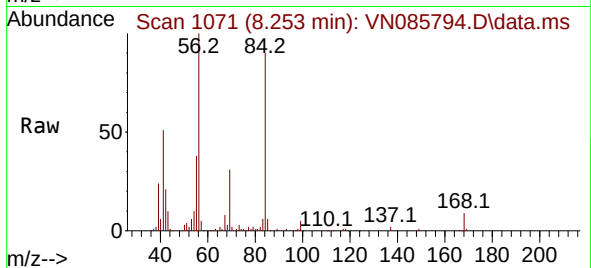
Tgt Ion: 83 Resp: 320770
Ion Ratio Lower Upper
83 100
85 66.5 50.9 76.3





#31
Cyclohexane
Concen: 44.185 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

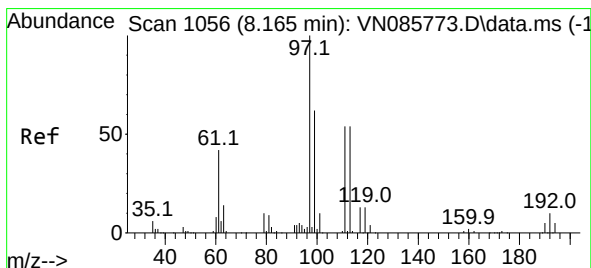
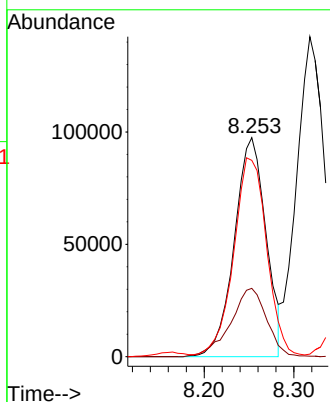
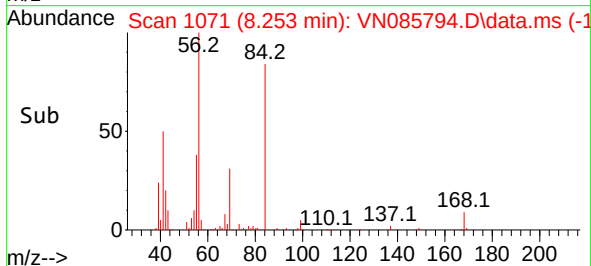
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



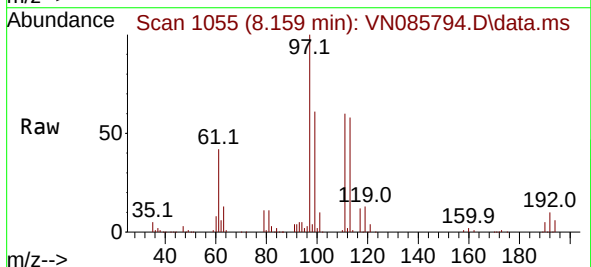
Tgt Ion: 56 Resp: 238690
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.6
84 88.0 74.5 111.7

Manual Integrations
APPROVED

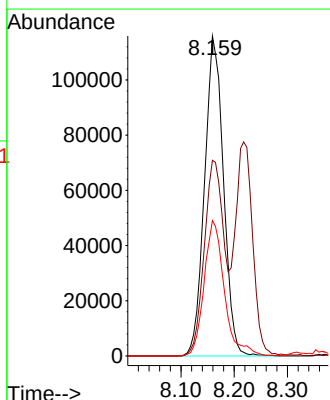
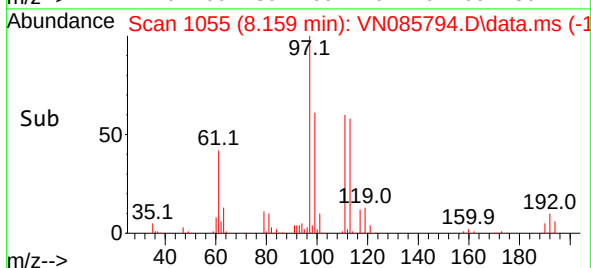
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

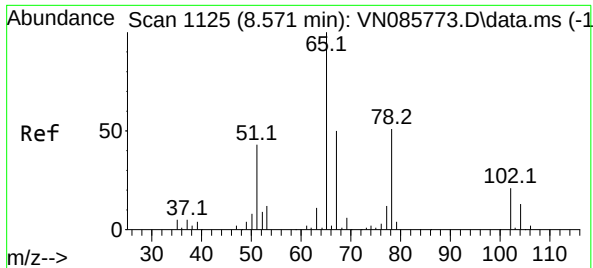


#32
1,1,1-Trichloroethane
Concen: 47.658 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



Tgt Ion: 97 Resp: 285810
Ion Ratio Lower Upper
97 100
99 62.6 50.4 75.6
61 45.3 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 50.185 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085794.D

Acq: 20 Feb 2025 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18980

Ion Ratio Lower Upper

65 100

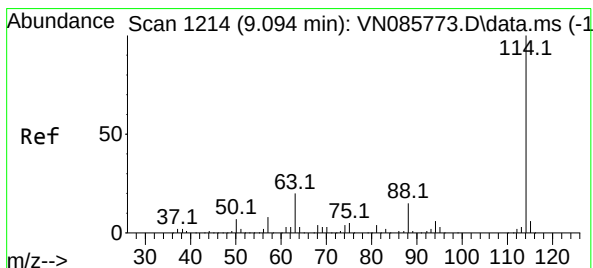
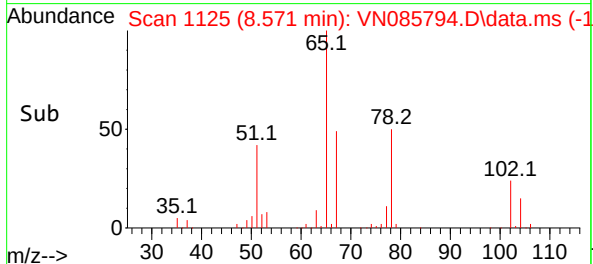
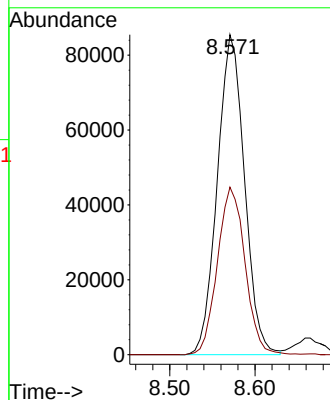
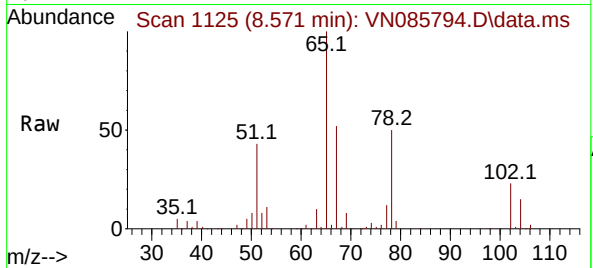
67 53.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085794.D

Acq: 20 Feb 2025 10:46

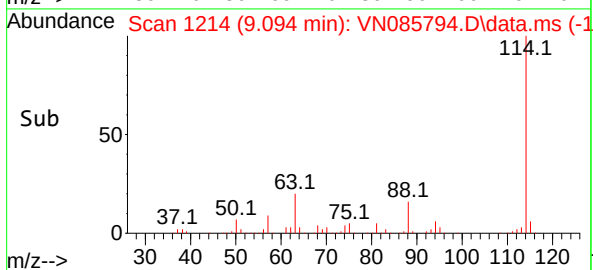
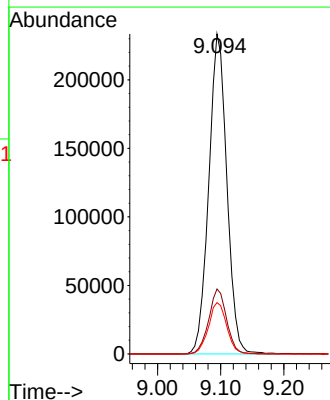
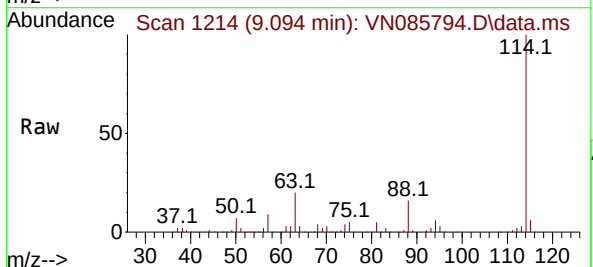
Tgt Ion:114 Resp: 464959

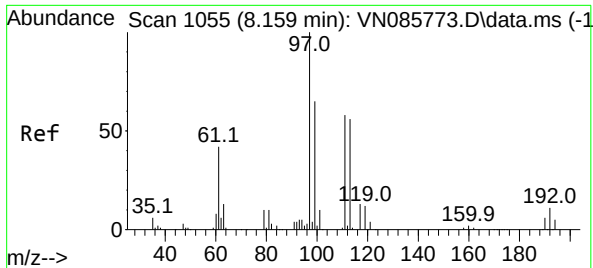
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

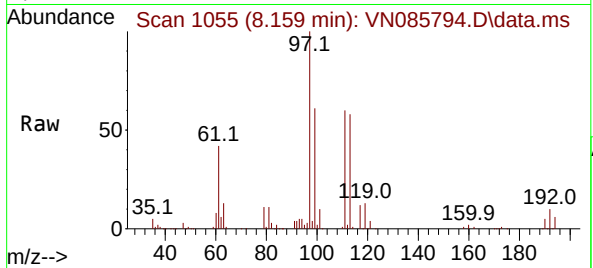
88 16.1 0.0 30.0





#35
Dibromofluoromethane
Concen: 53.104 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

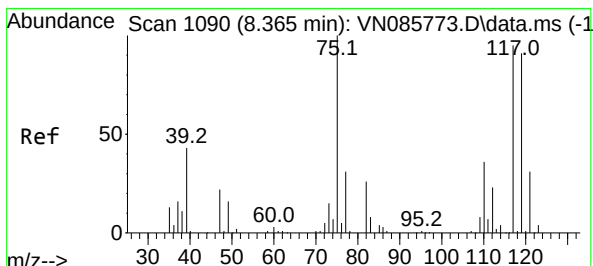
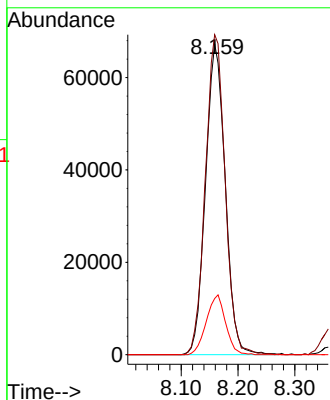
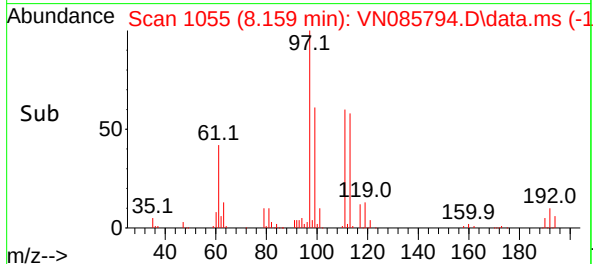
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



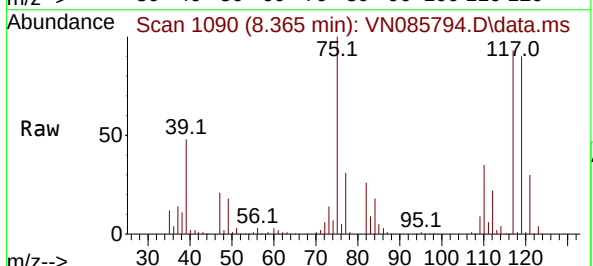
Tgt Ion: 113 Resp: 16156
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.8 14.7 22.1

Manual Integrations
APPROVED

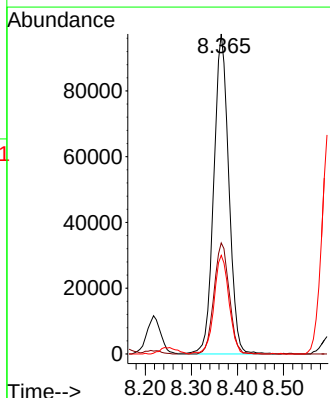
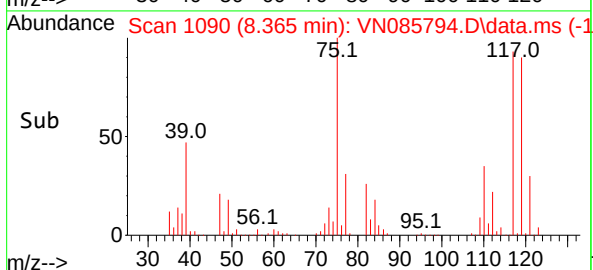
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

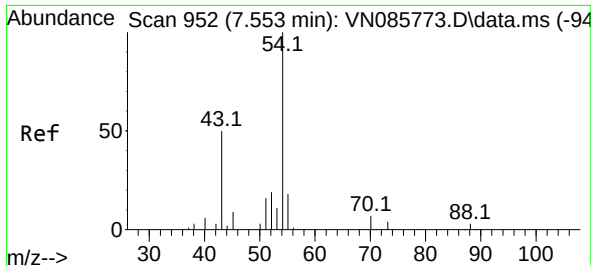


#36
1,1-Dichloropropene
Concen: 51.100 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



Tgt Ion: 75 Resp: 220031
Ion Ratio Lower Upper
75 100
110 35.1 17.3 52.0
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 48.755 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085794.D

Acq: 20 Feb 2025 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 172764

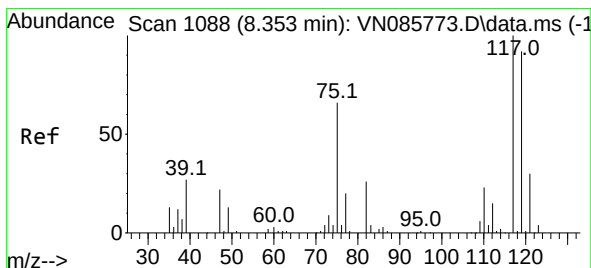
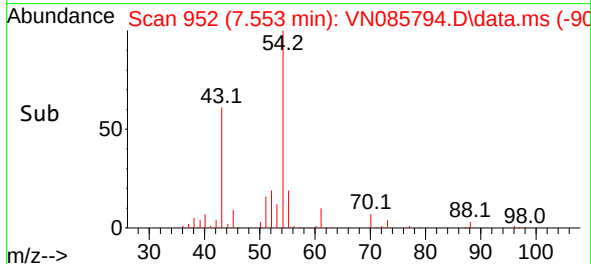
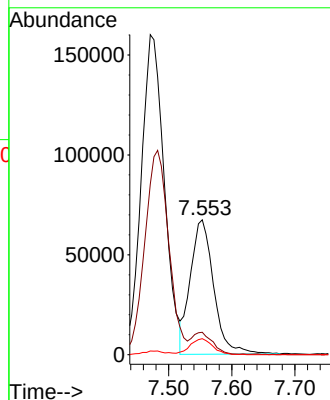
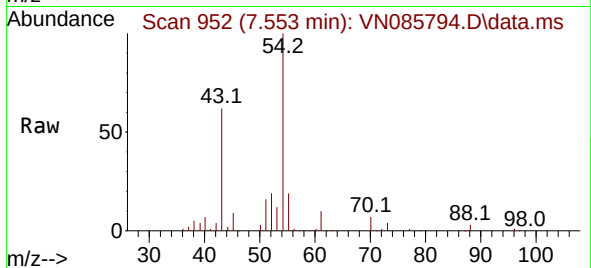
Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.2	18.2
70	11.5	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#38

Carbon Tetrachloride

Concen: 49.774 ug/l

RT: 8.359 min Scan# 1089

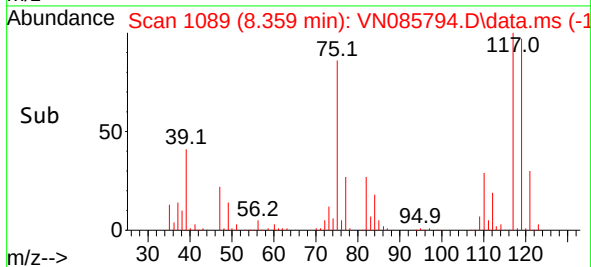
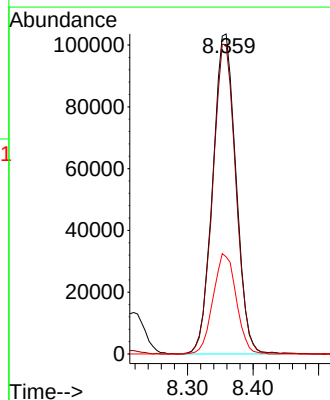
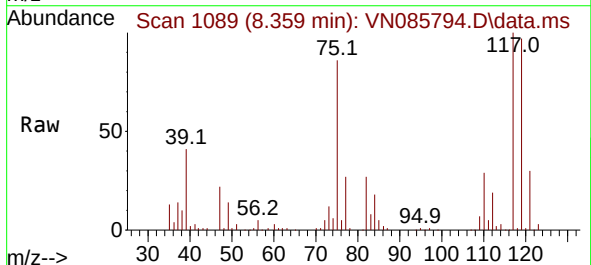
Delta R.T. 0.006 min

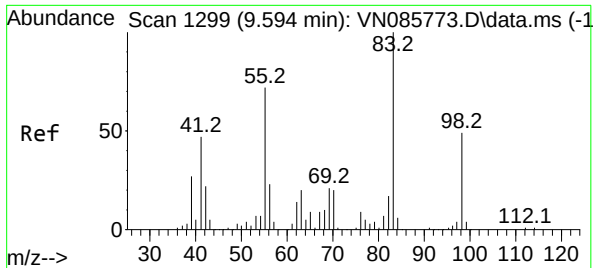
Lab File: VN085794.D

Acq: 20 Feb 2025 10:46

Tgt Ion:117 Resp: 254658

Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.8	110.6
121	30.3	24.3	36.5





#39
Methylcyclohexane
Concen: 52.696 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Instrument :

