

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087774.D
 Acq On : 10 Sep 2025 11:47
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 11 02:00:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	241352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	467783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	458675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	238791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	237927	48.114	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.220%
35) Dibromofluoromethane	8.147	113	175170	51.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.740%
50) Toluene-d8	10.547	98	629636	49.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.829	95	227744	50.660	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.320%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	147328	42.979	ug/l	100
3) Chloromethane	2.383	50	157207	44.626	ug/l	98
4) Vinyl Chloride	2.536	62	177002	43.335	ug/l	98
5) Bromomethane	2.965	94	96413	45.747	ug/l	96
6) Chloroethane	3.136	64	124346	43.315	ug/l	99
7) Trichlorofluoromethane	3.512	101	278619	46.559	ug/l	99
8) Diethyl Ether	3.959	74	118429	45.442	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	152596	45.065	ug/l	99
10) Methyl Iodide	4.577	142	112139	45.088	ug/l #	87
11) Tert butyl alcohol	5.518	59	194684	226.779	ug/l	99
12) 1,1-Dichloroethene	4.342	96	154816	44.491	ug/l	88
13) Acrolein	4.171	56	282802	267.962	ug/l	98
14) Allyl chloride	5.012	41	257654	40.860	ug/l	98
15) Acrylonitrile	5.706	53	569368	235.168	ug/l	100
16) Acetone	4.424	43	556711	206.809	ug/l	97
17) Carbon Disulfide	4.706	76	384427	40.130	ug/l	98
18) Methyl Acetate	5.018	43	308814	54.790	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	622186	47.664	ug/l	98
20) Methylene Chloride	5.259	84	181511	46.531	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	166727	44.210	ug/l	93
22) Diisopropyl ether	6.653	45	652802	47.973	ug/l	99
23) Vinyl Acetate	6.588	43	2882973	232.870	ug/l	99
24) 1,1-Dichloroethane	6.553	63	344080	46.117	ug/l	96
25) 2-Butanone	7.471	43	805702	227.500	ug/l	99
26) 2,2-Dichloropropane	7.471	77	279672	43.674	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	210048	46.590	ug/l	98
28) Bromochloromethane	7.794	49	172770	47.899	ug/l	96
29) Tetrahydrofuran	7.824	42	529567	232.349	ug/l	100
30) Chloroform	7.947	83	368659	48.410	ug/l	99
31) Cyclohexane	8.235	56	249113	40.051	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	300706	46.594	ug/l	96
36) 1,1-Dichloropropene	8.353	75	228921	44.182	ug/l	99
37) Ethyl Acetate	7.547	43	324200	45.790	ug/l	99
38) Carbon Tetrachloride	8.341	117	250903	49.046	ug/l	98
39) Methylcyclohexane	9.582	83	242623	42.533	ug/l	99
40) Benzene	8.588	78	753143	47.392	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	172819	47.121	ug/l	99
42) 1,2-Dichloroethane	8.653	62	289191	47.355	ug/l	100
43) Isopropyl Acetate	8.671	43	528084	47.773	ug/l	99
44) Trichloroethene	9.329	130	168145	46.343	ug/l	89
45) 1,2-Dichloropropane	9.600	63	195830	46.749	ug/l	99
46) Dibromomethane	9.688	93	147387	49.443	ug/l	98
47) Bromodichloromethane	9.871	83	304671	49.870	ug/l	99
48) Methyl methacrylate	9.665	41	247231	47.284	ug/l	98
49) 1,4-Dioxane	9.682	88	69684	1028.244	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1664244	249.536	ug/l	99
52) Toluene	10.612	92	471660	47.874	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	313674	49.603	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	319829	48.709	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	196689	51.608	ug/l	96
56) Ethyl methacrylate	10.853	69	316909	52.031	ug/l	99
57) 1,3-Dichloropropane	11.141	76	339367	50.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	795826	241.403	ug/l	99
59) 2-Hexanone	11.176	43	1125287	266.971	ug/l	99
60) Dibromochloromethane	11.341	129	229719	52.019	ug/l	100
61) 1,2-Dibromoethane	11.447	107	201051	50.029	ug/l	100
64) Tetrachloroethene	11.082	164	137887	43.330	ug/l	96
65) Chlorobenzene	11.870	112	531659	46.591	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	192598	50.840	ug/l	99
67) Ethyl Benzene	11.941	91	915074	46.315	ug/l	98
68) m/p-Xylenes	12.047	106	697974	96.326	ug/l	96
69) o-Xylene	12.376	106	334657	47.128	ug/l	98
70) Styrene	12.388	104	596463	50.138	ug/l	98
71) Bromoform	12.559	173	152417	52.460	ug/l	100
73) Isopropylbenzene	12.670	105	866761	44.919	ug/l	99
74) N-amyl acetate	12.500	43	182271	24.926	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.917	83	311691	46.918	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	401726	71.740	ug/l	62
77) Bromobenzene	12.959	156	217125	47.724	ug/l	96
78) n-propylbenzene	13.012	91	1084937	45.648	ug/l	100
79) 2-Chlorotoluene	13.100	91	642986	44.954	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	752254	45.956	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	100889	47.697	ug/l	85
82) 4-Chlorotoluene	13.200	91	671717	44.668	ug/l	97
83) tert-Butylbenzene	13.412	119	639434	46.877	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	770562	47.025	ug/l	100
85) sec-Butylbenzene	13.594	105	948300	46.847	ug/l	100
86) p-Isopropyltoluene	13.706	119	789227	47.216	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	424202	47.347	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	427525	45.853	ug/l	98
89) n-Butylbenzene	14.035	91	754815	45.468	ug/l	99
90) Hexachloroethane	14.312	117	157428	49.435	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	403673	47.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	69443	44.003	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	240489	47.116	ug/l	98
94) Hexachlorobutadiene	15.476	225	88313	48.532	ug/l	97
95) Naphthalene	15.611	128	836556	46.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	236314	47.359	ug/l	99

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ClientSampleId :
VSTDCCC050

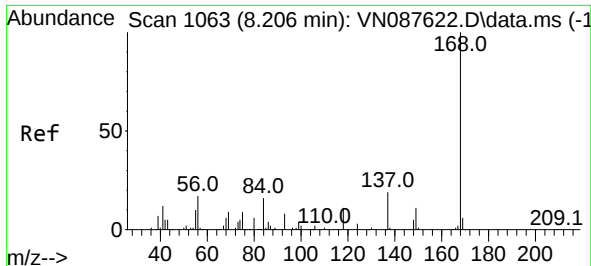
Quant Time: Sep 11 02:00:15 2025
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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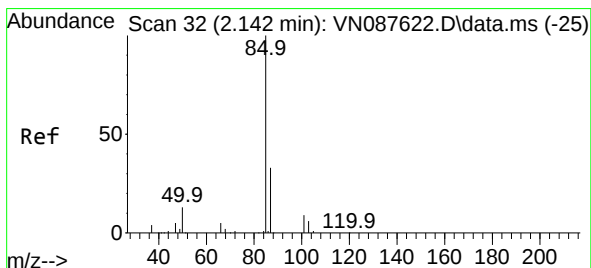
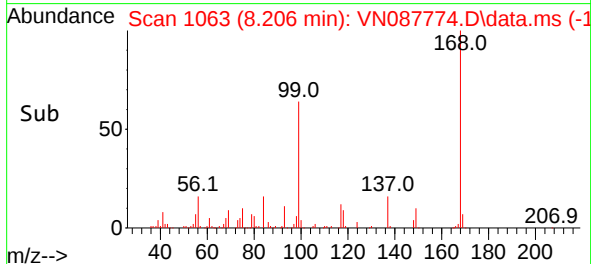
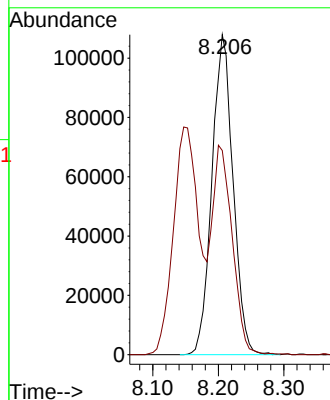
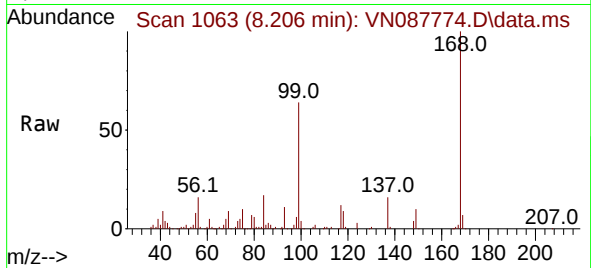




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

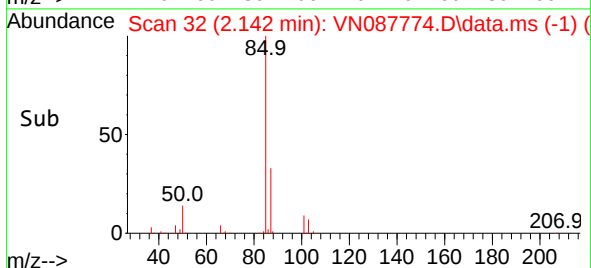
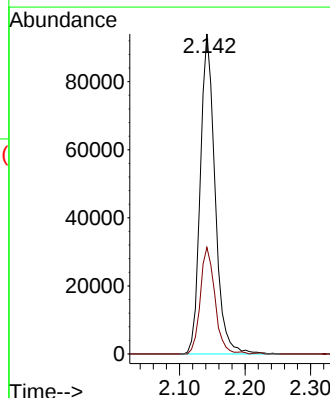
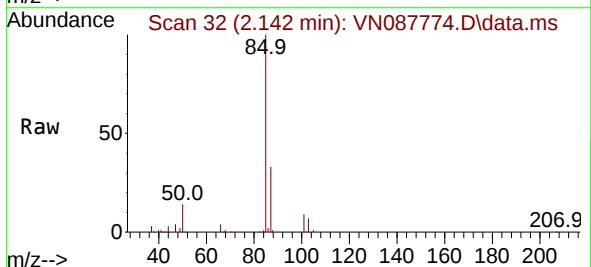
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

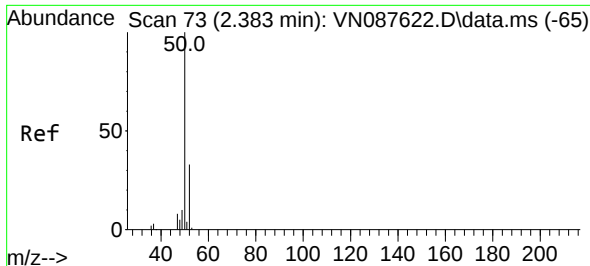
Tgt Ion:168 Resp: 241352
Ion Ratio Lower Upper
168 100
99 63.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 42.979 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 85 Resp: 147328
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.8

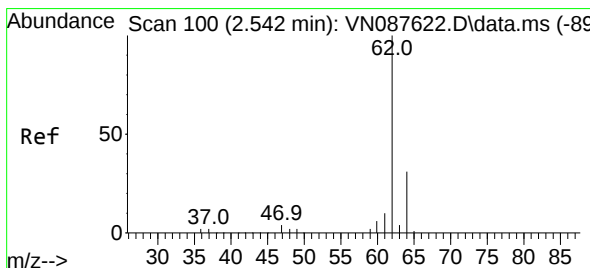
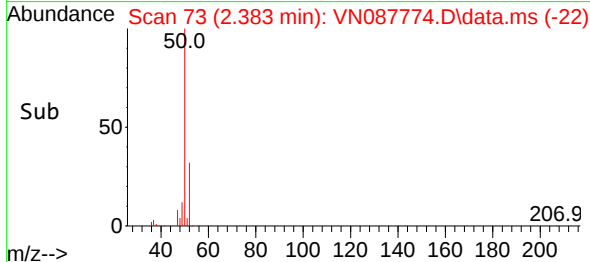
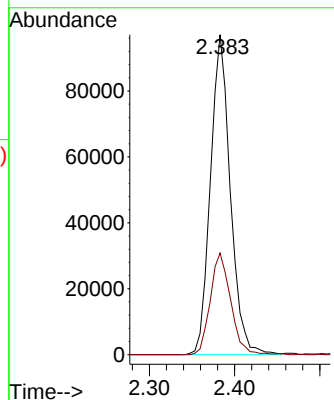
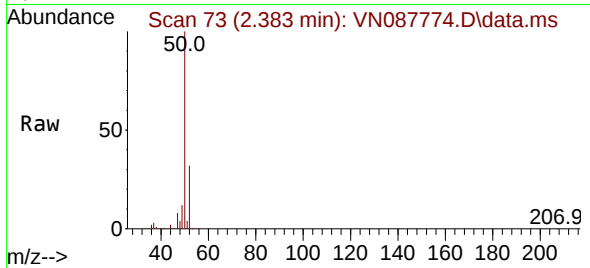




#3
Chloromethane
Concen: 44.626 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

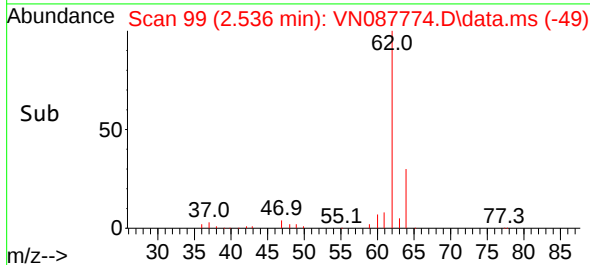
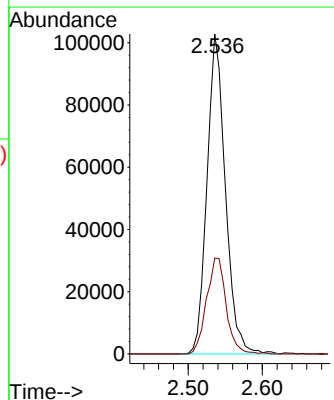
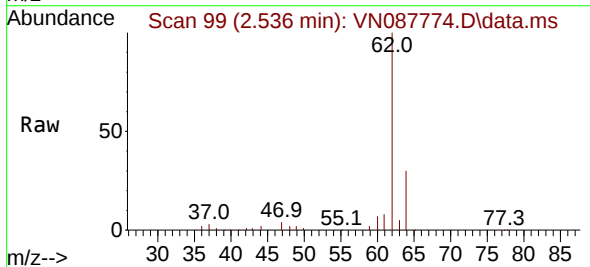
Instrument :
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ClientSampleId :
VSTDCCC050

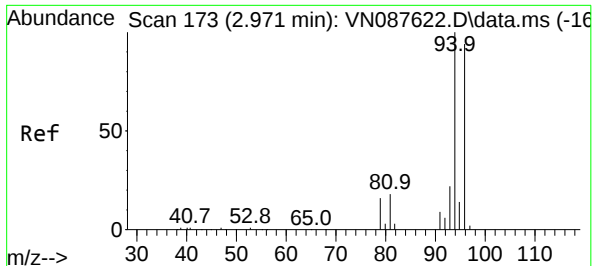
Tgt Ion: 50 Resp: 157207
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.4



#4
Vinyl Chloride
Concen: 43.335 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 62 Resp: 177002
Ion Ratio Lower Upper
62 100
64 30.0 24.6 37.0

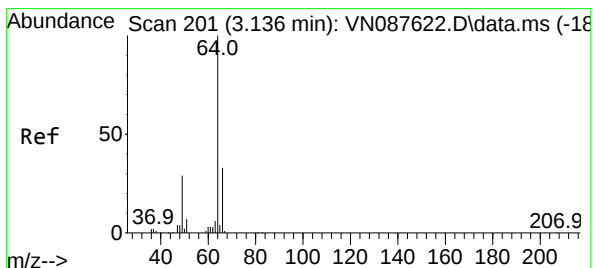
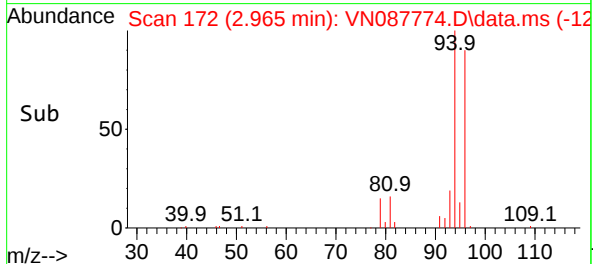
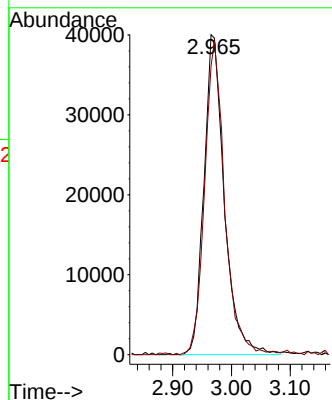
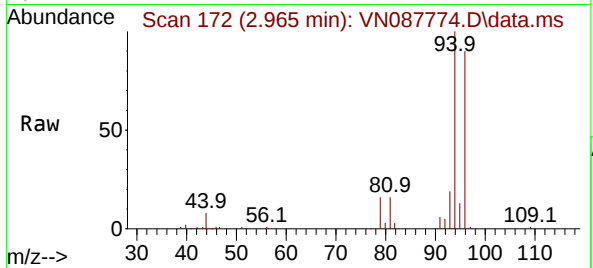




#5
Bromomethane
Concen: 45.747 ug/l
RT: 2.965 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

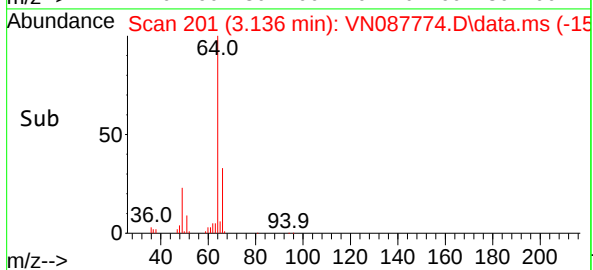
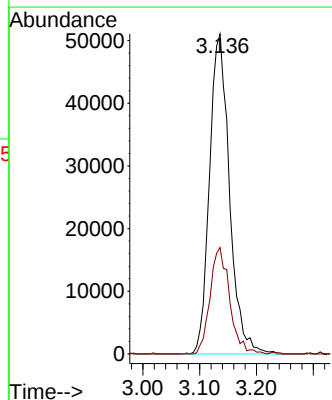
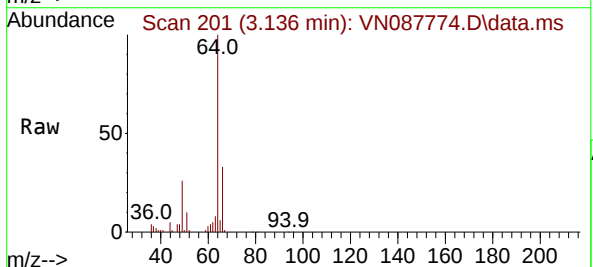
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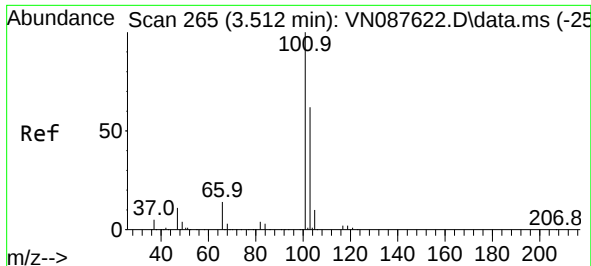
Tgt Ion: 94 Resp: 96413
Ion Ratio Lower Upper
94 100
96 90.2 75.4 113.2



#6
Chloroethane
Concen: 43.315 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 64 Resp: 124346
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.2

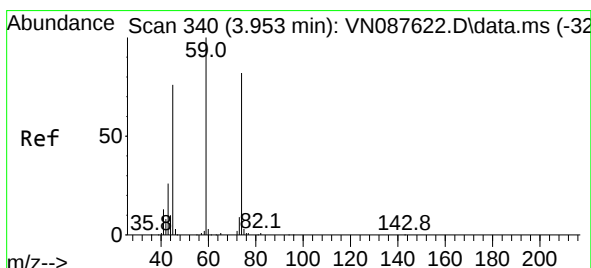
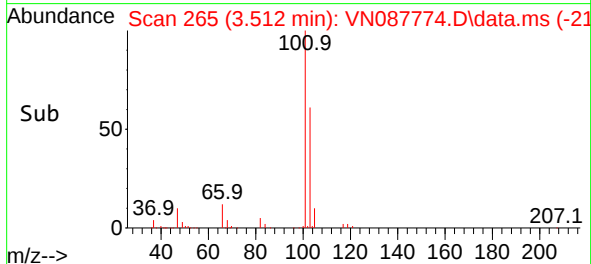
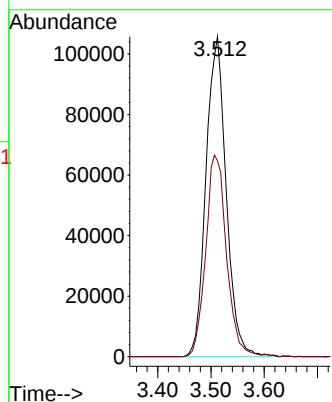
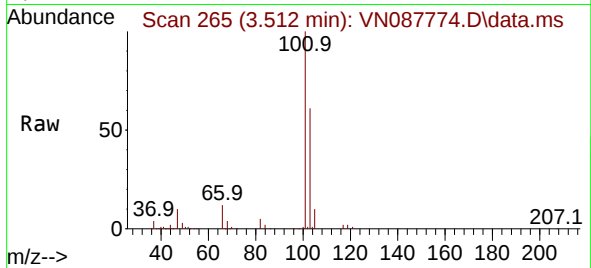




#7
 Trichlorofluoromethane
 Concen: 46.559 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087774.D
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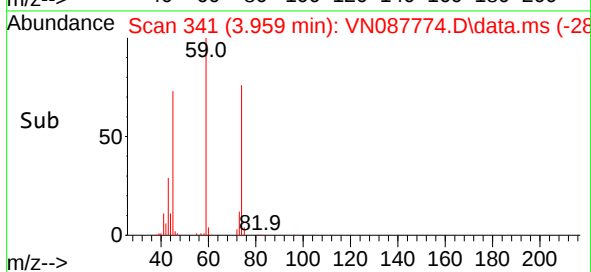
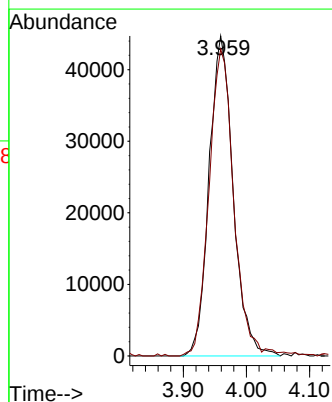
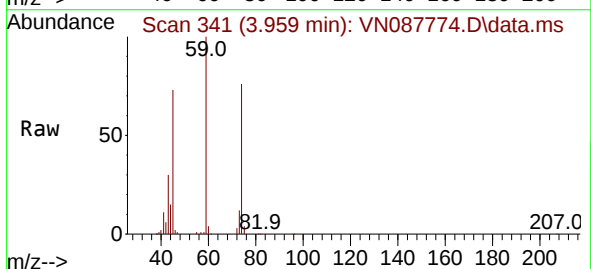
Instrument :
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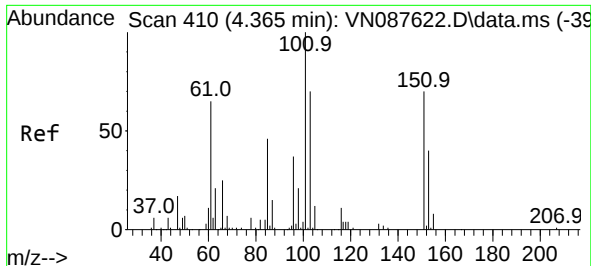
Tgt Ion:101 Resp: 278619
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 45.442 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087774.D
 Acq: 10 Sep 2025 11:47

Tgt Ion: 74 Resp: 118429
 Ion Ratio Lower Upper
 74 100
 45 99.4 50.6 151.9

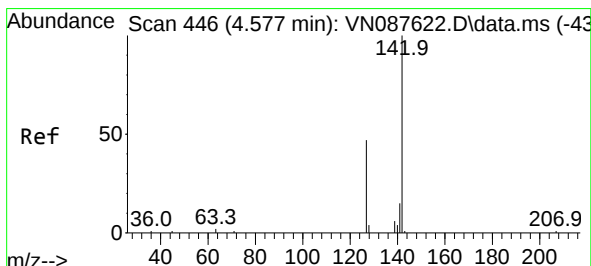
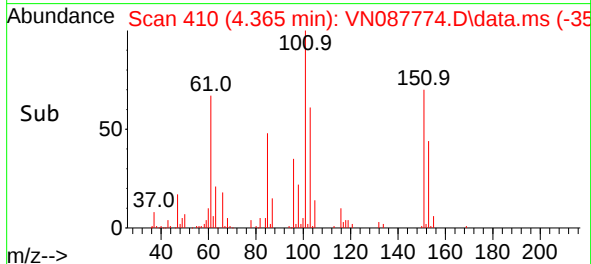
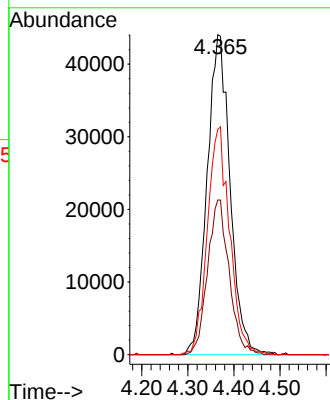
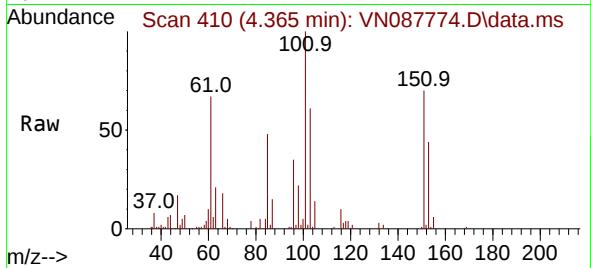




