

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088476.D
 Acq On : 09 Dec 2025 13:45
 Operator : JC\MD
 Sample : Q3770-01
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4207

Quant Time: Dec 10 05:06:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	218053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	447665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	423132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	219623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	226612	55.168	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.340%
35) Dibromofluoromethane	8.147	113	158339	51.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	10.541	98	571808	49.537	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.829	95	225525	56.942	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.880%
Target Compounds						
						Qvalue
3) Chloromethane	2.383	50	5364	1.525	ug/l	92
10) Methyl Iodide	4.571	142	4988	1.882	ug/l #	87
13) Acrolein	4.171	56	321	0.511	ug/l #	14
15) Acrylonitrile	5.712	53	549	0.290	ug/l #	47
16) Acetone	4.436	43	275908	185.728	ug/l	100
17) Carbon Disulfide	4.689	76	2777	0.319	ug/l #	75
18) Methyl Acetate	5.024	43	5278	1.194	ug/l #	80
25) 2-Butanone	7.465	43	1316	0.551	ug/l #	49
29) Tetrahydrofuran	7.841	42	1151	0.672	ug/l #	36
31) Cyclohexane	8.189	56	423342	78.364	ug/l #	48
36) 1,1-Dichloropropene	8.200	75	24072	5.028	ug/l #	70
38) Carbon Tetrachloride	8.194	117	26046	5.465	ug/l #	14
39) Methylcyclohexane	9.571	83	345338	67.432	ug/l #	87
40) Benzene	8.583	78	18364	1.307	ug/l	92
41) Methacrylonitrile	7.977	41	22952	7.361	ug/l #	54
43) Isopropyl Acetate	8.671	43	370933	38.564	ug/l #	58
45) 1,2-Dichloropropane	9.577	63	7808	2.169	ug/l #	1
47) Bromodichloromethane	9.753	83	13844	2.641	ug/l #	24
48) Methyl methacrylate	9.618	41	151865	34.604	ug/l #	33
49) 1,4-Dioxane	9.712	88	74	1.326	ug/l #	1
51) 4-Methyl-2-Pentanone	10.312	43	27692	4.884	ug/l #	43
53) t-1,3-Dichloropropene	10.606	75	799035	148.484	ug/l #	1
55) 1,1,2-Trichloroethane	10.977	97	7279	2.319	ug/l #	22
56) Ethyl methacrylate	10.835	69	1301	0.262	ug/l #	19
58) 2-Chloroethyl Vinyl ether	10.141	63	943	0.330	ug/l #	49
59) 2-Hexanone	11.141	43	8710	2.439	ug/l #	30
60) Dibromochloromethane	11.077	129	3585	1.002	ug/l #	11
64) Tetrachloroethene	11.077	164	3332	0.993	ug/l #	86
67) Ethyl Benzene	11.941	91	94796	5.707	ug/l	98
68) m/p-Xylenes	12.047	106	62064	10.077	ug/l	99
69) o-Xylene	12.377	106	22607	3.850	ug/l	99
70) Styrene	12.382	104	3682	0.386	ug/l #	1
71) Bromoform	12.824	173	603	0.257	ug/l #	1
73) Isopropylbenzene	12.671	105	16998	1.047	ug/l	98
74) N-amyl acetate	12.453	43	24646	4.457	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.900	83	2118	0.403	ug/l #	25

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

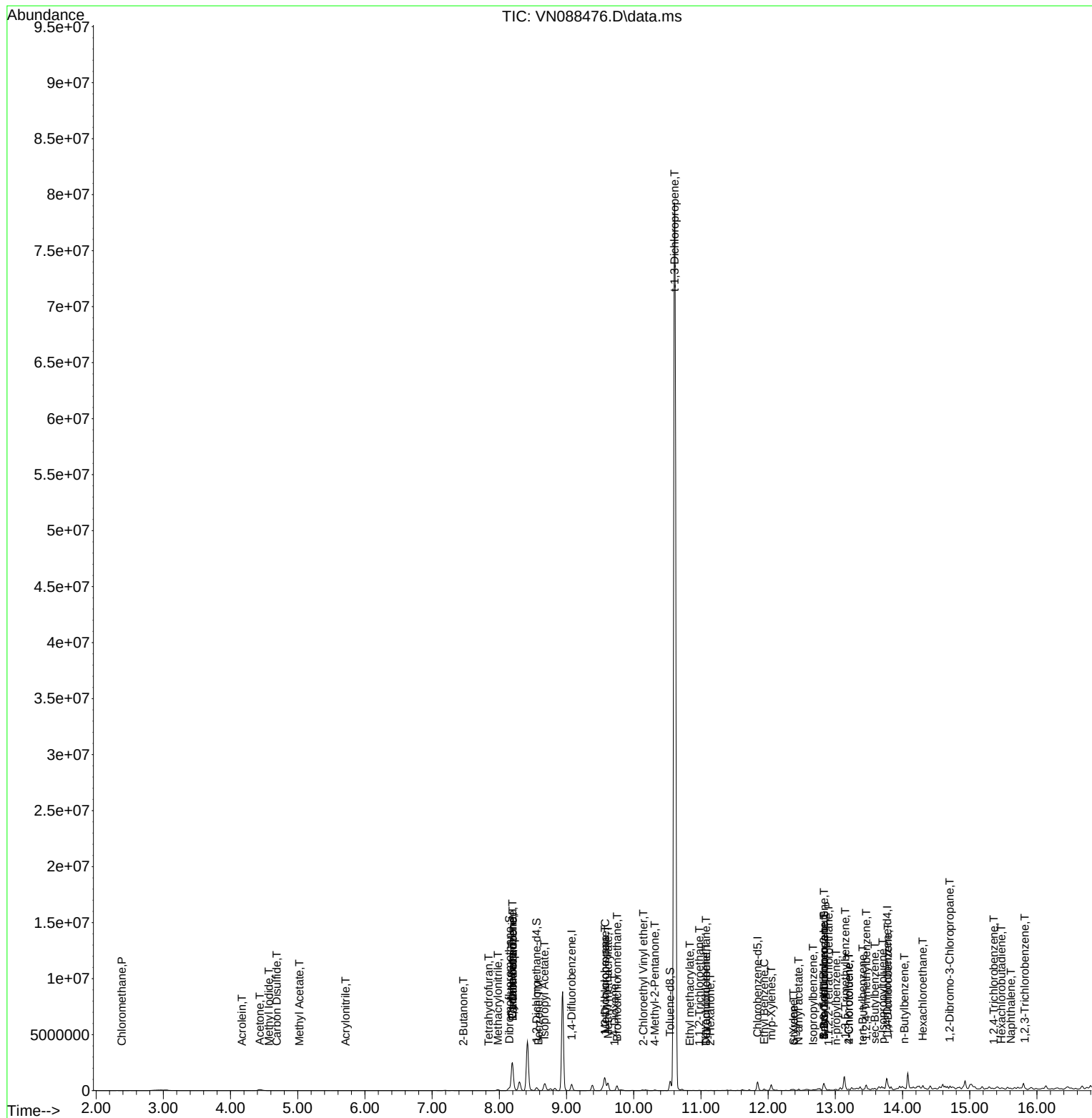
76) 1,2,3-Trichloropropane	12.829	75	132555	25.769	ug/l	#	1
78) n-propylbenzene	13.012	91	60289	3.035	ug/l		98
79) 2-Chlorotoluene	13.200	91	2640	0.218	ug/l		84
80) 1,3,5-Trimethylbenzene	13.147	105	71883	5.342	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.829	75	132555	73.105	ug/l	#	1
82) 4-Chlorotoluene	13.200	91	2465	0.205	ug/l		86
83) tert-Butylbenzene	13.406	119	3163	0.277	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	261693	19.566	ug/l		99
85) sec-Butylbenzene	13.588	105	41312	2.514	ug/l		87
86) p-Isopropyltoluene	13.706	119	30156	2.238	ug/l		91
88) 1,4-Dichlorobenzene	13.782	146	2274	0.300	ug/l	#	1
89) n-Butylbenzene	14.029	91	88391	6.756	ug/l	#	76
90) Hexachloroethane	14.300	117	15973	6.489	ug/l	#	23
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1030	0.809	ug/l	#	18
93) 1,2,4-Trichlorobenzene	15.359	180	3213	0.794	ug/l	#	78
94) Hexachlorobutadiene	15.470	225	2634	1.813	ug/l		91
95) Naphthalene	15.612	128	62155	4.435	ug/l	#	96
96) 1,2,3-Trichlorobenzene	15.817	180	3900	0.991	ug/l	#	1

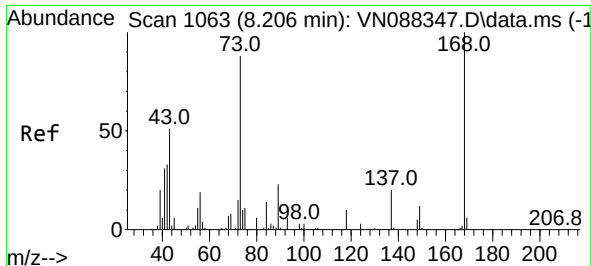
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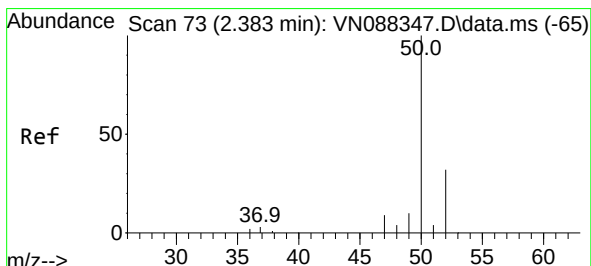
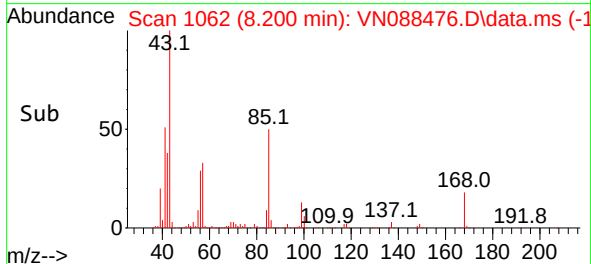
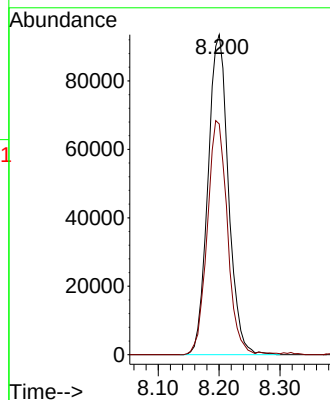
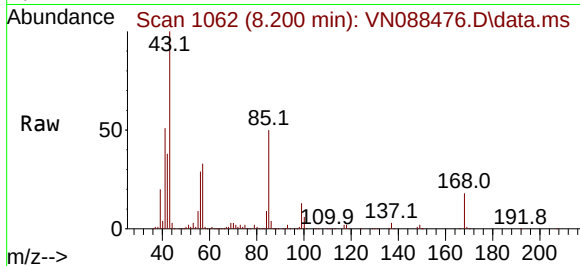




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

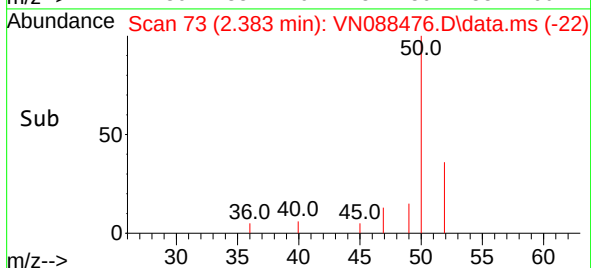
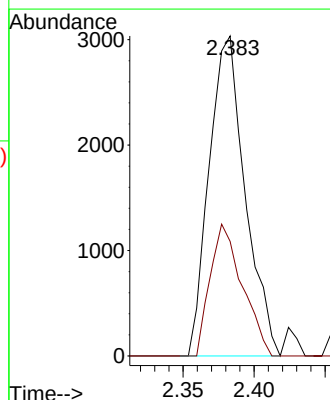
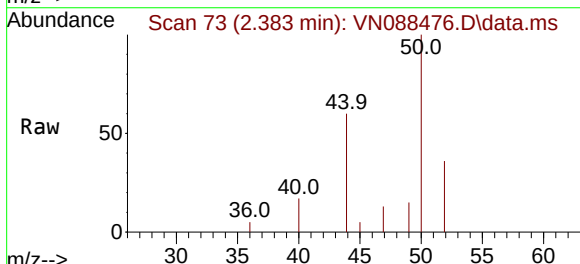
Instrument :
MSVOA_N
ClientSampleId :
4207

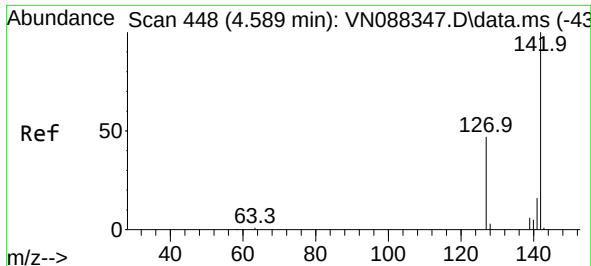
Tgt Ion:168 Resp: 218053
Ion Ratio Lower Upper
168 100
99 72.1 57.1 85.7



#3
Chloromethane
Concen: 1.525 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 50 Resp: 5364
Ion Ratio Lower Upper
50 100
52 35.8 25.2 37.8

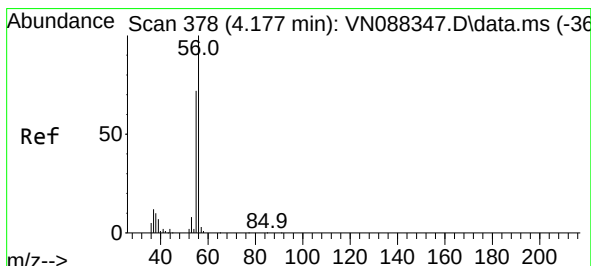
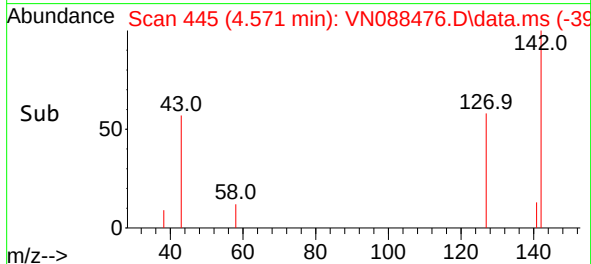
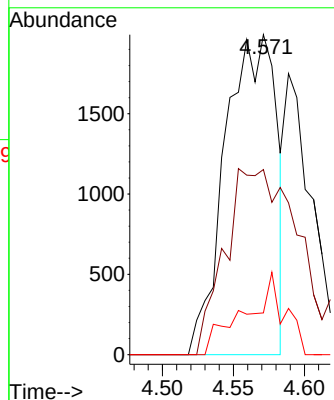
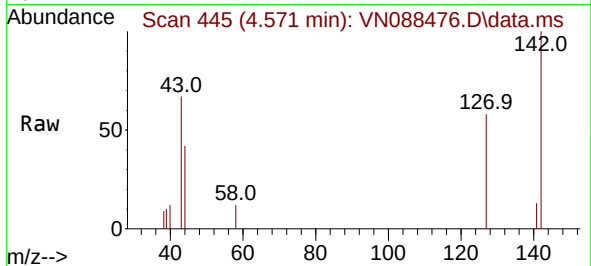




#10
Methyl Iodide
Concen: 1.882 ug/l
RT: 4.571 min Scan# 448
Delta R.T. -0.017 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

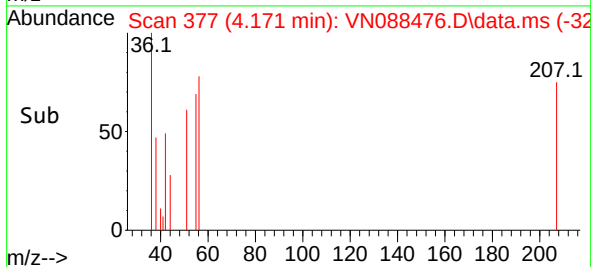
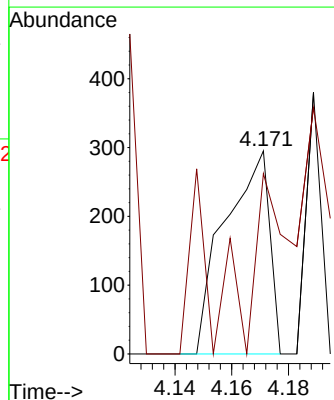
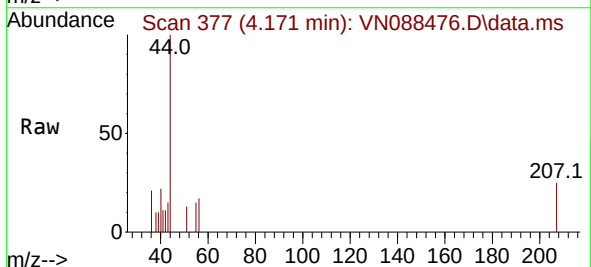
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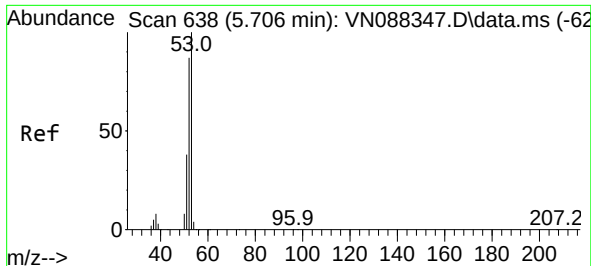
Tgt Ion:142 Resp: 4988
Ion Ratio Lower Upper
142 100
127 57.8 37.9 56.9#
141 13.1 12.4 18.6



#13
Acrolein
Concen: 0.511 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 56 Resp: 321
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#