MSVOA_N

ClientSampleId :

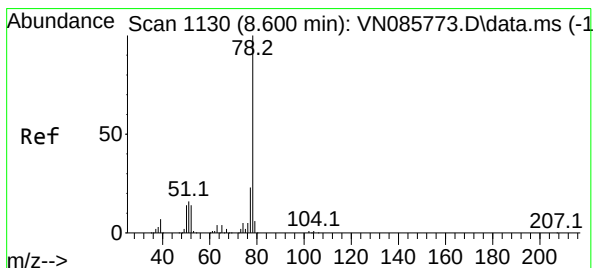
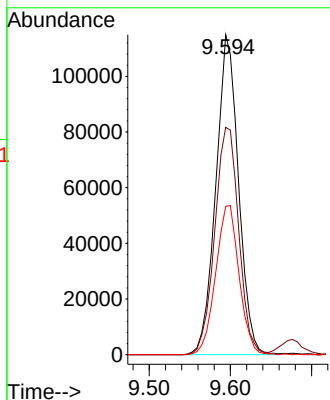
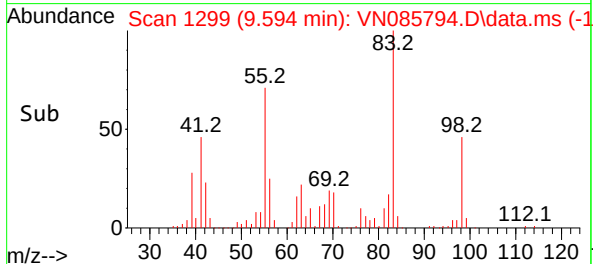
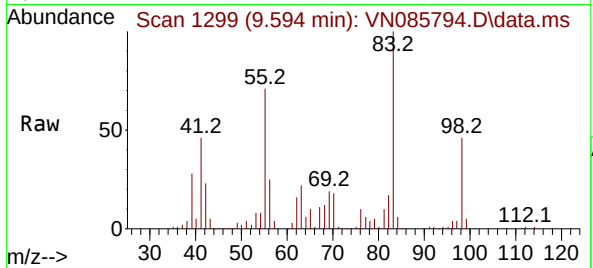
VSTDCCC050

Tgt Ion: 83 Resp: 222912
Ion Ratio Lower Upper
83 100
55 71.1 57.5 86.3
98 46.4 39.2 58.8

Manual Integrations

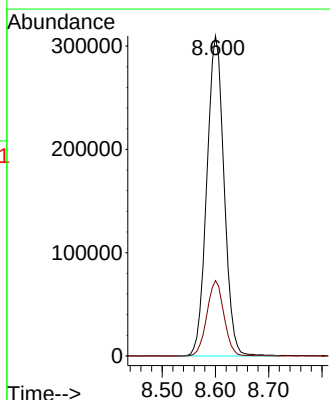
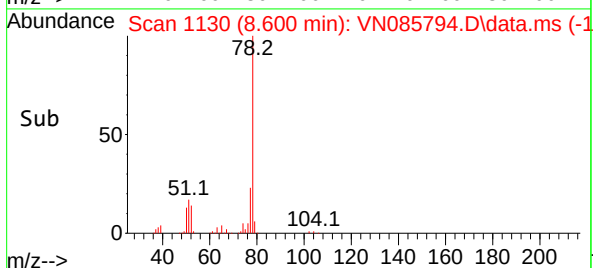
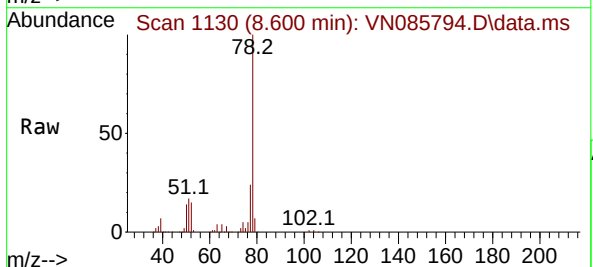
APPROVED

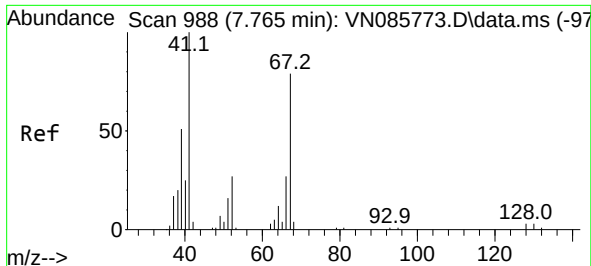
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#40
Benzene
Concen: 50.432 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

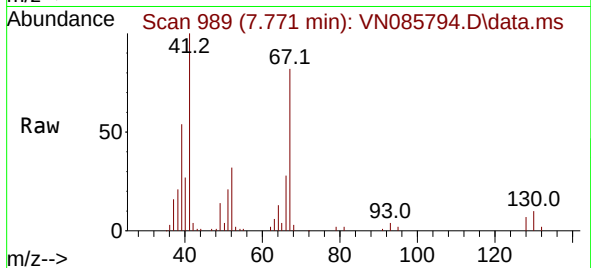
Tgt Ion: 78 Resp: 695993
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 51.797 ug/l
RT: 7.771 min Scan# 988
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

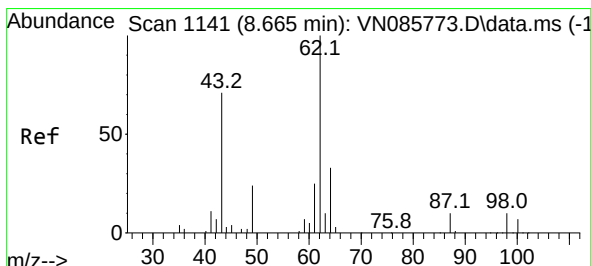
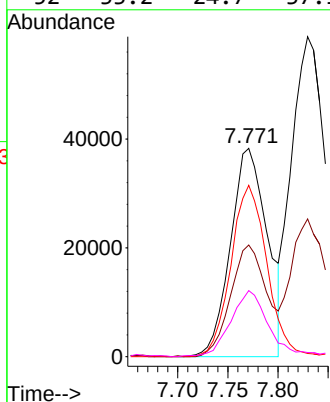
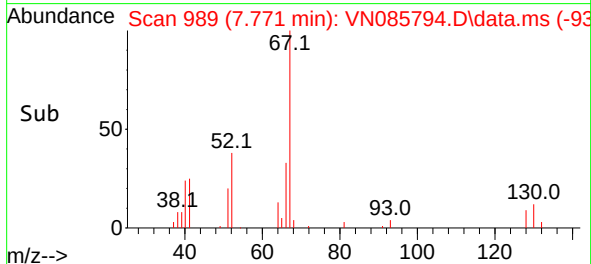
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



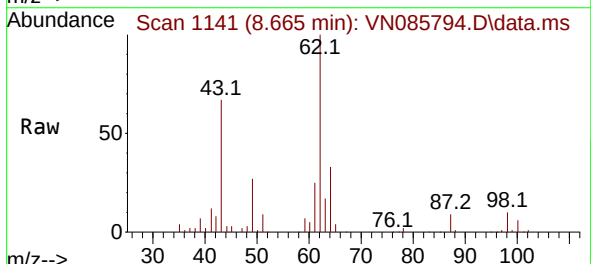
Tgt Ion: 41 Resp: 98118
Ion Ratio Lower Upper
41 100
39 52.7 42.0 63.0
67 80.7 64.2 96.4
52 33.2 24.7 37.1

Manual Integrations
APPROVED

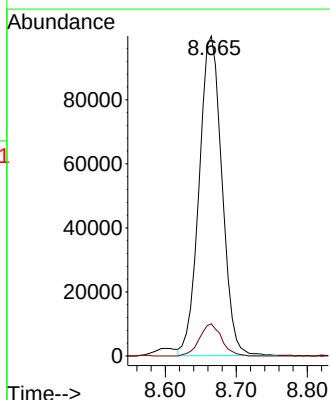
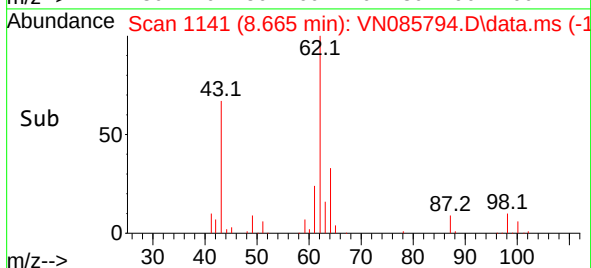
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

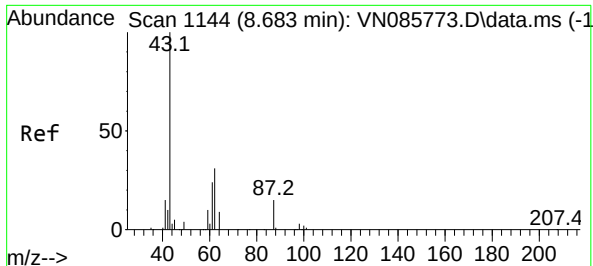


#42
1,2-Dichloroethane
Concen: 49.645 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



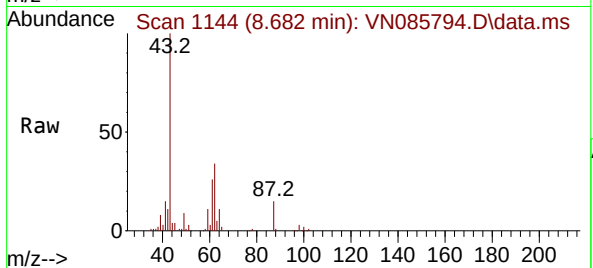
Tgt Ion: 62 Resp: 223169
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 45.637 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

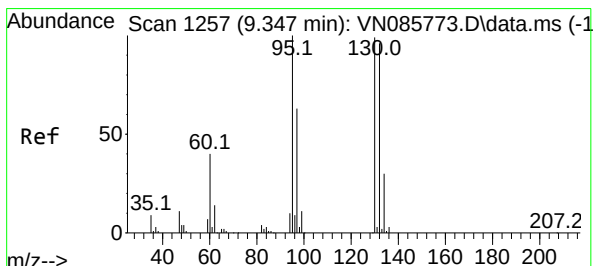
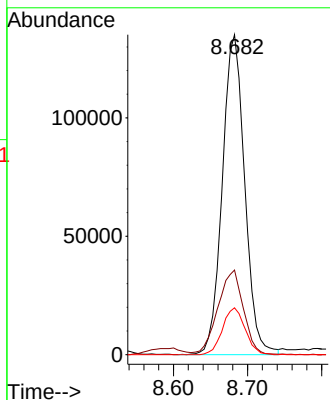
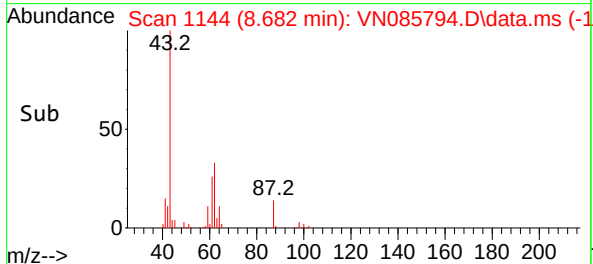
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28410
Ion Ratio Lower Upper
43 100
61 30.1 22.6 34.0
87 14.8 11.8 17.8

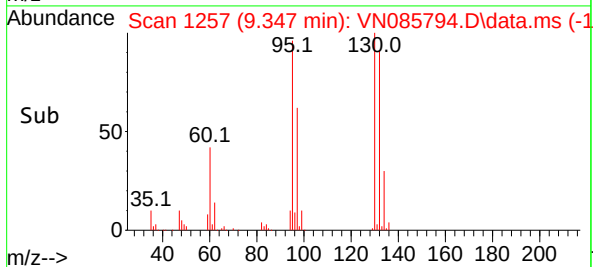
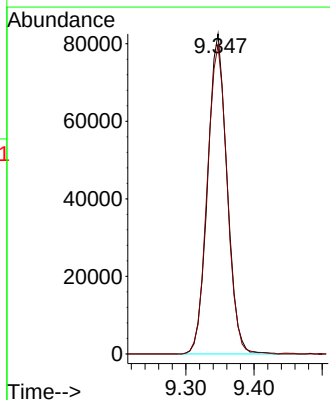
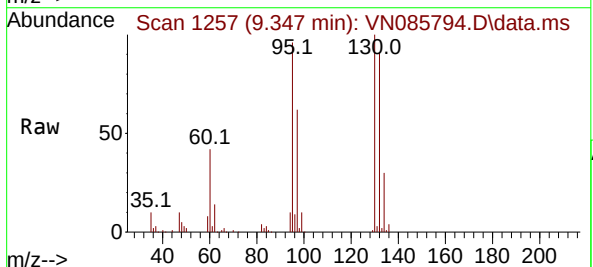
Manual Integrations
APPROVED

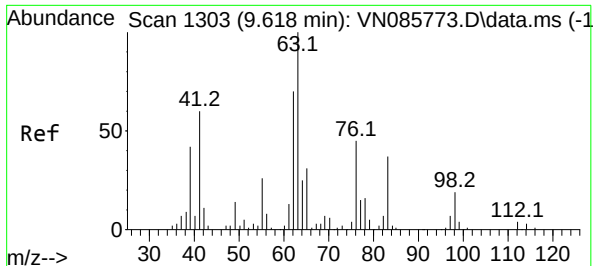
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#44
Trichloroethene
Concen: 48.253 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

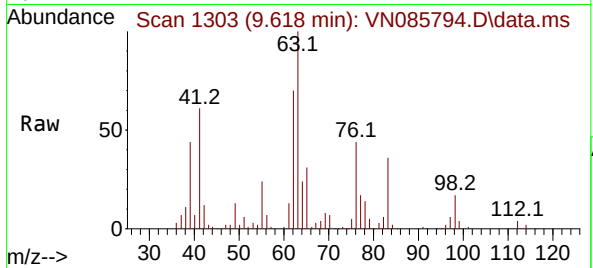
Tgt Ion:130 Resp: 163505
Ion Ratio Lower Upper
130 100
95 96.5 0.0 202.6





#45
1,2-Dichloropropane
Concen: 50.655 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

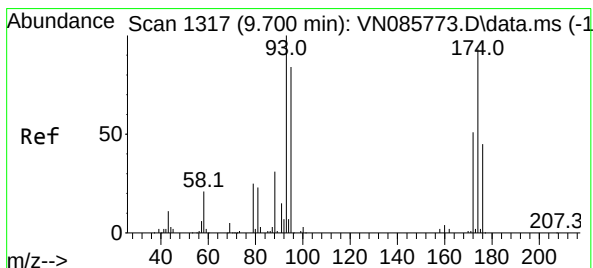
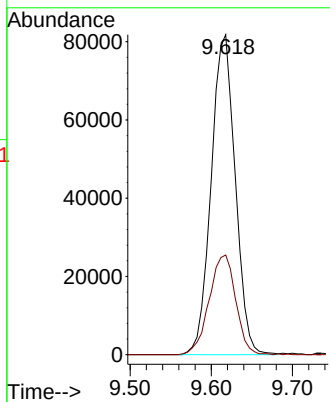
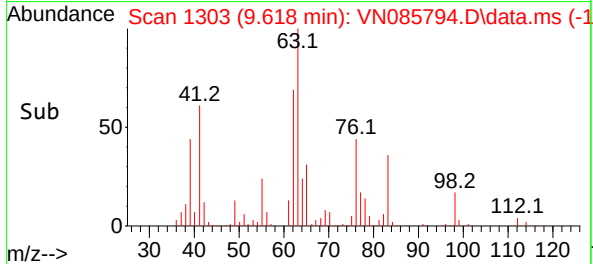
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



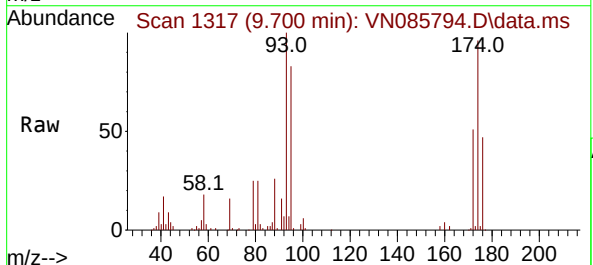
Tgt Ion: 63 Resp: 16874
Ion Ratio Lower Upper
63 100
65 31.2 25.1 37.7

Manual Integrations
APPROVED

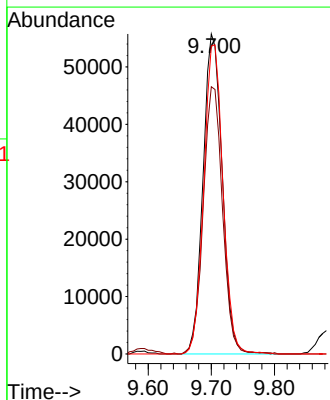
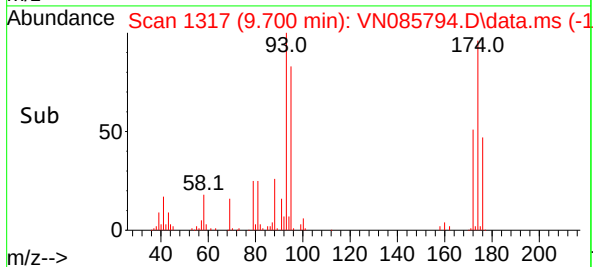
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

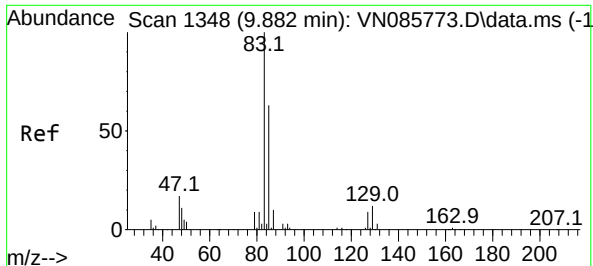


#46
Dibromomethane
Concen: 50.126 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



