

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087850.D
 Acq On : 16 Sep 2025 15:25
 Operator : JC\MD
 Sample : VN0916WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:21:04 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	212441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	416535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	384629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210239	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	191875	44.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.160%
35) Dibromofluoromethane	8.153	113	142797	47.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	10.547	98	506575	45.005	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.000%
62) 4-Bromofluorobenzene	12.829	95	187364	46.806	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	55904	18.528	ug/l	97
3) Chloromethane	2.383	50	59012	19.032	ug/l	97
4) Vinyl Chloride	2.536	62	64459	17.929	ug/l	98
5) Bromomethane	2.977	94	36769	19.821	ug/l	92
6) Chloroethane	3.142	64	45770	18.113	ug/l	94
7) Trichlorofluoromethane	3.506	101	102174	19.398	ug/l	97
8) Diethyl Ether	3.959	74	40276	17.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	54564	18.307	ug/l	96
10) Methyl Iodide	4.583	142	30221	18.530	ug/l #	95
11) Tert butyl alcohol	5.530	59	68041	90.044	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55667	18.175	ug/l	85
13) Acrolein	4.183	56	67595	72.764	ug/l	93
14) Allyl chloride	5.012	41	87373	15.742	ug/l	93
15) Acrylonitrile	5.706	53	198074	92.945	ug/l	98
16) Acetone	4.424	43	179741	75.857	ug/l	97
17) Carbon Disulfide	4.706	76	163482	19.388	ug/l	97
18) Methyl Acetate	5.012	43	97217	19.596	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	206909	18.008	ug/l	96
20) Methylene Chloride	5.265	84	68413	19.197	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	60716	18.291	ug/l	93
22) Diisopropyl ether	6.653	45	208232	17.385	ug/l	95
23) Vinyl Acetate	6.594	43	952603	87.417	ug/l	100
24) 1,1-Dichloroethane	6.553	63	118103	17.984	ug/l	95
25) 2-Butanone	7.471	43	271281	87.024	ug/l	98
26) 2,2-Dichloropropane	7.477	77	96026	17.036	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	77168	19.446	ug/l	93
28) Bromochloromethane	7.794	49	56730	17.868	ug/l	93
29) Tetrahydrofuran	7.830	42	177067	88.261	ug/l	98
30) Chloroform	7.947	83	126732	18.906	ug/l	99
31) Cyclohexane	8.235	56	96759	17.673	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	106285	18.710	ug/l	96
36) 1,1-Dichloropropene	8.353	75	81154	17.590	ug/l	96
37) Ethyl Acetate	7.553	43	109179	17.318	ug/l	99
38) Carbon Tetrachloride	8.347	117	87614	19.234	ug/l	94
39) Methylcyclohexane	9.582	83	88595	17.442	ug/l	94
40) Benzene	8.588	78	269680	19.058	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	54678	16.743	ug/l	92
42) 1,2-Dichloroethane	8.653	62	98286	18.074	ug/l	100
43) Isopropyl Acetate	8.677	43	174715	17.750	ug/l	98
44) Trichloroethene	9.335	130	60956	18.867	ug/l	93
45) 1,2-Dichloropropane	9.606	63	68739	18.429	ug/l	100
46) Dibromomethane	9.688	93	49768	18.750	ug/l	94
47) Bromodichloromethane	9.871	83	103785	19.078	ug/l #	95
48) Methyl methacrylate	9.665	41	78208	16.798	ug/l	97
49) 1,4-Dioxane	9.682	88	22511	373.036	ug/l #	94
51) 4-Methyl-2-Pentanone	10.423	43	551309	92.834	ug/l	100
52) Toluene	10.612	92	163565	18.645	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	100551	17.857	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	109621	18.749	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	65951	19.433	ug/l	98
56) Ethyl methacrylate	10.853	69	95504	17.609	ug/l	96
57) 1,3-Dichloropropane	11.141	76	114165	19.008	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	260397	88.706	ug/l	98
59) 2-Hexanone	11.176	43	338058	90.071	ug/l	98
60) Dibromochloromethane	11.335	129	74413	18.924	ug/l	99
61) 1,2-Dibromoethane	11.447	107	67826	18.954	ug/l	97
64) Tetrachloroethene	11.082	164	51220	19.194	ug/l	92
65) Chlorobenzene	11.870	112	183474	19.174	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	64982	20.455	ug/l	99
67) Ethyl Benzene	11.941	91	301786	18.215	ug/l	99
68) m/p-Xylenes	12.053	106	228624	37.626	ug/l	97
69) o-Xylene	12.376	106	111964	18.803	ug/l	95
70) Styrene	12.388	104	187752	18.820	ug/l	98
71) Bromoform	12.559	173	51182	21.008	ug/l #	95
73) Isopropylbenzene	12.670	105	283155	16.667	ug/l	99
74) N-amyl acetate	12.529	43	6154	0.956	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.917	83	102369	17.502	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	132311	26.837	ug/l	59
77) Bromobenzene	12.959	156	71443	17.836	ug/l	93
78) n-propylbenzene	13.012	91	357472	17.083	ug/l	99
79) 2-Chlorotoluene	13.100	91	213896	16.985	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	240227	16.669	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	28031	15.052	ug/l	84
82) 4-Chlorotoluene	13.200	91	219802	16.601	ug/l	94
83) tert-Butylbenzene	13.412	119	204658	17.041	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	249090	17.265	ug/l	99
85) sec-Butylbenzene	13.594	105	306232	17.183	ug/l	99
86) p-Isopropyltoluene	13.706	119	248091	16.858	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	141726	17.967	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	149128	18.166	ug/l	99
89) n-Butylbenzene	14.035	91	239567	16.391	ug/l	100
90) Hexachloroethane	14.306	117	50166	17.892	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	134043	17.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22750	16.373	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	80915	18.006	ug/l	100
94) Hexachlorobutadiene	15.470	225	30415	18.985	ug/l	96
95) Naphthalene	15.611	128	259960	16.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	78003	17.755	ug/l	99

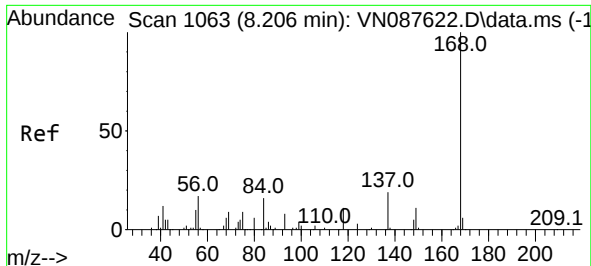
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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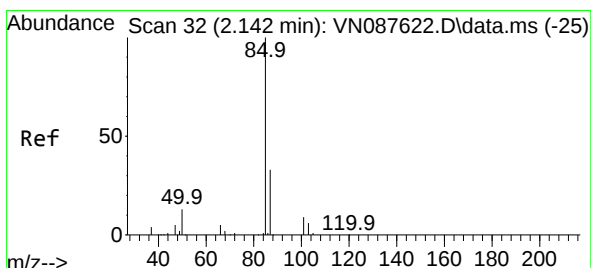
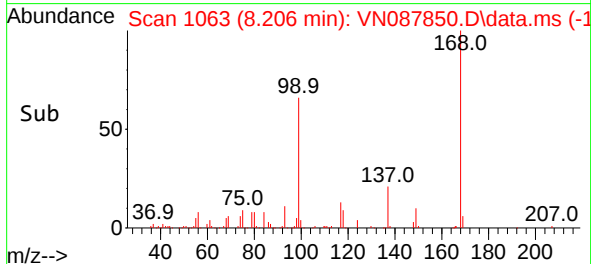
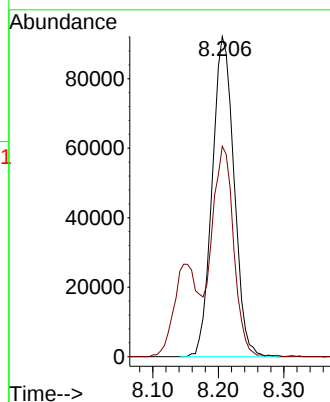
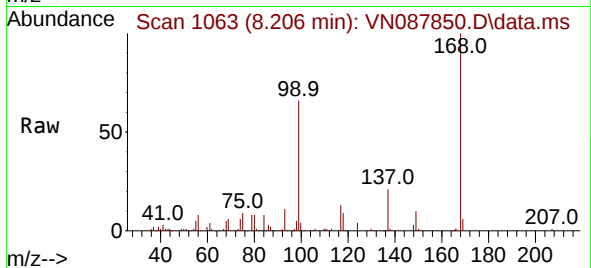
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

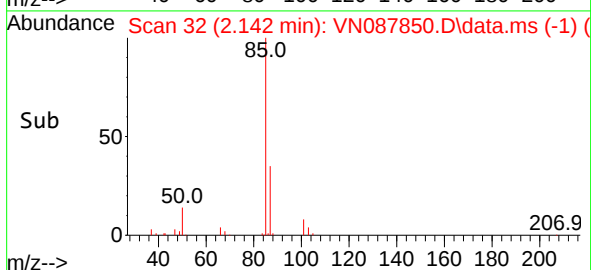
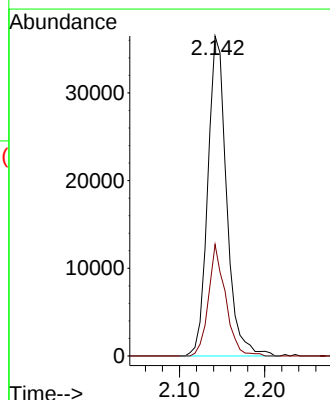
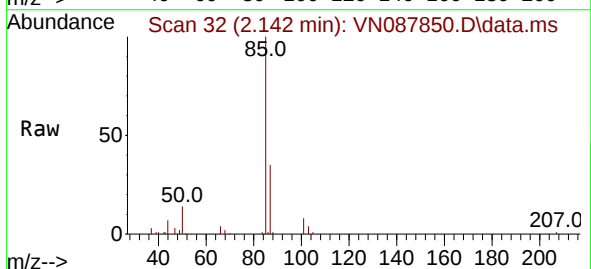
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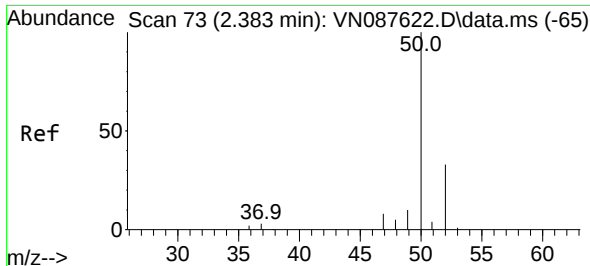
Tgt Ion:168 Resp: 212441
Ion Ratio Lower Upper
168 100
99 65.5 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.528 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 85 Resp: 55904
Ion Ratio Lower Upper
85 100
87 34.9 16.6 49.8

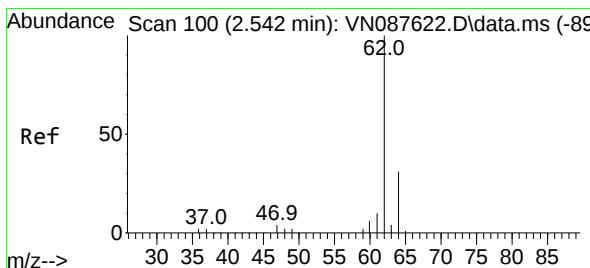
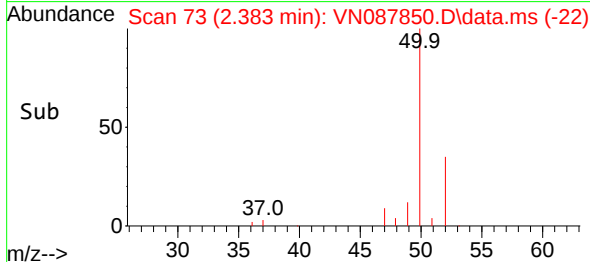
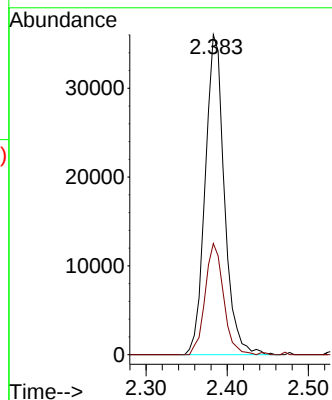
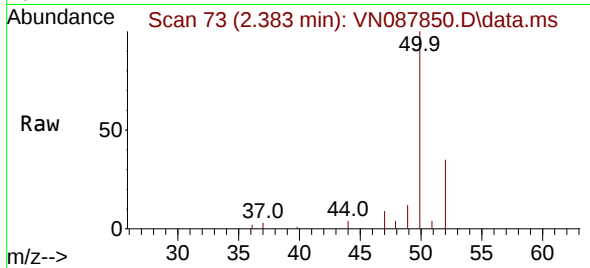




#3
Chloromethane
Concen: 19.032 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

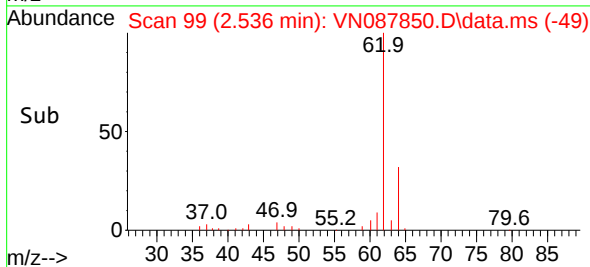
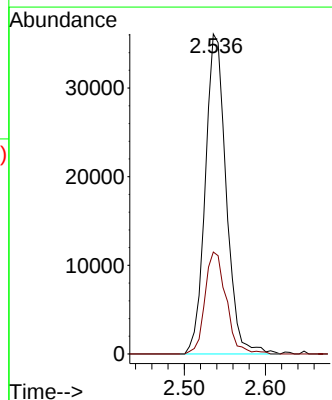
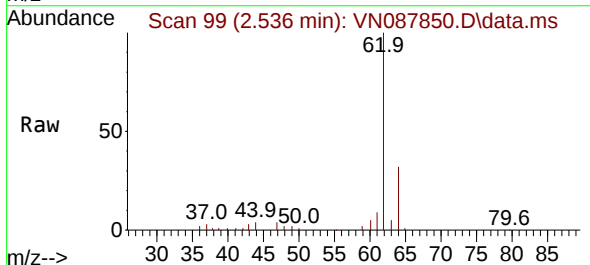
Instrument :
MSVOA_N
ClientSampleId :

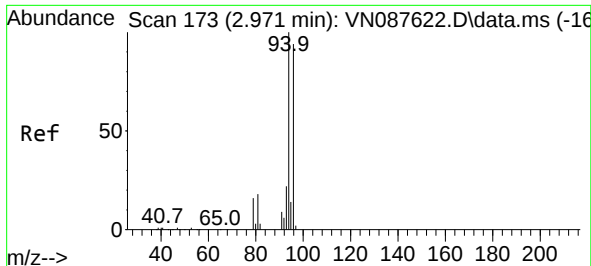
Tgt Ion: 50 Resp: 59012
Ion Ratio Lower Upper
50 100
52 34.8 26.2 39.4



#4
Vinyl Chloride
Concen: 17.929 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 62 Resp: 64459
Ion Ratio Lower Upper
62 100
64 31.8 24.6 37.0

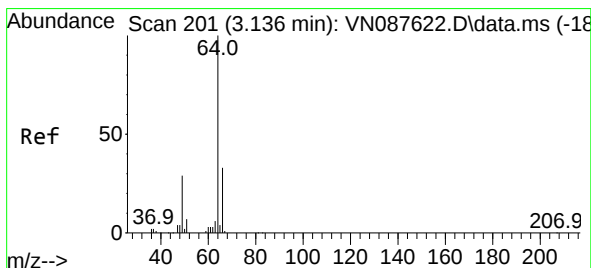
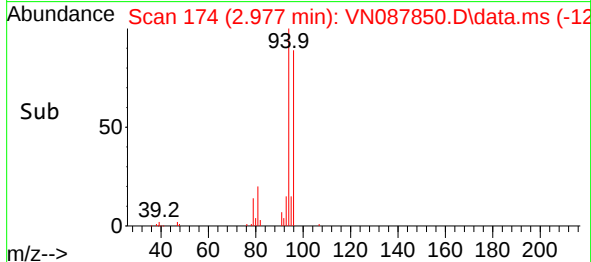
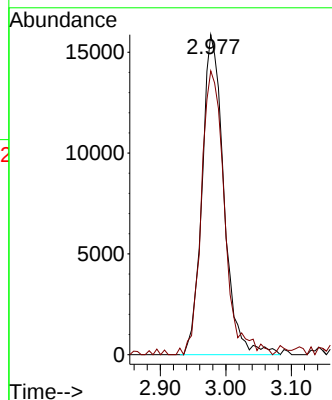
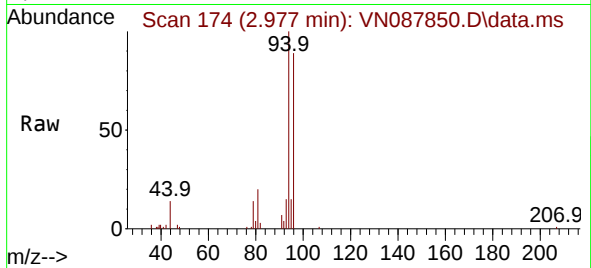




#5
Bromomethane
Concen: 19.821 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

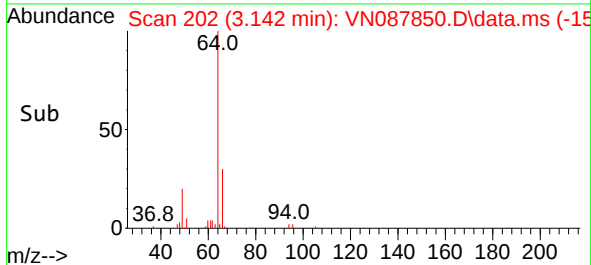
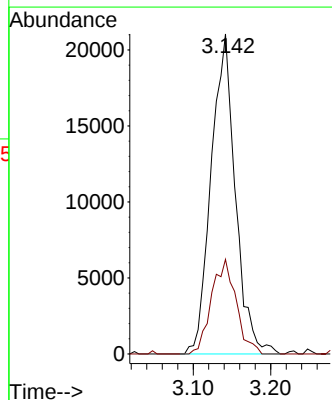
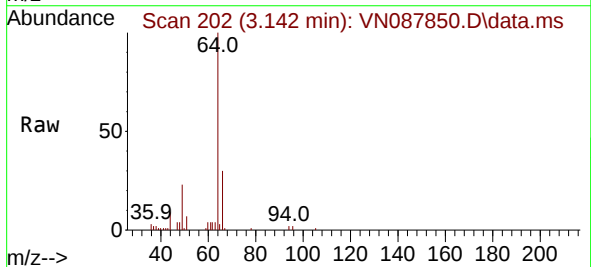
Instrument :
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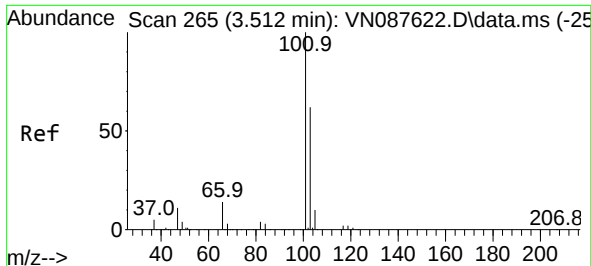
Tgt Ion: 94 Resp: 36769
Ion Ratio Lower Upper
94 100
96 86.7 75.4 113.2



#6
Chloroethane
Concen: 18.113 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 64 Resp: 45770
Ion Ratio Lower Upper
64 100
66 29.5 26.2 39.2

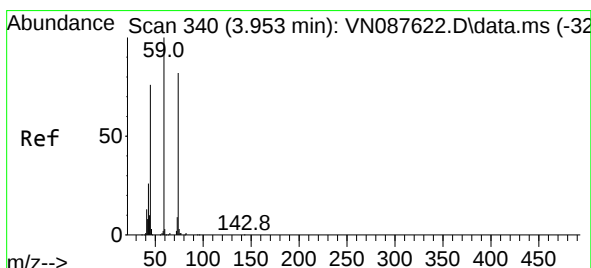
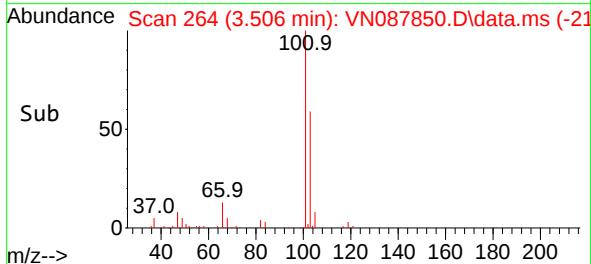
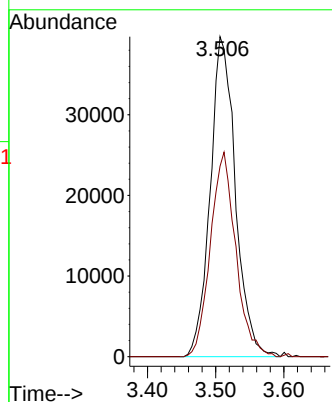
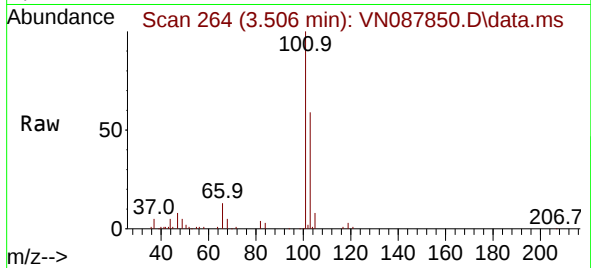




#7
 Trichlorofluoromethane
 Concen: 19.398 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

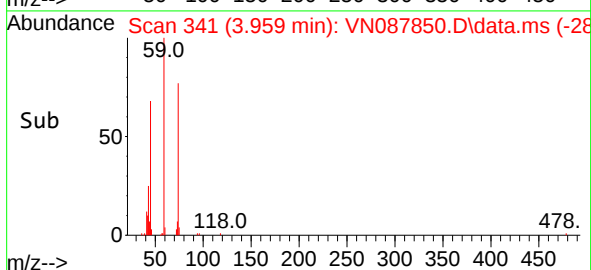
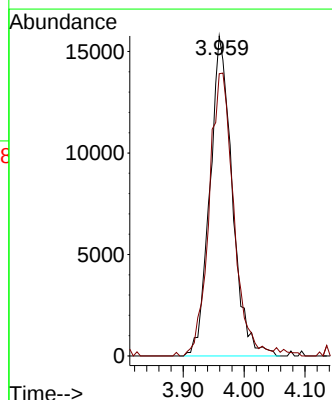
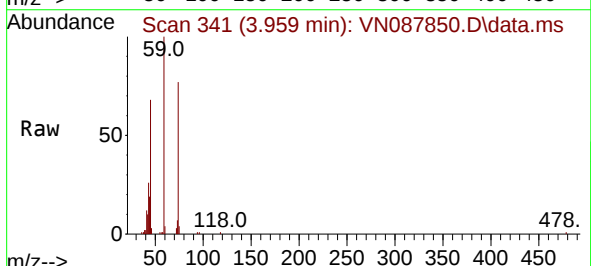
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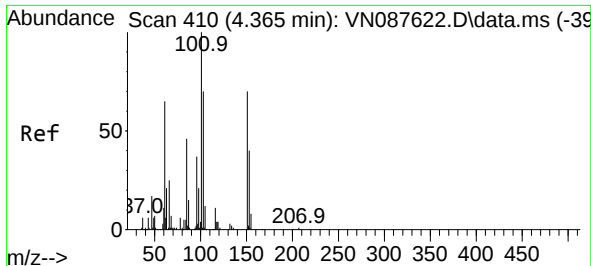
Tgt Ion:101 Resp: 102174
 Ion Ratio Lower Upper
 101 100
 103 59.5 49.4 74.0



#8
 Diethyl Ether
 Concen: 17.557 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Tgt Ion: 74 Resp: 40276
 Ion Ratio Lower Upper
 74 100
 45 96.9 50.6 151.9

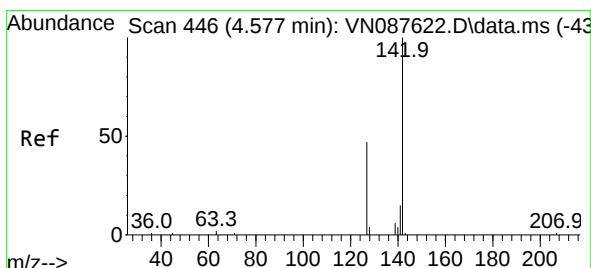
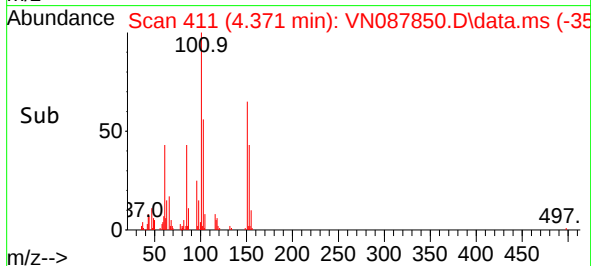
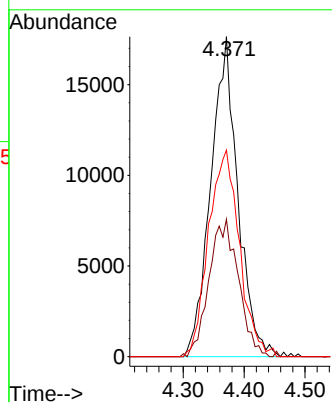
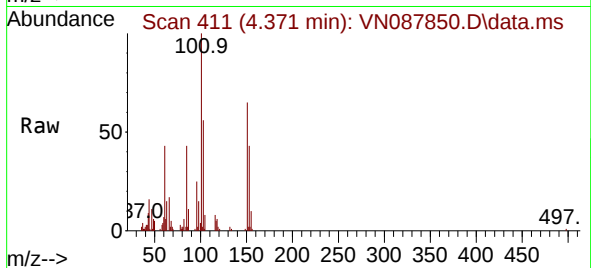




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.307 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