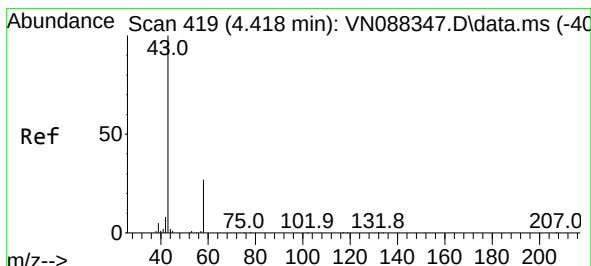
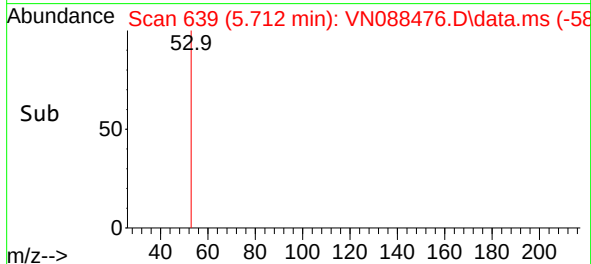
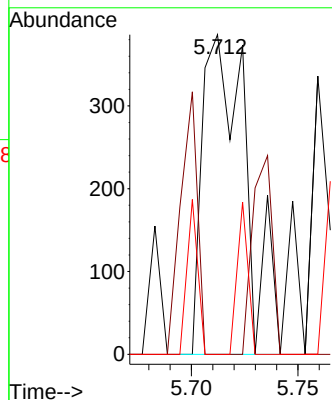
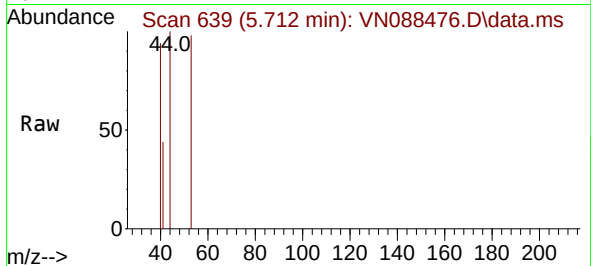




#15
Acrylonitrile
Concen: 0.290 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

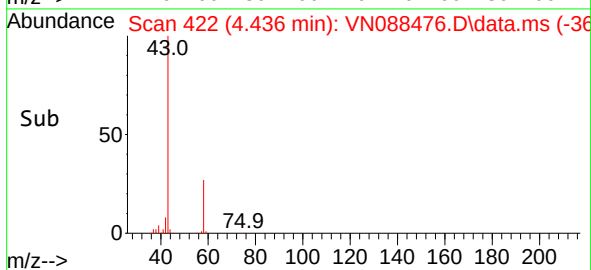
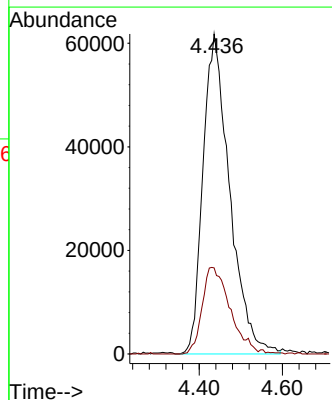
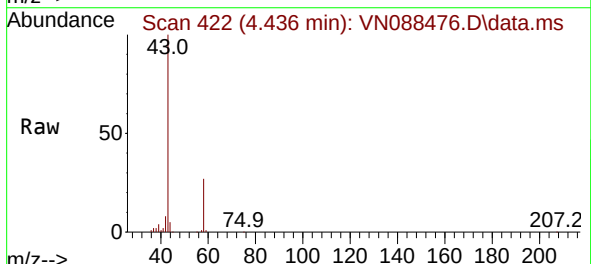
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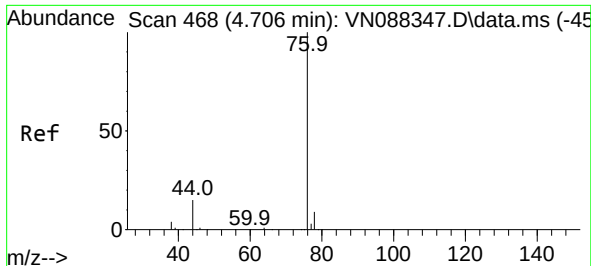
Tgt Ion: 53 Resp: 549
Ion Ratio Lower Upper
53 100
52 31.9 67.8 101.6#
51 12.0 29.8 44.8#



#16
Acetone
Concen: 185.728 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 43 Resp: 275908
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5

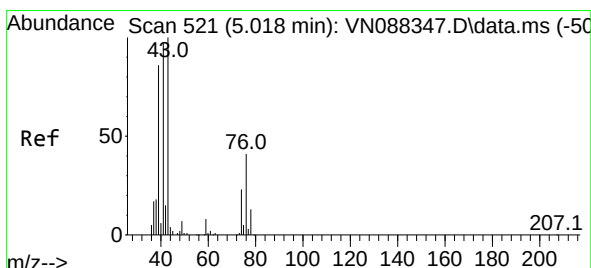
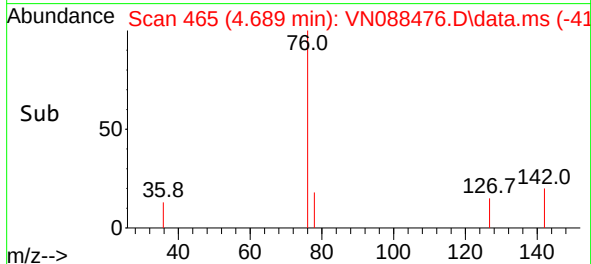
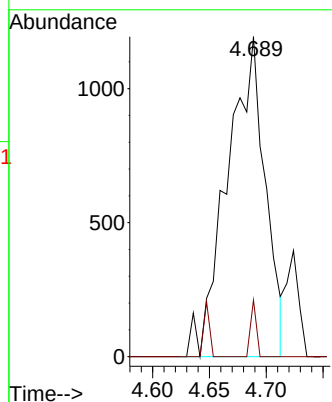
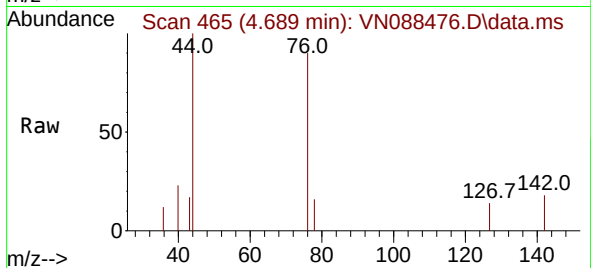




#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.017 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

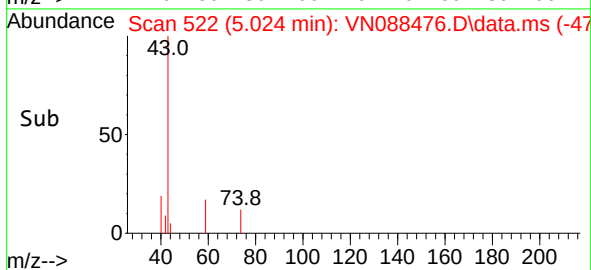
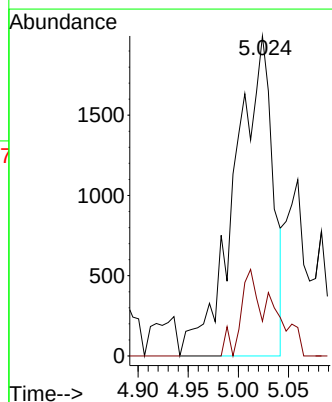
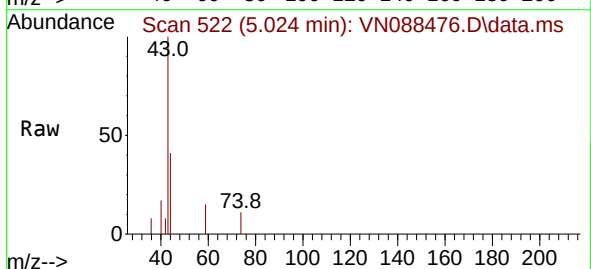
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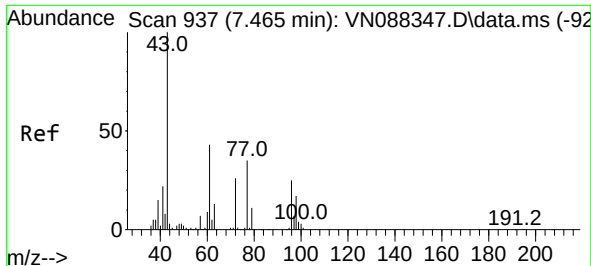
Tgt Ion: 76 Resp: 2777
Ion Ratio Lower Upper
76 100
78 17.7 7.0 10.4#



#18
Methyl Acetate
Concen: 1.194 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 43 Resp: 5278
Ion Ratio Lower Upper
43 100
74 12.9 17.9 26.9#

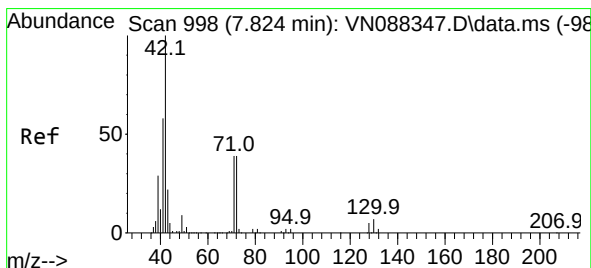
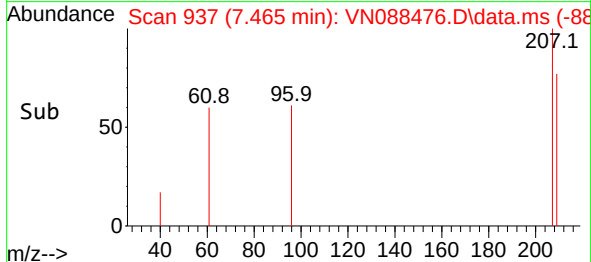
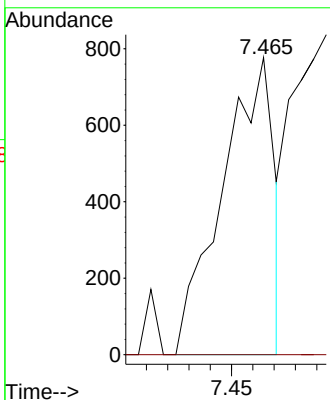
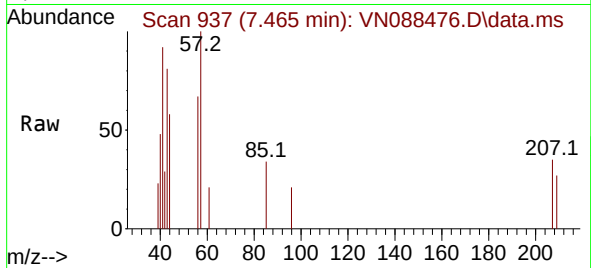




#25
2-Butanone
Concen: 0.551 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
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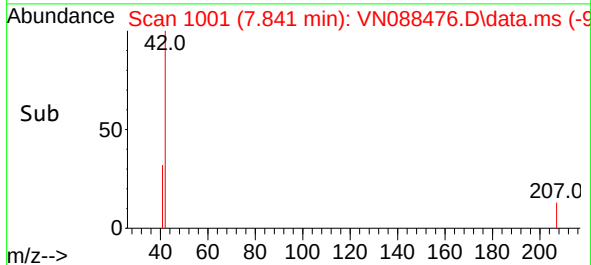
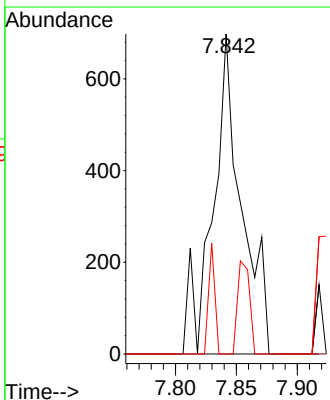
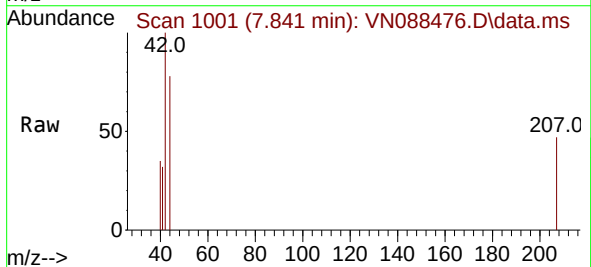
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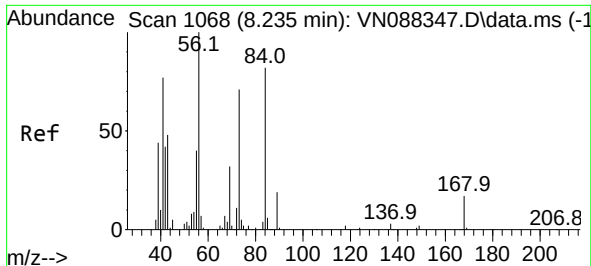
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#29
Tetrahydrofuran
Concen: 0.672 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.018 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 42 Resp: 1151
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 0.0 31.1 46.7#

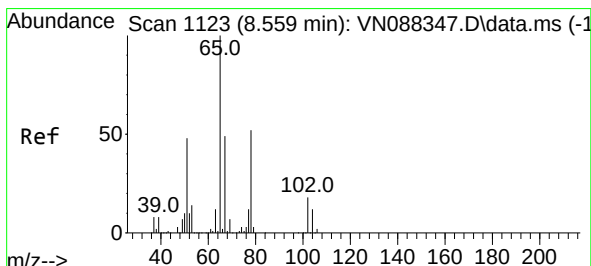
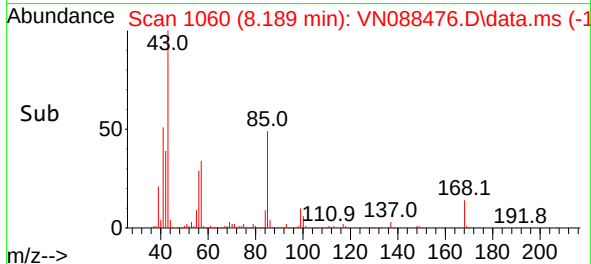
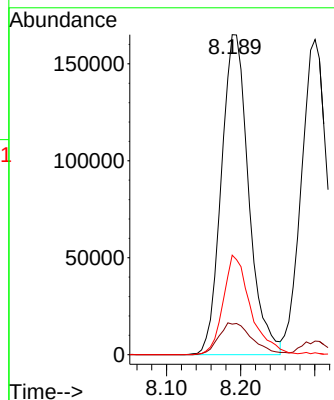
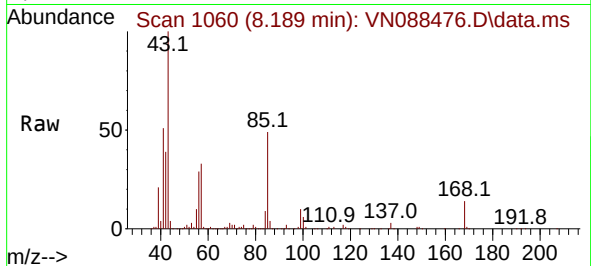




#31
Cyclohexane
Concen: 78.364 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. -0.047 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

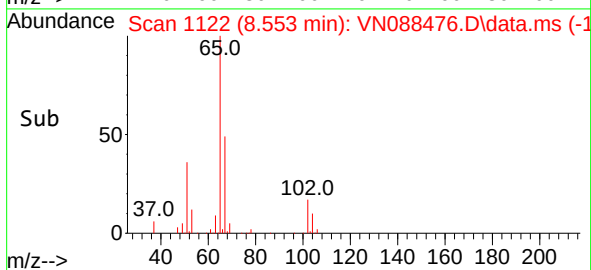
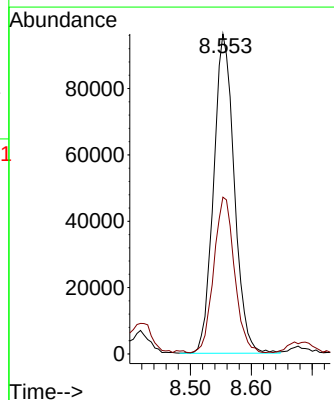
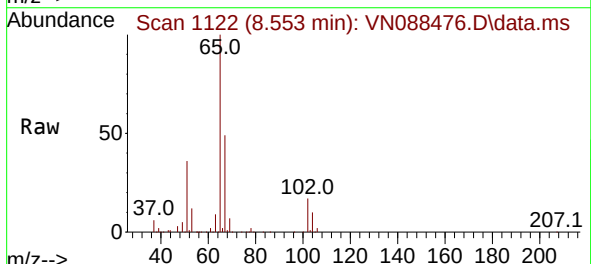
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ClientSampleId :
4207

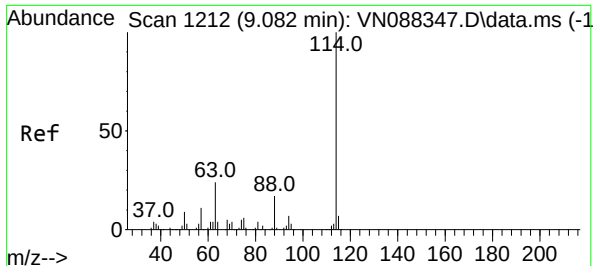
Tgt Ion: 56 Resp: 423342
Ion Ratio Lower Upper
56 100
69 9.6 25.3 37.9#
84 31.1 65.4 98.2#



#33
1,2-Dichloroethane-d4
Concen: 55.168 ug/l
RT: 8.553 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 65 Resp: 226612
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

4207

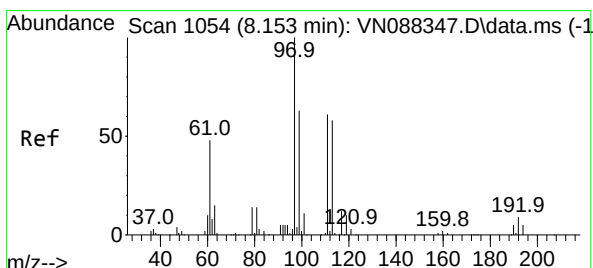
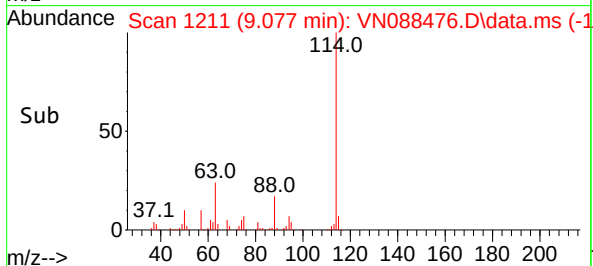
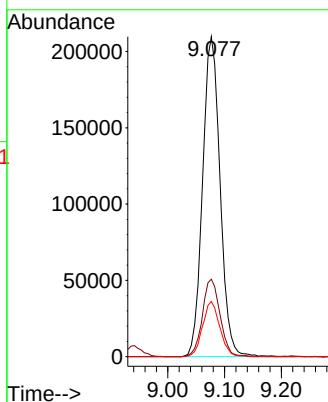
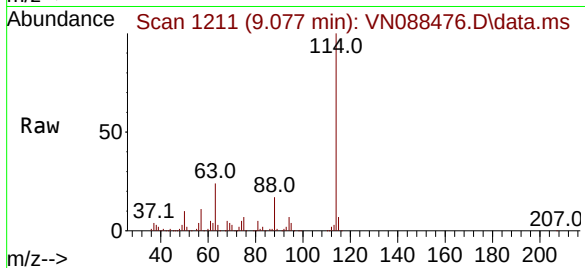
Tgt Ion:114 Resp: 447665

Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.0

88 17.2 0.0 34.0



#35

Dibromofluoromethane

Concen: 51.039 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

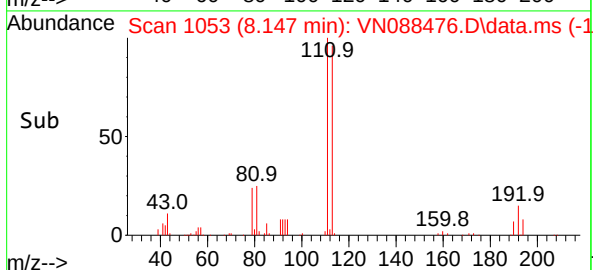
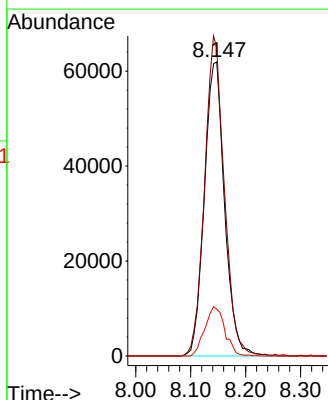
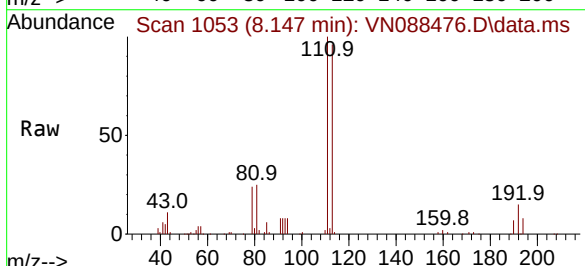
Tgt Ion:113 Resp: 158339

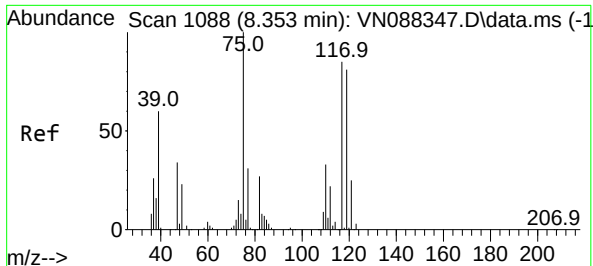
Ion Ratio Lower Upper

113 100

111 105.9 82.5 123.7

192 16.6 12.8 19.2

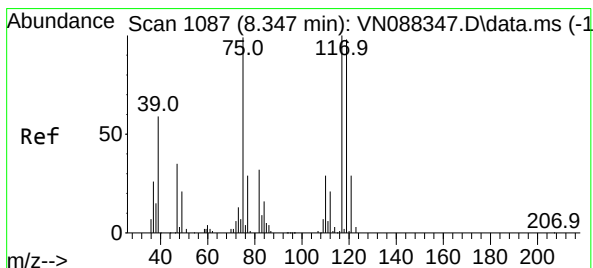
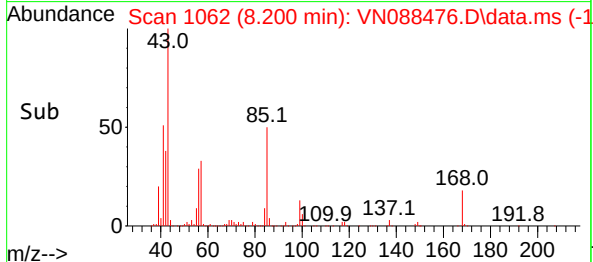
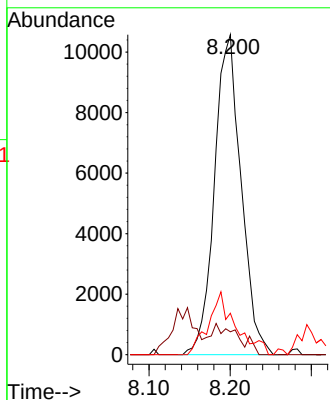
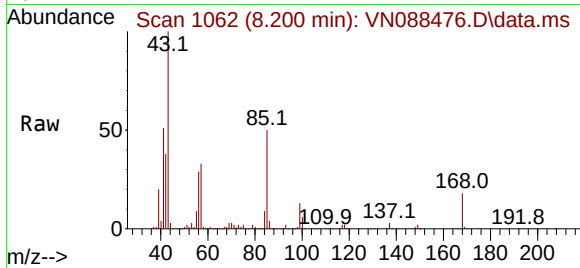




#36
 1,1-Dichloropropene
 Concen: 5.028 ug/l
 RT: 8.200 min Scan# 1062
 Delta R.T. -0.153 min
 Lab File: VN088476.D
 Acq: 09 Dec 2025 13:45

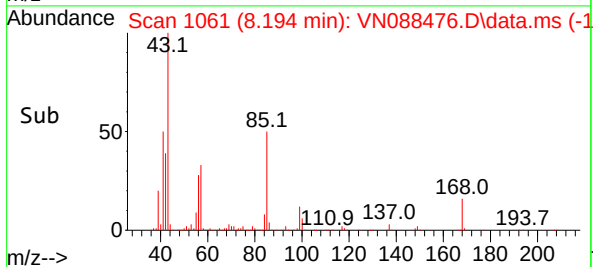
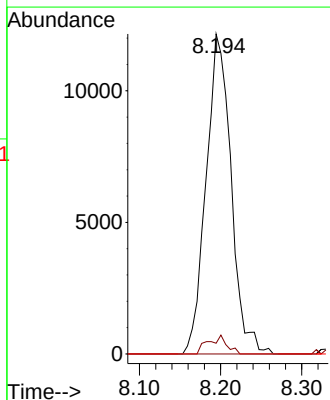
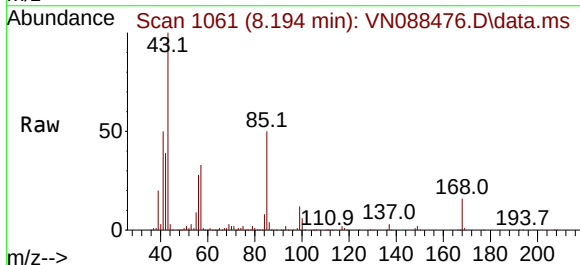
Instrument :
 MSVOA_N
 ClientSampleId :
 4207

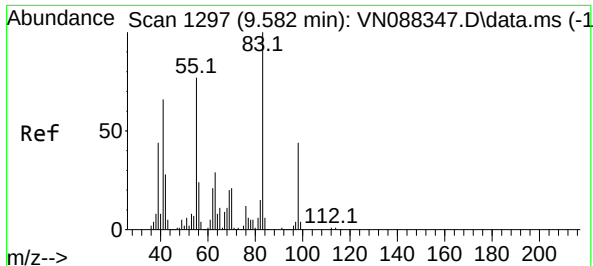
Tgt Ion: 75 Resp: 24072
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.8 47.4#
 77 20.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.465 ug/l
 RT: 8.194 min Scan# 1061
 Delta R.T. -0.153 min
 Lab File: VN088476.D
 Acq: 09 Dec 2025 13:45

Tgt Ion: 117 Resp: 26046
 Ion Ratio Lower Upper
 117 100
 119 3.3 78.2 117.4#
 121 0.0 23.4 35.2#





#39

Methylcyclohexane

Concen: 67.432 ug/l

RT: 9.571 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

4207

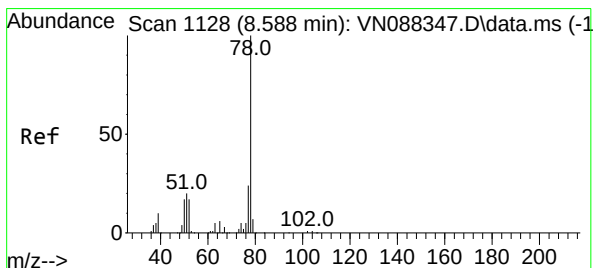
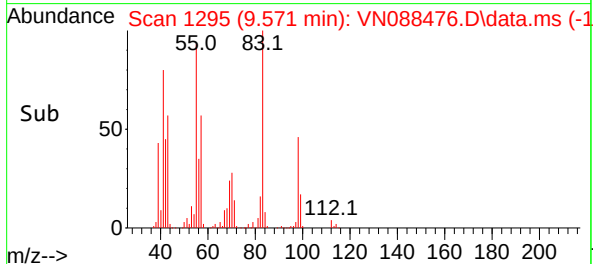
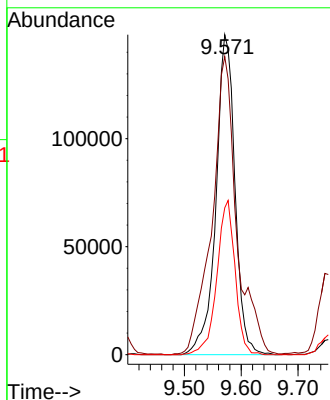
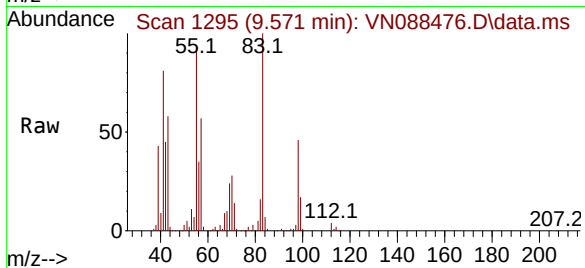
Tgt Ion: 83 Resp: 345338

Ion Ratio Lower Upper

83 100

55 92.9 61.6 92.4#

98 45.9 35.3 52.9



#40

Benzene

Concen: 1.307 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088476.D

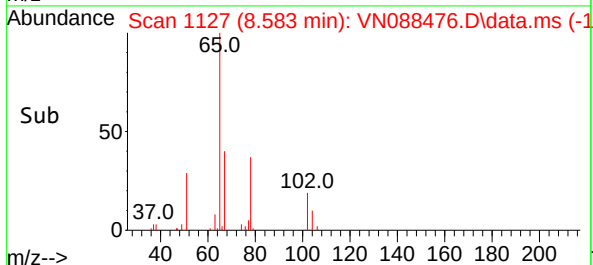
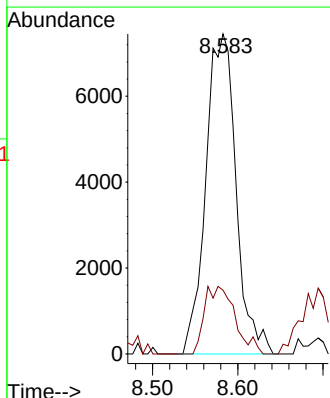
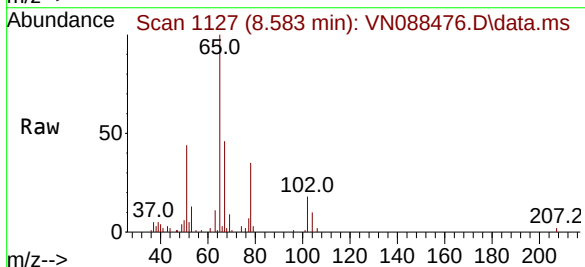
Acq: 09 Dec 2025 13:45

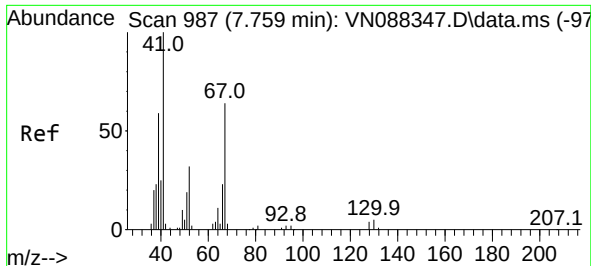
Tgt Ion: 78 Resp: 18364

Ion Ratio Lower Upper

78 100

77 19.9 19.0 28.4

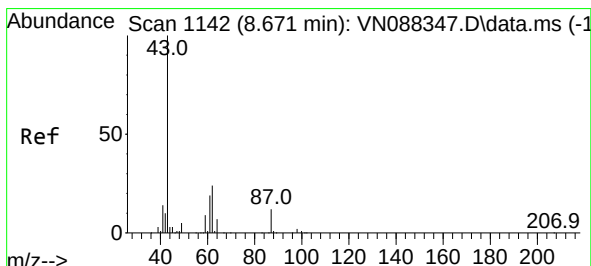
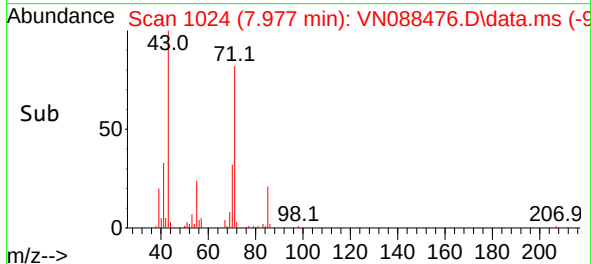
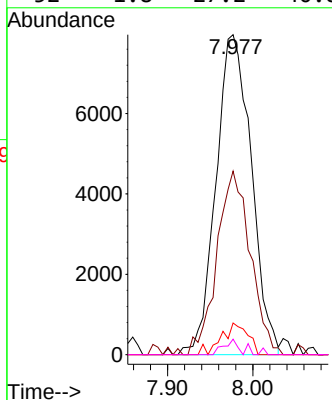
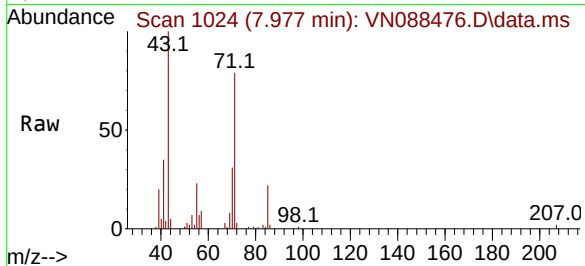




#41
Methacrylonitrile
Concen: 7.361 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.218 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

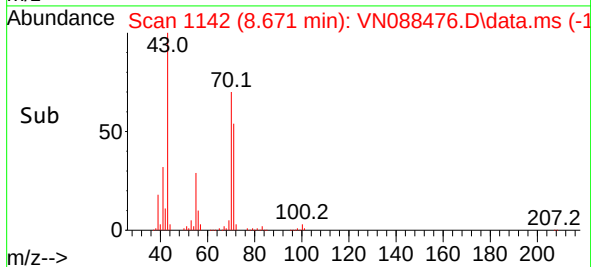
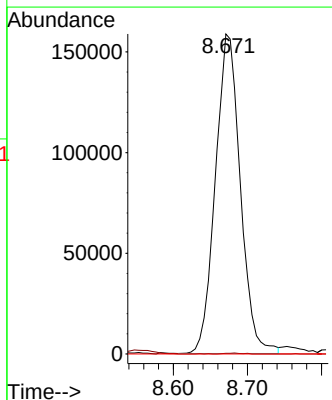
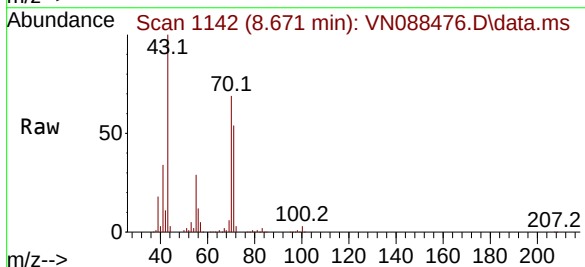
Instrument :
MSVOA_N
ClientSampleId :
4207

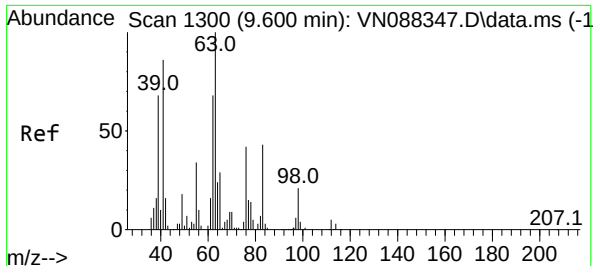
Tgt Ion:	41	Resp:	22952
Ion	Ratio	Lower	Upper
41	100		
39	54.1	46.3	69.5
67	7.4	54.7	82.1#
52	1.8	27.2	40.8#



#43
Isopropyl Acetate
Concen: 38.564 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion:	43	Resp:	370933
Ion	Ratio	Lower	Upper
43	100		
61	0.2	18.7	28.1#
87	0.0	9.1	13.7#





#45

1,2-Dichloropropane

Concen: 2.169 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.023 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

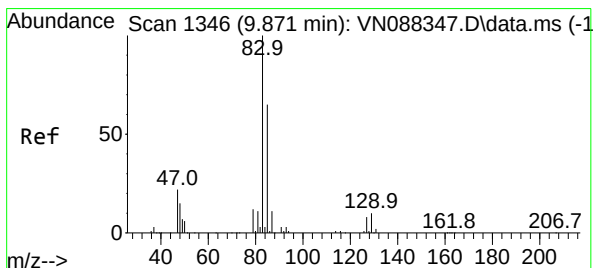
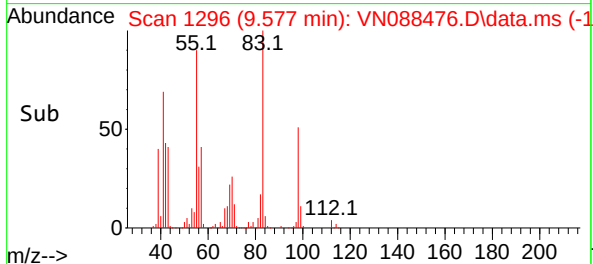
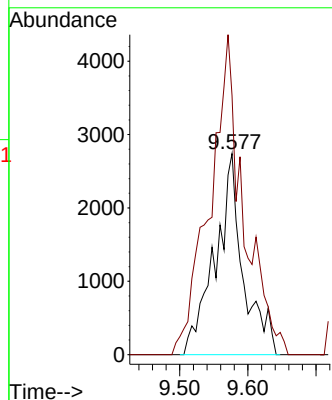
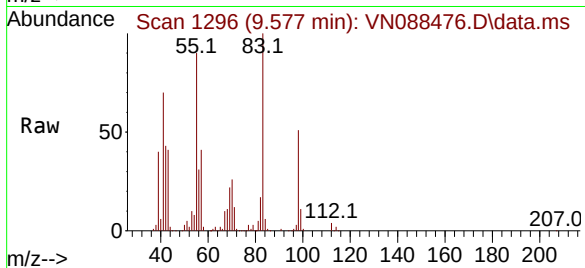
4207