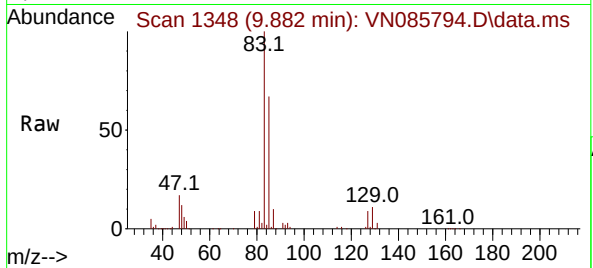
Tgt Ion: 93 Resp: 117784
Ion Ratio Lower Upper
93 100
95 83.9 66.7 100.1
174 96.8 77.2 115.8





#47
Bromodichloromethane
Concen: 50.716 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

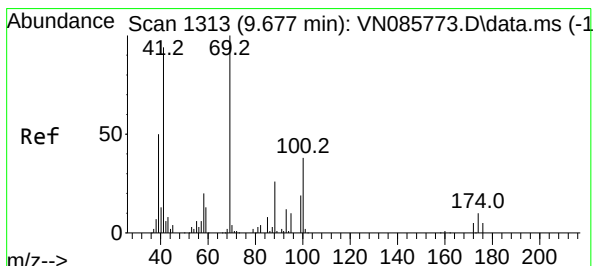
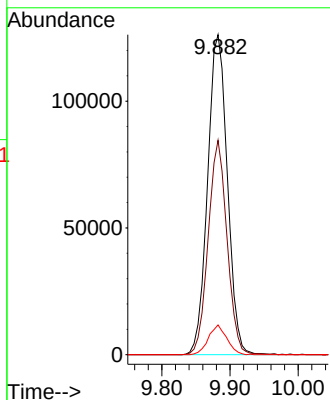
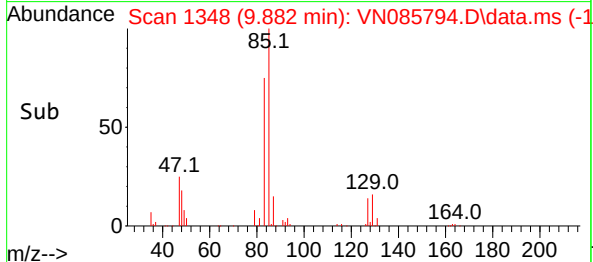
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



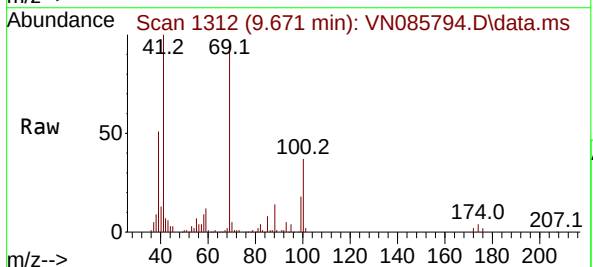
Tgt Ion: 83 Resp: 25496
Ion Ratio Lower Upper
83 100
85 67.0 50.5 75.7
127 9.3 7.2 10.8

Manual Integrations
APPROVED

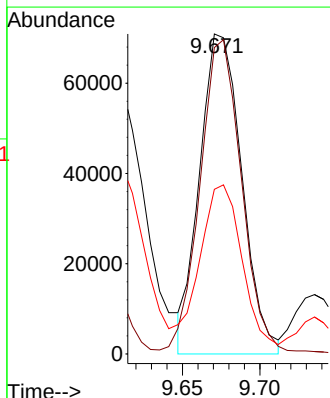
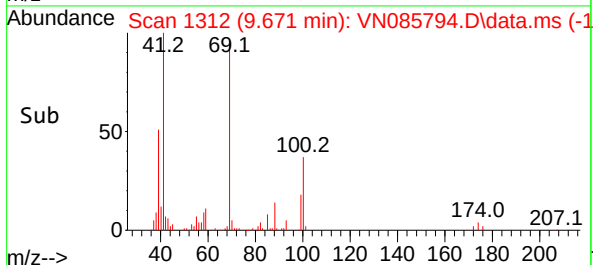
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

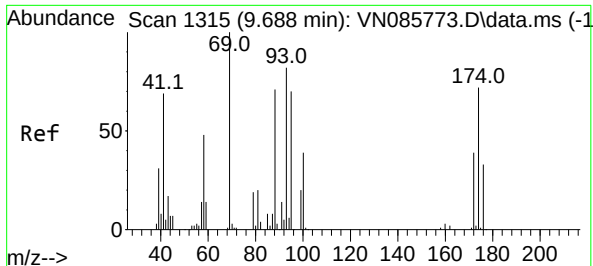


#48
Methyl methacrylate
Concen: 51.025 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



Tgt Ion: 41 Resp: 134279
Ion Ratio Lower Upper
41 100
69 97.6 76.0 114.0
39 54.7 42.3 63.5





#49

1,4-Dioxane

Concen: 947.434 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085794.D

Acq: 20 Feb 2025 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4741

Ion Ratio Lower Upper

88 100

43 27.4 18.6 27.8

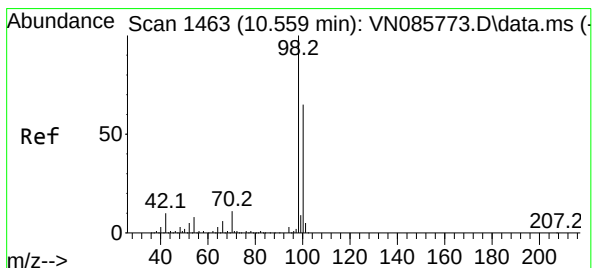
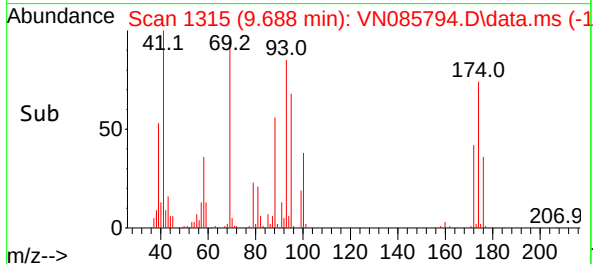
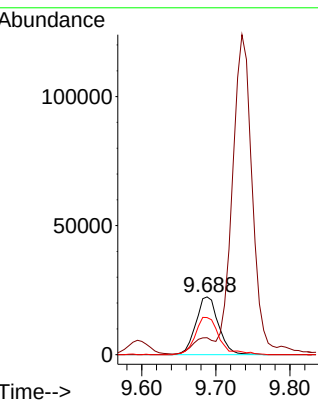
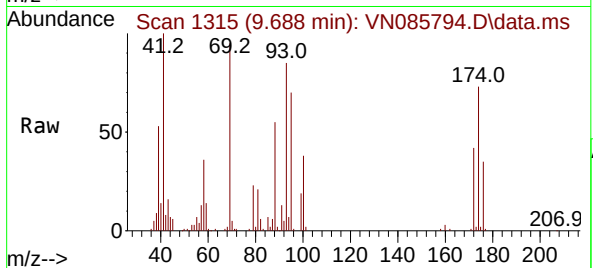
58 68.7 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#50

Toluene-d8

Concen: 54.817 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.000 min

Lab File: VN085794.D

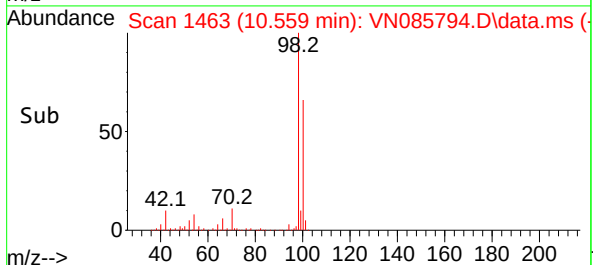
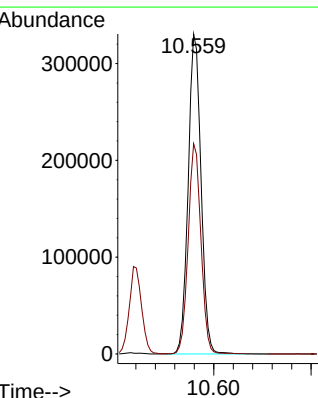
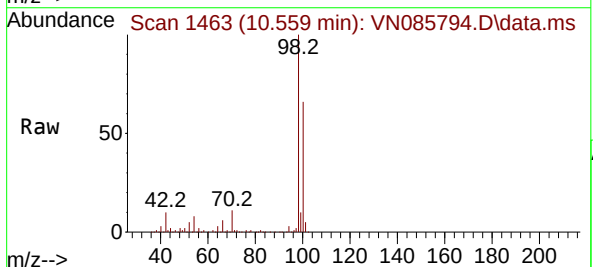
Acq: 20 Feb 2025 10:46

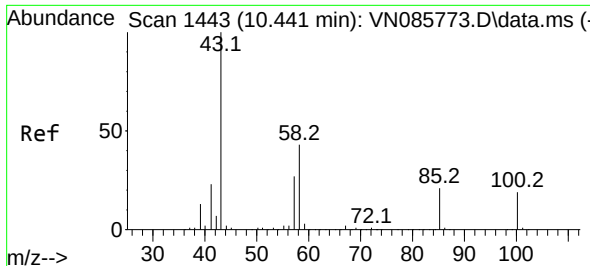
Tgt Ion: 98 Resp: 606795

Ion Ratio Lower Upper

98 100

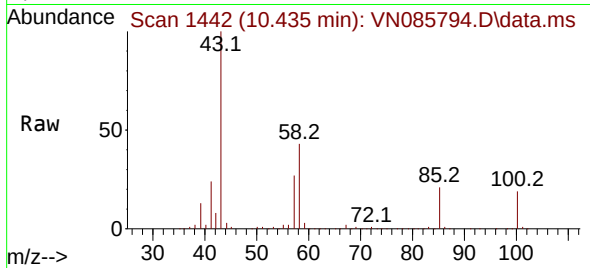
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 254.514 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

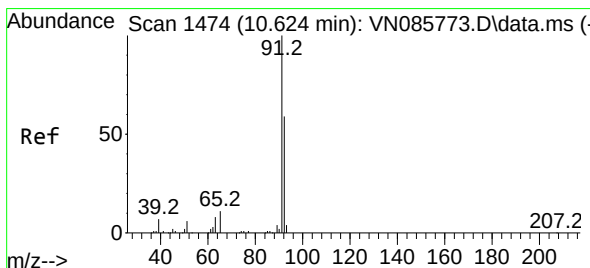
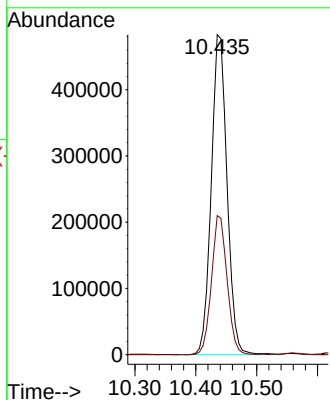
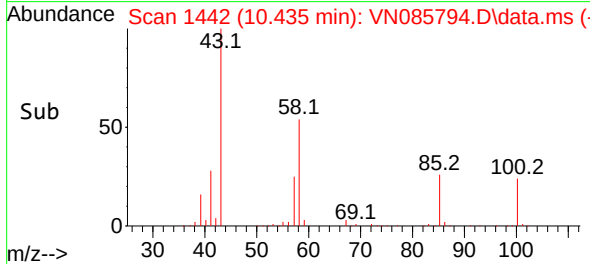
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 869528
Ion Ratio Lower Upper
43 100
58 43.0 34.6 52.0

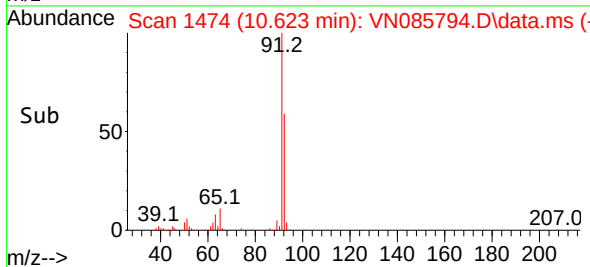
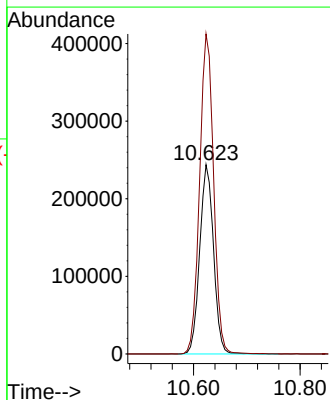
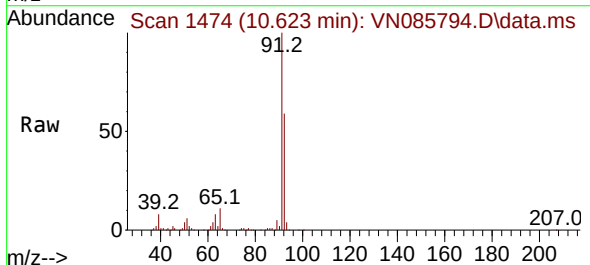
Manual Integrations
APPROVED

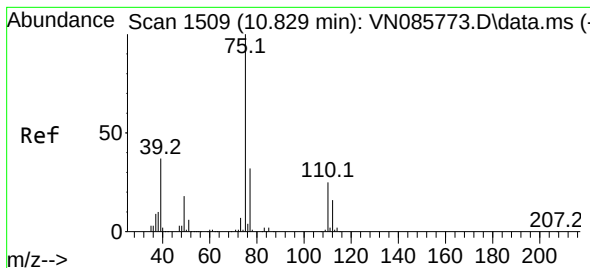
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#52
Toluene
Concen: 54.170 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

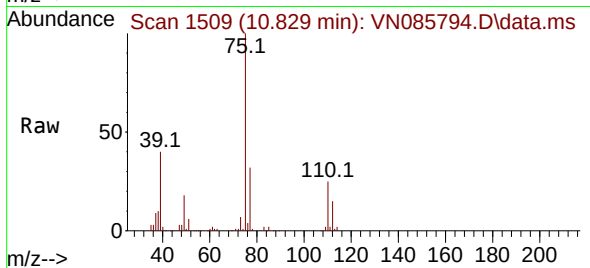
Tgt Ion: 92 Resp: 438222
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 52.449 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

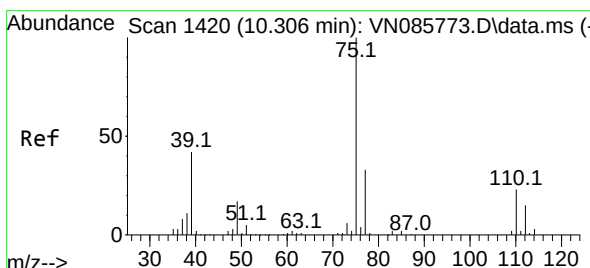
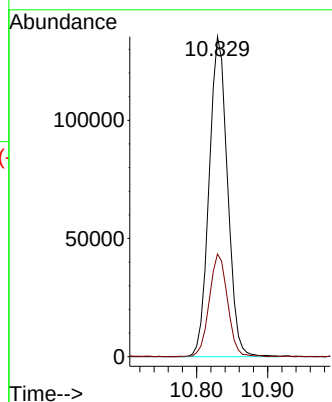
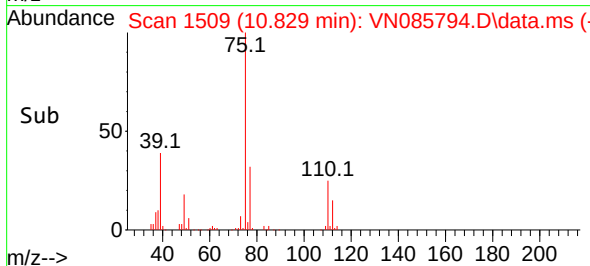
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 243812
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

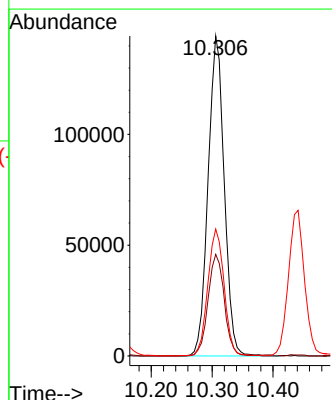
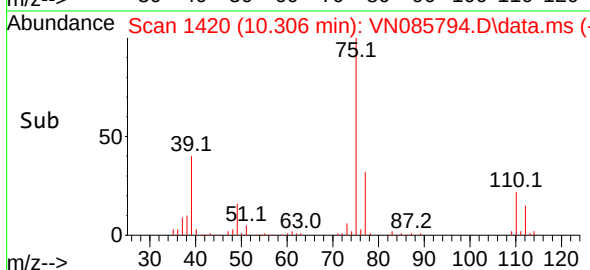
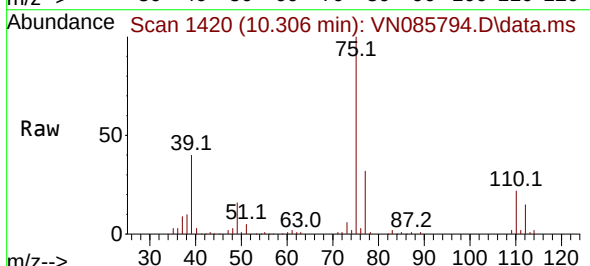
Manual Integrations
APPROVED

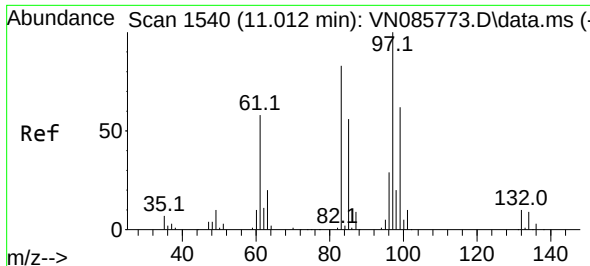
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#54
cis-1,3-Dichloropropene
Concen: 52.229 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

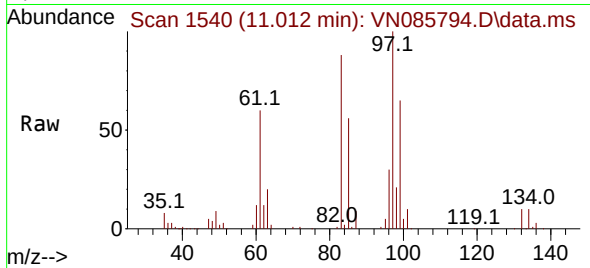
Tgt Ion: 75 Resp: 266236
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 39.5 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 49.905 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

