

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088377.D
 Acq On : 01 Dec 2025 13:11
 Operator : JC\MD
 Sample : Q3716-01 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 00:12:50 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	8.206	168	183421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	409344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	394596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	195429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	186169	53.880	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.760%	
35) Dibromofluoromethane	8.147	113	143586	50.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	10.547	98	534292	50.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.829	95	195668	54.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.060%	

Target Compounds						Qvalue
3) Chloromethane	2.348	50	8004	2.705	ug/l #	76
11) Tert butyl alcohol	5.506	59	9409	17.056	ug/l #	72
13) Acrolein	4.147	56	32508	61.551	ug/l #	1
14) Allyl chloride	5.141	41	29674	7.154	ug/l #	61
15) Acrylonitrile	5.800	53	12418	7.802	ug/l #	45
16) Acetone	4.424	43	79232	63.405	ug/l	91
17) Carbon Disulfide	4.718	76	23479	3.211	ug/l #	91
18) Methyl Acetate	5.112	43	12043	3.238	ug/l #	53
20) Methylene Chloride	5.265	84	3774	1.412	ug/l #	1
23) Vinyl Acetate	6.583	43	7002	0.981	ug/l #	73
25) 2-Butanone	7.477	43	54284	27.022	ug/l	97
29) Tetrahydrofuran	7.830	42	305	0.212	ug/l #	53
31) Cyclohexane	8.241	56	116339	25.601	ug/l #	90
36) 1,1-Dichloropropene	8.206	75	17391	3.972	ug/l #	52
37) Ethyl Acetate	7.477	43	54284	9.430	ug/l #	72
38) Carbon Tetrachloride	8.206	117	21259	4.878	ug/l #	14
39) Methylcyclohexane	9.576	83	77832	16.621	ug/l	91
40) Benzene	8.588	78	285591	22.226	ug/l	100
41) Methacrylonitrile	7.812	41	3674	1.289	ug/l #	41
42) 1,2-Dichloroethane	8.594	62	3341	0.682	ug/l	95
43) Isopropyl Acetate	8.635	43	28687	3.262	ug/l #	58
45) 1,2-Dichloropropane	9.576	63	1608	0.488	ug/l #	1
47) Bromodichloromethane	9.753	83	1818	0.379	ug/l #	24
48) Methyl methacrylate	9.706	41	2576	0.642	ug/l #	45
51) 4-Methyl-2-Pentanone	10.423	43	11472	2.213	ug/l #	87
52) Toluene	10.606	92	256896	34.624	ug/l	99
53) t-1,3-Dichloropropene	10.606	75	3304	0.671	ug/l #	1
55) 1,1,2-Trichloroethane	10.982	97	6997	2.437	ug/l #	26
56) Ethyl methacrylate	10.894	69	2268	0.500	ug/l #	4
58) 2-Chloroethyl Vinyl ether	10.135	63	777	0.297	ug/l #	49
59) 2-Hexanone	11.329	43	791	0.242	ug/l	74
67) Ethyl Benzene	11.941	91	1259704	81.316	ug/l	98
68) m/p-Xylenes	12.047	106	2082018	362.488	ug/l	99
69) o-Xylene	12.376	106	686034	125.284	ug/l	100
70) Styrene	12.370	104	36598	4.116	ug/l #	1
73) Isopropylbenzene	12.670	105	82688	5.722	ug/l	100