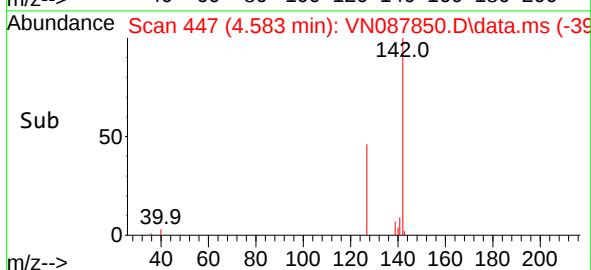
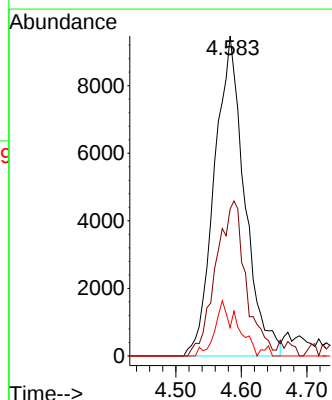
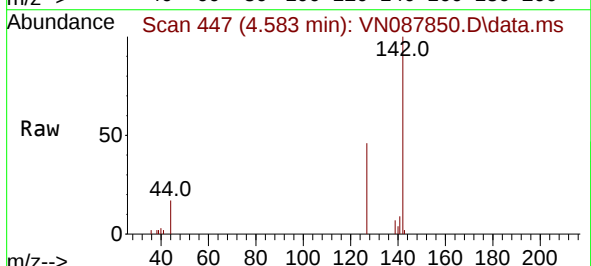
Instrument :
MSVOA_N
ClientSampleId :

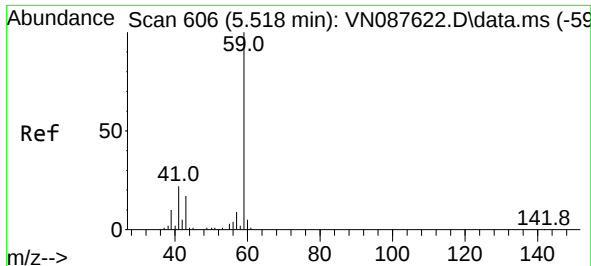
Tgt Ion:101 Resp: 54564
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 73.6 54.7 82.1



#10
Methyl Iodide
Concen: 18.530 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion:142 Resp: 30221
Ion Ratio Lower Upper
142 100
127 45.9 38.0 57.0
141 8.8 12.0 18.0#

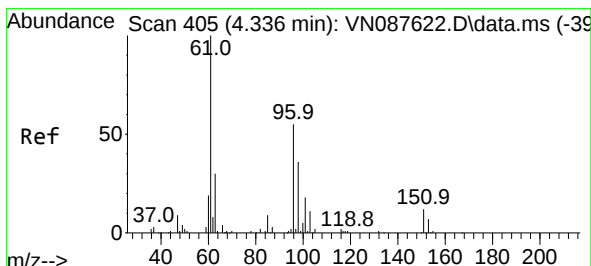
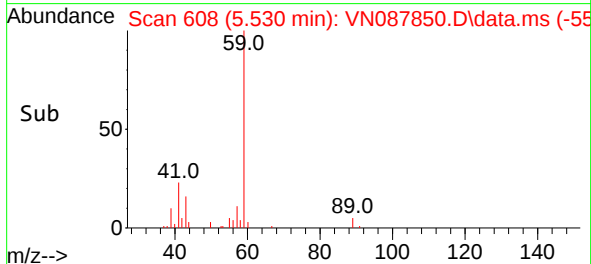
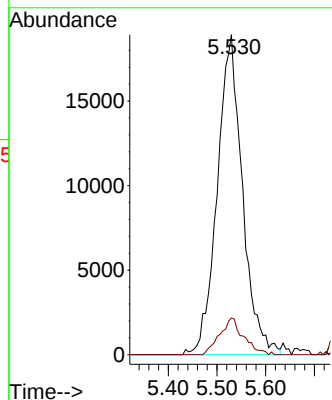
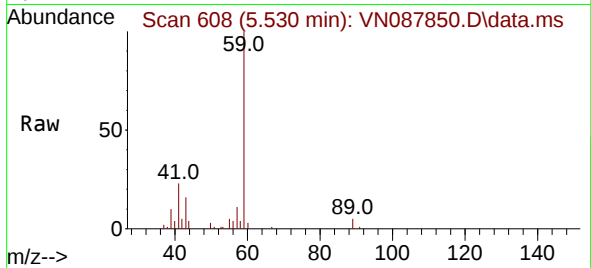




#11
Tert butyl alcohol
Concen: 90.044 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

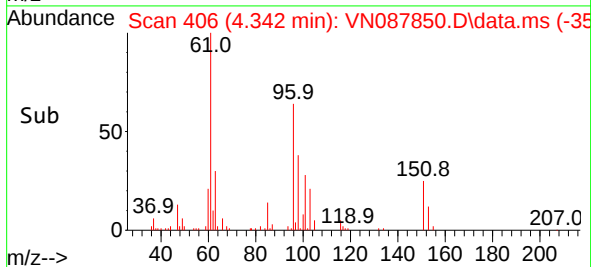
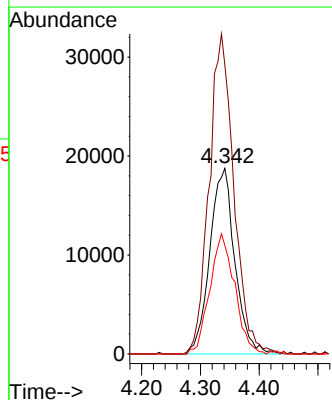
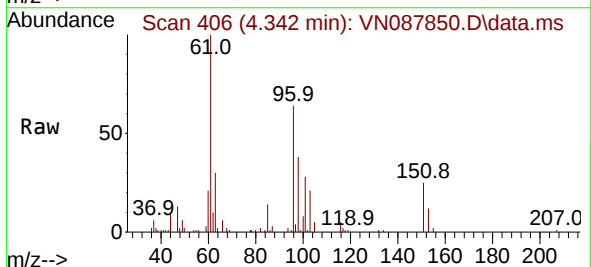
Instrument :
MSVOA_N
ClientSampleId :

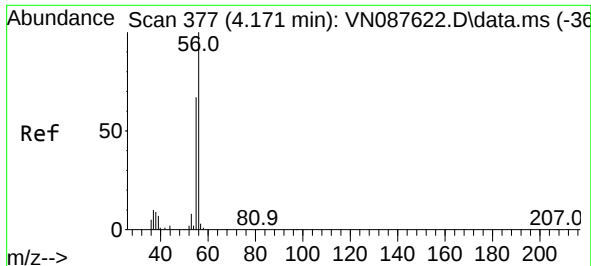
Tgt Ion: 59 Resp: 68041
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 18.175 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 96 Resp: 55667
Ion Ratio Lower Upper
96 100
61 155.6 143.8 215.8
98 58.4 52.1 78.1





#13

Acrolein

Concen: 72.764 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

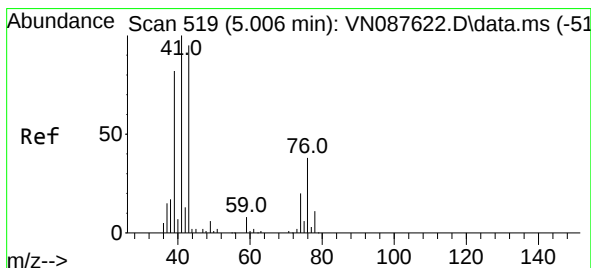
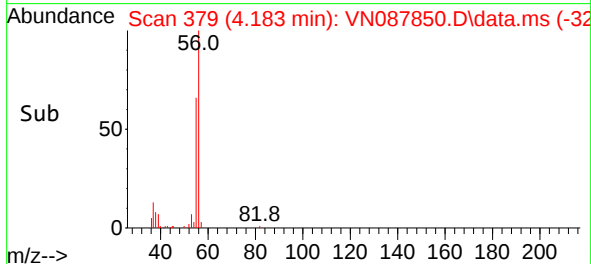
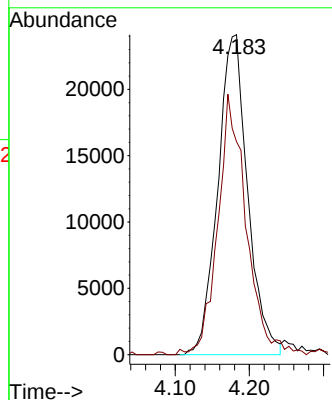
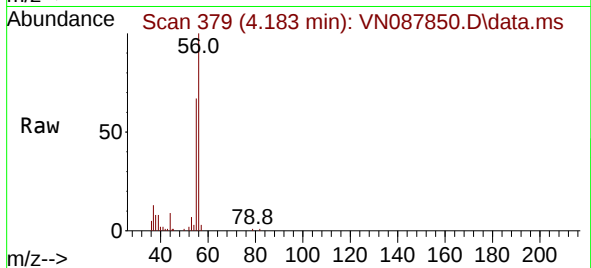
ClientSampleId :

Tgt Ion: 56 Resp: 67595

Ion Ratio Lower Upper

56 100

55 77.3 57.3 85.9



#14

Allyl chloride

Concen: 15.742 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

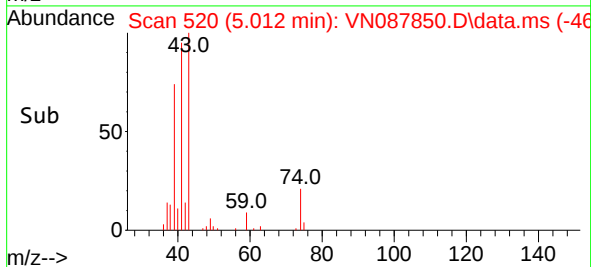
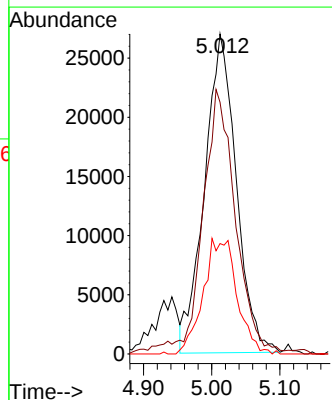
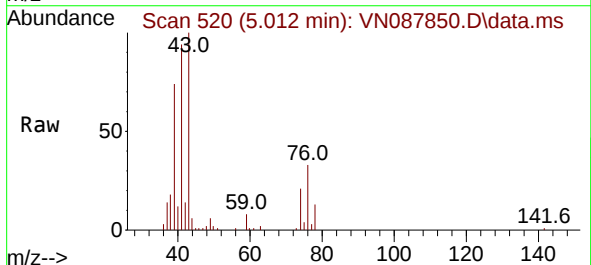
Tgt Ion: 41 Resp: 87373

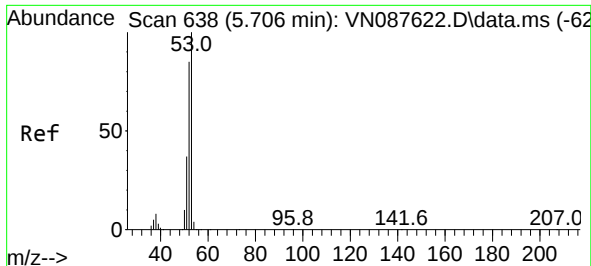
Ion Ratio Lower Upper

41 100

39 86.4 63.9 95.9

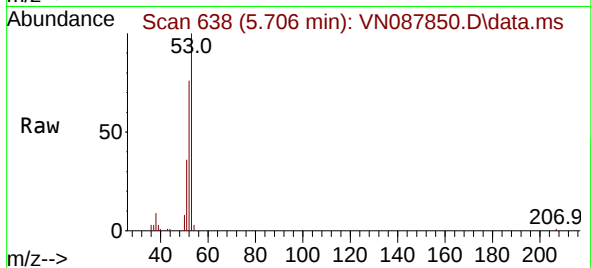
76 38.2 28.1 42.1



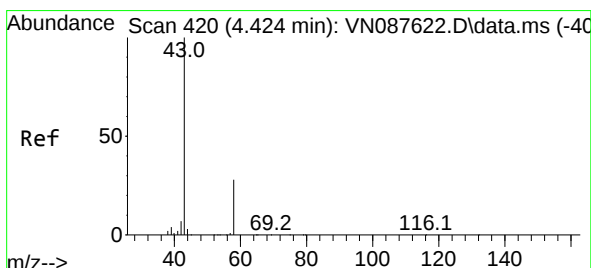
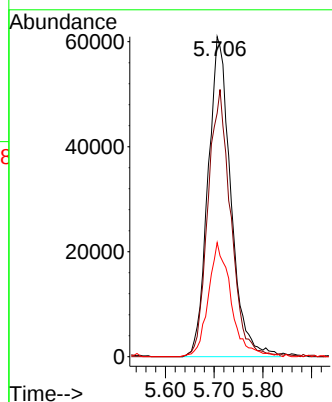
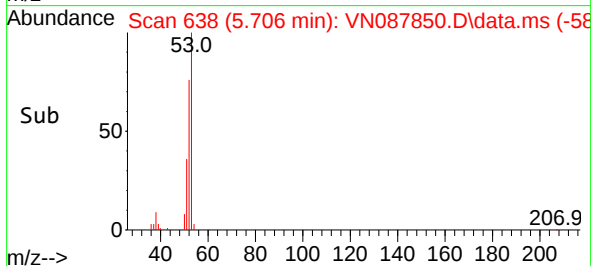


#15
Acrylonitrile
Concen: 92.945 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :

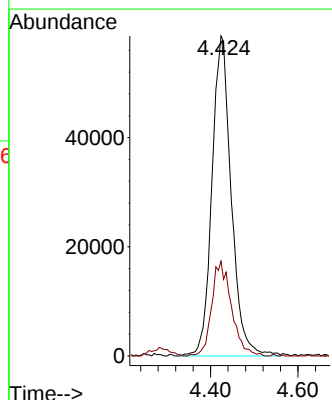
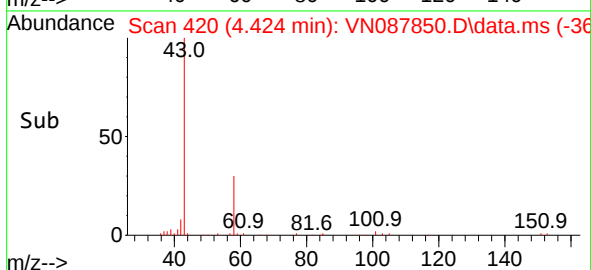
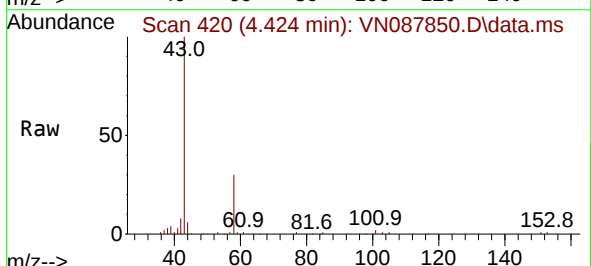


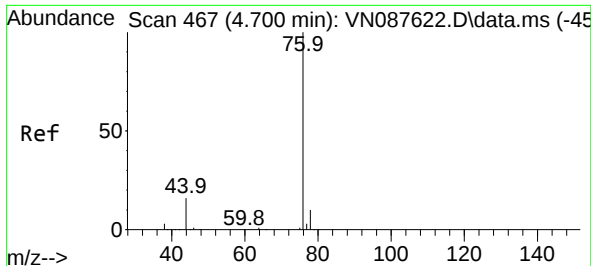
Tgt Ion: 53 Resp: 198074
Ion Ratio Lower Upper
53 100
52 83.4 67.6 101.4
51 35.6 30.1 45.1



#16
Acetone
Concen: 75.857 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 43 Resp: 179741
Ion Ratio Lower Upper
43 100
58 29.6 22.6 33.8

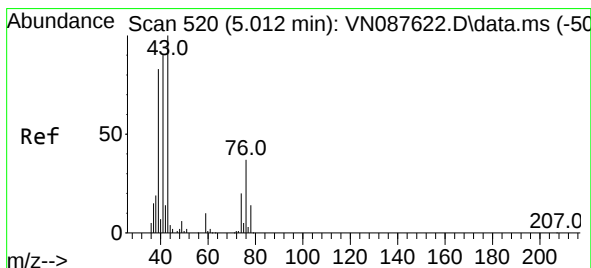
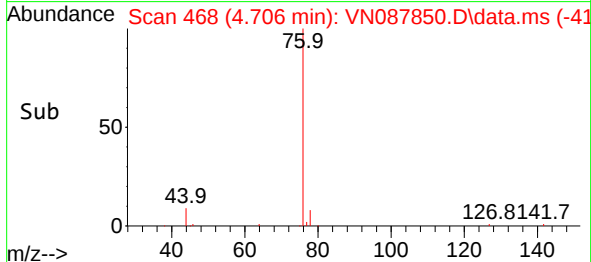
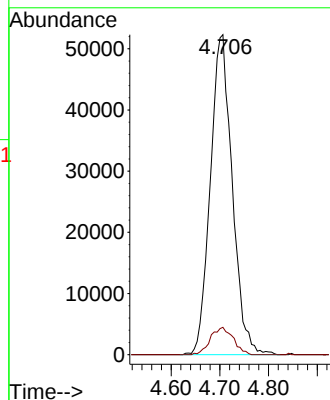
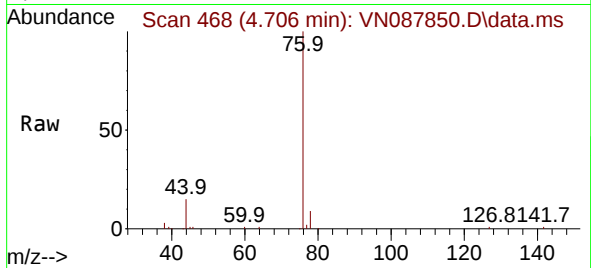




#17
Carbon Disulfide
Concen: 19.388 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

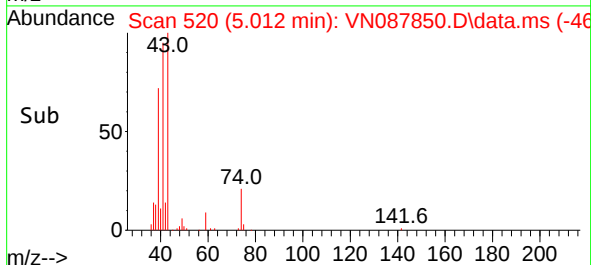
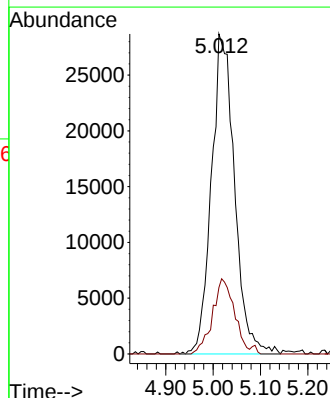
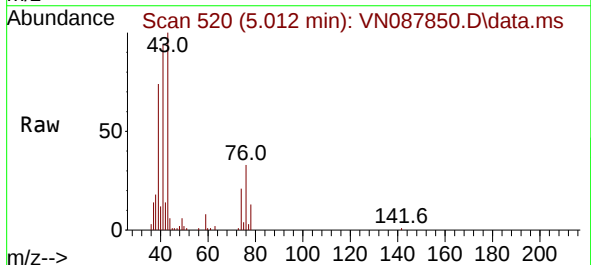
Instrument :
MSVOA_N
ClientSampleId :

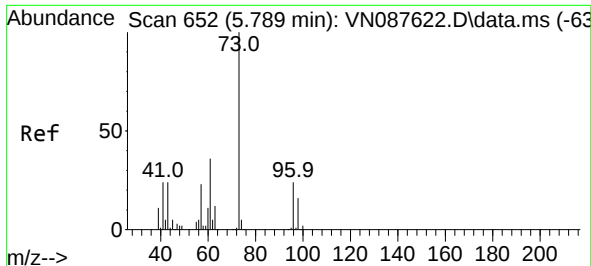
Tgt Ion: 76 Resp: 163482
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 19.596 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 43 Resp: 97217
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4

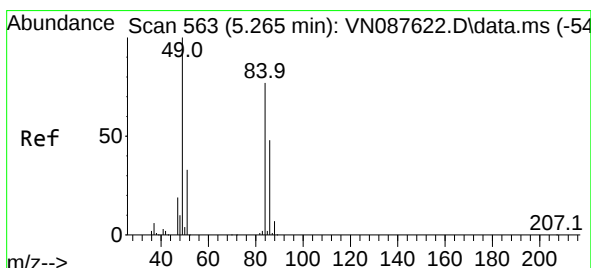
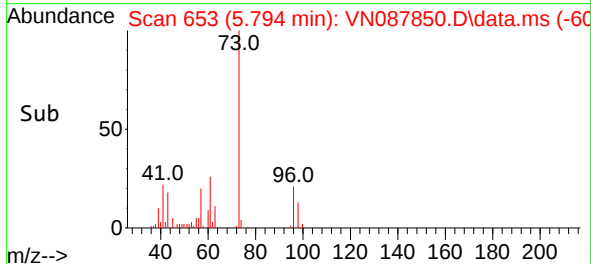
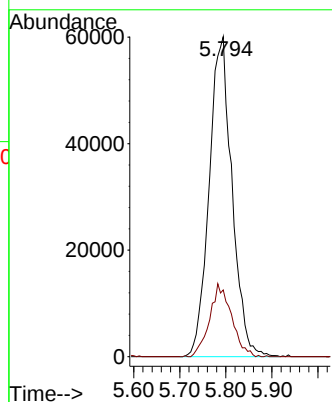
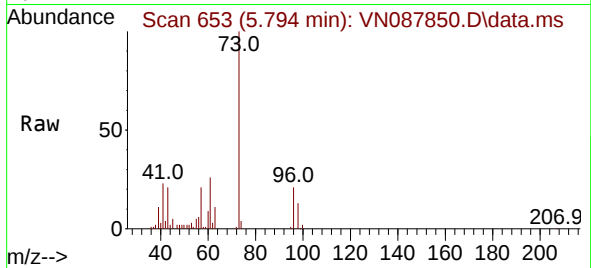




#19
Methyl tert-butyl Ether
Concen: 18.008 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

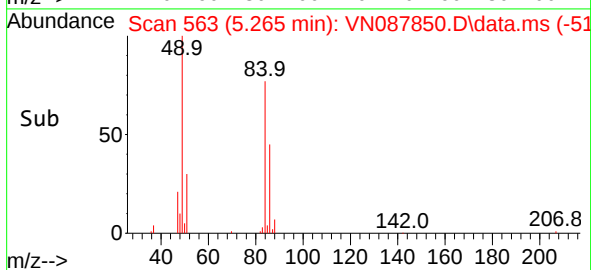
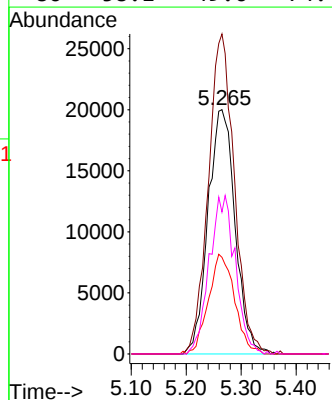
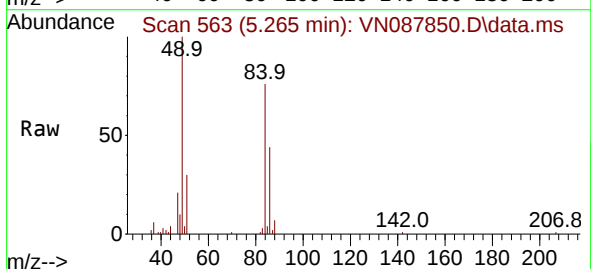
Instrument :
MSVOA_N
ClientSampleId :

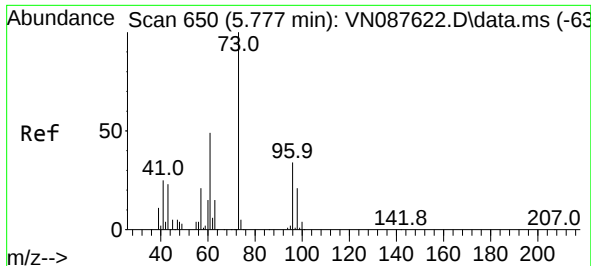
Tgt Ion: 73 Resp: 206909
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6



#20
Methylene Chloride
Concen: 19.197 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 84 Resp: 68413
Ion Ratio Lower Upper
84 100
49 131.0 103.4 155.2
51 39.6 33.8 50.8
86 58.1 49.6 74.4

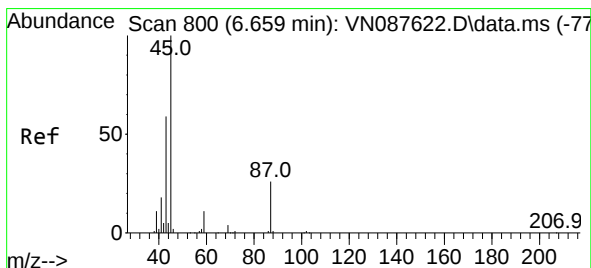
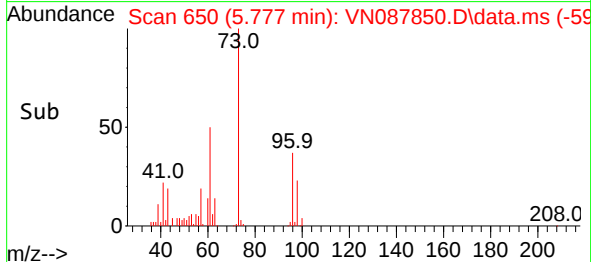
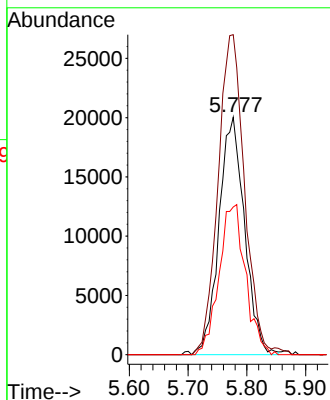
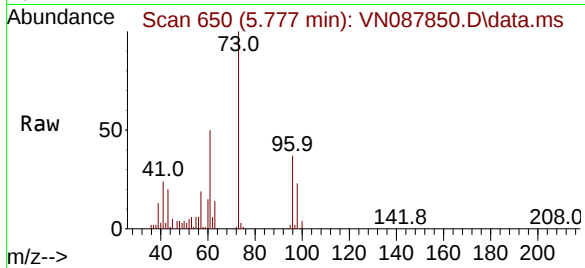




#21
trans-1,2-Dichloroethene
Concen: 18.291 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

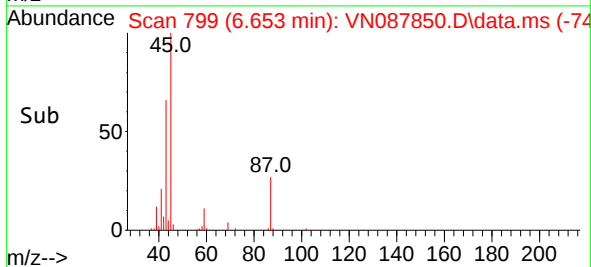
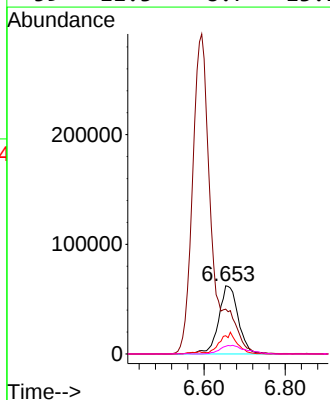
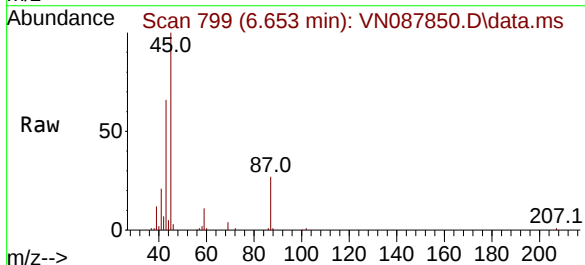
Instrument :
MSVOA_N
ClientSampleId :