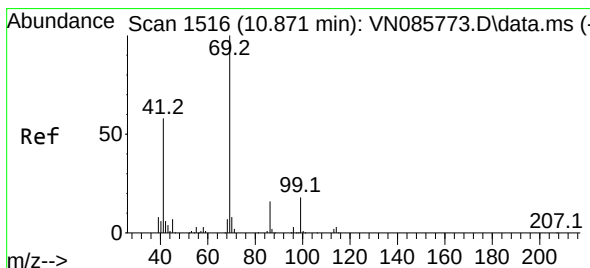
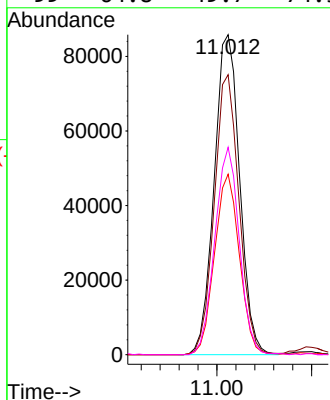
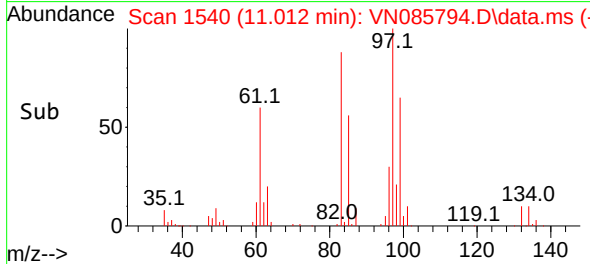
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



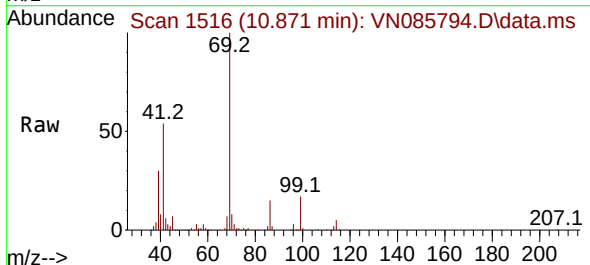
Tgt Ion: 97 Resp: 160510
Ion Ratio Lower Upper
97 100
83 87.5 66.1 99.1
85 56.4 44.7 67.1
99 64.8 49.7 74.5

Manual Integrations
APPROVED

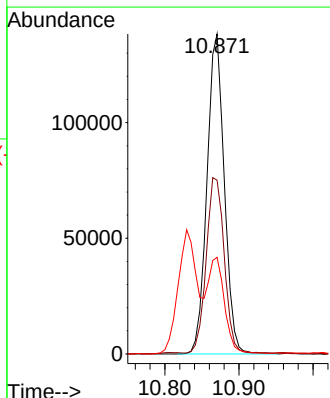
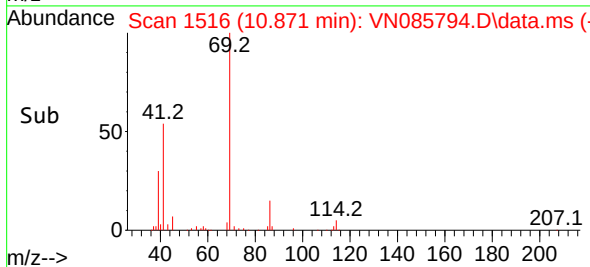
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

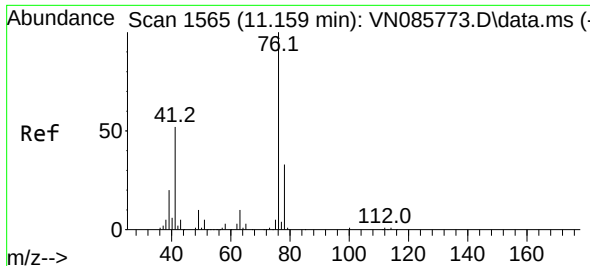


#56
Ethyl methacrylate
Concen: 48.778 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



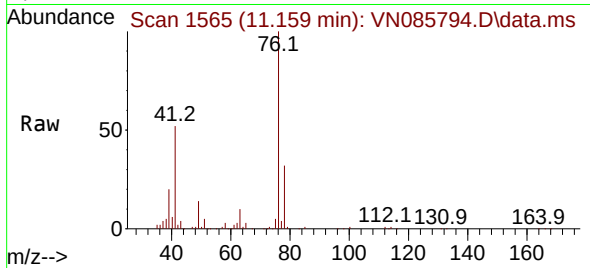
Tgt Ion: 69 Resp: 224900
Ion Ratio Lower Upper
69 100
41 57.0 46.0 69.0
39 27.8 22.0 33.0





#57
1,3-Dichloropropane
Concen: 50.979 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

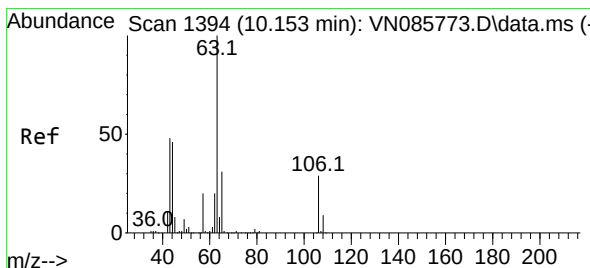
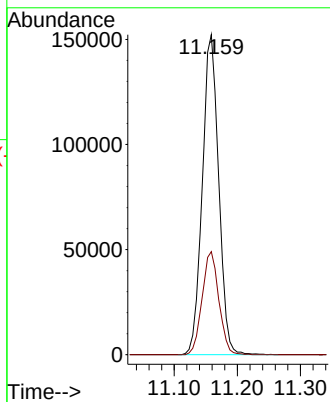
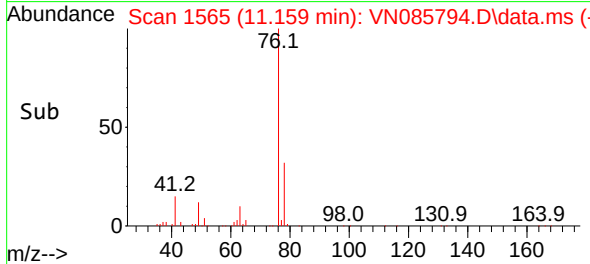
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 27372
Ion Ratio Lower Upper
76 100
78 33.0 25.9 38.9

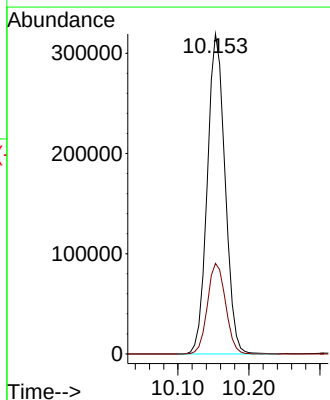
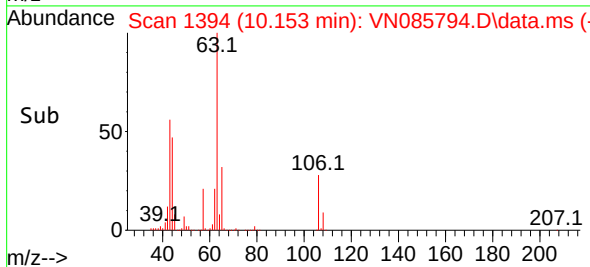
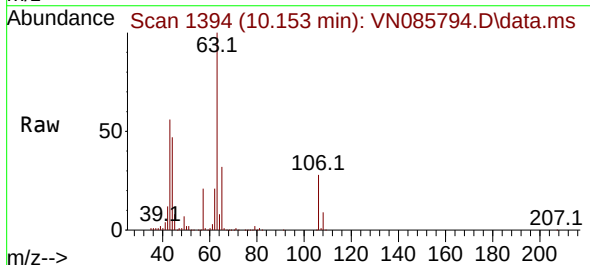
Manual Integrations
APPROVED

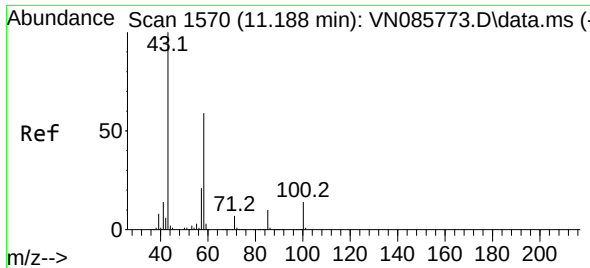
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 291.021 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

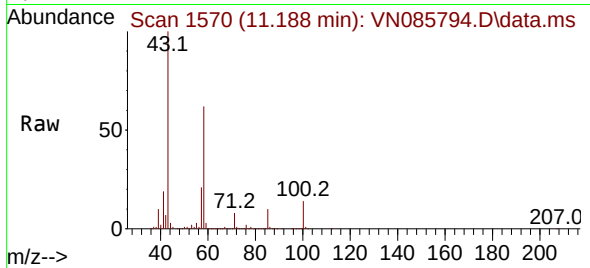
Tgt Ion: 63 Resp: 553329
Ion Ratio Lower Upper
63 100
106 28.9 22.7 34.1





#59
2-Hexanone
Concen: 262.961 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

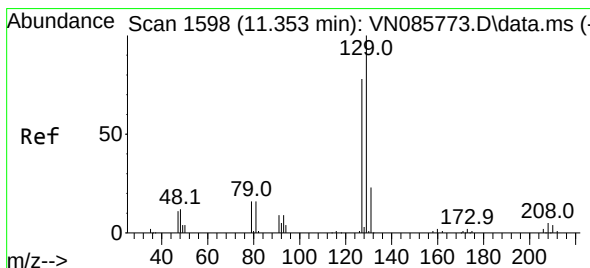
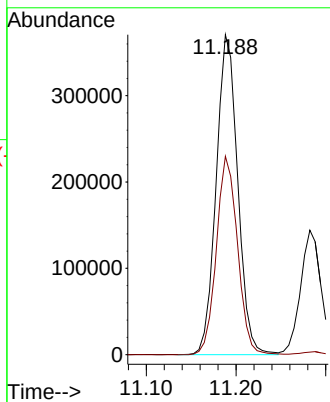
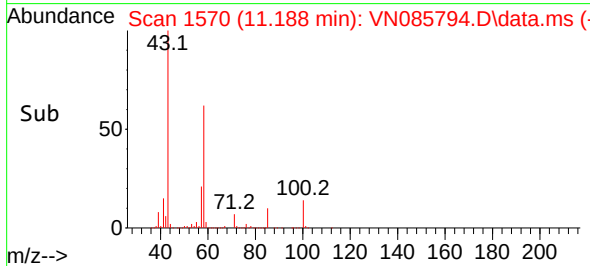
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



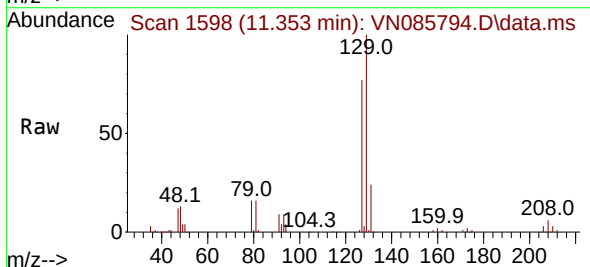
Tgt Ion: 43 Resp: 61804
Ion Ratio Lower Upper
43 100
58 60.8 29.8 89.5

Manual Integrations
APPROVED

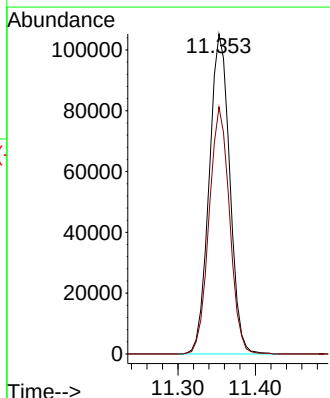
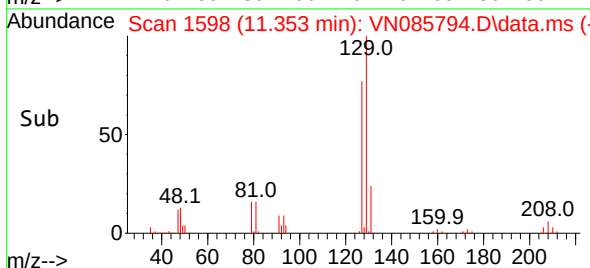
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

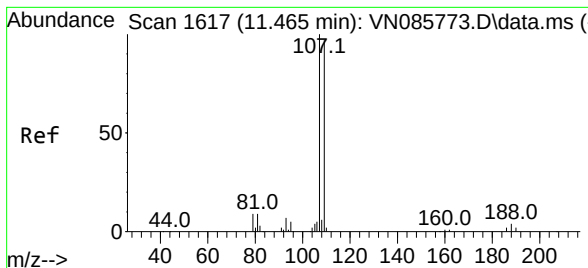


#60
Dibromochloromethane
Concen: 51.823 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



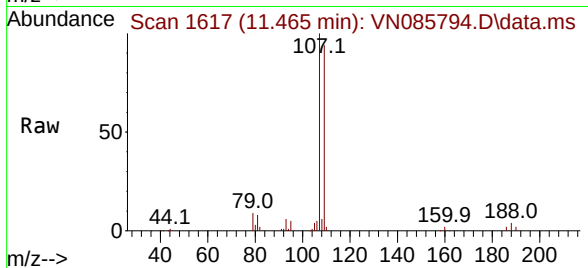
Tgt Ion:129 Resp: 194098
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 51.391 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

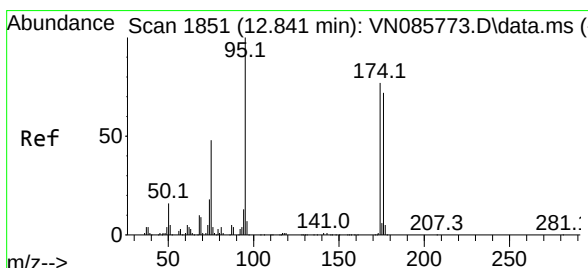
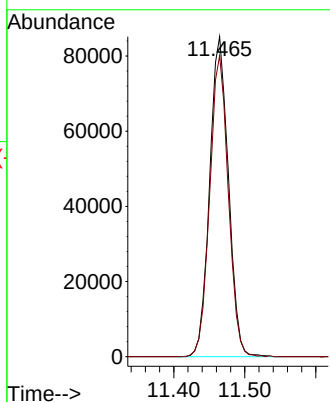
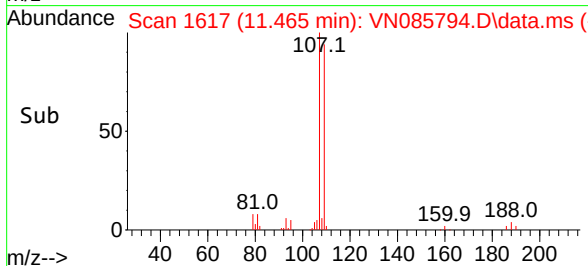
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



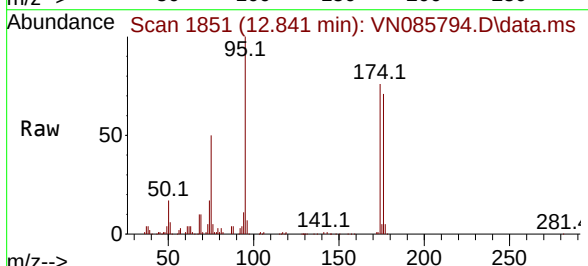
Tgt Ion:107 Resp: 156178
Ion Ratio Lower Upper
107 100
109 93.0 76.0 114.0

Manual Integrations
APPROVED

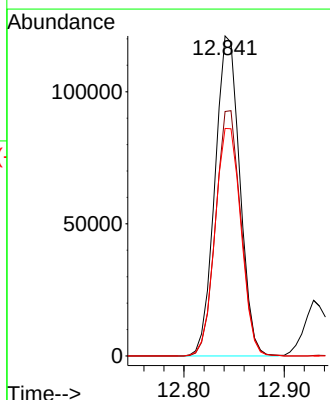
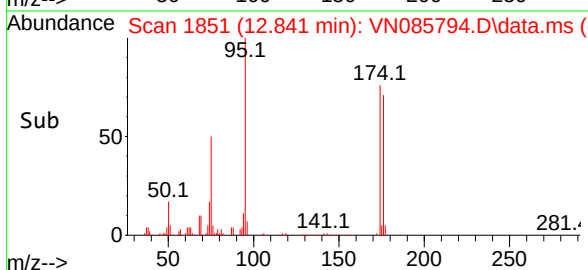
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

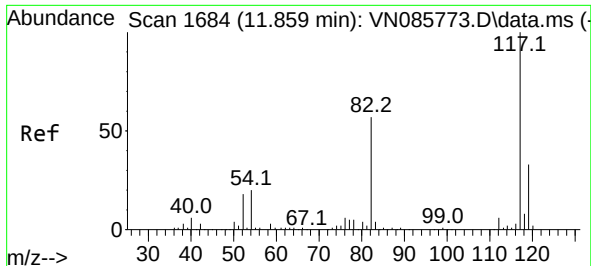


#62
4-Bromofluorobenzene
Concen: 57.233 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



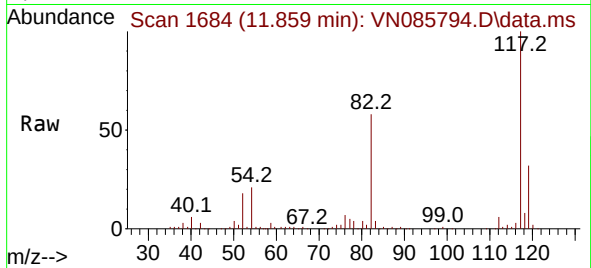
Tgt Ion: 95 Resp: 208736
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.4
176 74.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

