

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087855.D
 Acq On : 16 Sep 2025 17:11
 Operator : JC\MD
 Sample : Q3109-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:24:22 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	8.212	168	207001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	471522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	231412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	192234	45.325	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.660%
35) Dibromofluoromethane	8.153	113	164014	48.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	10.547	98	598470	46.968	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.829	95	221635	48.910	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.820%

Target Compounds				Qvalue		
10) Methyl Iodide	4.583	142	69	6.838	ug/l #	38
11) Tert butyl alcohol	5.524	59	2156	2.928	ug/l #	71
13) Acrolein	4.141	56	17048	18.834	ug/l #	1
14) Allyl chloride	5.124	41	26473	4.895	ug/l #	65
15) Acrylonitrile	5.794	53	52596	25.329	ug/l #	42
16) Acetone	4.424	43	72382	31.351	ug/l #	61
17) Carbon Disulfide	4.706	76	2806	0.342	ug/l #	74
20) Methylene Chloride	5.259	84	6331	0.671	ug/l #	1
23) Vinyl Acetate	6.647	43	17116	1.612	ug/l #	72
24) 1,1-Dichloroethane	6.641	63	5996	0.937	ug/l #	82
25) 2-Butanone	7.482	43	11873	3.909	ug/l #	64
26) 2,2-Dichloropropane	7.312	77	23101	4.206	ug/l #	54
28) Bromochloromethane	7.988	49	2948	0.953	ug/l #	19
29) Tetrahydrofuran	7.829	42	1930	0.987	ug/l #	34
30) Chloroform	7.924	83	33472	5.125	ug/l #	19
31) Cyclohexane	8.241	56	1315630	246.620	ug/l	91
36) 1,1-Dichloropropene	8.206	75	20663	3.956	ug/l #	50
37) Ethyl Acetate	7.482	43	11873	1.664	ug/l #	72
38) Carbon Tetrachloride	8.200	117	23822	4.620	ug/l #	14
39) Methylcyclohexane	9.582	83	646552	112.444	ug/l	95
40) Benzene	8.588	78	138853	8.668	ug/l	94
41) Methacrylonitrile	7.729	41	3508	0.949	ug/l #	43
43) Isopropyl Acetate	8.682	43	71878	6.451	ug/l #	58
45) 1,2-Dichloropropane	9.571	63	11165	2.644	ug/l #	1
47) Bromodichloromethane	9.859	83	9287	1.508	ug/l #	23
48) Methyl methacrylate	9.576	41	401726	76.223	ug/l #	76
51) 4-Methyl-2-Pentanone	10.429	43	1818	0.270	ug/l #	57
52) Toluene	10.612	92	37801	3.806	ug/l	98
55) 1,1,2-Trichloroethane	10.982	97	45099	11.739	ug/l #	17
56) Ethyl methacrylate	10.823	69	2479	0.404	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.141	63	1623	0.488	ug/l #	49
67) Ethyl Benzene	11.935	91	20587447	1064.553	ug/l #	49
68) m/p-Xylenes	12.053	106	505131	71.221	ug/l	98
69) o-Xylene	12.376	106	81311	11.698	ug/l	96
70) Styrene	12.382	104	8187	0.703	ug/l #	1
73) Isopropylbenzene	12.670	105	1402638	75.009	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087855.D
 Acq On : 16 Sep 2025 17:11
 Operator : JC\MD
 Sample : Q3109-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:24:22 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)	

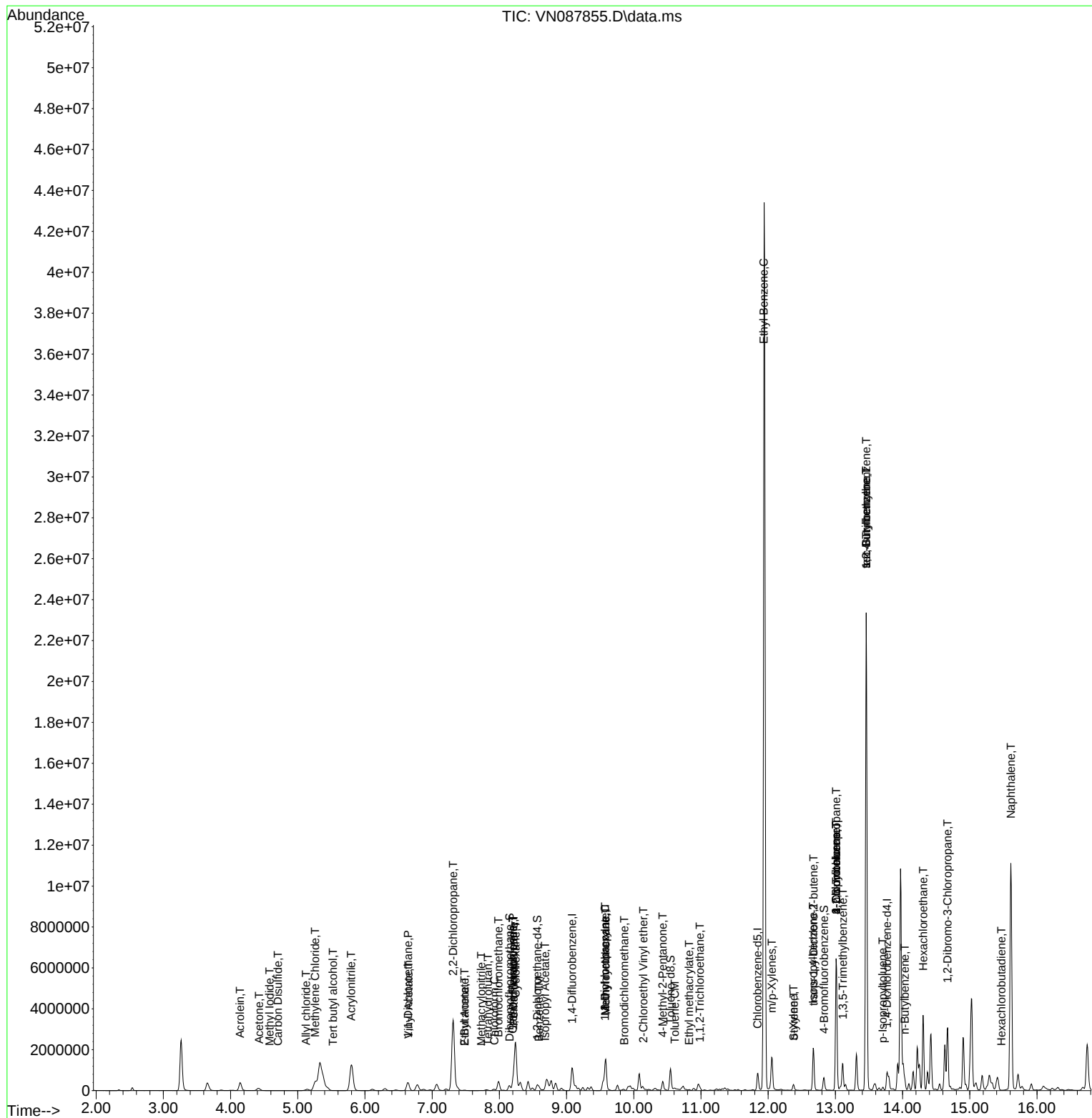
76) 1,2,3-Trichloropropane	13.012	75	33647	6.200	ug/l	#	1
78) n-propylbenzene	13.012	91	5127514	222.613	ug/l		99
79) 2-Chlorotoluene	13.012	91	5127514	369.922	ug/l	#	42
80) 1,3,5-Trimethylbenzene	13.111	105	962548	60.678	ug/l		70
81) trans-1,4-Dichloro-2-b...	12.676	75	18565	9.057	ug/l	#	55
82) 4-Chlorotoluene	13.012	91	5127514	351.840	ug/l	#	43
83) tert-Butylbenzene	13.459	119	1556916	117.777	ug/l	#	68
84) 1,2,4-Trimethylbenzene	13.459	105	12558281	790.823	ug/l		97
85) sec-Butylbenzene	13.459	105	12558281	640.174	ug/l	#	58
86) p-Isopropyltoluene	13.706	119	83334	5.144	ug/l	#	75
89) n-Butylbenzene	14.035	91	300086	18.653	ug/l	#	81
90) Hexachloroethane	14.306	117	186144	60.316	ug/l	#	22
92) 1,2-Dibromo-3-Chloropr...	14.670	75	15128	9.892	ug/l	#	8
94) Hexachlorobutadiene	15.470	225	479	0.272	ug/l	#	31
95) Naphthalene	15.611	128	10096091	576.249	ug/l		100

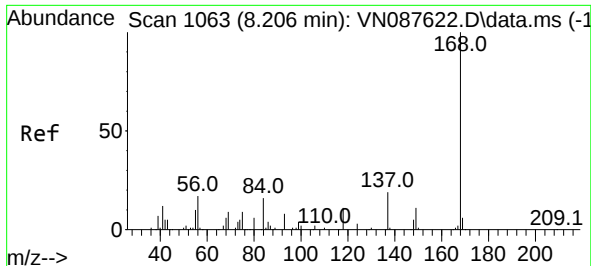
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087855.D
Acq On : 16 Sep 2025 17:11
Operator : JC\MD
Sample : Q3109-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 17 01:24:22 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

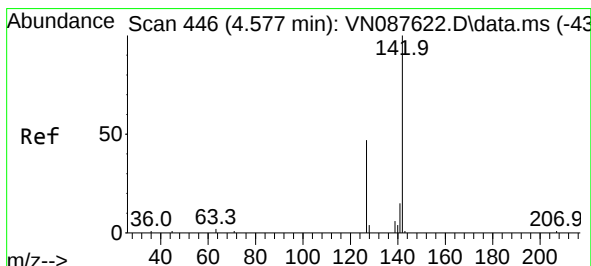
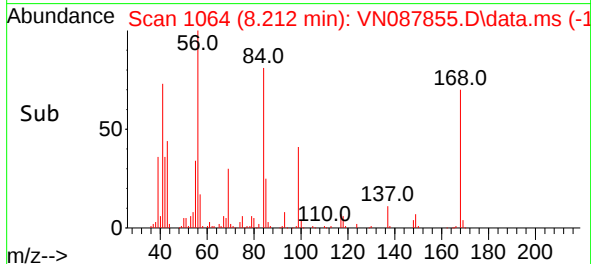
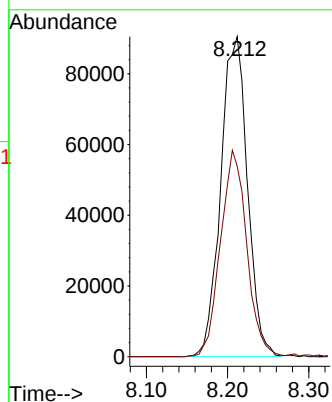
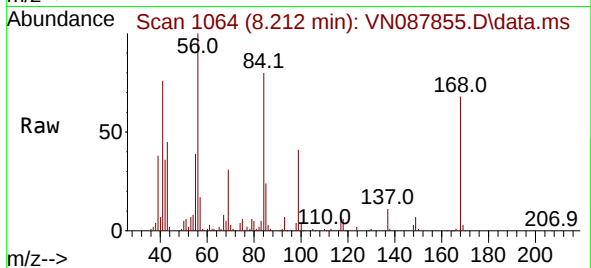




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

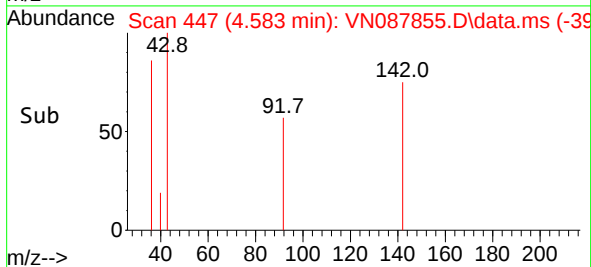
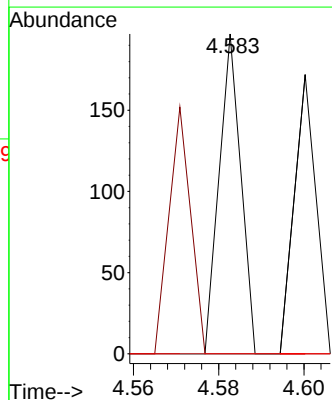
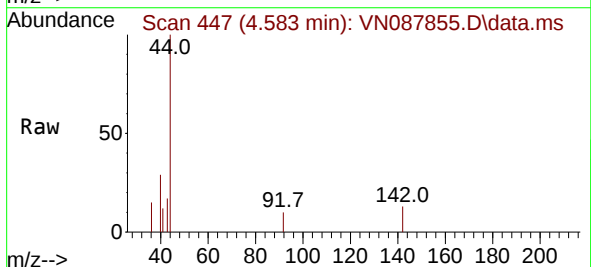
Instrument :
MSVOA_N
ClientSampleId :

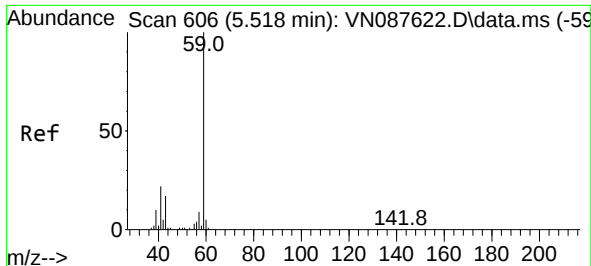
Tgt Ion:168 Resp: 207001
Ion Ratio Lower Upper
168 100
99 59.6 57.2 85.8



#10
Methyl Iodide
Concen: 6.838 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#

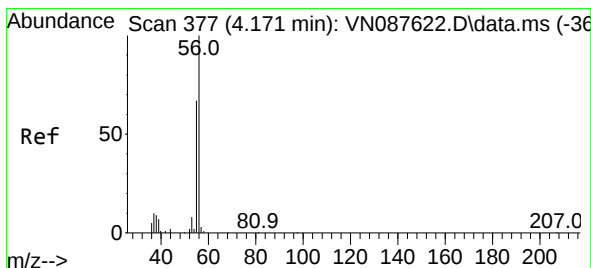
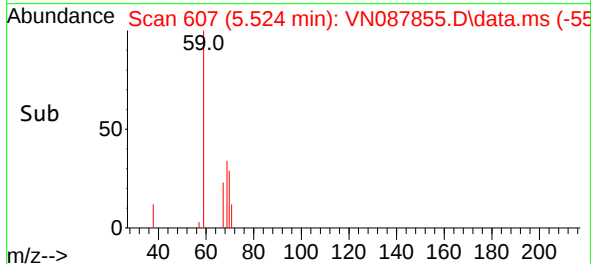
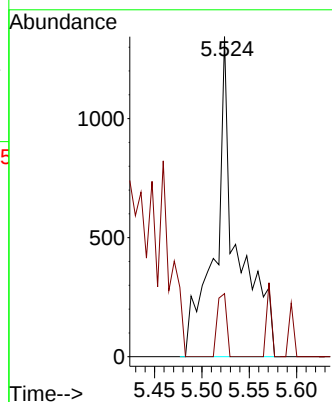
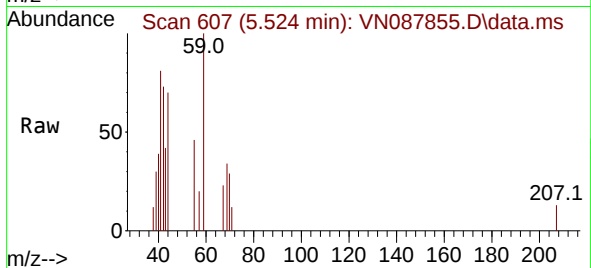




#11
Tert butyl alcohol
Concen: 2.928 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

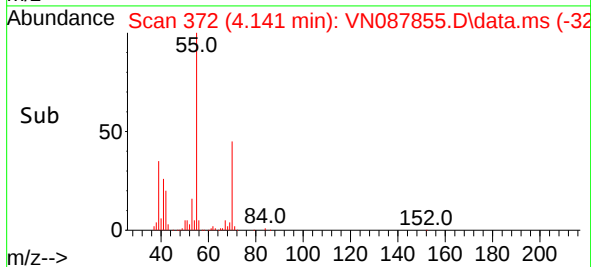
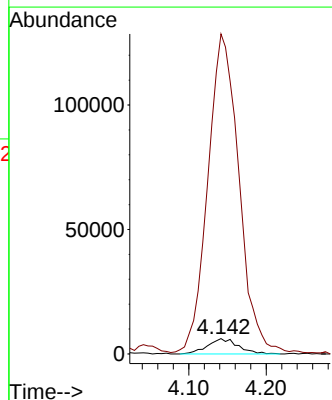
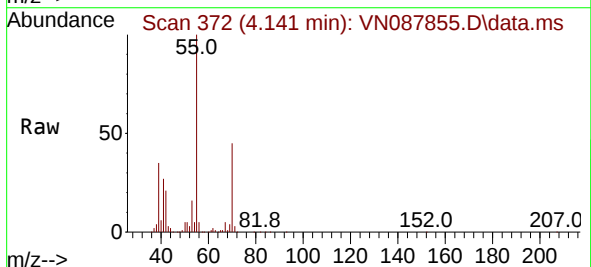
Instrument :
MSVOA_N
ClientSampleId :

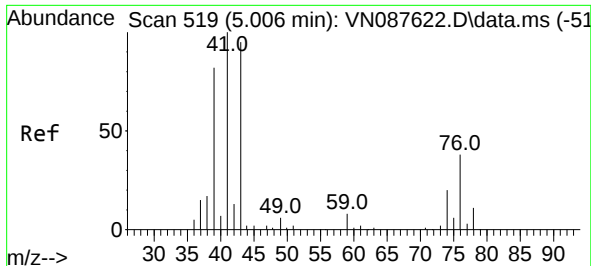
Tgt Ion: 59 Resp: 2156
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#13
Acrolein
Concen: 18.834 ug/l
RT: 4.141 min Scan# 372
Delta R.T. -0.030 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