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.065 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
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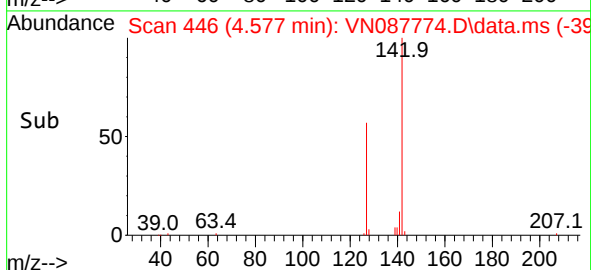
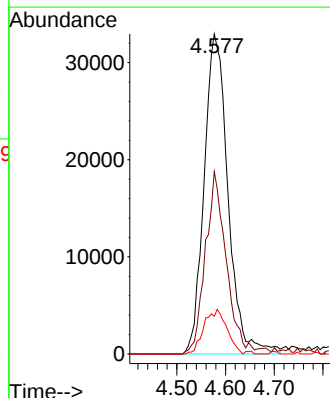
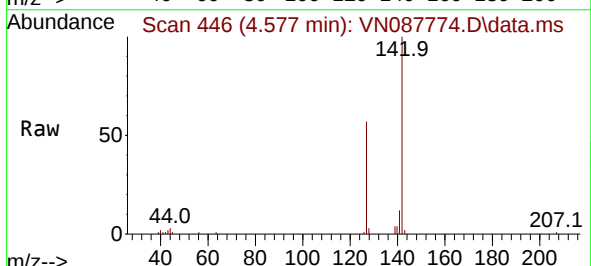
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

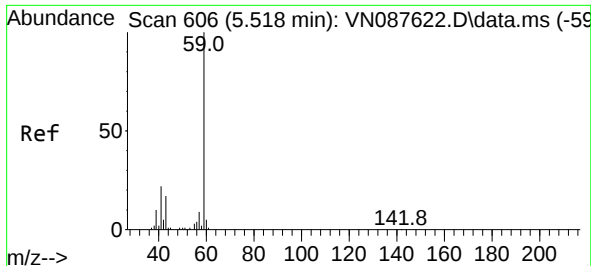
Tgt Ion:101 Resp: 152596
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 69.2 54.7 82.1



#10
Methyl Iodide
Concen: 45.088 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion:142 Resp: 112139
Ion Ratio Lower Upper
142 100
127 57.0 38.0 57.0
141 11.8 12.0 18.0#

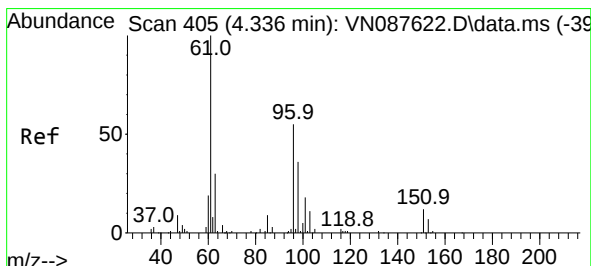
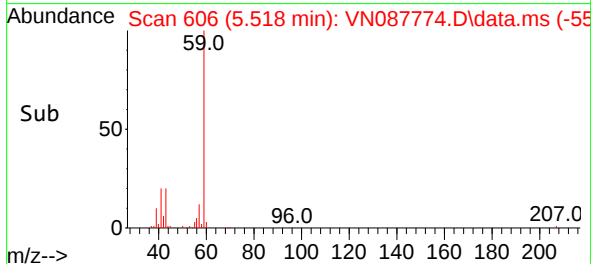
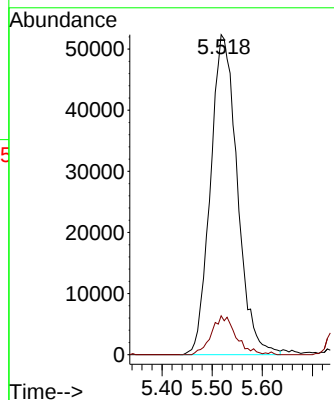
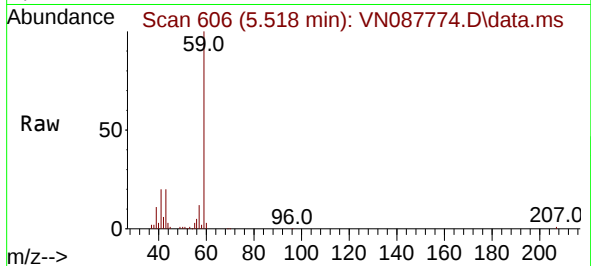




#11
Tert butyl alcohol
Concen: 226.779 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

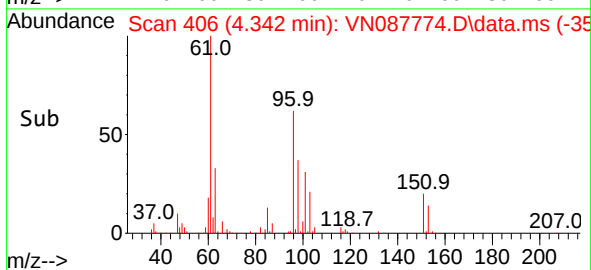
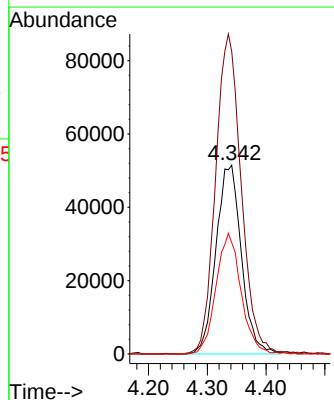
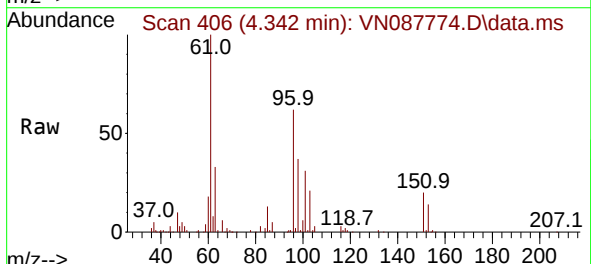
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

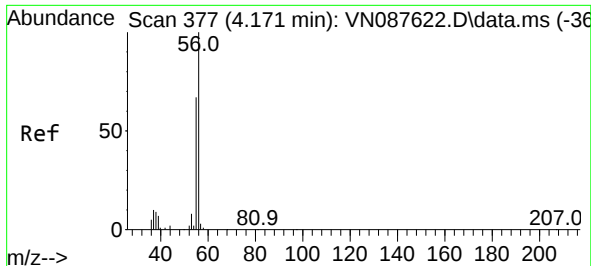
Tgt Ion: 59 Resp: 194684
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 44.491 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 96 Resp: 154816
Ion Ratio Lower Upper
96 100
61 160.1 143.8 215.8
98 58.9 52.1 78.1

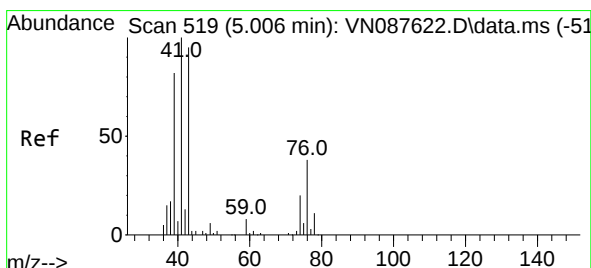
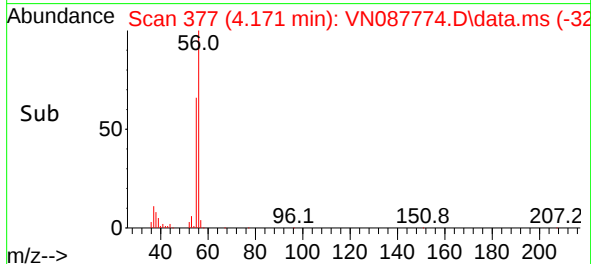
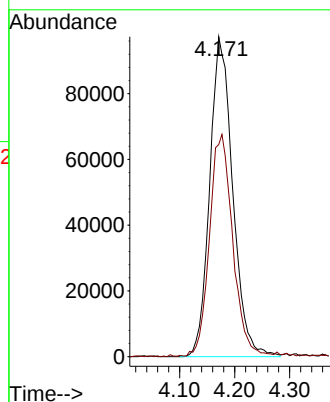
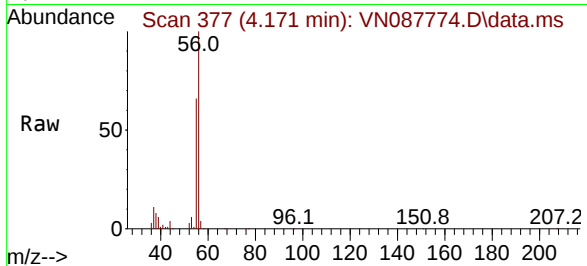




#13
Acrolein
Concen: 267.962 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

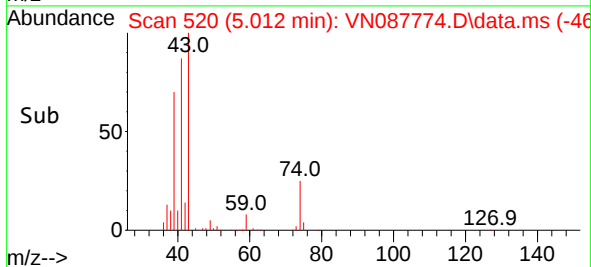
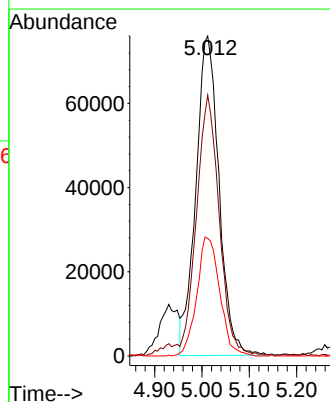
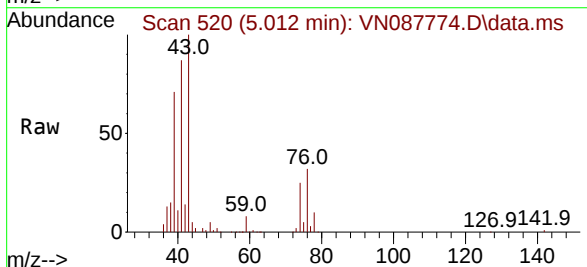
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

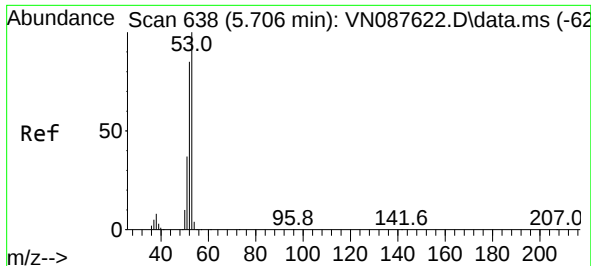
Tgt Ion: 56 Resp: 282802
Ion Ratio Lower Upper
56 100
55 69.7 57.3 85.9



#14
Allyl chloride
Concen: 40.860 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 41 Resp: 257654
Ion Ratio Lower Upper
41 100
39 80.8 63.9 95.9
76 36.9 28.1 42.1

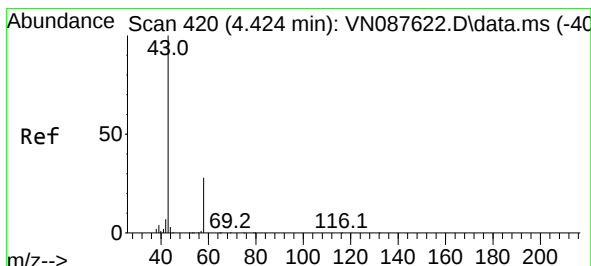
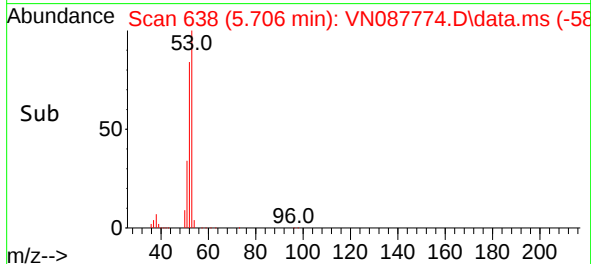
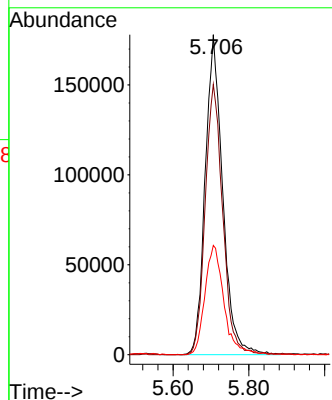
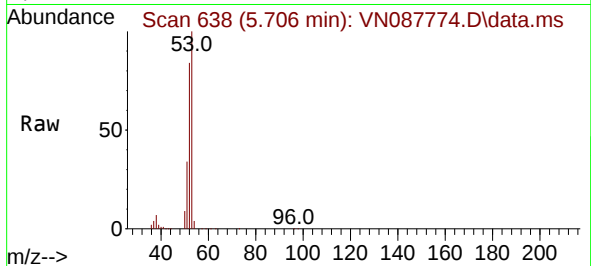




#15
Acrylonitrile
Concen: 235.168 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

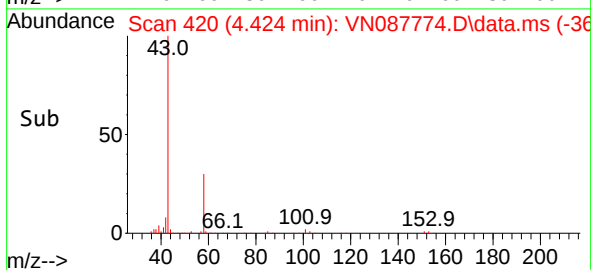
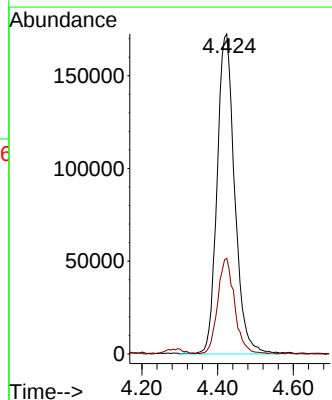
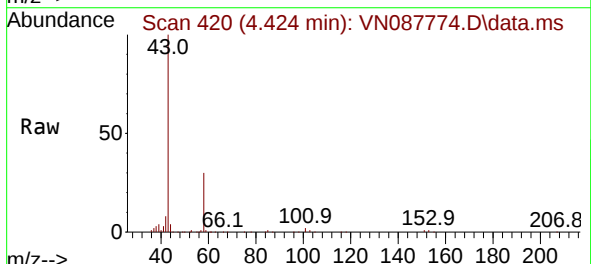
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

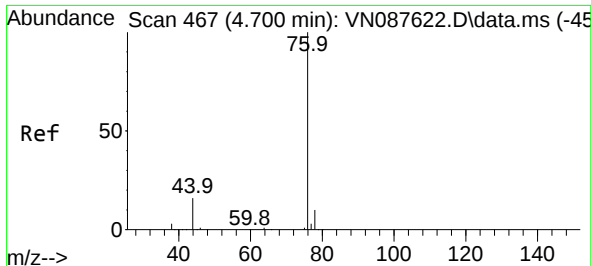
Tgt Ion: 53 Resp: 569368
Ion Ratio Lower Upper
53 100
52 84.3 67.6 101.4
51 37.1 30.1 45.1



#16
Acetone
Concen: 206.809 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 43 Resp: 556711
Ion Ratio Lower Upper
43 100
58 29.7 22.6 33.8

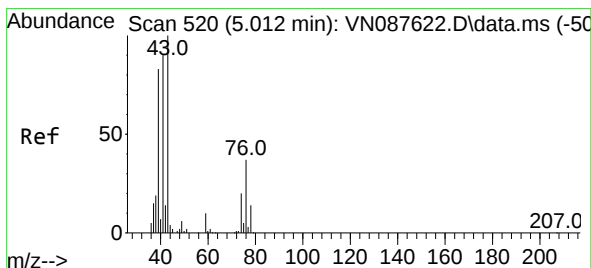
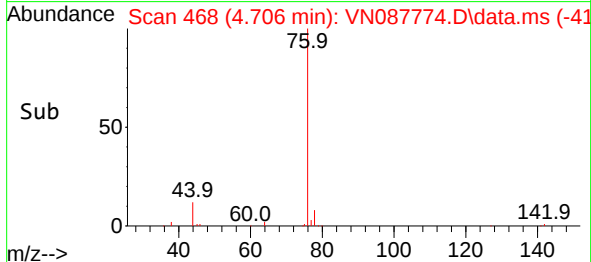
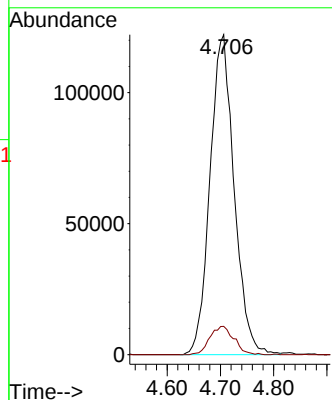
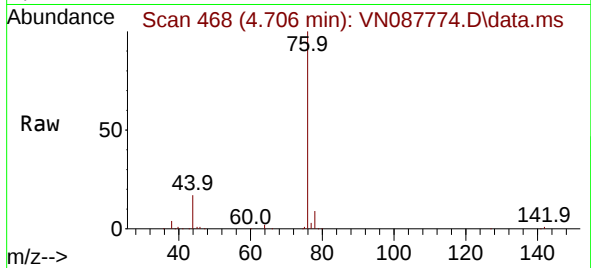




#17
Carbon Disulfide
Concen: 40.130 ug/l
RT: 4.706 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

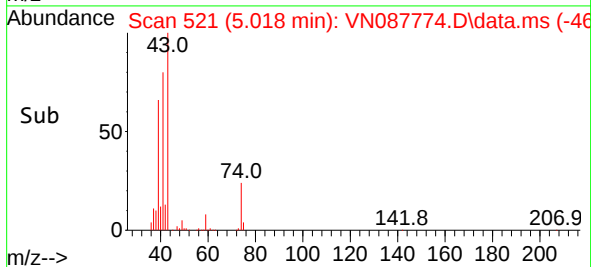
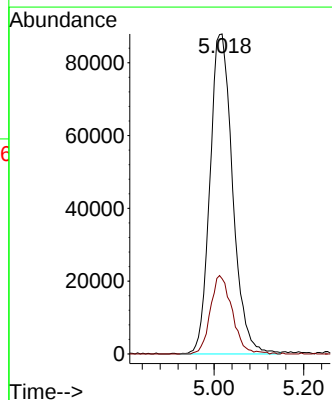
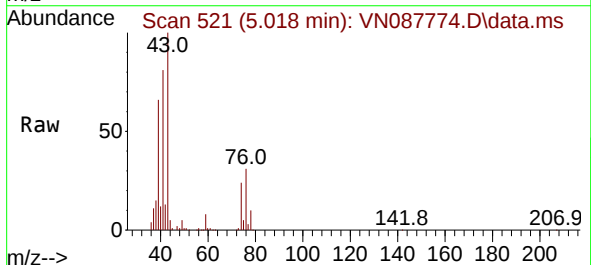
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

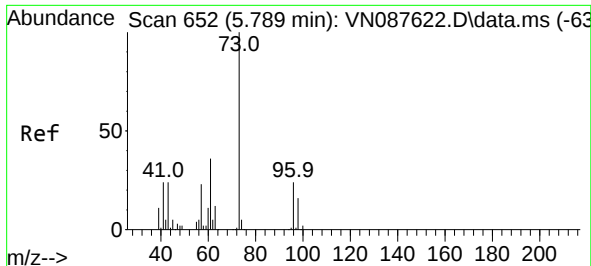
Tgt Ion: 76 Resp: 384427
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 54.790 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 43 Resp: 308814
Ion Ratio Lower Upper
43 100
74 23.6 17.6 26.4

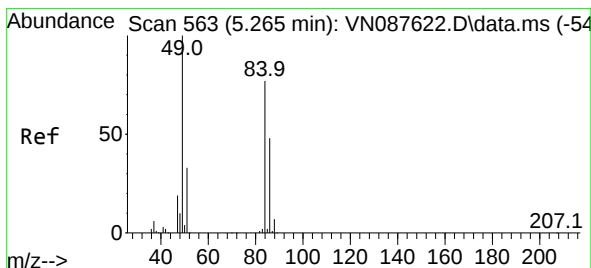
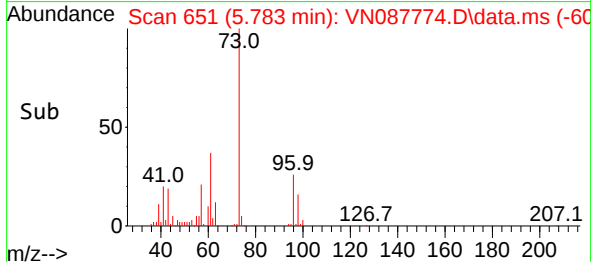
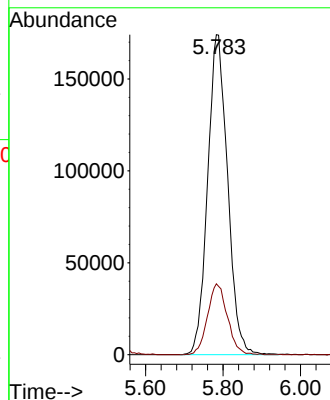
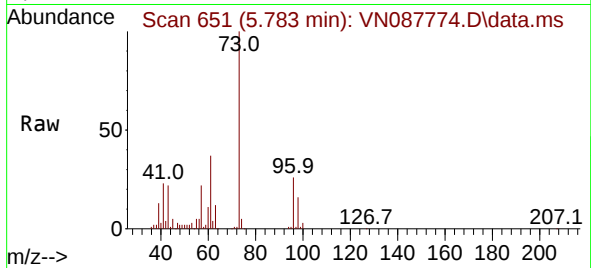




#19
Methyl tert-butyl Ether
Concen: 47.664 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

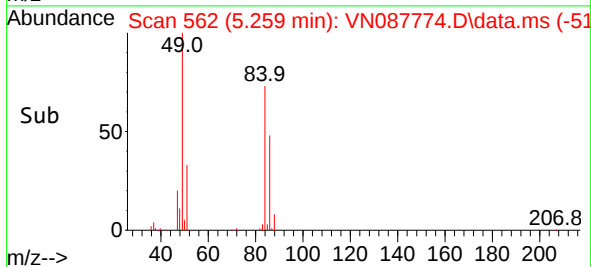
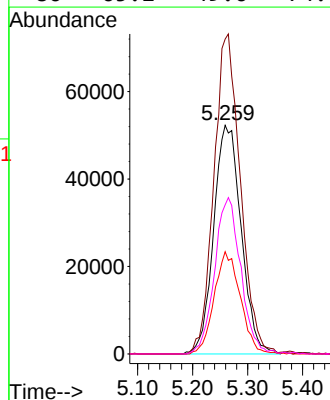
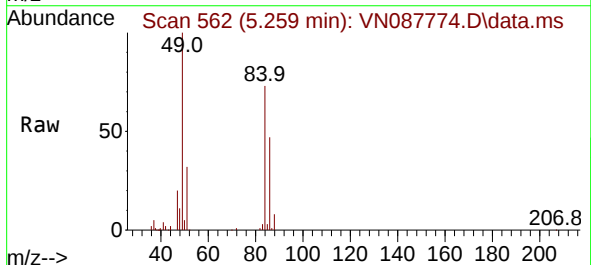
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 622186
Ion Ratio Lower Upper
73 100
57 22.2 18.4 27.6



#20
Methylene Chloride
Concen: 46.531 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 84 Resp: 181511
Ion Ratio Lower Upper
84 100
49 137.7 103.4 155.2
51 44.8 33.8 50.8
86 65.2 49.6 74.4

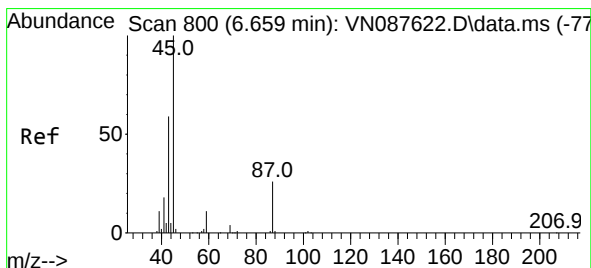
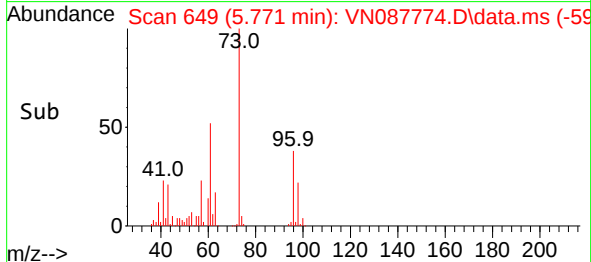
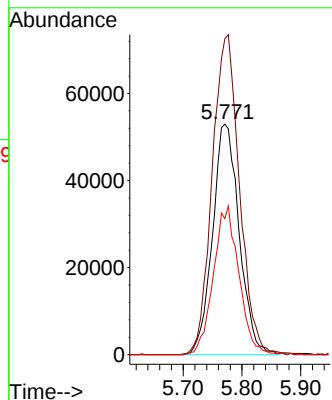
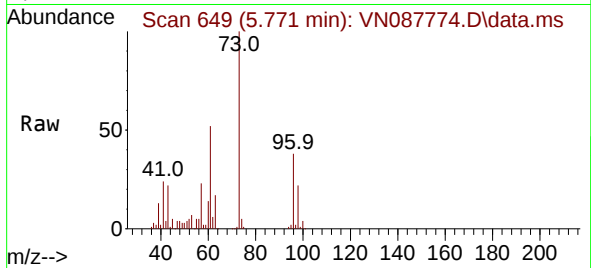




#21
trans-1,2-Dichloroethene
Concen: 44.210 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