Tgt Ion: 63 Resp: 7808

Ion Ratio Lower Upper

63 100

65 119.7 23.0 34.4#



#47

Bromodichloromethane

Concen: 2.641 ug/l

RT: 9.753 min Scan# 1326

Delta R.T. -0.117 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

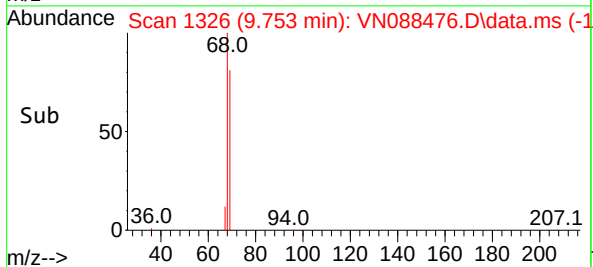
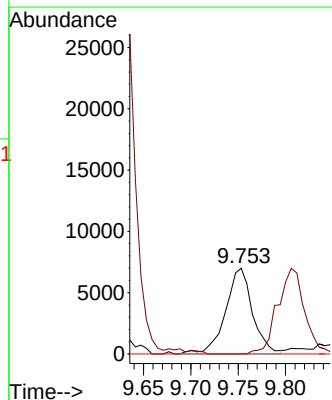
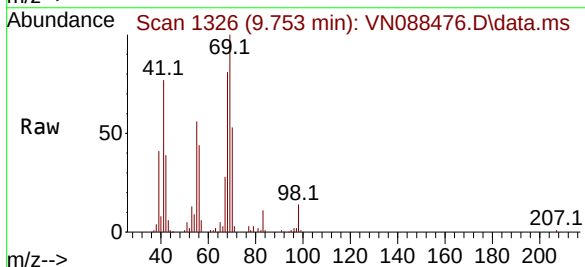
Tgt Ion: 83 Resp: 13844

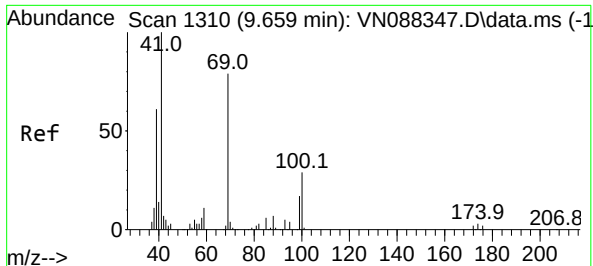
Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 6.3 9.5#





#48

Methyl methacrylate

Concen: 34.604 ug/l

RT: 9.618 min Scan# 1

Delta R.T. -0.041 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

4207

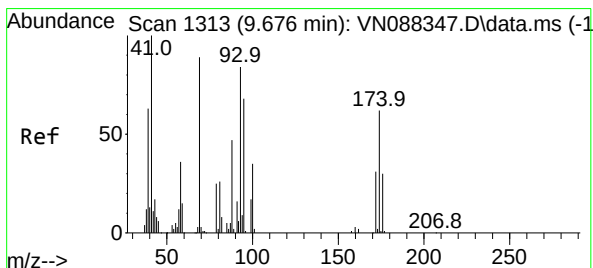
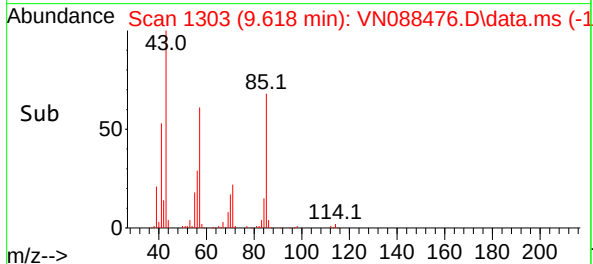
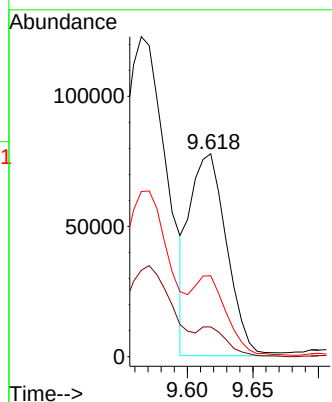
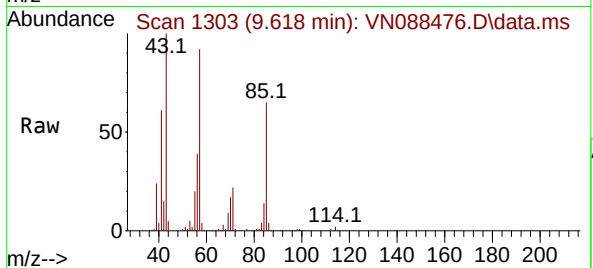
Tgt Ion: 41 Resp: 151865

Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 34.3 52.6 79.0#



#49

1,4-Dioxane

Concen: 1.326 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.036 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

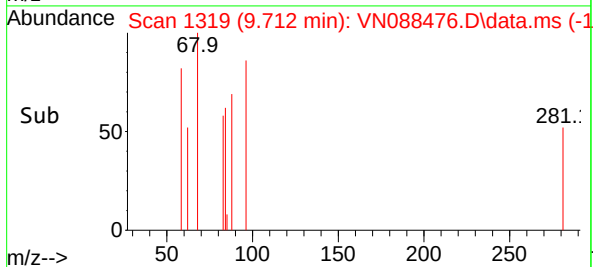
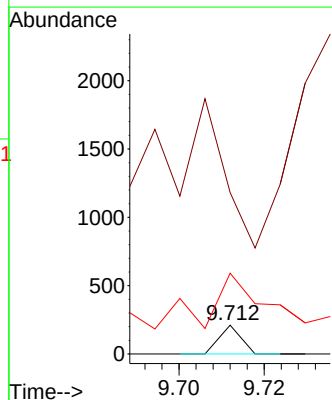
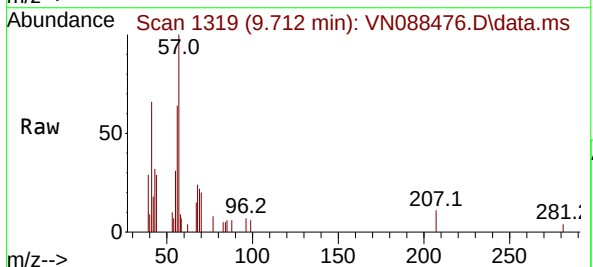
Tgt Ion: 88 Resp: 74

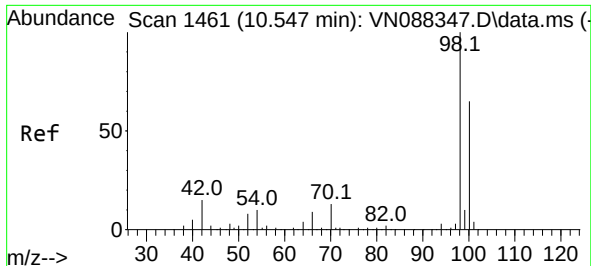
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 1863.5 62.0 93.0#

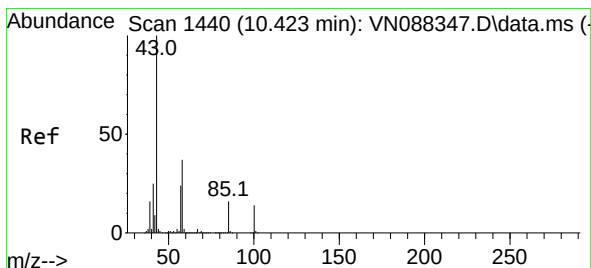
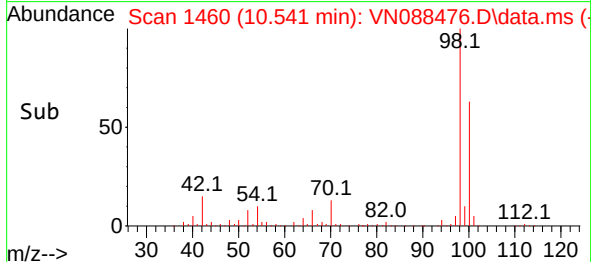
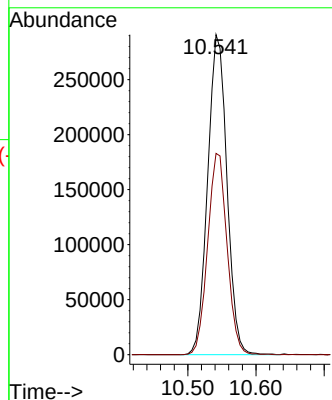
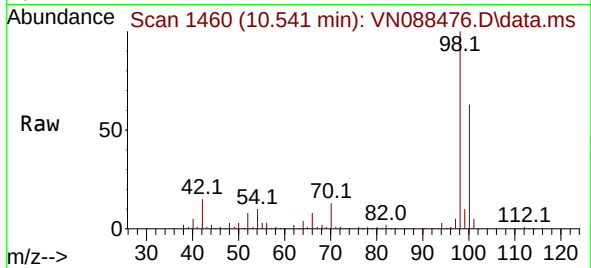




#50
Toluene-d8
Concen: 49.537 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

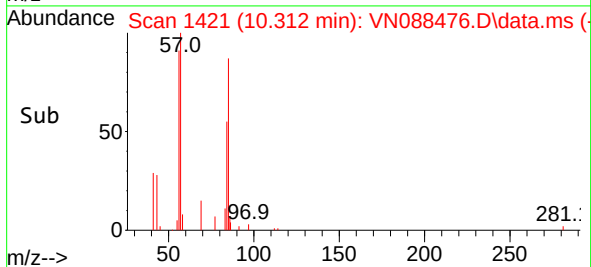
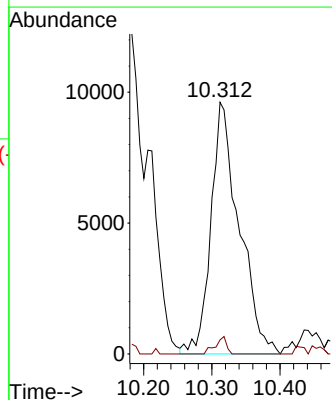
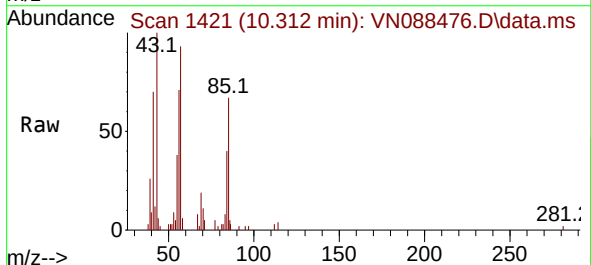
Instrument :
MSVOA_N
ClientSampleId :
4207

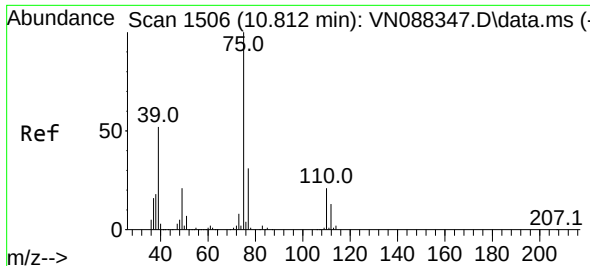
Tgt Ion: 98 Resp: 571808
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 4.884 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.112 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 43 Resp: 27692
Ion Ratio Lower Upper
43 100
58 2.7 29.1 43.7#

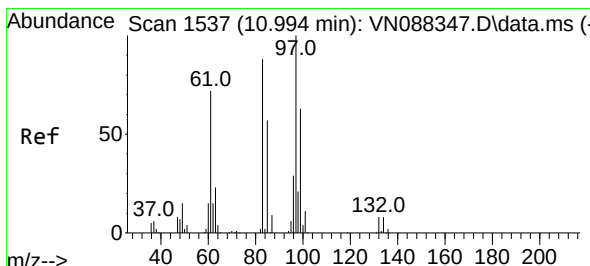
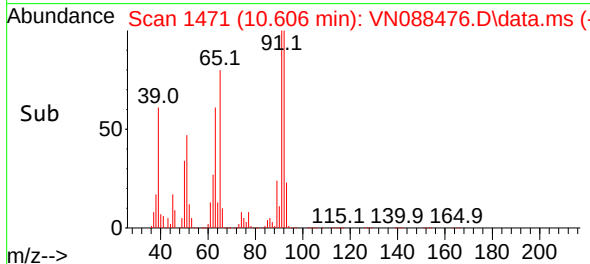
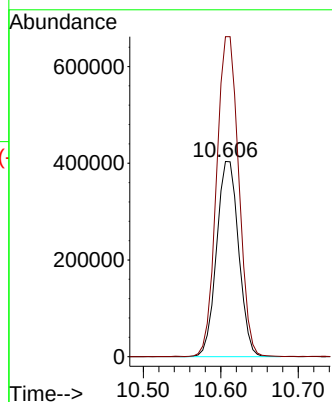
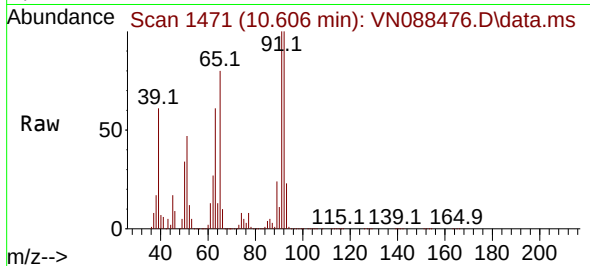




#53
t-1,3-Dichloropropene
Concen: 148.484 ug/l
RT: 10.606 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

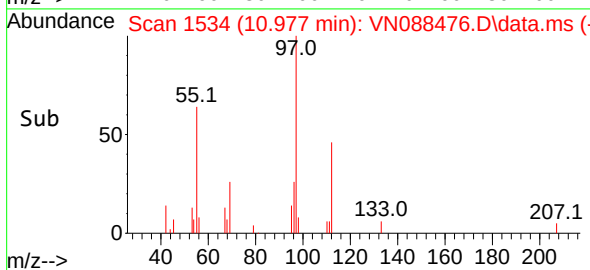
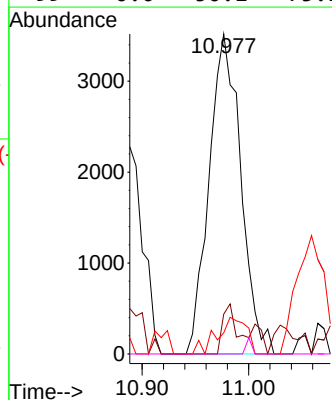
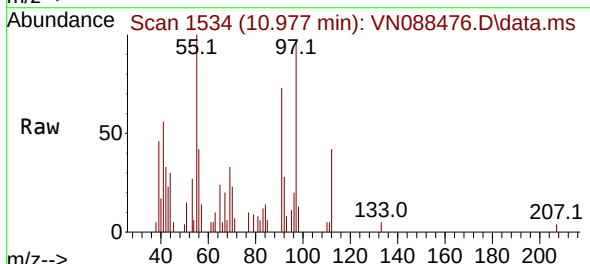
Instrument :
MSVOA_N
ClientSampleId :
4207

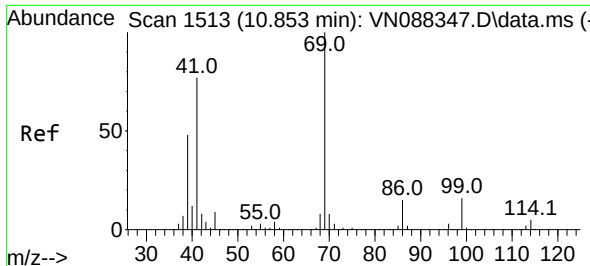
Tgt Ion: 75 Resp: 799035
Ion Ratio Lower Upper
75 100
77 163.7 24.8 37.2#



#55
1,1,2-Trichloroethane
Concen: 2.319 ug/l
RT: 10.977 min Scan# 1534
Delta R.T. -0.017 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 97 Resp: 7279
Ion Ratio Lower Upper
97 100
83 12.4 70.4 105.6#
85 6.6 45.4 68.2#
99 0.0 50.1 75.1#

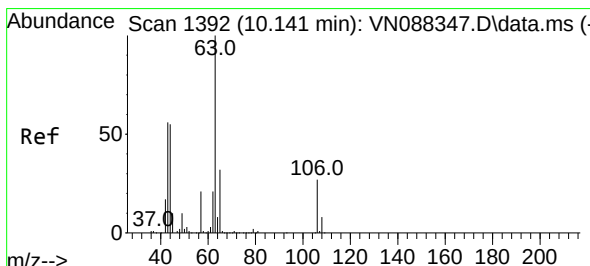
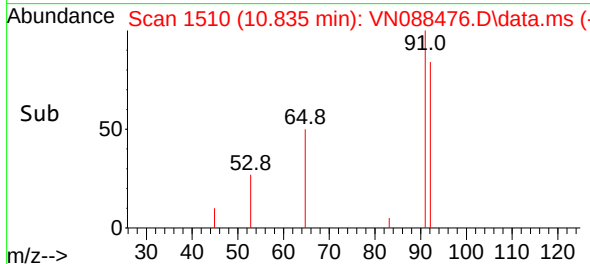
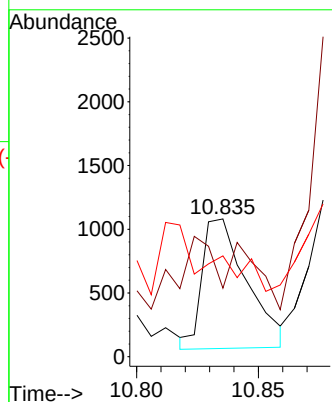
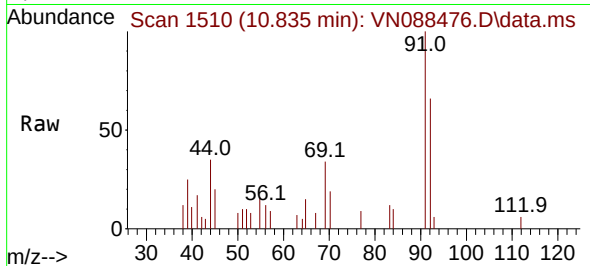