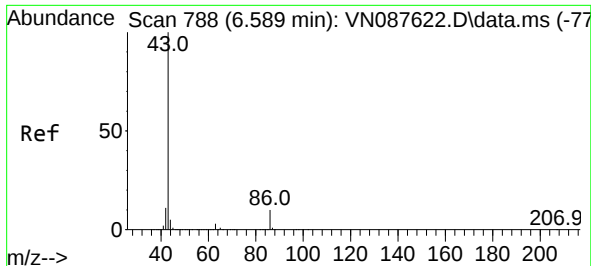
Tgt Ion: 96 Resp: 60716
Ion Ratio Lower Upper
96 100
61 134.8 118.0 177.0
98 62.2 50.0 75.0



#22
Diisopropyl ether
Concen: 17.385 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 45 Resp: 208232
Ion Ratio Lower Upper
45 100
43 64.9 47.7 71.5
87 26.9 21.4 32.0
59 11.3 8.7 13.1

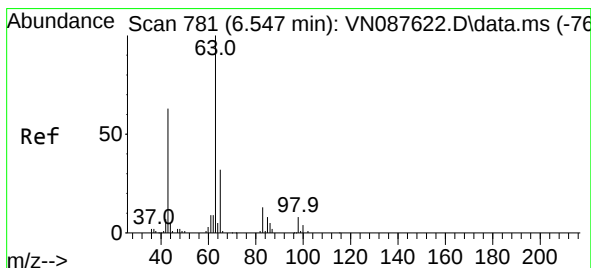
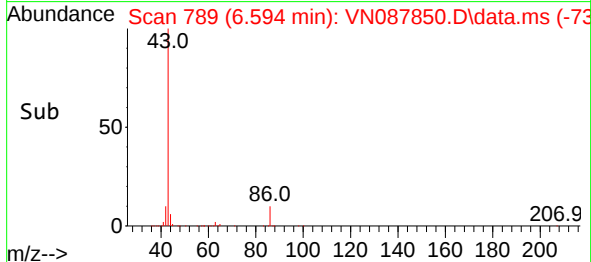
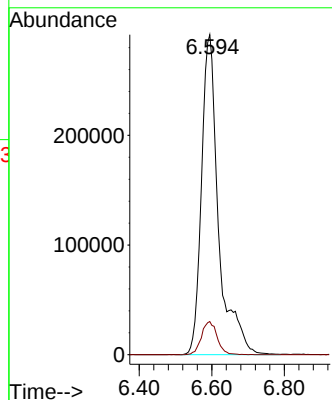
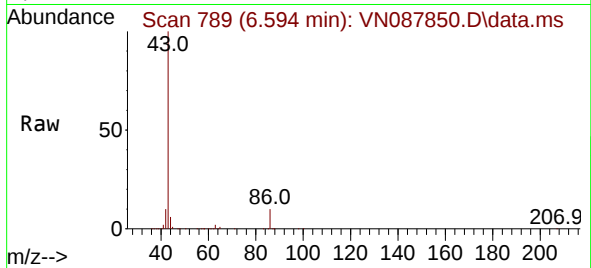




#23
 Vinyl Acetate
 Concen: 87.417 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

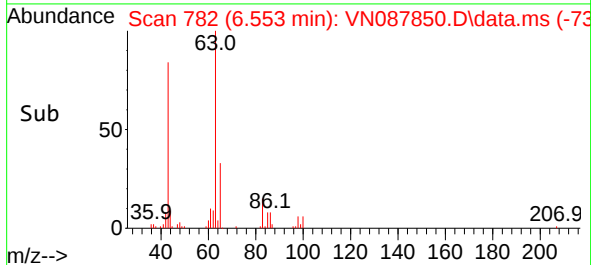
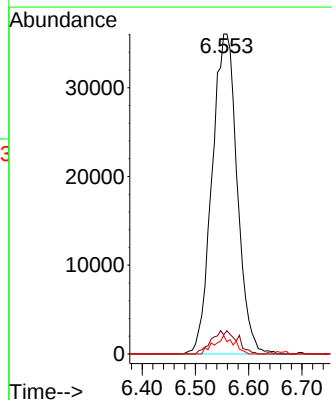
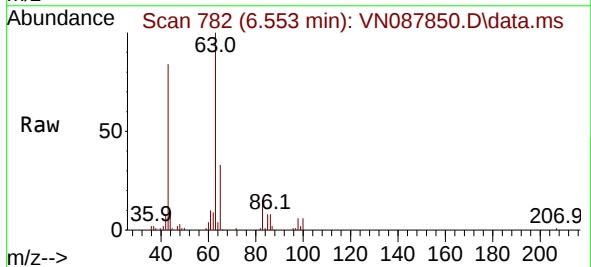
Instrument :
 MSVOA_N
 ClientSampleId :

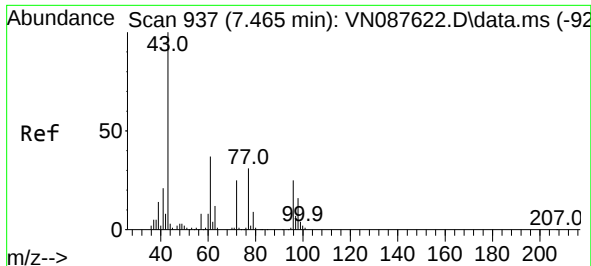
Tgt Ion: 43 Resp: 952603
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.984 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Tgt Ion: 63 Resp: 118103
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.8 11.4
 100 5.8 2.0 6.0

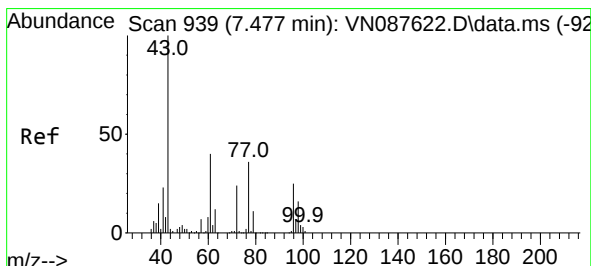
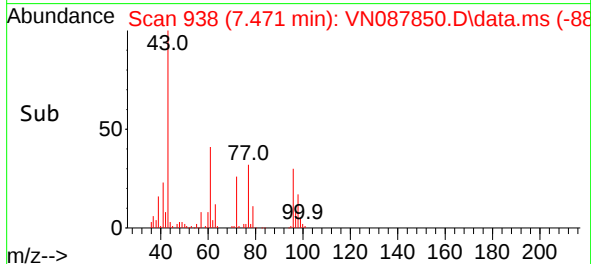
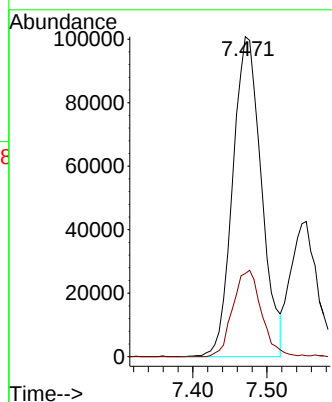
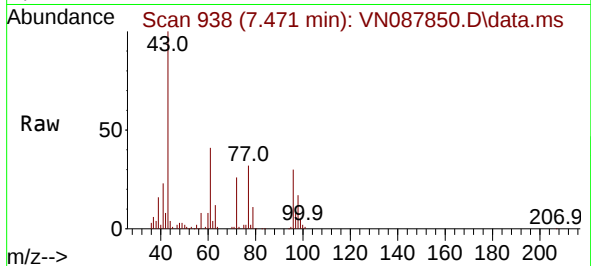




#25
2-Butanone
Concen: 87.024 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

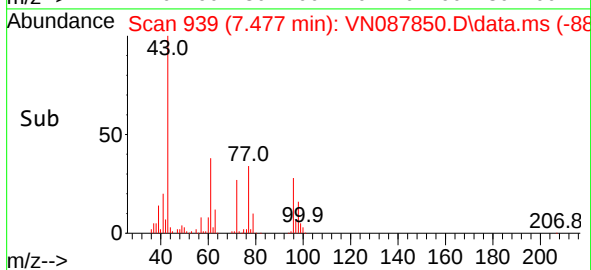
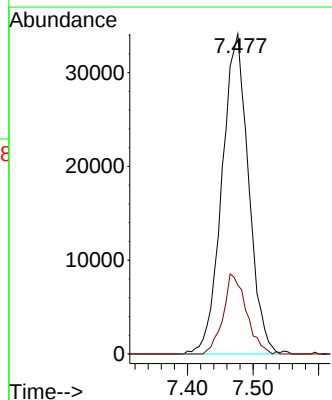
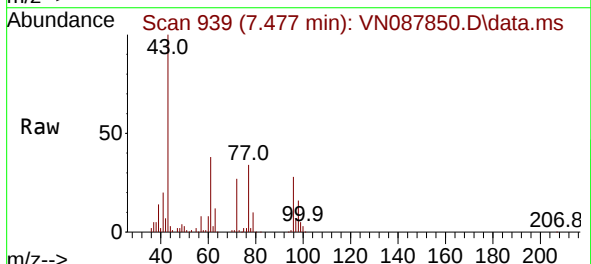
Instrument :
MSVOA_N
ClientSampleId :

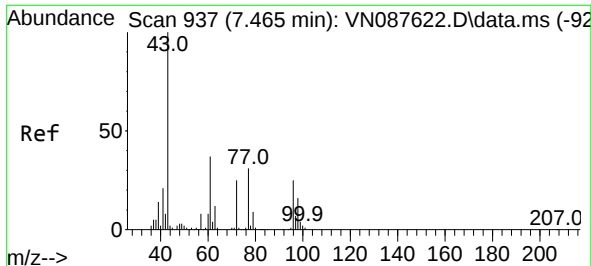
Tgt Ion: 43 Resp: 271281
Ion Ratio Lower Upper
43 100
72 26.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 17.036 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

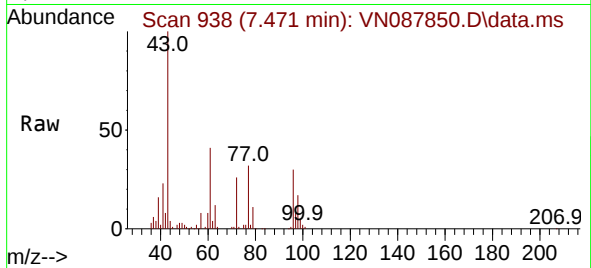
Tgt Ion: 77 Resp: 96026
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7



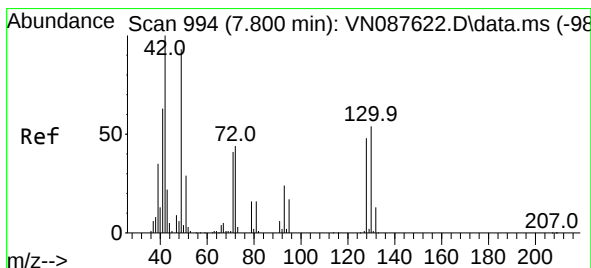
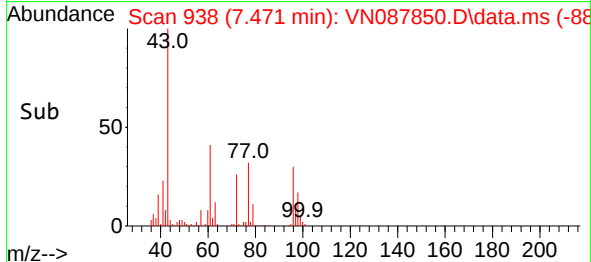
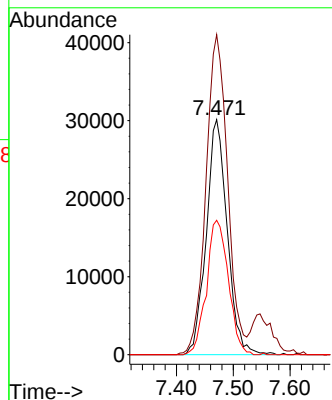


#27
 cis-1,2-Dichloroethene
 Concen: 19.446 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Instrument :
 MSVOA_N
 ClientSampleId :

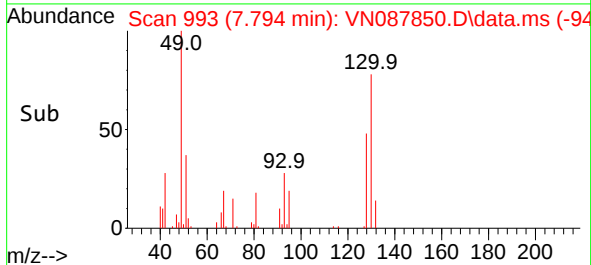
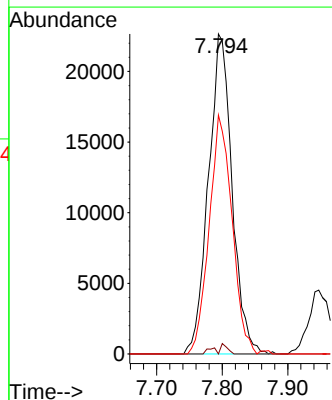
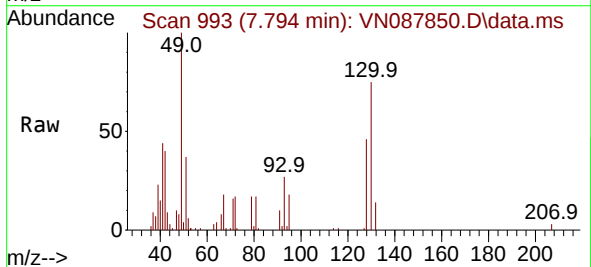


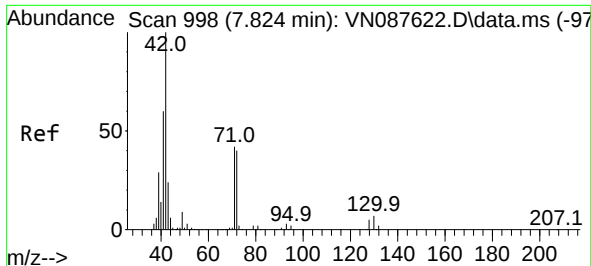
Tgt Ion: 96 Resp: 77168
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 301.8
 98 59.7 0.0 126.2



#28
 Bromochloromethane
 Concen: 17.868 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Tgt Ion: 49 Resp: 56730
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.0
 130 72.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 88.261 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

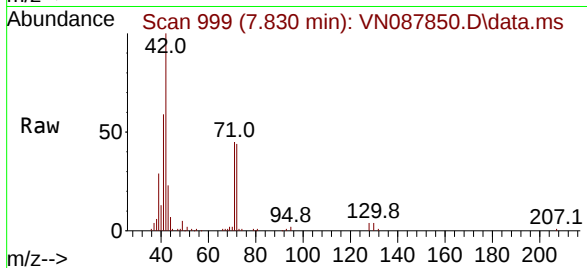
Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :



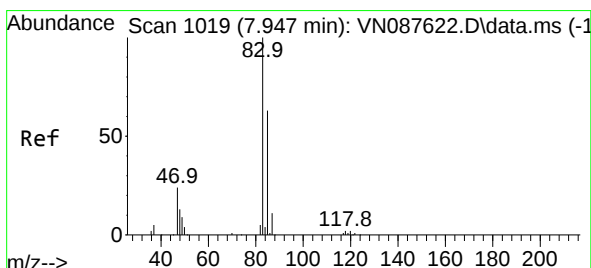
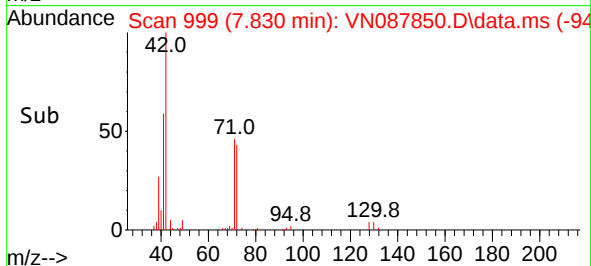
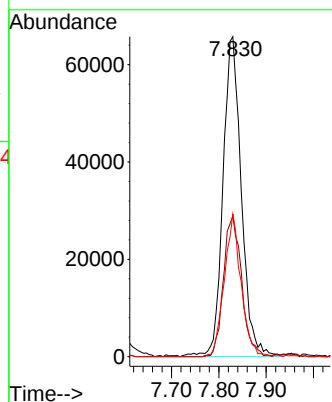
Tgt Ion: 42 Resp: 177067

Ion Ratio Lower Upper

42 100

72 43.5 33.7 50.5

71 40.8 31.9 47.9



#30

Chloroform

Concen: 18.906 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087850.D

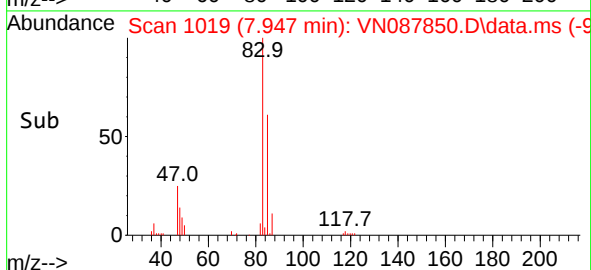
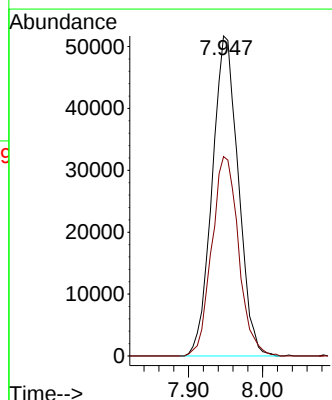
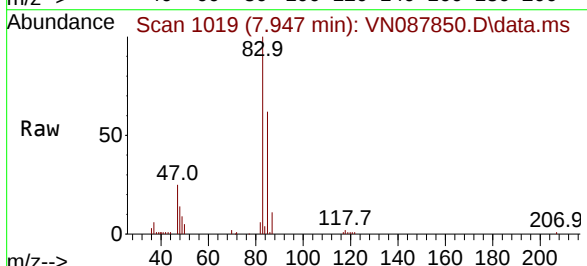
Acq: 16 Sep 2025 15:25

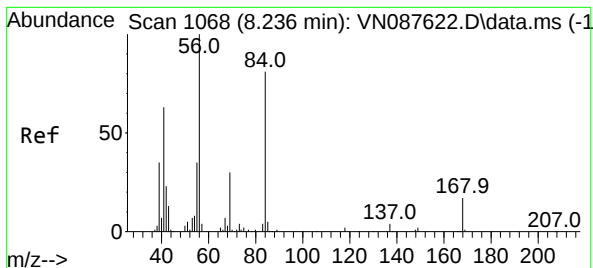
Tgt Ion: 83 Resp: 126732

Ion Ratio Lower Upper

83 100

85 62.3 50.7 76.1





#31

Cyclohexane

Concen: 17.673 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

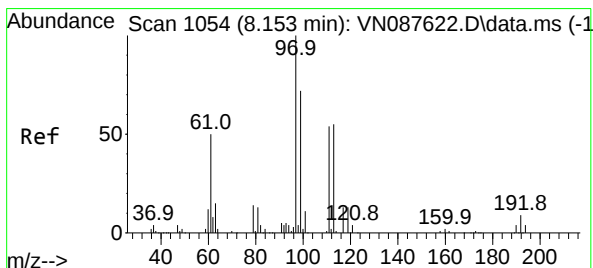
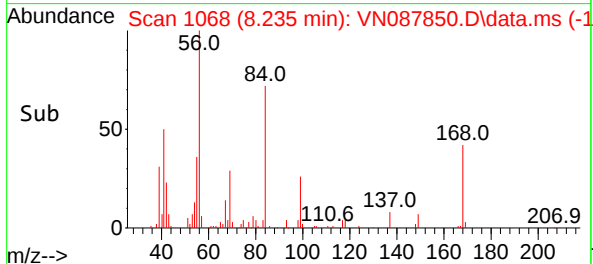
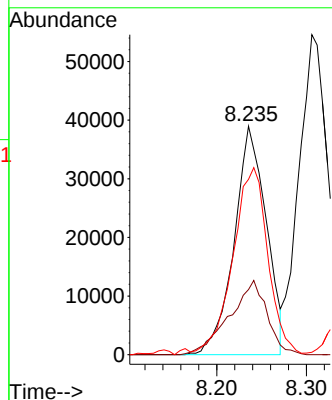
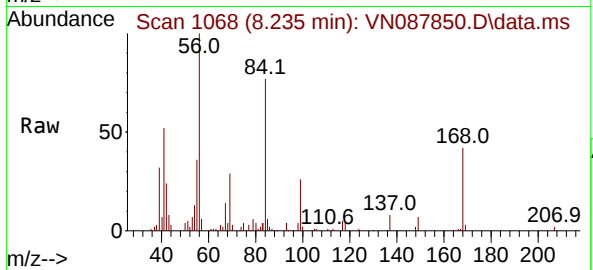
Tgt Ion: 56 Resp: 96759

Ion Ratio Lower Upper

56 100

69 28.5 23.7 35.5

84 75.0 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 18.710 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

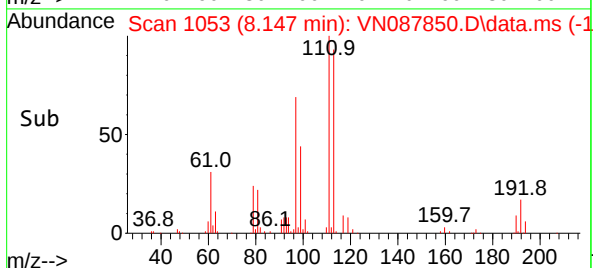
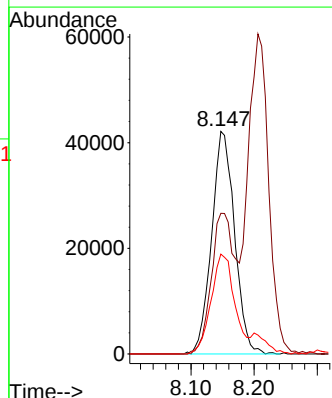
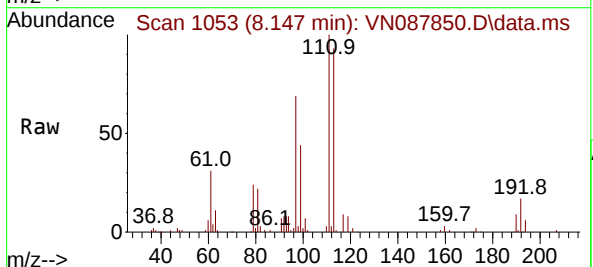
Tgt Ion: 97 Resp: 106285

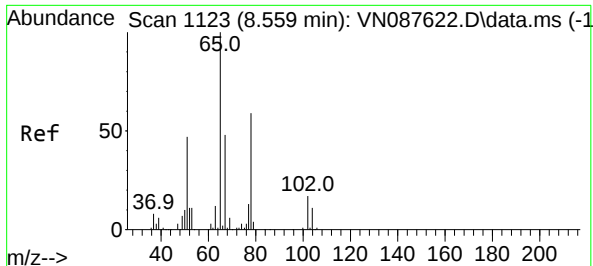
Ion Ratio Lower Upper

97 100

99 66.1 52.2 78.2

61 45.6 41.2 61.8

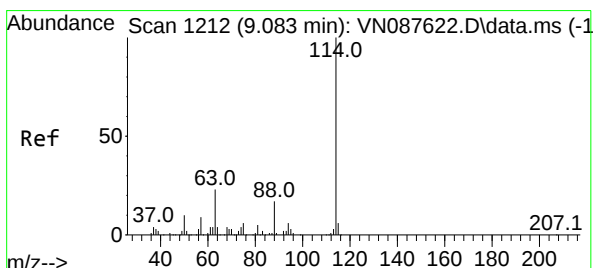
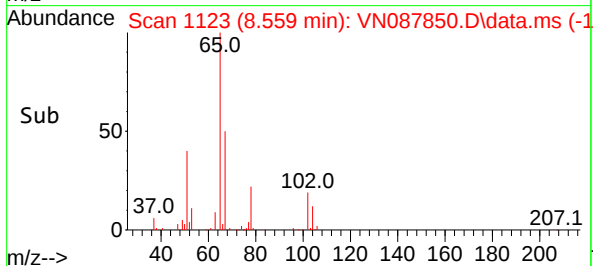
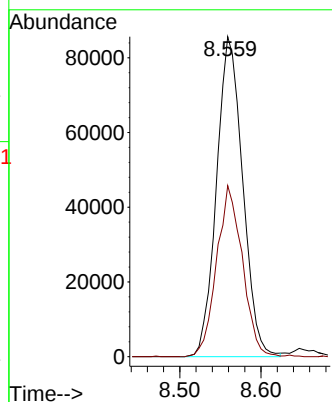
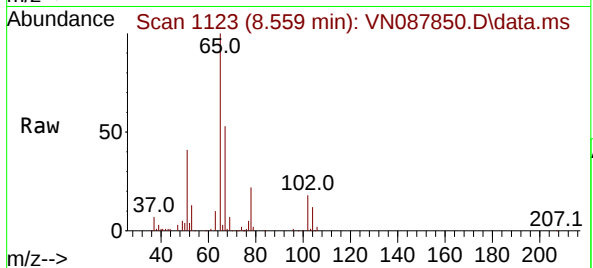




#33
 1,2-Dichloroethane-d4
 Concen: 44.082 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

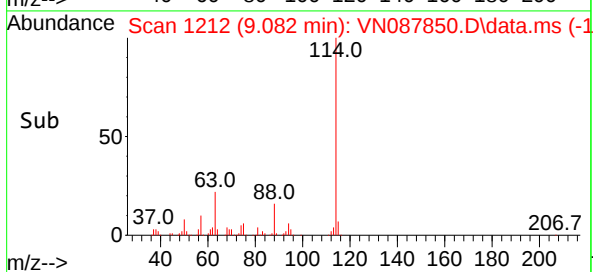
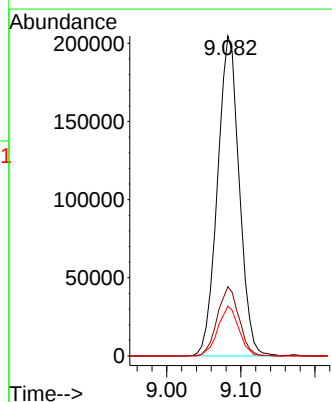
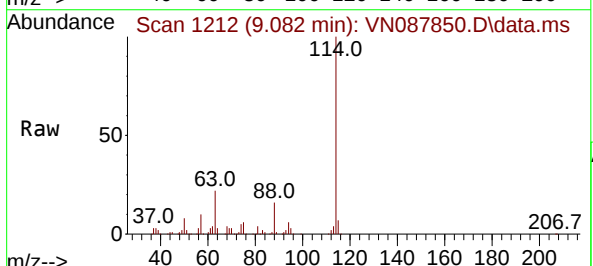
Instrument :
 MSVOA_N
 ClientSampleId :