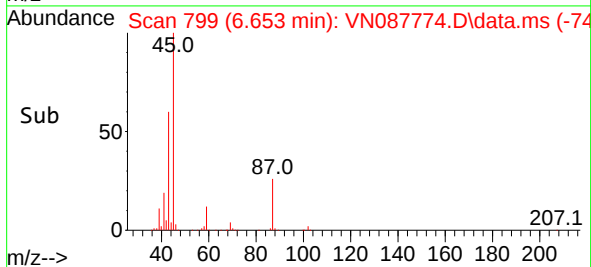
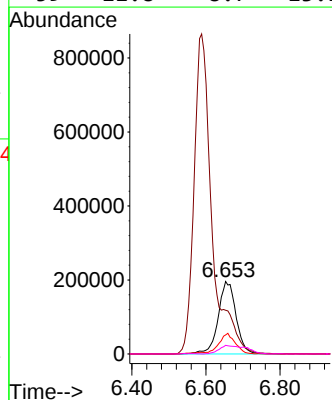
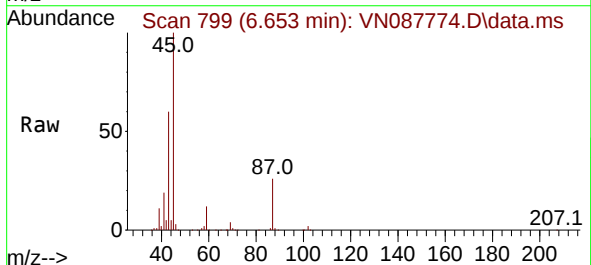
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 166727
Ion Ratio Lower Upper
96 100
61 136.9 118.0 177.0
98 59.0 50.0 75.0



#22
Diisopropyl ether
Concen: 47.973 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 45 Resp: 652802
Ion Ratio Lower Upper
45 100
43 59.7 47.7 71.5
87 26.3 21.4 32.0
59 11.8 8.7 13.1

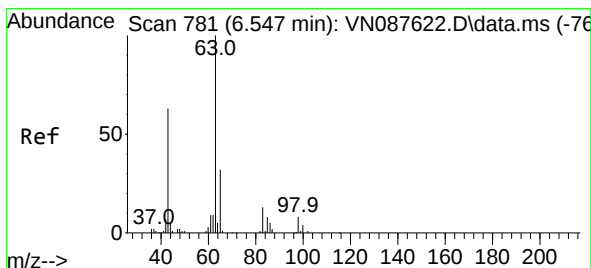
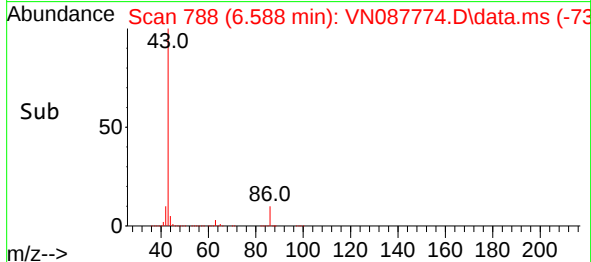
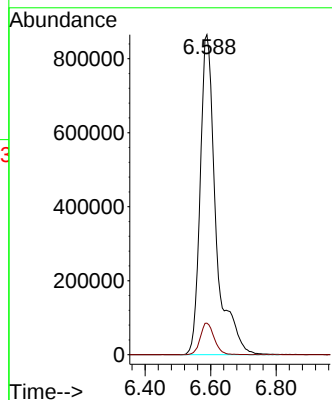
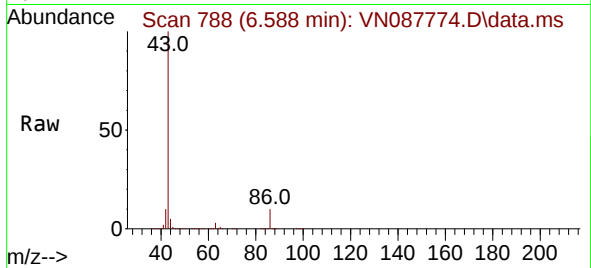




#23
 Vinyl Acetate
 Concen: 232.870 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087774.D
 Acq: 10 Sep 2025 11:47

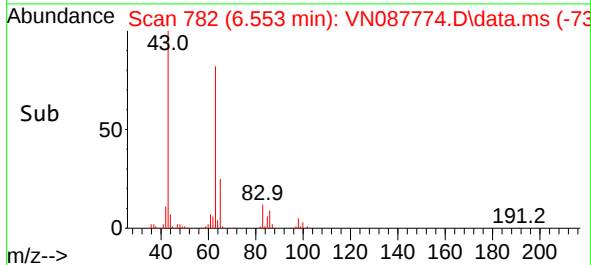
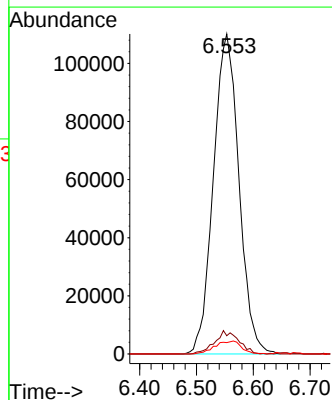
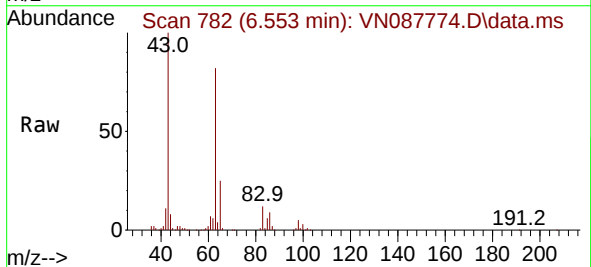
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2882973
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 46.117 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087774.D
 Acq: 10 Sep 2025 11:47

Tgt Ion: 63 Resp: 344080
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.8 11.4
 100 3.6 2.0 6.0

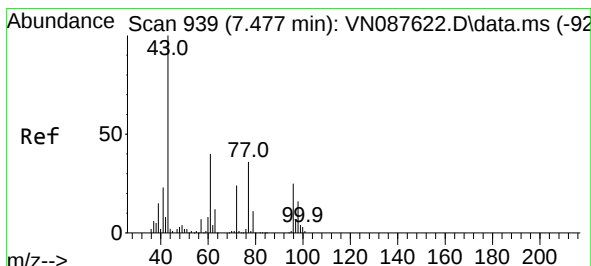
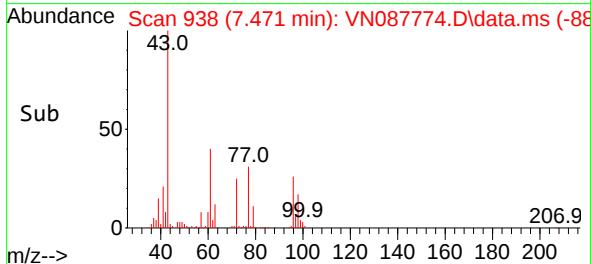
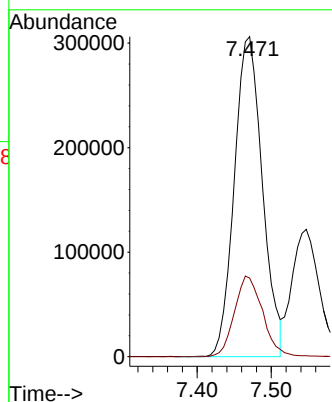
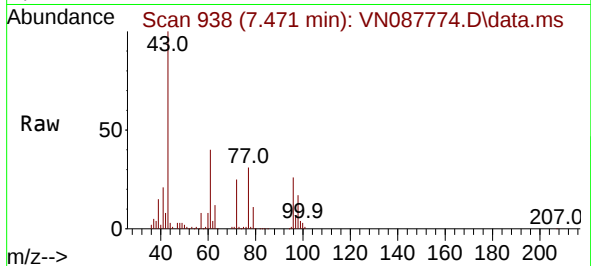




#25
2-Butanone
Concen: 227.500 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

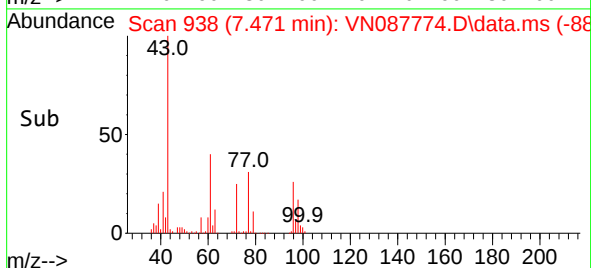
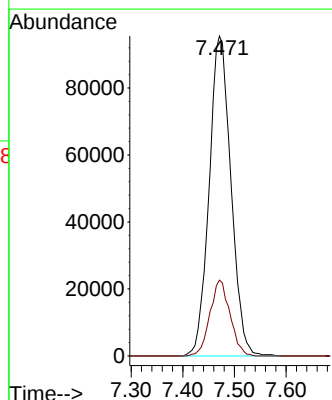
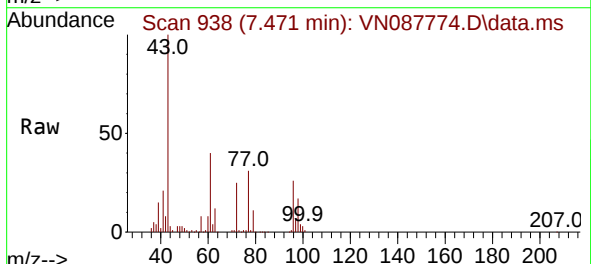
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 805702
Ion Ratio Lower Upper
43 100
72 24.6 19.9 29.9



#26
2,2-Dichloropropane
Concen: 43.674 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 77 Resp: 279672
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 46.590 ug/l

RT: 7.471 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

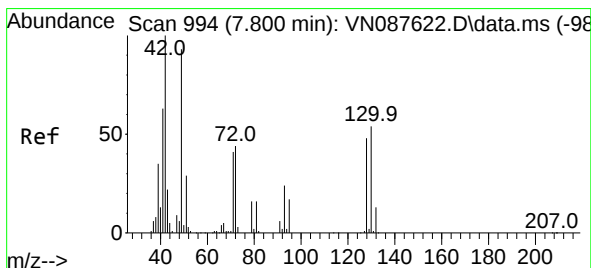
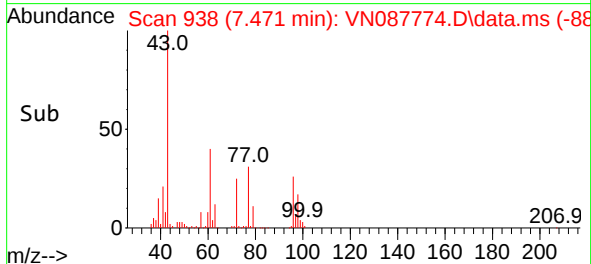
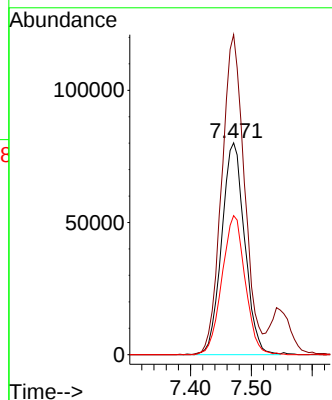
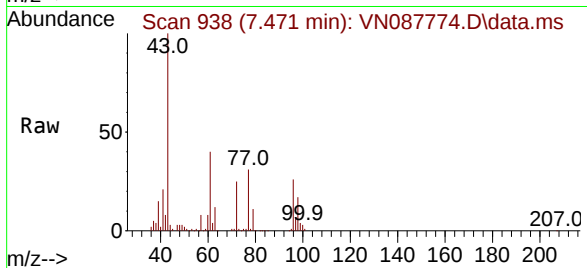
Tgt Ion: 96 Resp: 210048

Ion Ratio Lower Upper

96 100

61 149.2 0.0 301.8

98 66.4 0.0 126.2



#28

Bromochloromethane

Concen: 47.899 ug/l

RT: 7.794 min Scan# 993

Delta R.T. -0.006 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

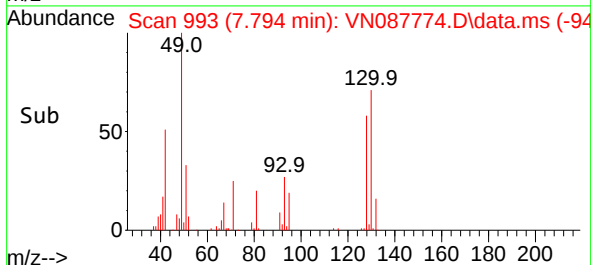
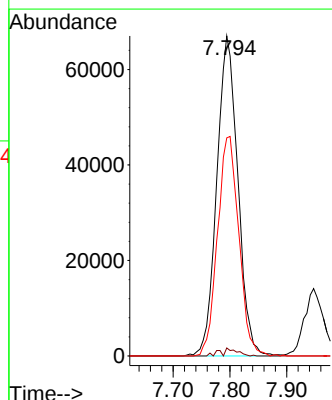
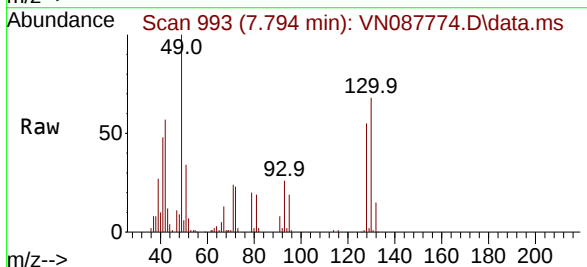
Tgt Ion: 49 Resp: 172770

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.0

130 69.5 53.1 79.7





#29

Tetrahydrofuran

Concen: 232.349 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

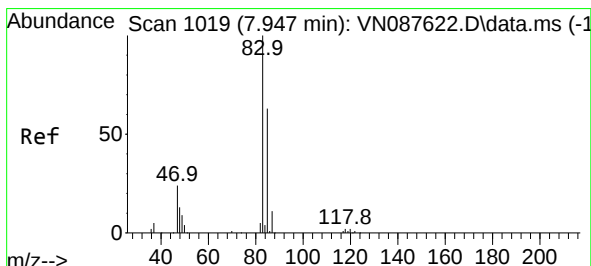
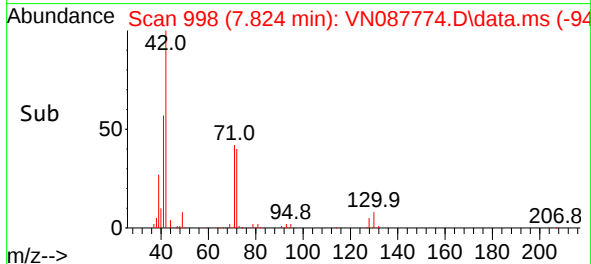
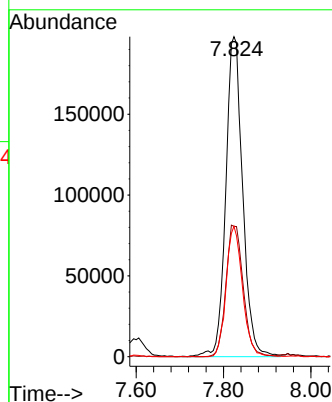
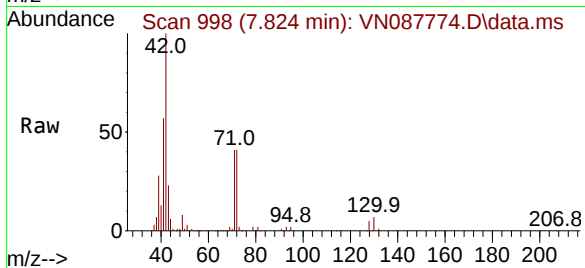
Tgt Ion: 42 Resp: 529567

Ion Ratio Lower Upper

42 100

72 42.1 33.7 50.5

71 39.5 31.9 47.9



#30

Chloroform

Concen: 48.410 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087774.D

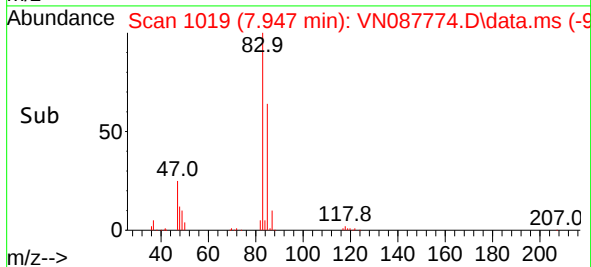
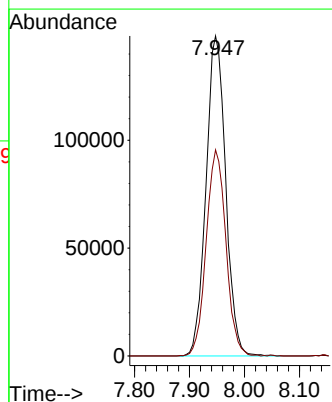
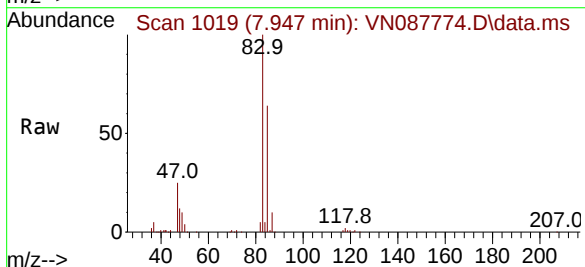
Acq: 10 Sep 2025 11:47

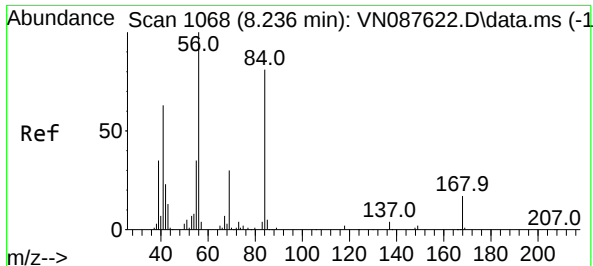
Tgt Ion: 83 Resp: 368659

Ion Ratio Lower Upper

83 100

85 64.3 50.7 76.1





#31

Cyclohexane

Concen: 40.051 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

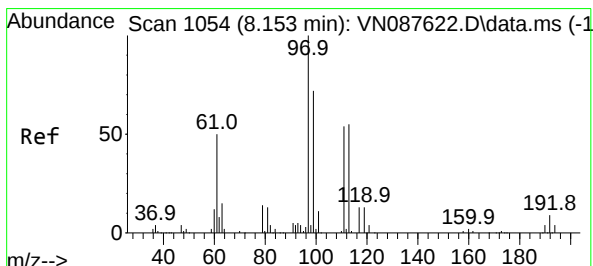
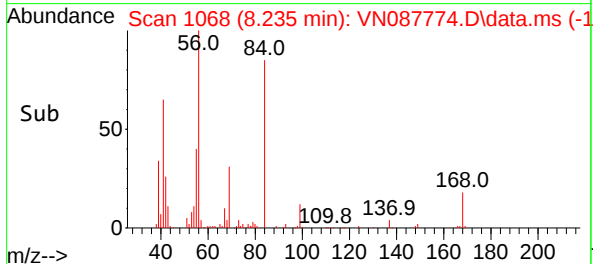
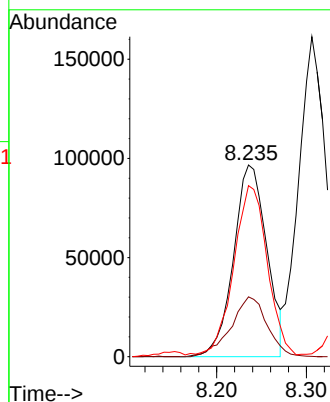
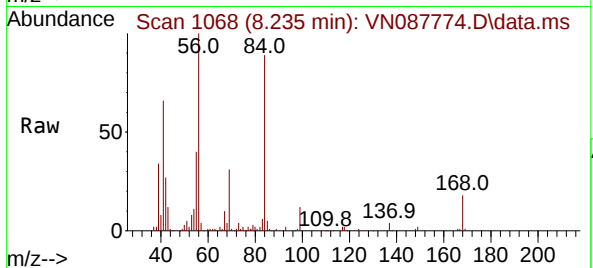
Tgt Ion: 56 Resp: 249113

Ion Ratio Lower Upper

56 100

69 31.2 23.7 35.5

84 87.1 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 46.594 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

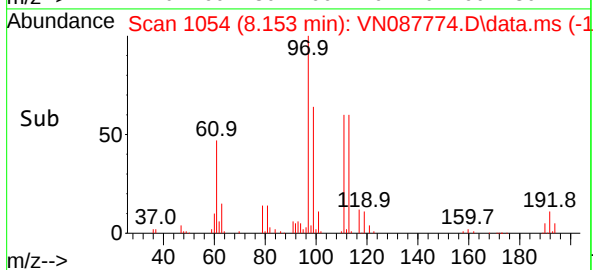
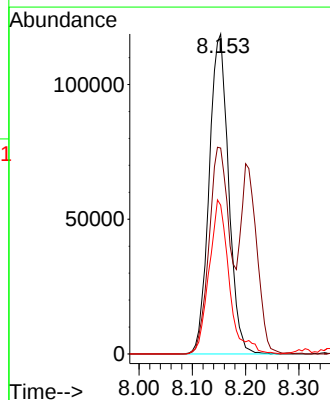
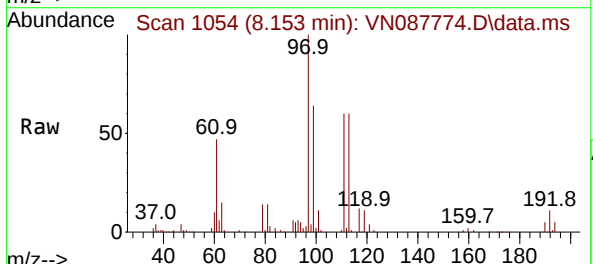
Tgt Ion: 97 Resp: 300706

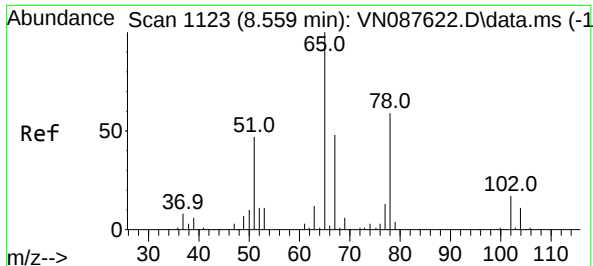
Ion Ratio Lower Upper

97 100

99 68.9 52.2 78.2

61 50.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 48.114 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

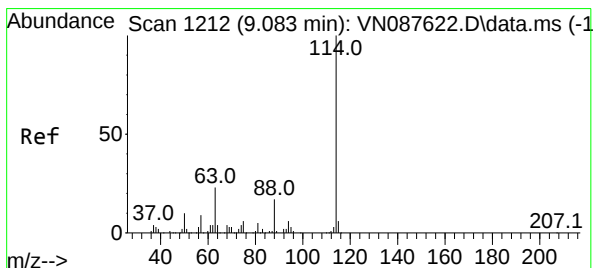
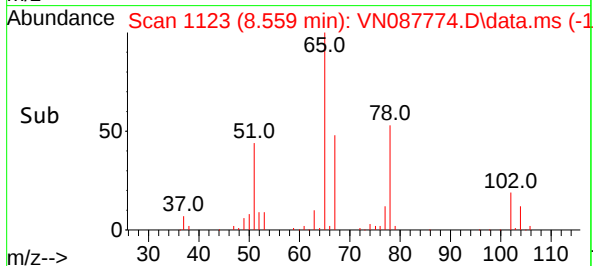
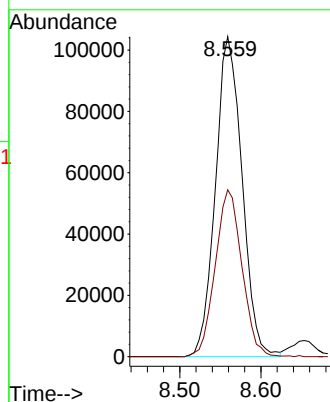
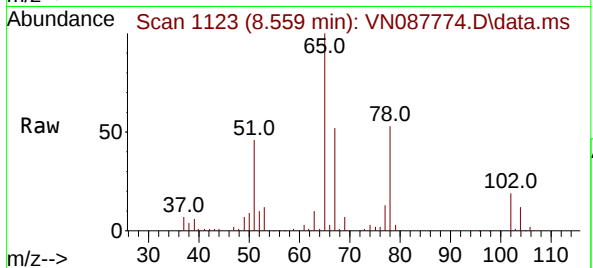
VSTDCCC050

Tgt Ion: 65 Resp: 237927

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

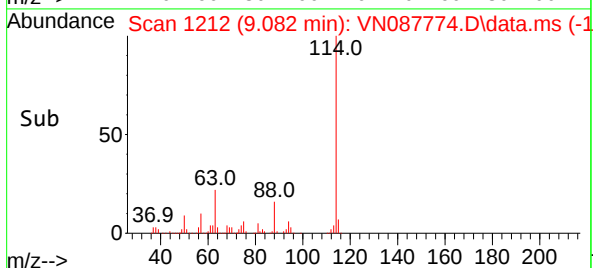
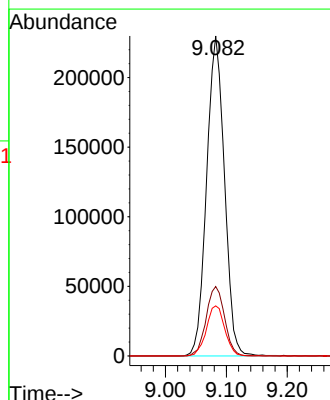
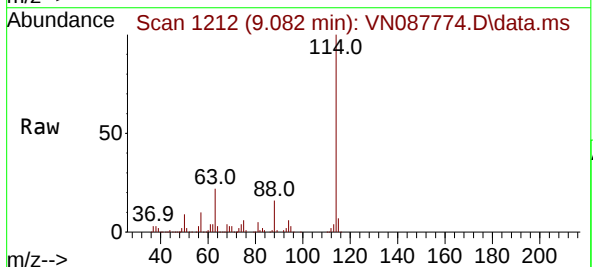
Tgt Ion: 114 Resp: 467783

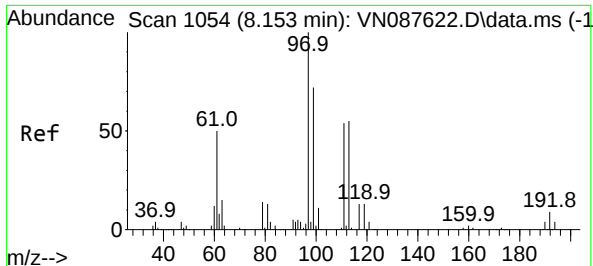
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.866 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