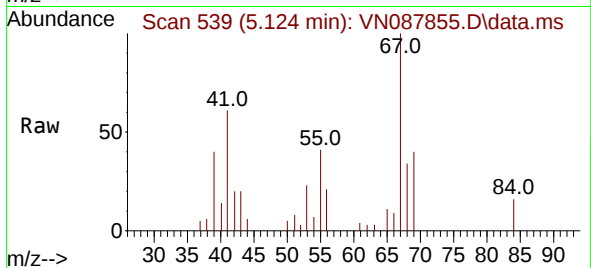
Tgt Ion: 56 Resp: 17048
Ion Ratio Lower Upper
56 100
55 2101.0 57.3 85.9#



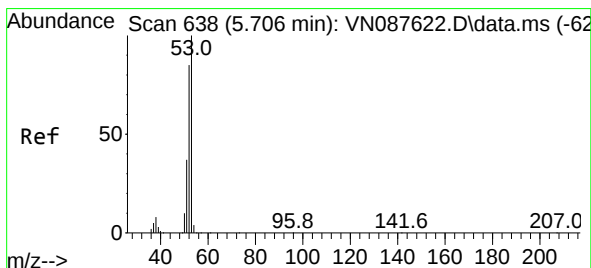
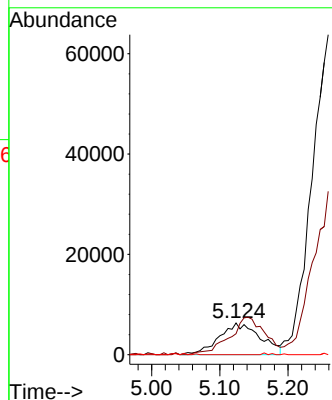
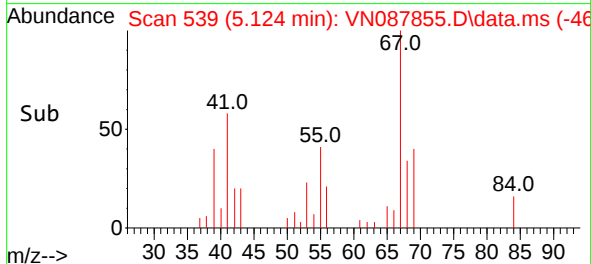


#14
 Allyl chloride
 Concen: 4.895 ug/l
 RT: 5.124 min Scan# 519
 Delta R.T. 0.117 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

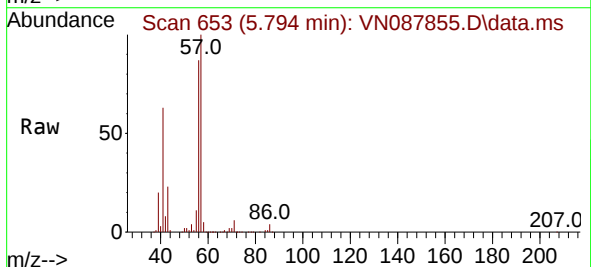
Instrument :
 MSVOA_N
 ClientSampleId :



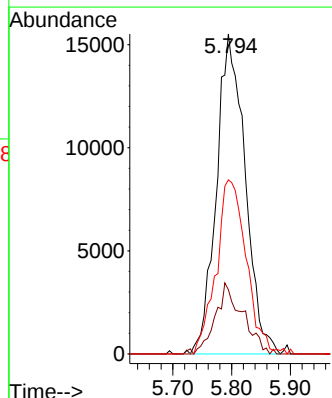
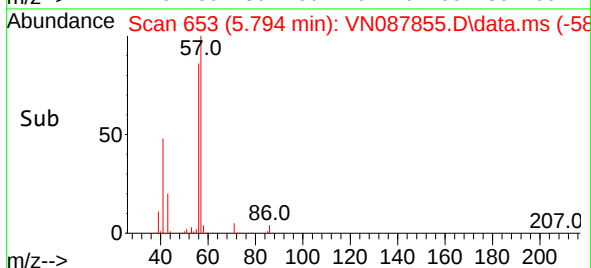
Tgt Ion: 41 Resp: 26473
 Ion Ratio Lower Upper
 41 100
 39 101.1 63.9 95.9#
 76 0.0 28.1 42.1#

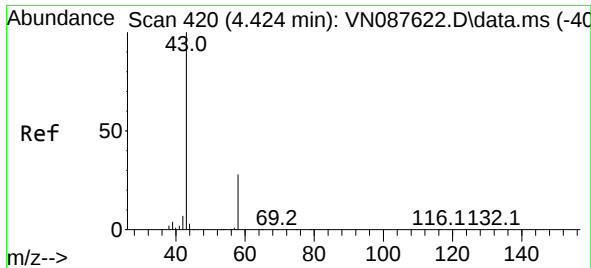


#15
 Acrylonitrile
 Concen: 25.329 ug/l
 RT: 5.794 min Scan# 653
 Delta R.T. 0.088 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11



Tgt Ion: 53 Resp: 52596
 Ion Ratio Lower Upper
 53 100
 52 21.0 67.6 101.4#
 51 56.6 30.1 45.1#

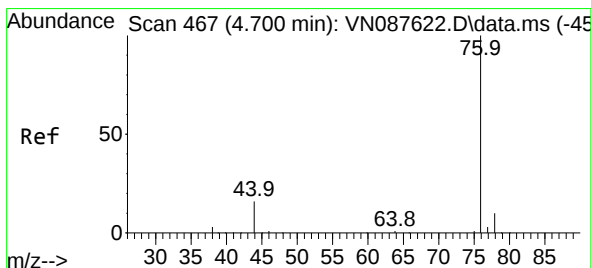
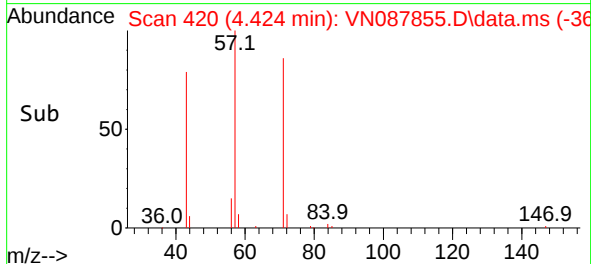
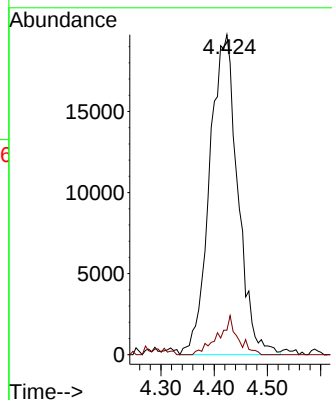
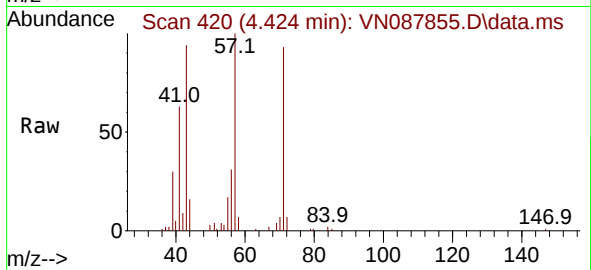




#16
Acetone
Concen: 31.351 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

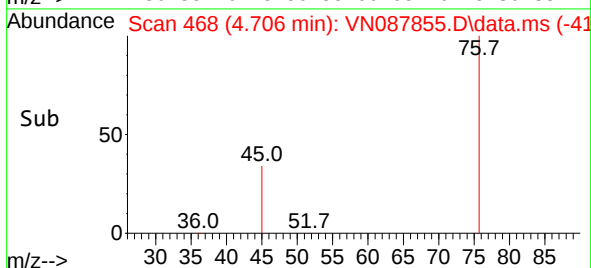
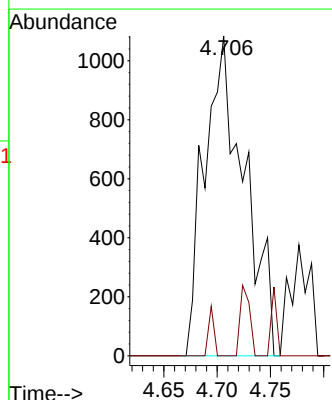
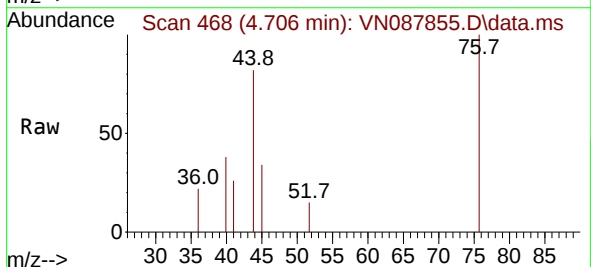
Instrument :
MSVOA_N
ClientSampleId :

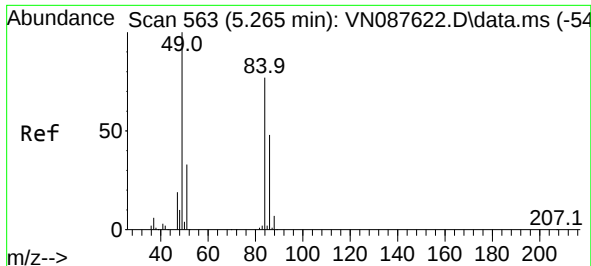
Tgt Ion: 43 Resp: 72382
Ion Ratio Lower Upper
43 100
58 7.6 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.342 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

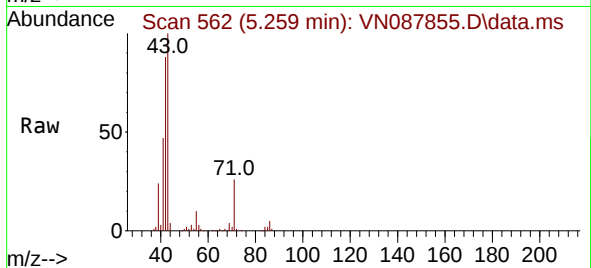
Tgt Ion: 76 Resp: 2806
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



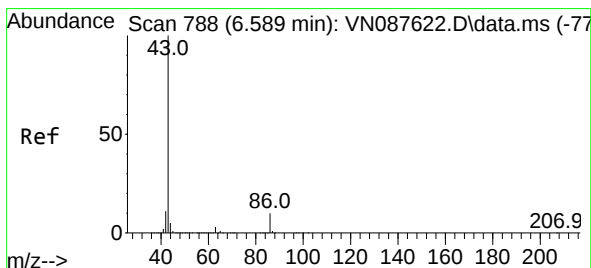
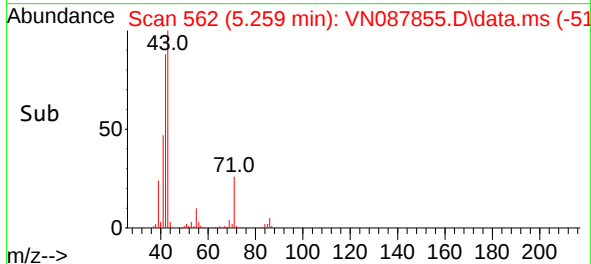
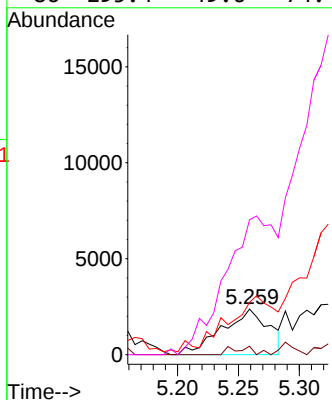


#20
Methylene Chloride
Concen: 0.671 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :

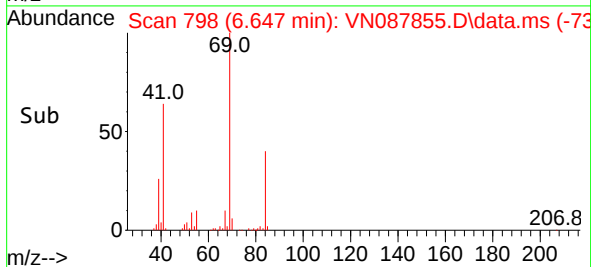
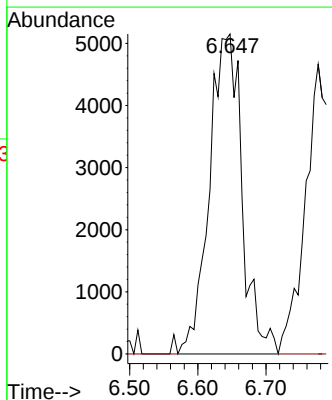
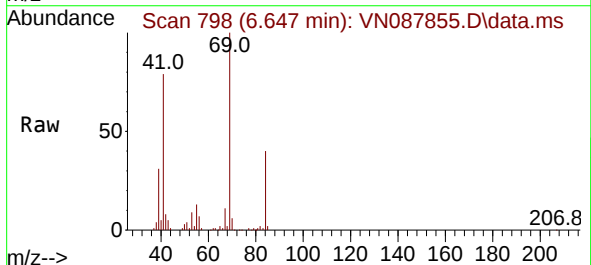


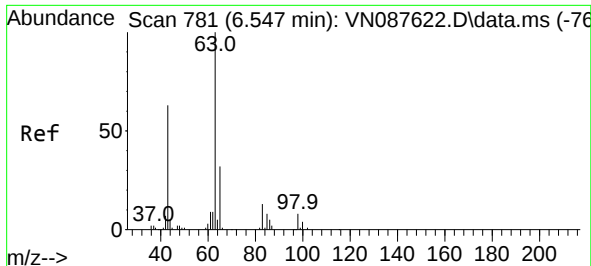
Tgt Ion: 84 Resp: 6331
Ion Ratio Lower Upper
84 100
49 18.5 103.4 155.2#
51 108.1 33.8 50.8#
86 295.4 49.6 74.4#



#23
Vinyl Acetate
Concen: 1.612 ug/l
RT: 6.647 min Scan# 798
Delta R.T. 0.059 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 43 Resp: 17116
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

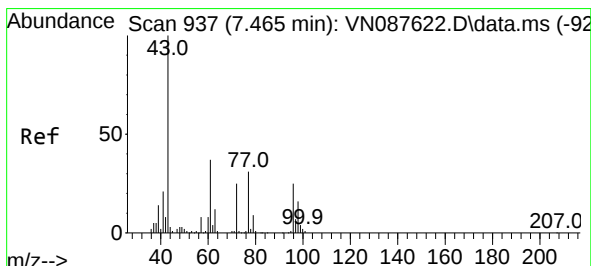
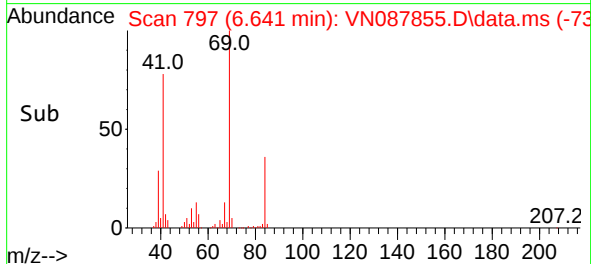
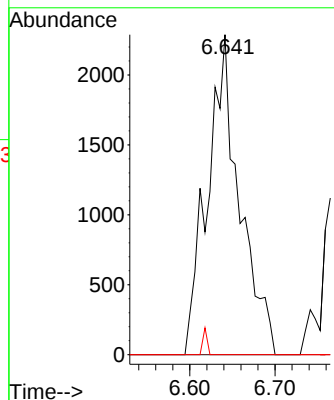
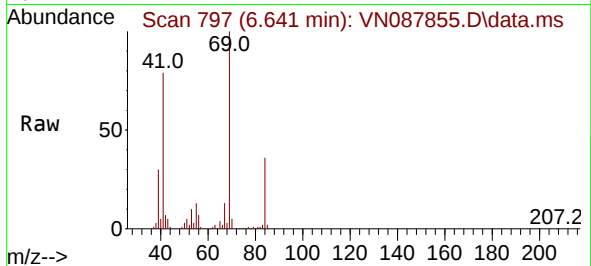




#24
1,1-Dichloroethane
Concen: 0.937 ug/l
RT: 6.641 min Scan# 797
Delta R.T. 0.094 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

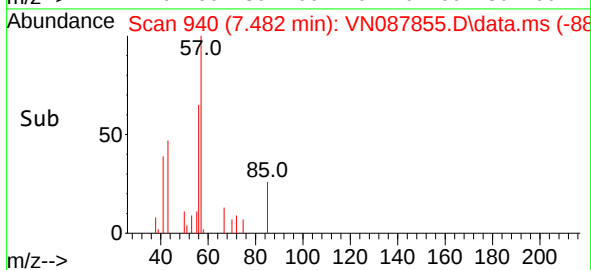
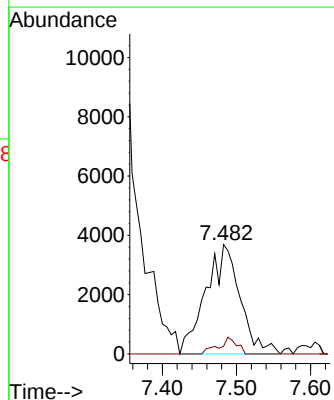
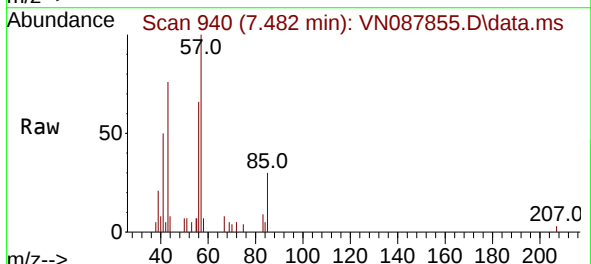
Instrument :
MSVOA_N
ClientSampleId :