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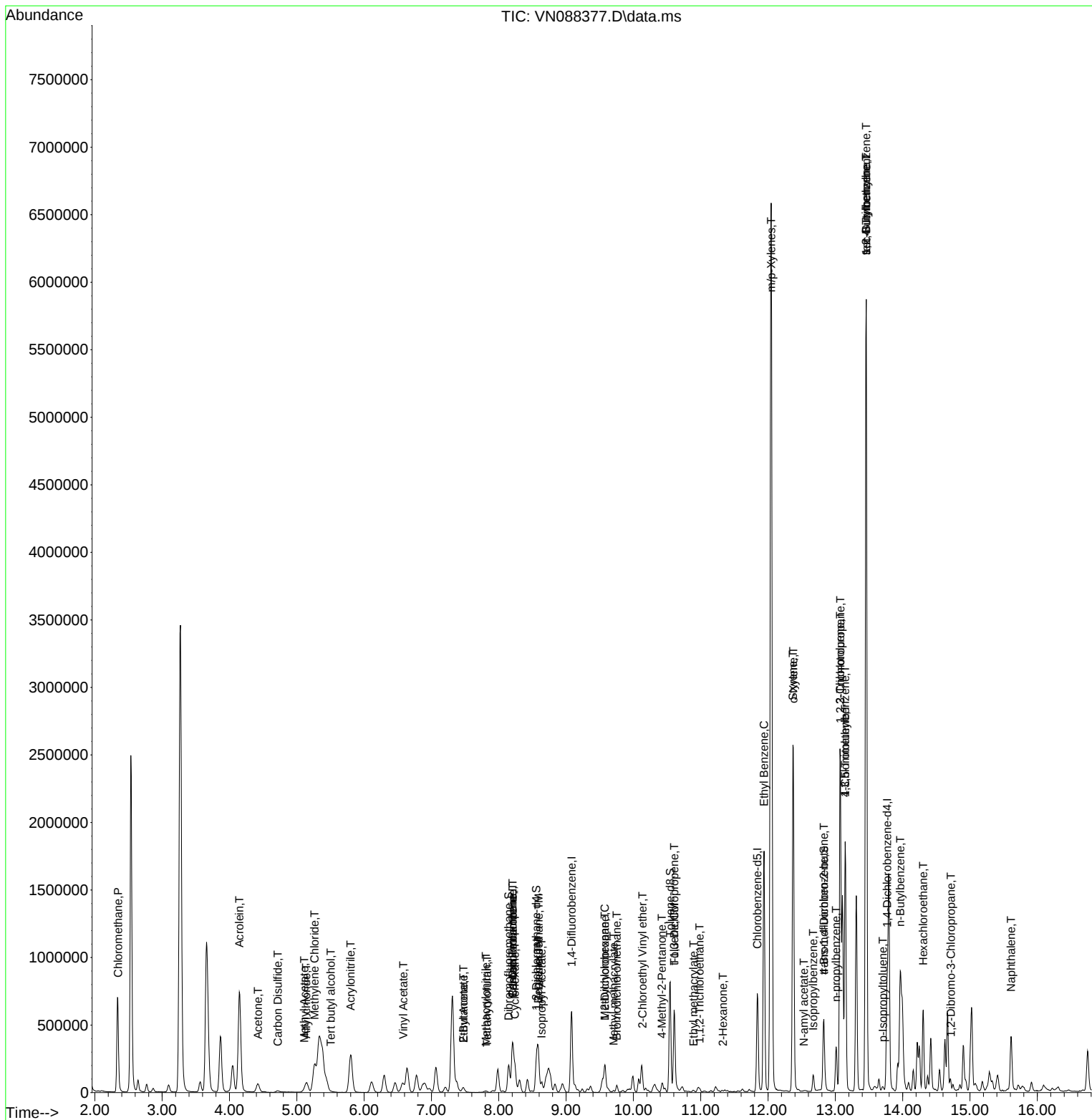
Quant Time: Dec 02 00:12:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
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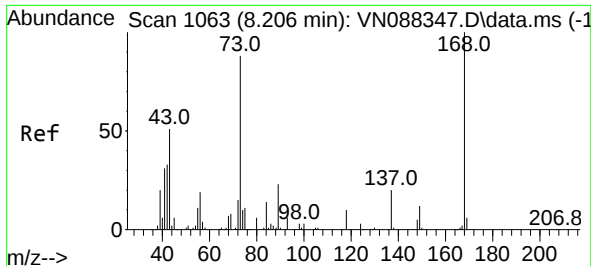
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) N-amyl acetate	12.535	43	1190	0.242	ug/l #	74
76) 1,2,3-Trichloropropane	13.076	75	15497	3.386	ug/l #	1
78) n-propylbenzene	13.012	91	272873	15.436	ug/l	100
79) 2-Chlorotoluene	13.070	91	200015	18.528	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.147	105	969130	80.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.829	75	112805	69.915	ug/l #	1
82) 4-Chlorotoluene	13.147	91	112852	10.525	ug/l #	44
83) tert-Butylbenzene	13.459	119	390754	38.390	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.459	105	3325259	279.403	ug/l	99
85) sec-Butylbenzene	13.459	105	3325259	227.408	ug/l #	58
86) p-Isopropyltoluene	13.706	119	14583	1.216	ug/l #	72
89) n-Butylbenzene	13.964	91	202097	17.359	ug/l #	49
90) Hexachloroethane	14.306	117	32360	14.773	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.717	75	600	0.529	ug/l #	10
95) Naphthalene	15.611	128	372441	29.868	ug/l	98