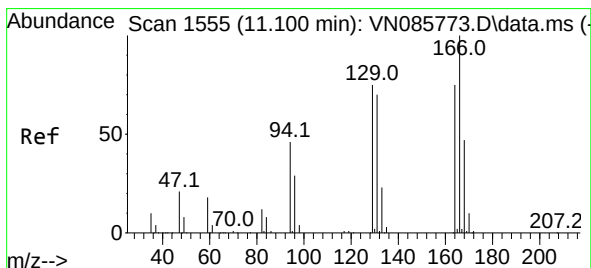
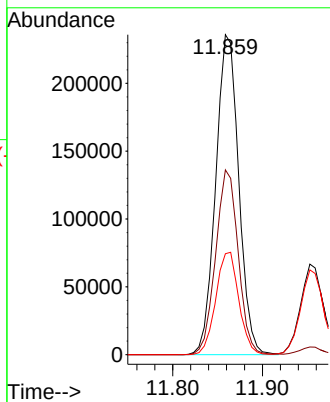
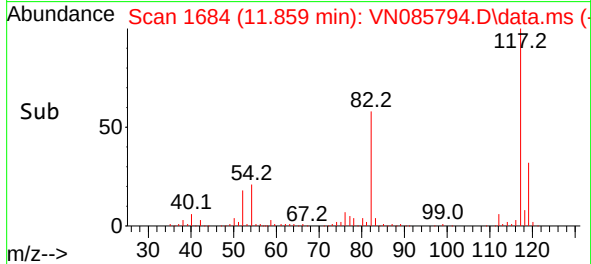
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 420832
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 31.5 26.2 39.2

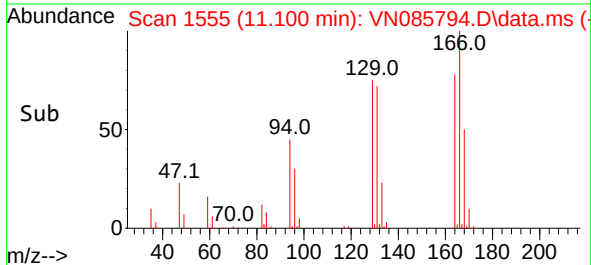
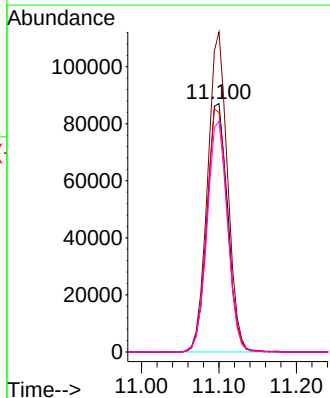
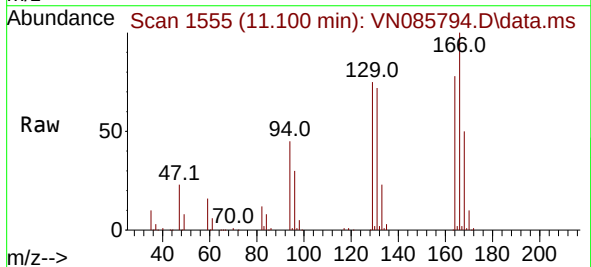
Manual Integrations
APPROVED

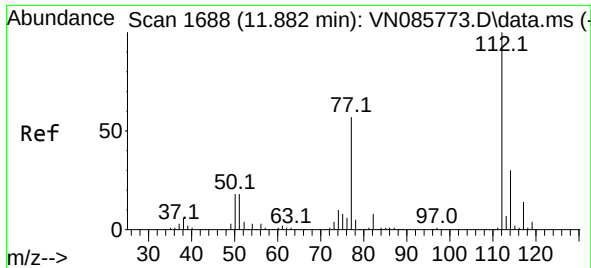
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#64
Tetrachloroethene
Concen: 49.252 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

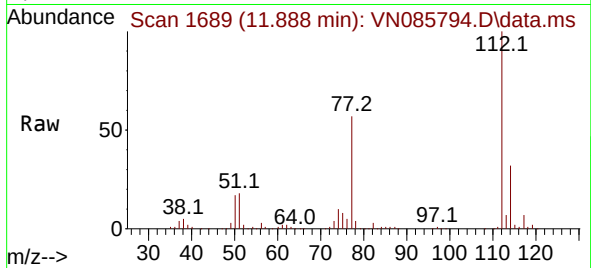
Tgt Ion:164 Resp: 160571
Ion Ratio Lower Upper
164 100
166 128.9 107.2 160.8
129 96.4 80.7 121.1
131 93.0 74.6 112.0





#65
Chlorobenzene
Concen: 48.286 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

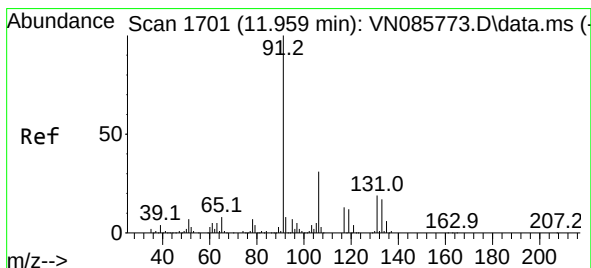
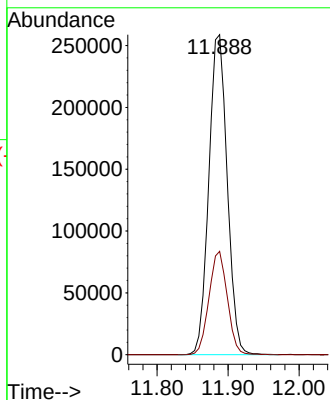
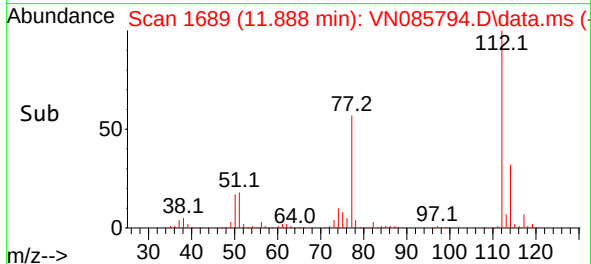
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



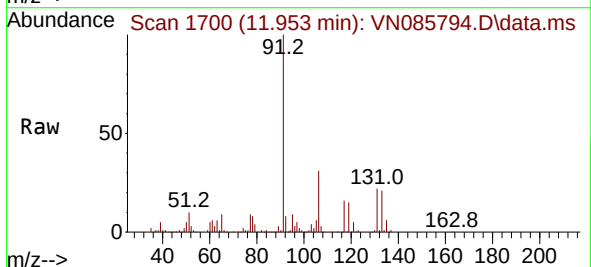
Tgt Ion:112 Resp: 465504
Ion Ratio Lower Upper
112 100
114 32.3 24.3 36.5

Manual Integrations
APPROVED

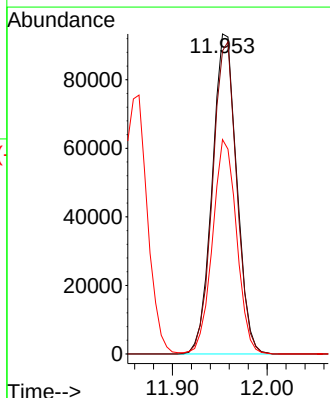
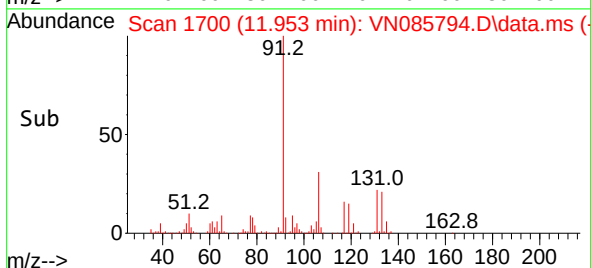
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

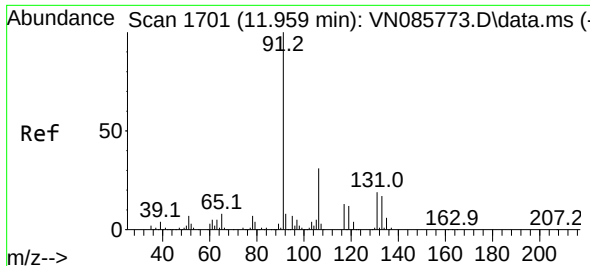


#66
1,1,1,2-Tetrachloroethane
Concen: 48.474 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



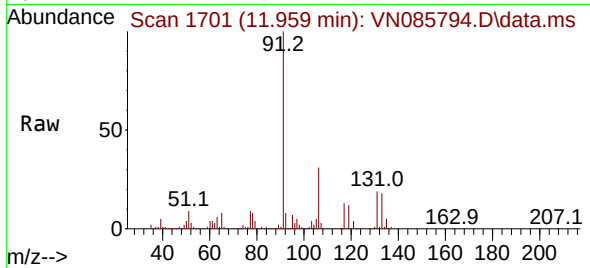
Tgt Ion:131 Resp: 167969
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 65.9 33.3 99.8





#67
Ethyl Benzene
Concen: 53.060 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

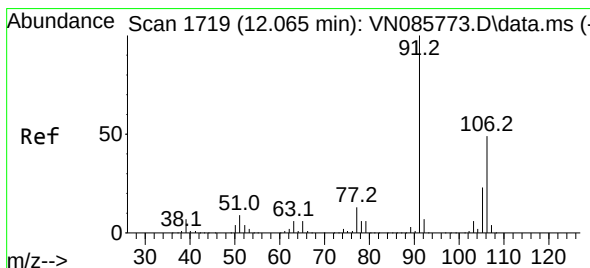
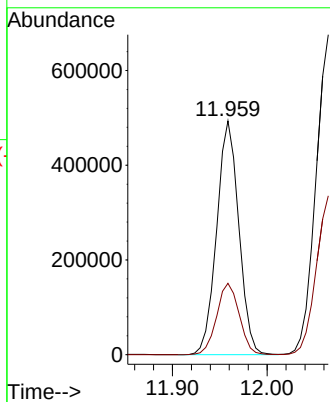
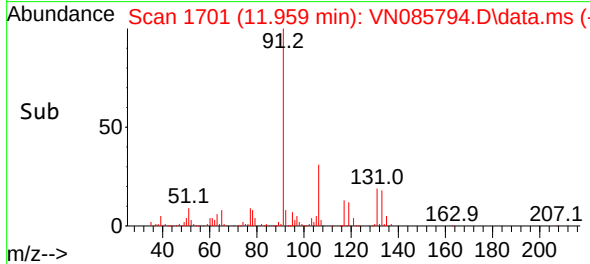
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



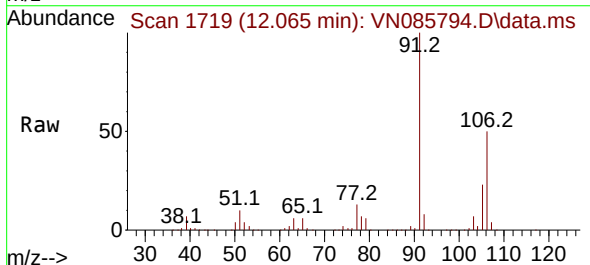
Tgt Ion: 91 Resp: 801295
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

Manual Integrations
APPROVED

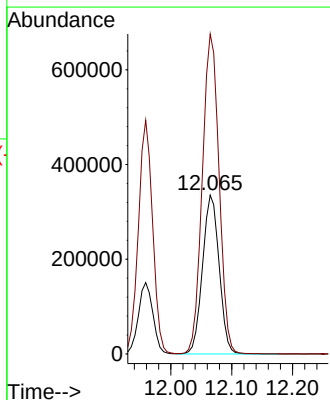
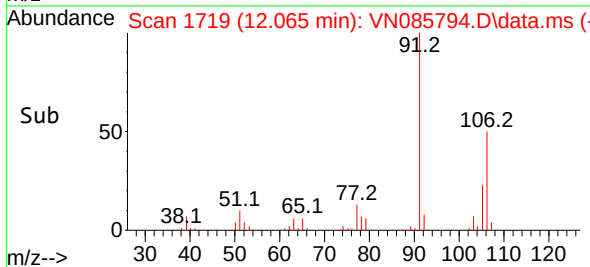
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

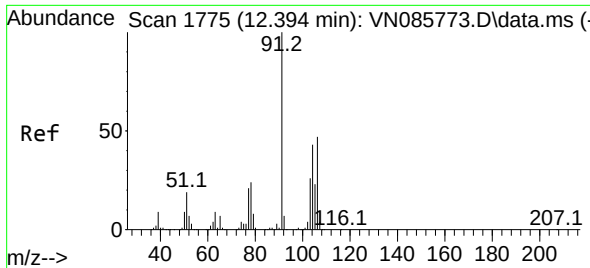


#68
m/p-Xylenes
Concen: 110.727 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



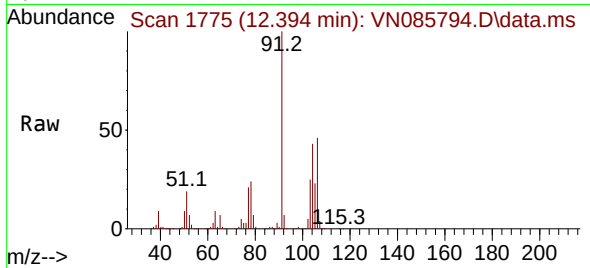
Tgt Ion:106 Resp: 635164
Ion Ratio Lower Upper
106 100
91 203.4 163.3 244.9





#69
o-Xylene
Concen: 53.594 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

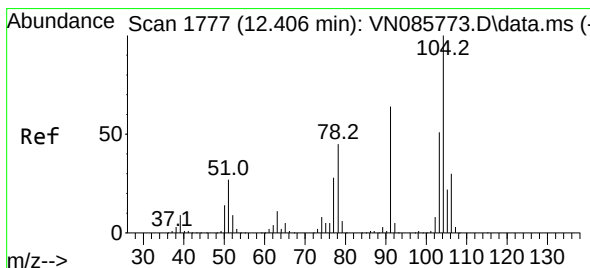
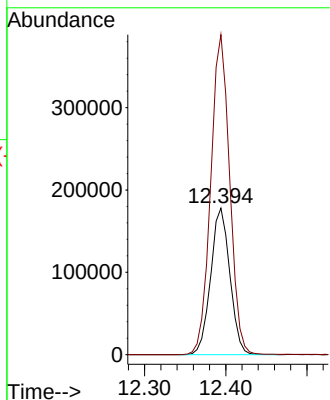
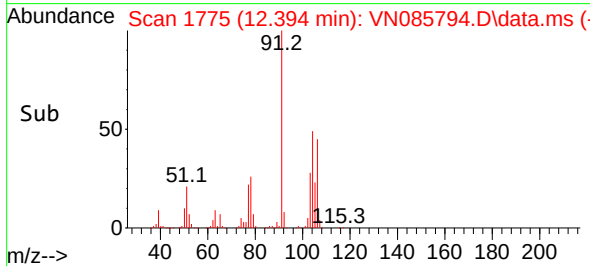
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 292138
Ion Ratio Lower Upper
106 100
91 215.9 107.1 321.4

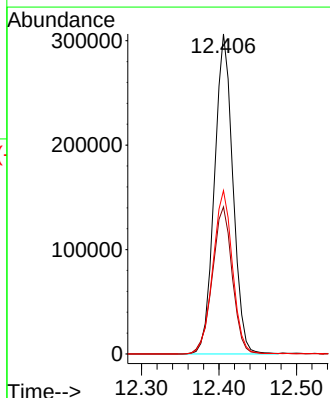
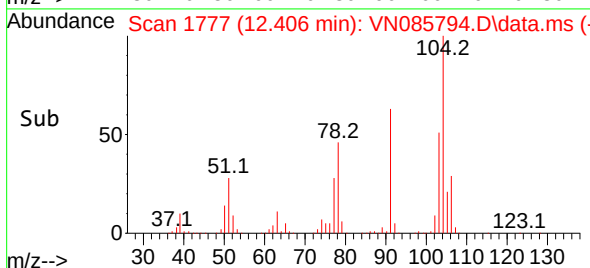
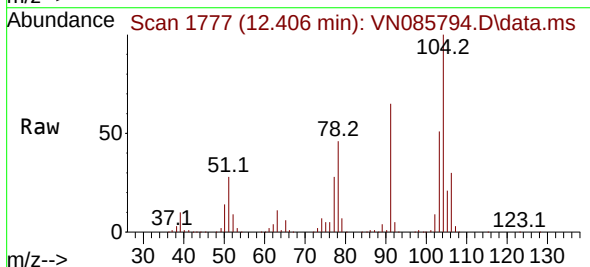
Manual Integrations
APPROVED

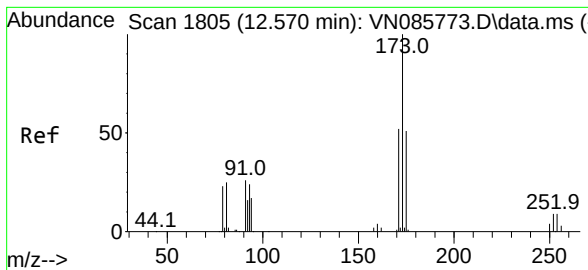
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#70
Styrene
Concen: 49.959 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

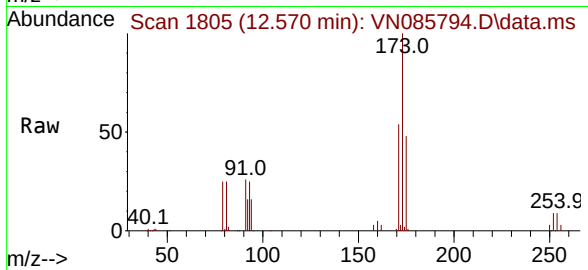
Tgt Ion:104 Resp: 506734
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 54.2 43.3 64.9





#71
Bromoform
Concen: 49.442 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