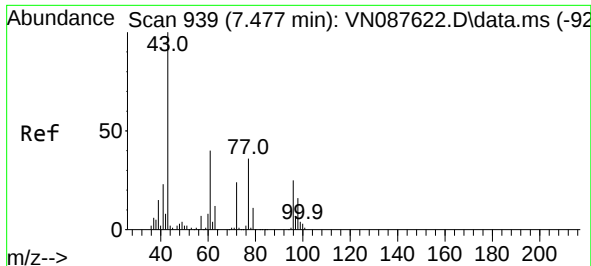
Tgt Ion: 63 Resp: 5996
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.4#
100 0.0 2.0 6.0#



#25
2-Butanone
Concen: 3.909 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.017 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 43 Resp: 11873
Ion Ratio Lower Upper
43 100
72 7.0 19.9 29.9#

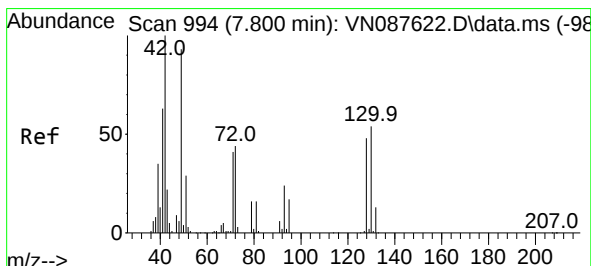
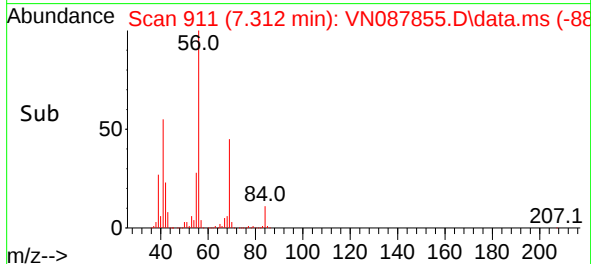
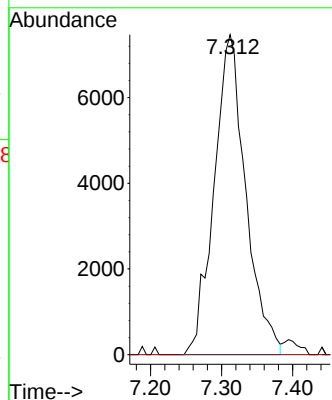
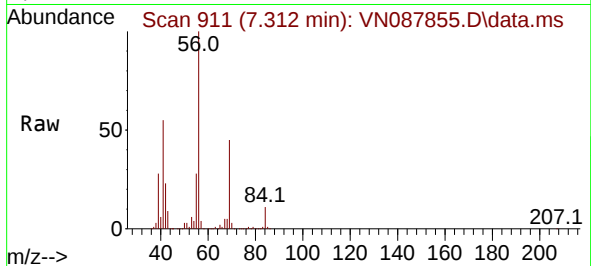




#26
2,2-Dichloropropane
Concen: 4.206 ug/l
RT: 7.312 min Scan# 91
Delta R.T. -0.165 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

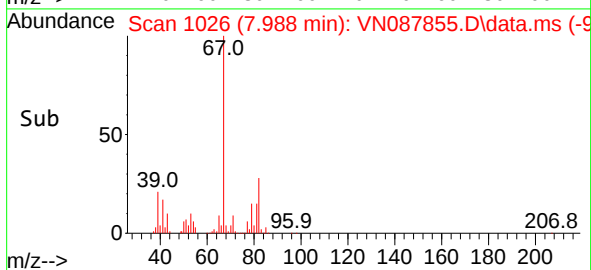
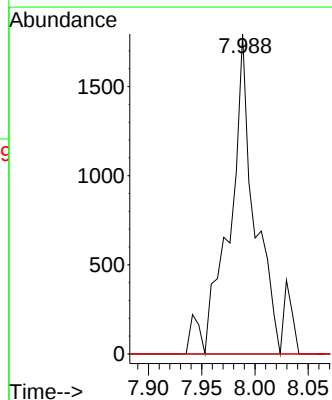
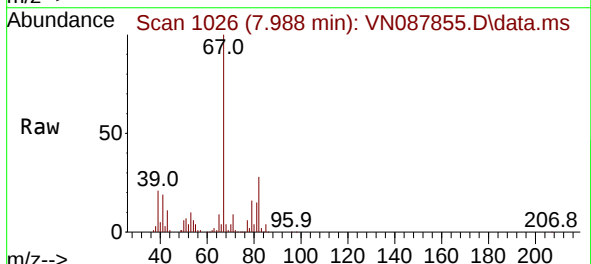
Instrument :
MSVOA_N
ClientSampleId :

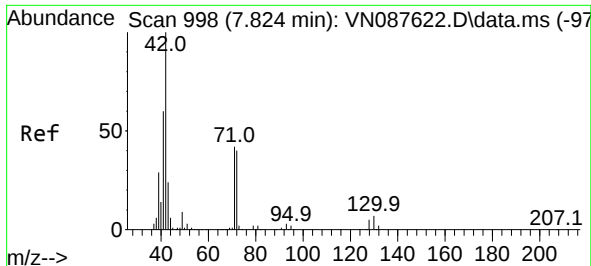
Tgt Ion: 77 Resp: 23101
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.7#



#28
Bromochloromethane
Concen: 0.953 ug/l
RT: 7.988 min Scan# 1026
Delta R.T. 0.188 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 49 Resp: 2948
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 0.0 53.1 79.7#





#29

Tetrahydrofuran

Concen: 0.987 ug/l

RT: 7.829 min Scan# 998

Delta R.T. 0.006 min

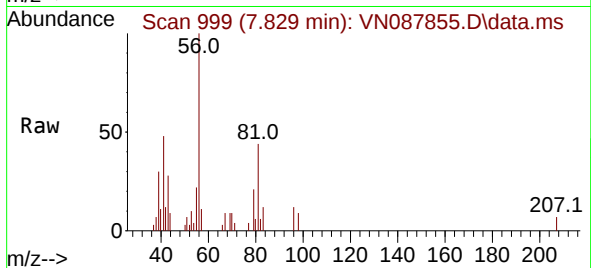
Lab File: VN087855.D

Acq: 16 Sep 2025 17:11

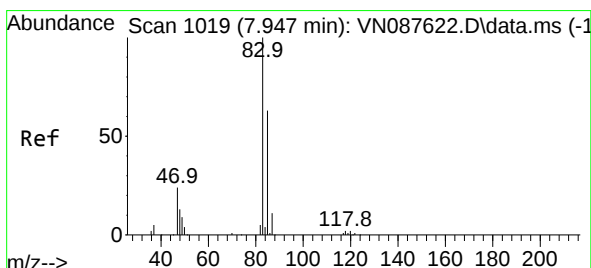
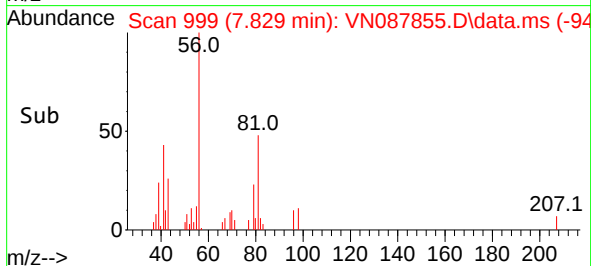
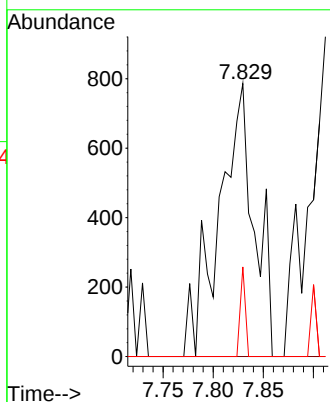
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1930
Ion Ratio	Lower	Upper	
42	100		
72	0.0	33.7	50.5#
71	0.0	31.9	47.9#



#30

Chloroform

Concen: 5.125 ug/l

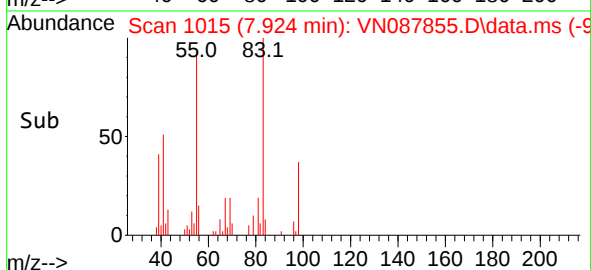
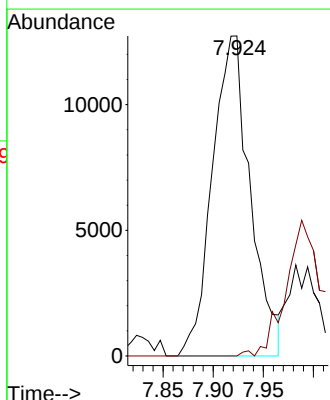
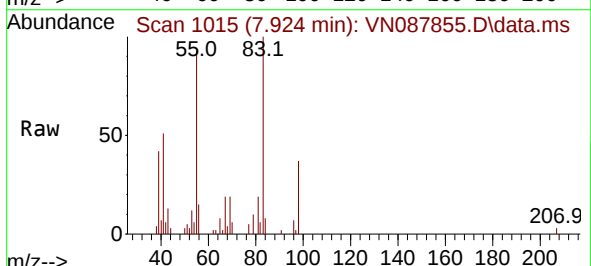
RT: 7.924 min Scan# 1015

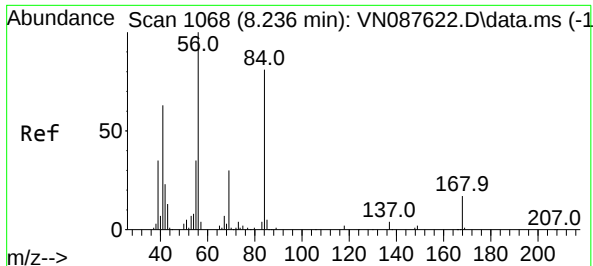
Delta R.T. -0.024 min

Lab File: VN087855.D

Acq: 16 Sep 2025 17:11

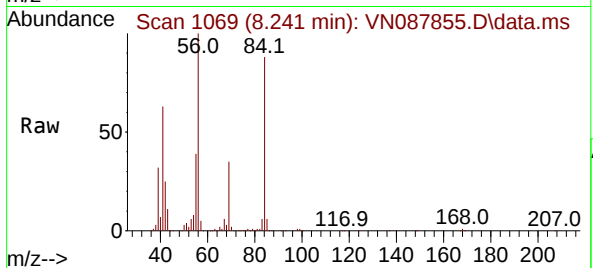
Tgt Ion:	83	Resp:	33472
Ion Ratio	Lower	Upper	
83	100		
85	0.0	50.7	76.1#



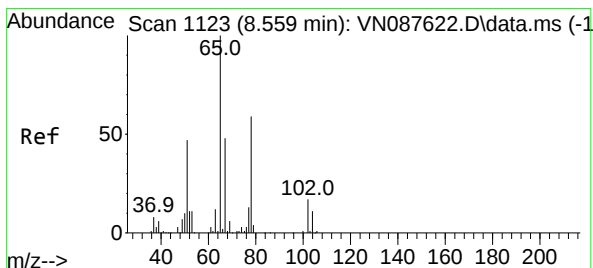
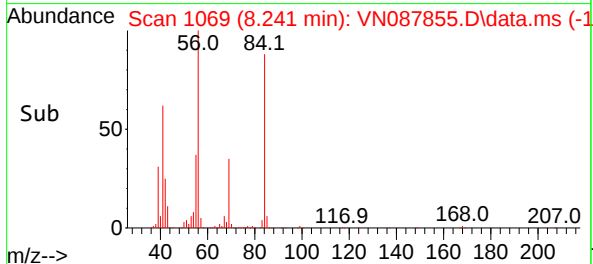
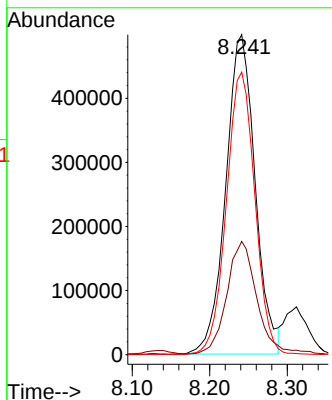


#31
Cyclohexane
Concen: 246.620 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :

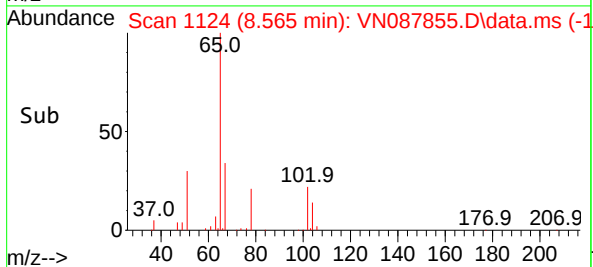
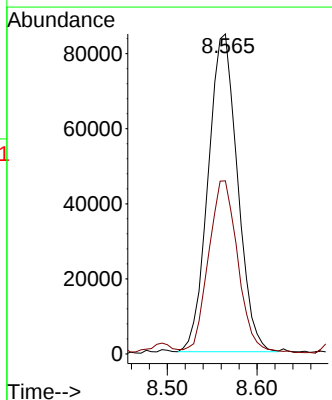
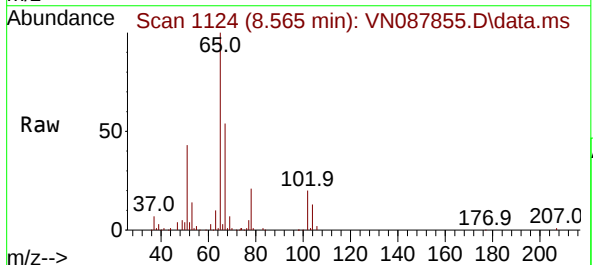


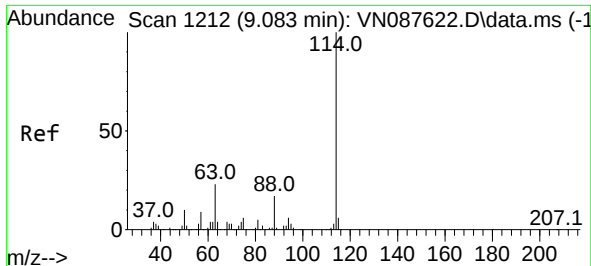
Tgt Ion: 56 Resp: 1315630
Ion Ratio Lower Upper
56 100
69 35.0 23.7 35.5
84 88.4 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 45.325 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

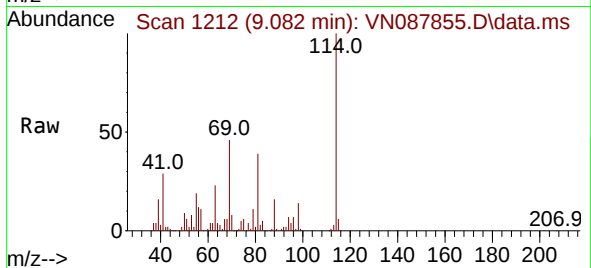
Tgt Ion: 65 Resp: 192234
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.0



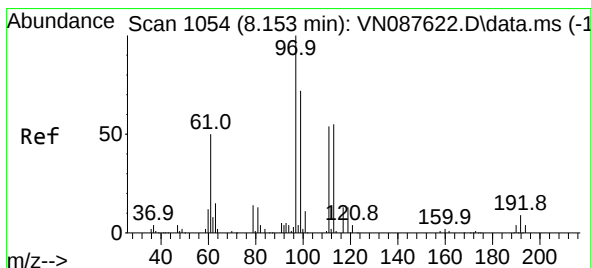
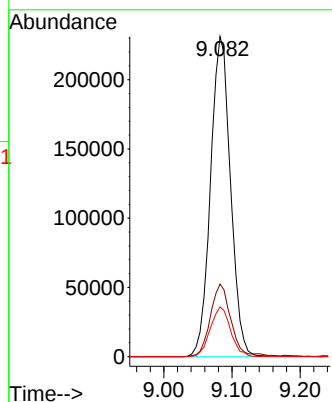
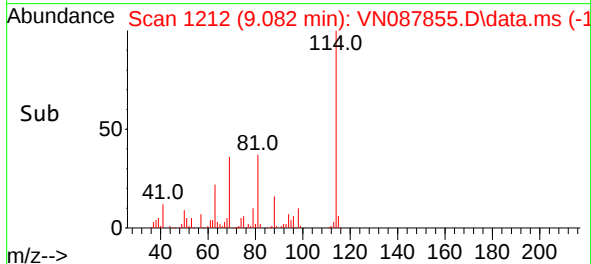


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

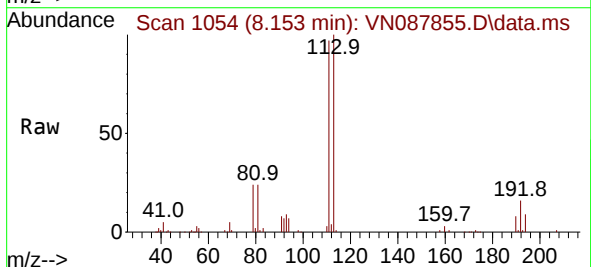
Instrument :
MSVOA_N
ClientSampleId :