#56
Ethyl methacrylate
Concen: 0.262 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

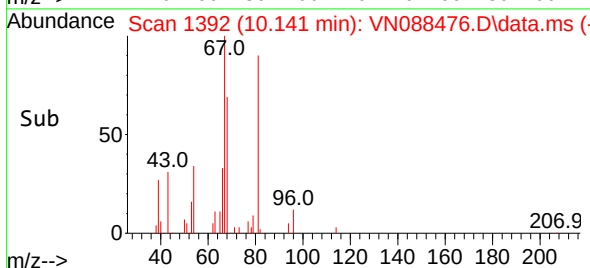
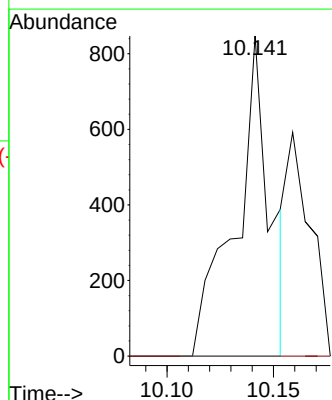
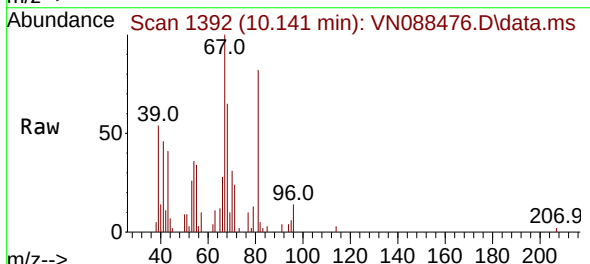
Instrument :
MSVOA_N
ClientSampleId :
4207

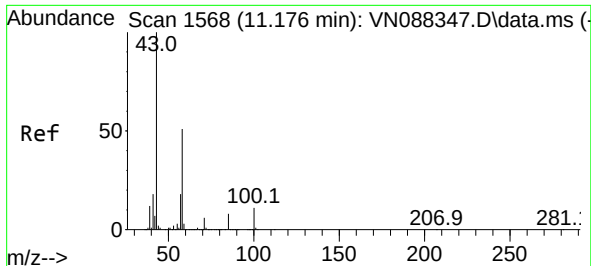
Tgt Ion: 69 Resp: 1301
Ion Ratio Lower Upper
69 100
41 0.0 59.6 89.4#
39 0.0 36.4 54.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.330 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 63 Resp: 943
Ion Ratio Lower Upper
63 100
106 0.0 20.5 30.7#

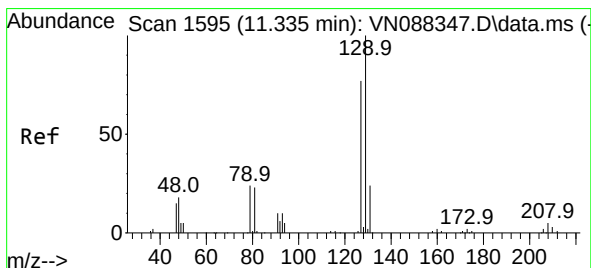
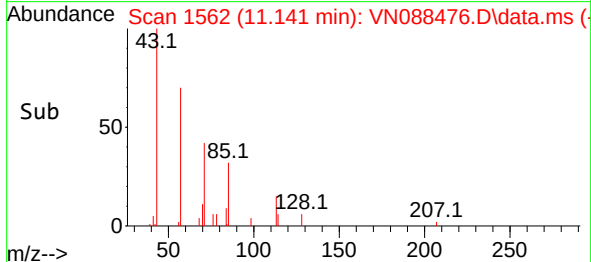
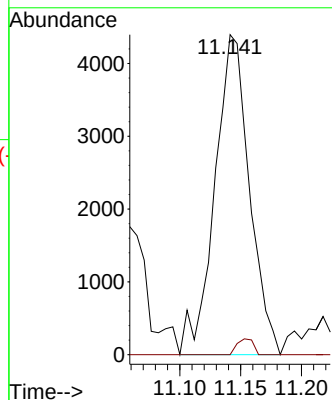
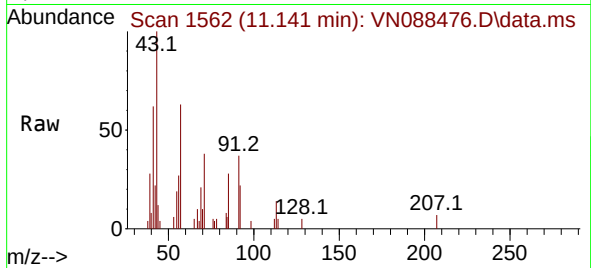




#59
2-Hexanone
Concen: 2.439 ug/l
RT: 11.141 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

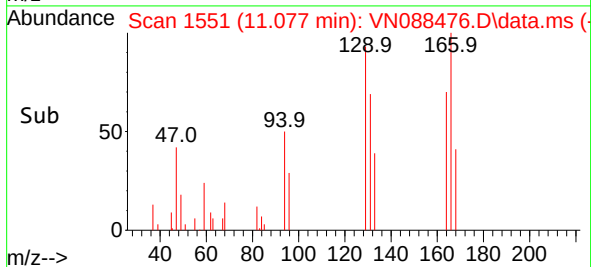
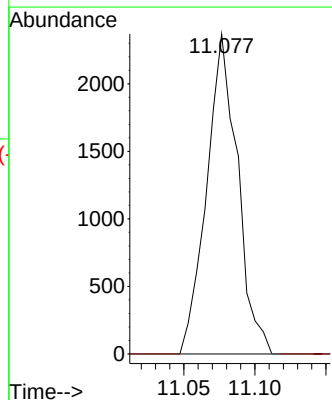
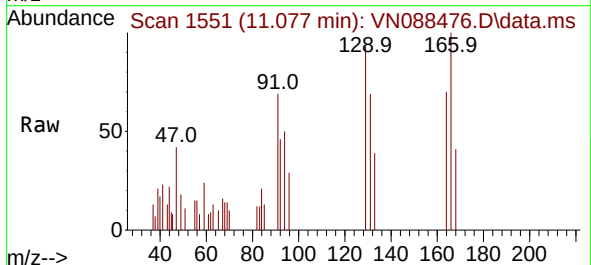
Instrument :
MSVOA_N
ClientSampleId :
4207

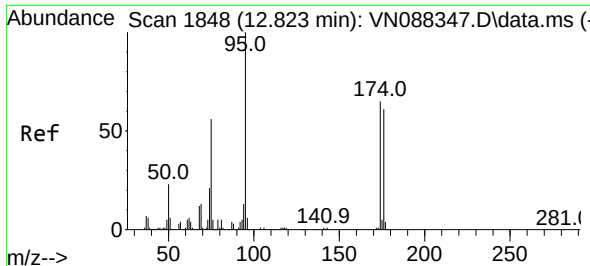
Tgt Ion: 43 Resp: 8710
Ion Ratio Lower Upper
43 100
58 2.3 25.3 75.9#



#60
Dibromochloromethane
Concen: 1.002 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.259 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 129 Resp: 3585
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#

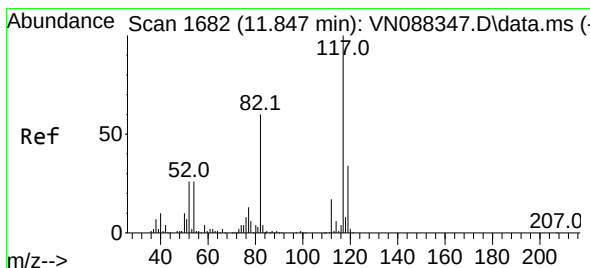
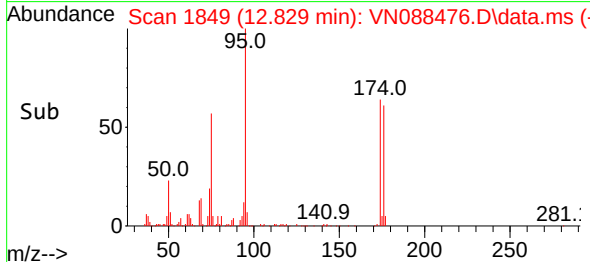
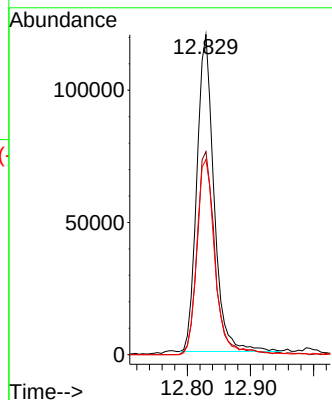
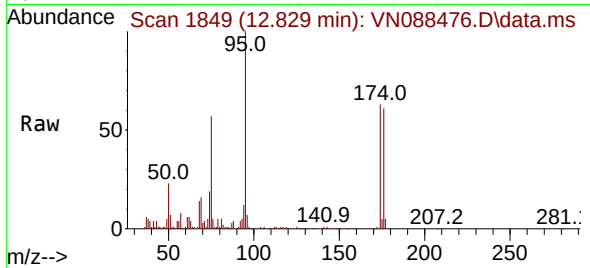




#62
4-Bromofluorobenzene
Concen: 56.942 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

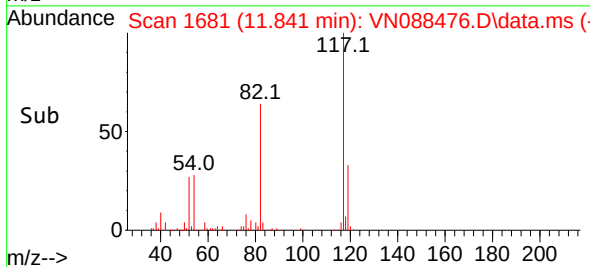
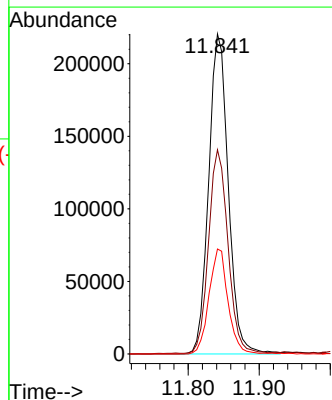
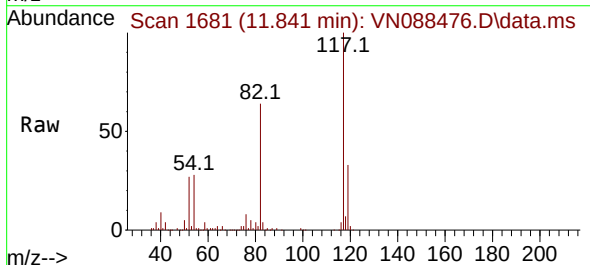
Instrument :
MSVOA_N
ClientSampleId :
4207

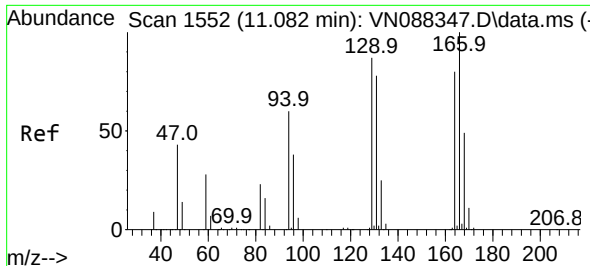
Tgt Ion: 95 Resp: 225525
Ion Ratio Lower Upper
95 100
174 66.8 0.0 139.0
176 66.0 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 117 Resp: 423132
Ion Ratio Lower Upper
117 100
82 63.6 47.8 71.8
119 32.8 26.9 40.3

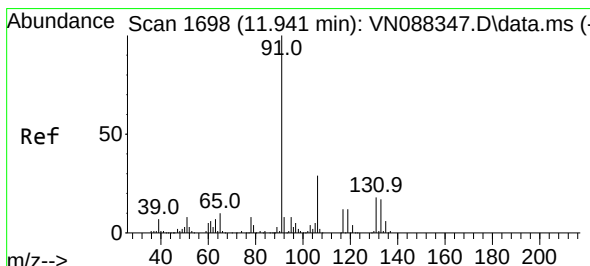
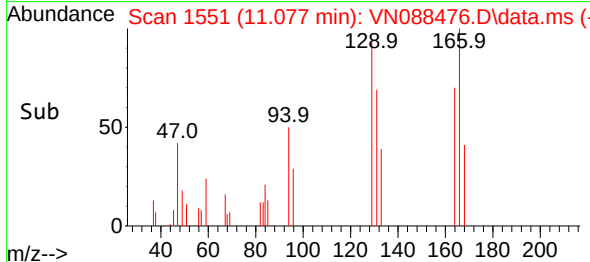
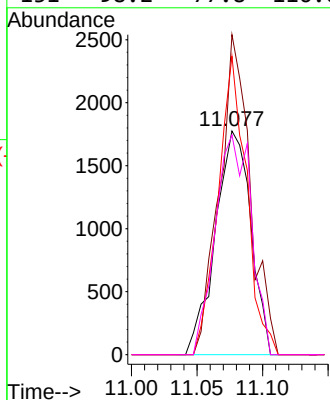
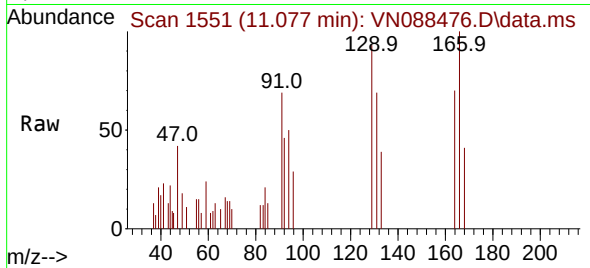




#64
Tetrachloroethene
Concen: 0.993 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

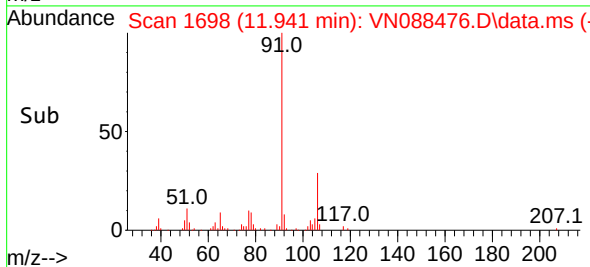
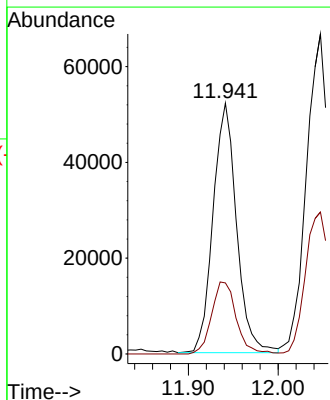
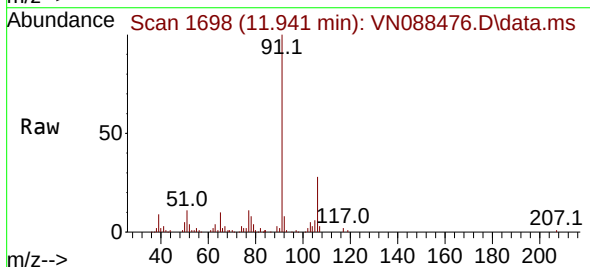
Instrument :
MSVOA_N
ClientSampleId :
4207

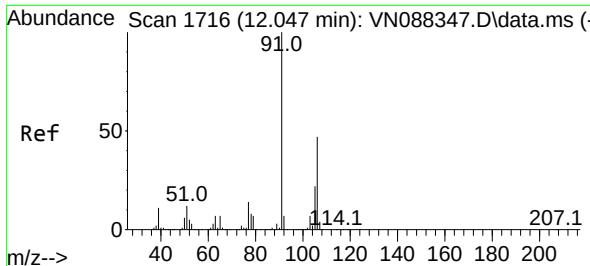
Tgt Ion:164	Resp:	3332
Ion	Ratio	Lower Upper
164	100	
166	143.0	99.6 149.4
129	133.4	86.6 129.8#
131	98.2	77.8 116.6



#67
Ethyl Benzene
Concen: 5.707 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 91	Resp:	94796
Ion	Ratio	Lower Upper
91	100	
106	28.5	23.6 35.4

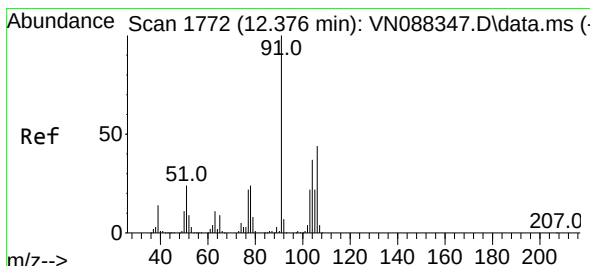
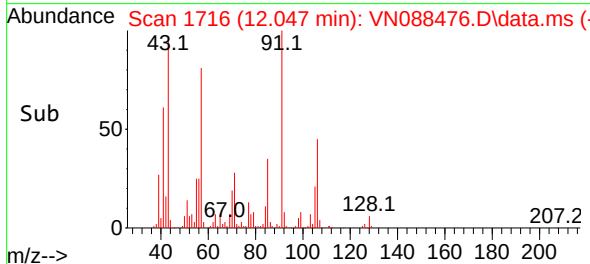
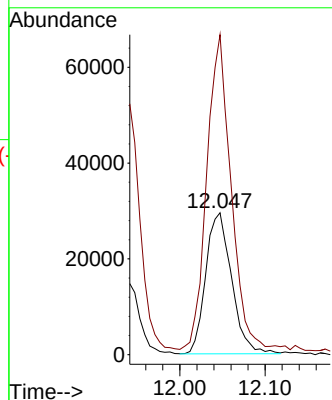
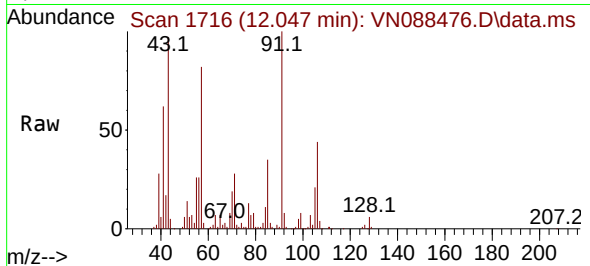