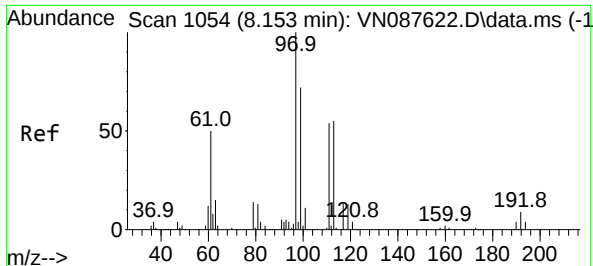
Tgt Ion: 65 Resp: 191875
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Tgt Ion: 114 Resp: 416535
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.2
 88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.482 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

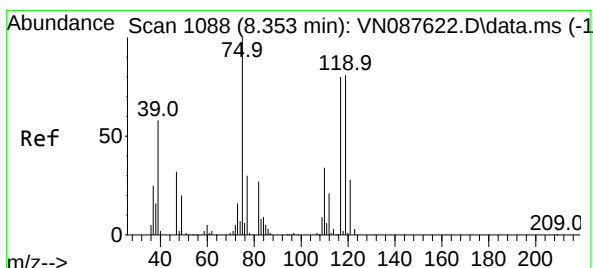
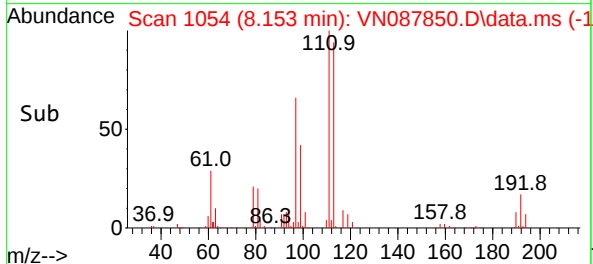
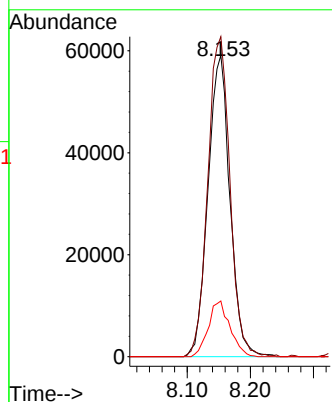
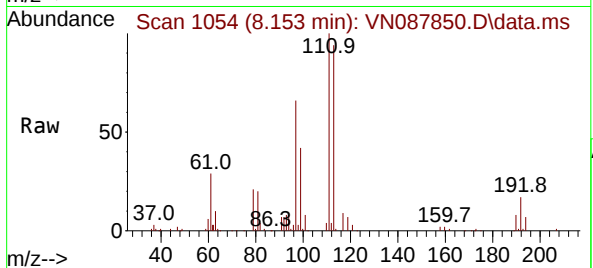
Tgt Ion:113 Resp: 142797

Ion Ratio Lower Upper

113 100

111 107.0 82.8 124.2

192 18.2 12.8 19.2



#36

1,1-Dichloropropene

Concen: 17.590 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

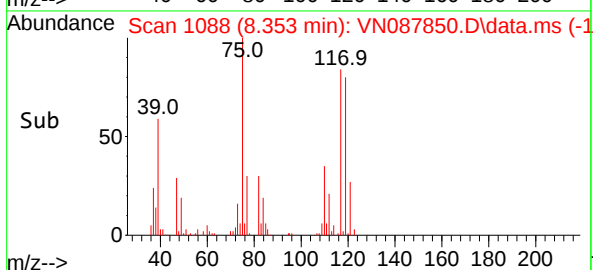
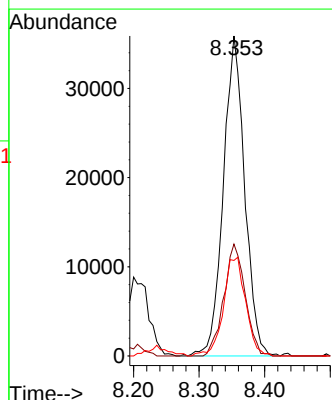
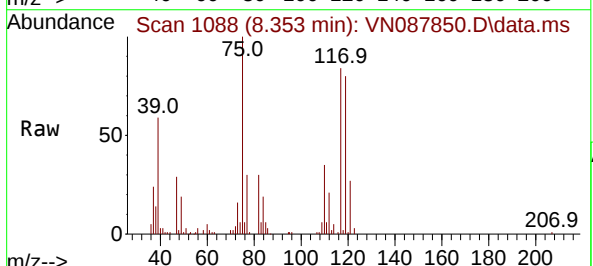
Tgt Ion: 75 Resp: 81154

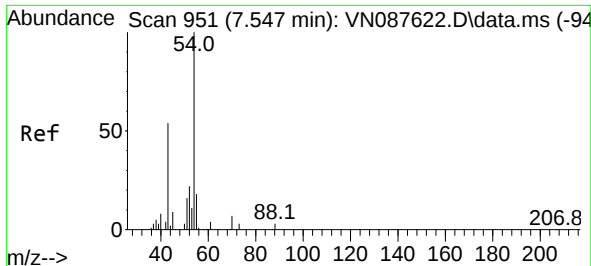
Ion Ratio Lower Upper

75 100

110 35.0 15.9 47.6

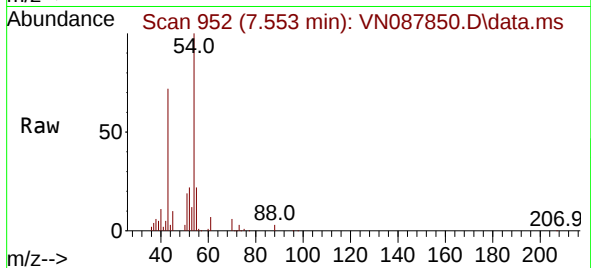
77 32.1 24.4 36.6



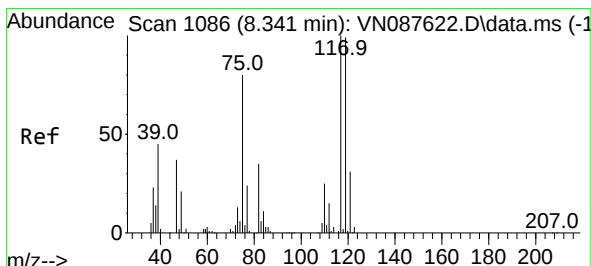
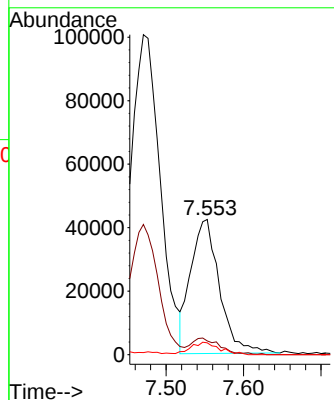
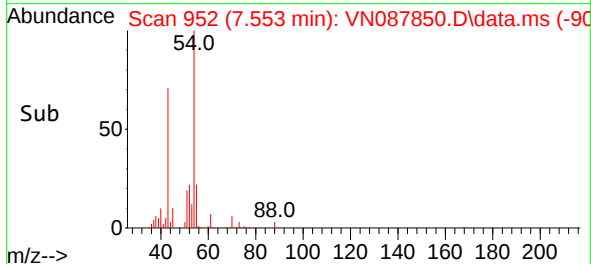


#37
Ethyl Acetate
Concen: 17.318 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :

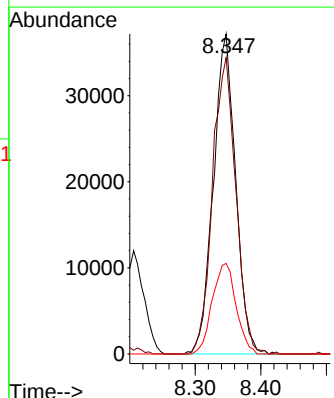
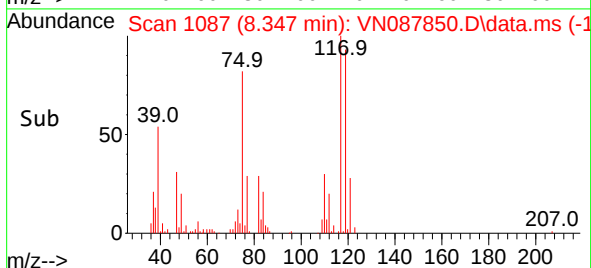
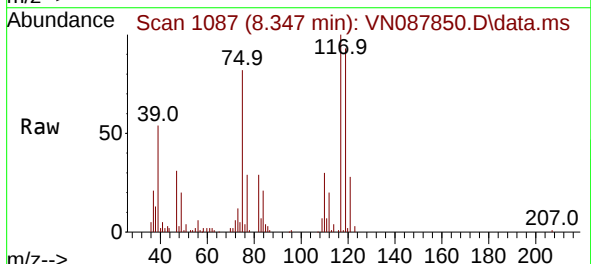


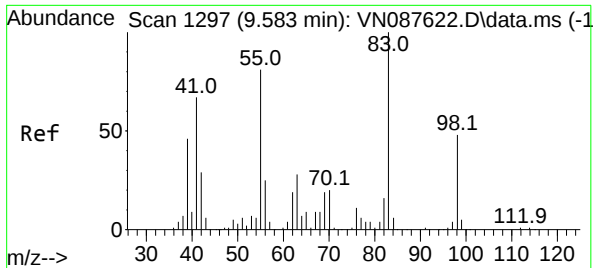
Tgt Ion: 43 Resp: 109179
Ion Ratio Lower Upper
43 100
61 12.2 9.3 13.9
70 9.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.234 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 117 Resp: 87614
Ion Ratio Lower Upper
117 100
119 92.6 79.0 118.6
121 28.3 25.0 37.6

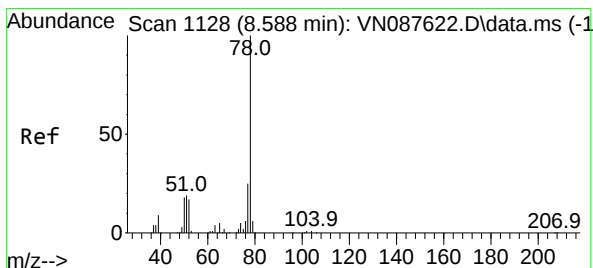
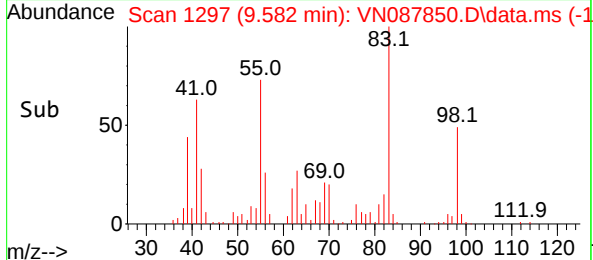
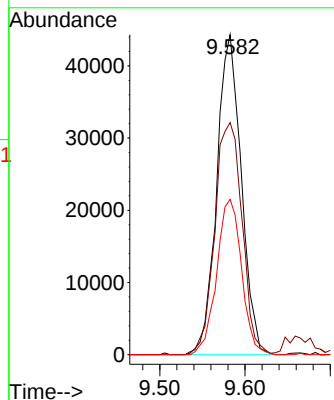
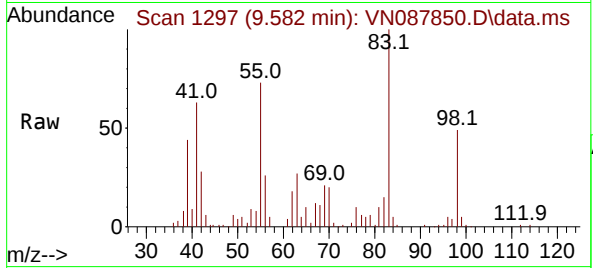




#39
Methylcyclohexane
Concen: 17.442 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

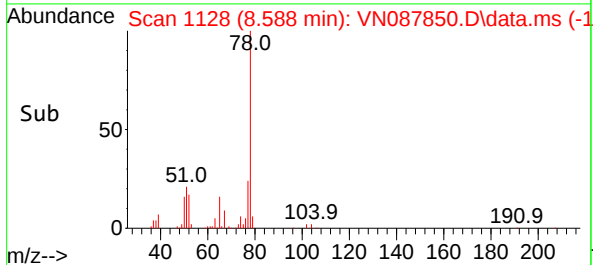
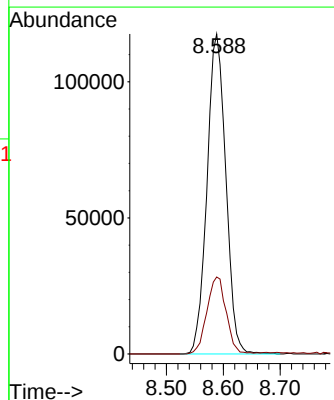
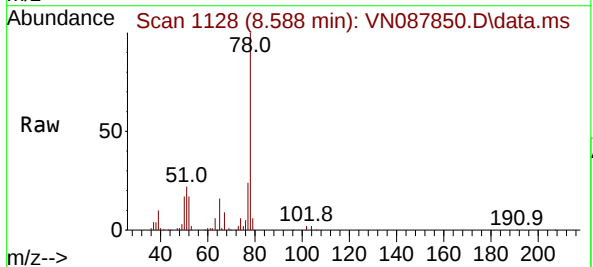
Instrument :
MSVOA_N
ClientSampleId :

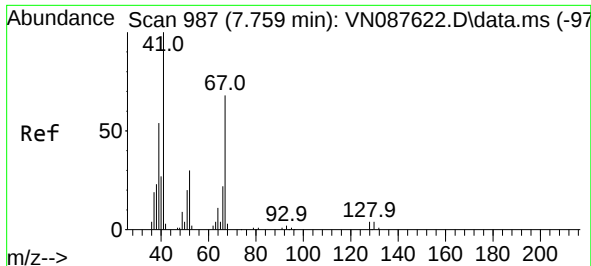
Tgt Ion: 83 Resp: 88595
Ion Ratio Lower Upper
83 100
55 72.6 64.6 96.8
98 48.5 38.4 57.6



#40
Benzene
Concen: 19.058 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 78 Resp: 269680
Ion Ratio Lower Upper
78 100
77 24.0 19.7 29.5

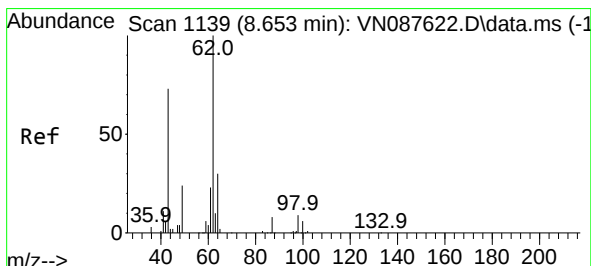
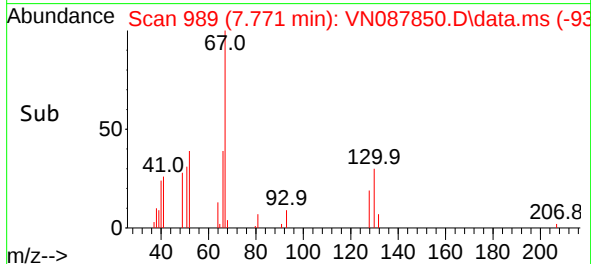
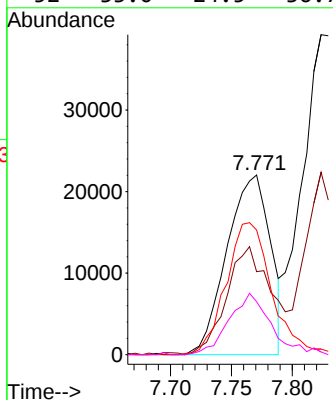
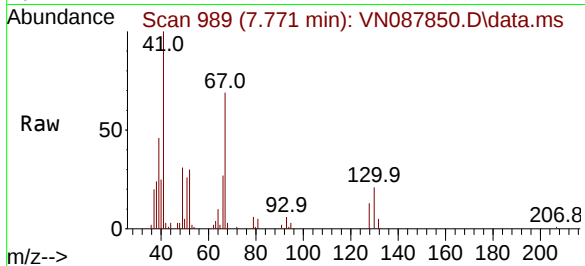




#41
Methacrylonitrile
Concen: 16.743 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

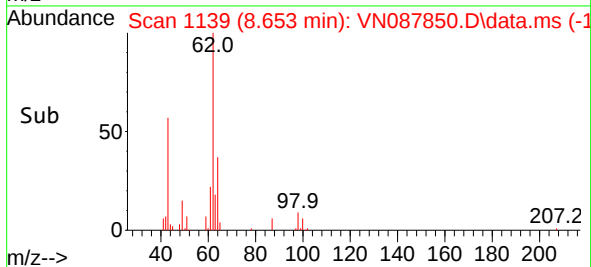
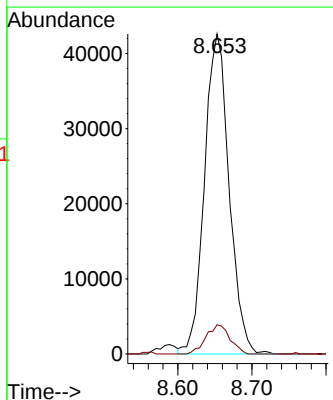
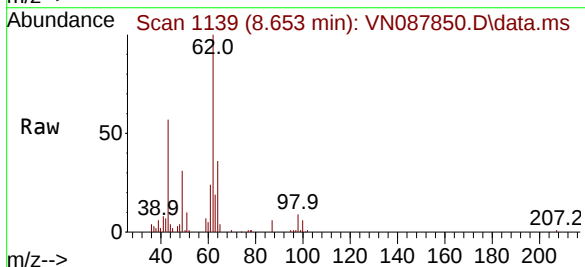
Instrument :
MSVOA_N
ClientSampleId :

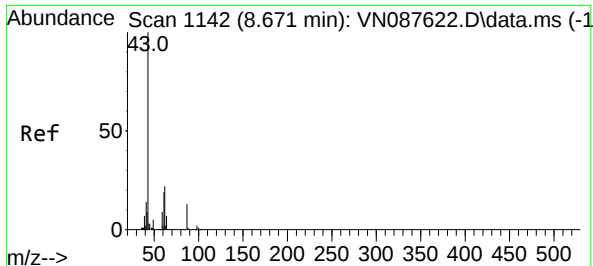
Tgt Ion:	41	Resp:	54678
Ion	Ratio	Lower	Upper
41	100		
39	61.3	45.4	68.0
67	77.8	55.3	82.9
52	33.0	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.074 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

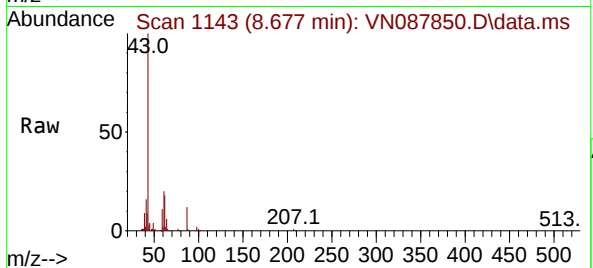
Tgt Ion:	62	Resp:	98286
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4



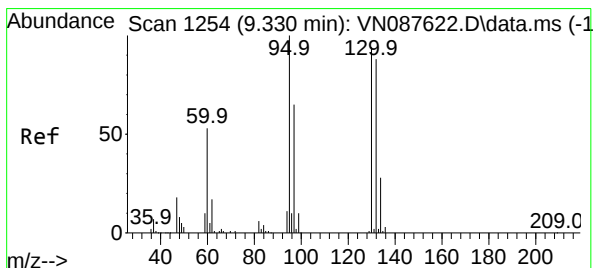
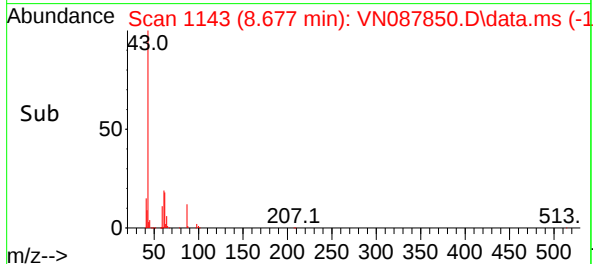
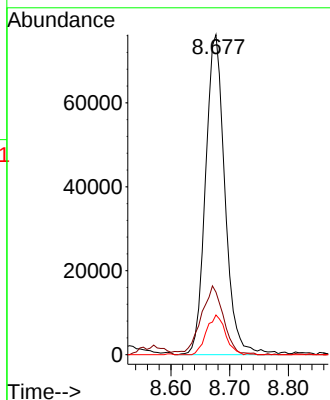


#43
Isopropyl Acetate
Concen: 17.750 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :

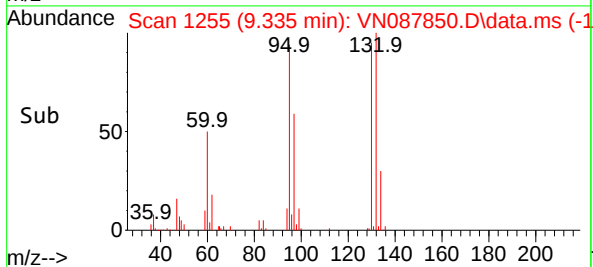
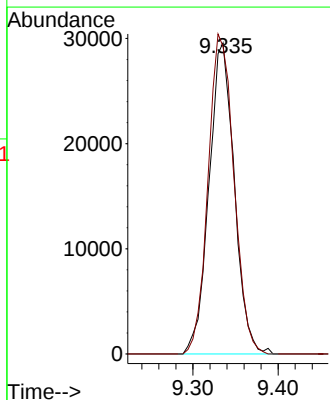
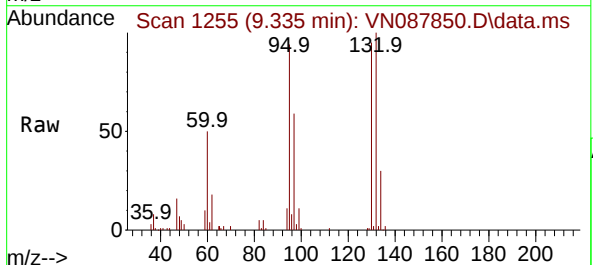


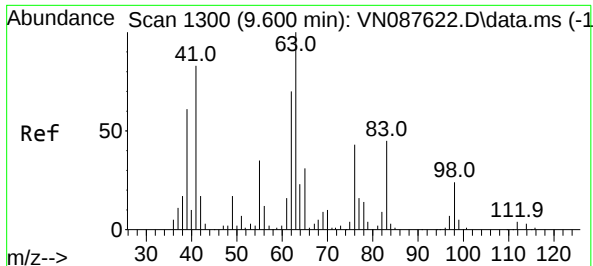
Tgt Ion: 43 Resp: 174715
Ion Ratio Lower Upper
43 100
61 24.8 18.8 28.2
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 18.867 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion:130 Resp: 60956
Ion Ratio Lower Upper
130 100
95 98.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.429 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

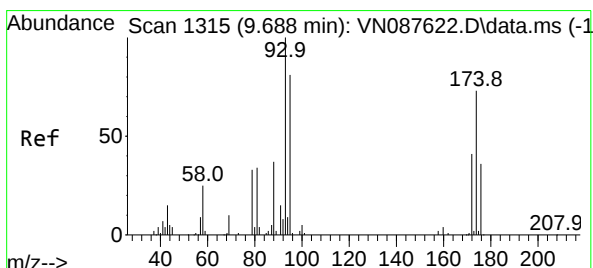
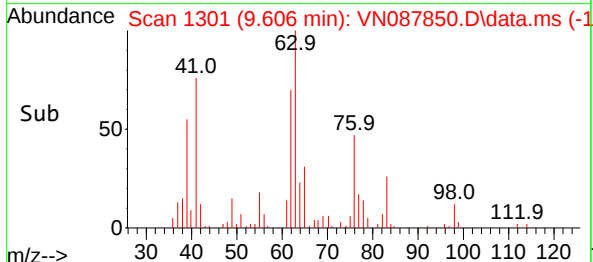
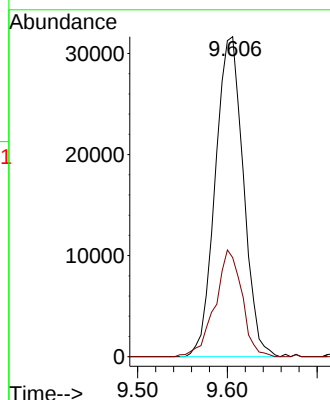
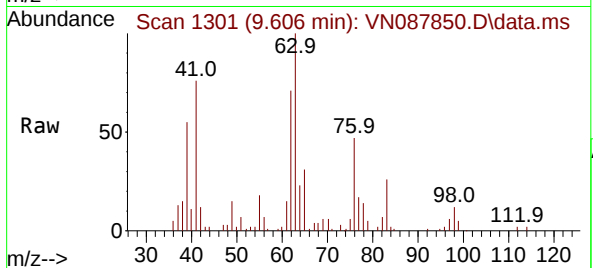
ClientSampleId :

Tgt Ion: 63 Resp: 68739

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4



#46

Dibromomethane

Concen: 18.750 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

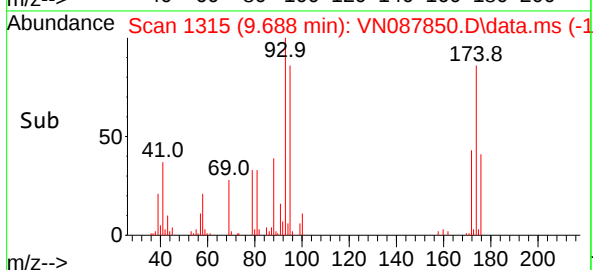
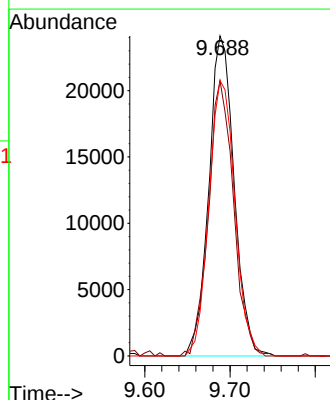
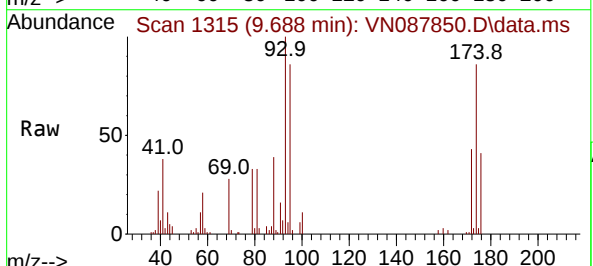
Tgt Ion: 93 Resp: 49768