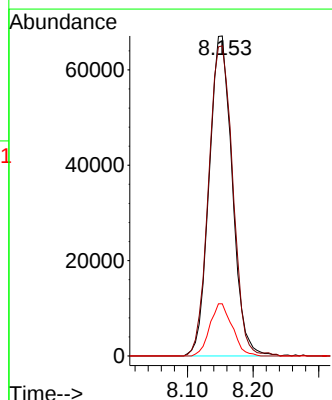
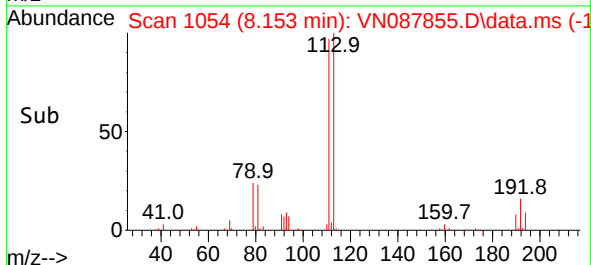
Tgt Ion:114 Resp: 471522
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.2
88 15.6 0.0 33.4

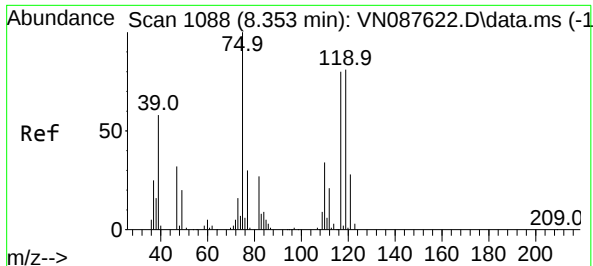


#35
Dibromofluoromethane
Concen: 48.177 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11



Tgt Ion:113 Resp: 164014
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 15.9 12.8 19.2





#36

1,1-Dichloropropene

Concen: 3.956 ug/l

RT: 8.206 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN087855.D

Acq: 16 Sep 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

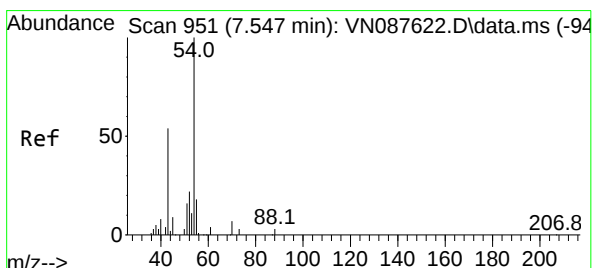
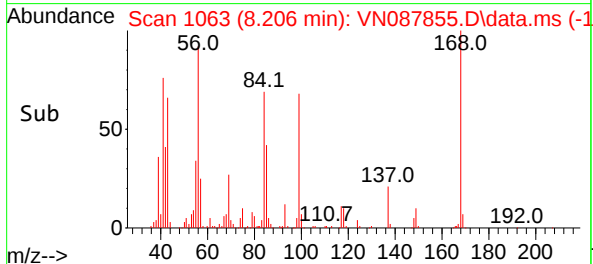
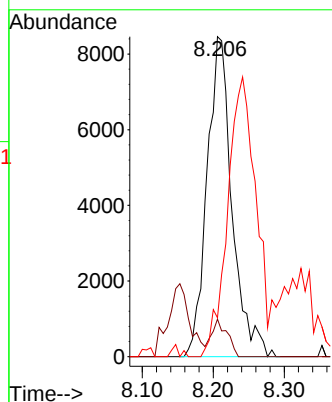
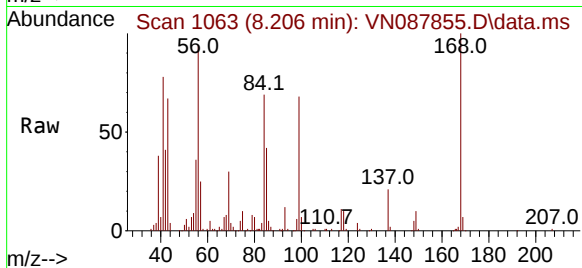
Tgt Ion: 75 Resp: 20663

Ion Ratio Lower Upper

75 100

110 7.3 15.9 47.6#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.664 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.065 min

Lab File: VN087855.D

Acq: 16 Sep 2025 17:11

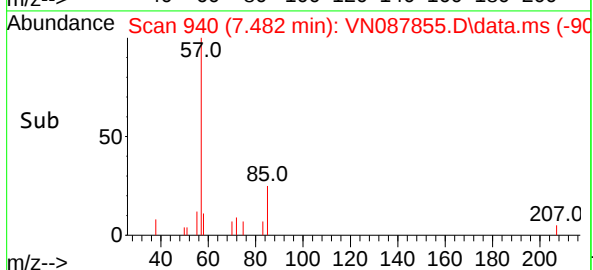
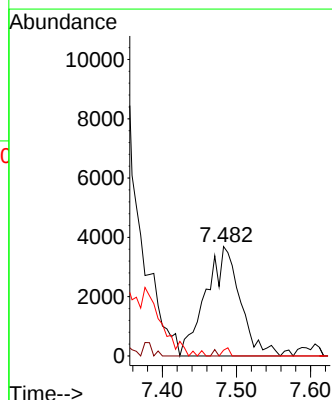
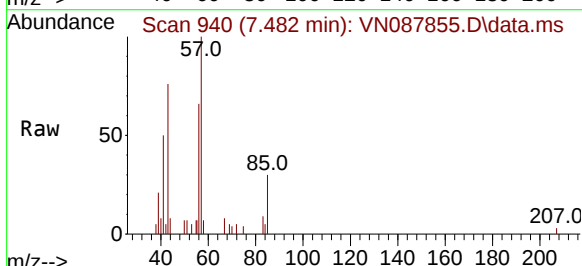
Tgt Ion: 43 Resp: 11873

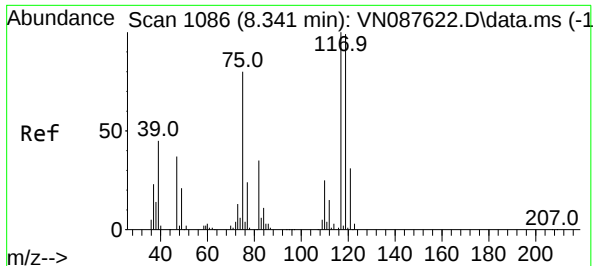
Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

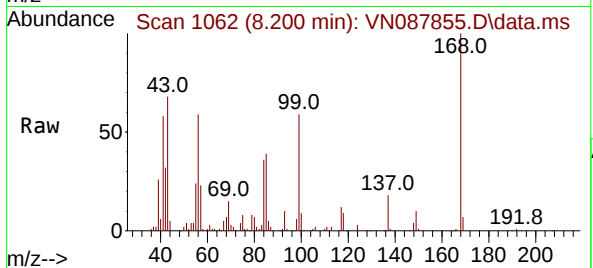
70 0.0 7.0 10.6#



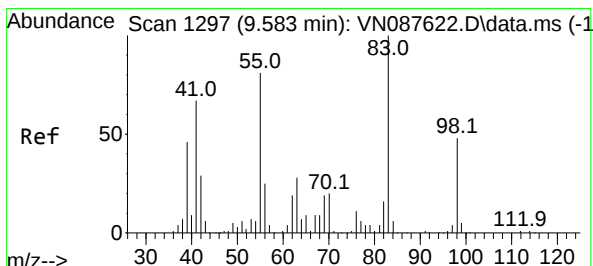
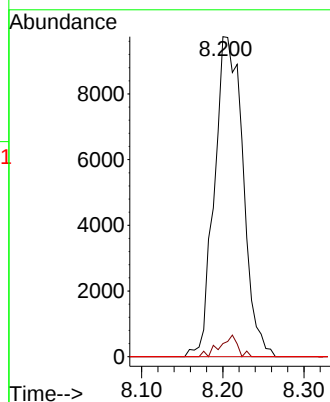
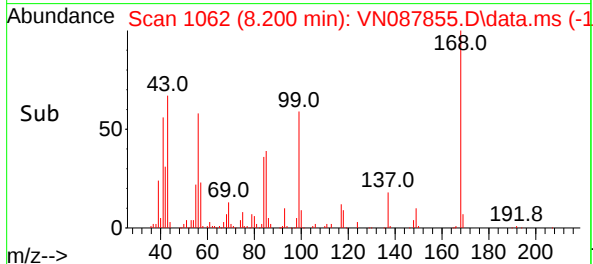


#38
Carbon Tetrachloride
Concen: 4.620 ug/l
RT: 8.200 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :

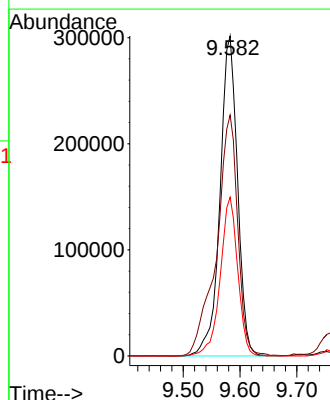
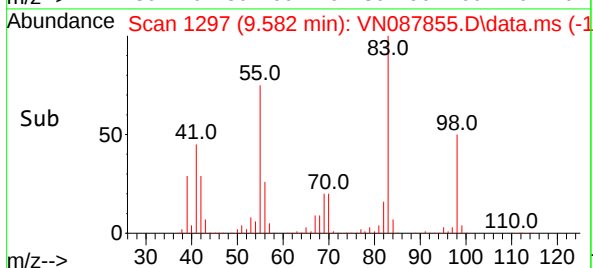
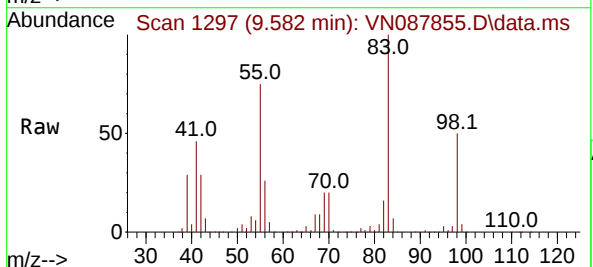


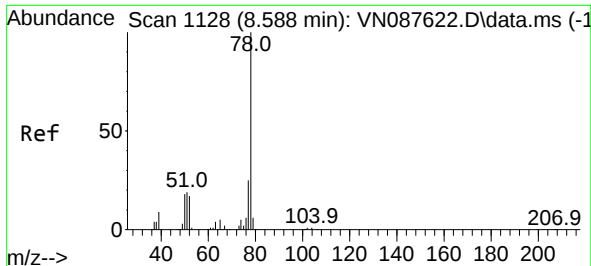
Tgt Ion:117 Resp: 23822
Ion Ratio Lower Upper
117 100
119 4.1 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 112.444 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 83 Resp: 646552
Ion Ratio Lower Upper
83 100
55 75.2 64.6 96.8
98 49.6 38.4 57.6

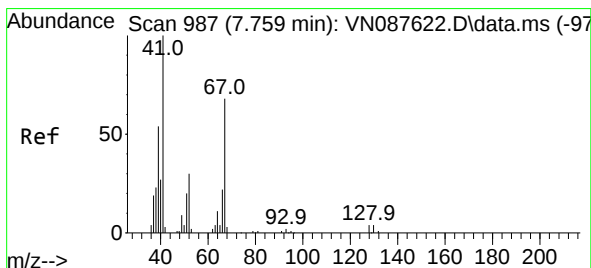
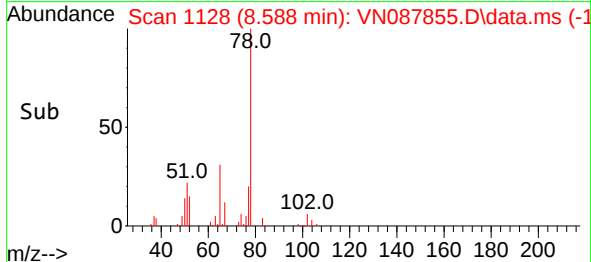
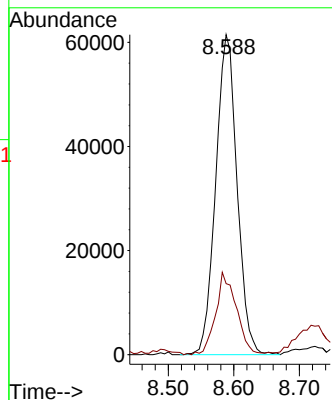
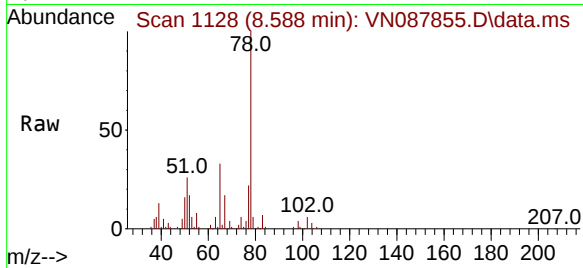




#40
Benzene
Concen: 8.668 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

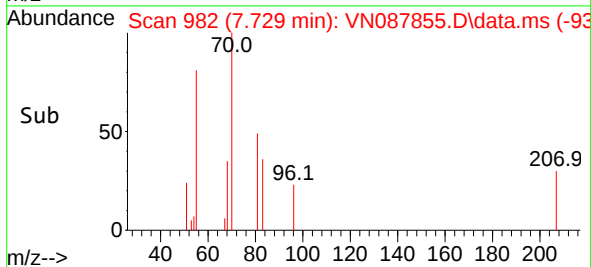
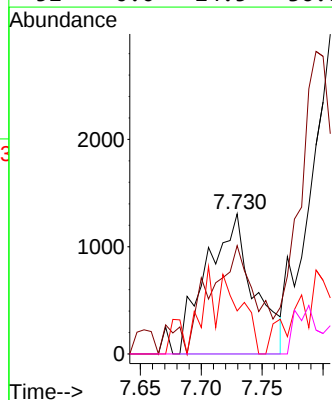
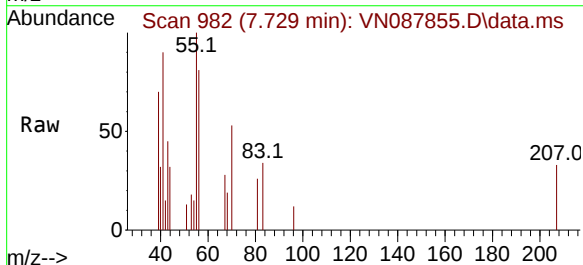
Instrument :
MSVOA_N
ClientSampleId :

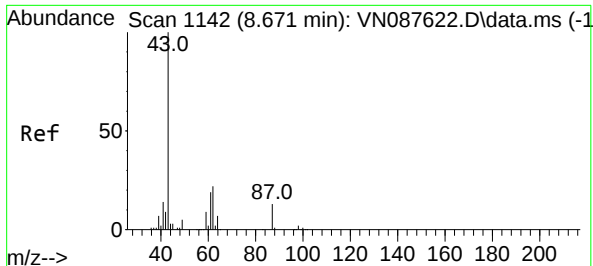
Tgt Ion: 78 Resp: 138853
Ion Ratio Lower Upper
78 100
77 21.5 19.7 29.5



#41
Methacrylonitrile
Concen: 0.949 ug/l
RT: 7.729 min Scan# 982
Delta R.T. -0.030 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

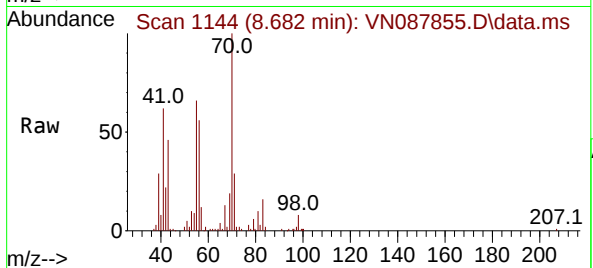
Tgt Ion: 41 Resp: 3508
Ion Ratio Lower Upper
41 100
39 73.8 45.4 68.0#
67 0.0 55.3 82.9#
52 0.0 24.5 36.7#



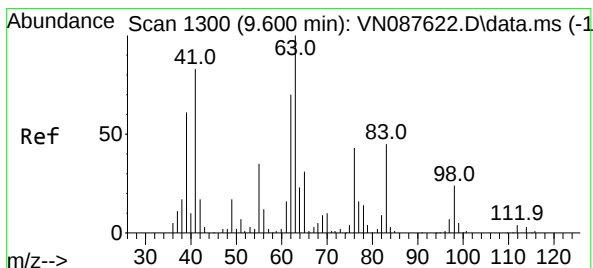
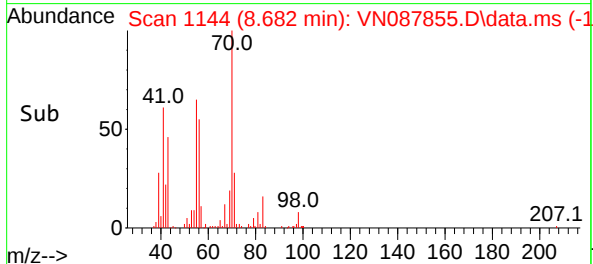
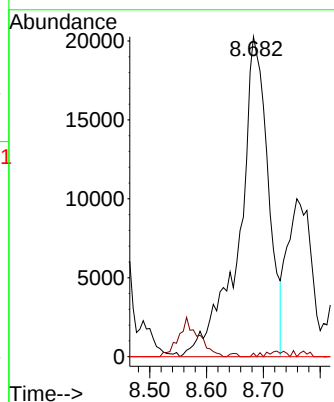


#43
Isopropyl Acetate
Concen: 6.451 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :