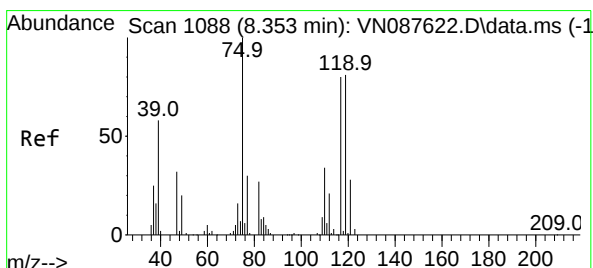
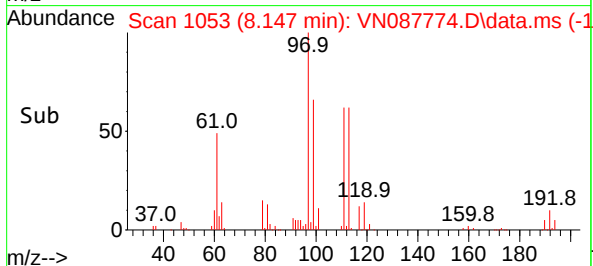
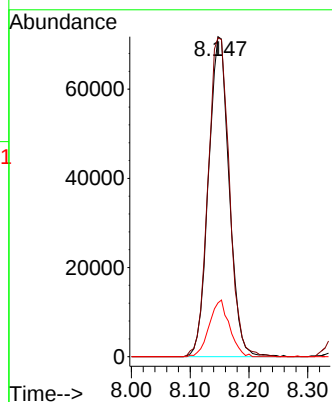
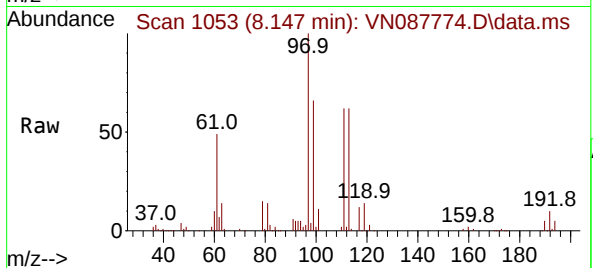
Tgt Ion:113 Resp: 175170

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 17.3 12.8 19.2



#36

1,1-Dichloropropene

Concen: 44.182 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

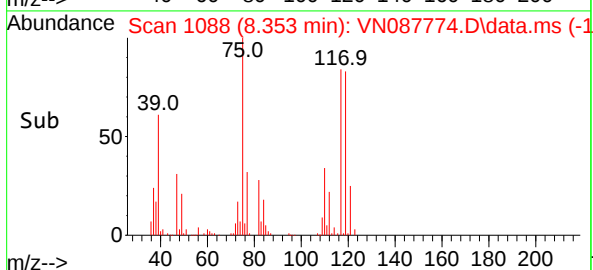
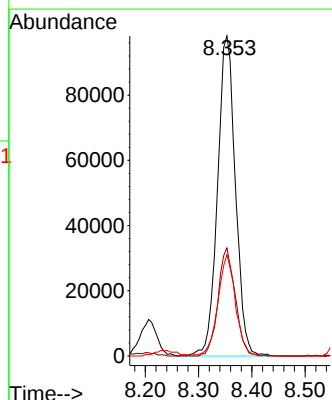
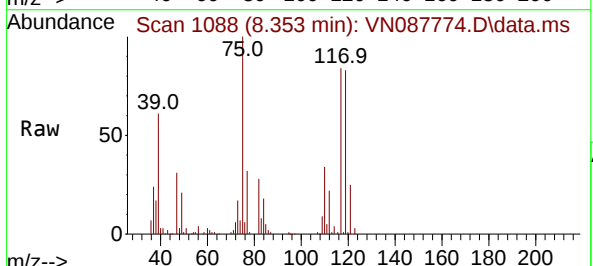
Tgt Ion: 75 Resp: 228921

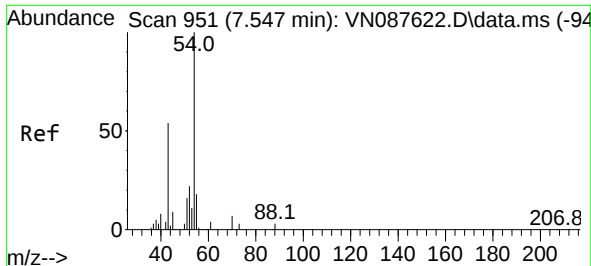
Ion Ratio Lower Upper

75 100

110 32.4 15.9 47.6

77 31.0 24.4 36.6

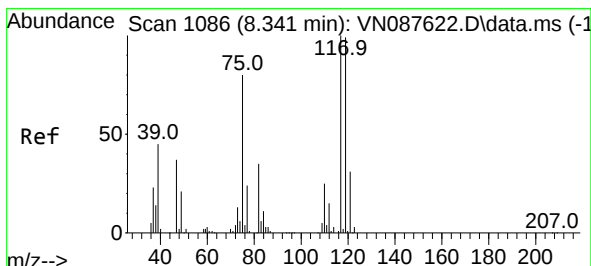
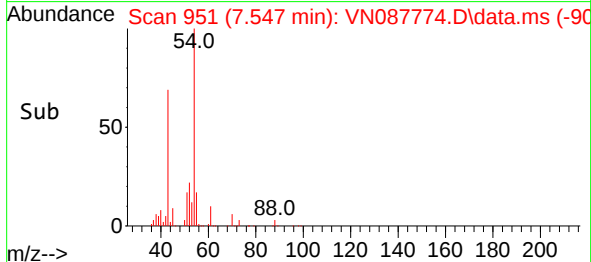
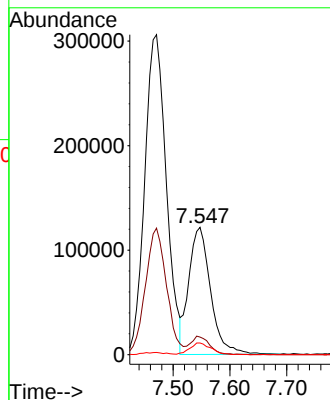
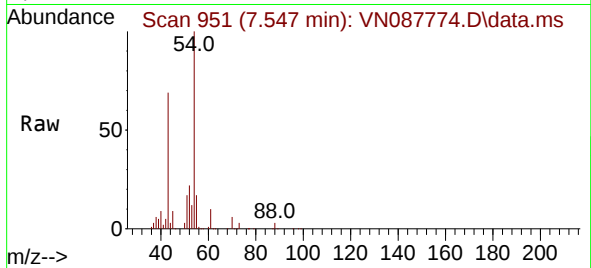




#37
Ethyl Acetate
Concen: 45.790 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

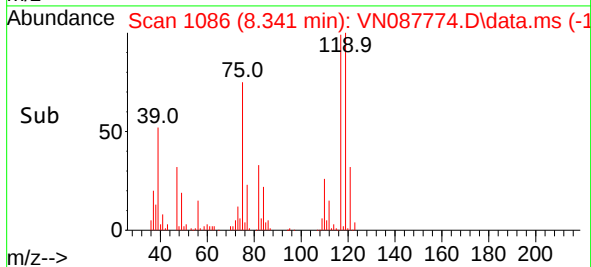
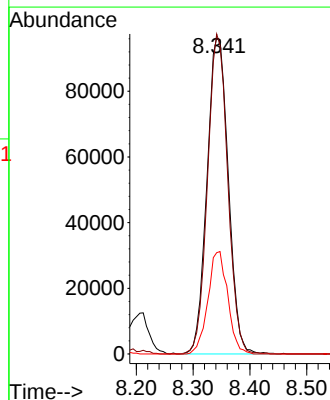
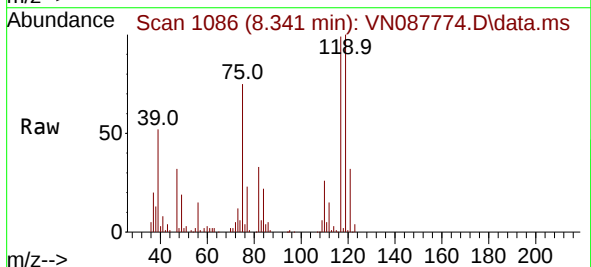
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

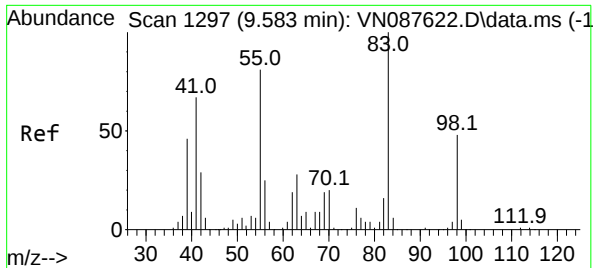
Tgt Ion: 43 Resp: 324200
Ion Ratio Lower Upper
43 100
61 12.2 9.3 13.9
70 8.7 7.0 10.6



#38
Carbon Tetrachloride
Concen: 49.046 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 117 Resp: 250903
Ion Ratio Lower Upper
117 100
119 101.2 79.0 118.6
121 32.0 25.0 37.6

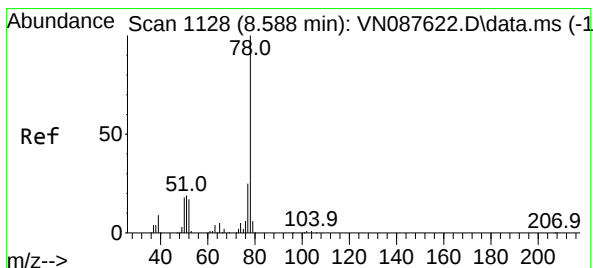
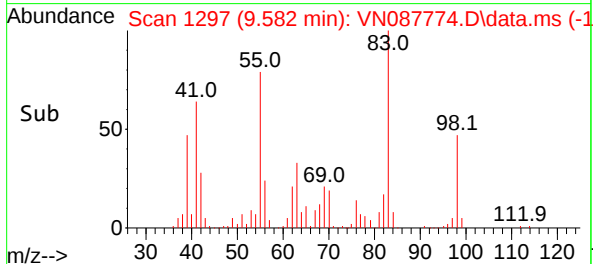
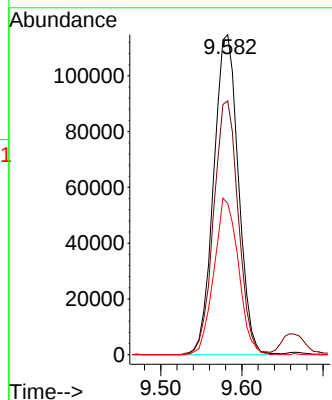
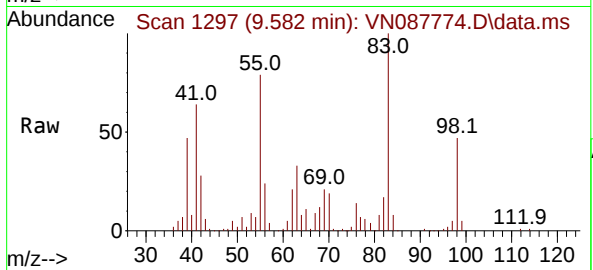




#39
Methylcyclohexane
Concen: 42.533 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

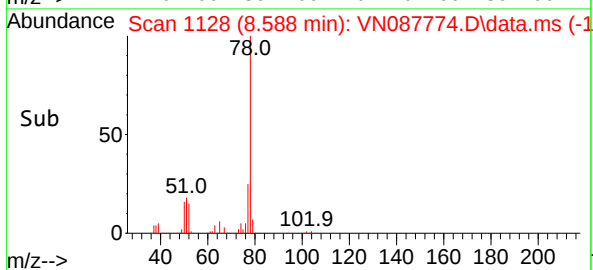
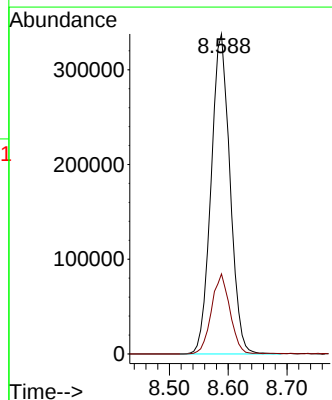
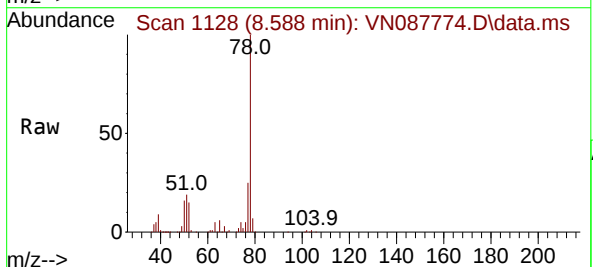
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

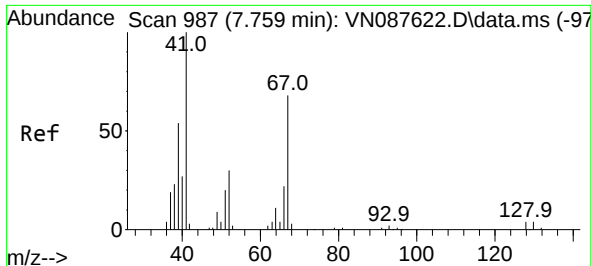
Tgt Ion: 83 Resp: 242623
Ion Ratio Lower Upper
83 100
55 79.3 64.6 96.8
98 47.3 38.4 57.6



#40
Benzene
Concen: 47.392 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 78 Resp: 753143
Ion Ratio Lower Upper
78 100
77 25.0 19.7 29.5



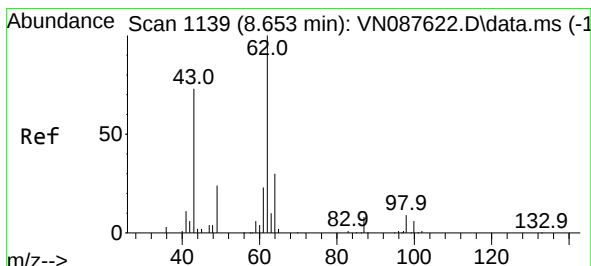
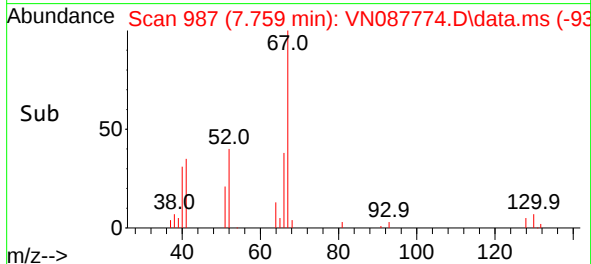
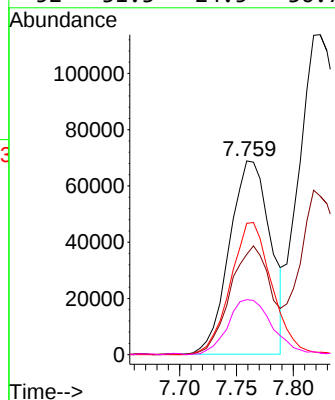
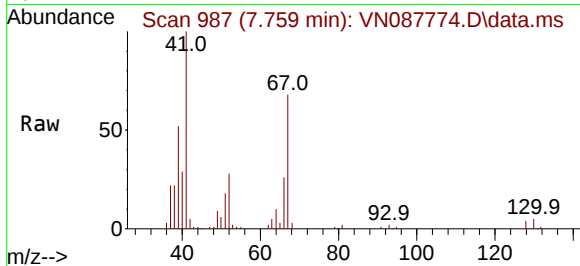


#41
Methacrylonitrile
Concen: 47.121 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 172819

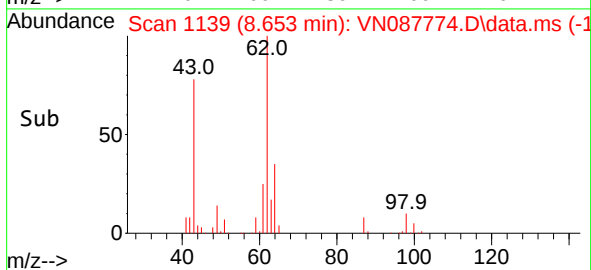
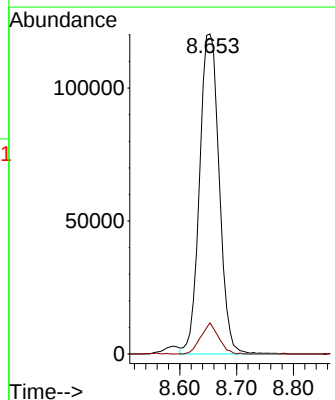
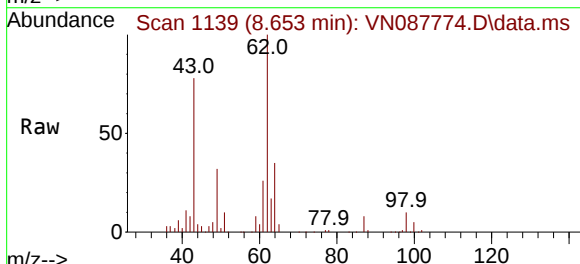
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.4	68.0
67	69.2	55.3	82.9
52	31.3	24.5	36.7

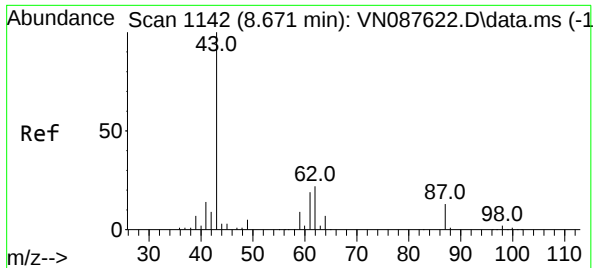


#42
1,2-Dichloroethane
Concen: 47.355 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 62 Resp: 289191

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4

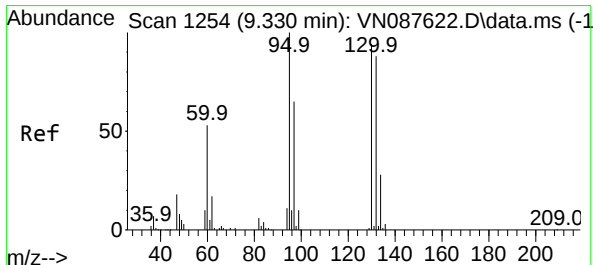
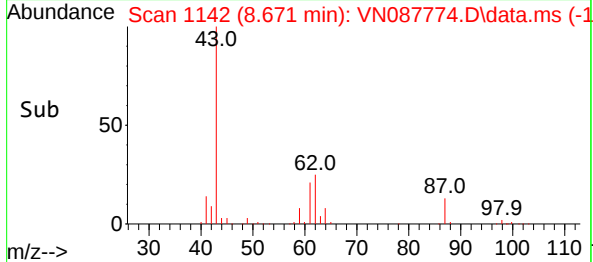
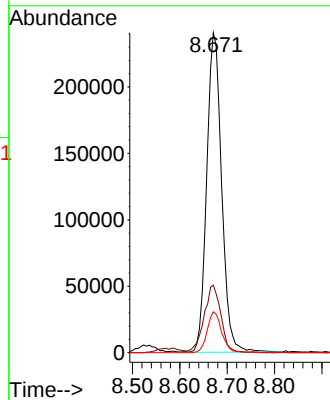
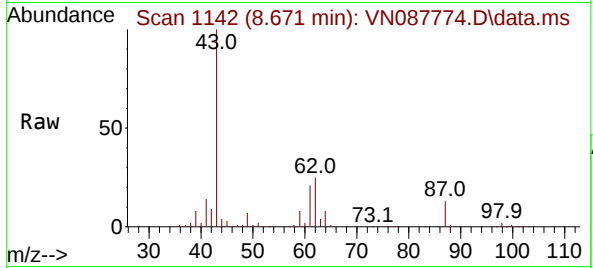




#43
Isopropyl Acetate
Concen: 47.773 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

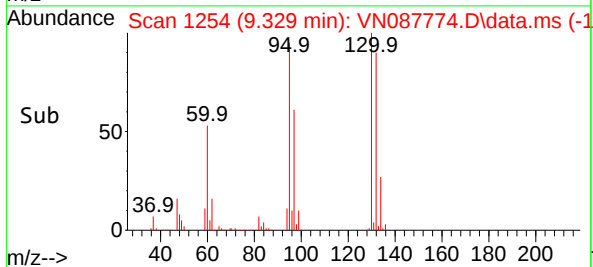
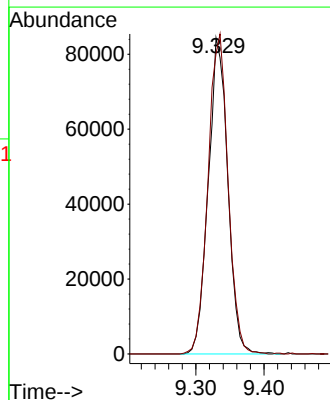
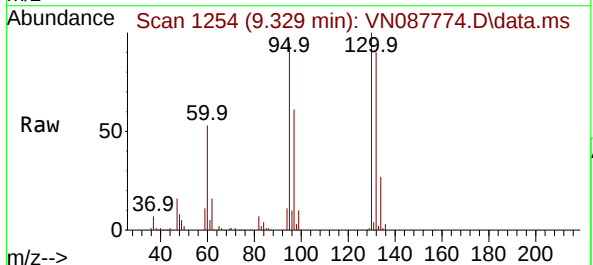
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

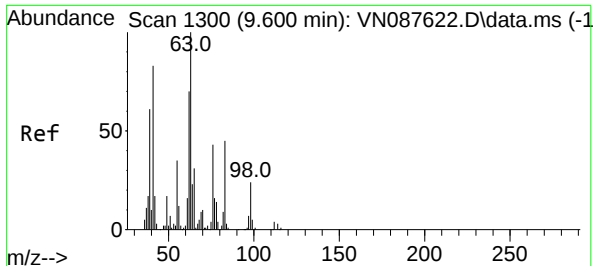
Tgt Ion: 43 Resp: 528084
Ion Ratio Lower Upper
43 100
61 23.3 18.8 28.2
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 46.343 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 130 Resp: 168145
Ion Ratio Lower Upper
130 100
95 95.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 46.749 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

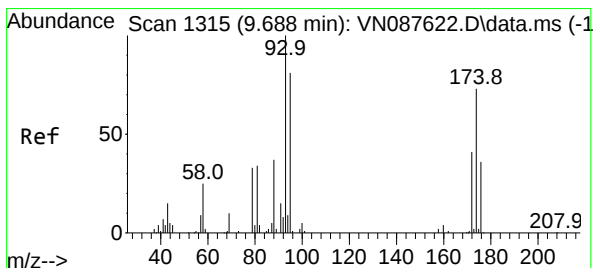
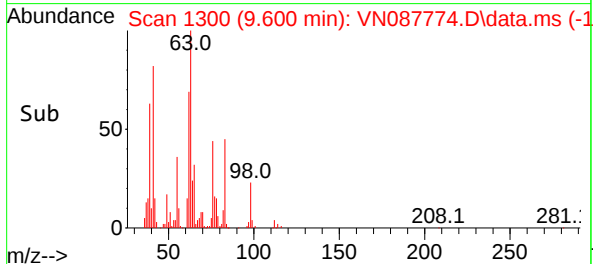
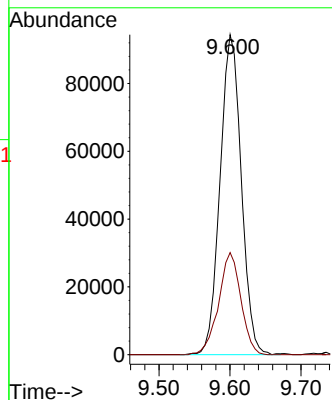
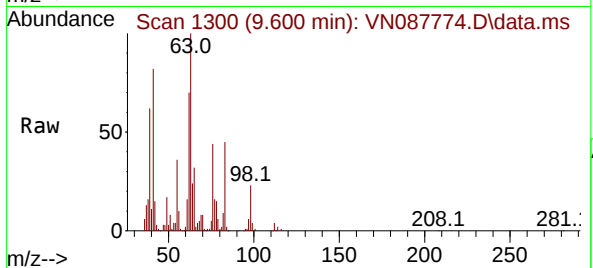
VSTDCCC050

Tgt Ion: 63 Resp: 195830

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 49.443 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

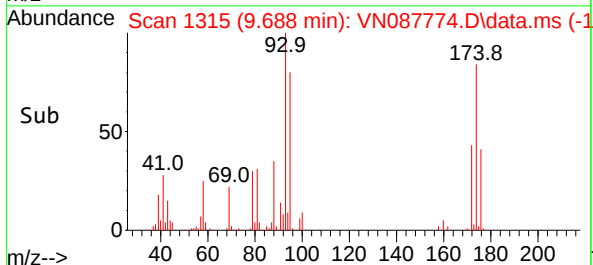
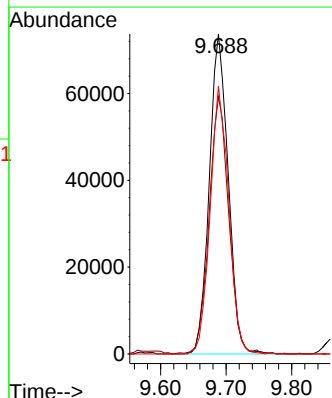
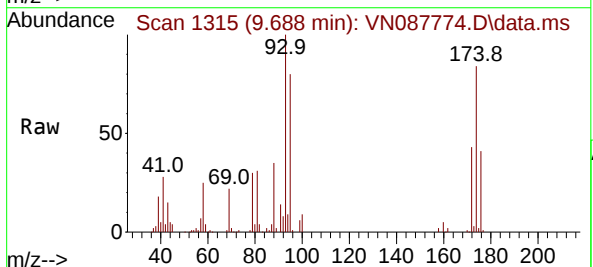
Tgt Ion: 93 Resp: 147387