#68
m/p-Xylenes
Concen: 10.077 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

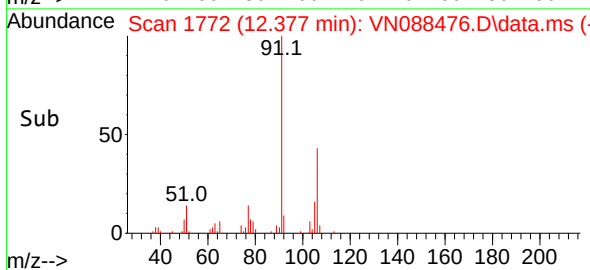
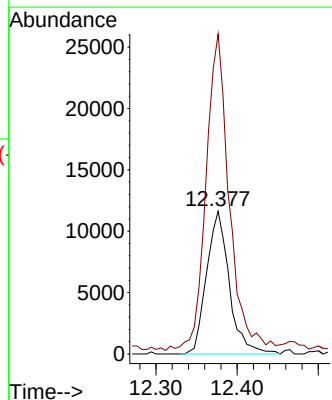
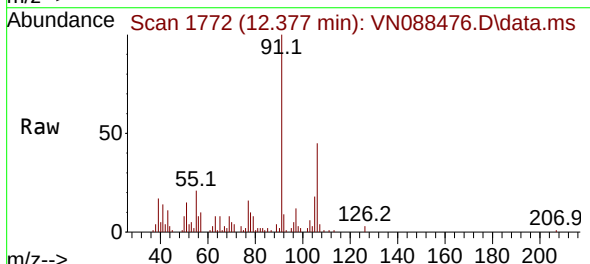
Instrument :
MSVOA_N
ClientSampleId :
4207

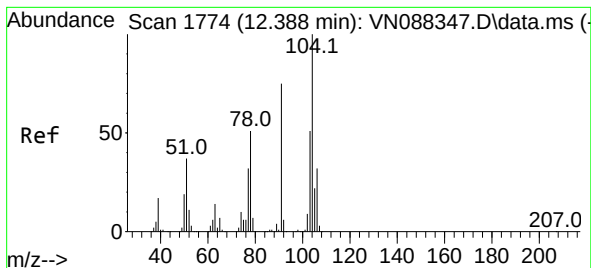
Tgt Ion:106 Resp: 62064
Ion Ratio Lower Upper
106 100
91 208.3 167.8 251.6



#69
o-Xylene
Concen: 3.850 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion:106 Resp: 22607
Ion Ratio Lower Upper
106 100
91 227.7 112.9 338.7





#70

Styrene

Concen: 0.386 ug/l

RT: 12.382 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

4207

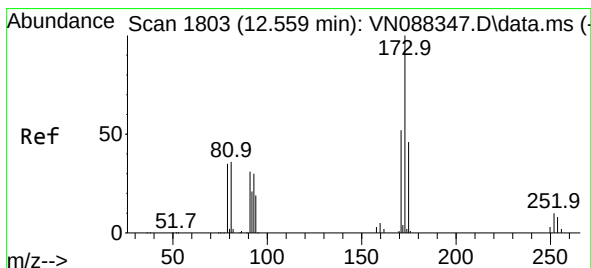
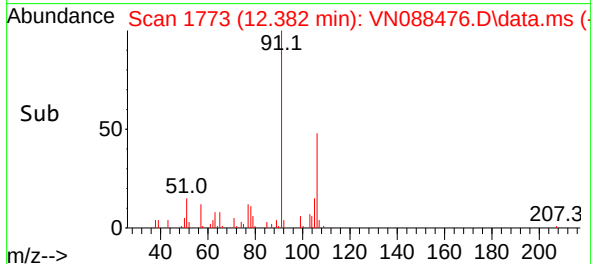
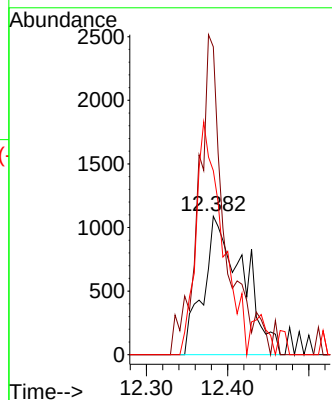
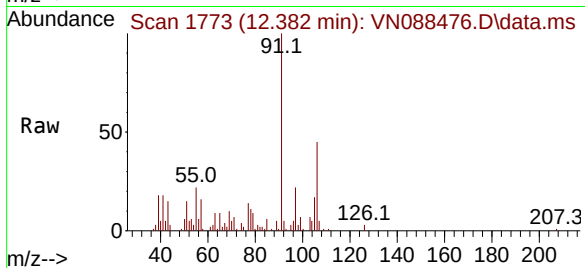
Tgt Ion:104 Resp: 3682

Ion Ratio Lower Upper

104 100

78 155.7 44.3 66.5#

103 112.1 44.2 66.4#



#71

Bromoform

Concen: 0.257 ug/l

RT: 12.824 min Scan# 1848

Delta R.T. 0.265 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

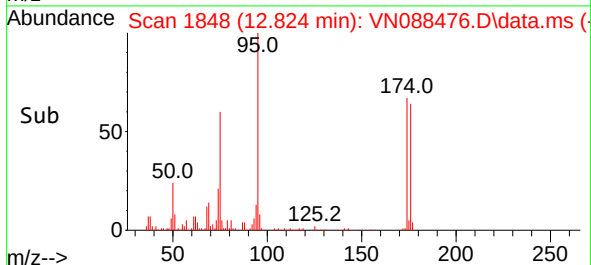
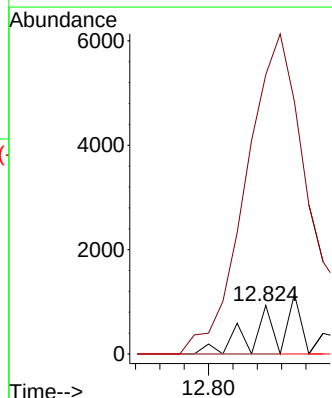
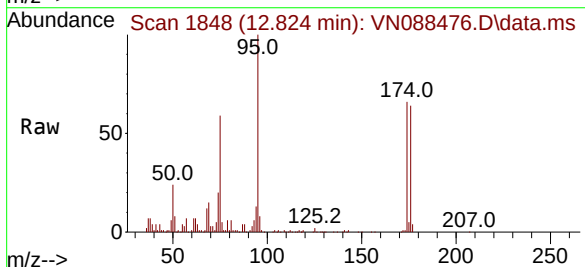
Tgt Ion:173 Resp: 603

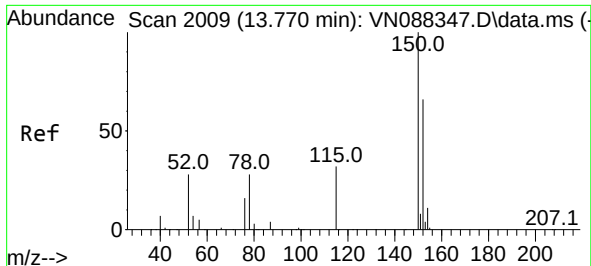
Ion Ratio Lower Upper

173 100

175 1434.3 23.9 71.8#

254 0.0 0.1 0.1#

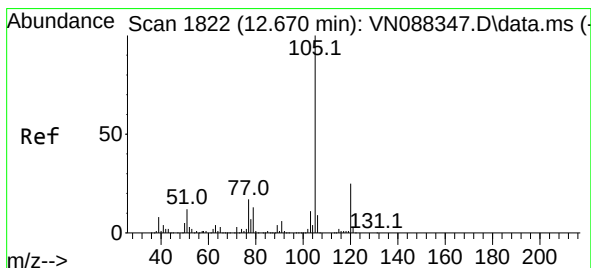
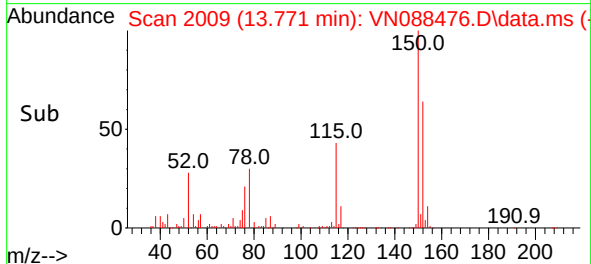
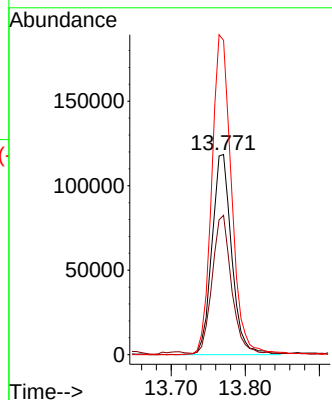
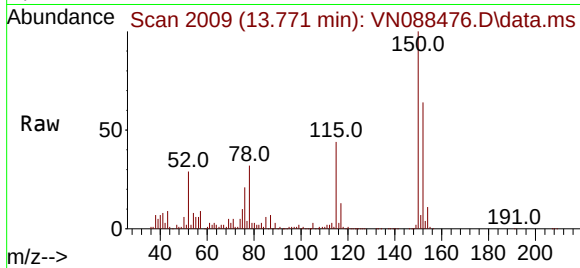




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

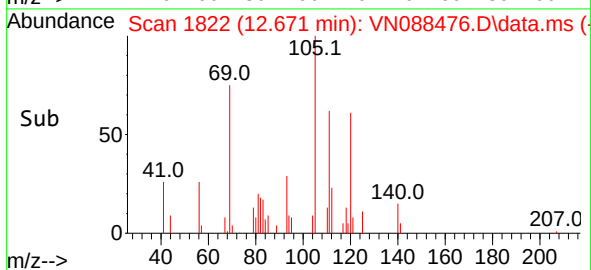
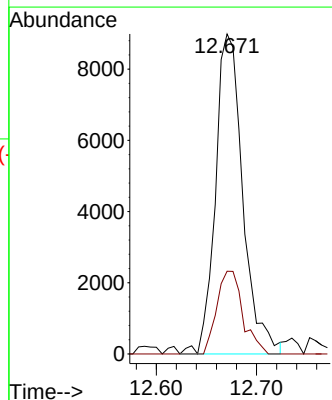
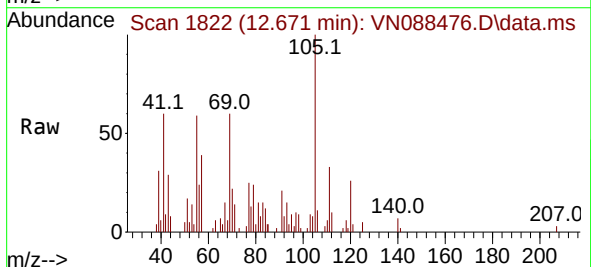
Instrument :
MSVOA_N
ClientSampleId :
4207

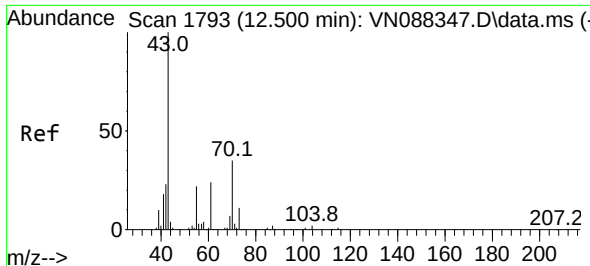
Tgt Ion:152 Resp: 219623
Ion Ratio Lower Upper
152 100
115 67.5 33.0 98.9
150 160.4 0.0 349.0



#73
Isopropylbenzene
Concen: 1.047 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion:105 Resp: 16998
Ion Ratio Lower Upper
105 100
120 24.6 12.8 38.3

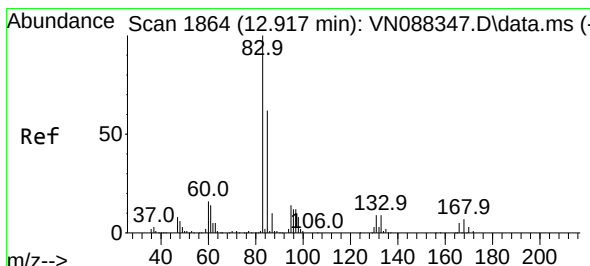
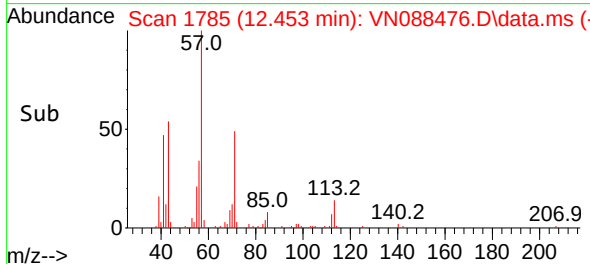
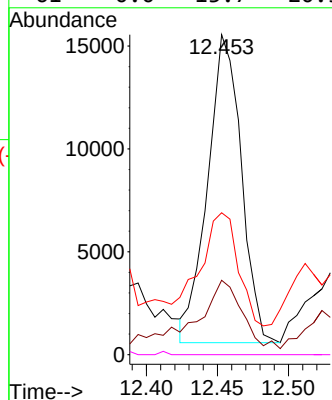
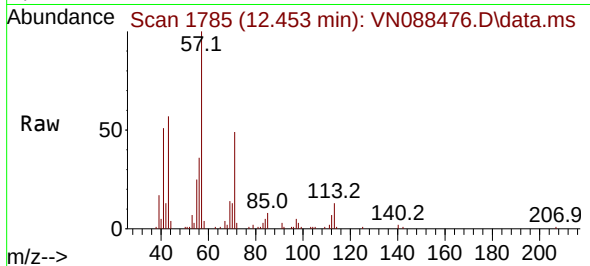




#74
N-amy1 acetate
Concen: 4.457 ug/l
RT: 12.453 min Scan# 1
Delta R.T. -0.047 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

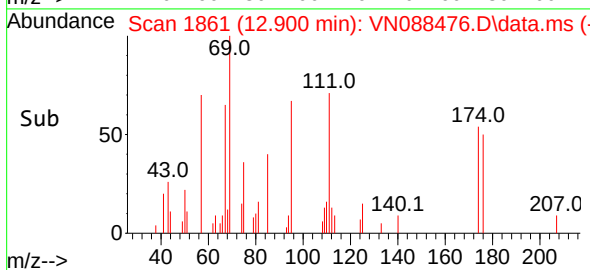
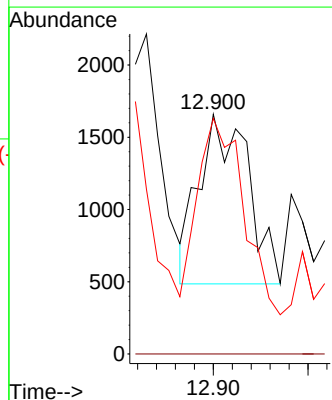
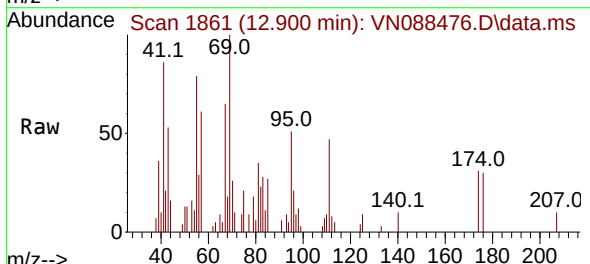
Instrument :
MSVOA_N
ClientSampleId :
4207

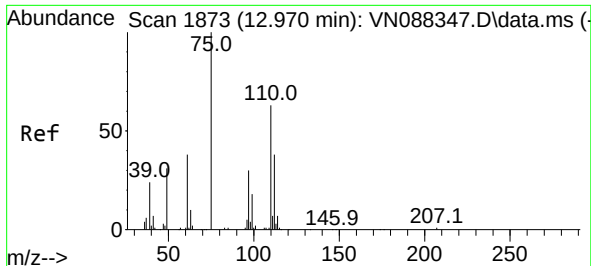
Tgt Ion: 43	Resp: 24646
Ion Ratio	Lower Upper
43 100	
70 31.4	28.3 42.5
55 42.2	17.7 26.5#
61 0.0	13.7 20.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.403 ug/l
RT: 12.900 min Scan# 1861
Delta R.T. -0.017 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 83	Resp: 2118
Ion Ratio	Lower Upper
83 100	
131 0.0	4.8 14.4#
85 0.0	32.1 96.5#

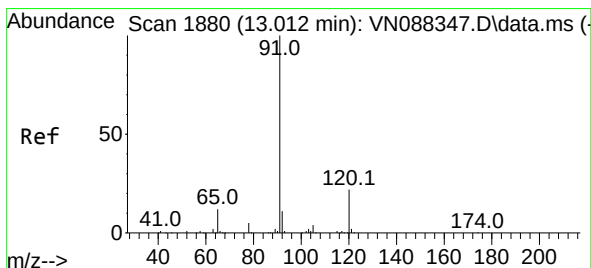
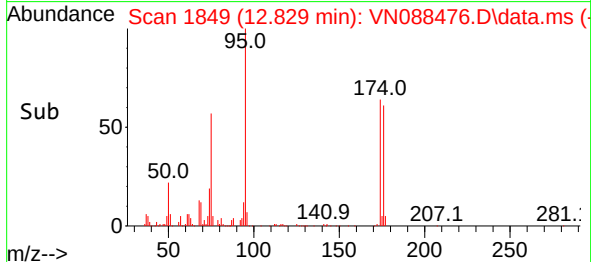
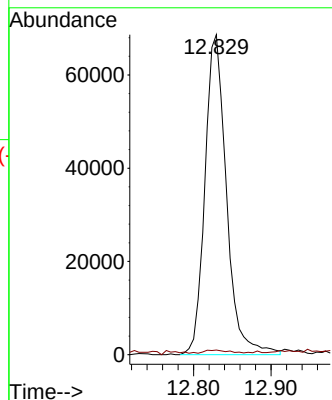
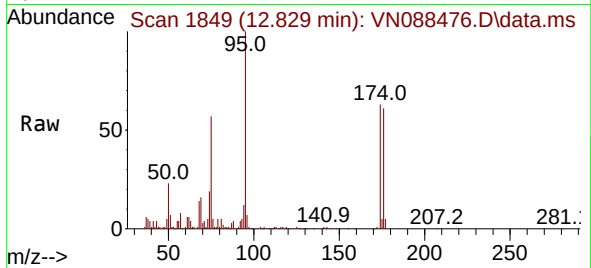




#76
1,2,3-Trichloropropane
Concen: 25.769 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