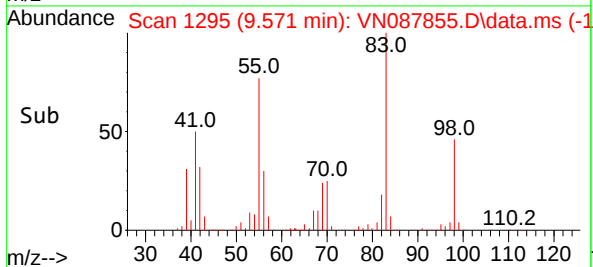
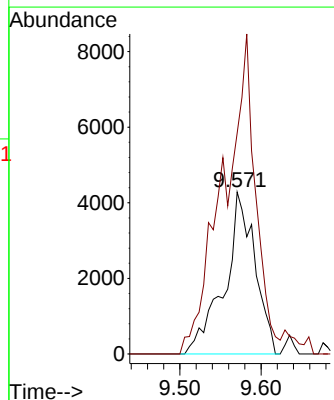
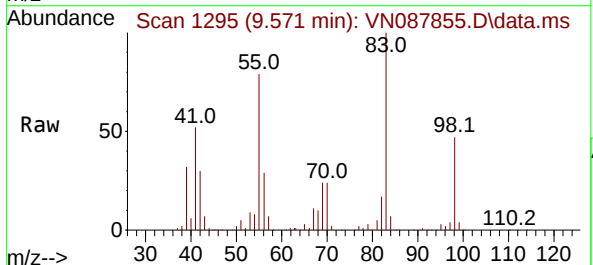


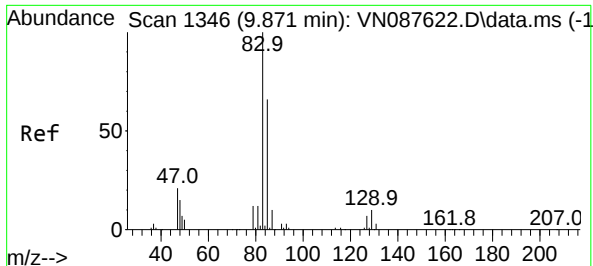
Tgt Ion: 43 Resp: 71878
Ion Ratio Lower Upper
43 100
61 0.0 18.8 28.2#
87 0.0 9.6 14.4#



#45
1,2-Dichloropropane
Concen: 2.644 ug/l
RT: 9.571 min Scan# 1295
Delta R.T. -0.030 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

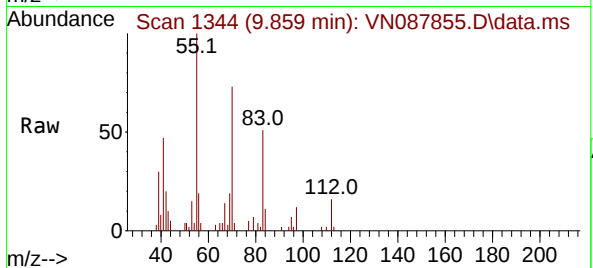
Tgt Ion: 63 Resp: 11165
Ion Ratio Lower Upper
63 100
65 136.4 25.0 37.4#



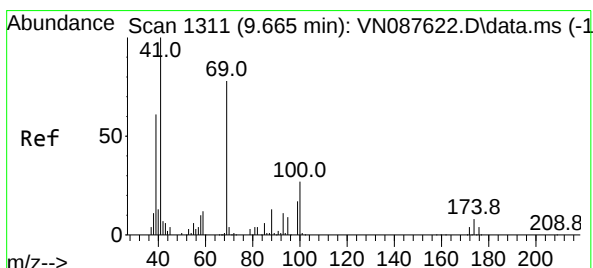
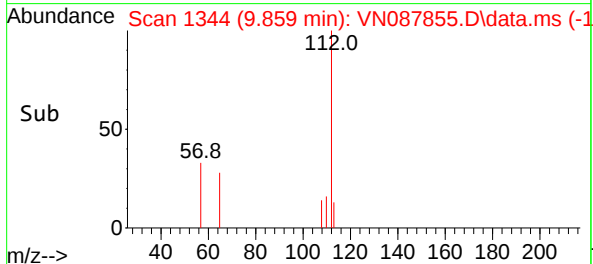
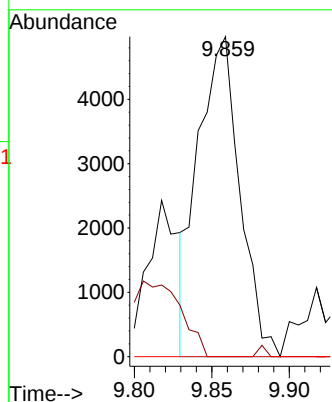


#47
Bromodichloromethane
Concen: 1.508 ug/l
RT: 9.859 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :

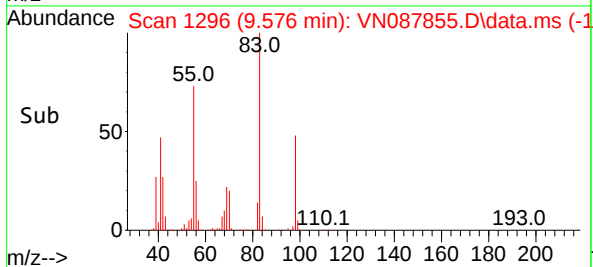
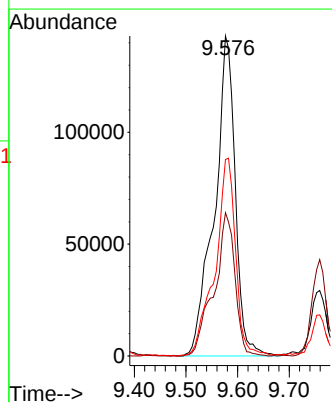
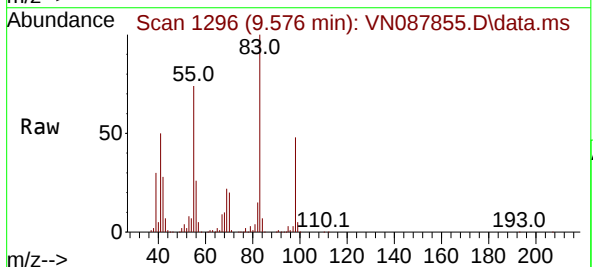


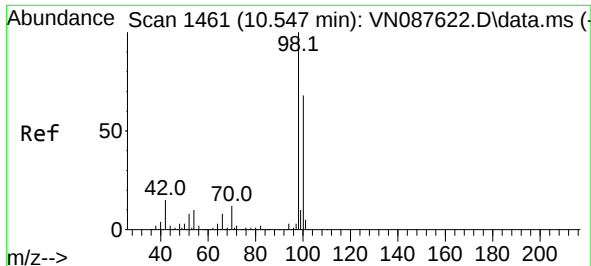
Tgt Ion: 83 Resp: 9287
Ion Ratio Lower Upper
83 100
85 0.0 52.5 78.7#
127 0.0 5.8 8.6#



#48
Methyl methacrylate
Concen: 76.223 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.088 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 41 Resp: 401726
Ion Ratio Lower Upper
41 100
69 44.8 62.7 94.1#
39 61.1 52.9 79.3

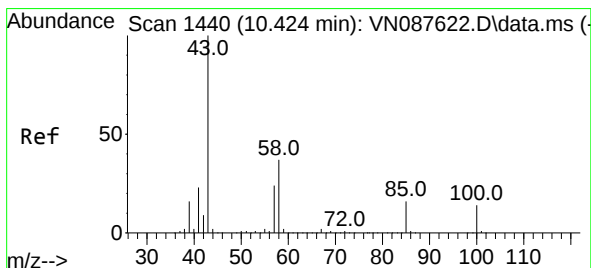
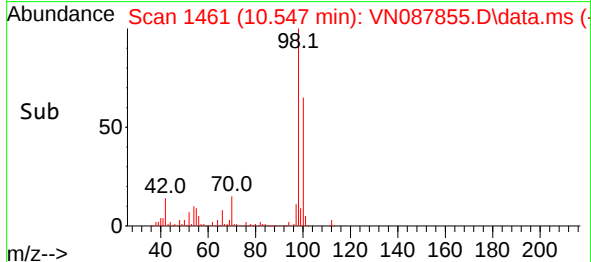
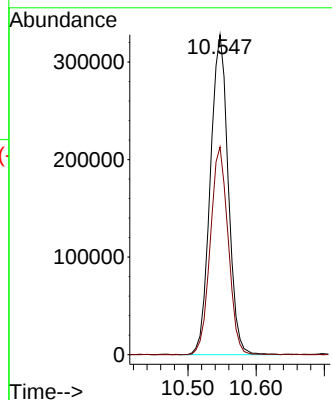
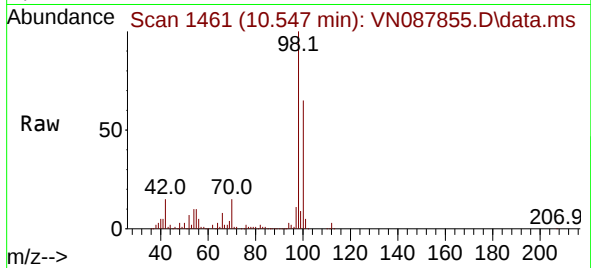




#50
Toluene-d8
Concen: 46.968 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

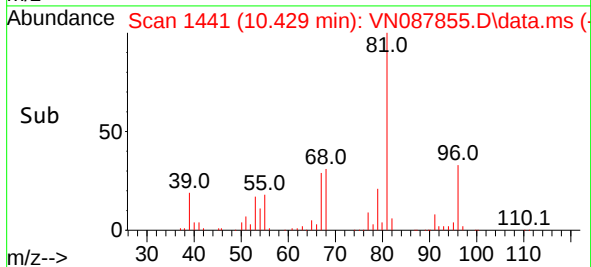
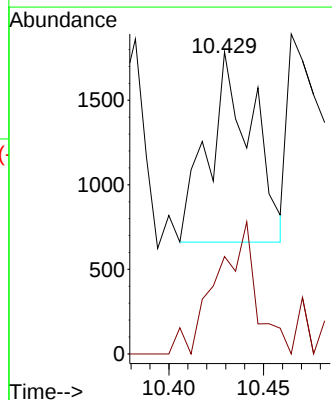
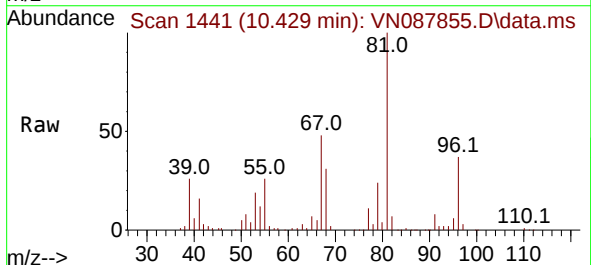
Instrument :
MSVOA_N
ClientSampleId :

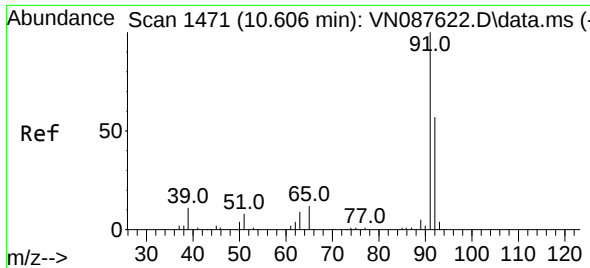
Tgt Ion: 98 Resp: 598470
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.270 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 62.8 29.6 44.4#

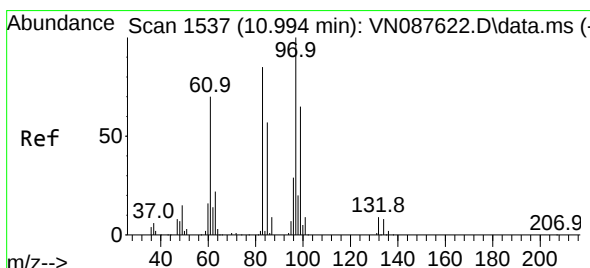
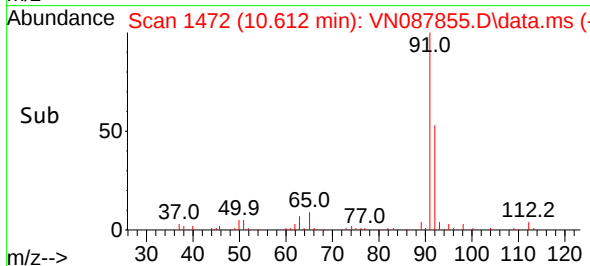
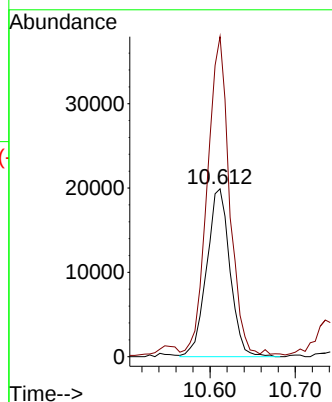
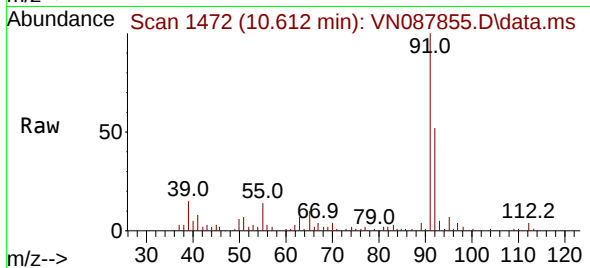




#52
Toluene
Concen: 3.806 ug/l
RT: 10.612 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

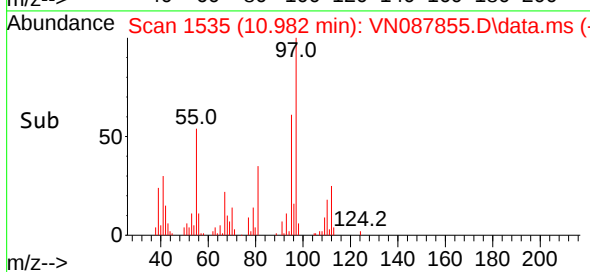
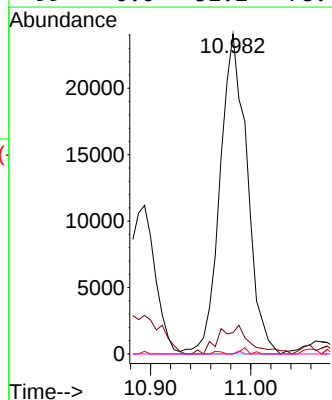
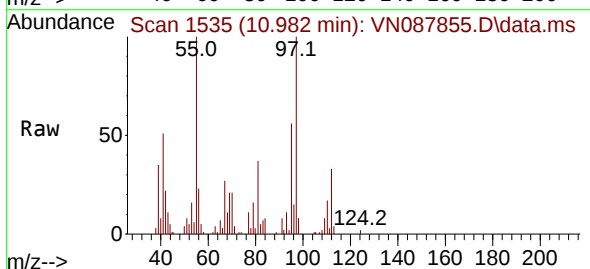
Instrument :
MSVOA_N
ClientSampleId :

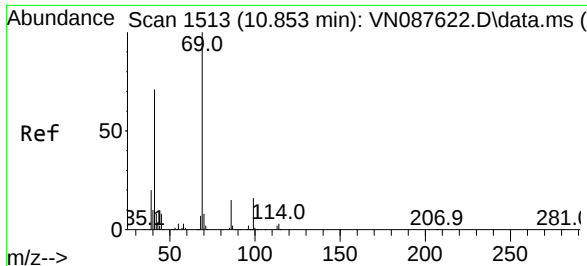
Tgt Ion: 92 Resp: 37801
Ion Ratio Lower Upper
92 100
91 178.9 140.4 210.6



#55
1,1,2-Trichloroethane
Concen: 11.739 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 97 Resp: 45099
Ion Ratio Lower Upper
97 100
83 5.8 68.2 102.4#
85 0.0 45.5 68.3#
99 0.0 52.2 78.4#

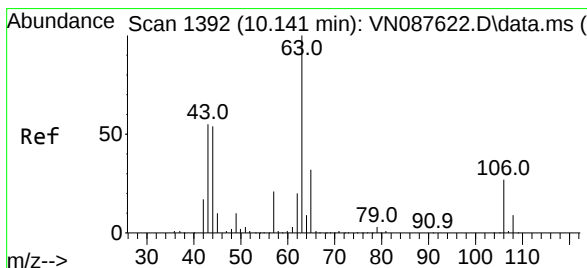
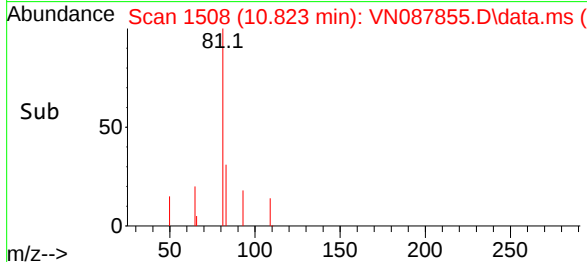
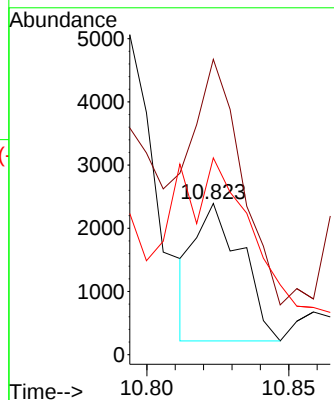
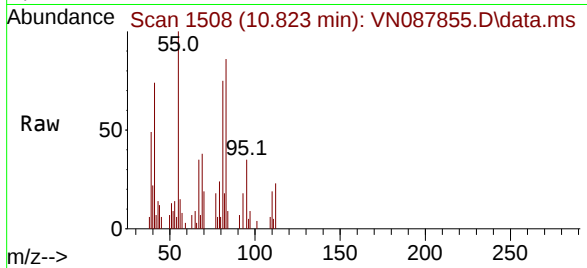