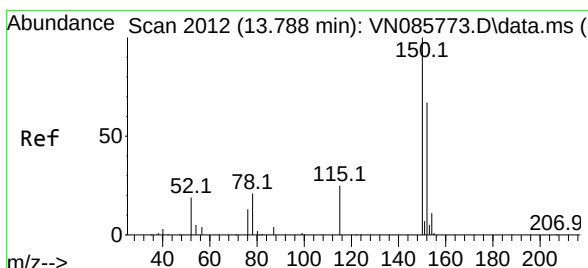
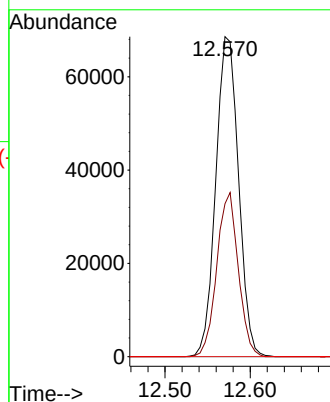
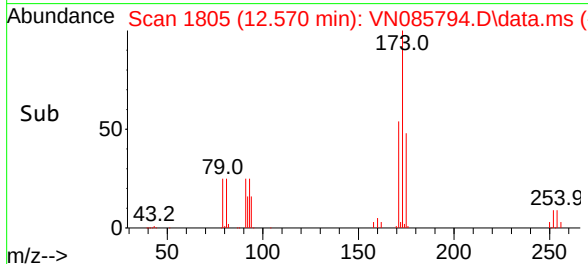
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



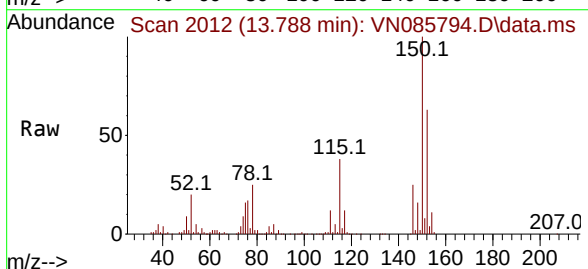
Tgt Ion:173 Resp: 127304
Ion Ratio Lower Upper
173 100
175 48.5 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

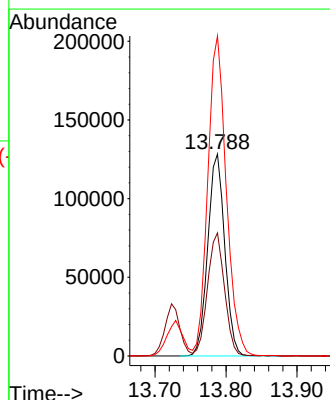
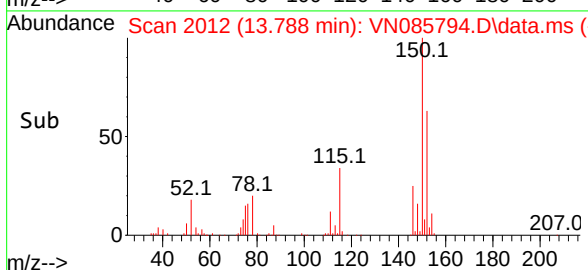
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

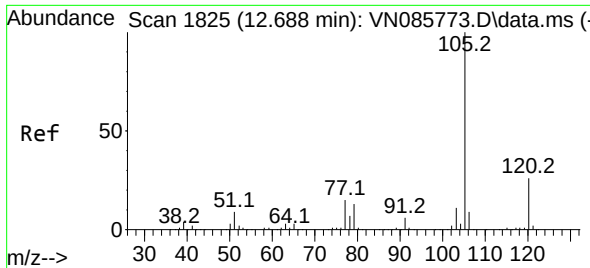


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



Tgt Ion:152 Resp: 213556
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 172.2 0.0 345.4





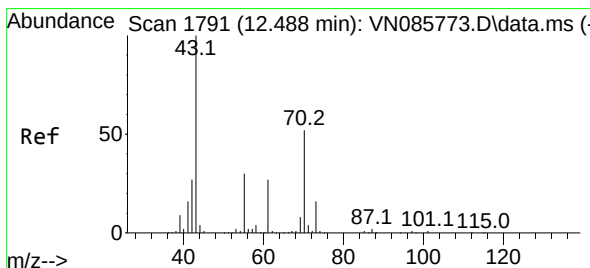
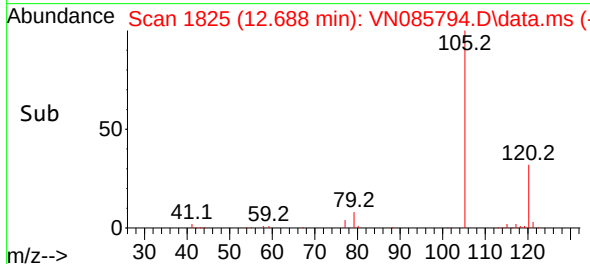
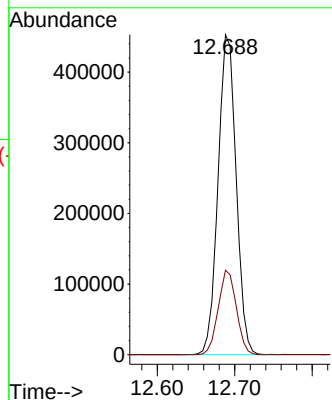
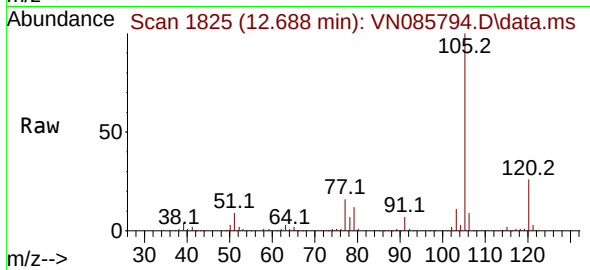
#73
Isopropylbenzene
Concen: 50.249 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 73518
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

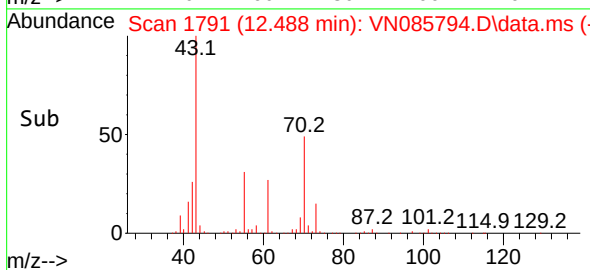
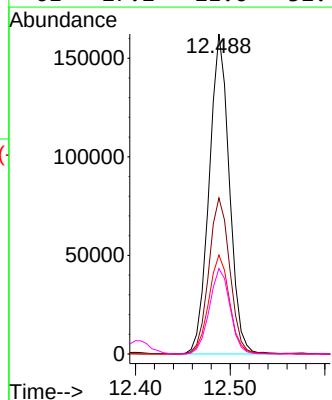
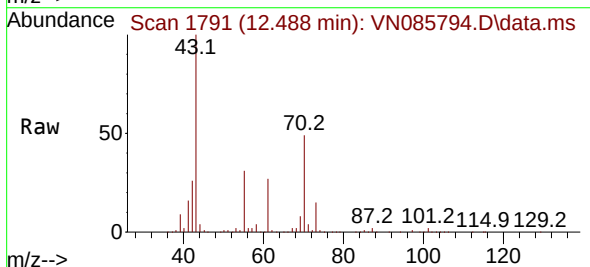
Manual Integrations
APPROVED

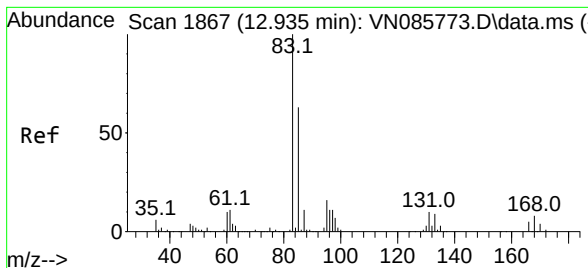
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#74
N-ethyl acetate
Concen: 46.543 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

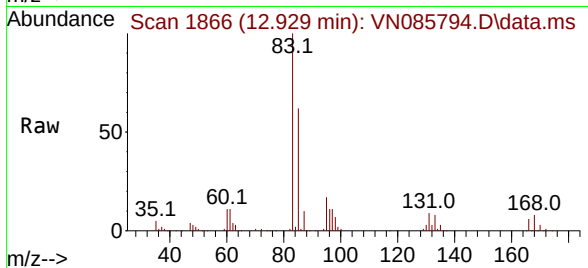
Tgt Ion: 43 Resp: 240135
Ion Ratio Lower Upper
43 100
70 50.7 41.0 61.4
55 31.9 24.6 36.8
61 27.2 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 43.497 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

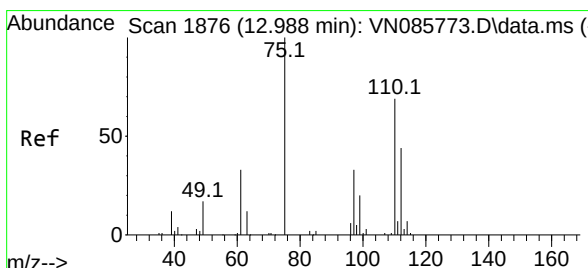
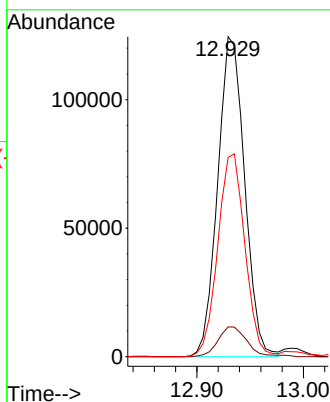
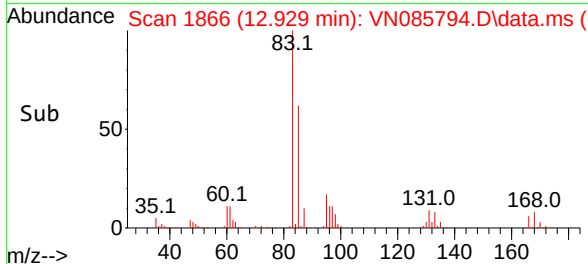
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 218988
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.7 32.2 96.6

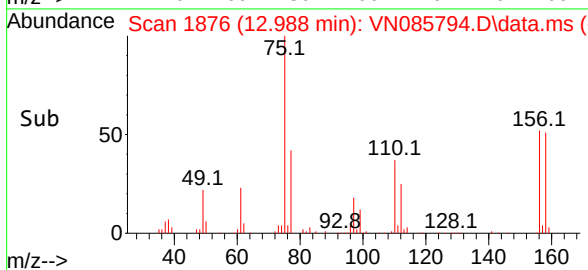
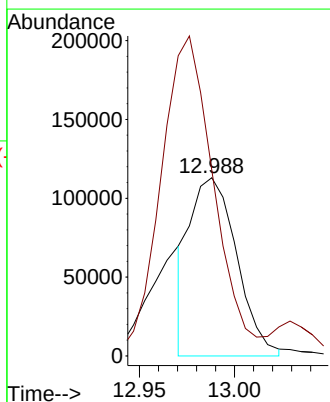
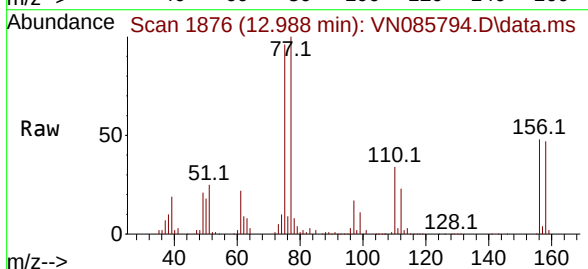
Manual Integrations
APPROVED

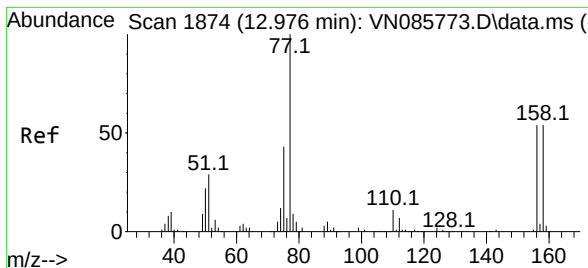
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#76
1,2,3-Trichloropropane
Concen: 40.487 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Tgt Ion: 75 Resp: 192062
Ion Ratio Lower Upper
75 100
77 204.1 100.0 300.0





#77

Bromobenzene

Concen: 48.235 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085794.D

Acq: 20 Feb 2025 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 190662

Ion Ratio Lower Upper

156 100

77 205.6 104.1 312.3

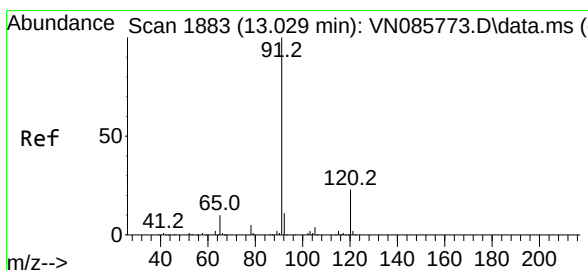
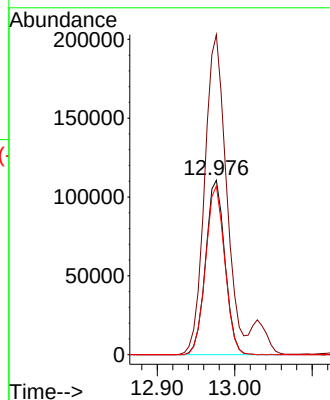
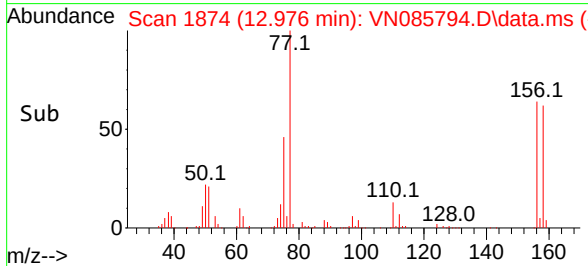
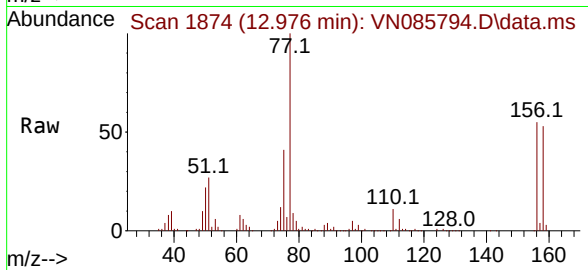
158 96.4 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#78

n-propylbenzene

Concen: 52.593 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN085794.D

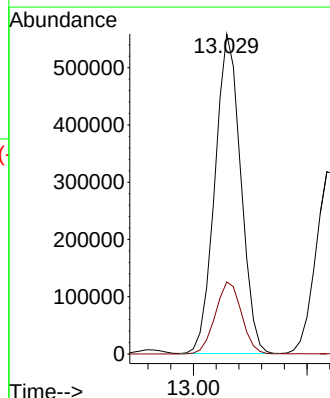
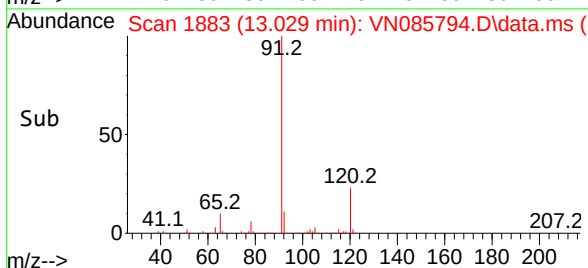
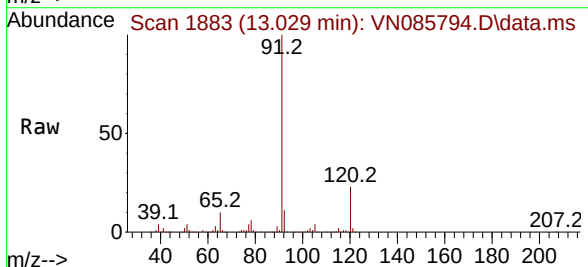
Acq: 20 Feb 2025 10:46

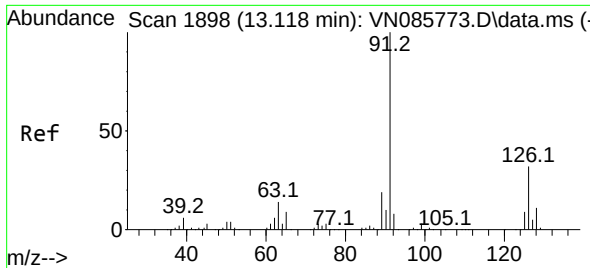
Tgt Ion: 91 Resp: 881218

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8





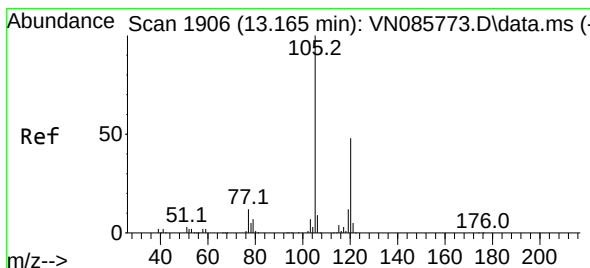
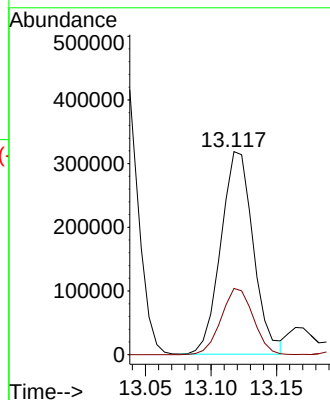
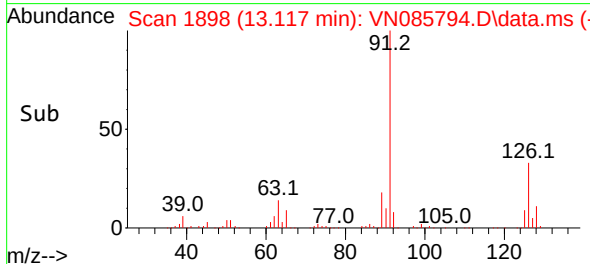
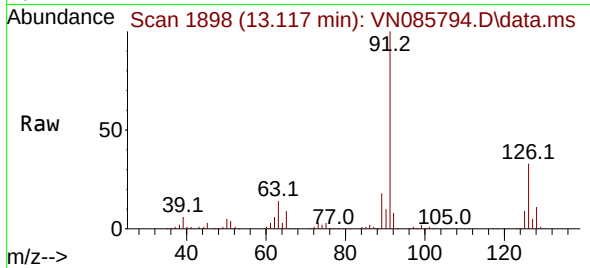
#79
2-Chlorotoluene
Concen: 49.041 ug/l
RT: 13.117 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 54901
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1