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

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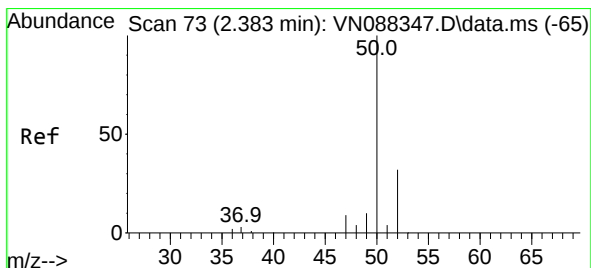
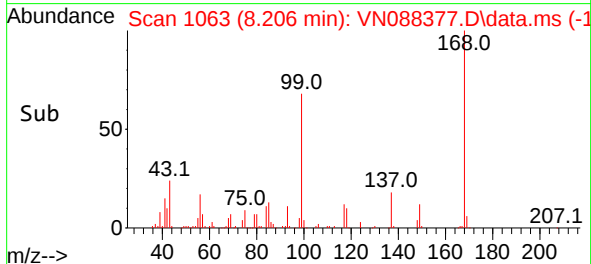
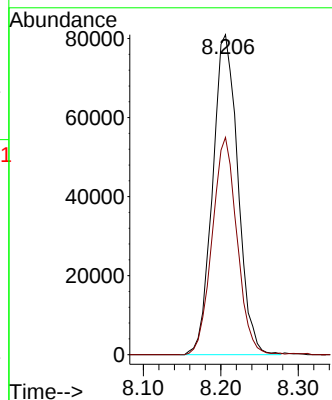
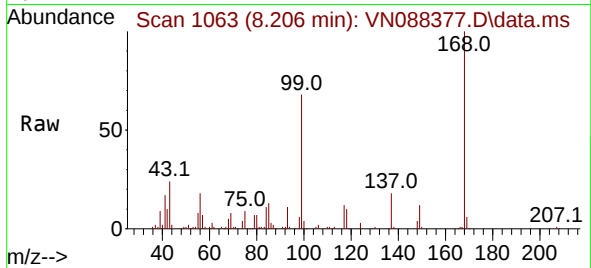