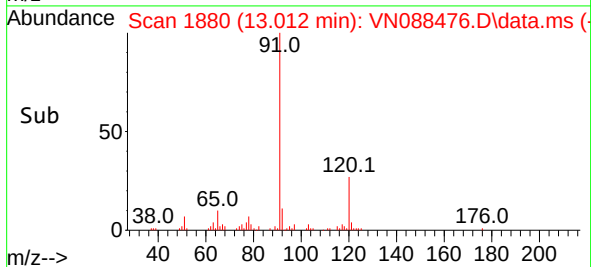
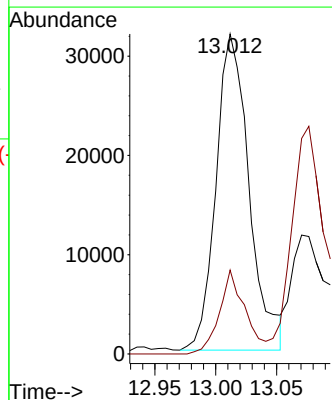
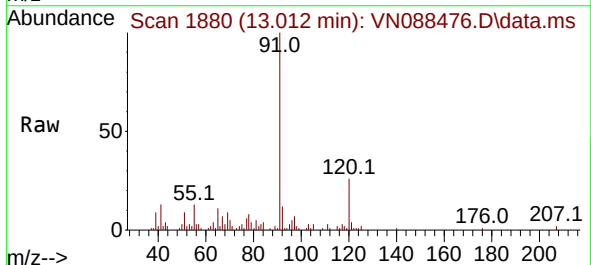
Instrument :
MSVOA_N
ClientSampleId :
4207

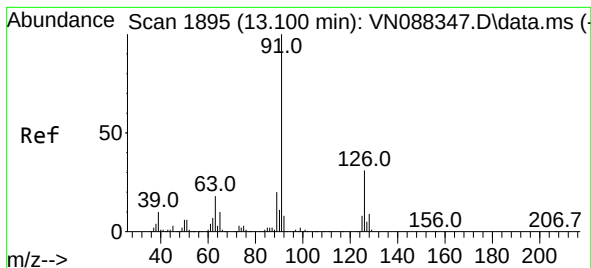
Tgt Ion: 75 Resp: 132555
Ion Ratio Lower Upper
75 100
77 1.2 87.2 261.6#



#78
n-propylbenzene
Concen: 3.035 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 91 Resp: 60289
Ion Ratio Lower Upper
91 100
120 20.7 10.9 32.6





#79

2-Chlorotoluene

Concen: 0.218 ug/l

RT: 13.200 min Scan# 1895

Delta R.T. 0.100 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

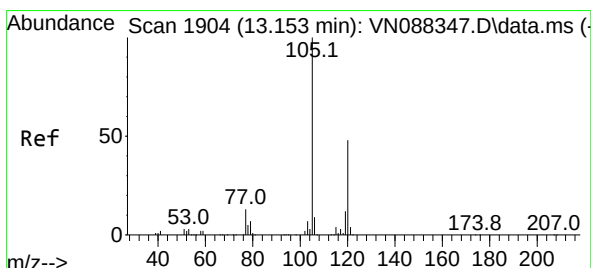
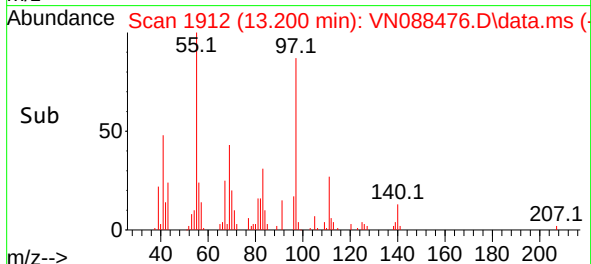
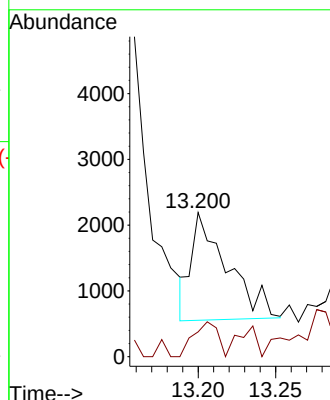
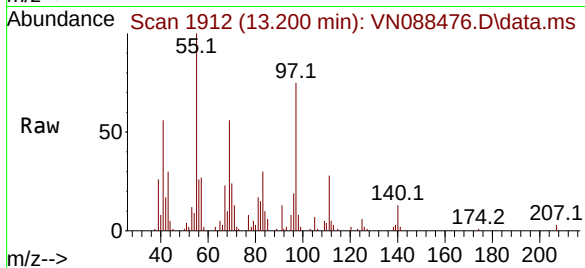
4207

Tgt Ion: 91 Resp: 2640

Ion Ratio Lower Upper

91 100

126 21.8 15.3 45.9



#80

1,3,5-Trimethylbenzene

Concen: 5.342 ug/l

RT: 13.147 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN088476.D

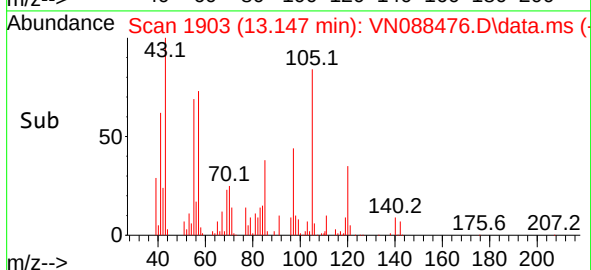
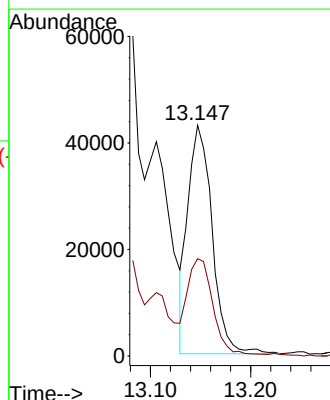
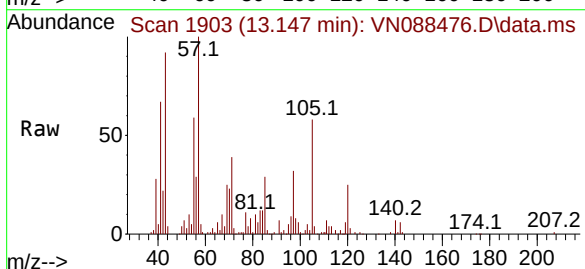
Acq: 09 Dec 2025 13:45

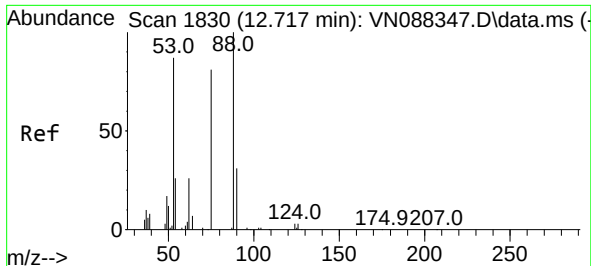
Tgt Ion: 105 Resp: 71883

Ion Ratio Lower Upper

105 100

120 43.4 23.8 71.5

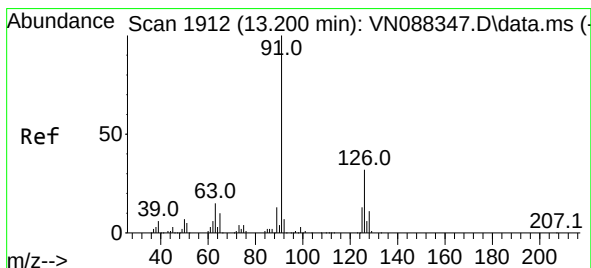
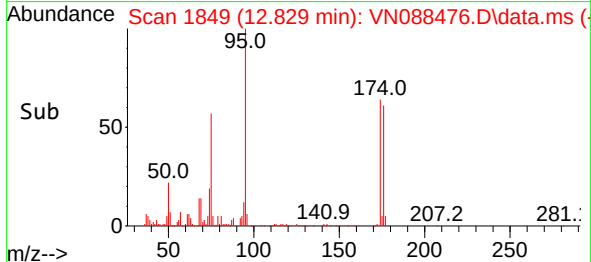
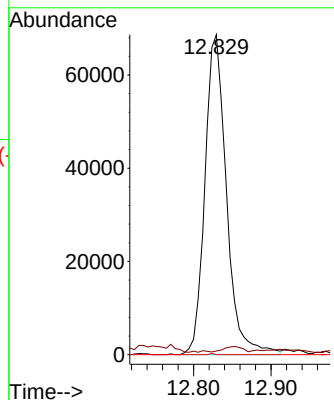
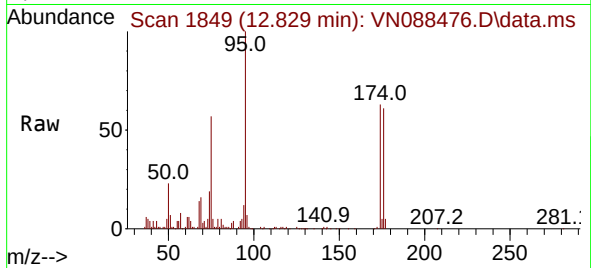




#81
trans-1,4-Dichloro-2-butene
Concen: 73.105 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

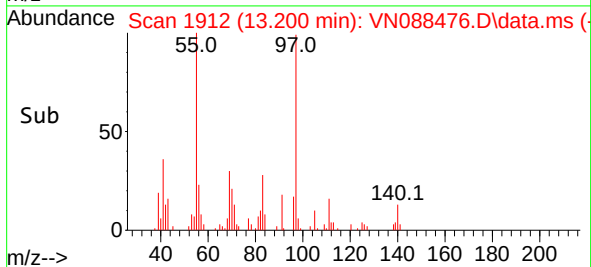
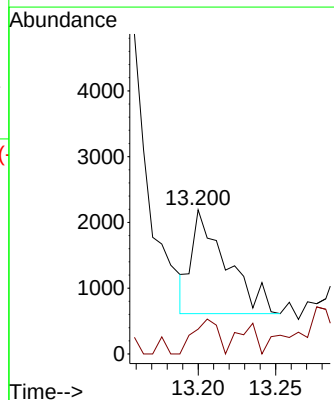
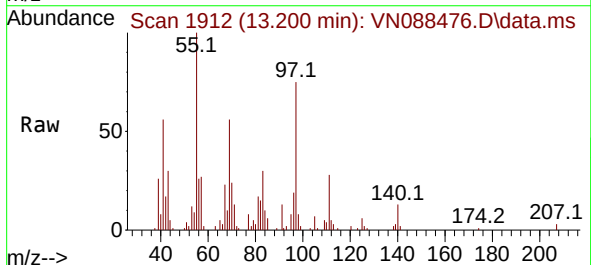
Instrument :
MSVOA_N
ClientSampleId :
4207

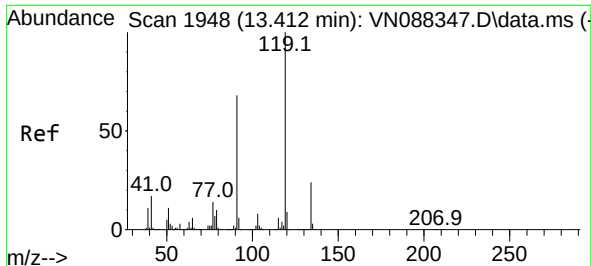
Tgt Ion: 75 Resp: 132555
Ion Ratio Lower Upper
75 100
53 0.2 92.2 138.4#
89 0.1 0.0 0.0#



#82
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 91 Resp: 2465
Ion Ratio Lower Upper
91 100
126 23.3 15.6 46.7

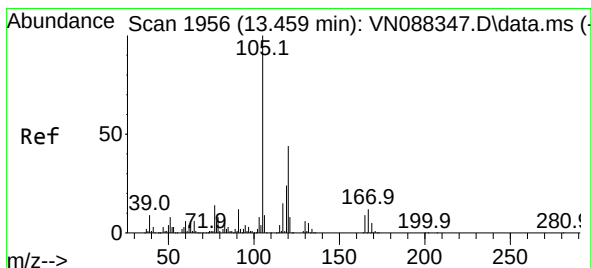
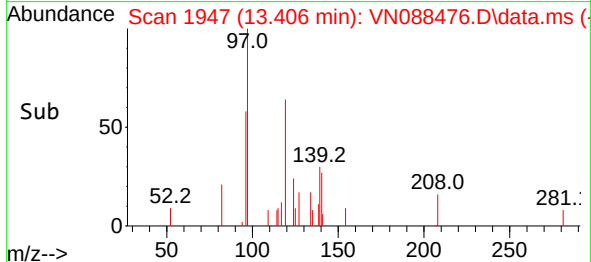
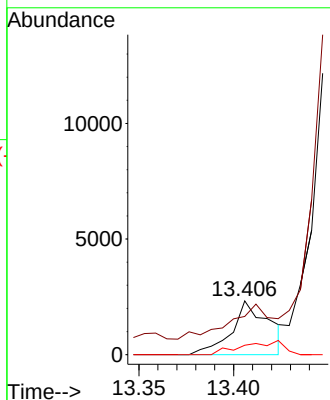
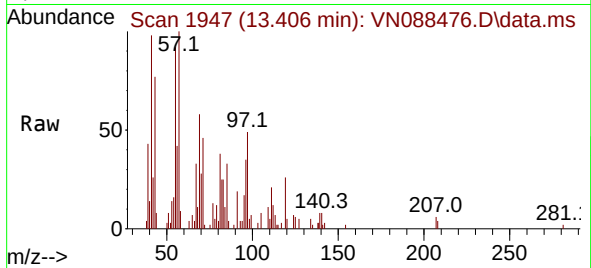




#83
tert-Butylbenzene
Concen: 0.277 ug/l
RT: 13.406 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

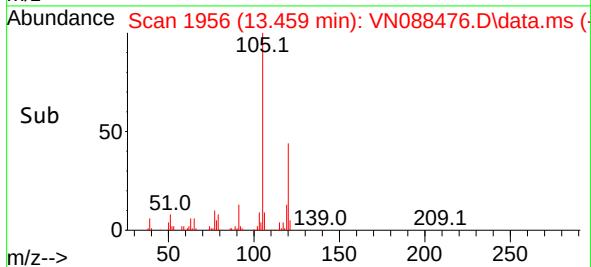
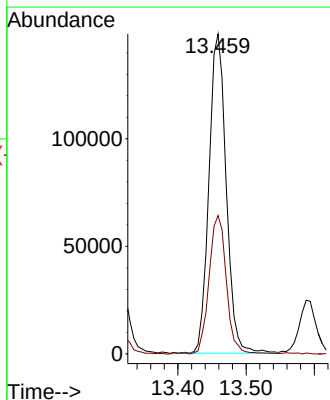
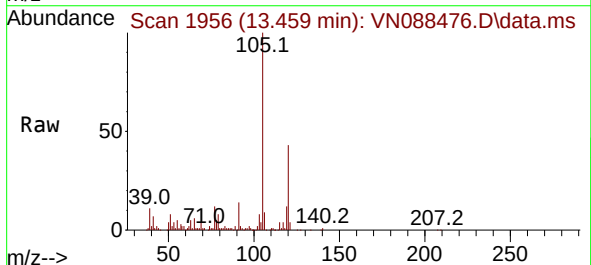
Instrument :
MSVOA_N
ClientSampleId :
4207

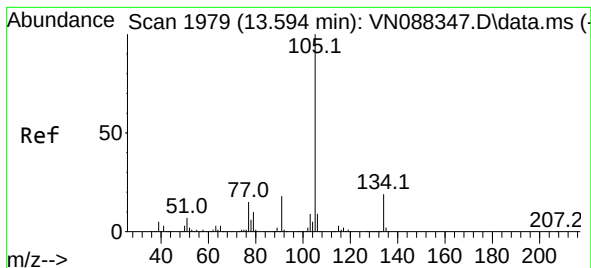
Tgt Ion:119 Resp: 3163
Ion Ratio Lower Upper
119 100
91 73.4 35.1 105.3
134 28.3 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 19.566 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion:105 Resp: 261693
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.514 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

Instrument :

MSVOA_N

ClientSampleId :

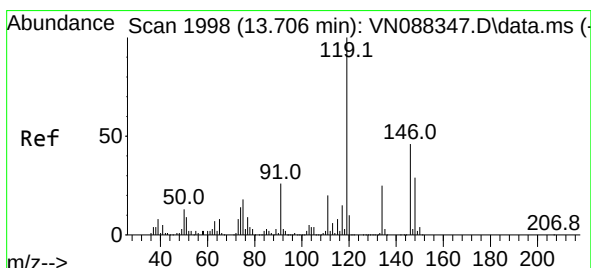
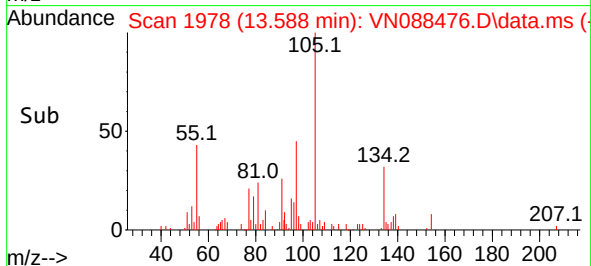
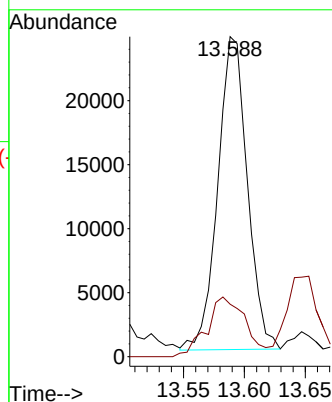
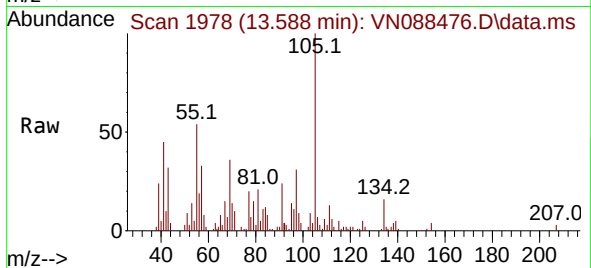
4207