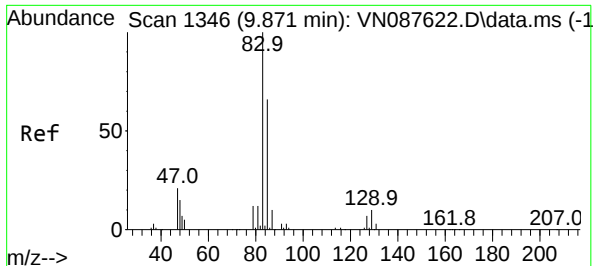
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

174 88.3 63.4 95.2

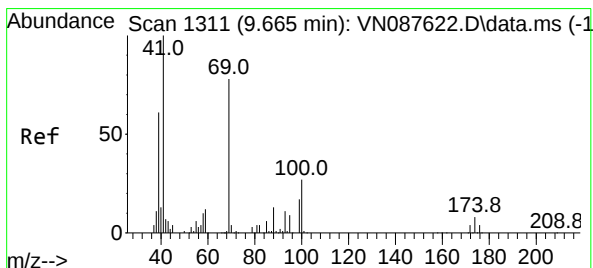
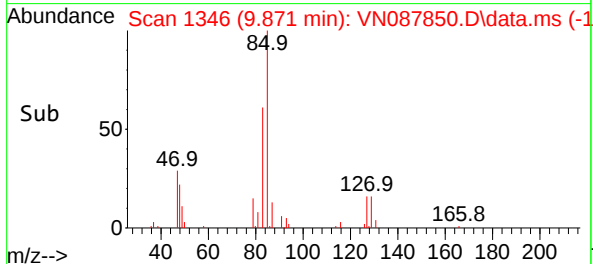
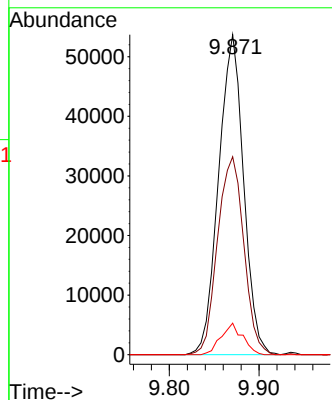
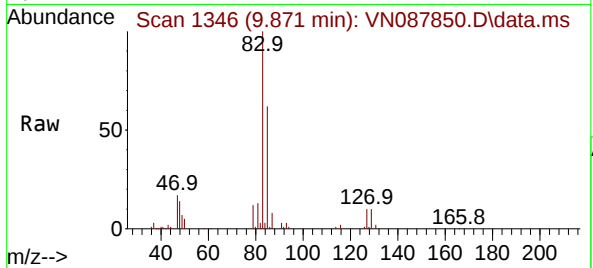




#47
Bromodichloromethane
Concen: 19.078 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

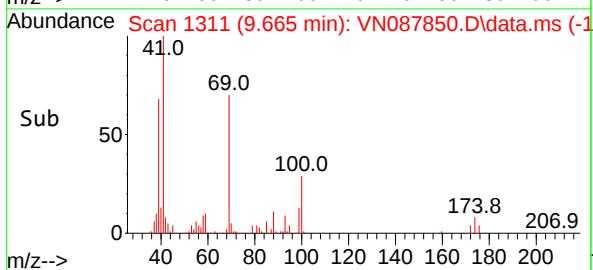
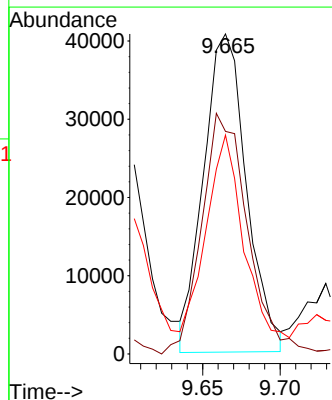
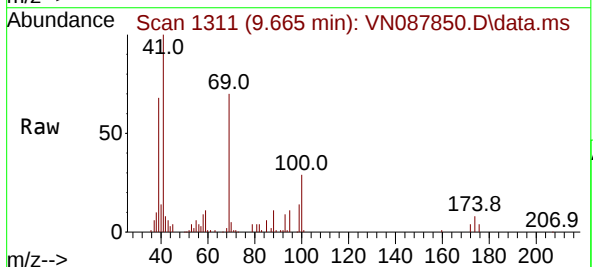
Instrument :
MSVOA_N
ClientSampleId :

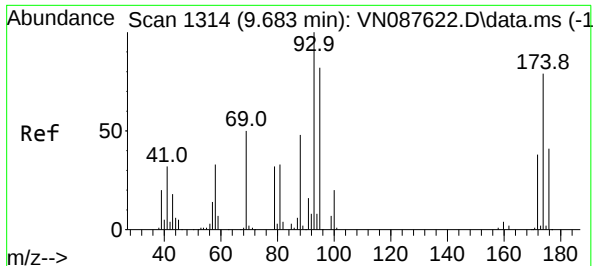
Tgt Ion: 83 Resp: 103785
Ion Ratio Lower Upper
83 100
85 61.8 52.5 78.7
127 9.8 5.8 8.6#



#48
Methyl methacrylate
Concen: 16.798 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 41 Resp: 78208
Ion Ratio Lower Upper
41 100
69 81.2 62.7 94.1
39 63.6 52.9 79.3





#49

1,4-Dioxane

Concen: 373.036 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

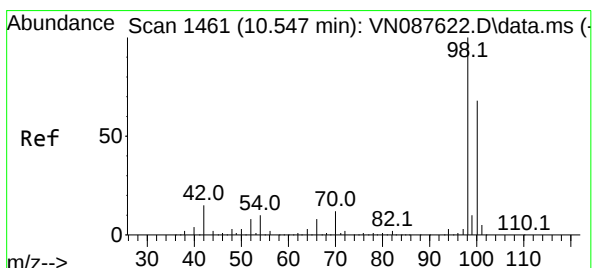
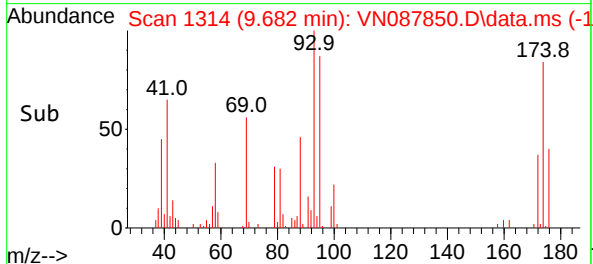
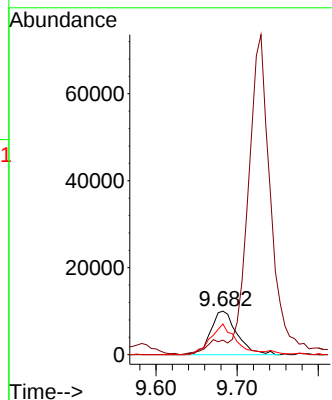
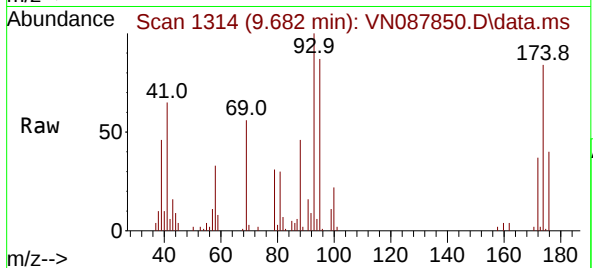
Tgt Ion: 88 Resp: 22511

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 67.1 57.9 86.9



#50

Toluene-d8

Concen: 45.005 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087850.D

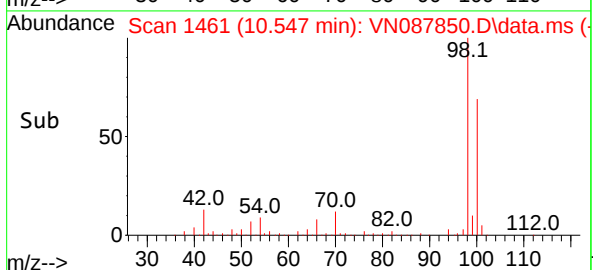
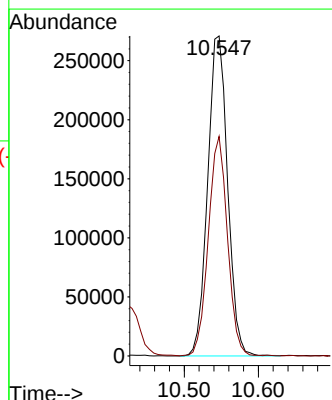
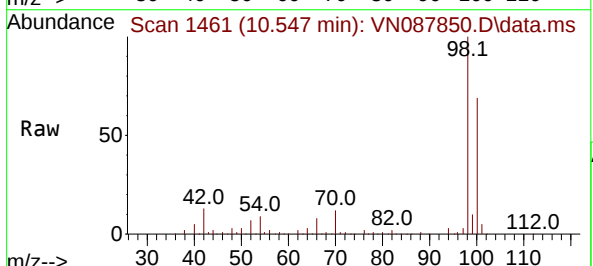
Acq: 16 Sep 2025 15:25

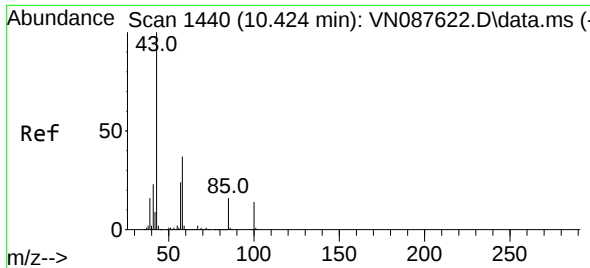
Tgt Ion: 98 Resp: 506575

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2

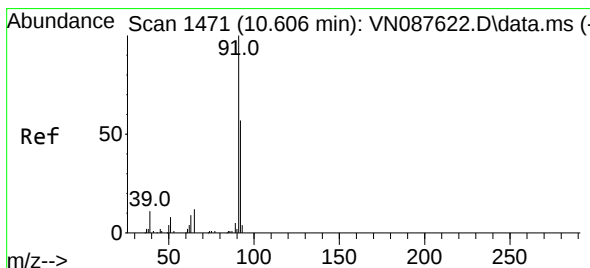
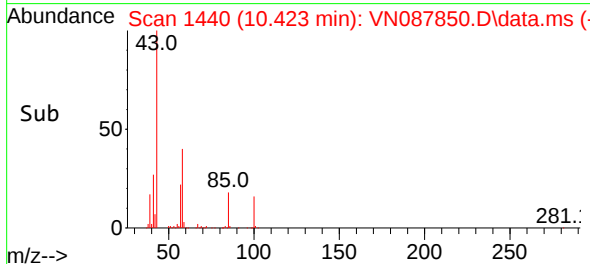
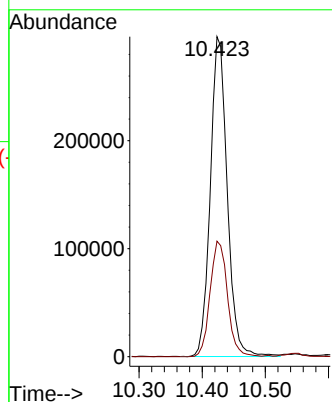
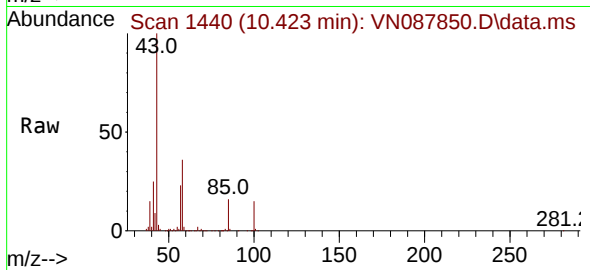




#51
4-Methyl-2-Pentanone
Concen: 92.834 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

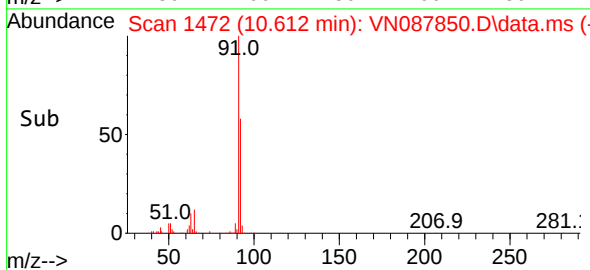
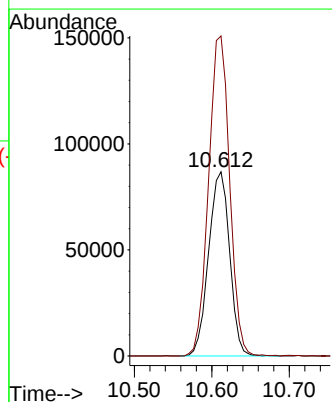
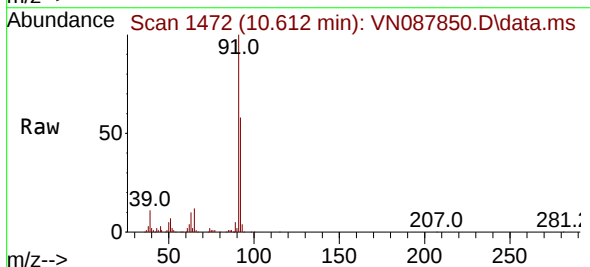
Instrument :
MSVOA_N
ClientSampleId :

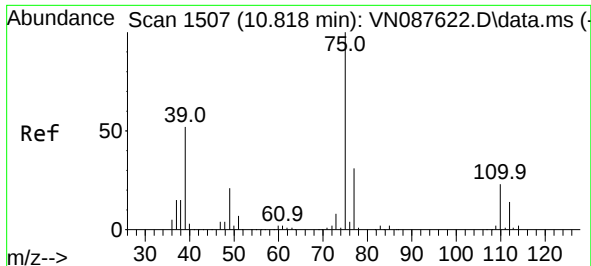
Tgt Ion: 43 Resp: 551309
Ion Ratio Lower Upper
43 100
58 37.1 29.6 44.4



#52
Toluene
Concen: 18.645 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 92 Resp: 163565
Ion Ratio Lower Upper
92 100
91 174.1 140.4 210.6

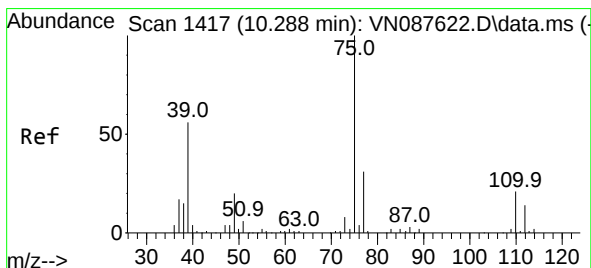
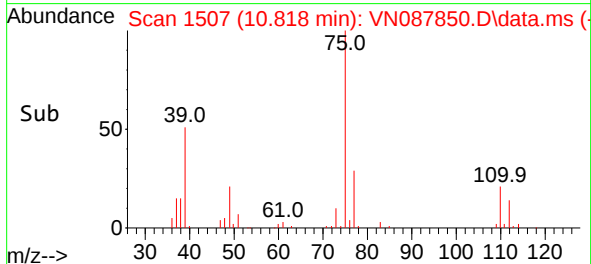
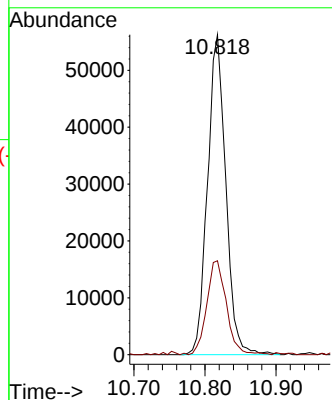
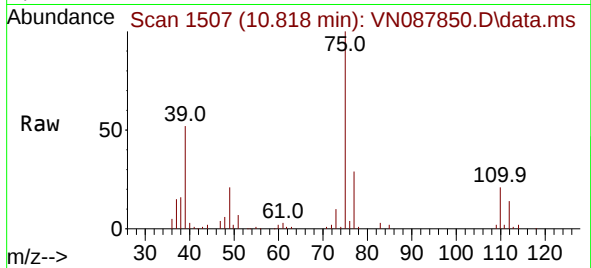




#53
 t-1,3-Dichloropropene
 Concen: 17.857 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

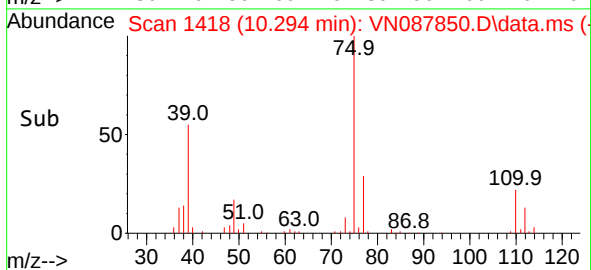
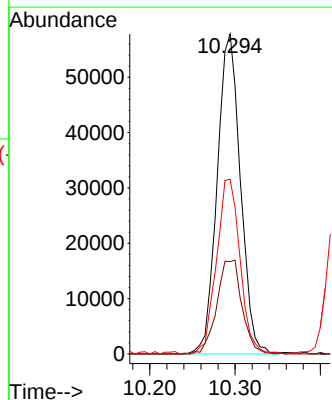
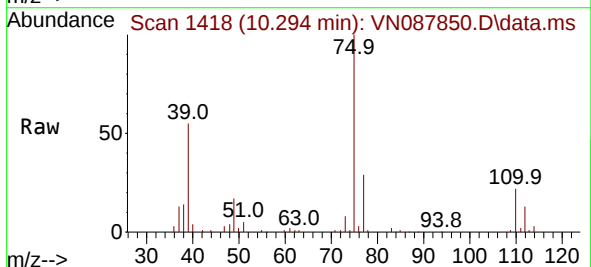
Instrument :
 MSVOA_N
 ClientSampleId :

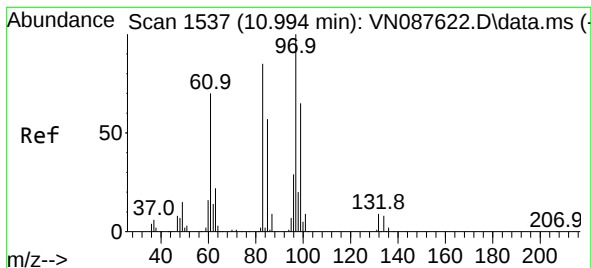
Tgt Ion: 75 Resp: 100551
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.749 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

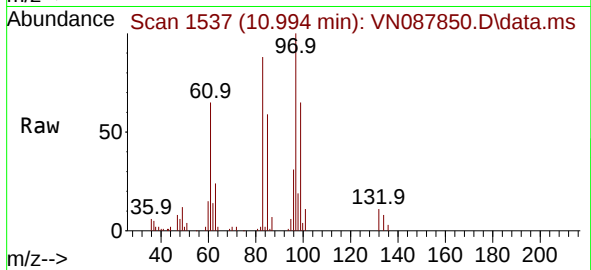
Tgt Ion: 75 Resp: 109621
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.6 37.0
 39 54.6 45.2 67.8



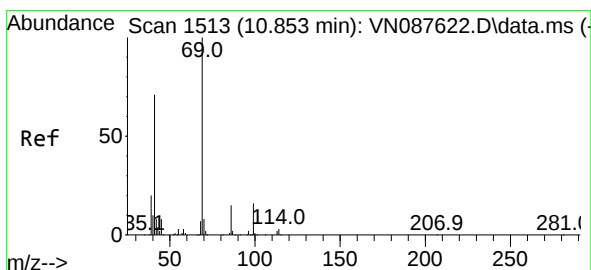
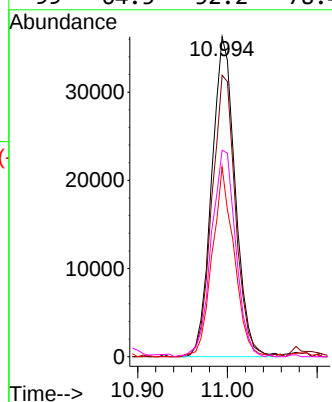
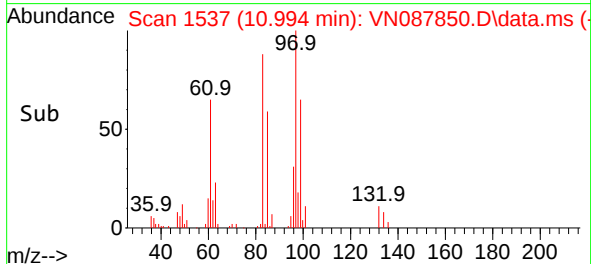


#55
 1,1,2-Trichloroethane
 Concen: 19.433 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Instrument :
 MSVOA_N
 ClientSampleId :

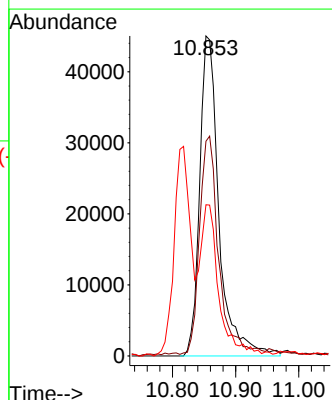
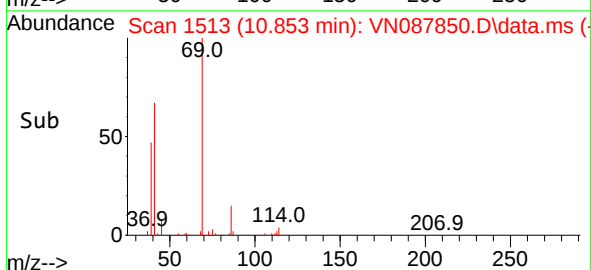
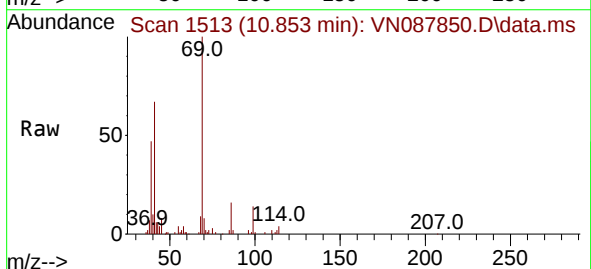


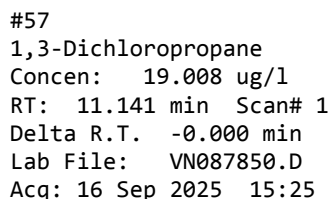
Tgt Ion:	97	Resp:	65951
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.2	102.4
85	59.3	45.5	68.3
99	64.5	52.2	78.4



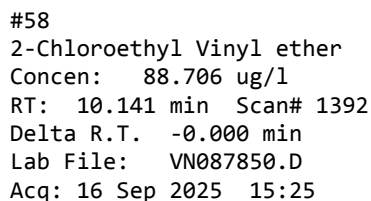
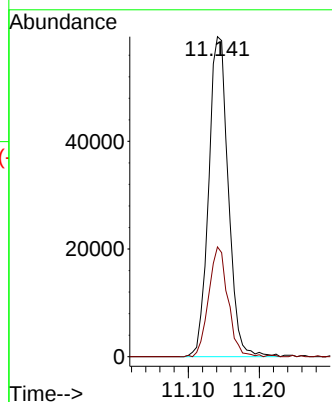
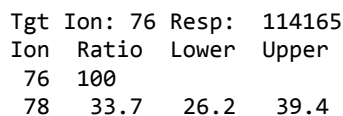
#56
 Ethyl methacrylate
 Concen: 17.609 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Tgt Ion:	69	Resp:	95504
Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.5	84.7
39	45.5	34.2	51.4

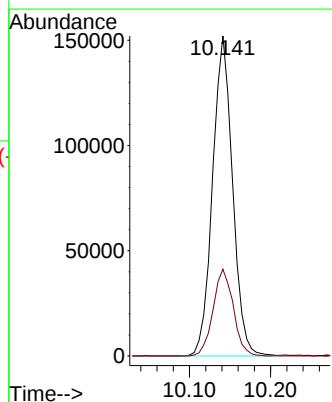
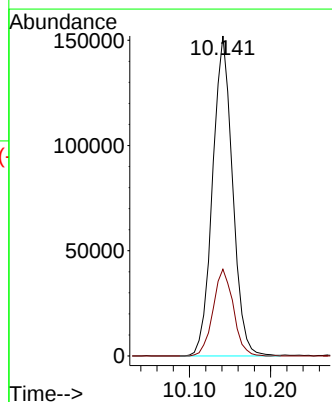


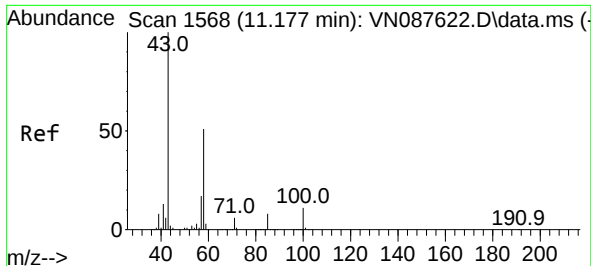


Instrument :
MSVOA_N
ClientSampleId :



Tgt	Ion: 63	Resp:	260397
Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.1	31.7

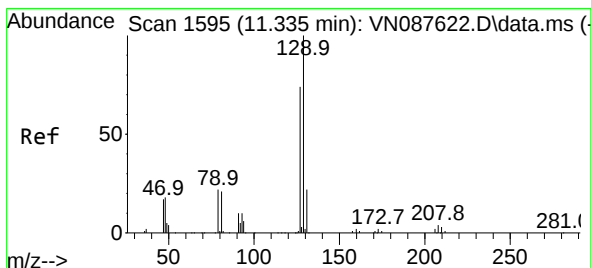
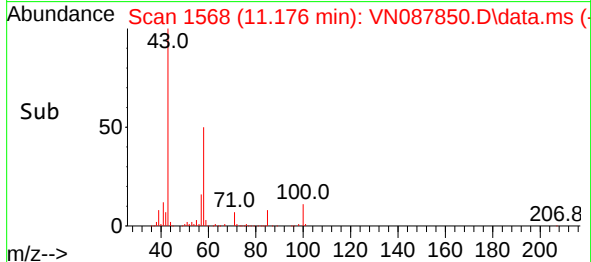
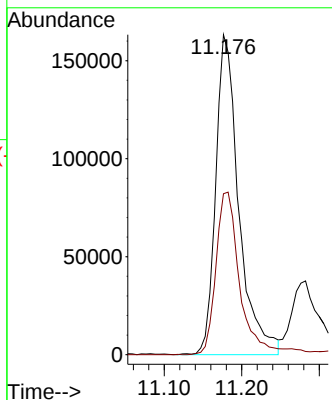
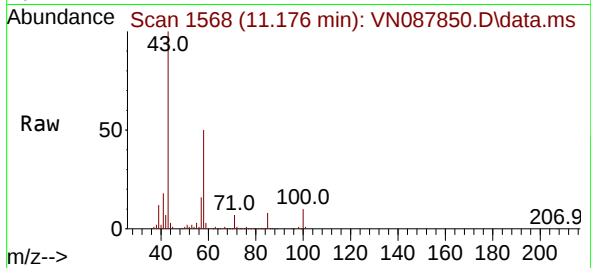