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088377.D
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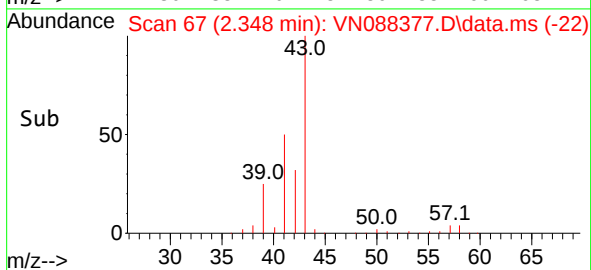
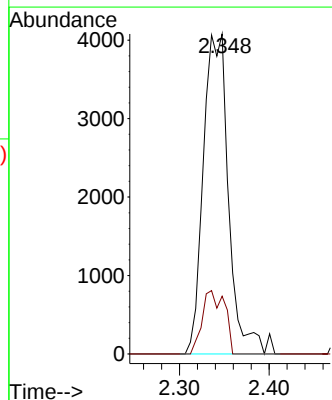
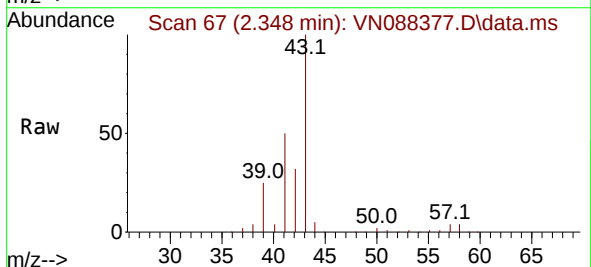
Instrument :
MSVOA_N
ClientSampleId :

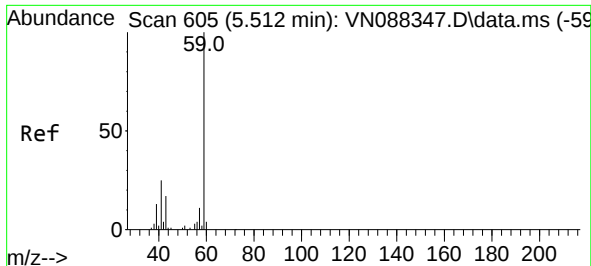
Tgt Ion:168 Resp: 183421
Ion Ratio Lower Upper
168 100
99 67.9 57.1 85.7



#3
Chloromethane
Concen: 2.705 ug/l
RT: 2.348 min Scan# 67
Delta R.T. -0.035 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

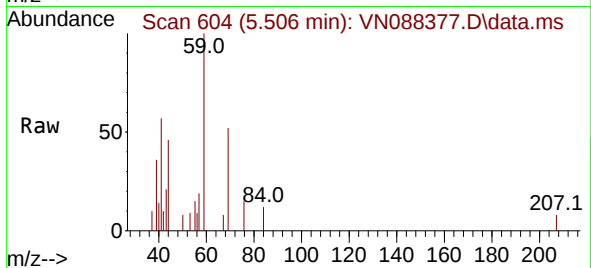
Tgt Ion: 50 Resp: 8004
Ion Ratio Lower Upper
50 100
52 18.1 25.2 37.8#



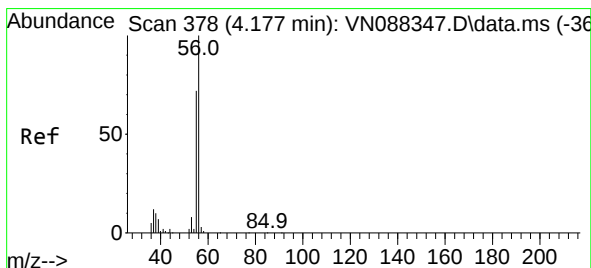
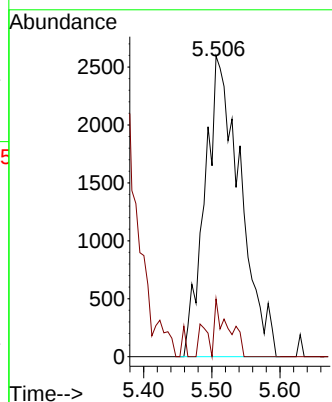
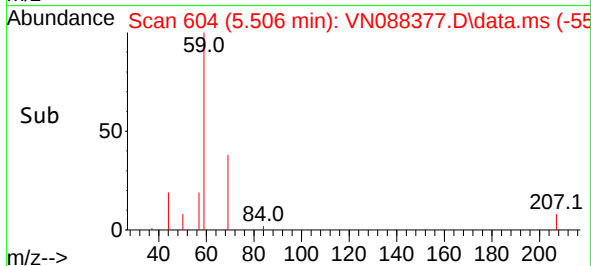


#11
Tert butyl alcohol
Concen: 17.056 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :

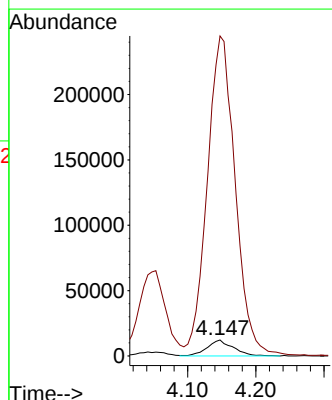
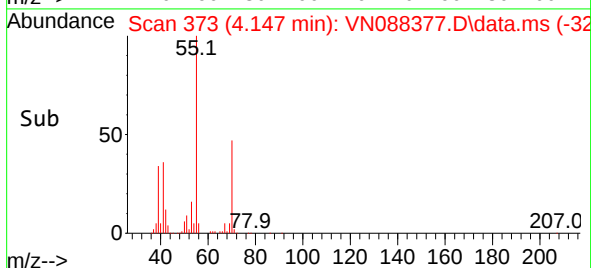
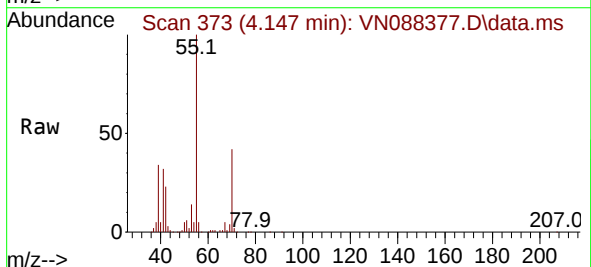


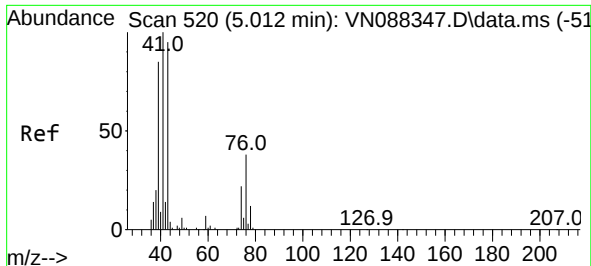
Tgt Ion: 59 Resp: 9409
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 61.551 ug/l
RT: 4.147 min Scan# 373
Delta R.T. -0.029 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

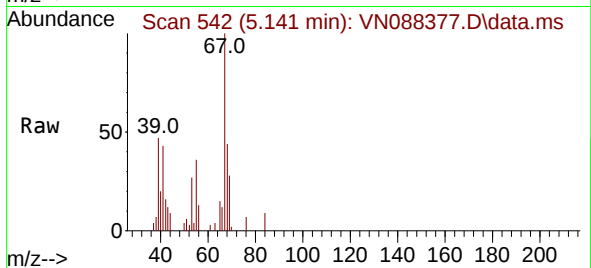
Tgt Ion: 56 Resp: 32508
Ion Ratio Lower Upper
56 100
55 2143.1 56.3 84.5#



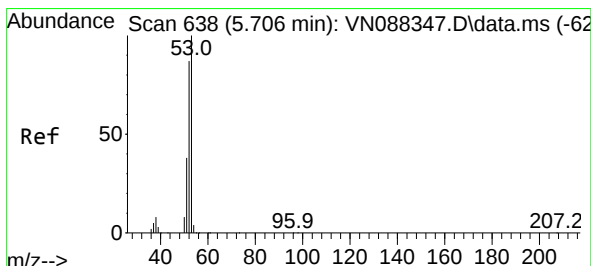
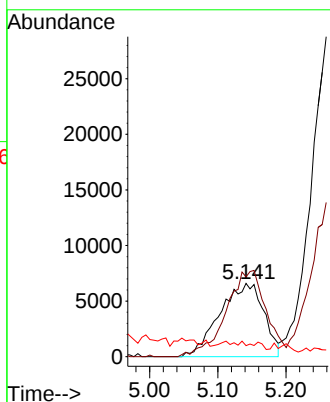
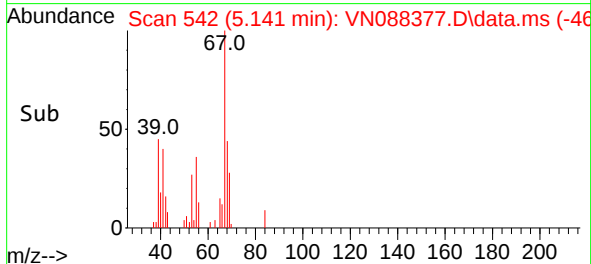