Tgt Ion:105 Resp: 41312

Ion Ratio Lower Upper

105 100

134 24.8 9.5 28.5



#86

p-Isopropyltoluene

Concen: 2.238 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088476.D

Acq: 09 Dec 2025 13:45

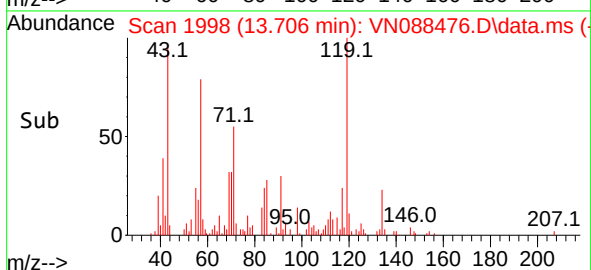
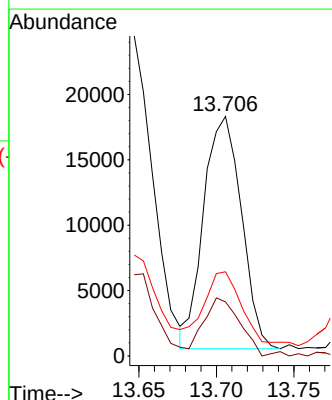
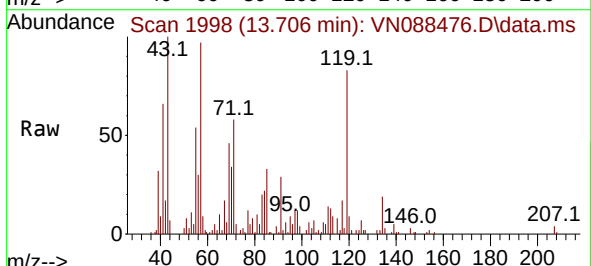
Tgt Ion:119 Resp: 30156

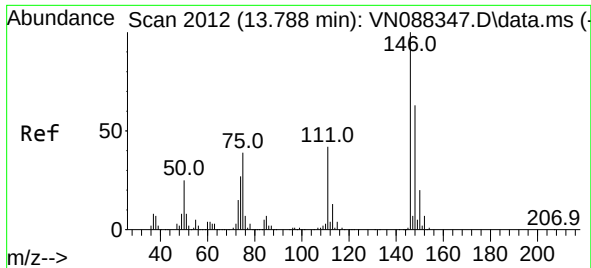
Ion Ratio Lower Upper

119 100

134 22.2 12.2 36.6

91 32.6 13.0 39.0

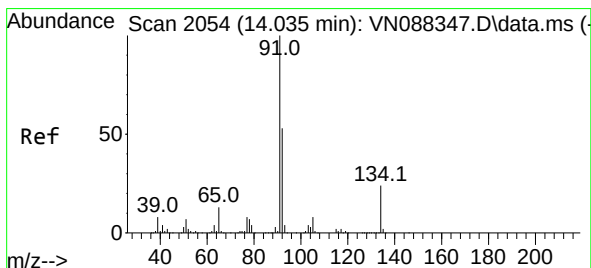
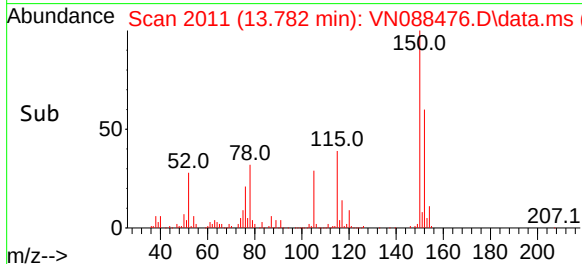
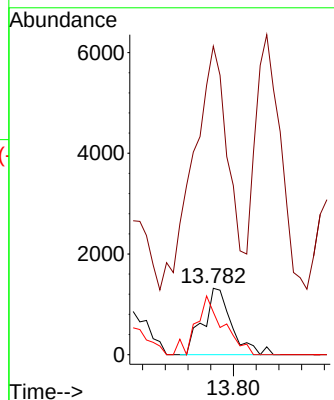
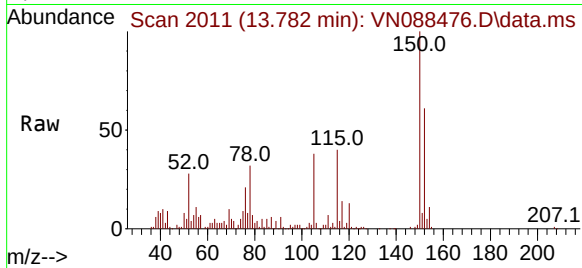




#88
1,4-Dichlorobenzene
Concen: 0.300 ug/l
RT: 13.782 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

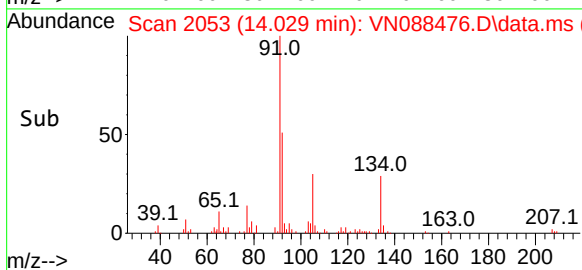
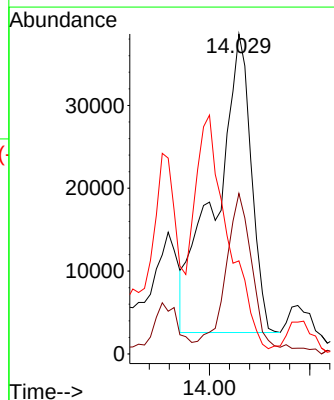
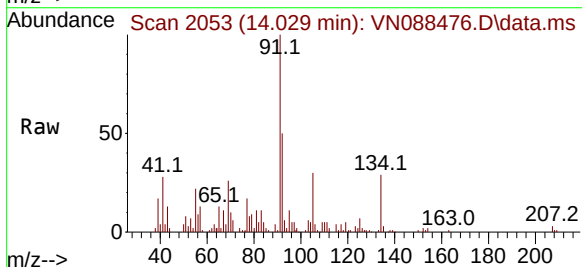
Instrument :
MSVOA_N
ClientSampleId :
4207

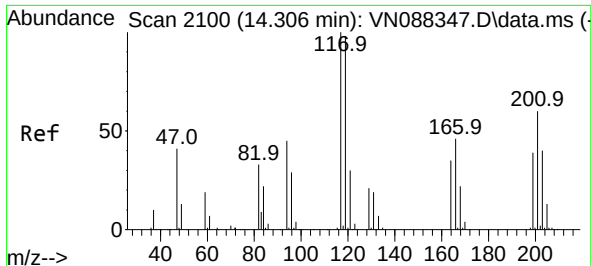
Tgt Ion	Ratio	Lower	Upper
146	100		
111	457.1	21.6	64.6#
148	85.5	31.0	93.0



#89
n-Butylbenzene
Concen: 6.756 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.4	26.1	78.3
134	0.0	11.7	35.1#

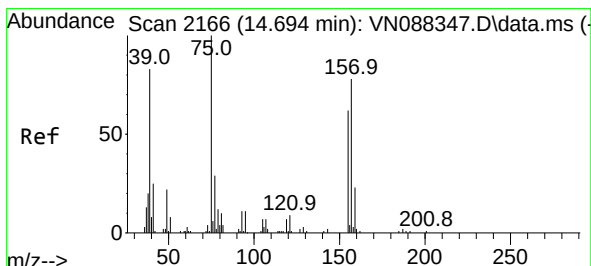
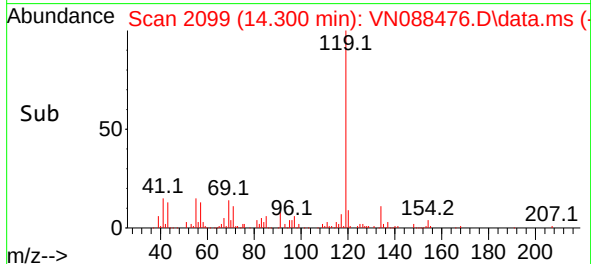
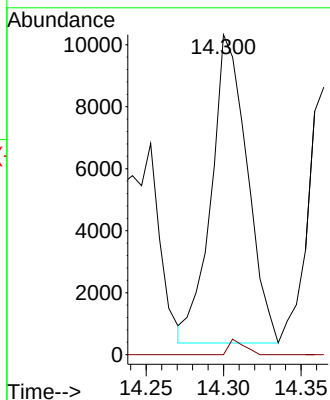
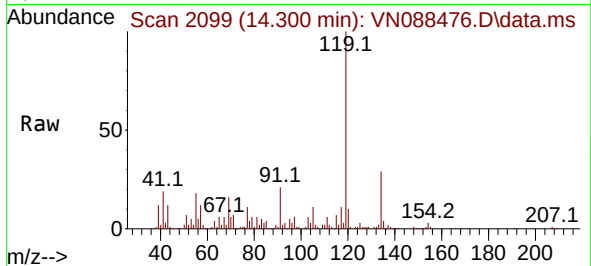




#90
Hexachloroethane
Concen: 6.489 ug/l
RT: 14.300 min Scan# 2099
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

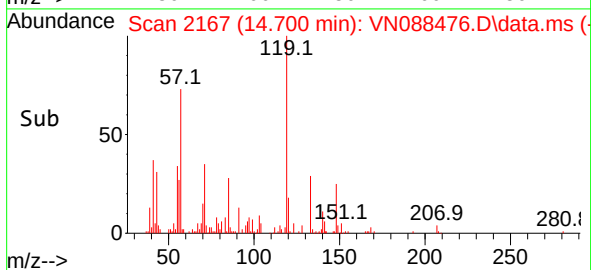
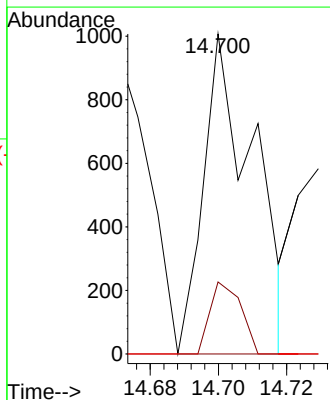
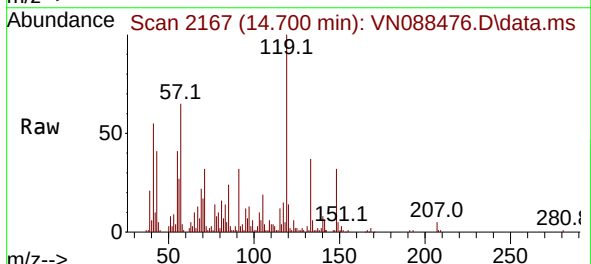
Instrument :
MSVOA_N
ClientSampleId :
4207

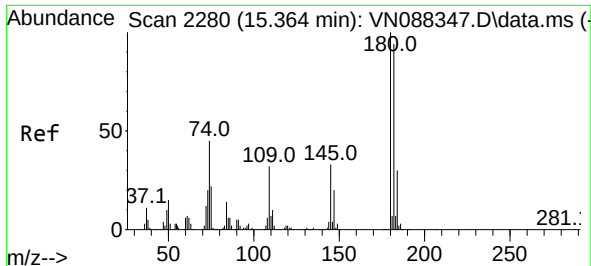
Tgt Ion:117 Resp: 15973
Ion Ratio Lower Upper
117 100
201 2.2 30.3 90.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.809 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
155 13.9 33.7 101.1#
157 0.0 43.8 131.3#

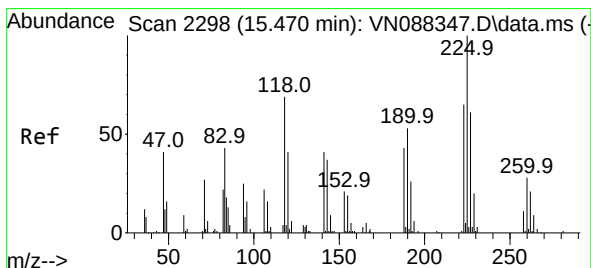
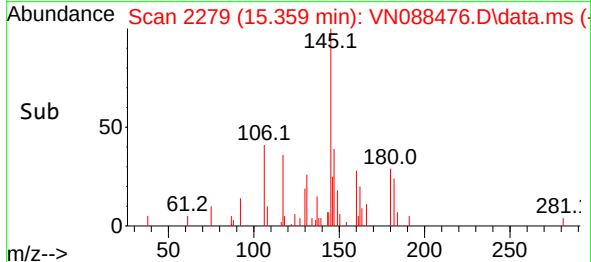
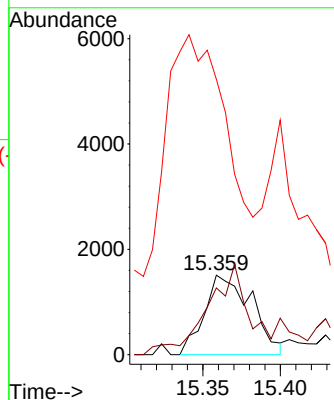
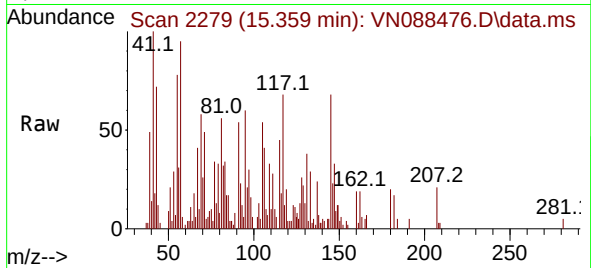




#93
1,2,4-Trichlorobenzene
Concen: 0.794 ug/l
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

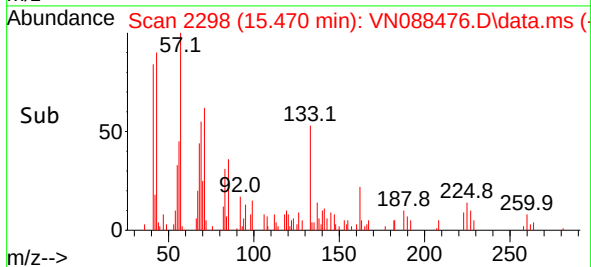
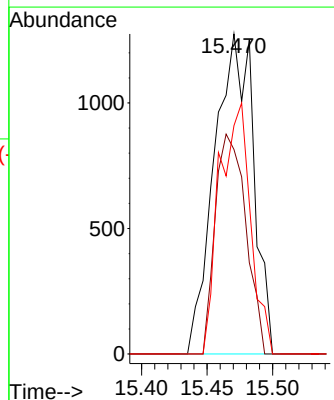
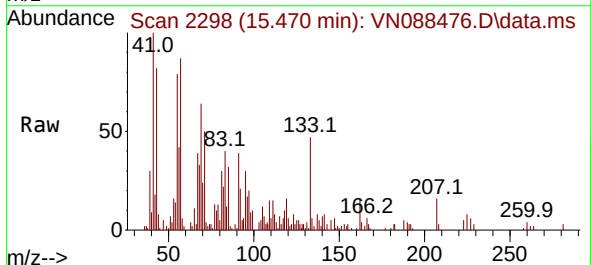
Instrument :
MSVOA_N
ClientSampleId :
4207

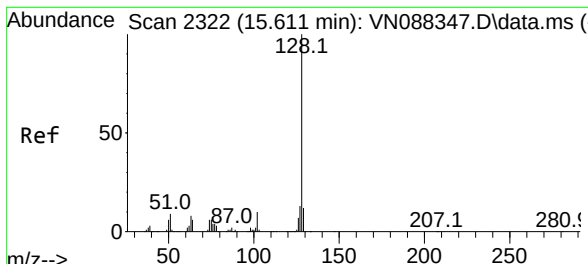
Tgt Ion	180	Resp:	3213
Ion Ratio	Lower	Upper	
180	100		
182	99.8	46.1	138.2
145	0.0	16.7	50.1#



#94
Hexachlorobutadiene
Concen: 1.813 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088476.D
Acq: 09 Dec 2025 13:45

Tgt Ion	225	Resp:	2634
Ion Ratio	Lower	Upper	
225	100		
223	54.0	32.3	96.8
227	62.6	29.9	89.8

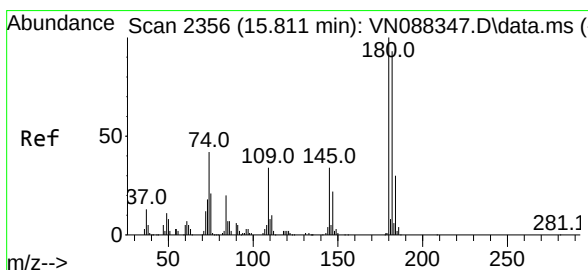
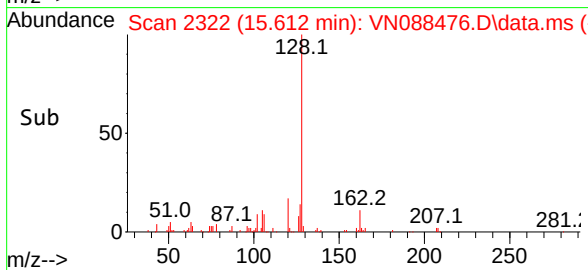
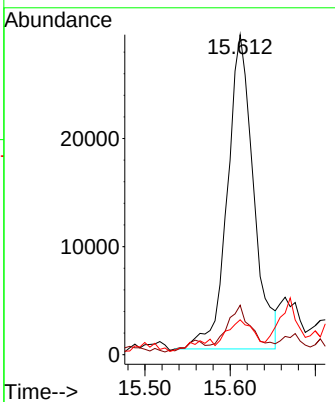
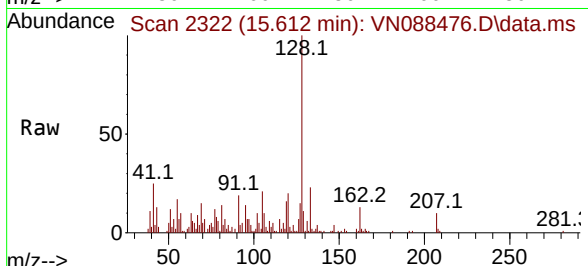




#95
 Naphthalene
 Concen: 4.435 ug/l
 RT: 15.612 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088476.D
 Acq: 09 Dec 2025 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 4207

Tgt Ion:	128	Resp:	62155
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	13.9	9.0	13.6#



#96
 1,2,3-Trichlorobenzene
 Concen: 0.991 ug/l
 RT: 15.817 min Scan# 2357
 Delta R.T. 0.006 min
 Lab File: VN088476.D
 Acq: 09 Dec 2025 13:45

Tgt Ion:	180	Resp:	3900
Ion Ratio	Lower	Upper	
180	100		
182	98.6	45.9	137.7
145	797.5	17.8	53.4#