#56
 Ethyl methacrylate
 Concen: 0.404 ug/l
 RT: 10.823 min Scan# 1513
 Delta R.T. -0.030 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

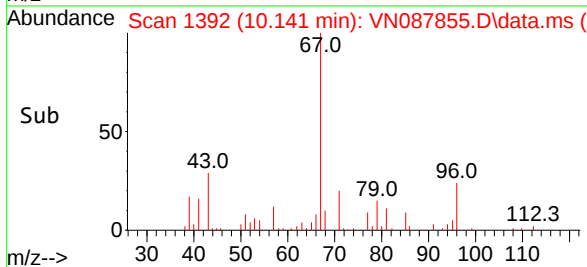
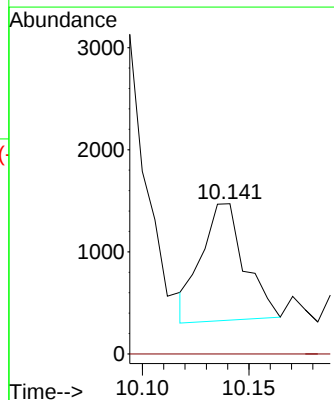
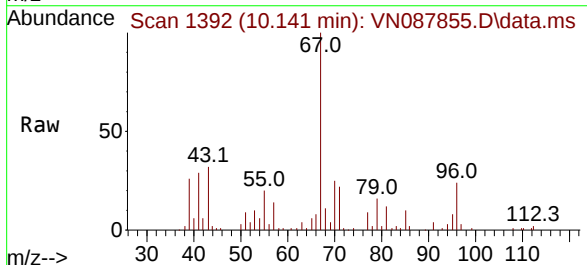
Instrument :
 MSVOA_N
 ClientSampleId :

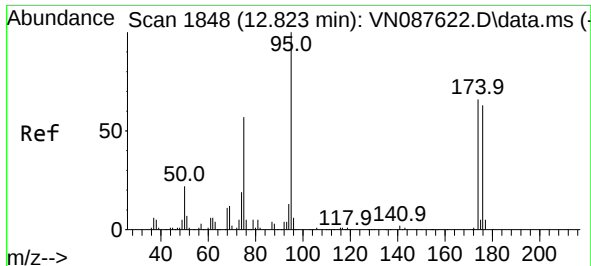
Tgt Ion: 69 Resp: 2479
 Ion Ratio Lower Upper
 69 100
 41 205.2 56.5 84.7#
 39 163.4 34.2 51.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.488 ug/l
 RT: 10.141 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

Tgt Ion: 63 Resp: 1623
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.1 31.7#

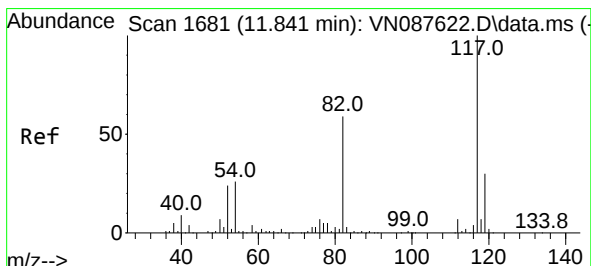
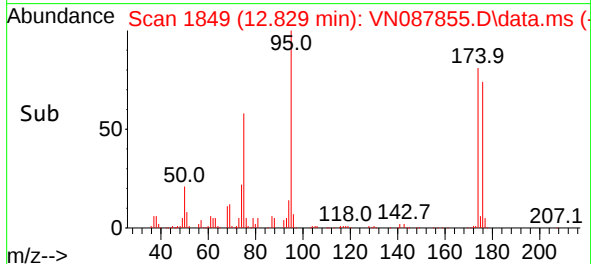
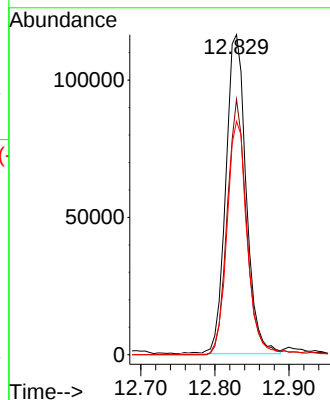
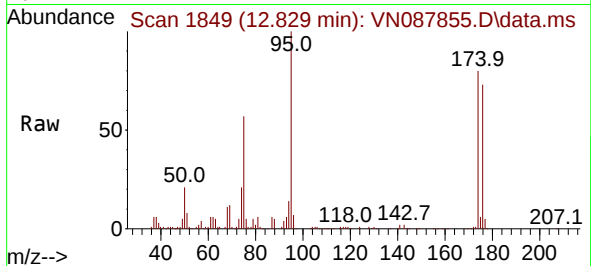




#62
4-Bromofluorobenzene
Concen: 48.910 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

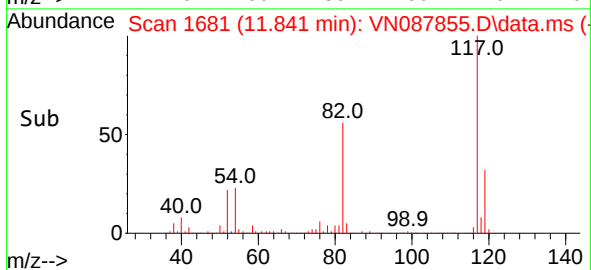
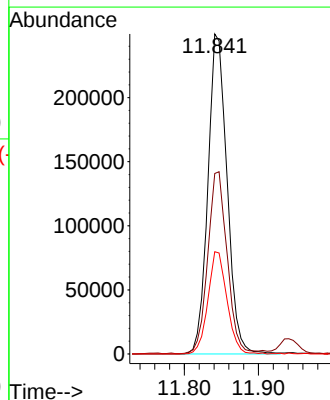
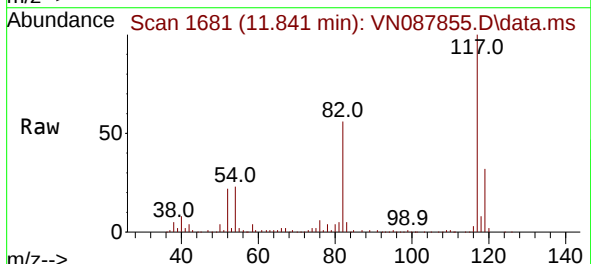
Instrument :
MSVOA_N
ClientSampleId :

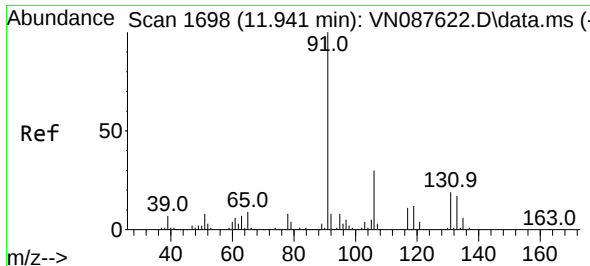
Tgt Ion: 95 Resp: 221635
Ion Ratio Lower Upper
95 100
174 76.1 0.0 138.4
176 72.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 117 Resp: 448961
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.9 24.3 36.5

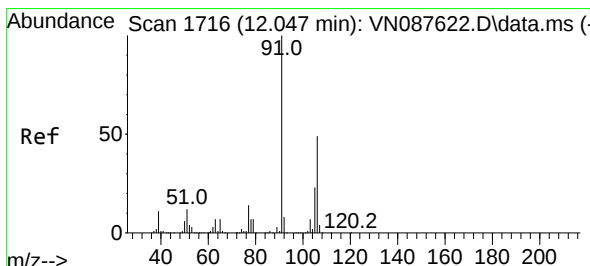
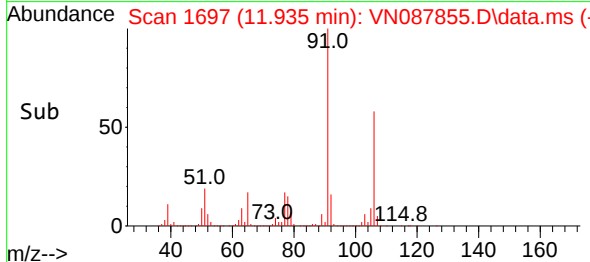
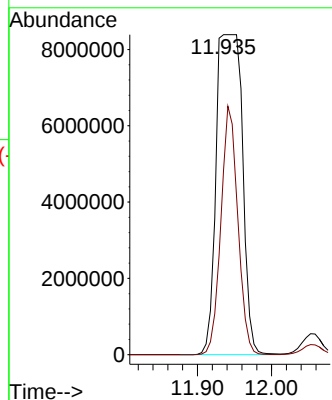
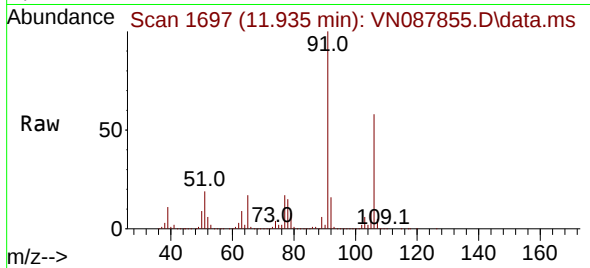




#67
Ethyl Benzene
Concen: 1064.553 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

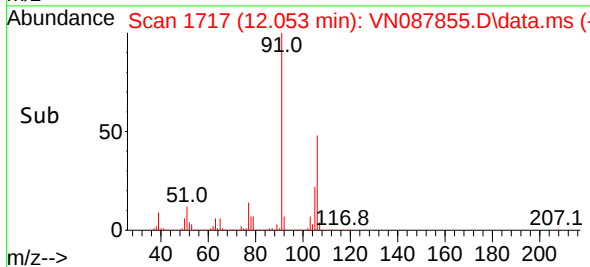
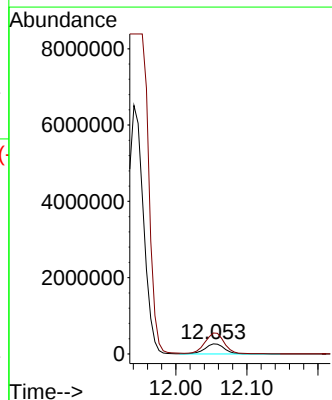
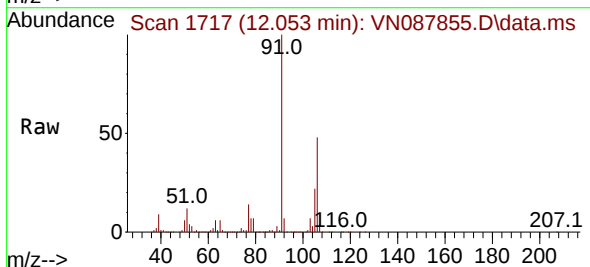
Instrument :
MSVOA_N
ClientSampleId :

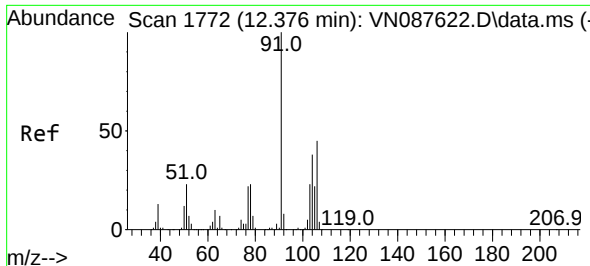
Tgt Ion: 91 Resp: 20587447
Ion Ratio Lower Upper
91 100
106 57.8 24.1 36.1#



#68
m/p-Xylenes
Concen: 71.221 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 106 Resp: 505131
Ion Ratio Lower Upper
106 100
91 207.8 169.3 253.9

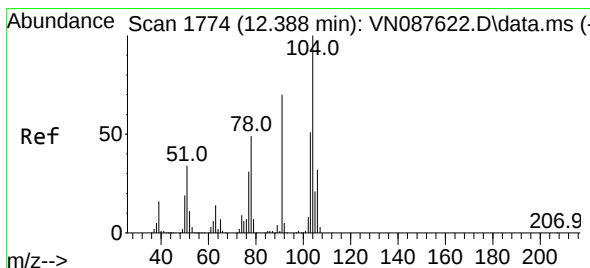
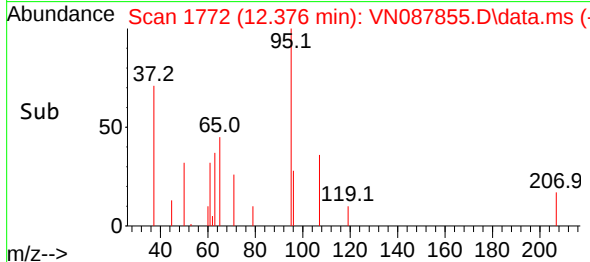
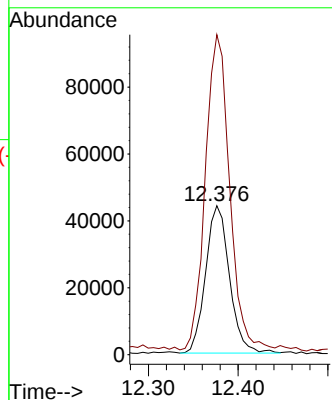
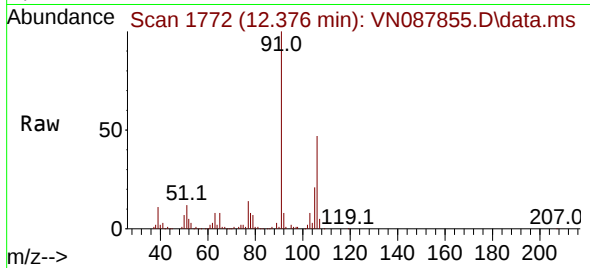




#69
o-Xylene
Concen: 11.698 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

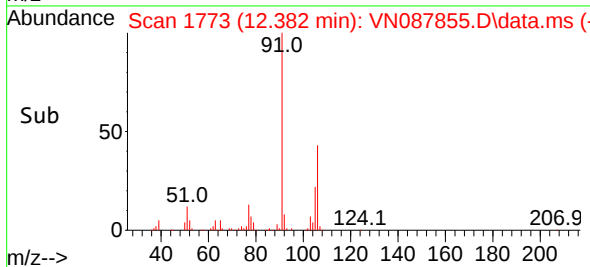
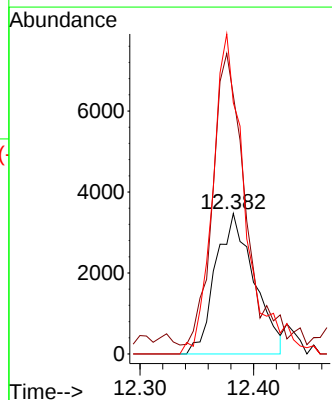
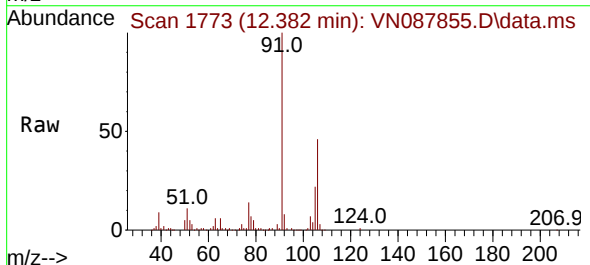
Instrument :
MSVOA_N
ClientSampleId :

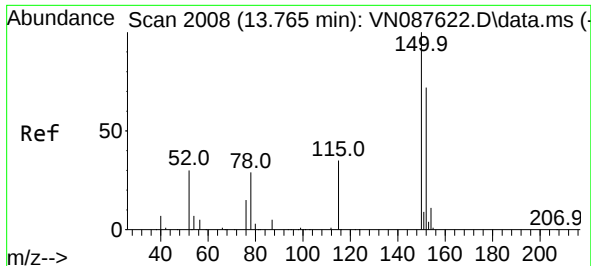
Tgt Ion:106 Resp: 81311
Ion Ratio Lower Upper
106 100
91 216.9 111.4 334.2



#70
Styrene
Concen: 0.703 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

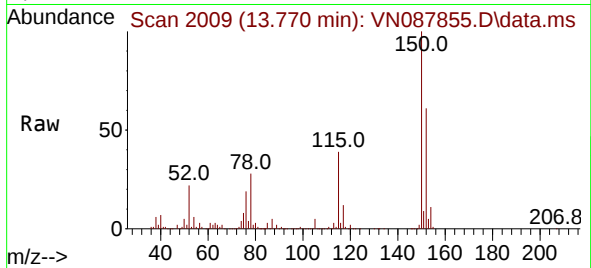
Tgt Ion:104 Resp: 8187
Ion Ratio Lower Upper
104 100
78 175.7 42.2 63.2#
103 192.1 43.4 65.2#



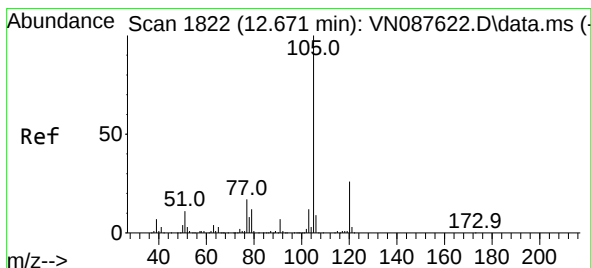
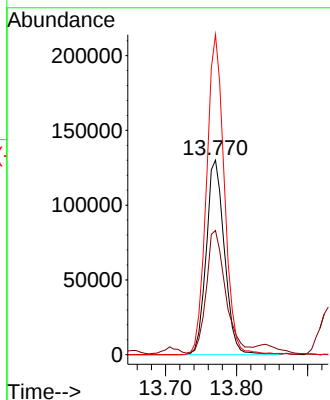
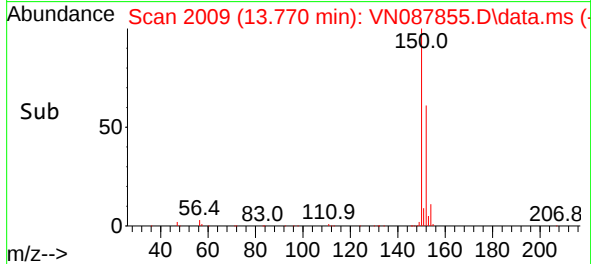