#14
Allyl chloride
Concen: 7.154 ug/l
RT: 5.141 min Scan# 54
Delta R.T. 0.129 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

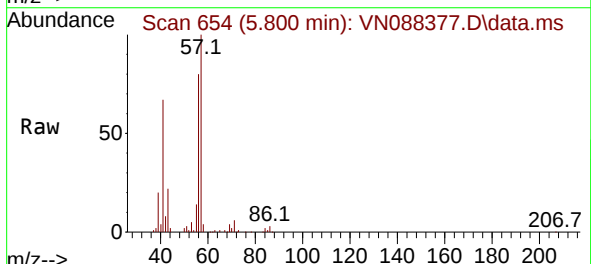
Instrument :
MSVOA_N
ClientSampleId :



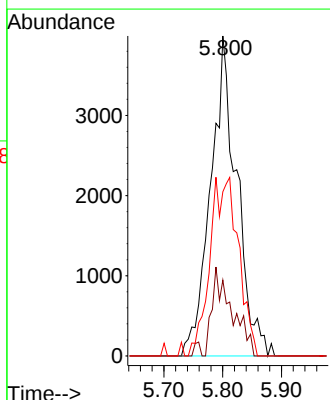
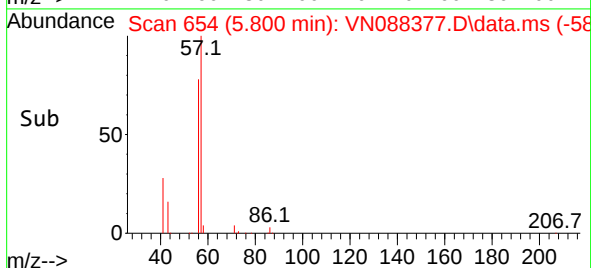
Tgt Ion: 41 Resp: 29674
Ion Ratio Lower Upper
41 100
39 106.5 64.7 97.1#
76 0.0 29.1 43.7#

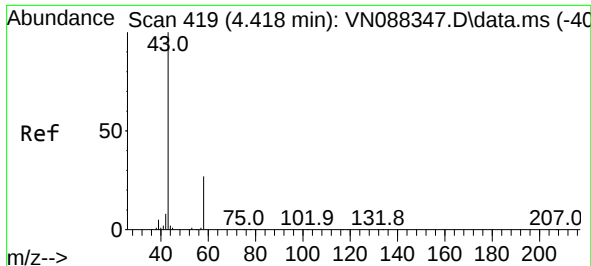


#15
Acrylonitrile
Concen: 7.802 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.094 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11



Tgt Ion: 53 Resp: 12418
Ion Ratio Lower Upper
53 100
52 21.0 67.8 101.6#
51 24.3 29.8 44.8#