#59
2-Hexanone
Concen: 90.071 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

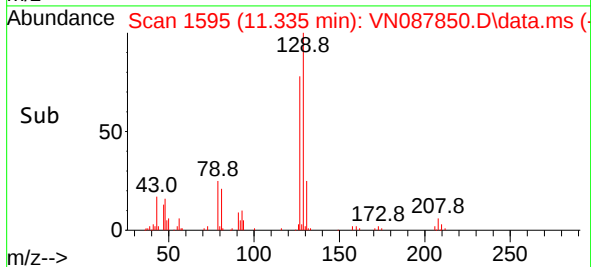
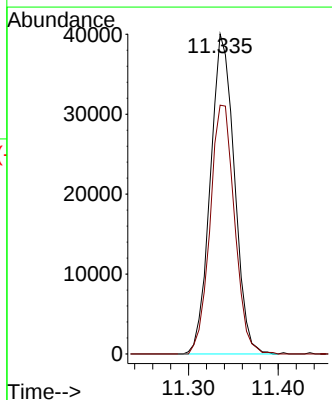
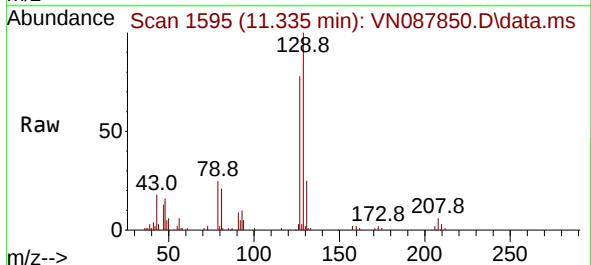
Instrument :
MSVOA_N
ClientSampleId :

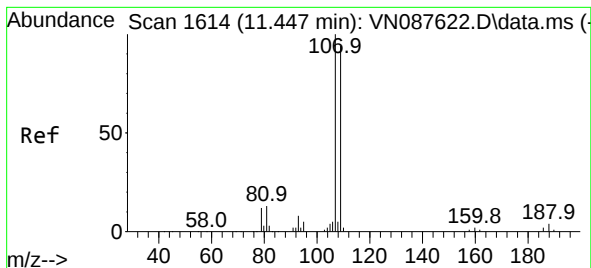
Tgt Ion: 43 Resp: 338058
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.8



#60
Dibromochloromethane
Concen: 18.924 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion:129 Resp: 74413
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.954 ug/l

RT: 11.447 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

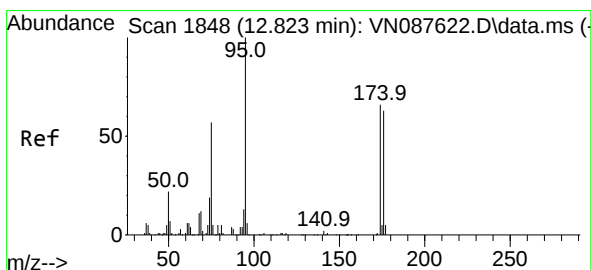
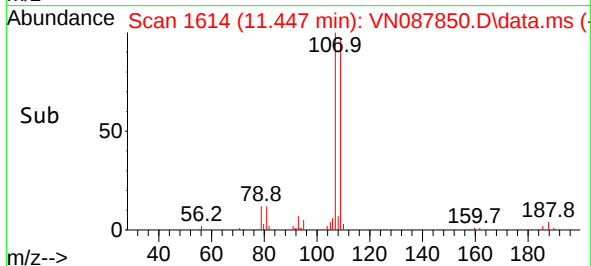
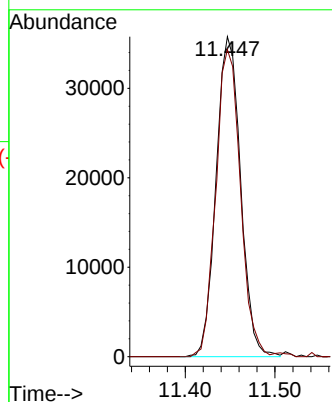
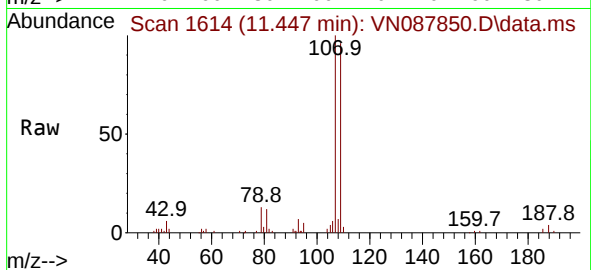
ClientSampleId :

Tgt Ion:107 Resp: 67826

Ion Ratio Lower Upper

107 100

109 96.3 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 46.806 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

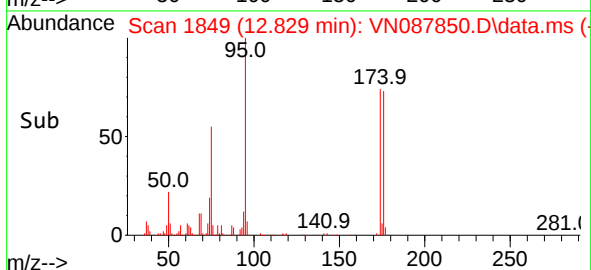
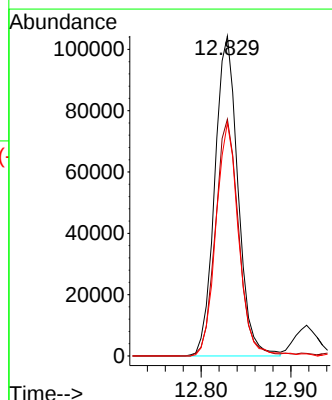
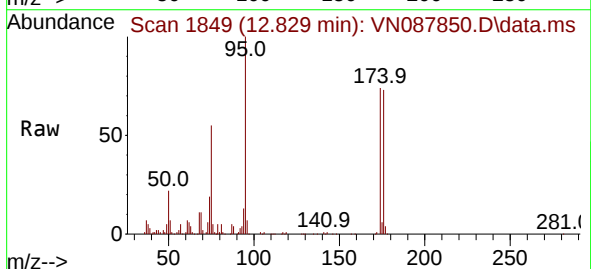
Tgt Ion: 95 Resp: 187364

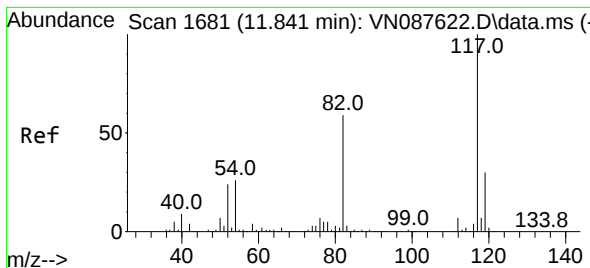
Ion Ratio Lower Upper

95 100

174 73.5 0.0 138.4

176 71.6 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

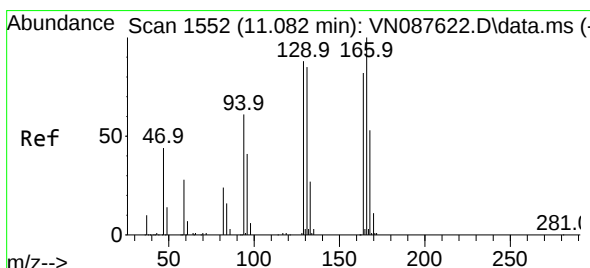
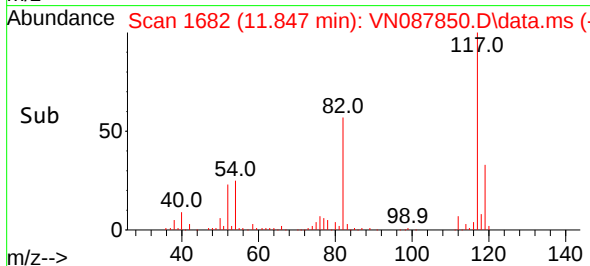
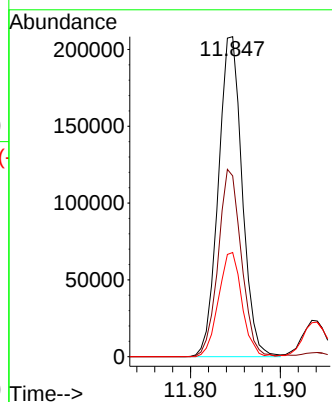
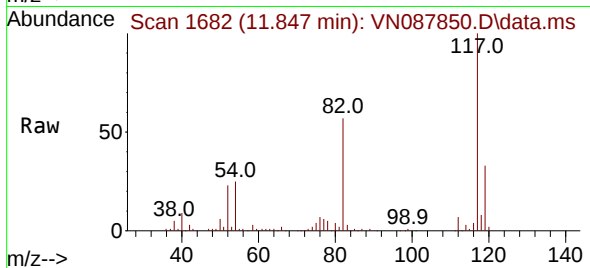
Tgt Ion:117 Resp: 384629

Ion Ratio Lower Upper

117 100

82 56.5 47.4 71.2

119 32.6 24.3 36.5



#64

Tetrachloroethene

Concen: 19.194 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Tgt Ion:164 Resp: 51220

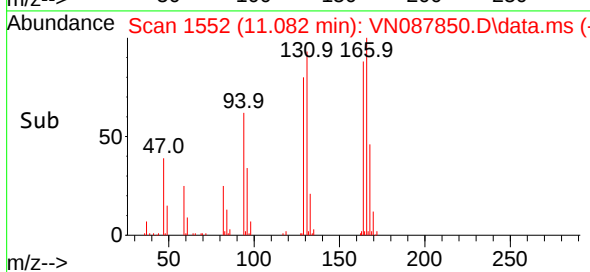
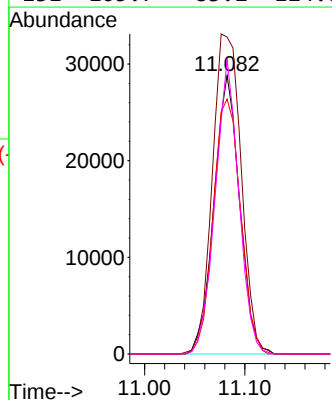
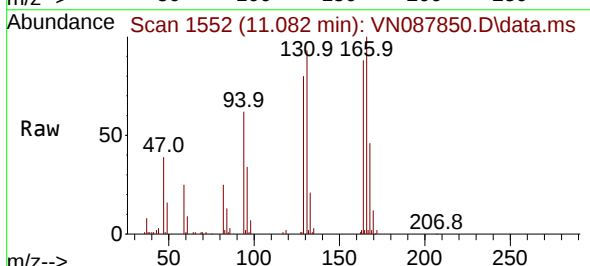
Ion Ratio Lower Upper

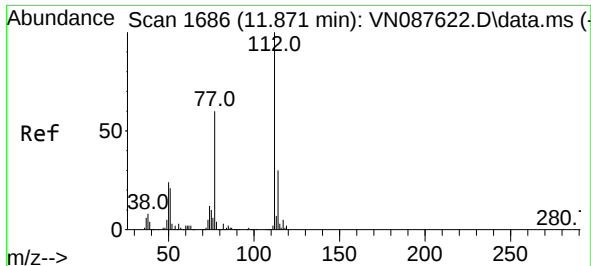
164 100

166 113.9 97.7 146.5

129 91.5 85.9 128.9

131 105.7 83.2 124.8

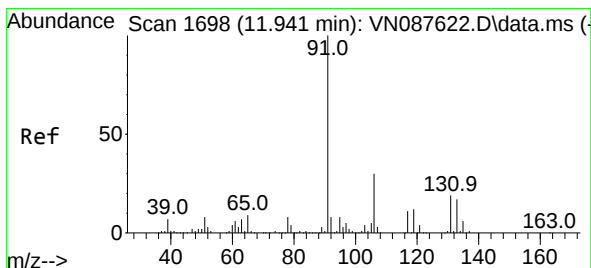
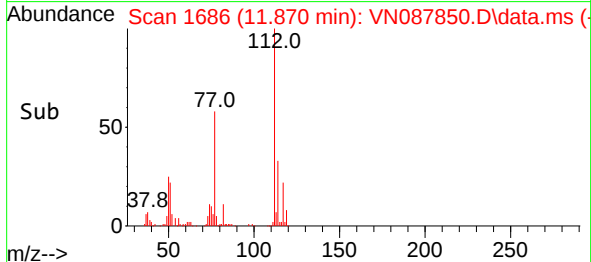
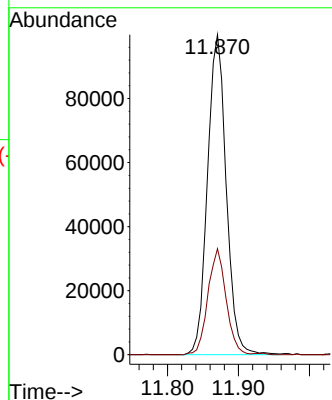
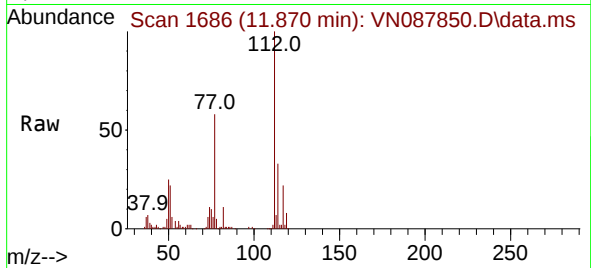




#65
Chlorobenzene
Concen: 19.174 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

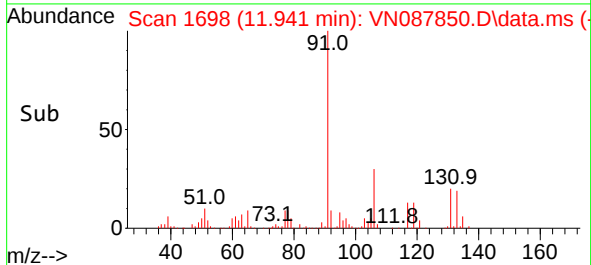
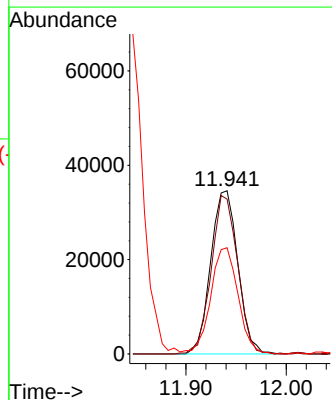
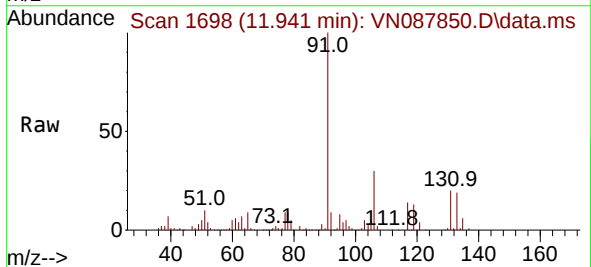
Instrument :
MSVOA_N
ClientSampleId :

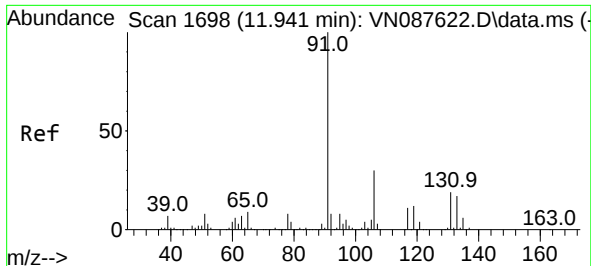
Tgt Ion:112 Resp: 183474
Ion Ratio Lower Upper
112 100
114 33.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.455 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion:131 Resp: 64982
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 65.9 32.6 97.7

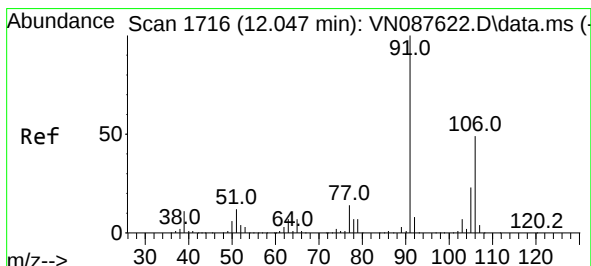
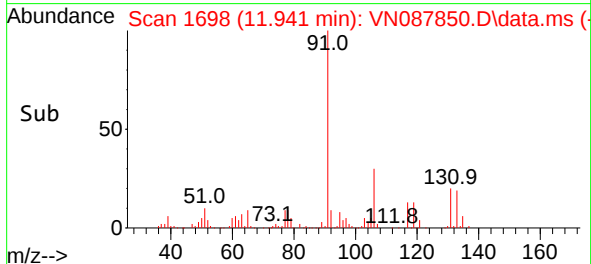
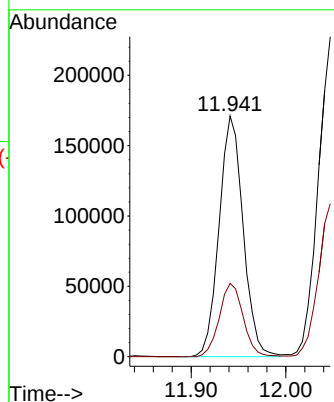
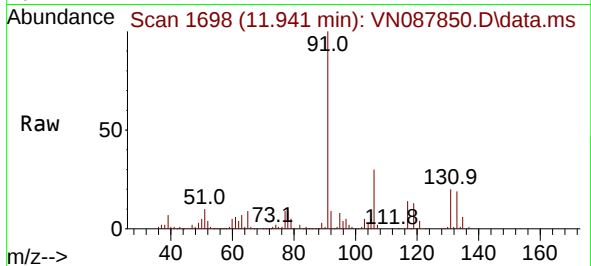




#67
Ethyl Benzene
Concen: 18.215 ug/l
RT: 11.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

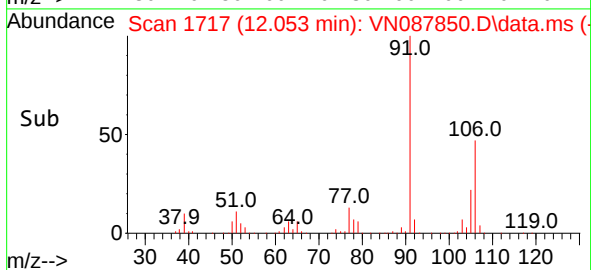
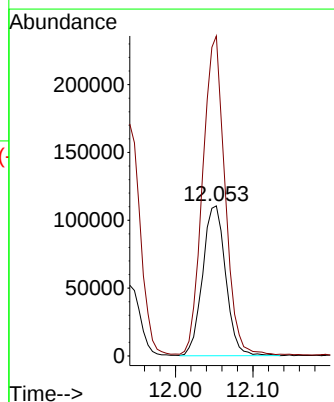
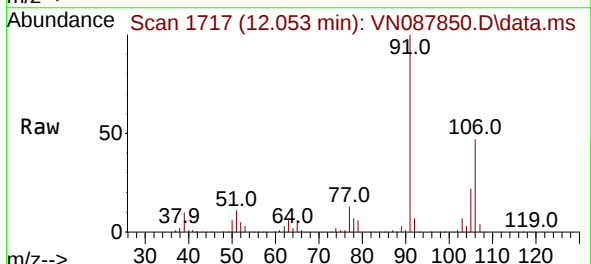
Instrument :
MSVOA_N
ClientSampleId :

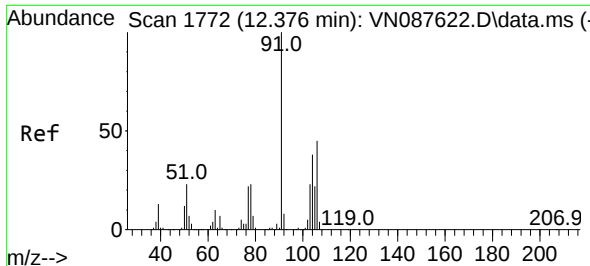
Tgt Ion: 91 Resp: 301786
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 37.626 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion:106 Resp: 228624
Ion Ratio Lower Upper
106 100
91 206.7 169.3 253.9

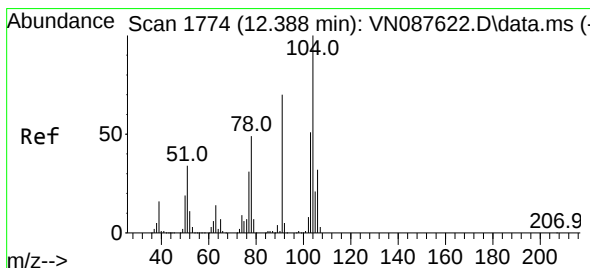
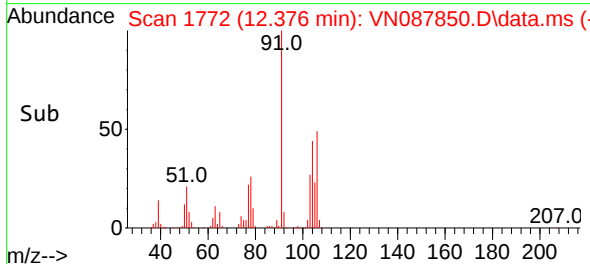
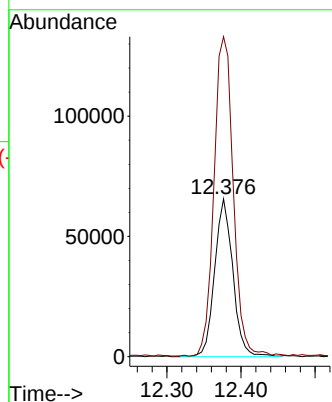
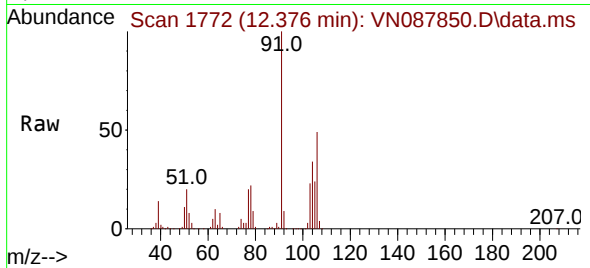




#69
o-Xylene
Concen: 18.803 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

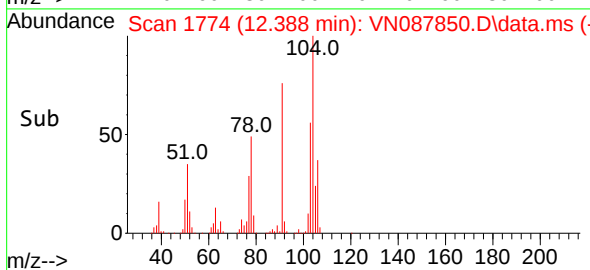
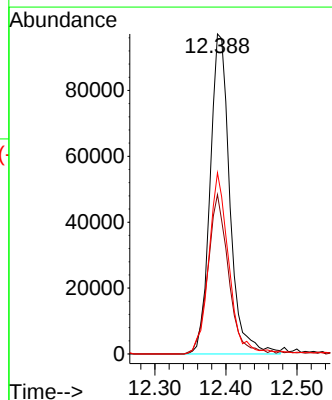
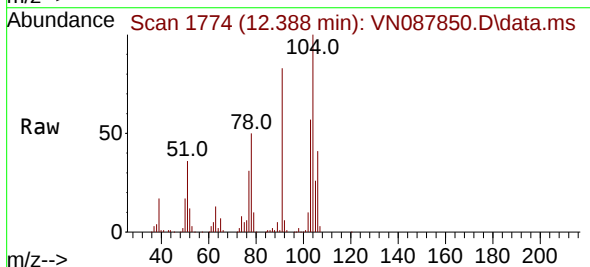
Instrument :
MSVOA_N
ClientSampleId :

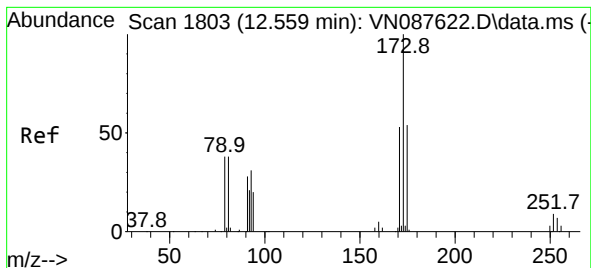
Tgt Ion:106 Resp: 111964
Ion Ratio Lower Upper
106 100
91 214.3 111.4 334.2



#70
Styrene
Concen: 18.820 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion:104 Resp: 187752
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.2
103 57.5 43.4 65.2





#71

Bromoform

Concen: 21.008 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

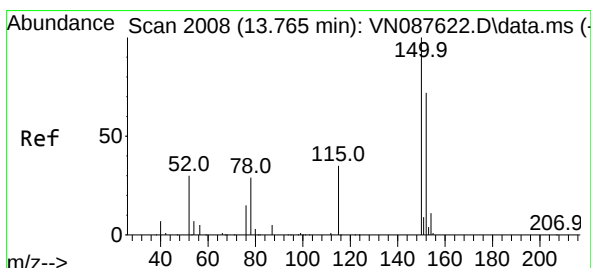
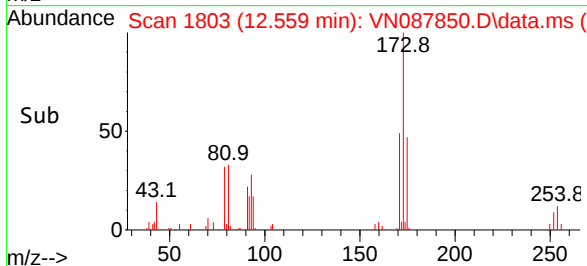
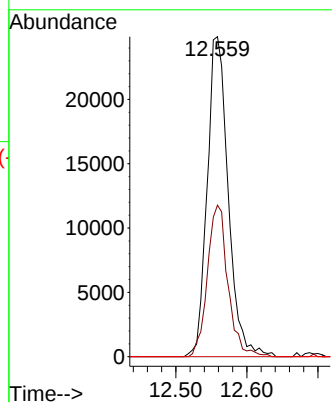
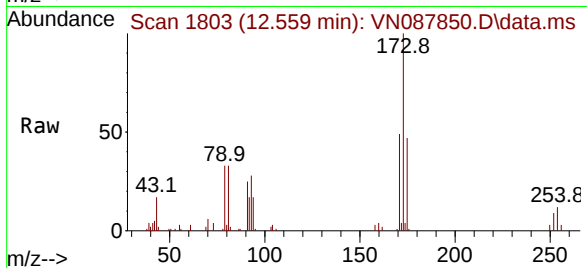
Tgt Ion:173 Resp: 51182