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 82.6 63.4 95.2

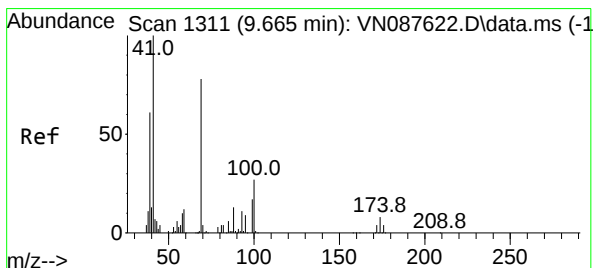
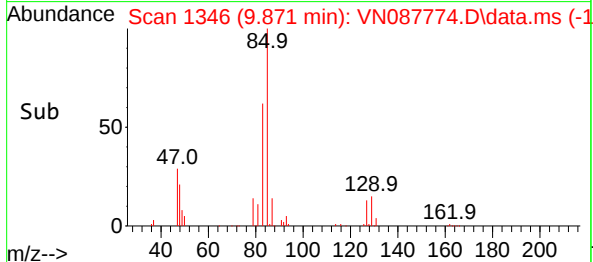
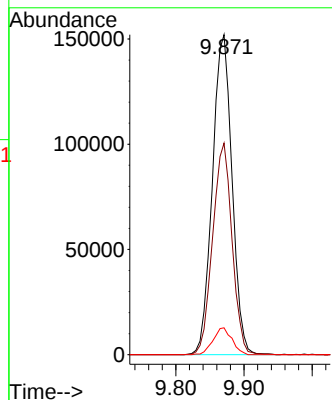
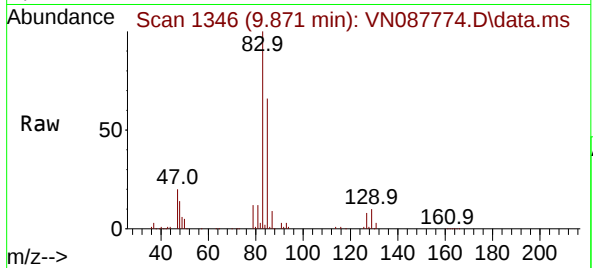




#47
Bromodichloromethane
Concen: 49.870 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

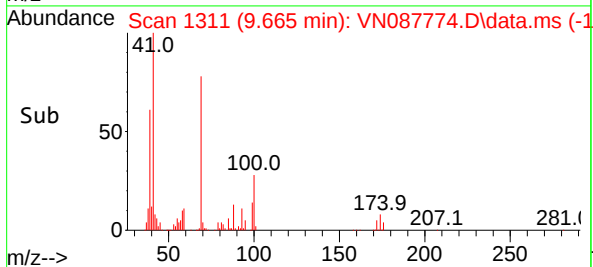
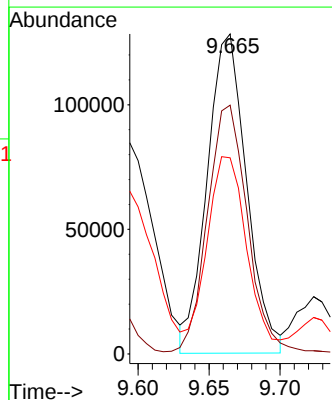
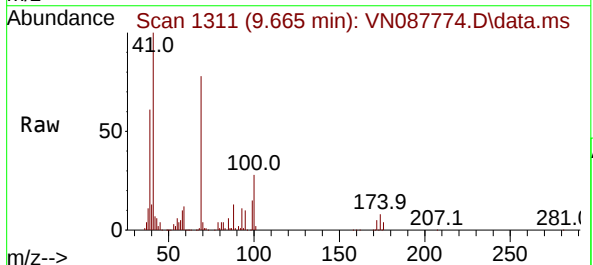
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

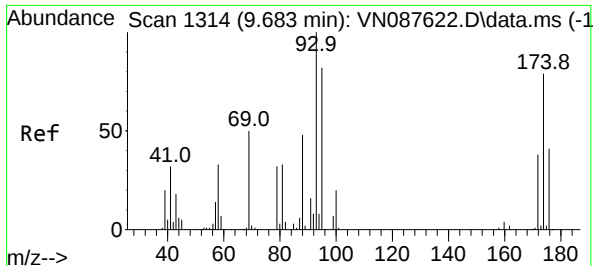
Tgt Ion: 83 Resp: 304671
Ion Ratio Lower Upper
83 100
85 66.1 52.5 78.7
127 8.4 5.8 8.6



#48
Methyl methacrylate
Concen: 47.284 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 41 Resp: 247231
Ion Ratio Lower Upper
41 100
69 79.6 62.7 94.1
39 63.3 52.9 79.3





#49

1,4-Dioxane

Concen: 1028.244 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

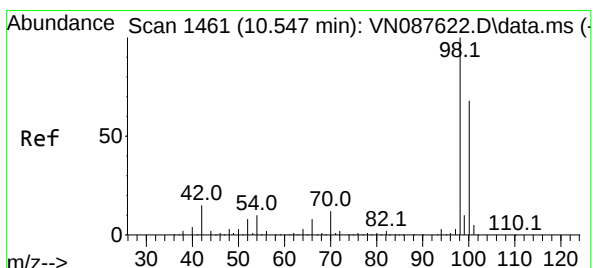
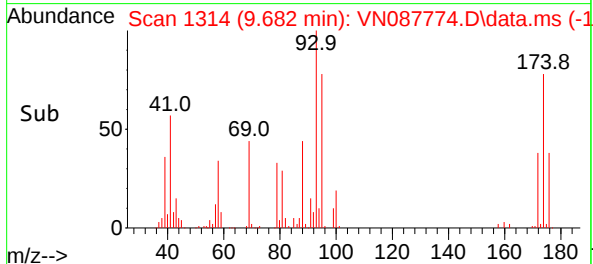
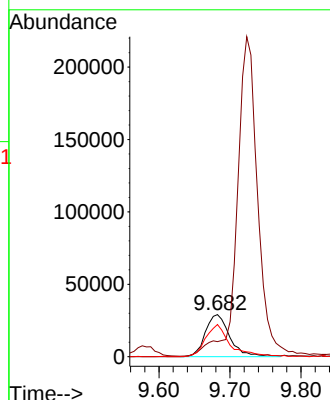
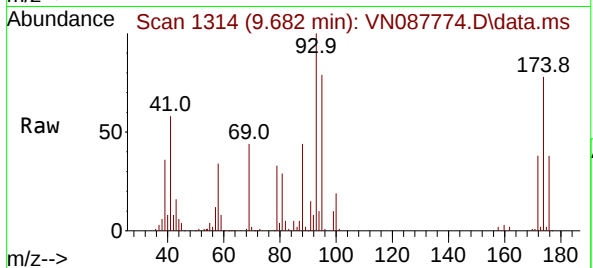
Tgt Ion: 88 Resp: 69684

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.9 57.9 86.9



#50

Toluene-d8

Concen: 49.809 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087774.D

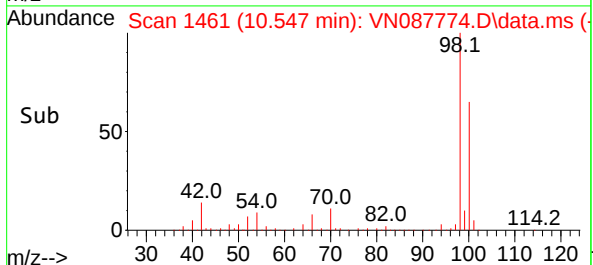
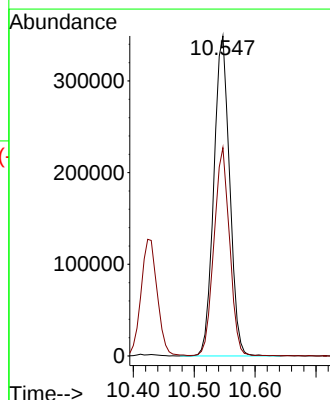
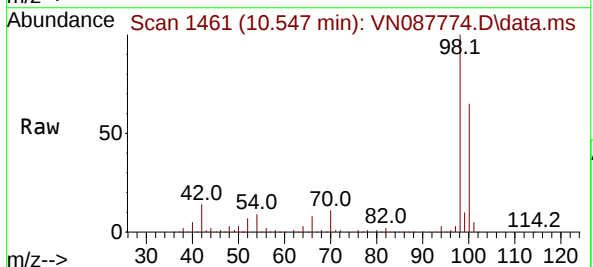
Acq: 10 Sep 2025 11:47

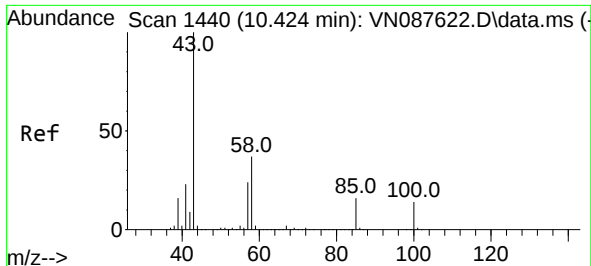
Tgt Ion: 98 Resp: 629636

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

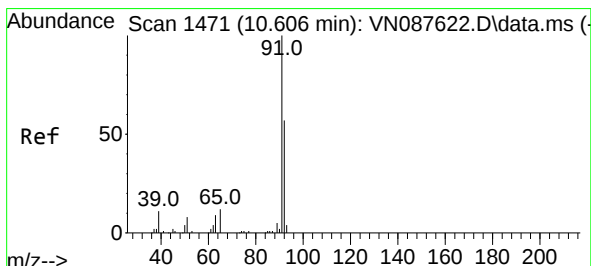
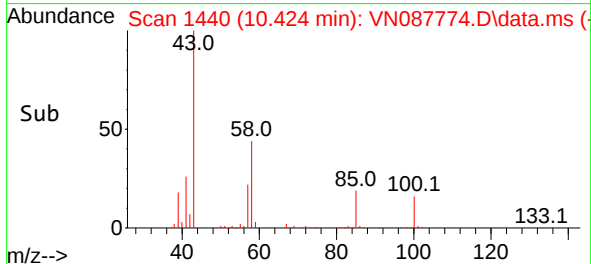
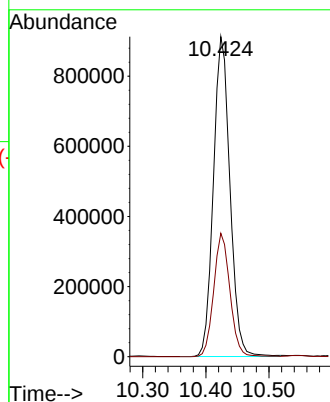
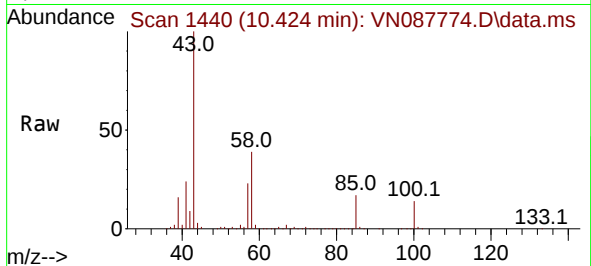




#51
4-Methyl-2-Pentanone
Concen: 249.536 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

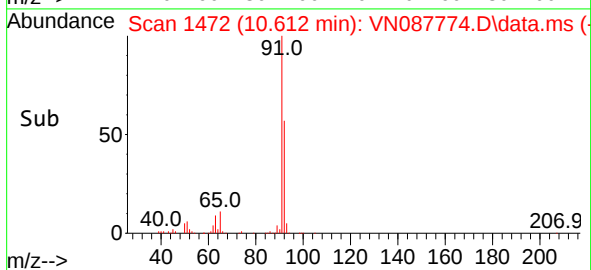
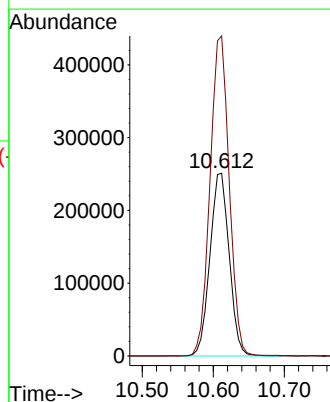
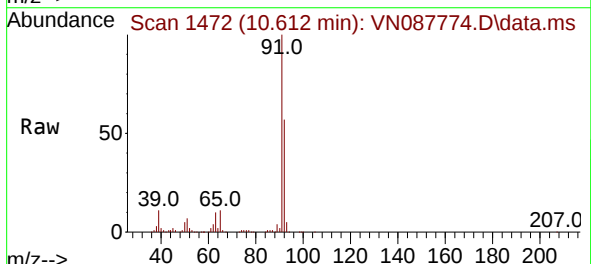
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

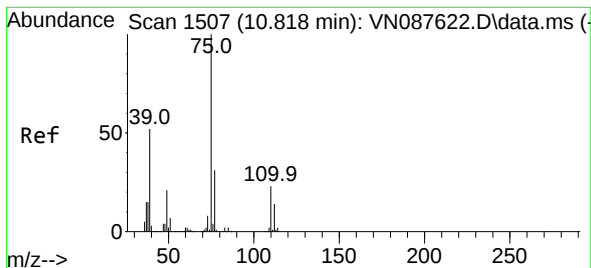
Tgt Ion: 43 Resp: 1664244
Ion Ratio Lower Upper
43 100
58 37.8 29.6 44.4



#52
Toluene
Concen: 47.874 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 92 Resp: 471660
Ion Ratio Lower Upper
92 100
91 174.8 140.4 210.6

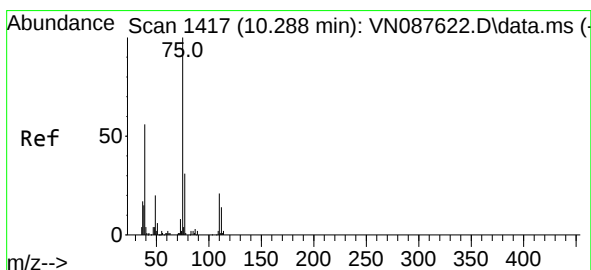
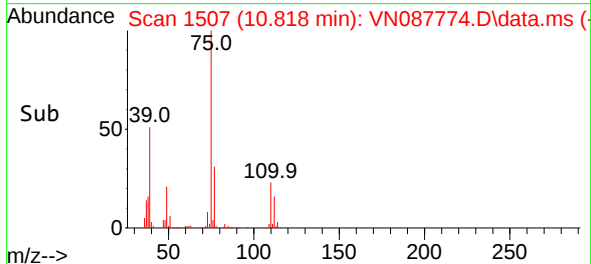
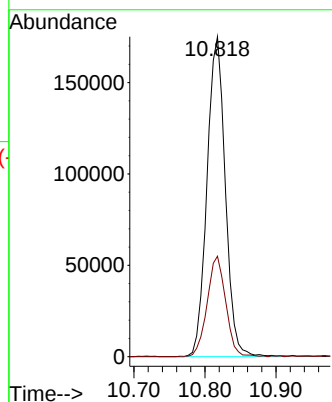
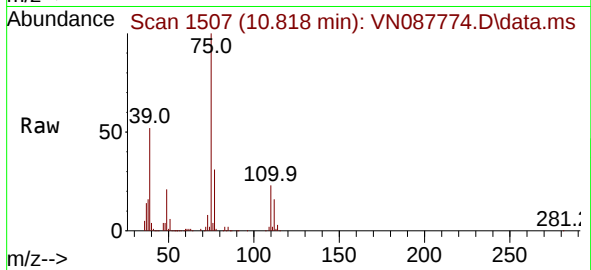




#53
t-1,3-Dichloropropene
Concen: 49.603 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

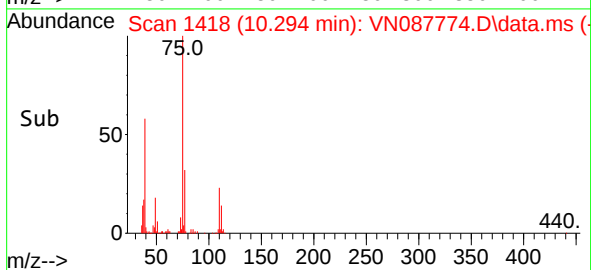
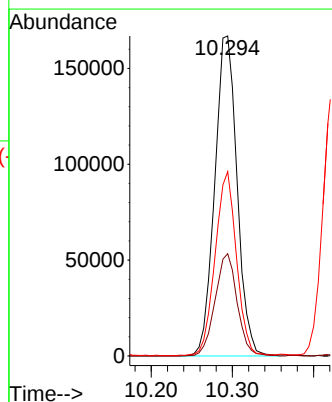
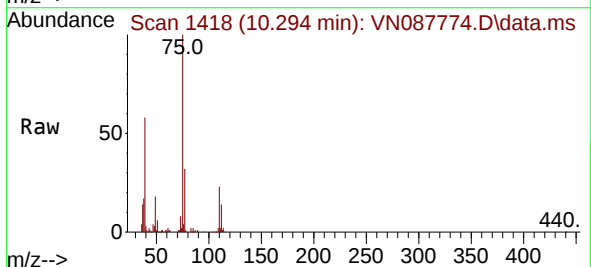
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

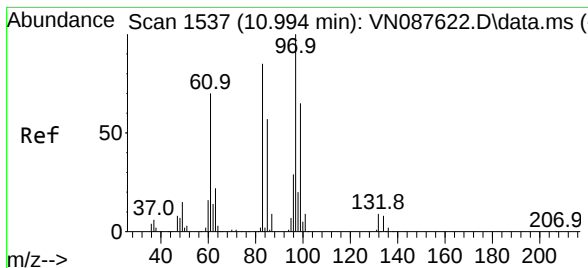
Tgt Ion: 75 Resp: 313674
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 48.709 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 75 Resp: 319829
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 57.3 45.2 67.8

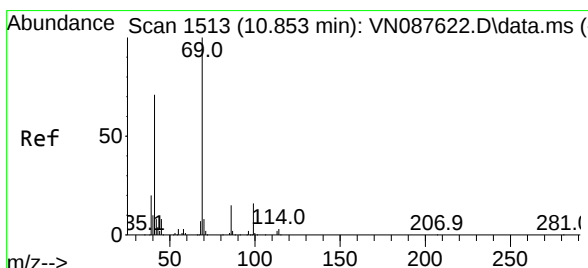
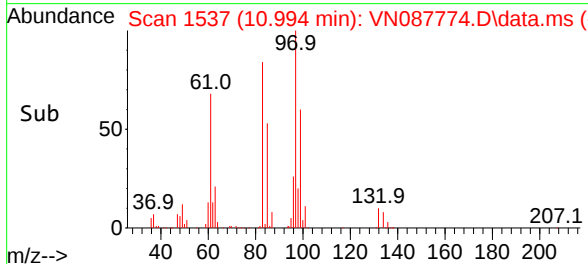
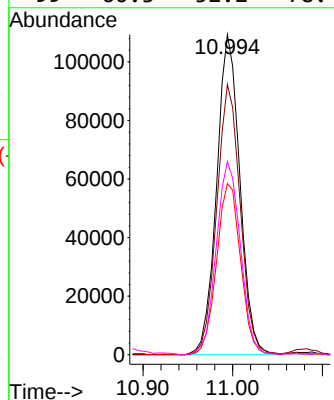
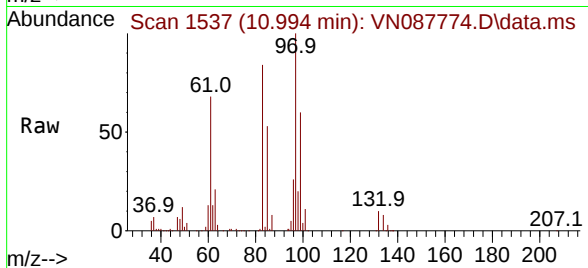




#55
1,1,2-Trichloroethane
Concen: 51.608 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

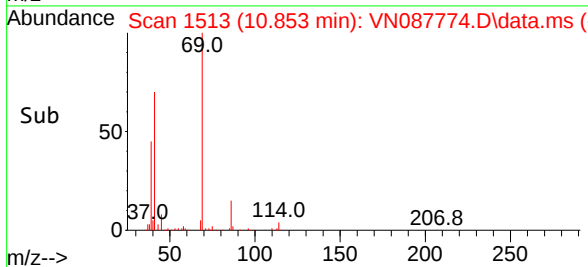
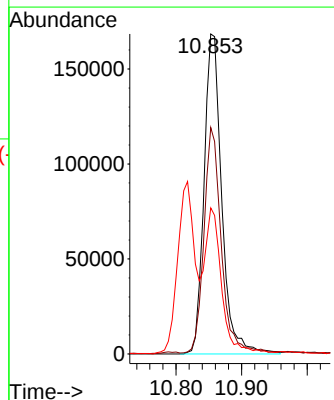
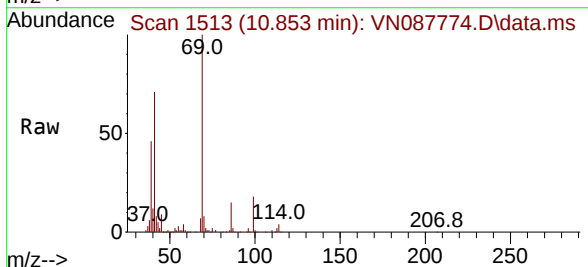
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	196689
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.4
85	53.4	45.5	68.3
99	60.3	52.2	78.4



#56
Ethyl methacrylate
Concen: 52.031 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion:	69	Resp:	316909
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.5	84.7
39	43.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 50.314 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

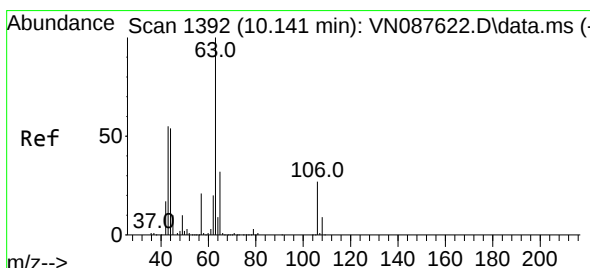
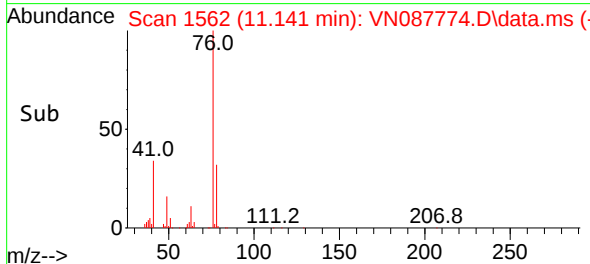
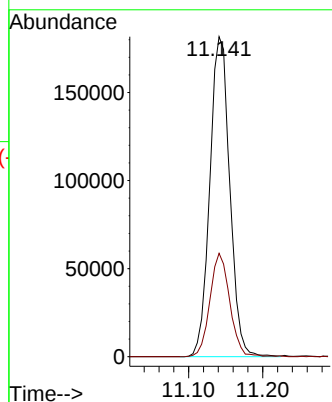
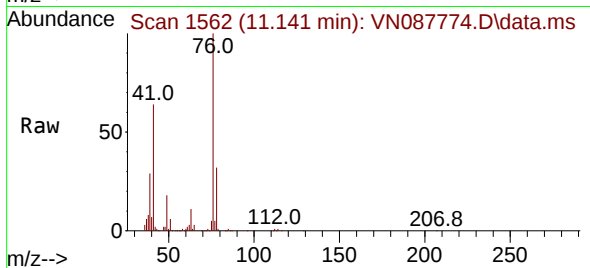
VSTDCCC050

Tgt Ion: 76 Resp: 339367

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 241.403 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087774.D

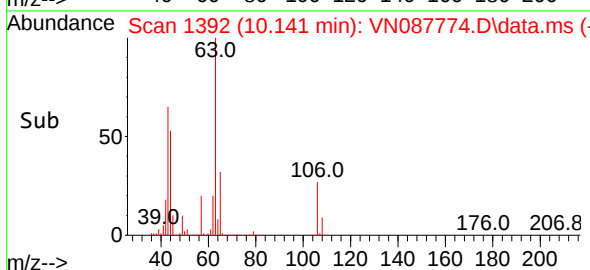
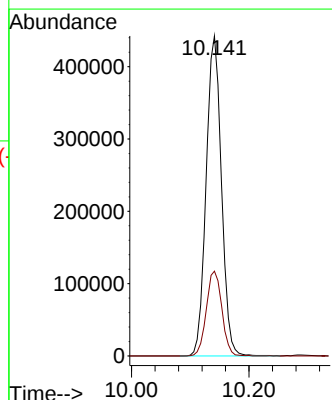
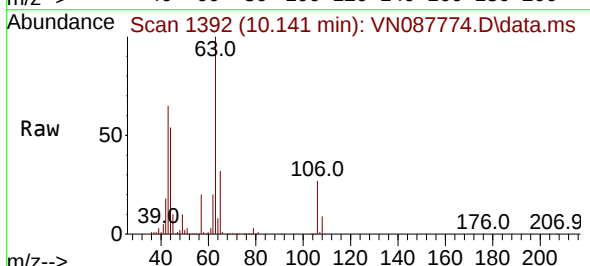
Acq: 10 Sep 2025 11:47

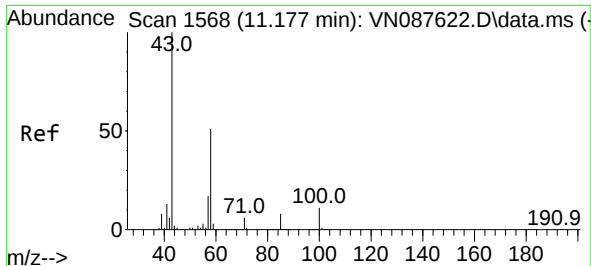
Tgt Ion: 63 Resp: 795826

Ion Ratio Lower Upper

63 100

106 26.9 21.1 31.7

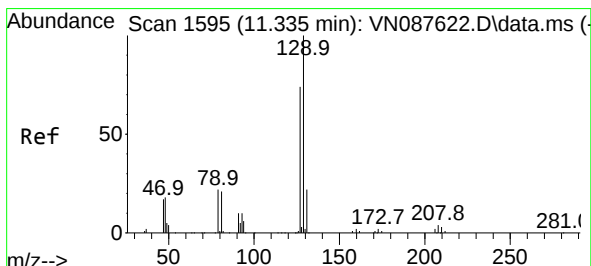
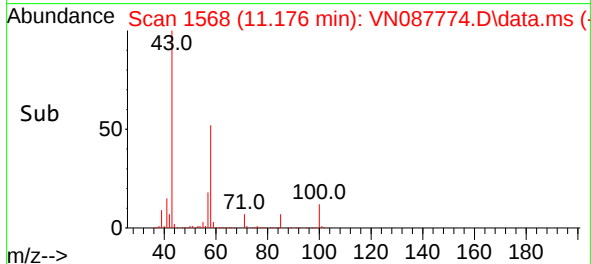
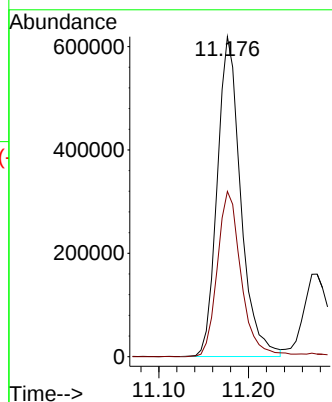
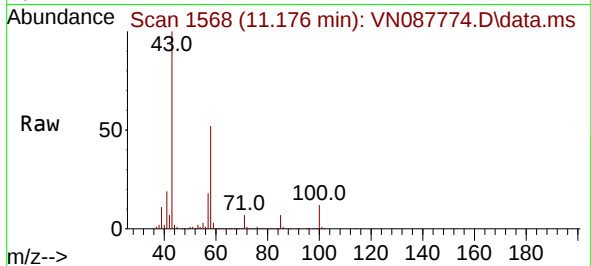