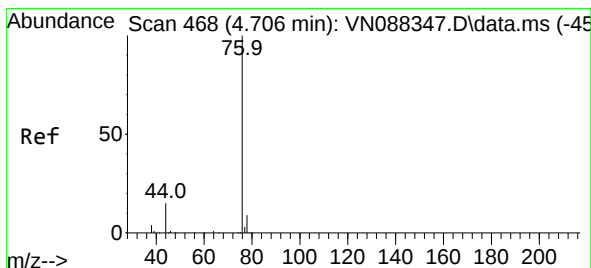
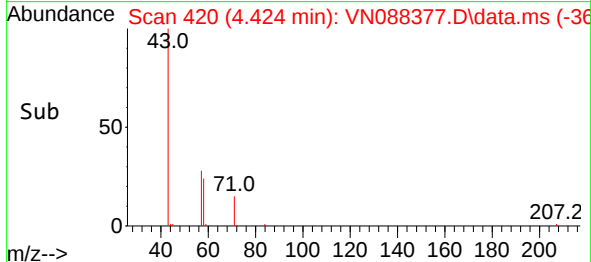
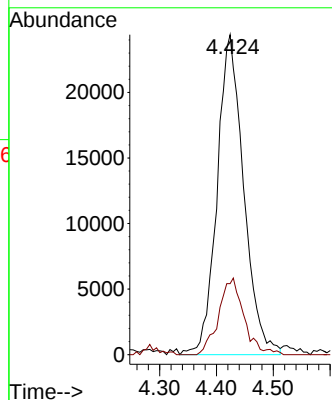
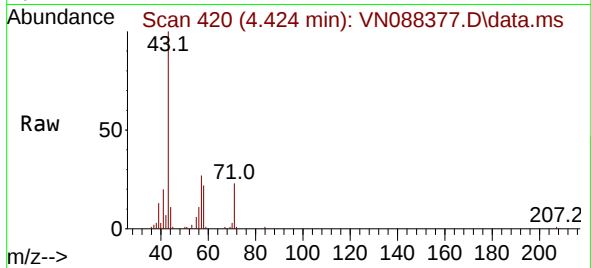




#16
Acetone
Concen: 63.405 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

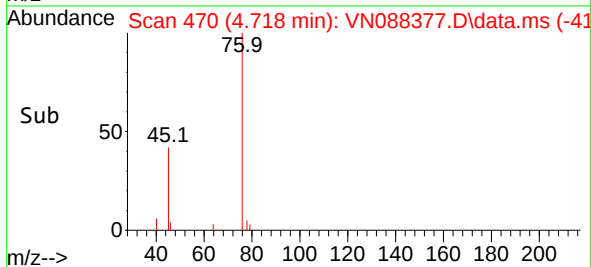
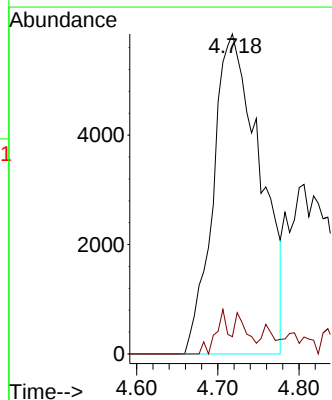
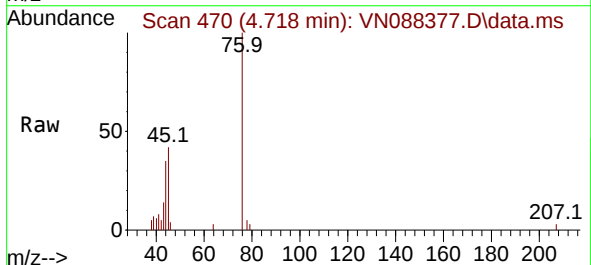
Instrument :
MSVOA_N
ClientSampleId :

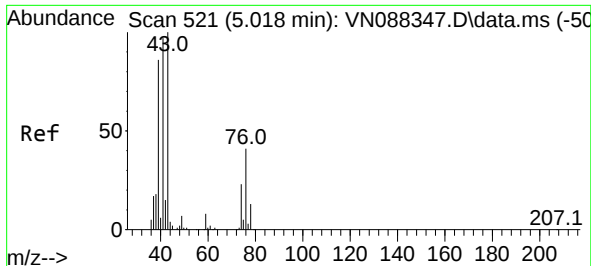
Tgt Ion: 43 Resp: 79232
Ion Ratio Lower Upper
43 100
58 22.2 21.7 32.5



#17
Carbon Disulfide
Concen: 3.211 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