Ion Ratio Lower Upper

173 100

175 46.3 24.9 74.6

254 0.0 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: VN087850.D

Acq: 16 Sep 2025 15:25

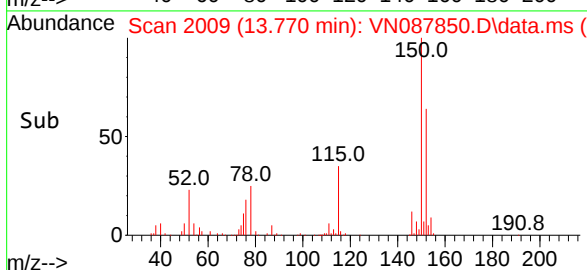
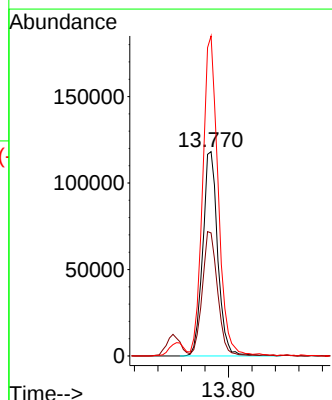
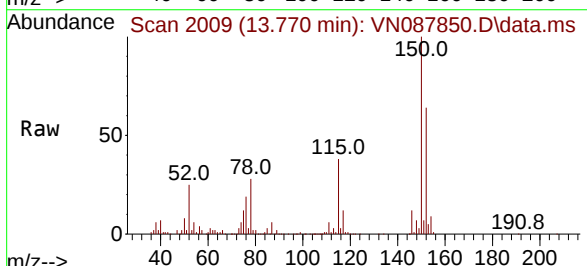
Tgt Ion:152 Resp: 210239

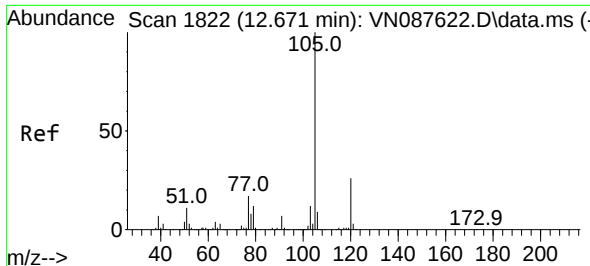
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 158.9 0.0 351.0

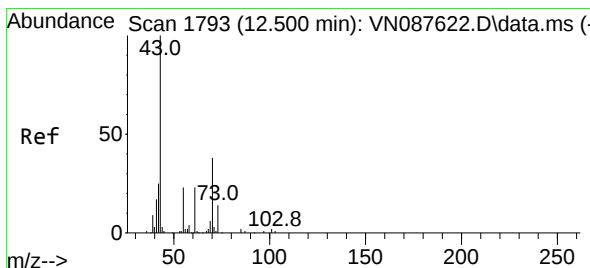
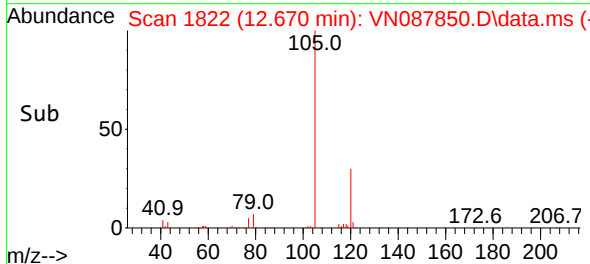
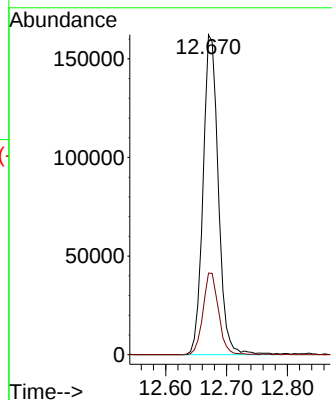
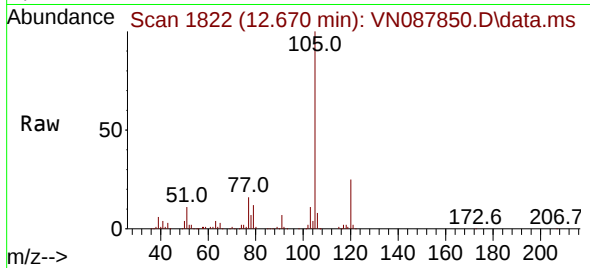




#73
Isopropylbenzene
Concen: 16.667 ug/l
RT: 12.670 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

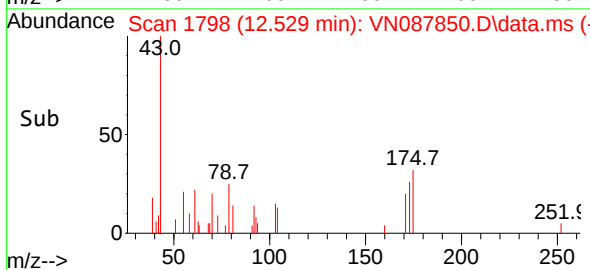
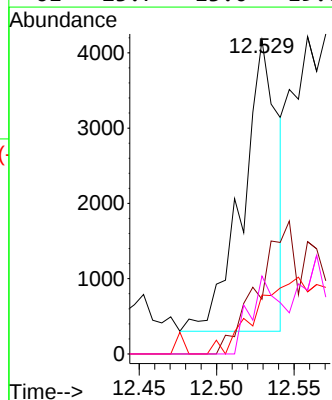
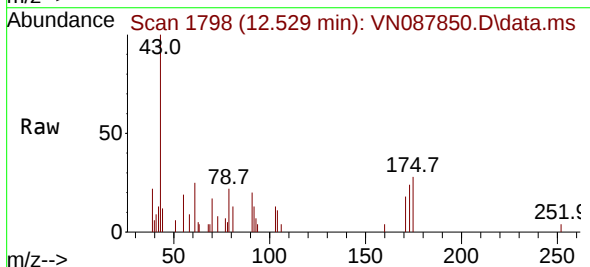
Instrument :
MSVOA_N
ClientSampleId :

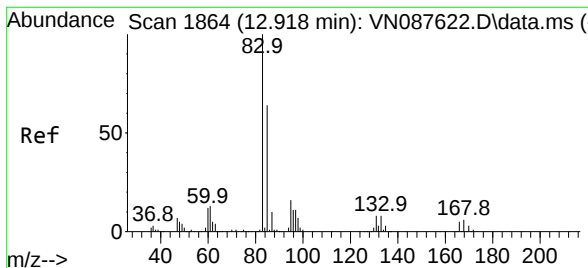
Tgt Ion:105 Resp: 283155
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3



#74
N-ethyl acetate
Concen: 0.956 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.029 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 43 Resp: 6154
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 23.7 13.0 19.6#

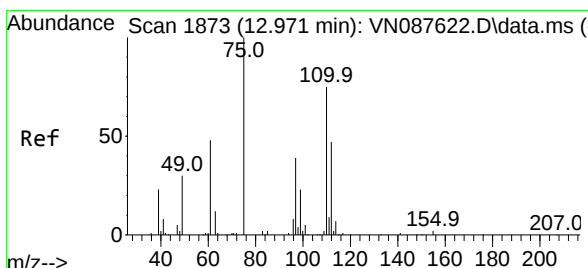
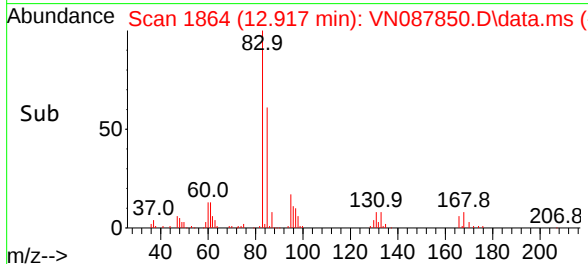
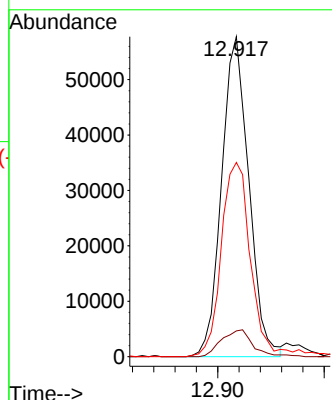
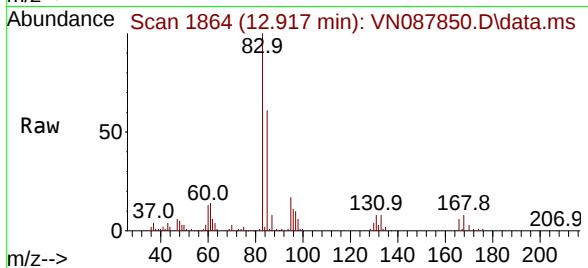




#75
1,1,2-Tetrachloroethane
Concen: 17.502 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

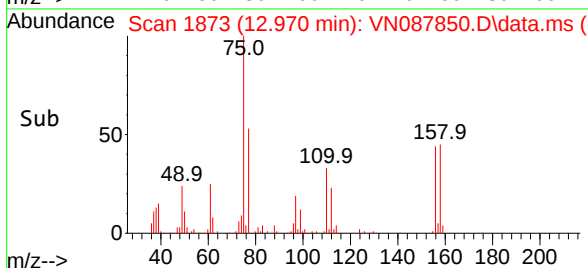
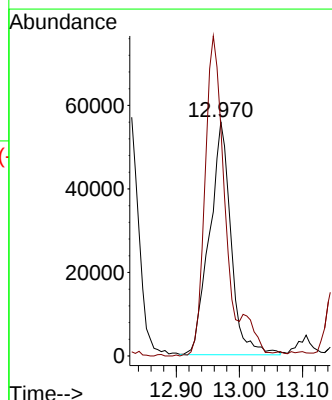
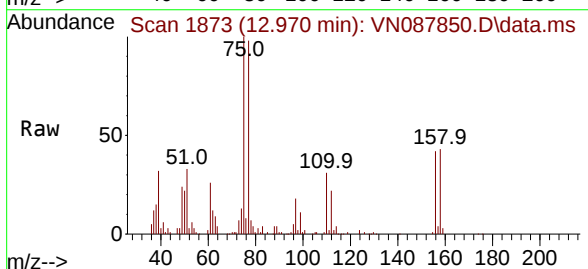
Instrument :
MSVOA_N
ClientSampleId :

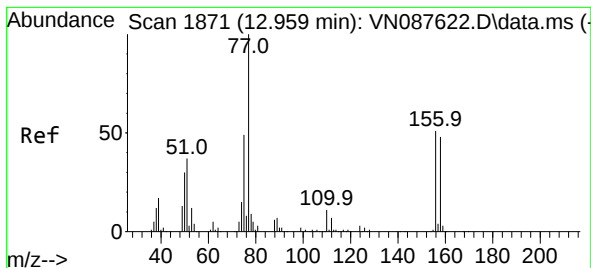
Tgt Ion: 83 Resp: 102369
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 66.3 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 26.837 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 75 Resp: 132311
Ion Ratio Lower Upper
75 100
77 120.5 89.1 267.4





#77

Bromobenzene

Concen: 17.836 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

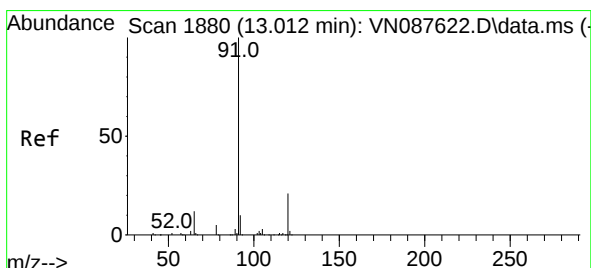
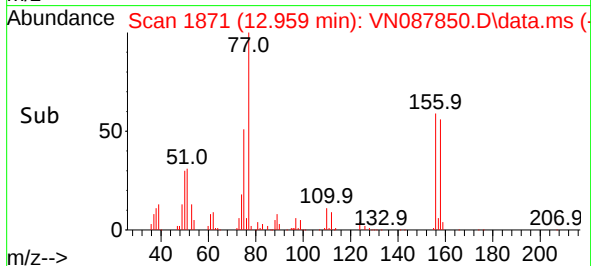
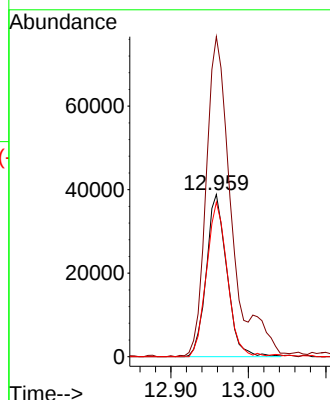
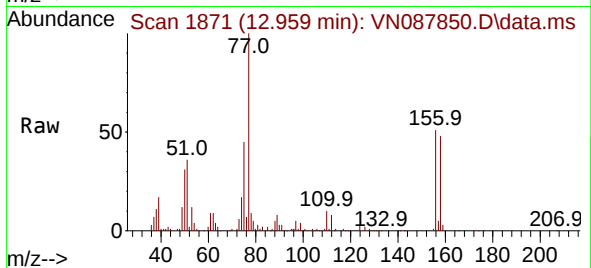
Tgt Ion:156 Resp: 71443

Ion Ratio Lower Upper

156 100

77 223.2 119.3 358.0

158 96.7 48.2 144.6



#78

n-propylbenzene

Concen: 17.083 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087850.D

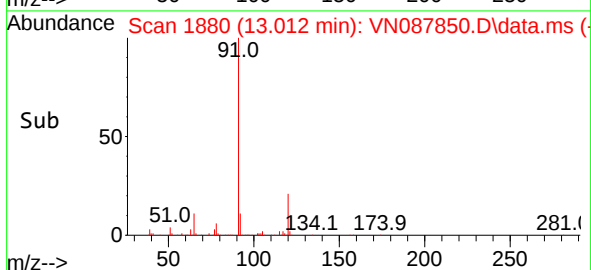
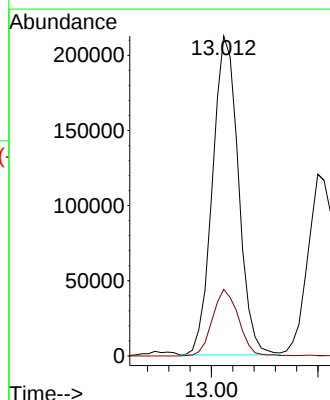
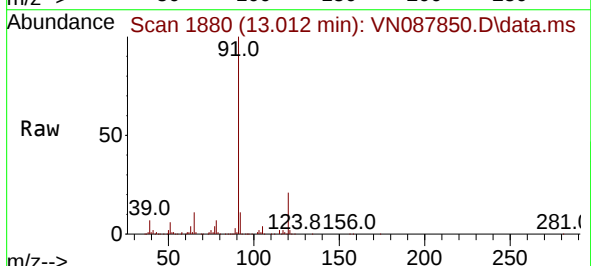
Acq: 16 Sep 2025 15:25

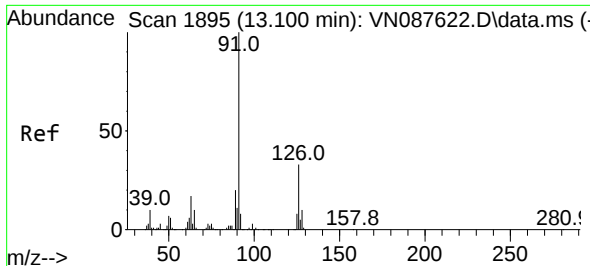
Tgt Ion: 91 Resp: 357472

Ion Ratio Lower Upper

91 100

120 21.1 10.7 32.1

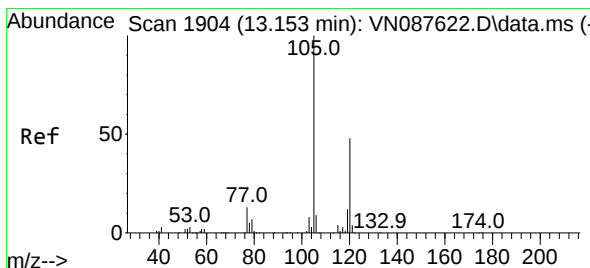
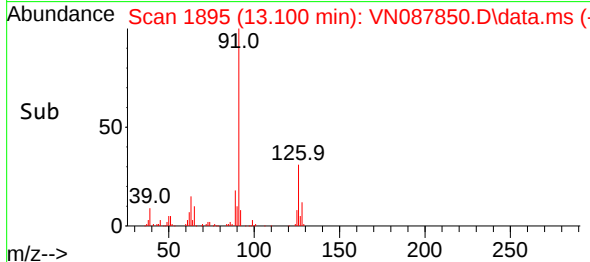
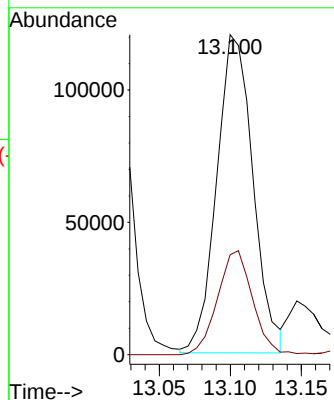
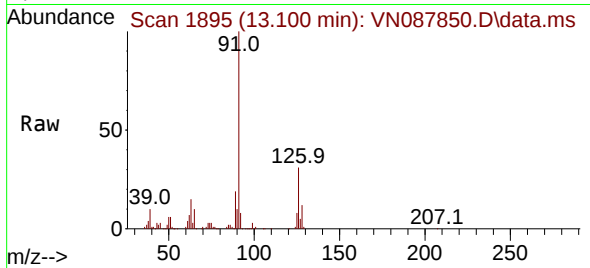




#79
2-Chlorotoluene
Concen: 16.985 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

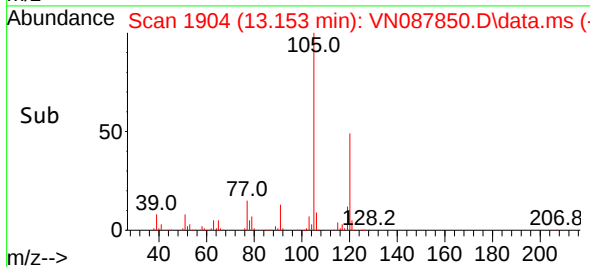
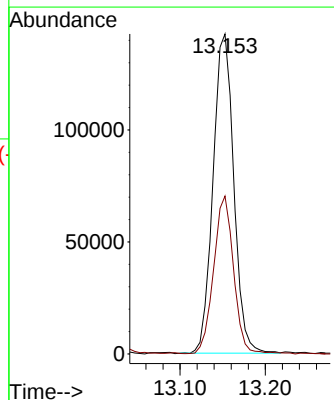
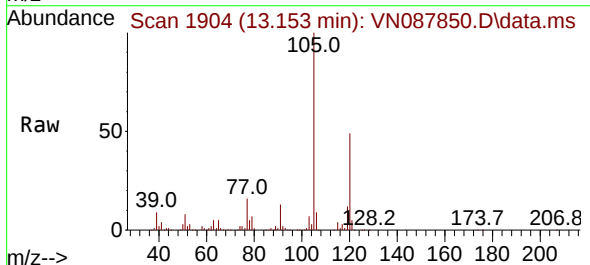
Instrument :
MSVOA_N
ClientSampleId :

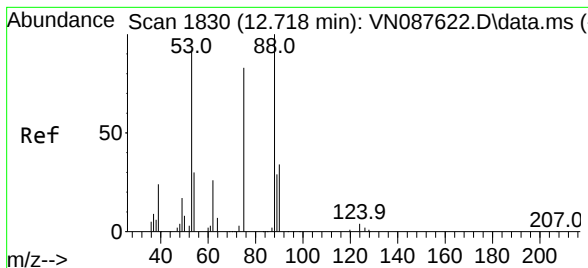
Tgt Ion: 91 Resp: 213896
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 16.669 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 105 Resp: 240227
Ion Ratio Lower Upper
105 100
120 48.0 23.2 69.6

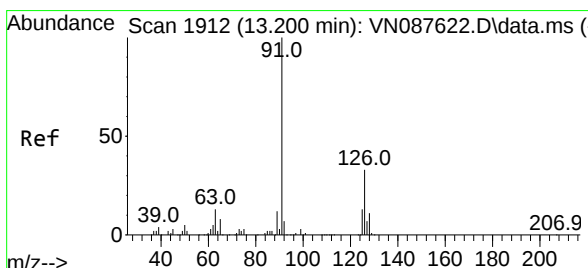
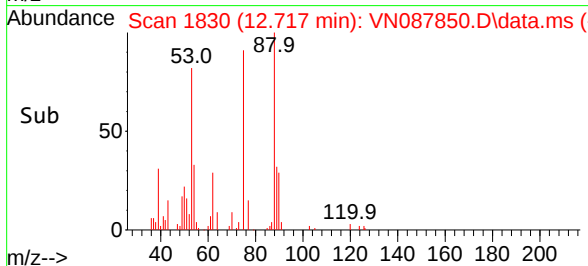
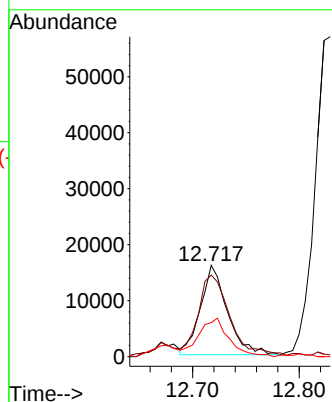
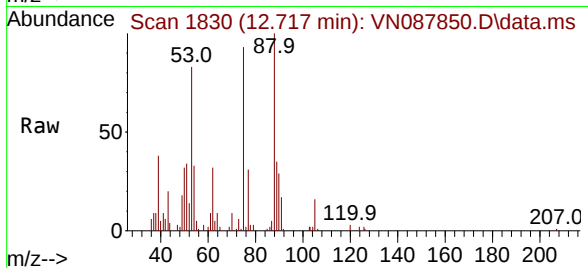




#81
trans-1,4-Dichloro-2-butene
Concen: 15.052 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

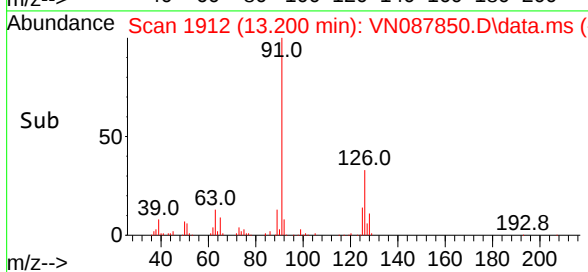
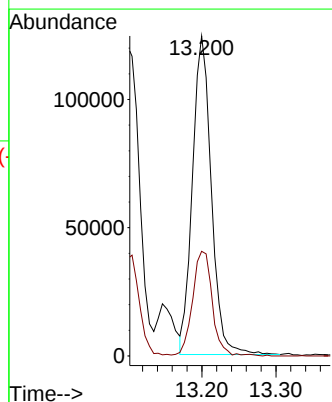
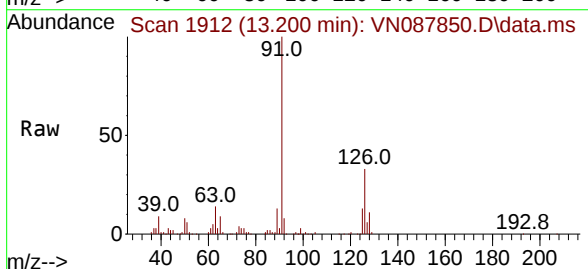
Instrument :
MSVOA_N
ClientSampleId :

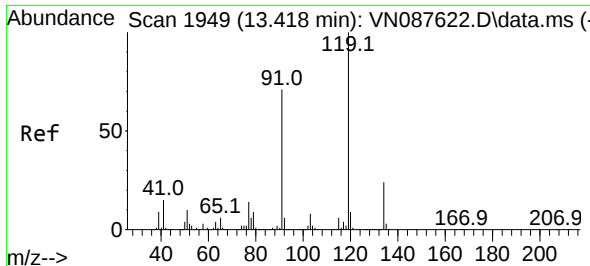
Tgt Ion: 75 Resp: 28031
Ion Ratio Lower Upper
75 100
53 104.8 101.8 152.6
89 48.3 35.6 53.4



#82
4-Chlorotoluene
Concen: 16.601 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

Tgt Ion: 91 Resp: 219802
Ion Ratio Lower Upper
91 100
126 34.5 15.6 46.8

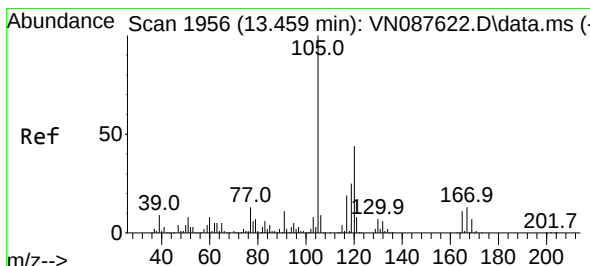
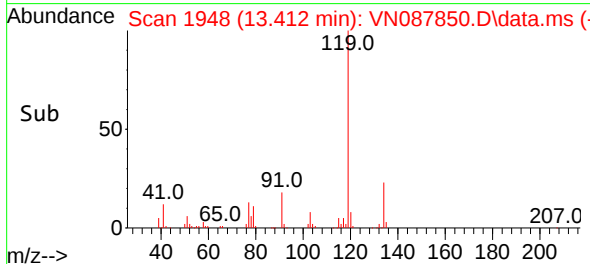
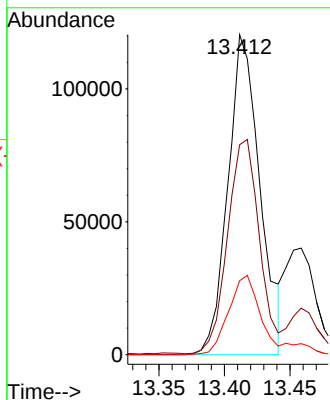
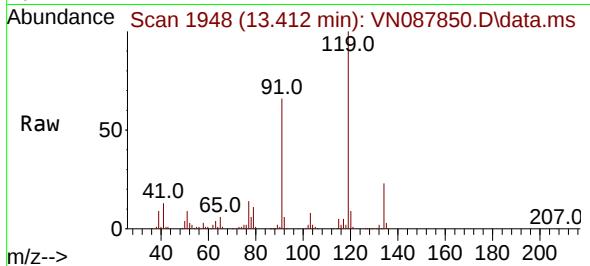