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2008
 Delta R.T. 0.006 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

Instrument :
 MSVOA_N
 ClientSampleId :

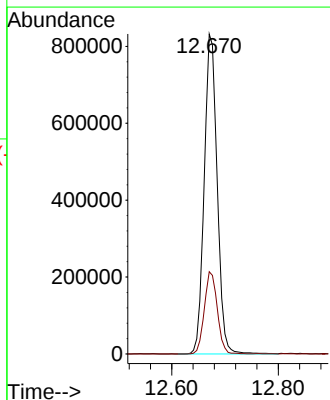
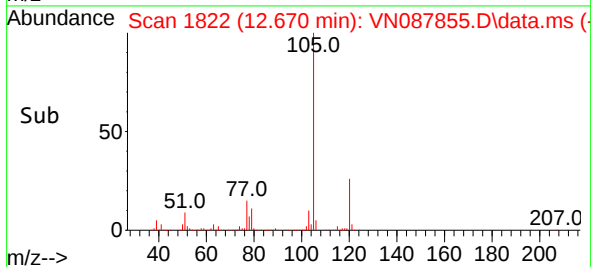
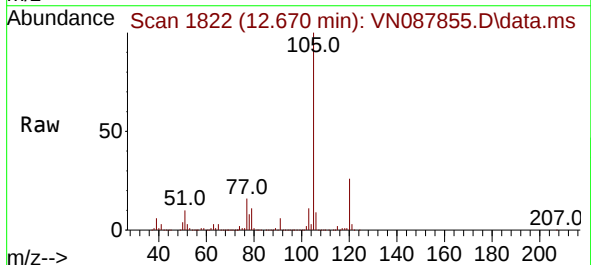


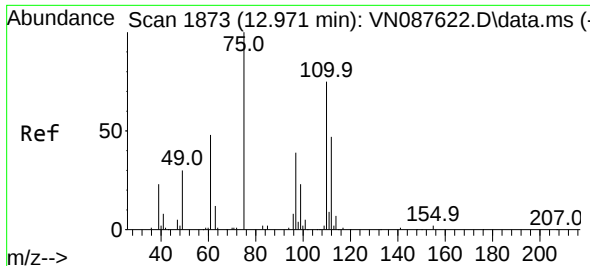
Tgt Ion:152 Resp: 231412
 Ion Ratio Lower Upper
 152 100
 115 67.3 32.3 96.8
 150 161.5 0.0 351.0



#73
 Isopropylbenzene
 Concen: 75.009 ug/l
 RT: 12.670 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

Tgt Ion:105 Resp: 1402638
 Ion Ratio Lower Upper
 105 100
 120 25.7 12.8 38.3

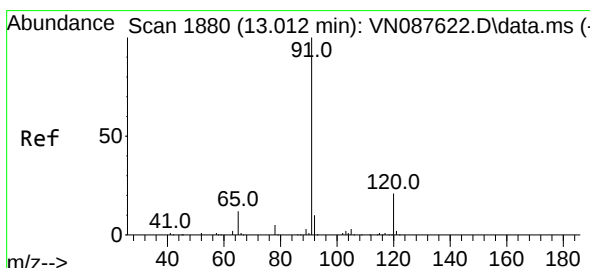
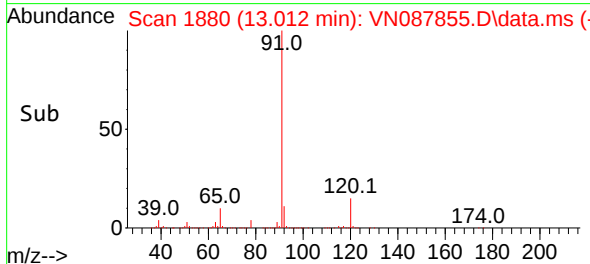
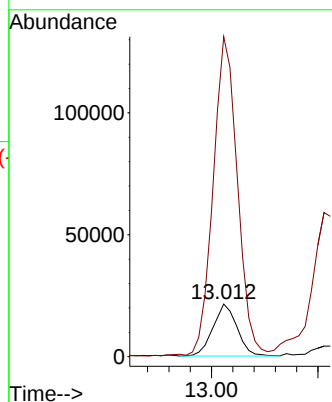
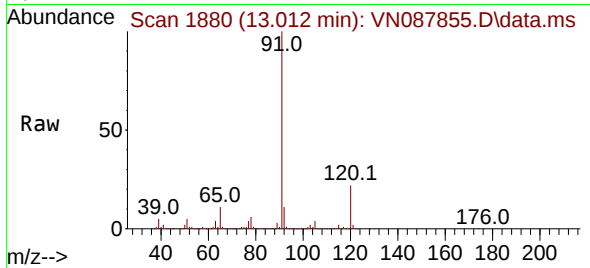




#76
1,2,3-Trichloropropane
Concen: 6.200 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.041 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

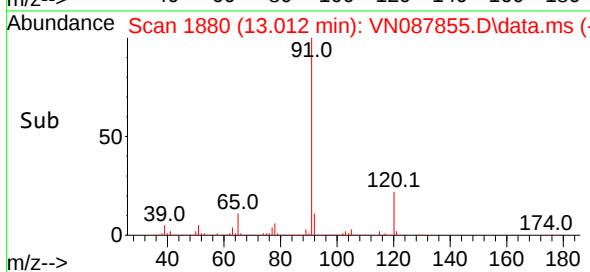
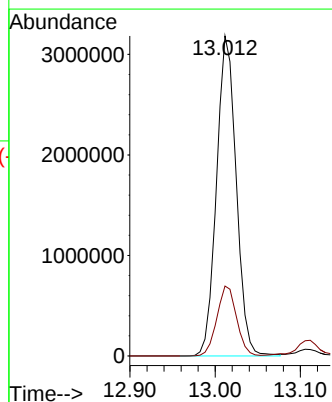
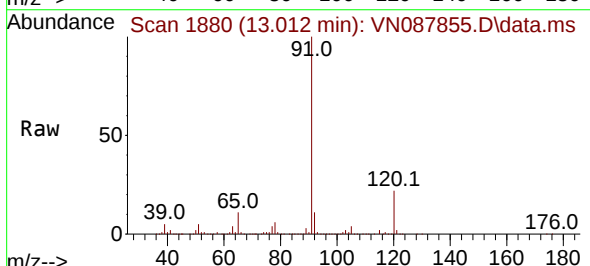
Instrument :
MSVOA_N
ClientSampleId :

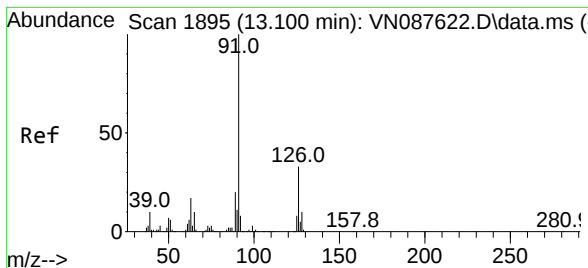
Tgt Ion: 75 Resp: 33647
Ion Ratio Lower Upper
75 100
77 618.6 89.1 267.4#



#78
n-propylbenzene
Concen: 222.613 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 91 Resp: 5127514
Ion Ratio Lower Upper
91 100
120 21.9 10.7 32.1

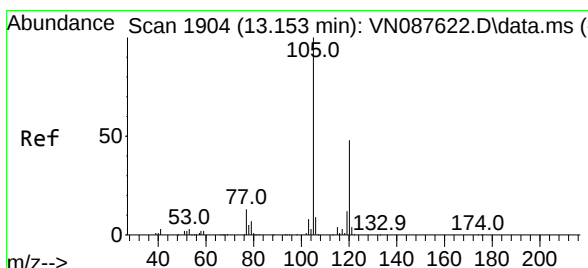
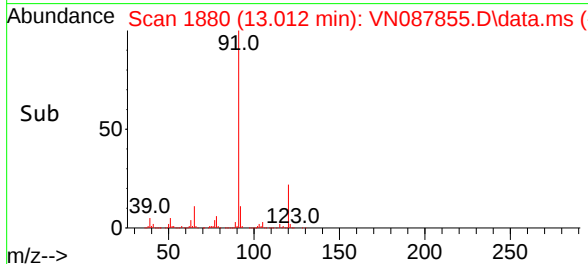
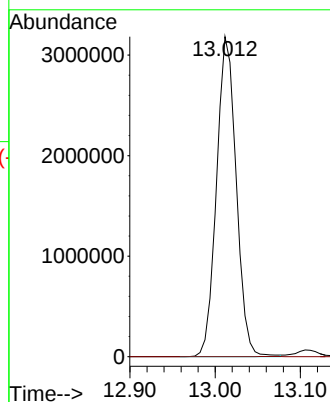
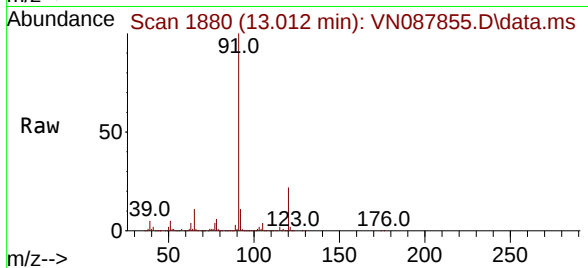




#79
2-Chlorotoluene
Concen: 369.922 ug/l
RT: 13.012 min Scan# 1895
Delta R.T. -0.088 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

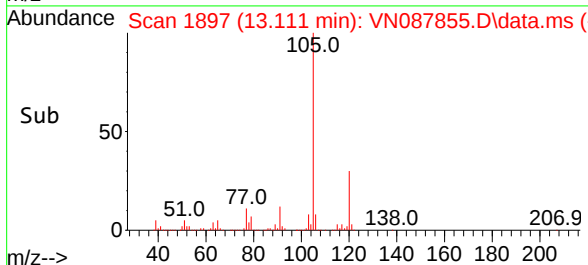
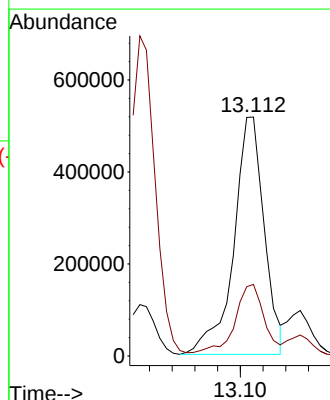
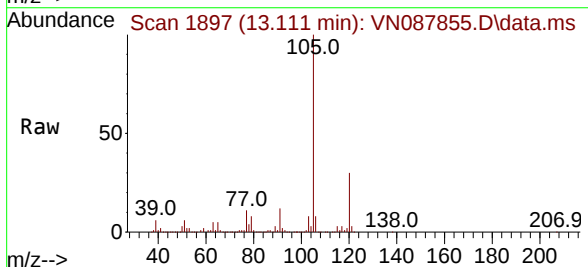
Instrument :
MSVOA_N
ClientSampleId :

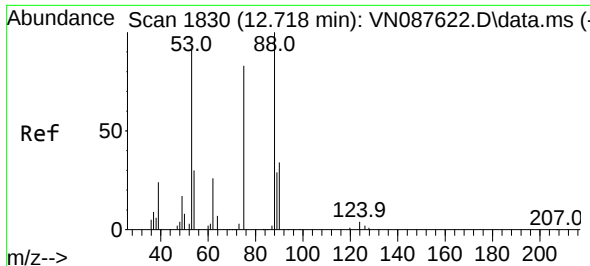
Tgt Ion: 91 Resp: 5127514
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 60.678 ug/l
RT: 13.111 min Scan# 1897
Delta R.T. -0.041 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

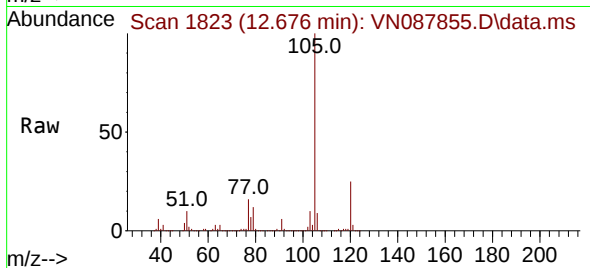
Tgt Ion:105 Resp: 962548
Ion Ratio Lower Upper
105 100
120 26.7 23.2 69.6



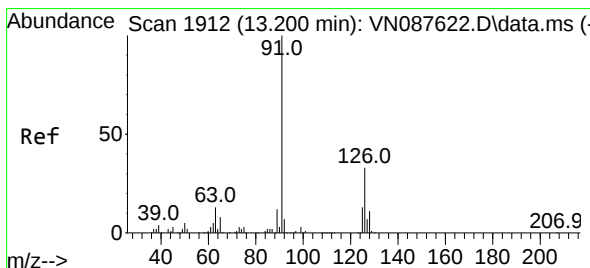
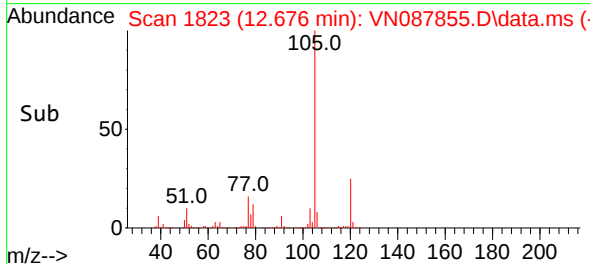
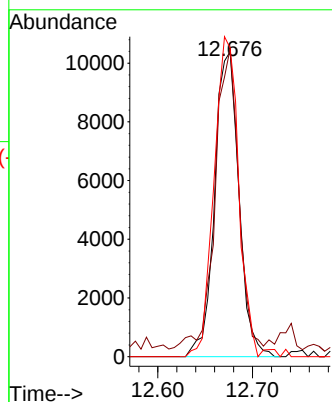


#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.057 ug/l
 RT: 12.676 min Scan# 18565
 Delta R.T. -0.041 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

Instrument :
 MSVOA_N
 ClientSampleId :

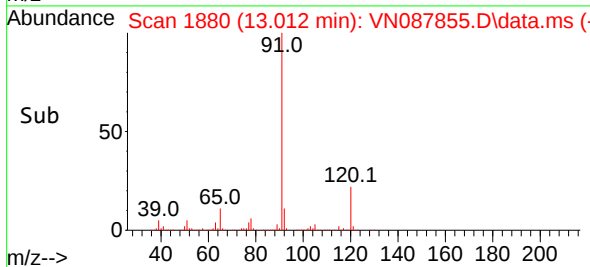
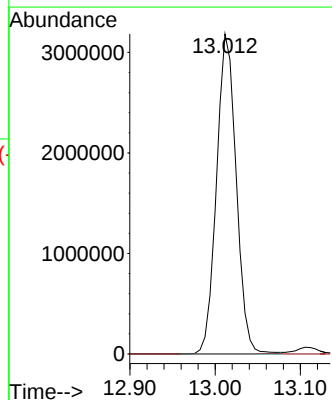
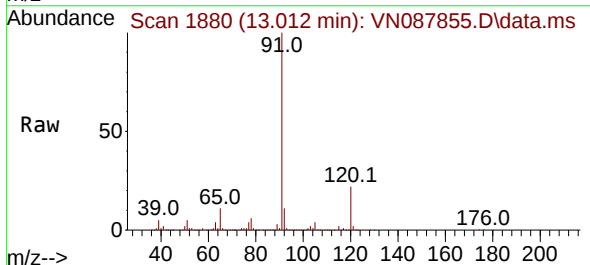


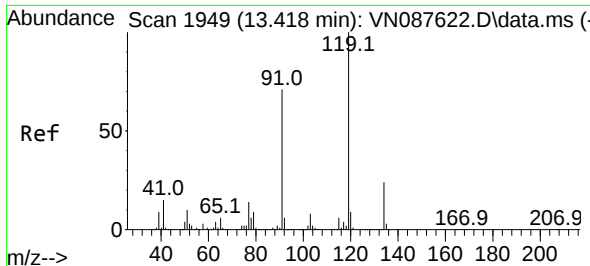
Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.0	101.8	152.6#
89	105.8	35.6	53.4#



#82
 4-Chlorotoluene
 Concen: 351.840 ug/l
 RT: 13.012 min Scan# 1880
 Delta R.T. -0.188 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

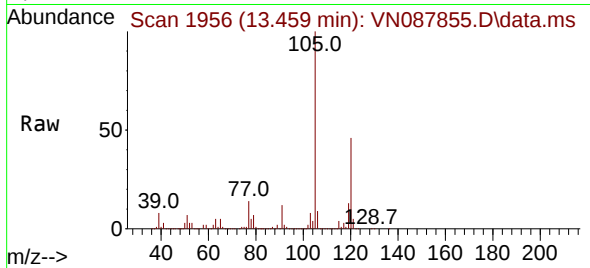
Tgt Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.8#