#59
2-Hexanone
Concen: 266.971 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

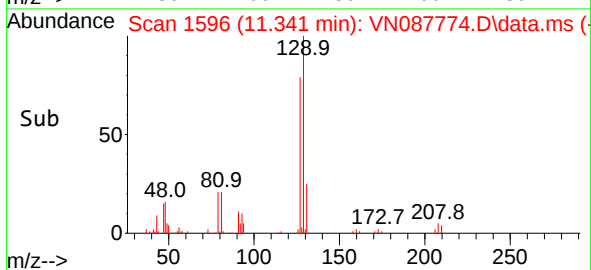
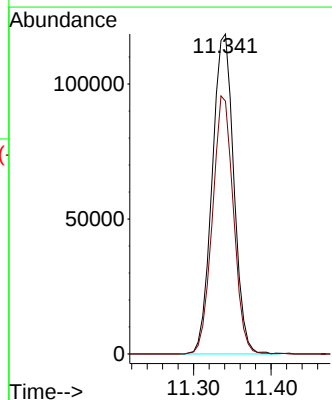
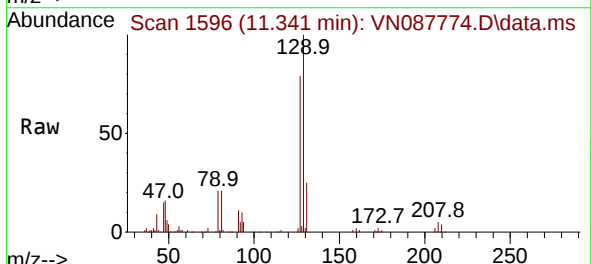
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

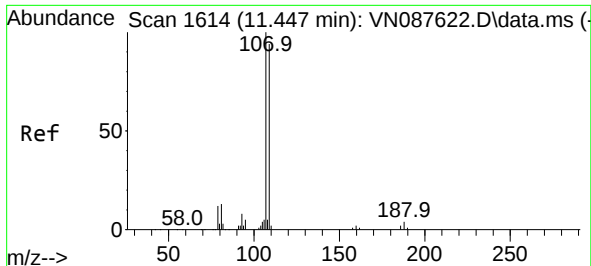
Tgt Ion: 43 Resp: 1125287
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8



#60
Dibromochloromethane
Concen: 52.019 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion:129 Resp: 229719
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

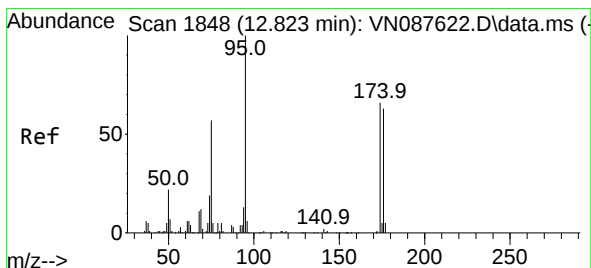
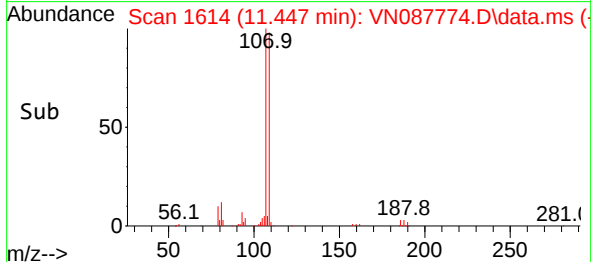
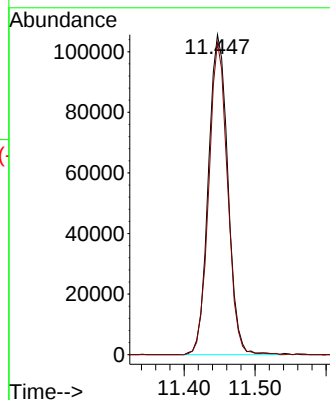
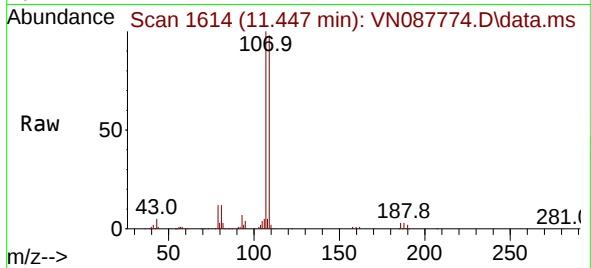




#61
1,2-Dibromoethane
Concen: 50.029 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

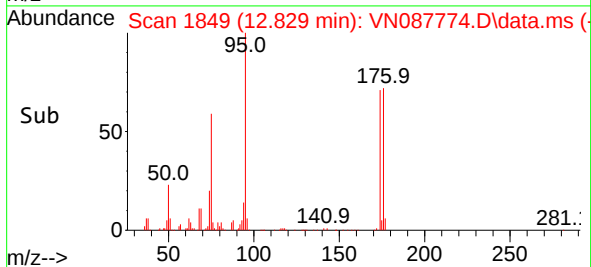
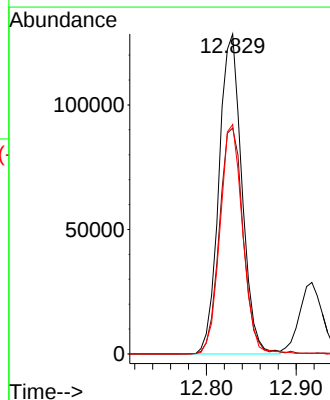
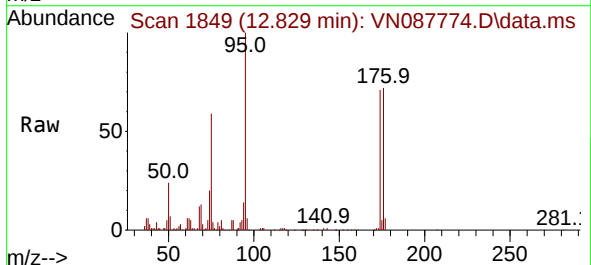
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

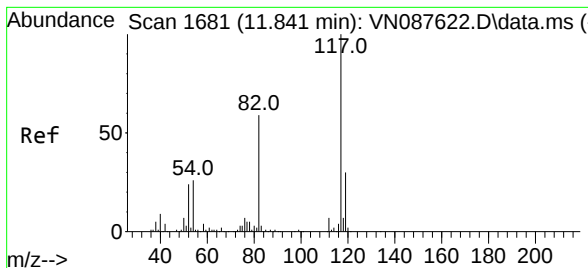
Tgt Ion:107 Resp: 201051
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.660 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 95 Resp: 227744
Ion Ratio Lower Upper
95 100
174 73.2 0.0 138.4
176 71.1 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

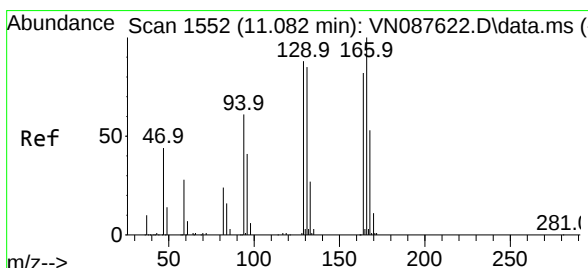
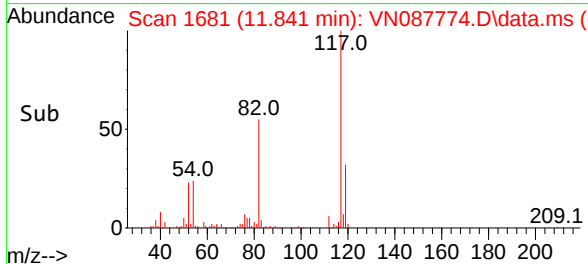
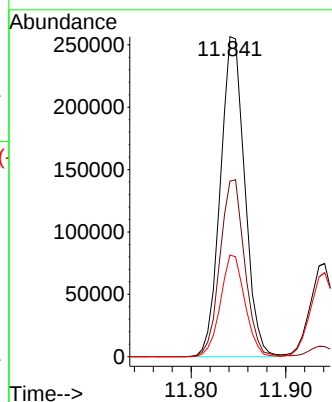
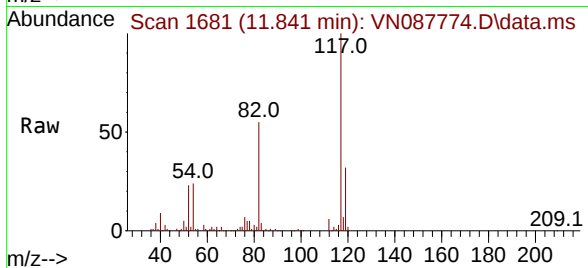
Tgt Ion:117 Resp: 458675

Ion Ratio Lower Upper

117 100

82 54.9 47.4 71.2

119 31.8 24.3 36.5



#64

Tetrachloroethene

Concen: 43.330 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Tgt Ion:164 Resp: 137887

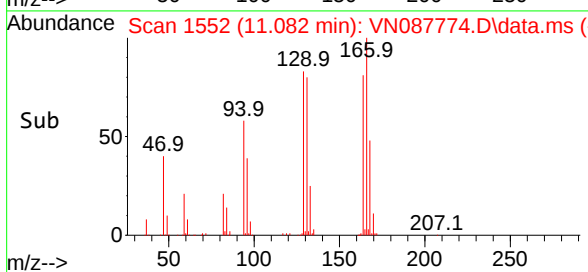
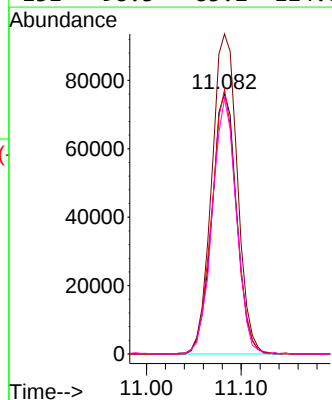
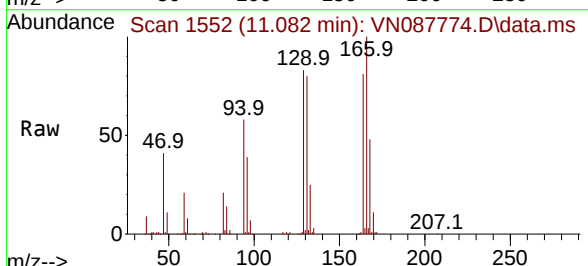
Ion Ratio Lower Upper

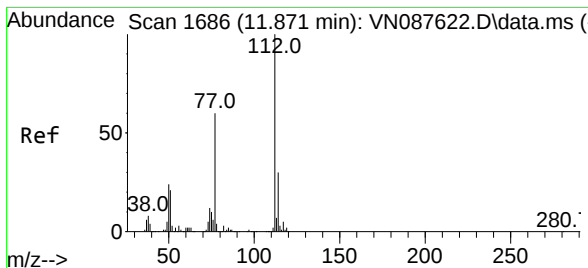
164 100

166 123.0 97.7 146.5

129 101.7 85.9 128.9

131 98.3 83.2 124.8





#65

Chlorobenzene

Concen: 46.591 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

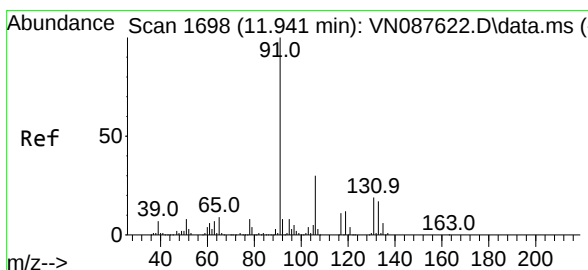
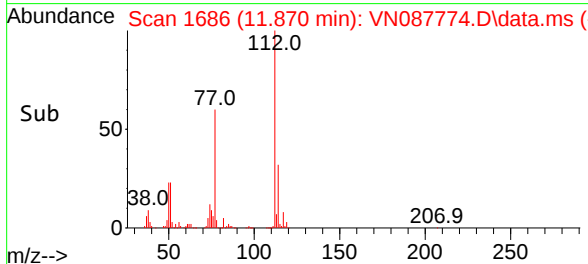
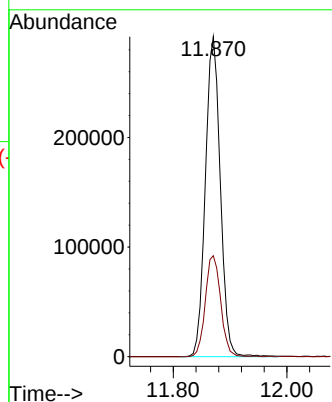
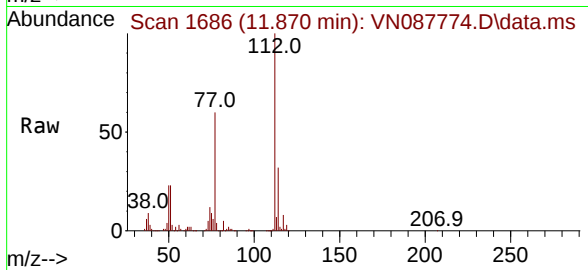
VSTDCCC050

Tgt Ion:112 Resp: 531659

Ion Ratio Lower Upper

112 100

114 31.5 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 50.840 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

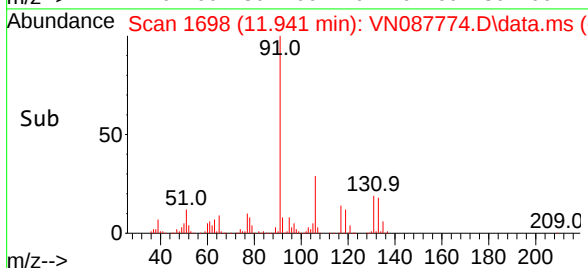
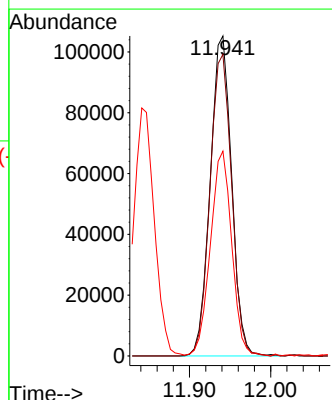
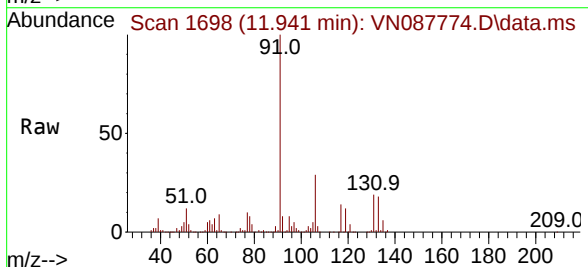
Tgt Ion:131 Resp: 192598

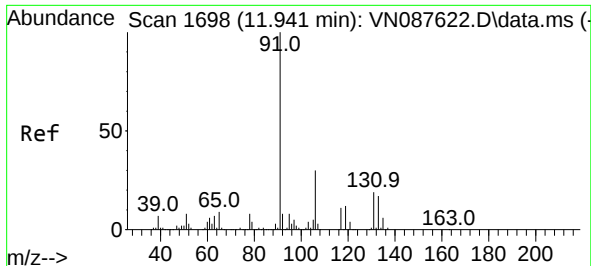
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

119 63.8 32.6 97.7





#67

Ethyl Benzene

Concen: 46.315 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

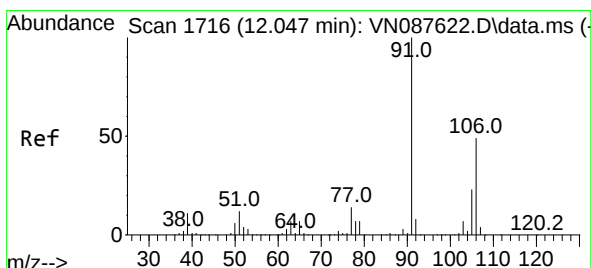
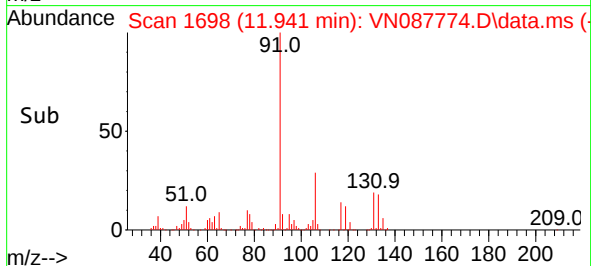
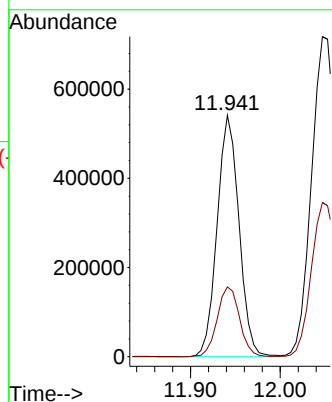
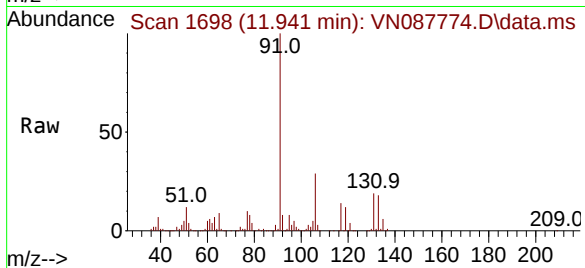
VSTDCCC050

Tgt Ion: 91 Resp: 915074

Ion Ratio Lower Upper

91 100

106 28.9 24.1 36.1



#68

m/p-Xylenes

Concen: 96.326 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087774.D

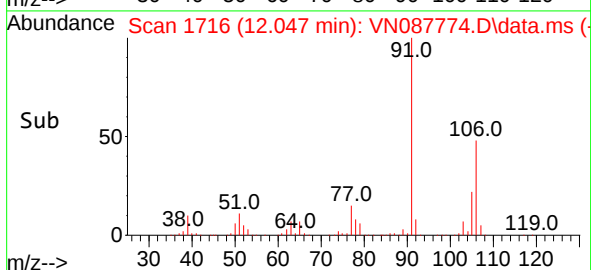
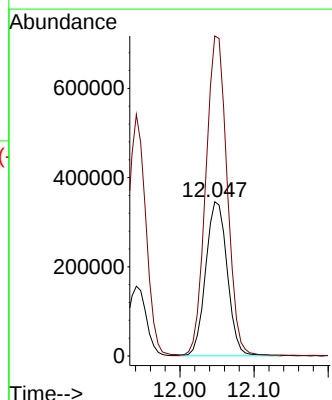
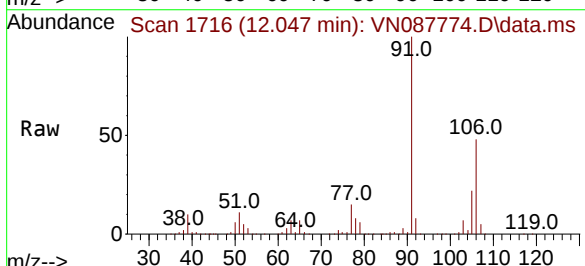
Acq: 10 Sep 2025 11:47

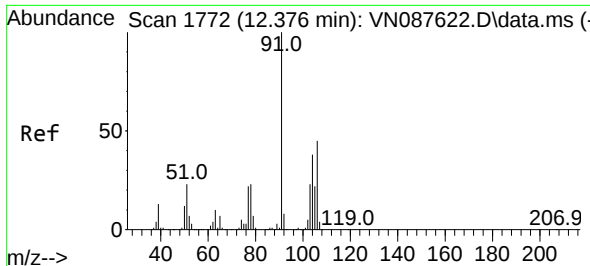
Tgt Ion:106 Resp: 697974

Ion Ratio Lower Upper

106 100

91 205.8 169.3 253.9

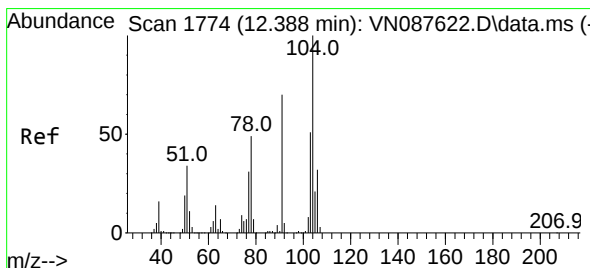
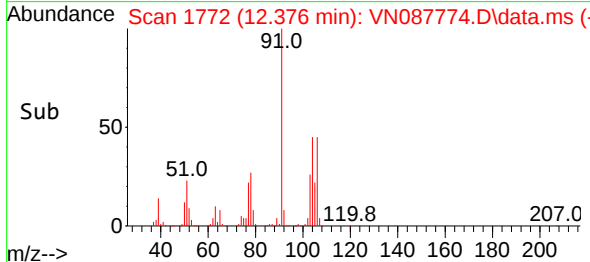
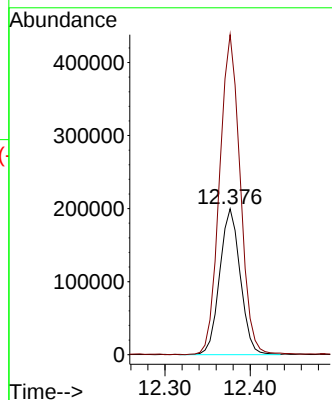
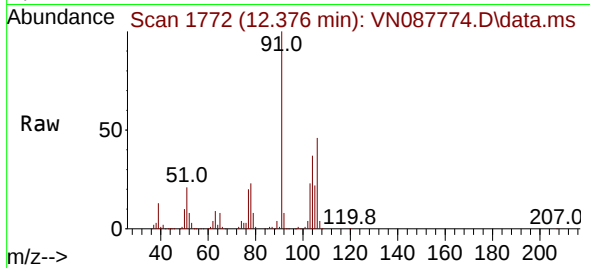




#69
o-Xylene
Concen: 47.128 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

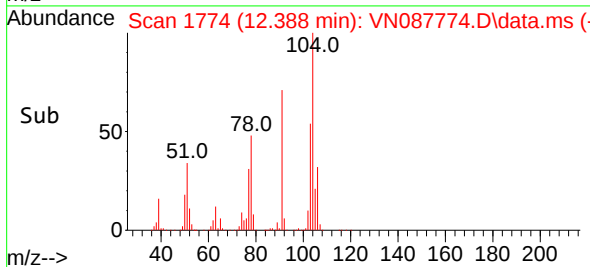
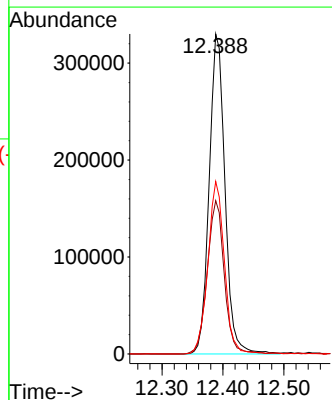
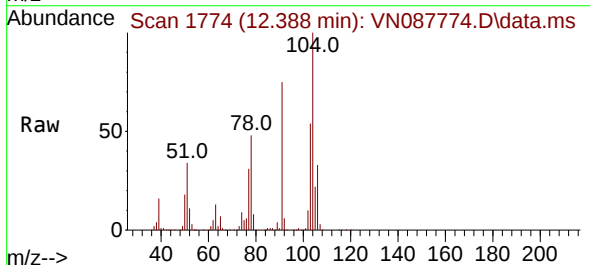
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

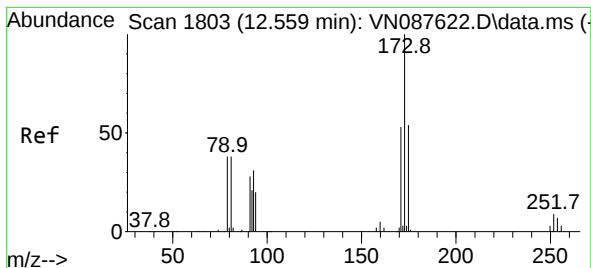
Tgt Ion:106 Resp: 334657
Ion Ratio Lower Upper
106 100
91 220.3 111.4 334.2



#70
Styrene
Concen: 50.138 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion:104 Resp: 596463
Ion Ratio Lower Upper
104 100
78 51.5 42.2 63.2
103 56.2 43.4 65.2





#71

Bromoform

Concen: 52.460 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

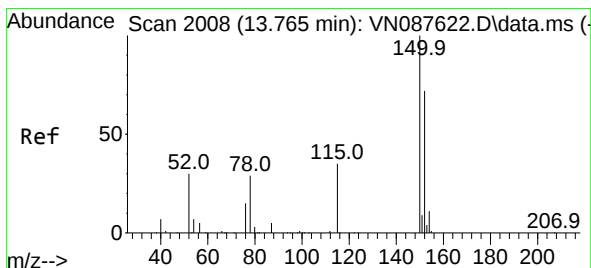
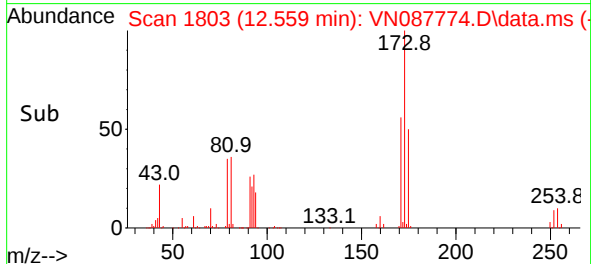
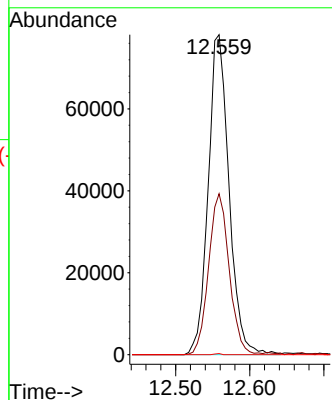
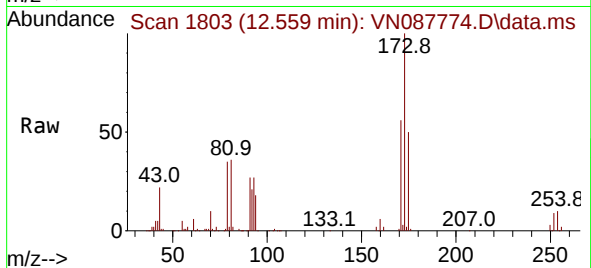
Tgt Ion:173 Resp: 152417