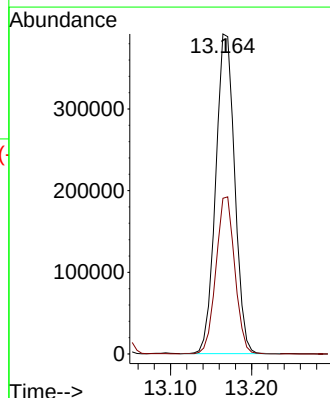
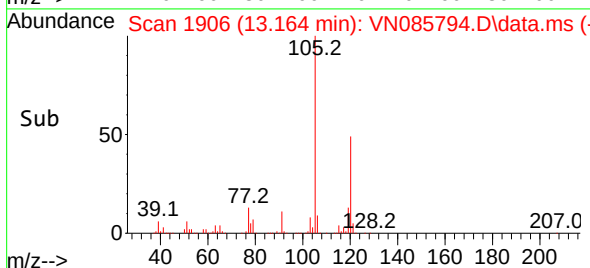
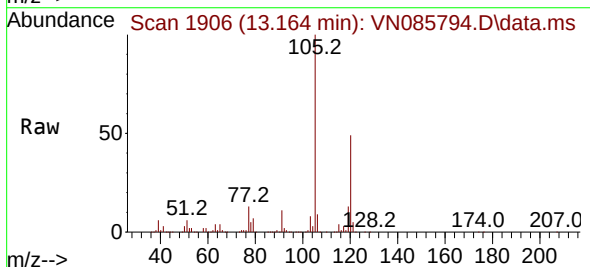
Manual Integrations
APPROVED

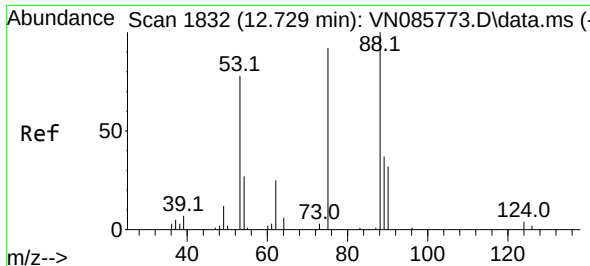
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 13.164 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

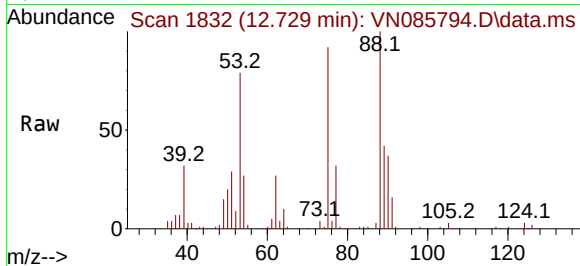
Tgt Ion:105 Resp: 637836
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 45.954 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

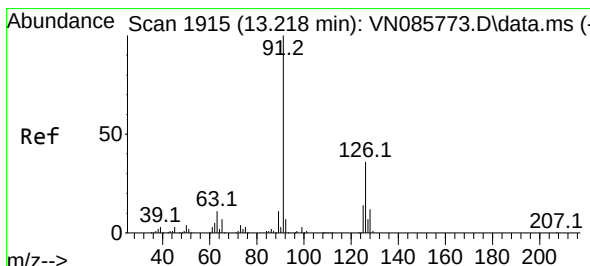
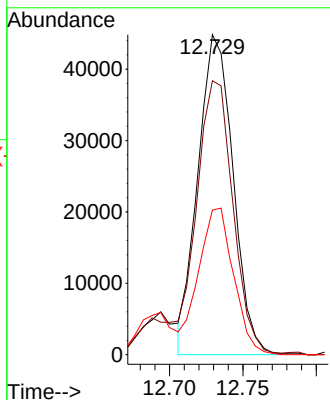
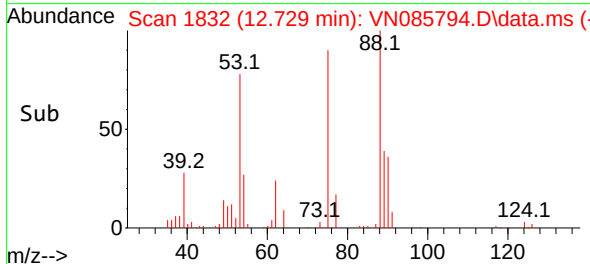
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



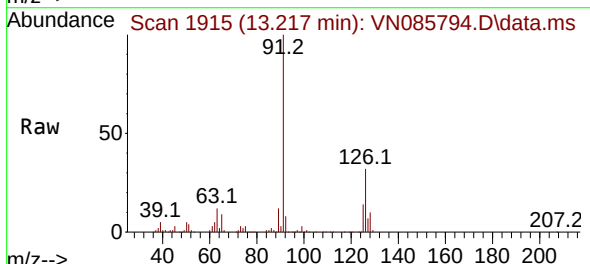
Tgt Ion: 75 Resp: 74714
Ion Ratio Lower Upper
75 100
53 89.9 74.2 111.4
89 45.9 34.9 52.3

Manual Integrations
APPROVED

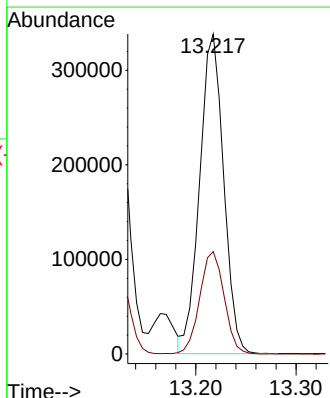
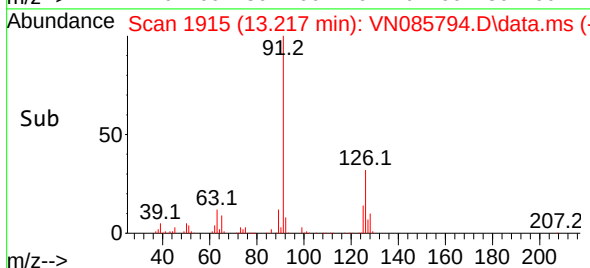
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

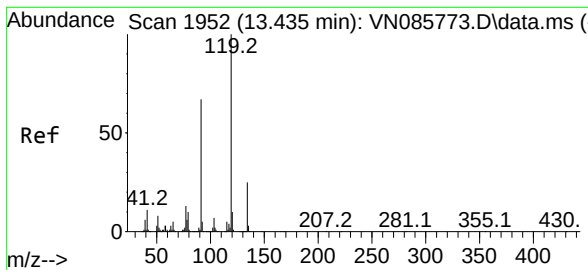


#82
4-Chlorotoluene
Concen: 50.689 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



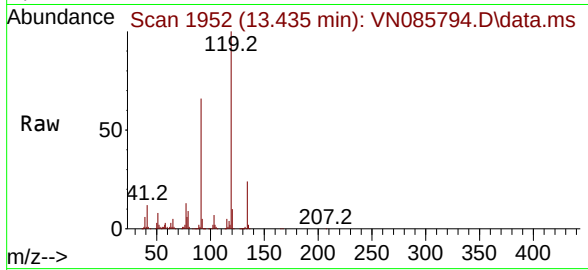
Tgt Ion: 91 Resp: 562564
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 52.270 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

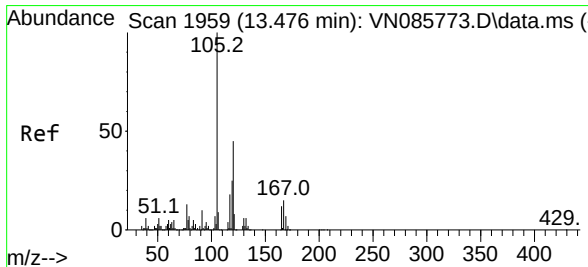
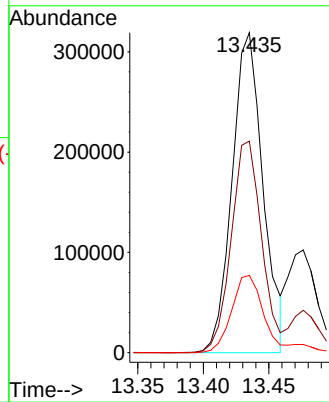
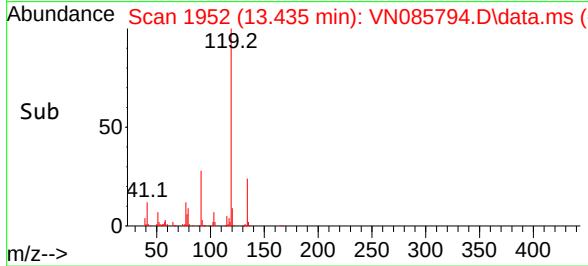
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



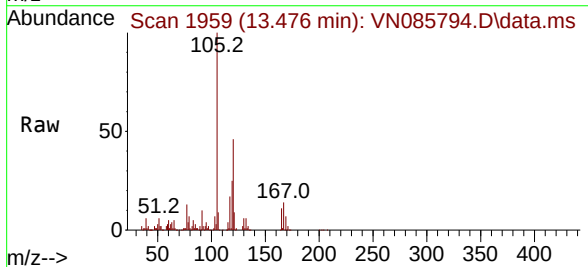
Tgt Ion:119 Resp: 52385
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.5 97.5
 134 24.7 13.3 39.9

Manual Integrations
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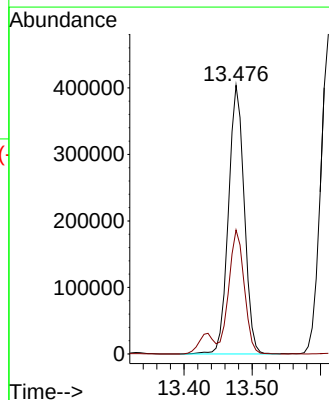
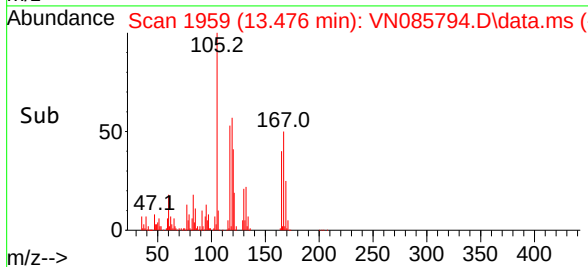
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

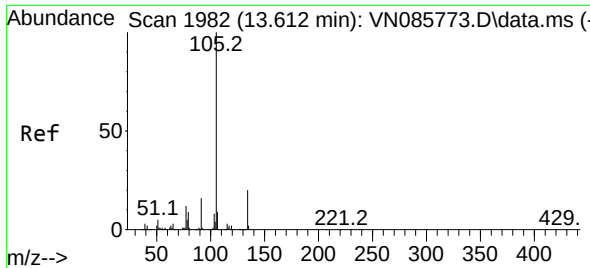


#84
 1,2,4-Trimethylbenzene
 Concen: 55.132 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46



Tgt Ion:105 Resp: 650080
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3





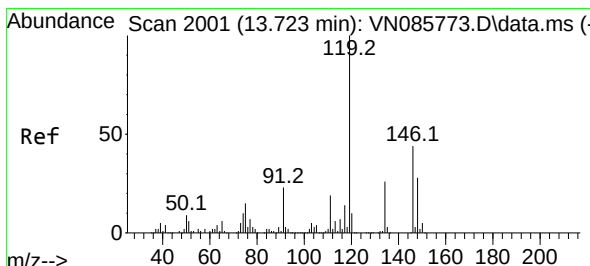
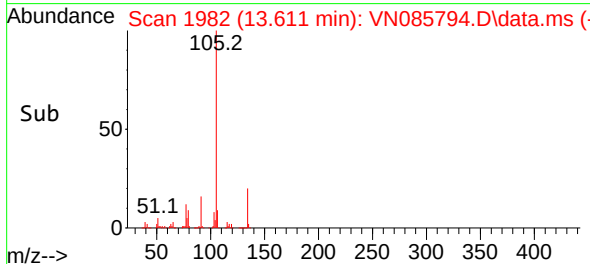
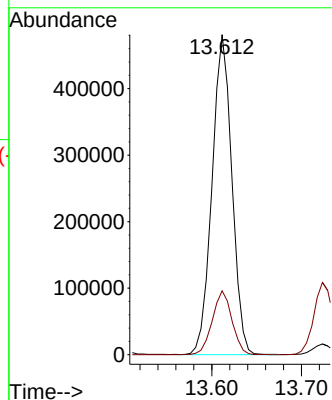
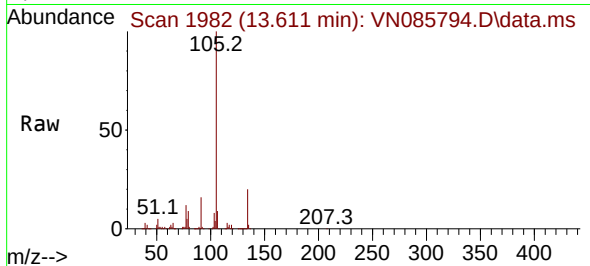
#85
 sec-Butylbenzene
 Concen: 52.097 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 737694
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

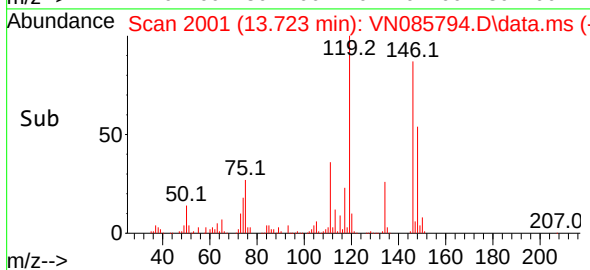
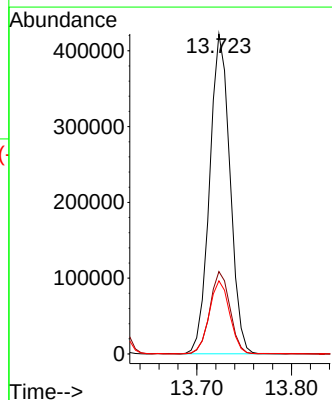
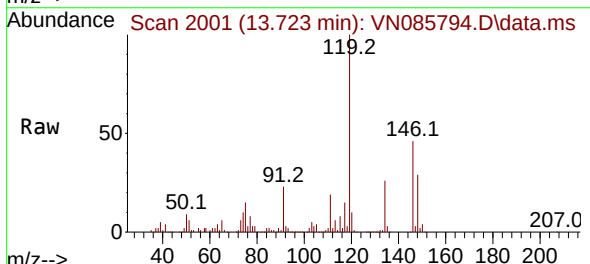
Manual Integrations
 APPROVED

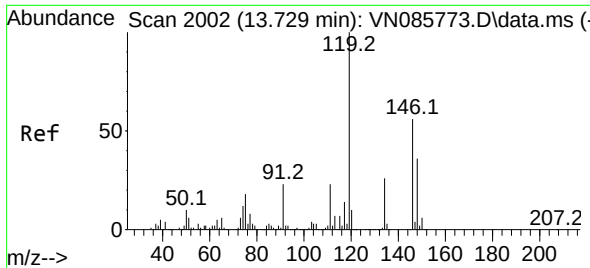
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#86
 p-Isopropyltoluene
 Concen: 48.661 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

Tgt Ion:119 Resp: 629789
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 23.0 11.7 35.1





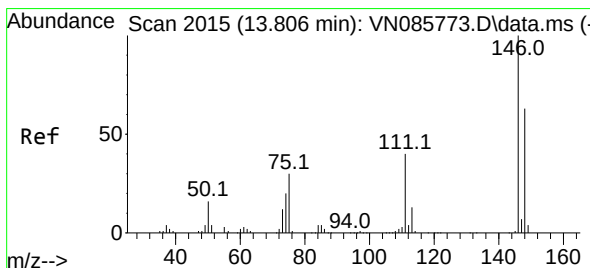
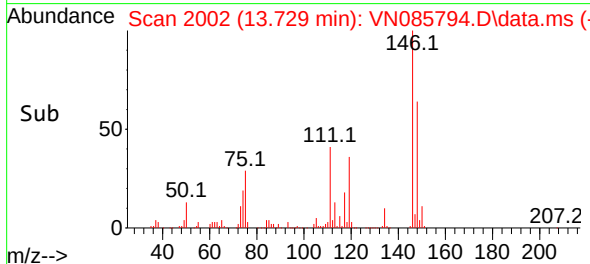
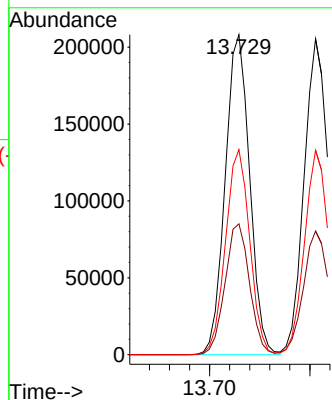
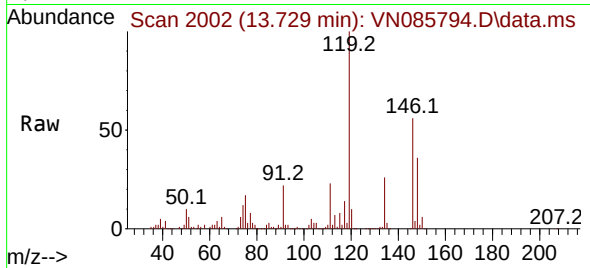
#87
 1,3-Dichlorobenzene
 Concen: 47.585 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 352400
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.1 63.3
 148 63.5 32.1 96.5