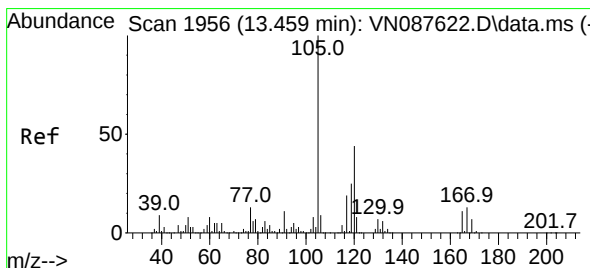
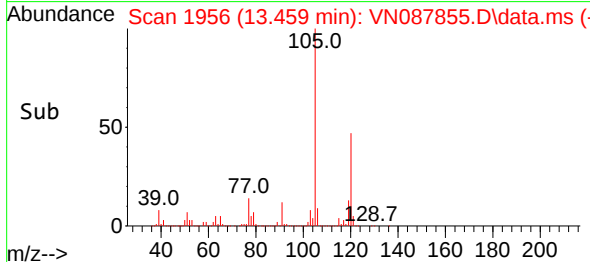
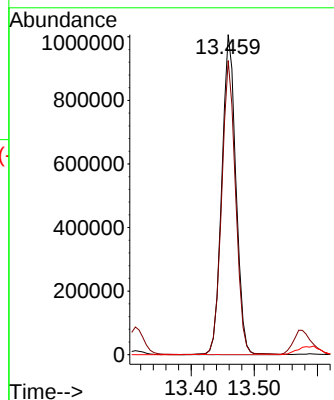


#83
 tert-Butylbenzene
 Concen: 117.777 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.041 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

Instrument :
 MSVOA_N
 ClientSampleId :

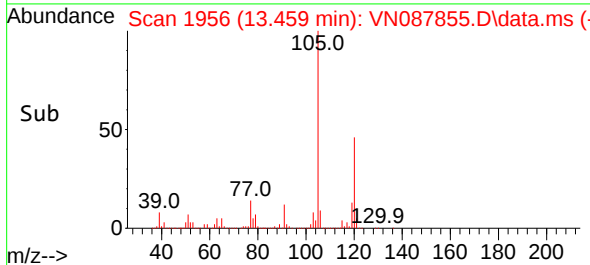
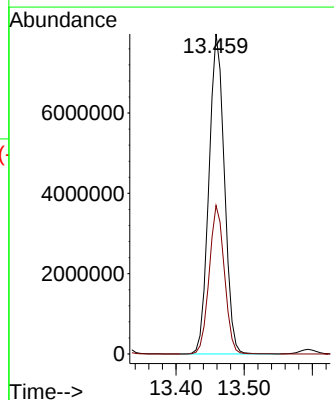
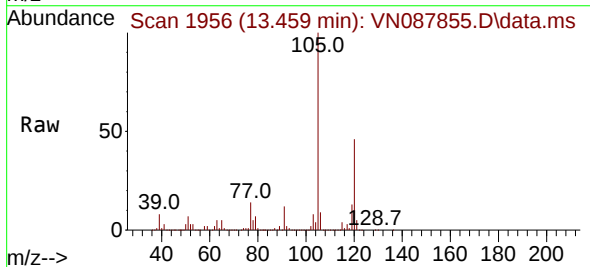


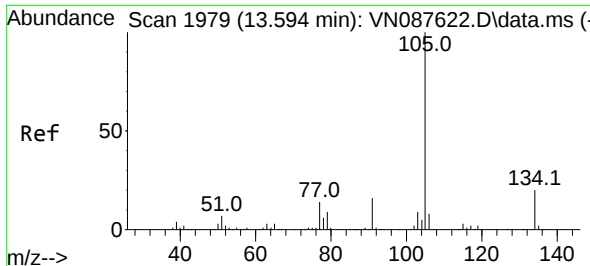
Tgt Ion:119 Resp: 1556916
 Ion Ratio Lower Upper
 119 100
 91 90.7 35.0 105.0
 134 0.0 12.6 37.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 790.823 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

Tgt Ion:105 Resp:12558281
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.0 66.0

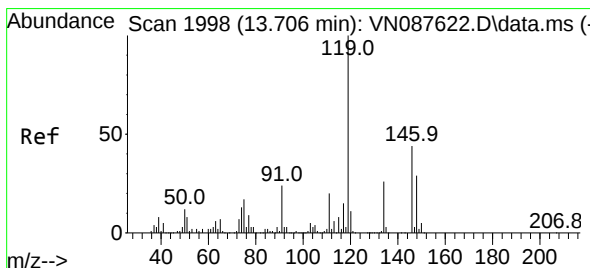
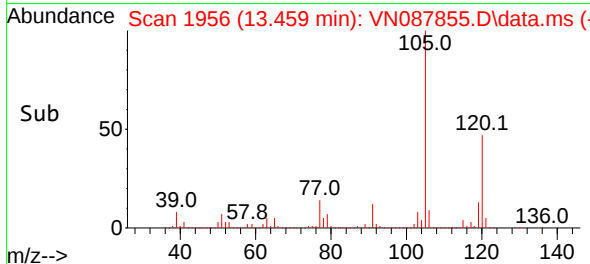
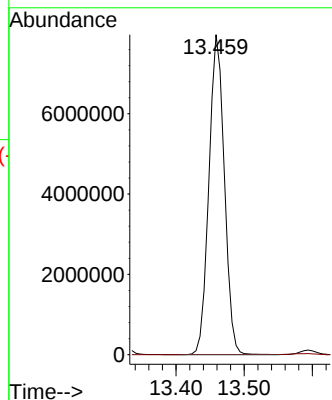
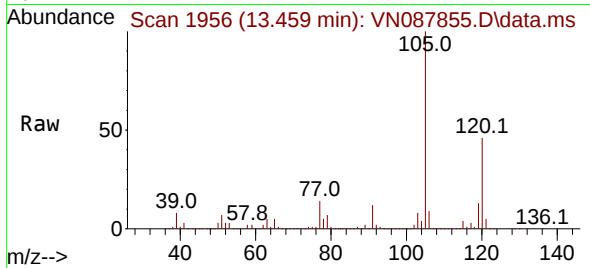




#85
 sec-Butylbenzene
 Concen: 640.174 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.136 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

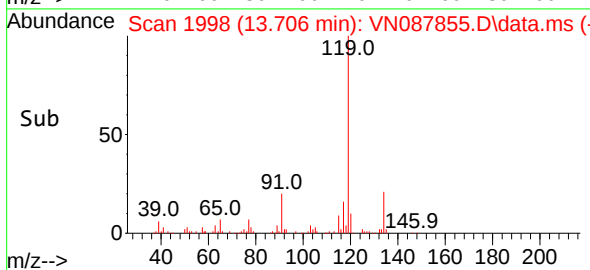
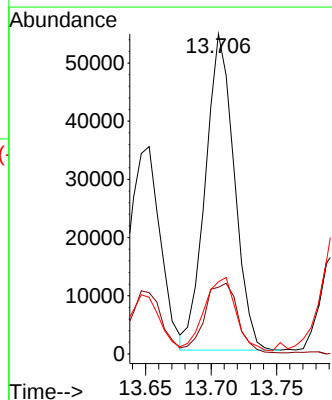
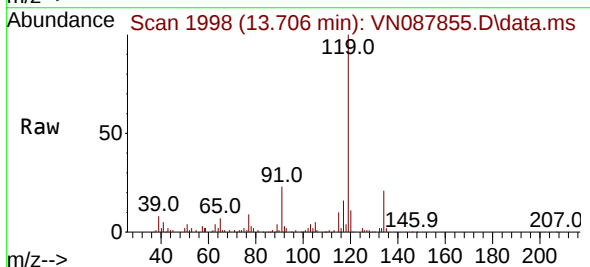
Instrument :
 MSVOA_N
 ClientSampleId :

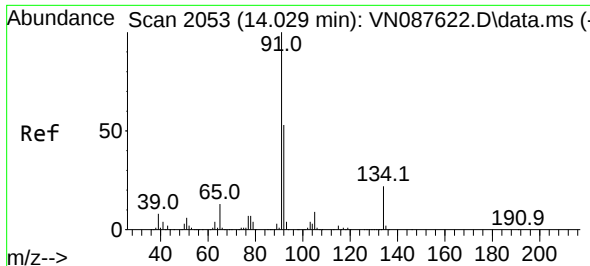
Tgt Ion:105 Resp:12558281
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 5.144 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087855.D
 Acq: 16 Sep 2025 17:11

Tgt Ion:119 Resp: 83334
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 0.0 12.5 37.5#

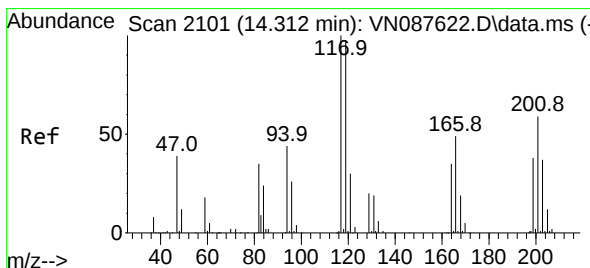
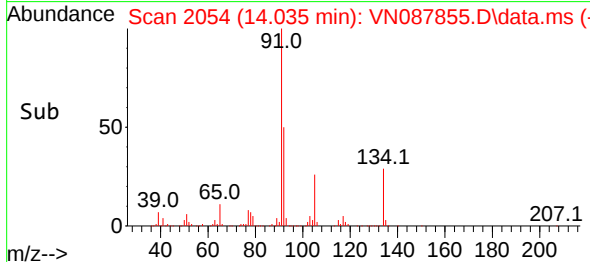
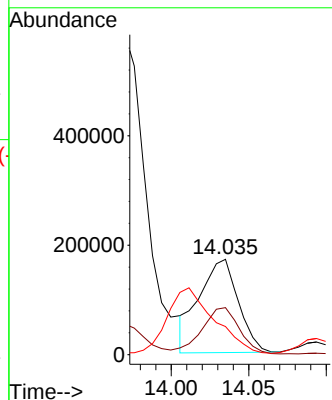
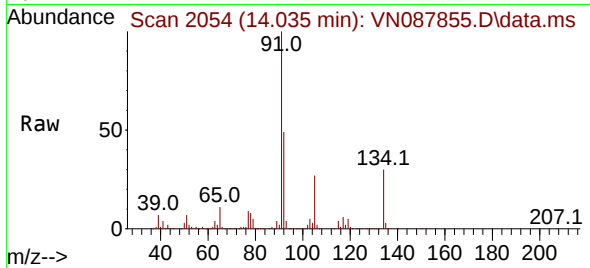




#89
n-Butylbenzene
Concen: 18.653 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

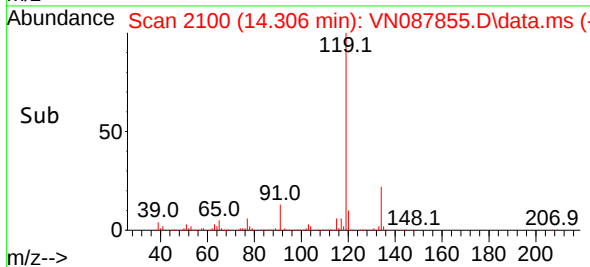
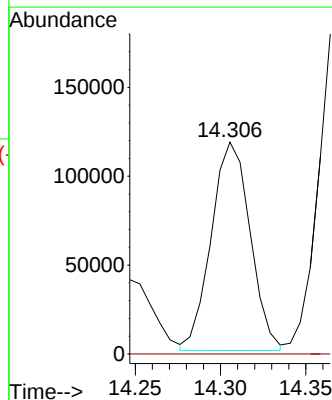
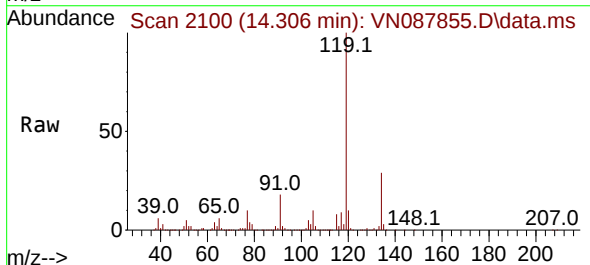
Instrument :
MSVOA_N
ClientSampleId :

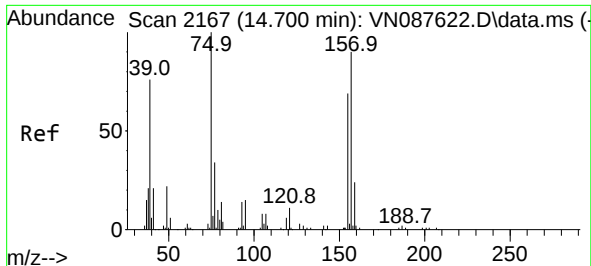
Tgt Ion: 91 Resp: 300086
Ion Ratio Lower Upper
91 100
92 47.4 25.9 77.8
134 0.0 11.7 35.0#



#90
Hexachloroethane
Concen: 60.316 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087855.D
Acq: 16 Sep 2025 17:11

Tgt Ion: 117 Resp: 186144
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 9.892 ug/l

RT: 14.670 min Scan# 2167

Delta R.T. -0.030 min

Lab File: VN087855.D

Acq: 16 Sep 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

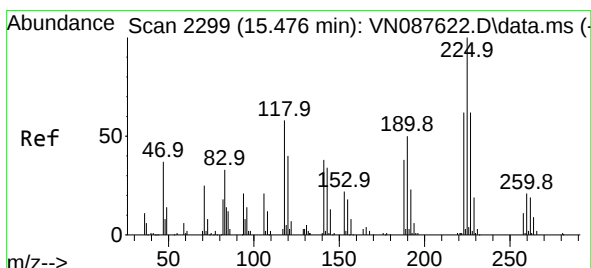
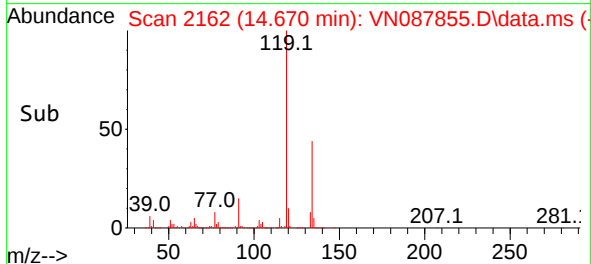
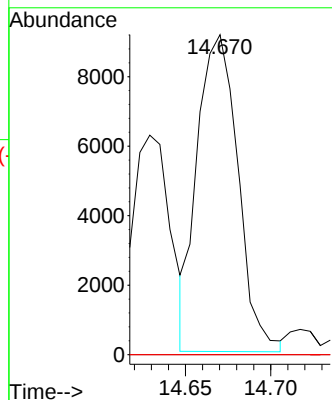
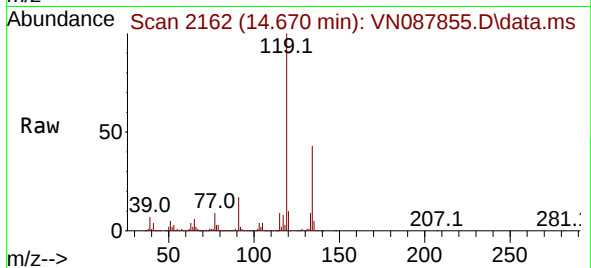
Tgt Ion: 75 Resp: 15128

Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 0.0 45.6 136.9#



#94

Hexachlorobutadiene

Concen: 0.272 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087855.D

Acq: 16 Sep 2025 17:11

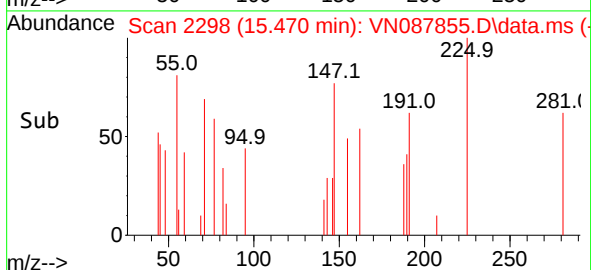
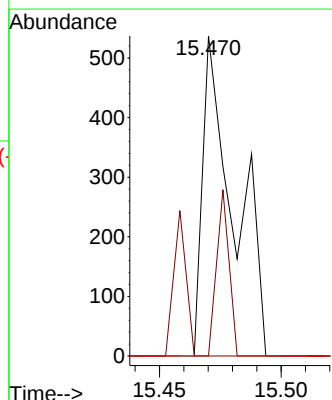
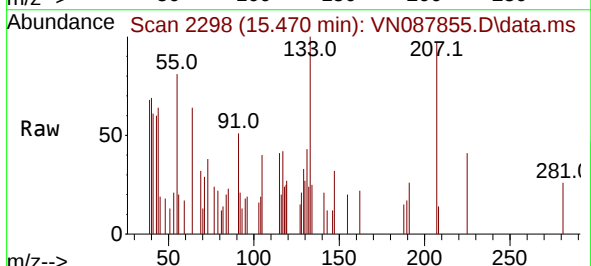
Tgt Ion: 225 Resp: 479

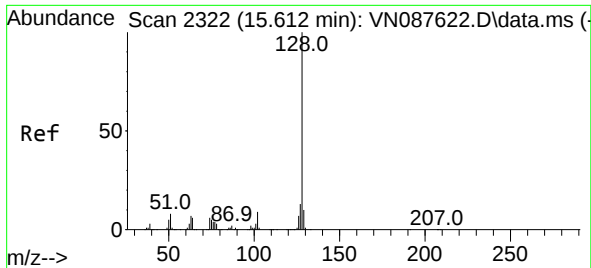
Ion Ratio Lower Upper

225 100

223 20.5 32.0 96.2#

227 0.0 32.1 96.5#





#95

Naphthalene

Concen: 576.249 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

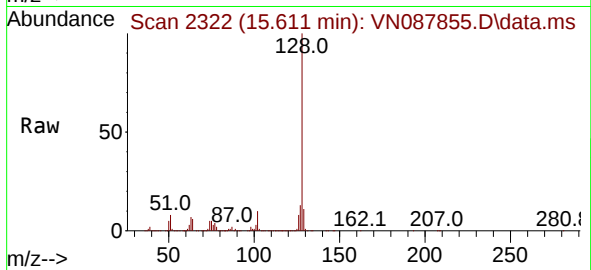
Lab File: VN087855.D

Acq: 16 Sep 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp:10096091

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.9 8.6 12.8