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

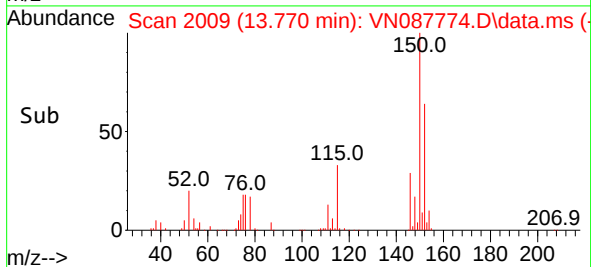
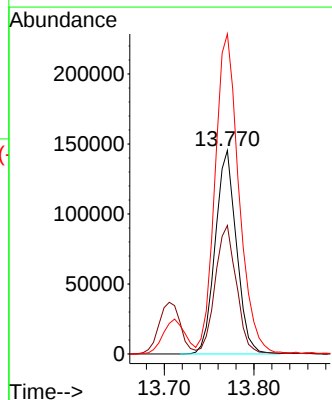
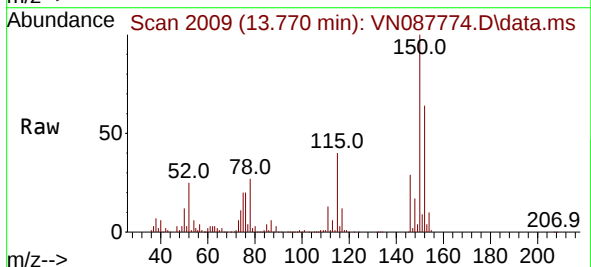
Tgt Ion:152 Resp: 238791

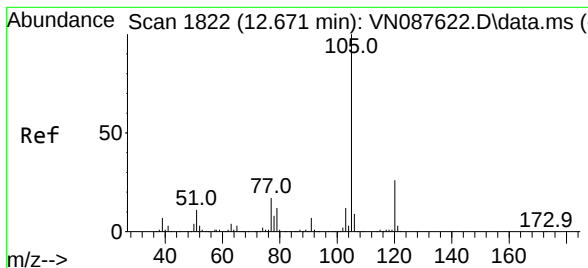
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 176.7 0.0 351.0





#73

Isopropylbenzene

Concen: 44.919 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

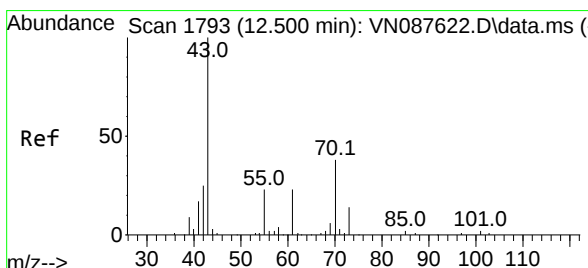
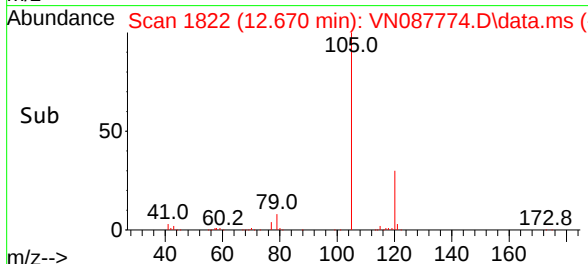
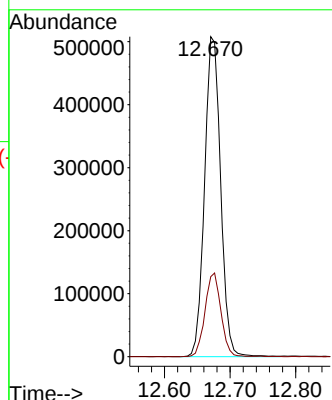
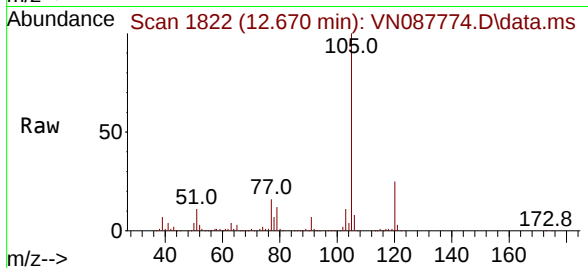
VSTDCCC050

Tgt Ion:105 Resp: 866761

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 24.926 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Tgt Ion: 43 Resp: 182271

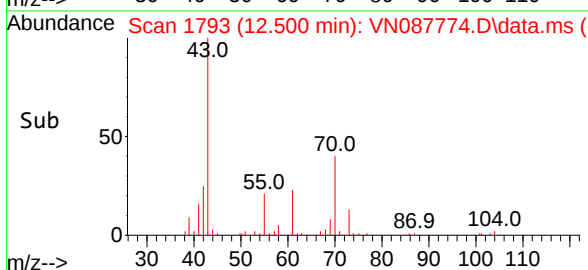
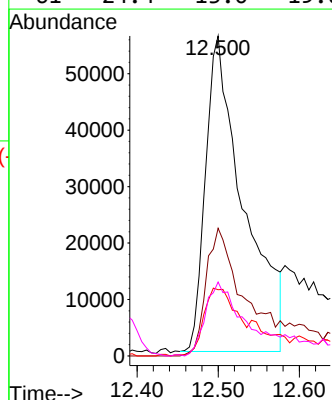
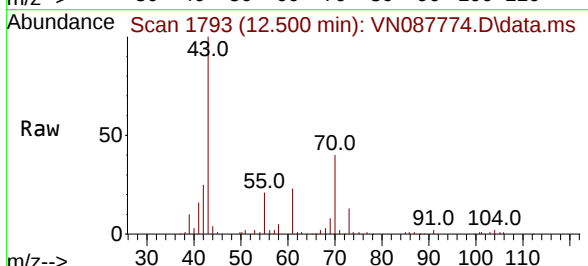
Ion Ratio Lower Upper

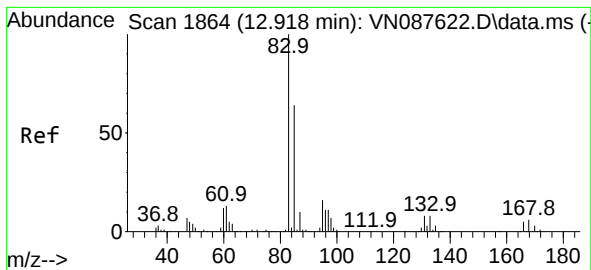
43 100

70 49.4 27.6 41.4#

55 18.6 13.0 19.6

61 24.4 13.0 19.6#

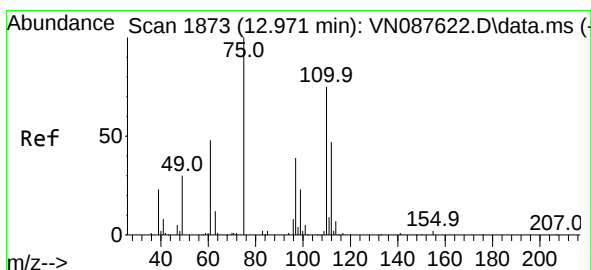
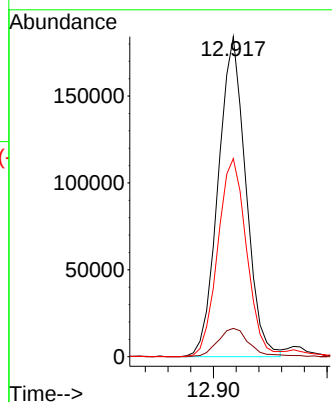
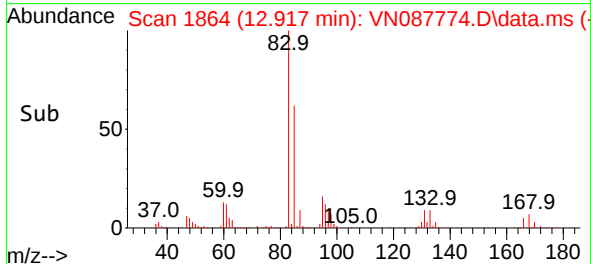
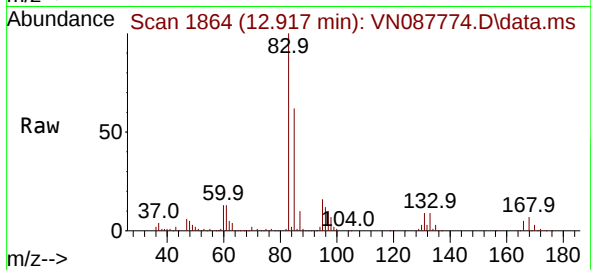




#75
1,1,2,2-Tetrachloroethane
Concen: 46.918 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

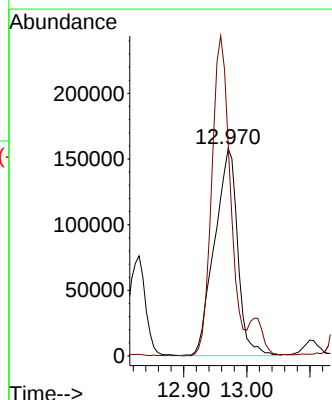
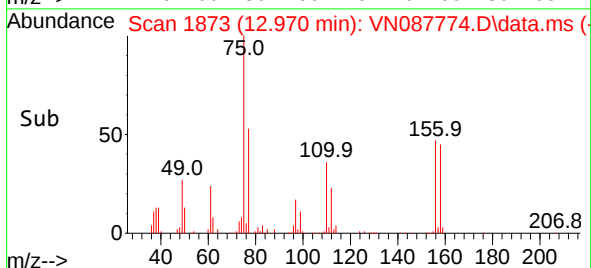
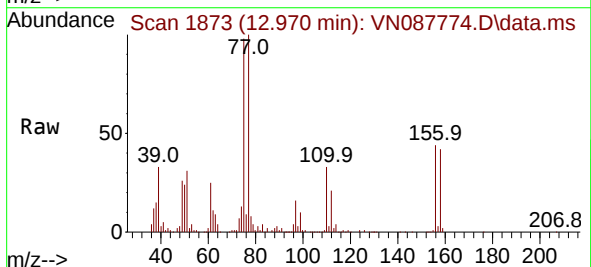
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

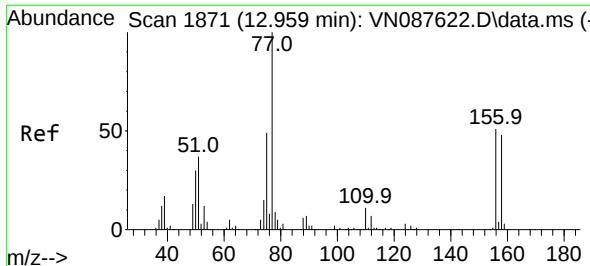
Tgt Ion: 83 Resp: 311691
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.5 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 71.740 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 75 Resp: 401726
Ion Ratio Lower Upper
75 100
77 124.2 89.1 267.4

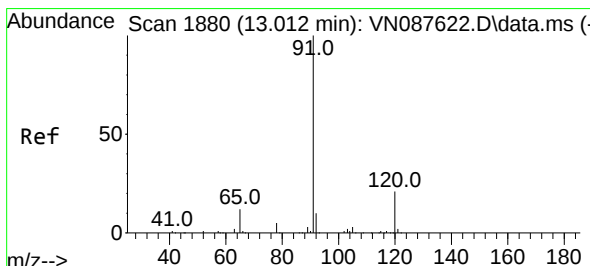
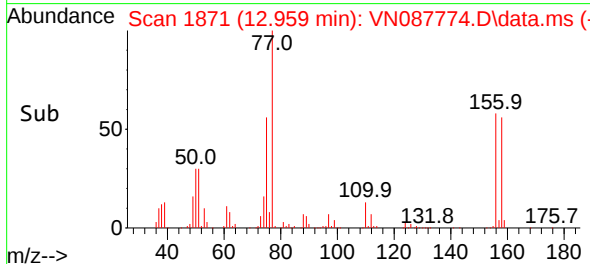
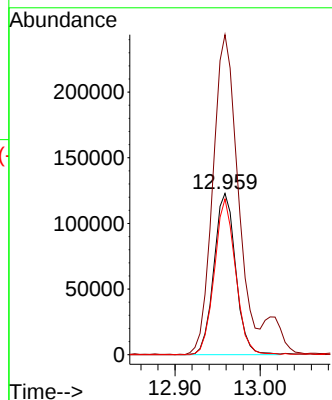
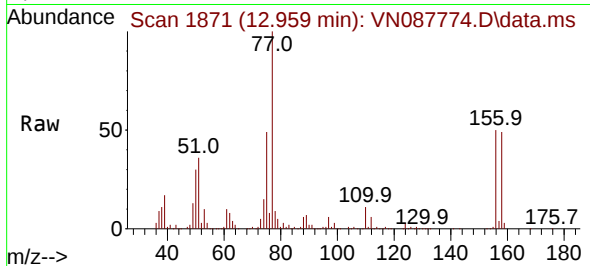




#77
Bromobenzene
Concen: 47.724 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

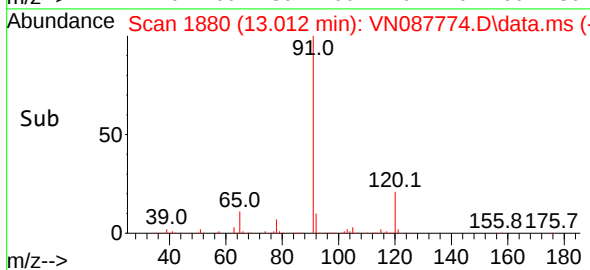
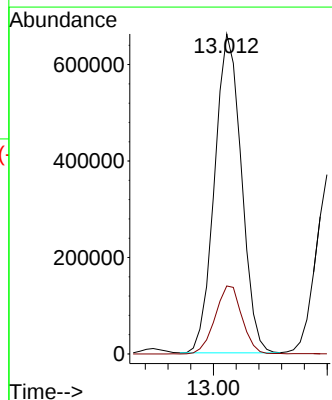
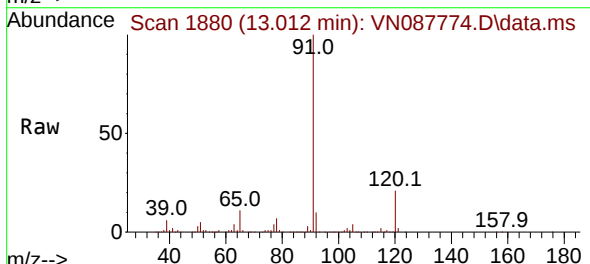
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

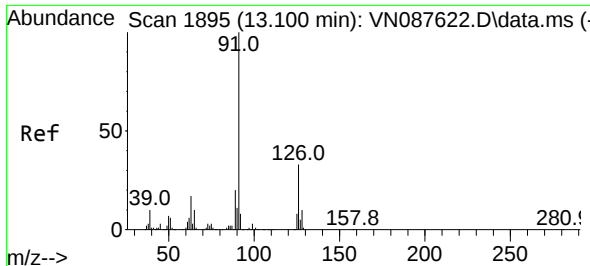
Tgt Ion:156 Resp: 217125
Ion Ratio Lower Upper
156 100
77 229.7 119.3 358.0
158 94.0 48.2 144.6



#78
n-propylbenzene
Concen: 45.648 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 91 Resp: 1084937
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1

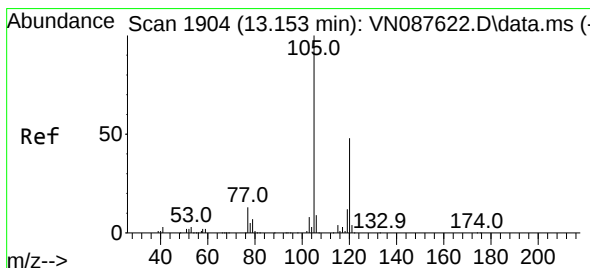
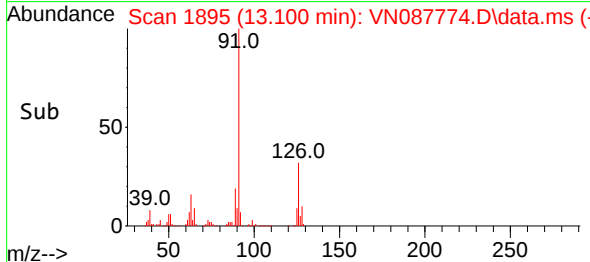
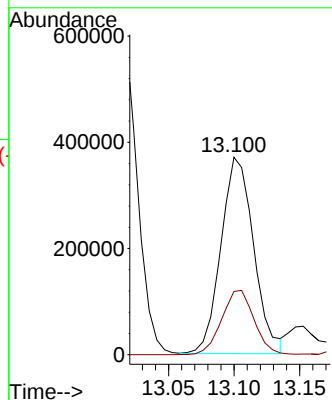
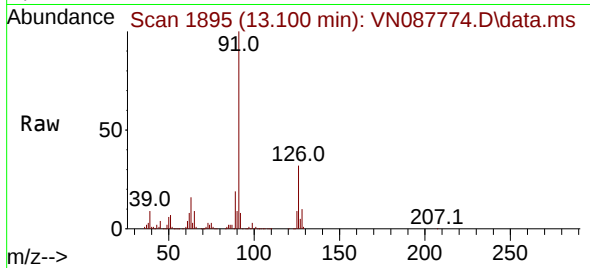




#79
2-Chlorotoluene
Concen: 44.954 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

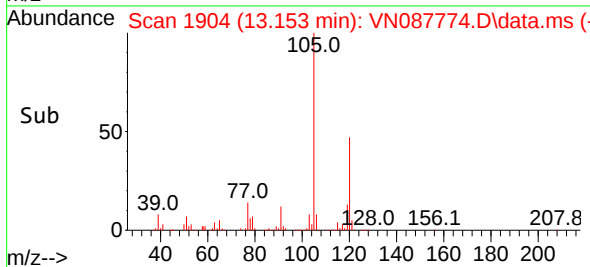
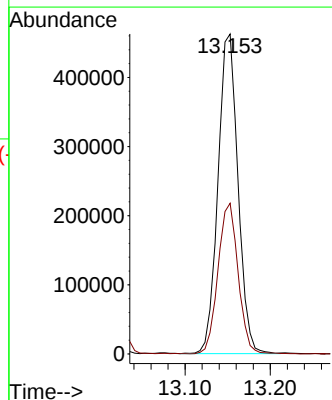
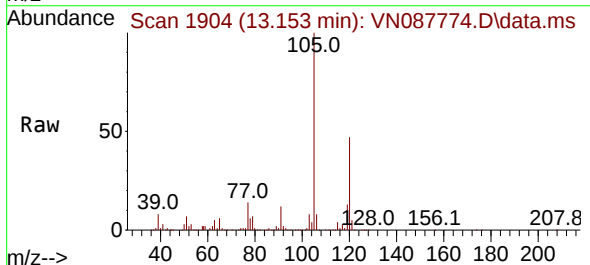
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

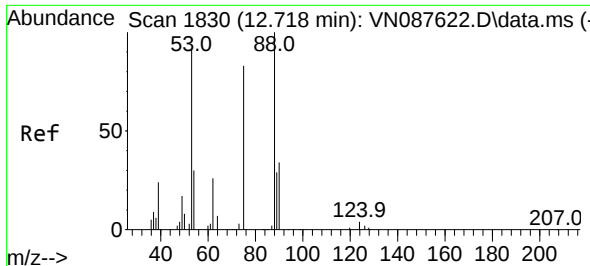
Tgt Ion: 91 Resp: 642986
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 45.956 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 105 Resp: 752254
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.6

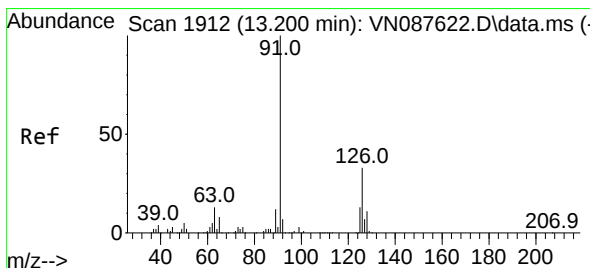
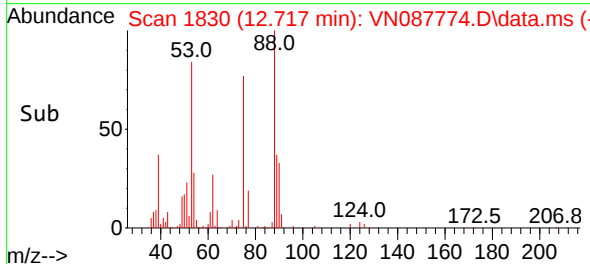
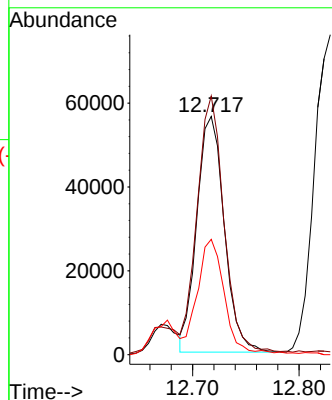
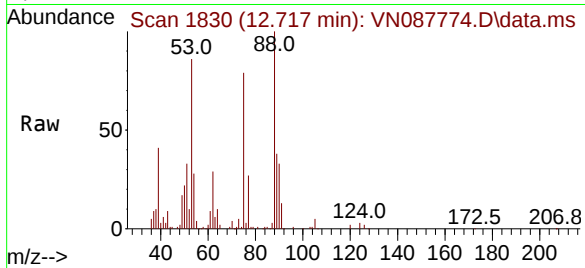




#81
trans-1,4-Dichloro-2-butene
Concen: 47.697 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

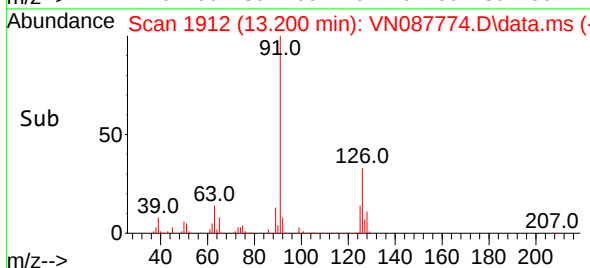
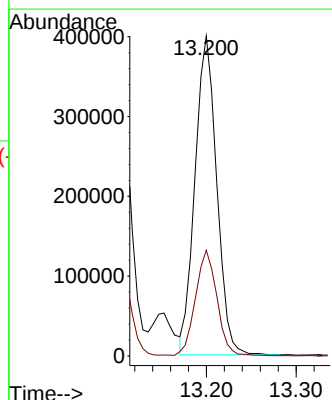
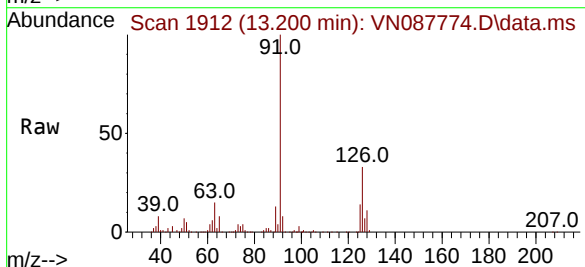
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

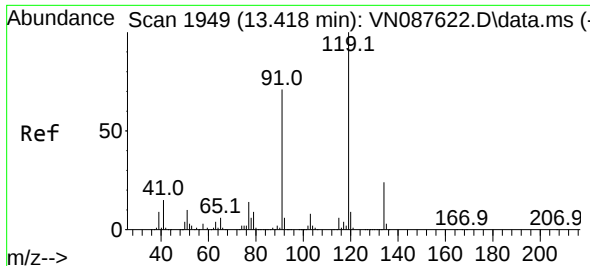
Tgt Ion: 75 Resp: 100889
Ion Ratio Lower Upper
75 100
53 106.3 101.8 152.6
89 47.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 44.668 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 91 Resp: 671717
Ion Ratio Lower Upper
91 100
126 32.9 15.6 46.8

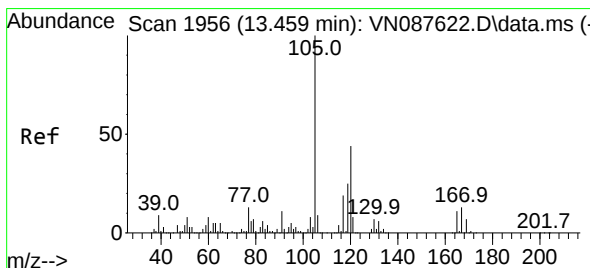
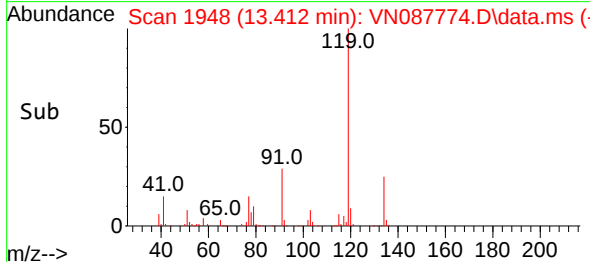
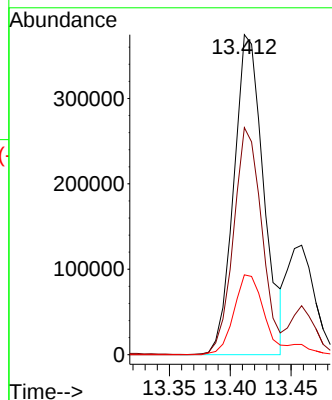
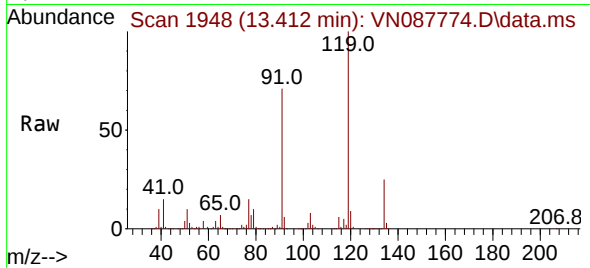