#83
 tert-Butylbenzene
 Concen: 17.041 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

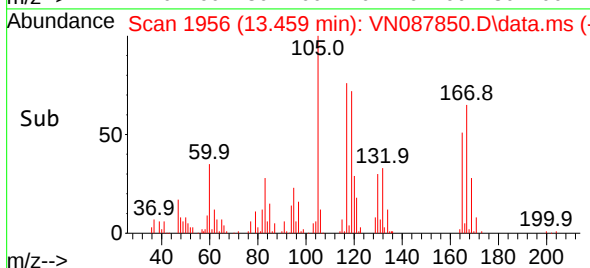
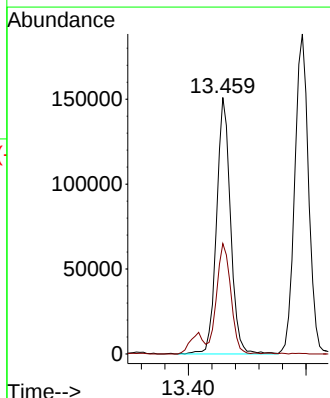
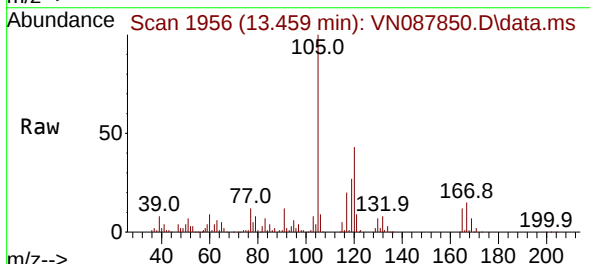
Instrument :
 MSVOA_N
 ClientSampleId :

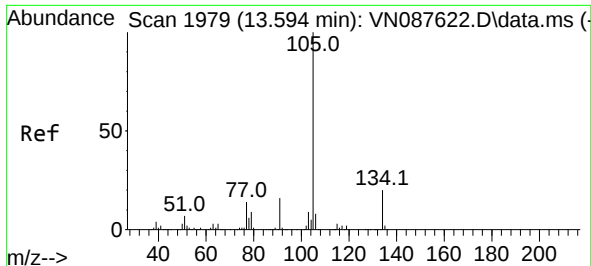
Tgt Ion:119 Resp: 204658
 Ion Ratio Lower Upper
 119 100
 91 66.5 35.0 105.0
 134 27.1 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.265 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Tgt Ion:105 Resp: 249090
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.0 66.0

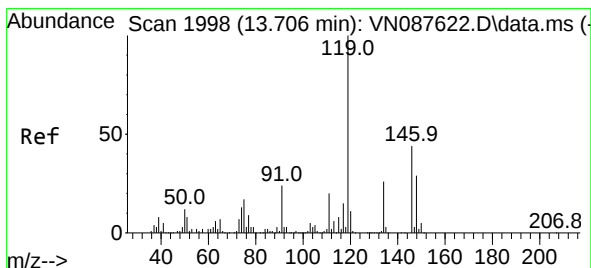
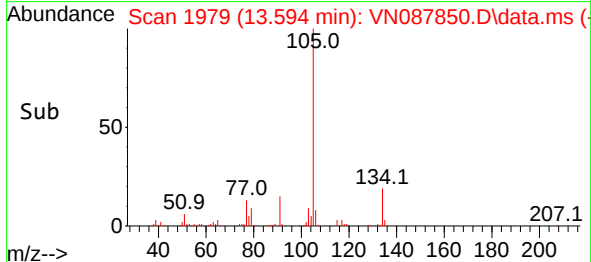
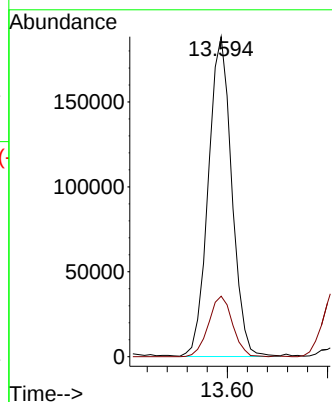
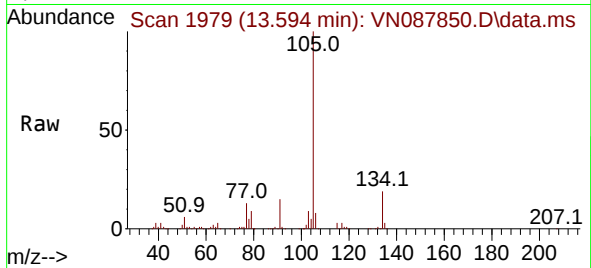




#85
 sec-Butylbenzene
 Concen: 17.183 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

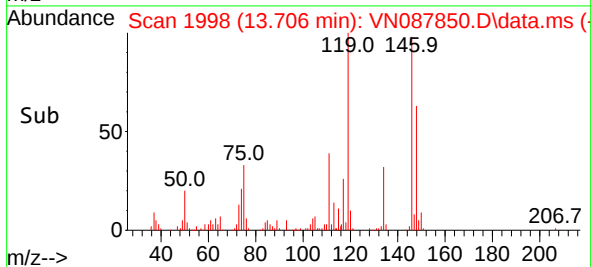
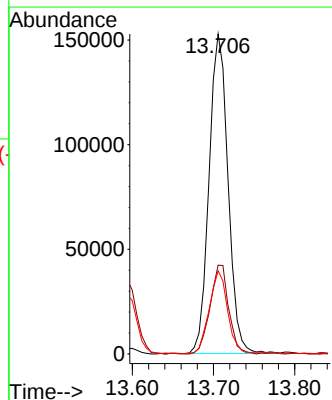
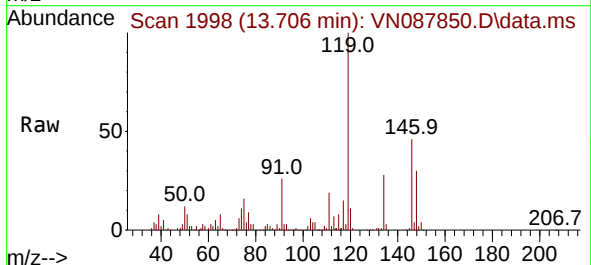
Instrument :
 MSVOA_N
 ClientSampleId :

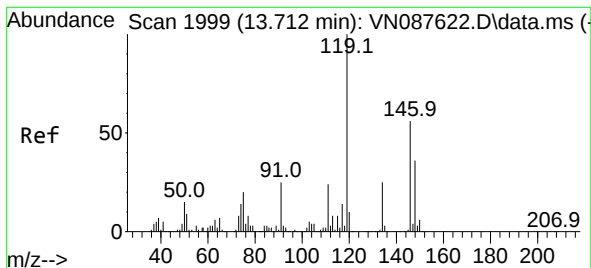
Tgt Ion:105 Resp: 306232
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 16.858 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087850.D
 Acq: 16 Sep 2025 15:25

Tgt Ion:119 Resp: 248091
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.7 38.0
 91 25.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 17.967 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087850.D

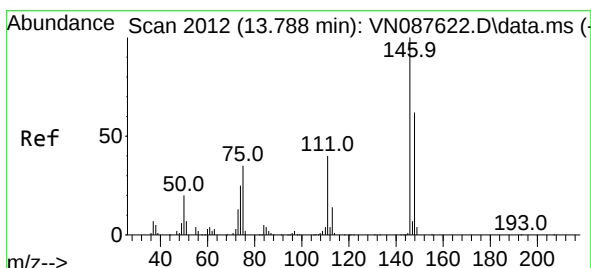
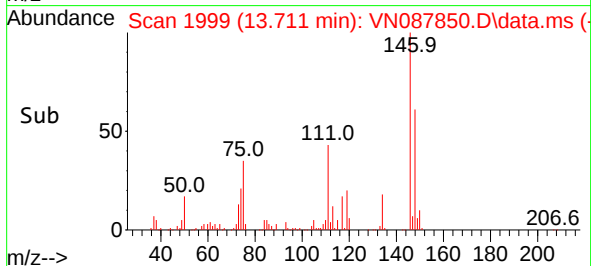
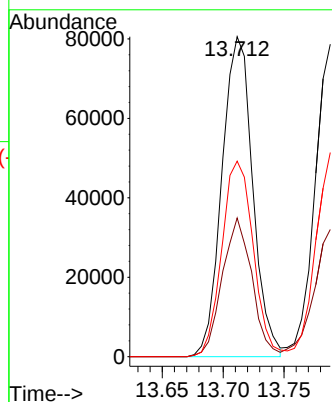
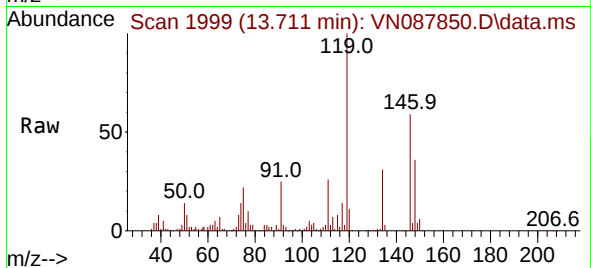
Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	141726
Ion Ratio	Lower	Upper	
146	100		
111	42.0	22.1	66.5
148	62.7	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 18.166 ug/l

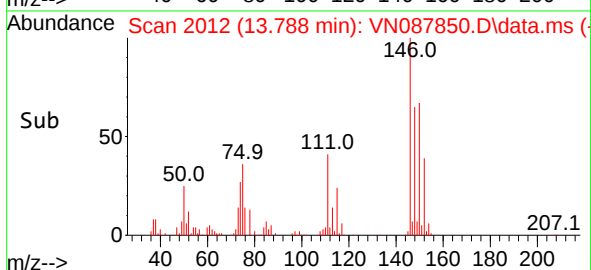
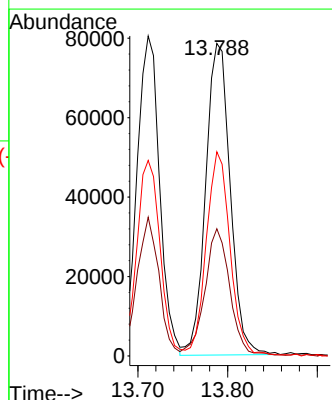
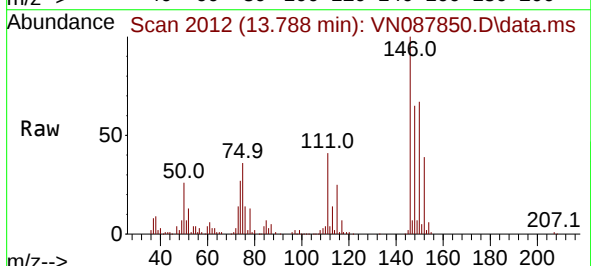
RT: 13.788 min Scan# 1212

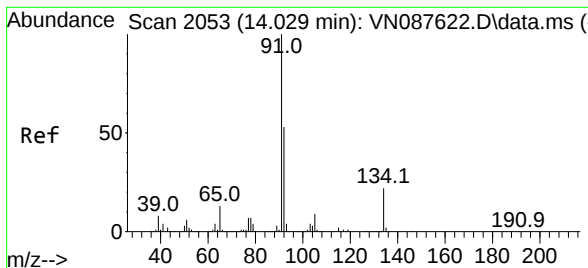
Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Tgt Ion:	146	Resp:	149128
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.0	63.0
148	62.9	32.0	96.0





#89

n-Butylbenzene

Concen: 16.391 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

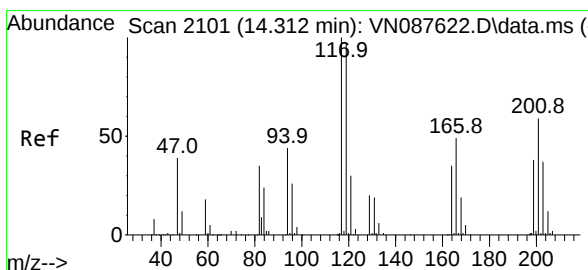
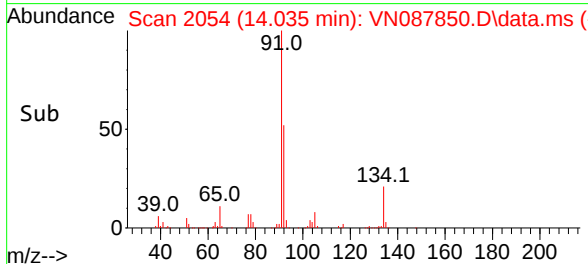
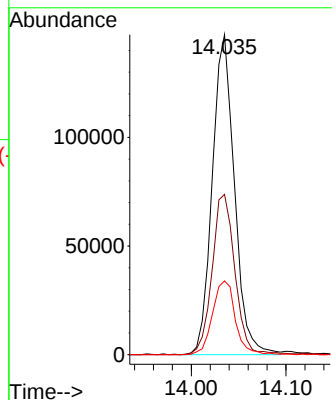
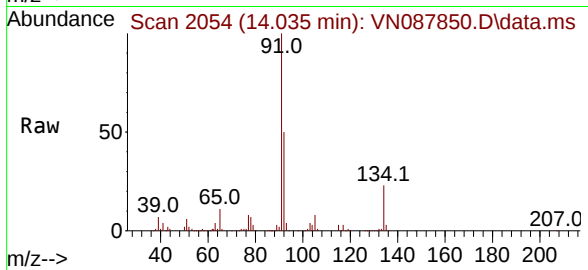
Tgt Ion: 91 Resp: 239567

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.8

134 23.8 11.7 35.0



#90

Hexachloroethane

Concen: 17.892 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087850.D

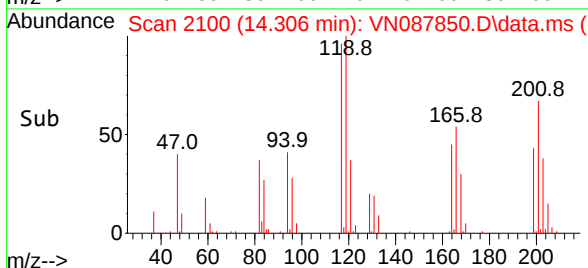
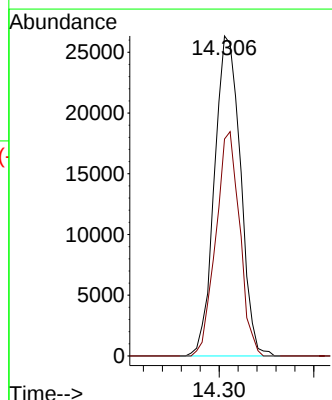
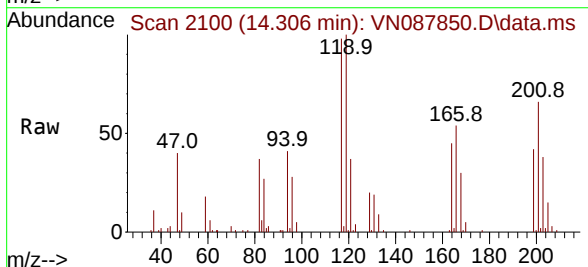
Acq: 16 Sep 2025 15:25

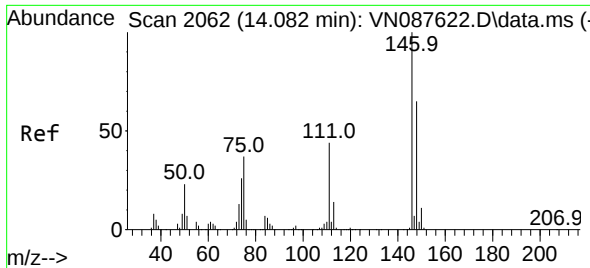
Tgt Ion: 117 Resp: 50166

Ion Ratio Lower Upper

117 100

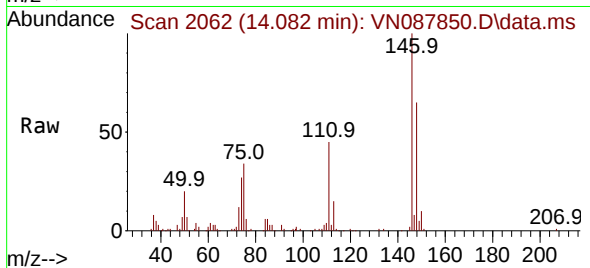
201 64.4 29.1 87.4



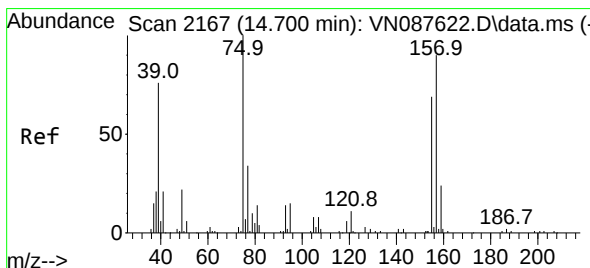
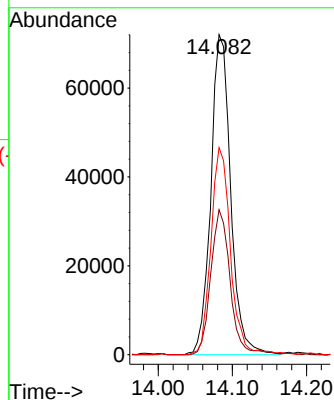
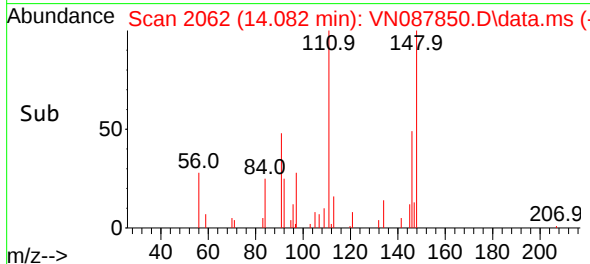


#91
1,2-Dichlorobenzene
Concen: 17.912 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25

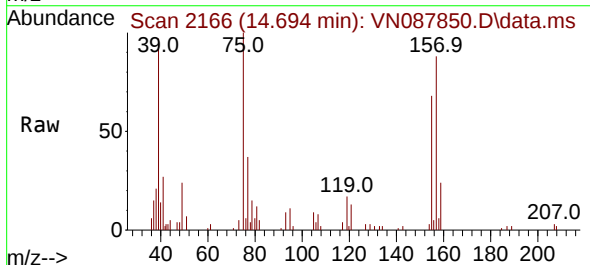
Instrument :
MSVOA_N
ClientSampleId :



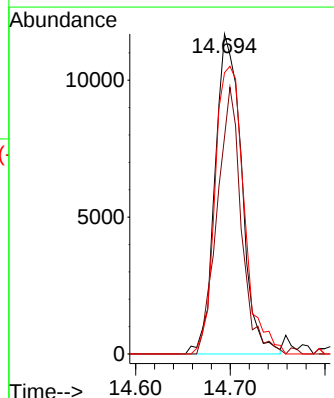
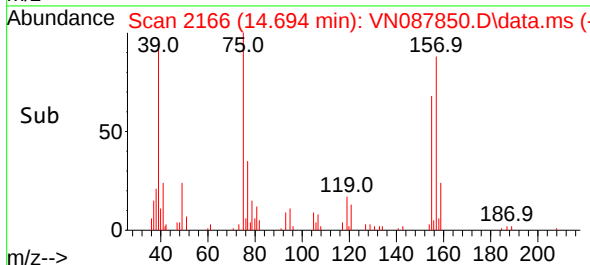
Tgt Ion:146 Resp: 134043
Ion Ratio Lower Upper
146 100
111 44.1 22.6 67.8
148 64.0 31.9 95.9

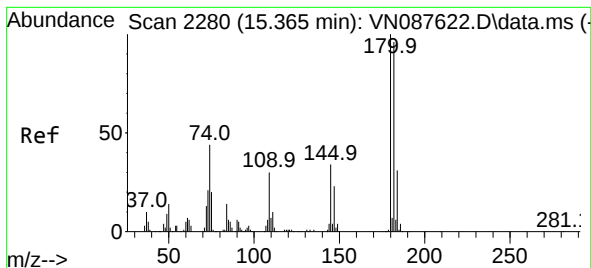


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.373 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087850.D
Acq: 16 Sep 2025 15:25



Tgt Ion: 75 Resp: 22750
Ion Ratio Lower Upper
75 100
155 76.2 36.6 109.9
157 98.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.006 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

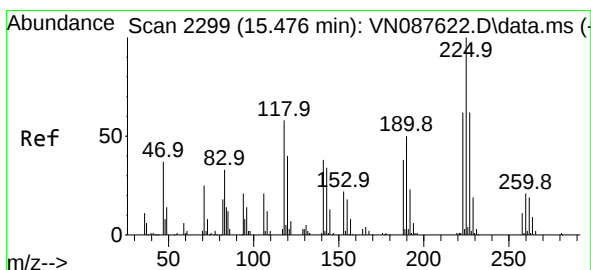
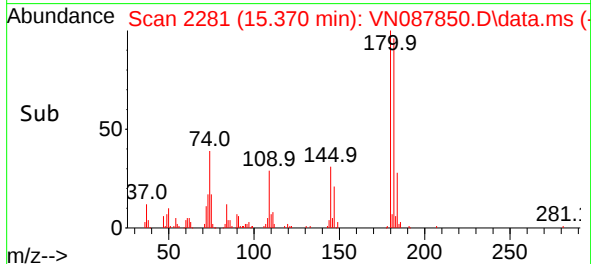
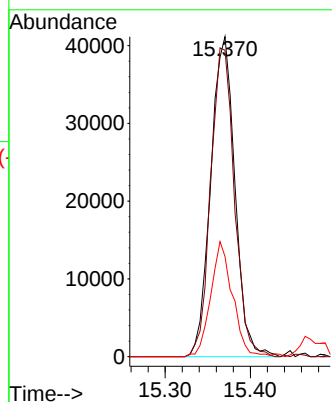
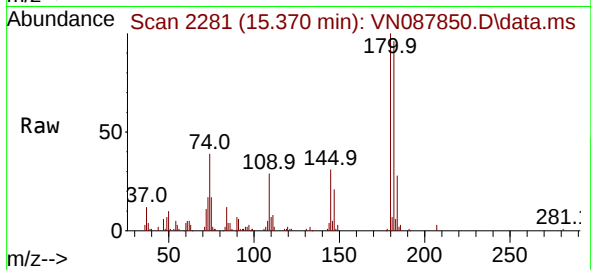
Tgt Ion:180 Resp: 80915

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 32.6 16.5 49.5



#94

Hexachlorobutadiene

Concen: 18.985 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

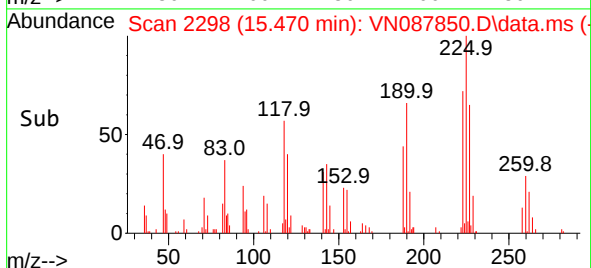
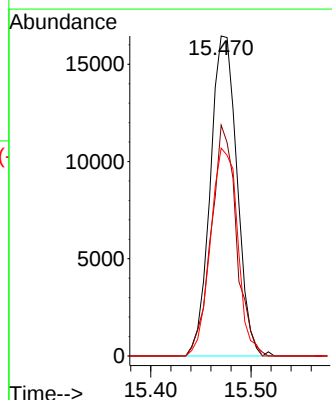
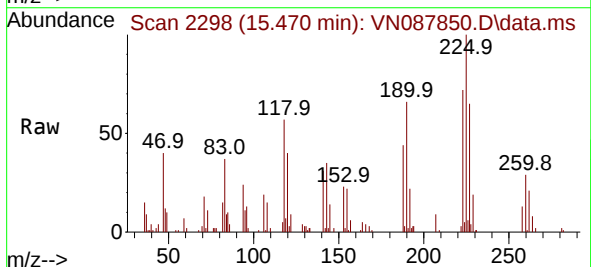
Tgt Ion:225 Resp: 30415

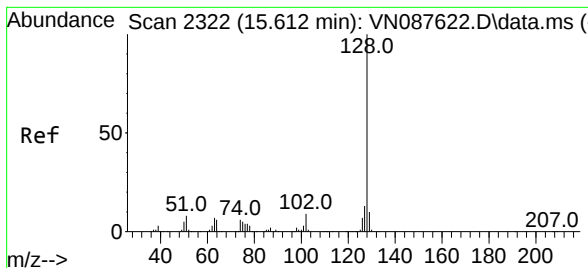
Ion Ratio Lower Upper

225 100

223 68.3 32.0 96.2

227 65.9 32.1 96.5





#95

Naphthalene

Concen: 16.332 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

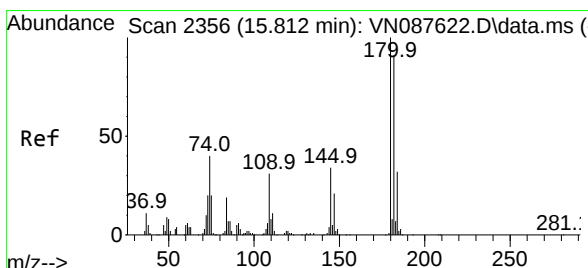
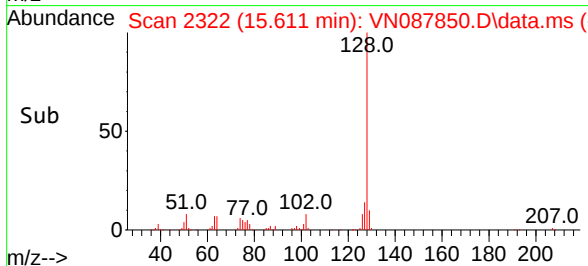
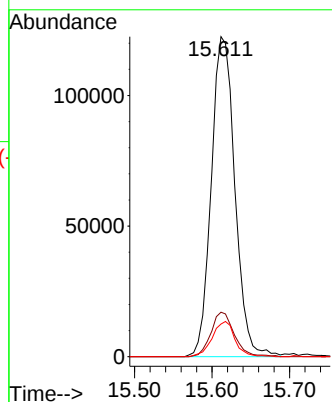
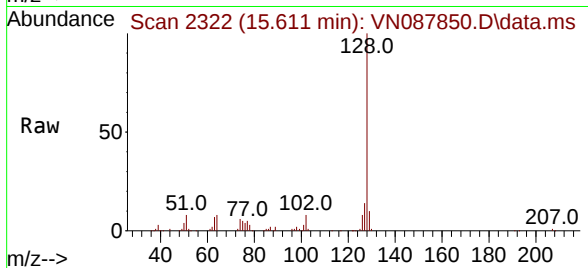
Tgt Ion:128 Resp: 259960

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.755 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087850.D

Acq: 16 Sep 2025 15:25

Tgt Ion:180 Resp: 78003

Ion Ratio Lower Upper

180 100

182 92.9 46.8 140.3

145 33.3 17.3 52.0