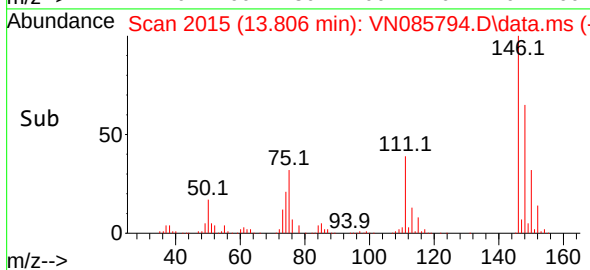
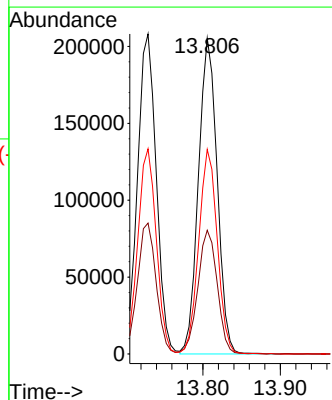
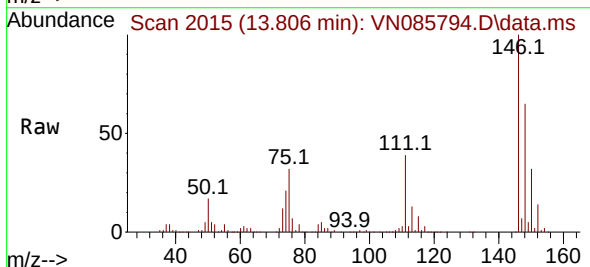
Manual Integrations
 APPROVED

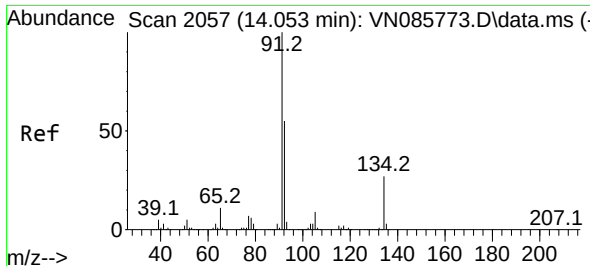
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#88
 1,4-Dichlorobenzene
 Concen: 45.474 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

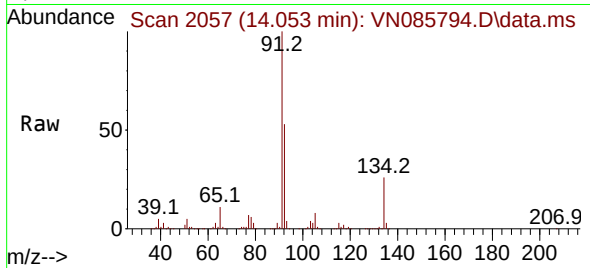
Tgt Ion:146 Resp: 345155
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.3
 148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 51.151 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

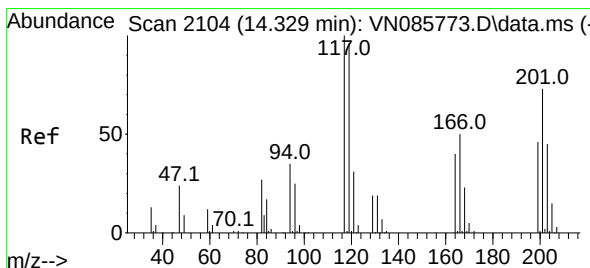
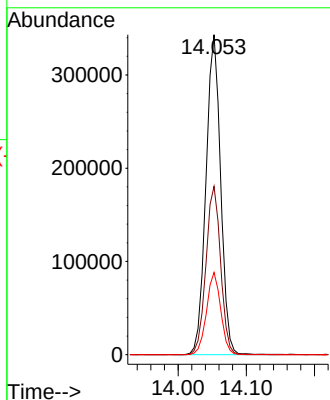
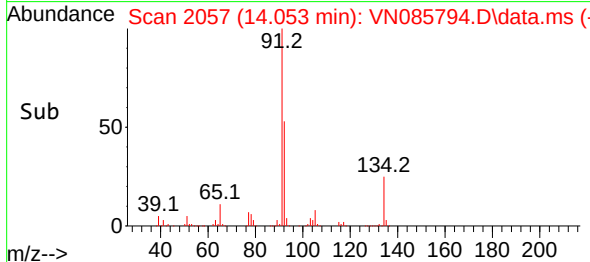
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 514244
Ion Ratio Lower Upper
91 100
92 52.6 27.1 81.3
134 24.9 12.7 38.1

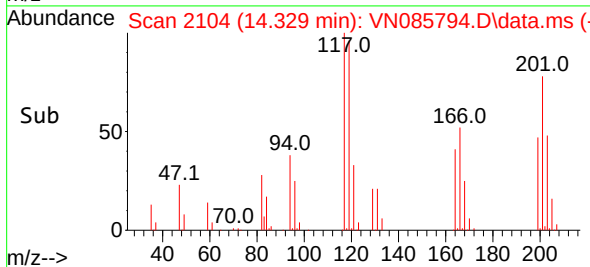
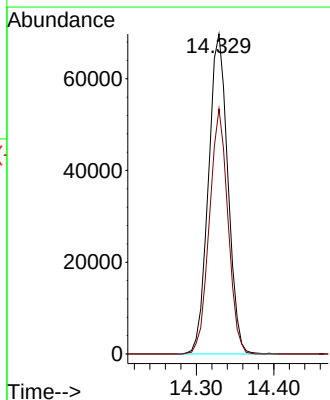
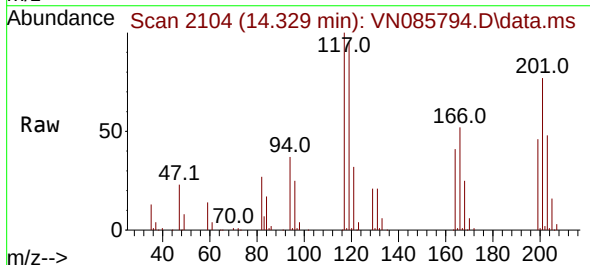
Manual Integrations
APPROVED

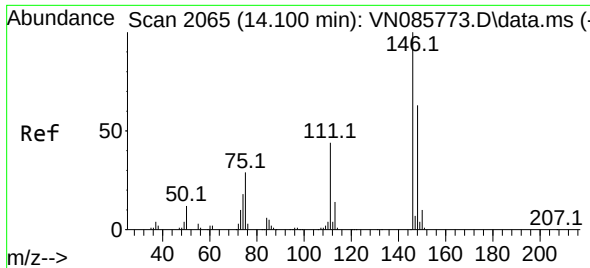
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#90
Hexachloroethane
Concen: 45.275 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

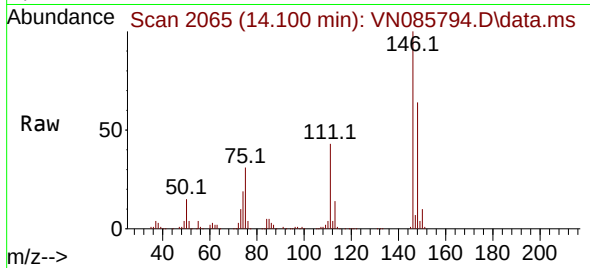
Tgt Ion:117 Resp: 121415
Ion Ratio Lower Upper
117 100
201 73.0 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 47.118 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

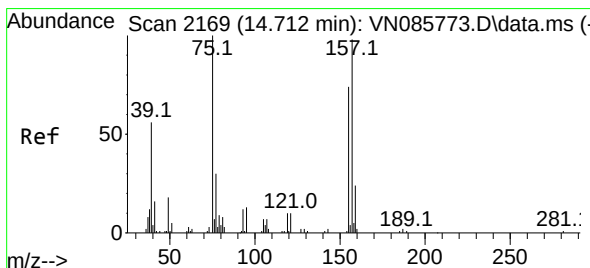
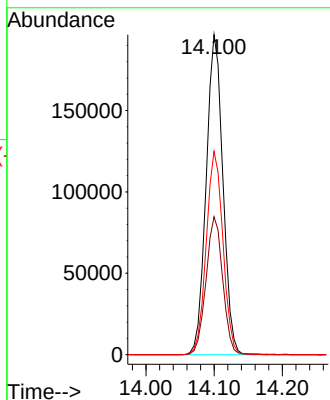
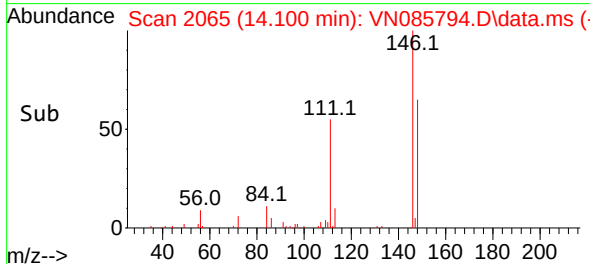
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



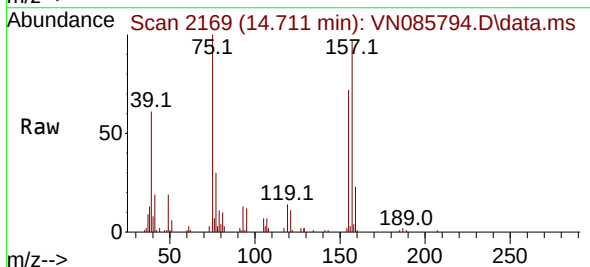
Tgt Ion:146 Resp: 33554
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 63.4 32.0 96.2

Manual Integrations
APPROVED

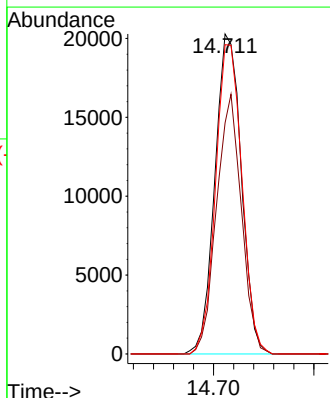
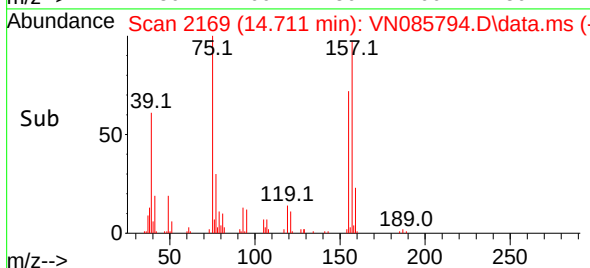
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

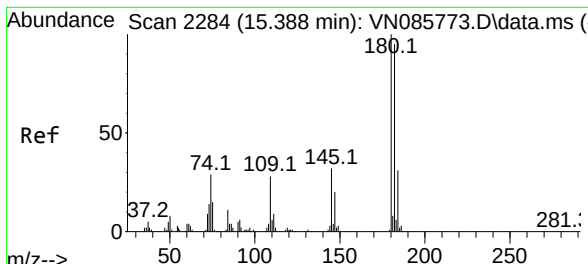


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.111 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



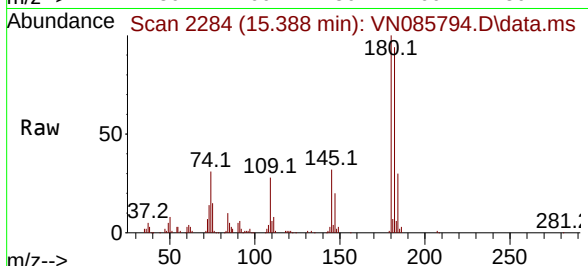
Tgt Ion: 75 Resp: 37082
Ion Ratio Lower Upper
75 100
155 76.6 39.9 119.6
157 96.4 49.9 149.7





#93
 1,2,4-Trichlorobenzene
 Concen: 46.883 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46

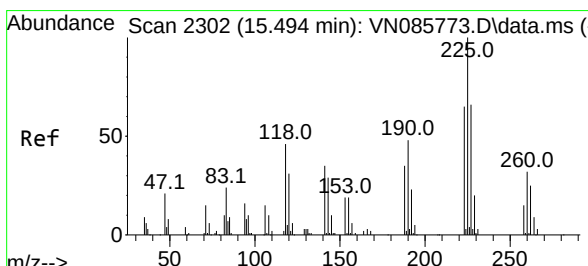
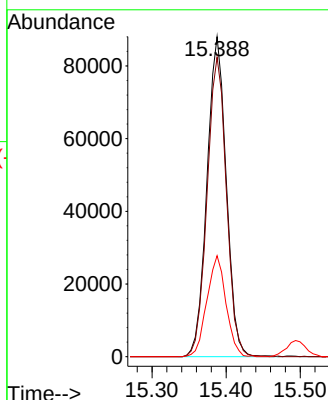
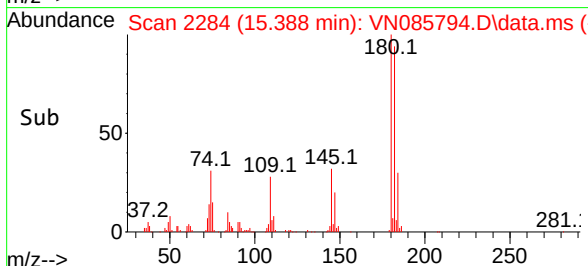
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



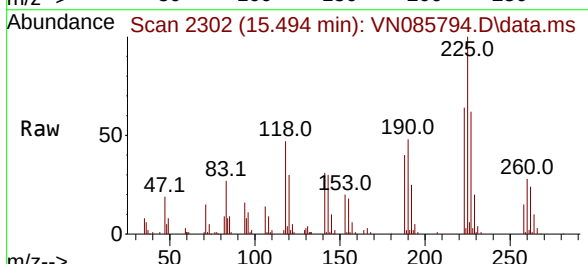
Tgt Ion:180 Resp: 15909
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 141.9
 145 31.3 16.2 48.5

Manual Integrations
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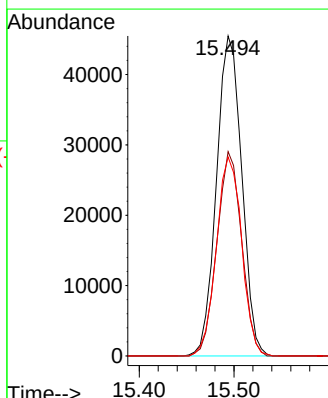
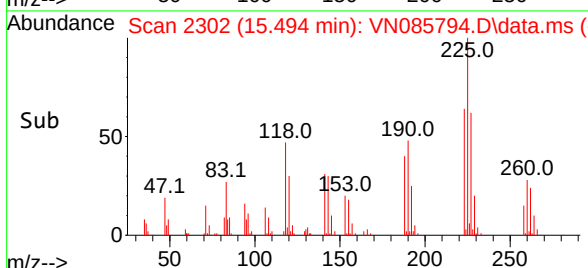
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

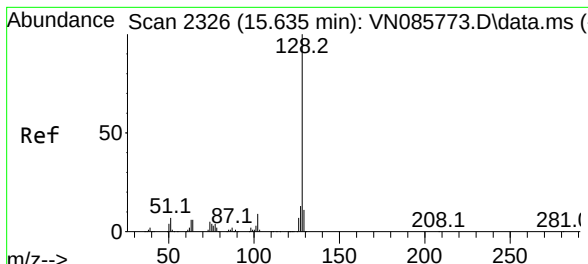


#94
 Hexachlorobutadiene
 Concen: 40.928 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.000 min
 Lab File: VN085794.D
 Acq: 20 Feb 2025 10:46



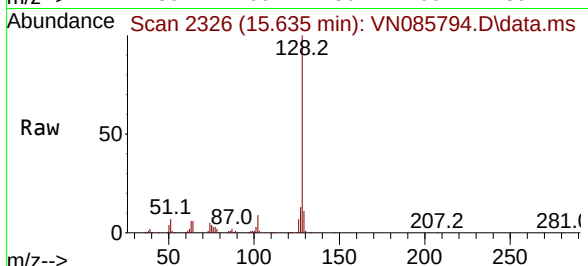
Tgt Ion:225 Resp: 84406
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.5
 227 62.3 32.2 96.6





#95
Naphthalene
Concen: 44.439 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46

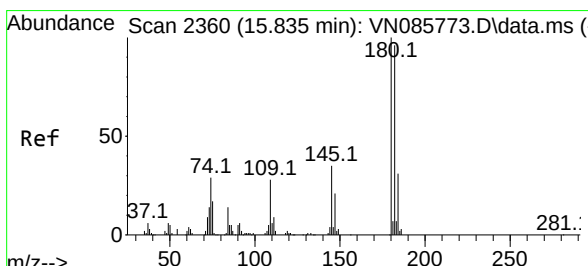
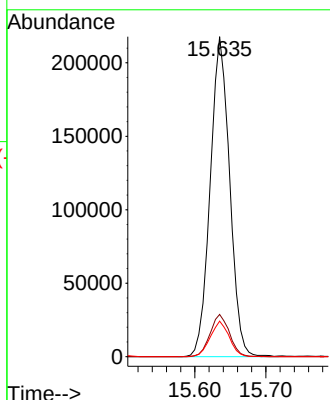
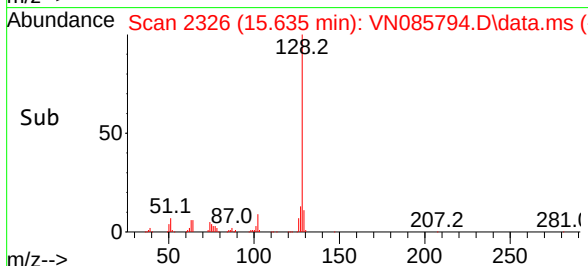
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



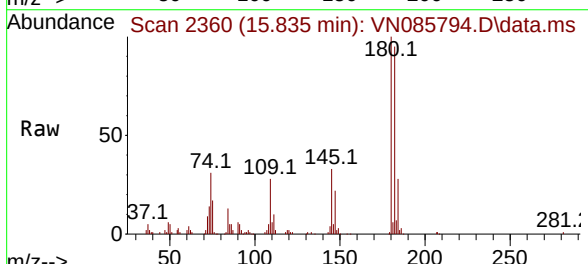
Tgt Ion:128 Resp: 414009
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.252 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085794.D
Acq: 20 Feb 2025 10:46



Tgt Ion:180 Resp: 150754
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 32.6 16.9 50.6