#83
tert-Butylbenzene
Concen: 46.877 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

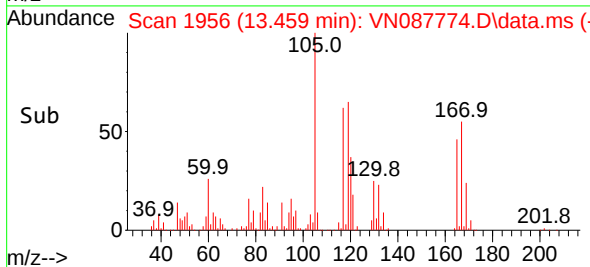
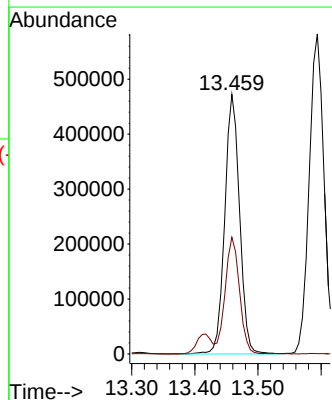
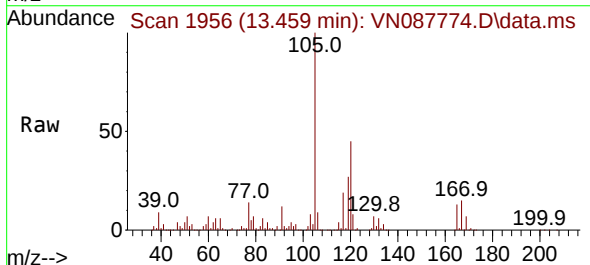
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

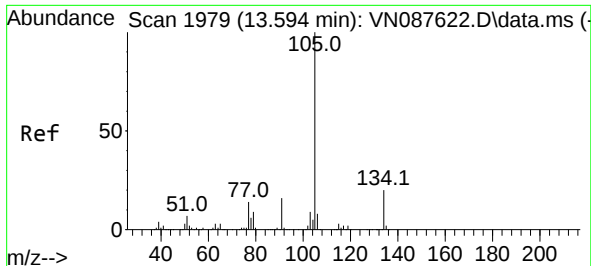
Tgt Ion:119 Resp: 639434
Ion Ratio Lower Upper
119 100
91 67.4 35.0 105.0
134 27.4 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 47.025 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion:105 Resp: 770562
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0

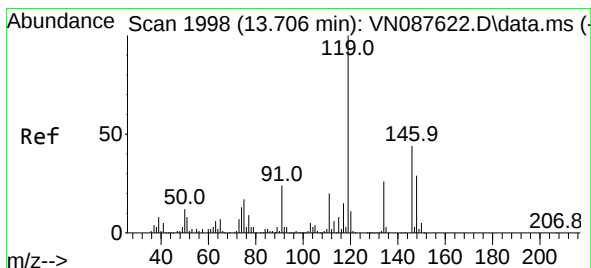
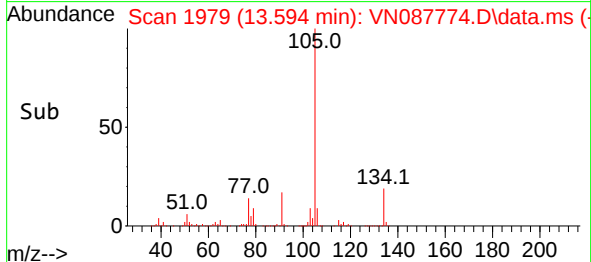
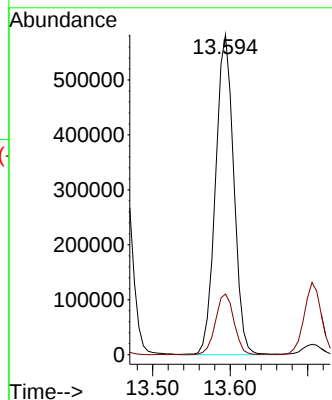
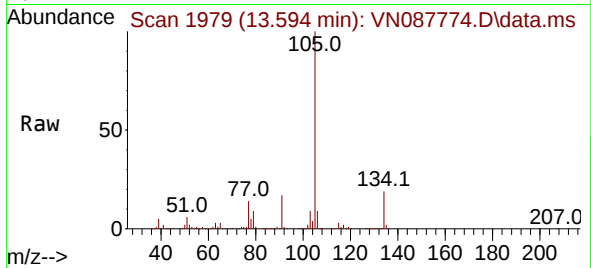




#85
 sec-Butylbenzene
 Concen: 46.847 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087774.D
 Acq: 10 Sep 2025 11:47

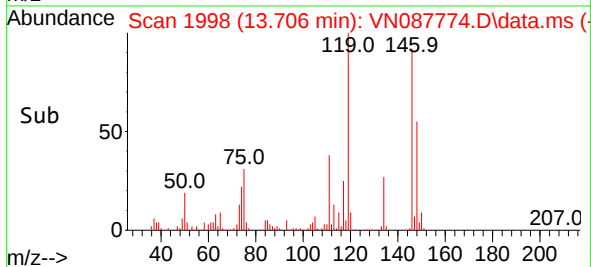
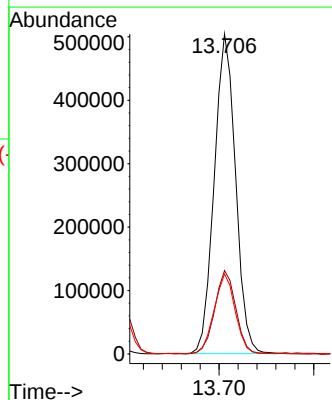
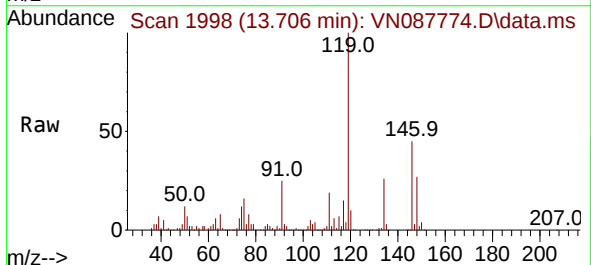
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

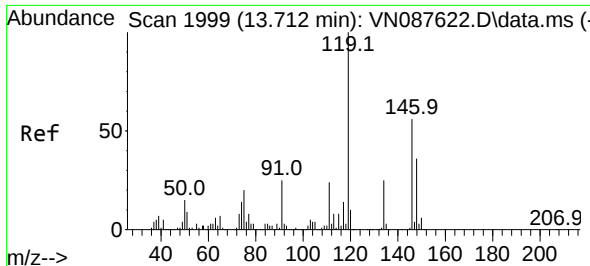
Tgt Ion:105 Resp: 948300
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 47.216 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087774.D
 Acq: 10 Sep 2025 11:47

Tgt Ion:119 Resp: 789227
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 24.5 12.5 37.5

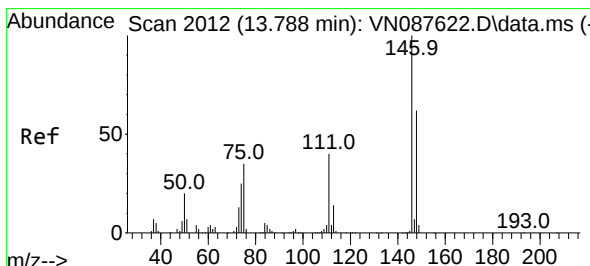
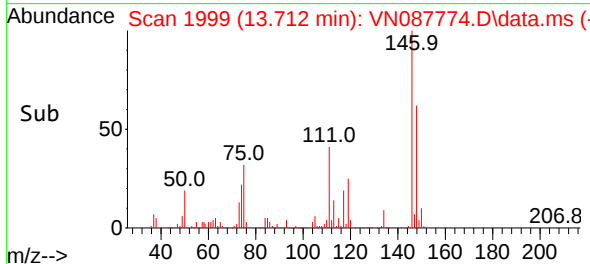
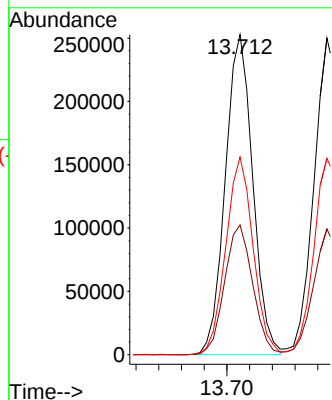
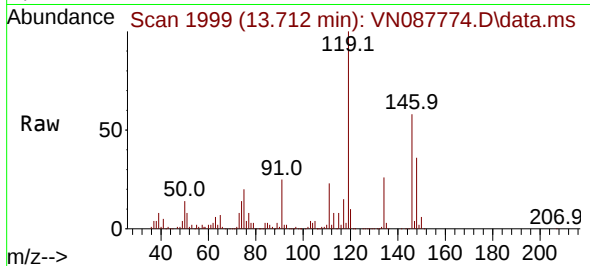




#87
 1,3-Dichlorobenzene
 Concen: 47.347 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087774.D
 Acq: 10 Sep 2025 11:47

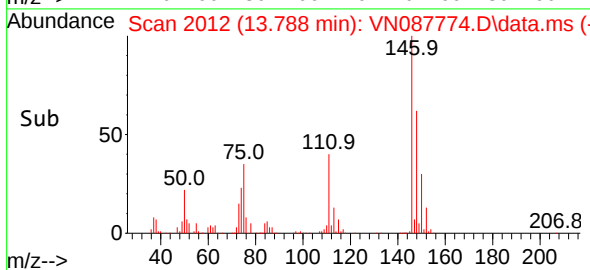
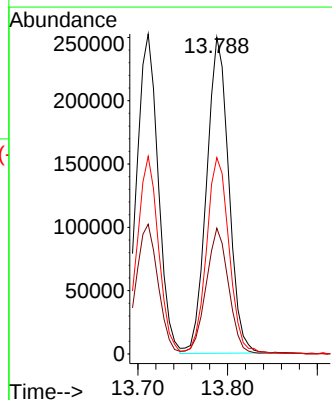
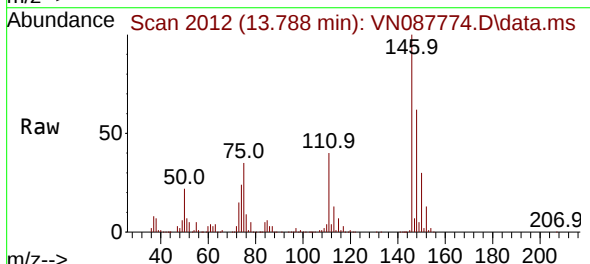
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

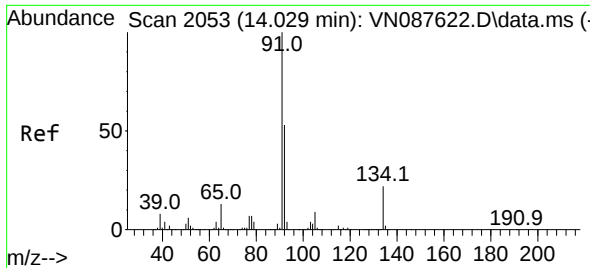
Tgt Ion:146 Resp: 424202
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.5
 148 61.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.853 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087774.D
 Acq: 10 Sep 2025 11:47

Tgt Ion:146 Resp: 427525
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.0 63.0
 148 63.3 32.0 96.0

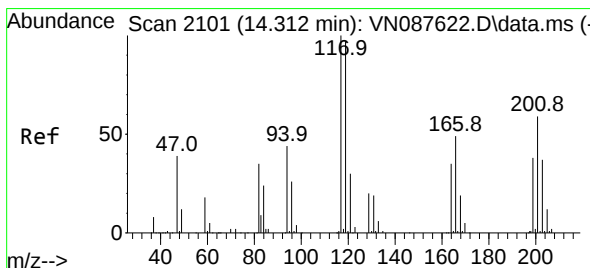
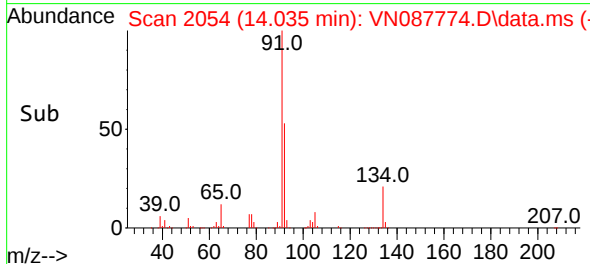
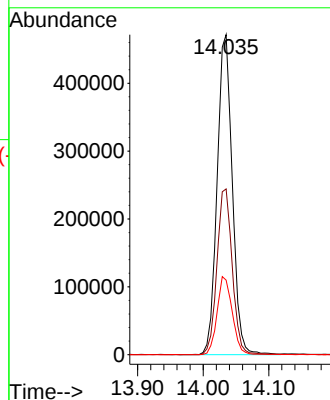
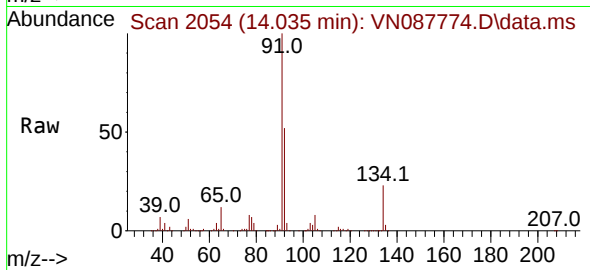




#89
n-Butylbenzene
Concen: 45.468 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

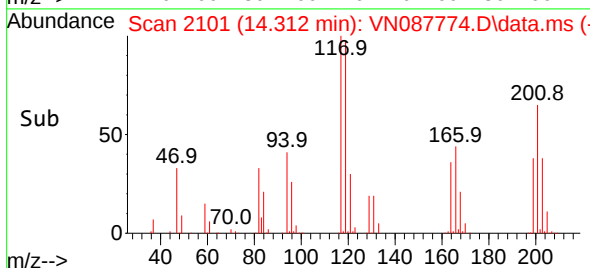
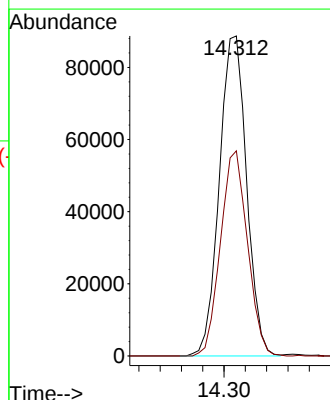
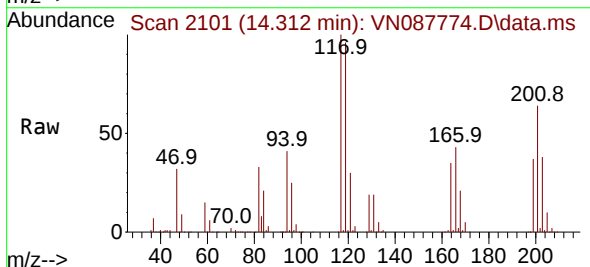
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

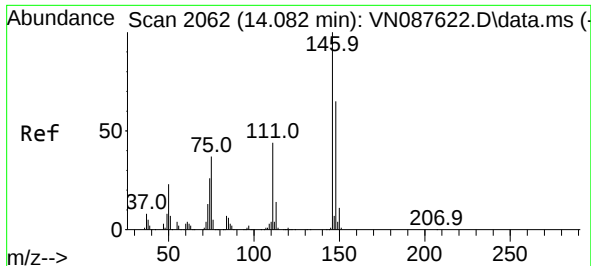
Tgt Ion: 91 Resp: 754815
Ion Ratio Lower Upper
91 100
92 52.3 25.9 77.8
134 24.4 11.7 35.0



#90
Hexachloroethane
Concen: 49.435 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 117 Resp: 157428
Ion Ratio Lower Upper
117 100
201 63.5 29.1 87.4

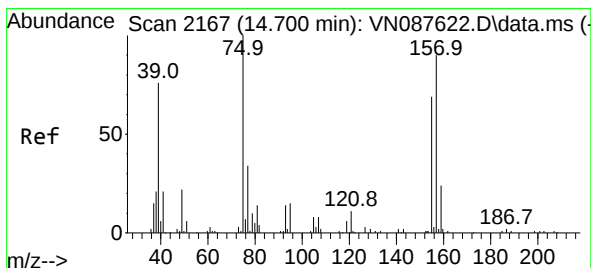
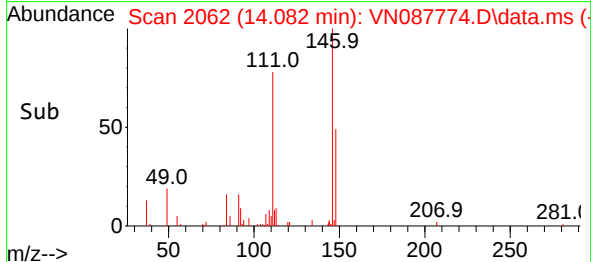
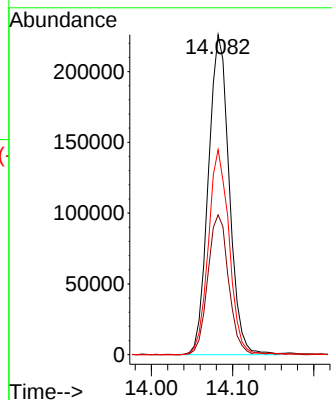
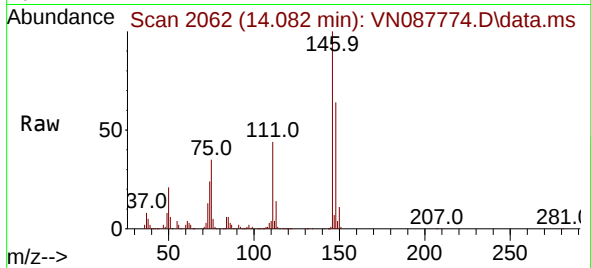




#91
1,2-Dichlorobenzene
Concen: 47.491 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

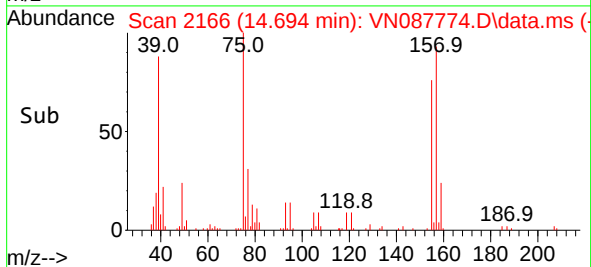
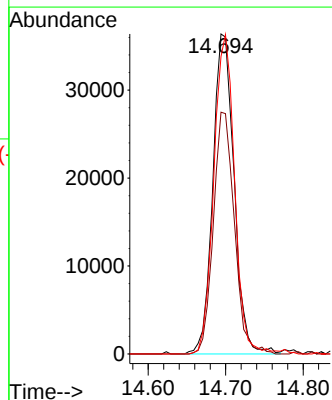
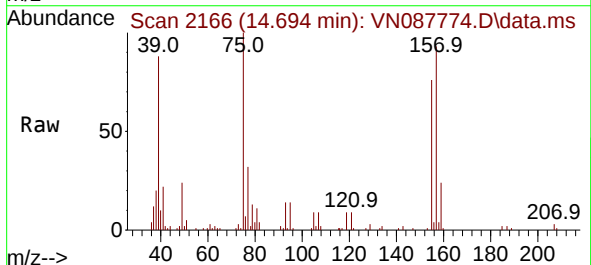
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 403673
Ion Ratio Lower Upper
146 100
111 43.9 22.6 67.8
148 63.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.003 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087774.D
Acq: 10 Sep 2025 11:47

Tgt Ion: 75 Resp: 69443
Ion Ratio Lower Upper
75 100
155 74.7 36.6 109.9
157 97.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 47.116 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

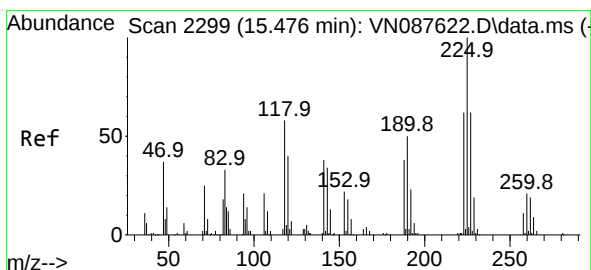
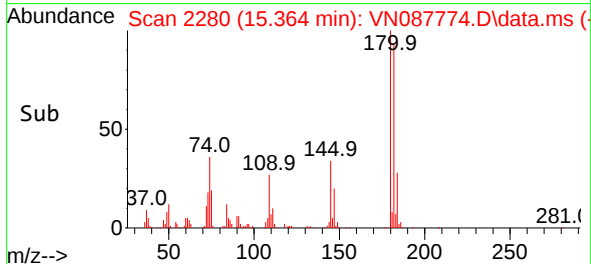
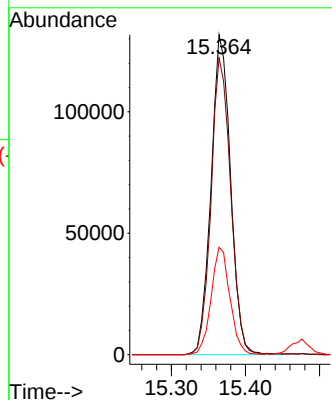
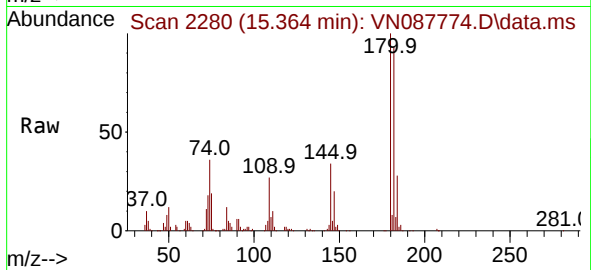
Tgt Ion:180 Resp: 240489

Ion Ratio Lower Upper

180 100

182 93.2 47.6 142.9

145 32.4 16.5 49.5



#94

Hexachlorobutadiene

Concen: 48.532 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

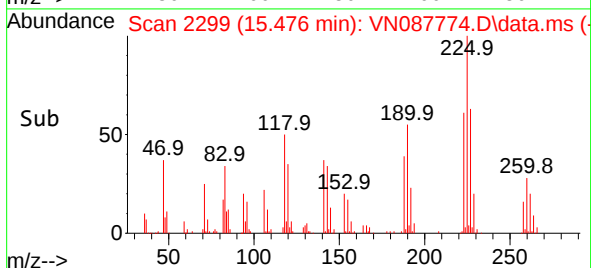
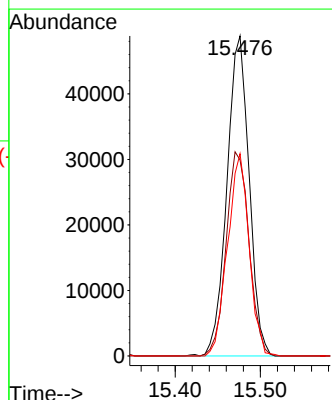
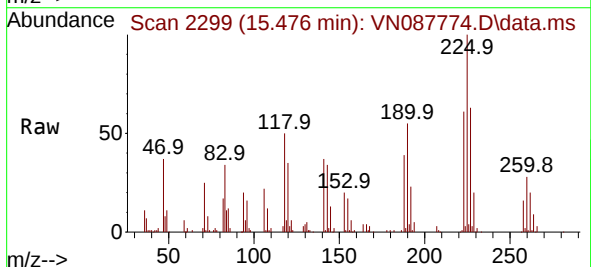
Tgt Ion:225 Resp: 88313

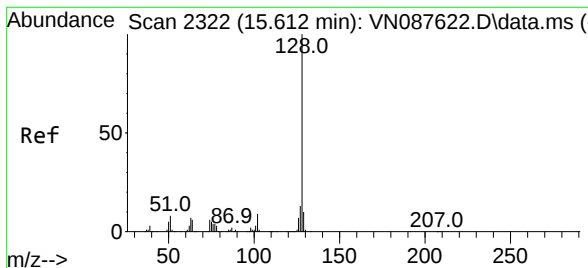
Ion Ratio Lower Upper

225 100

223 65.8 32.0 96.2

227 61.3 32.1 96.5





#95

Naphthalene

Concen: 46.272 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

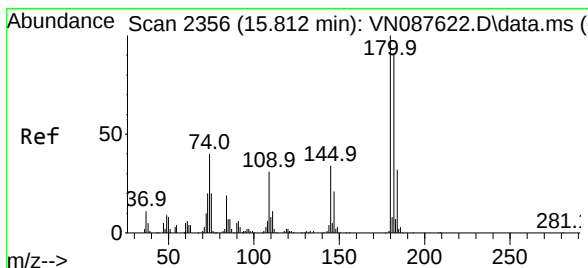
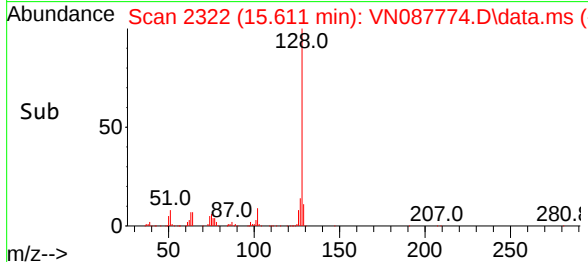
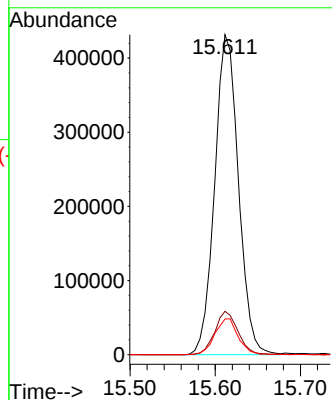
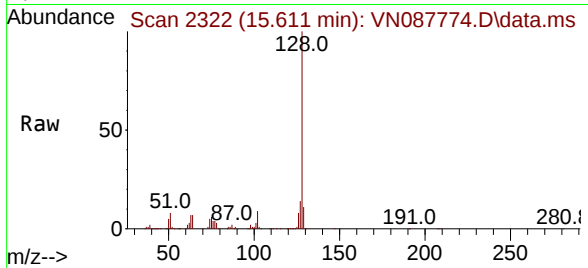
Tgt Ion:128 Resp: 836556

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.359 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087774.D

Acq: 10 Sep 2025 11:47

Tgt Ion:180 Resp: 236314

Ion Ratio Lower Upper

180 100

182 95.0 46.8 140.3

145 34.4 17.3 52.0