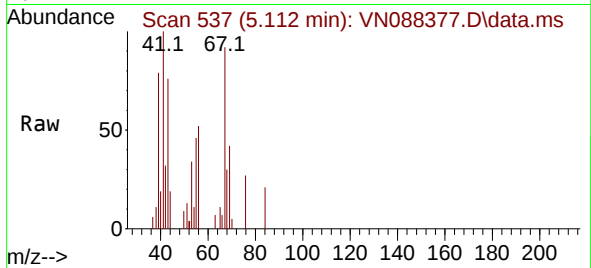
Tgt Ion: 76 Resp: 23479
Ion Ratio Lower Upper
76 100
78 5.4 7.0 10.4#



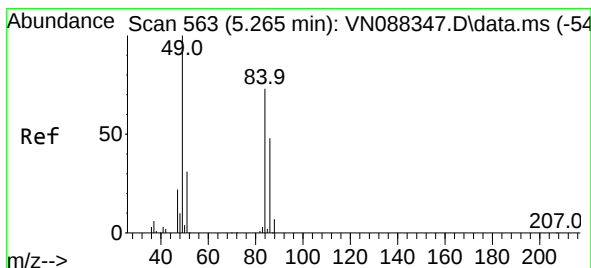
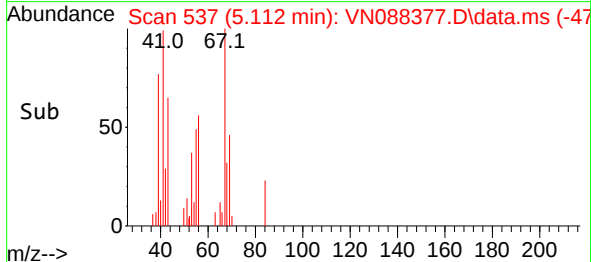
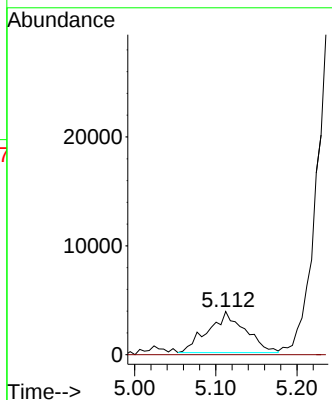


#18
Methyl Acetate
Concen: 3.238 ug/l
RT: 5.112 min Scan# 511
Delta R.T. 0.094 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :

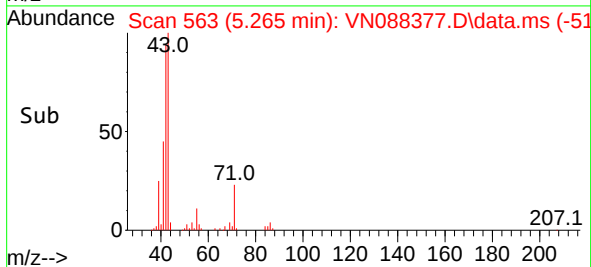
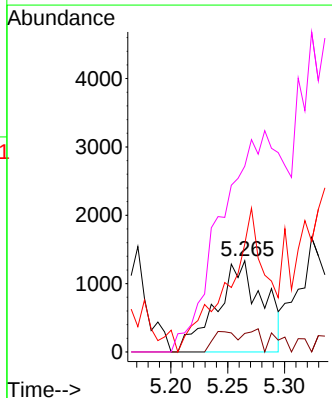
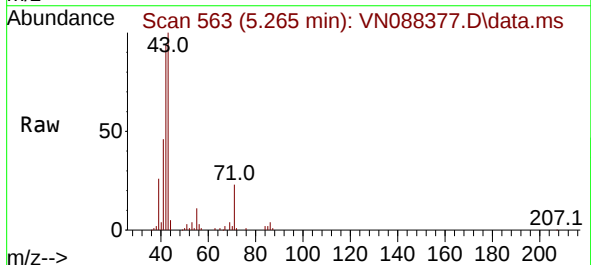


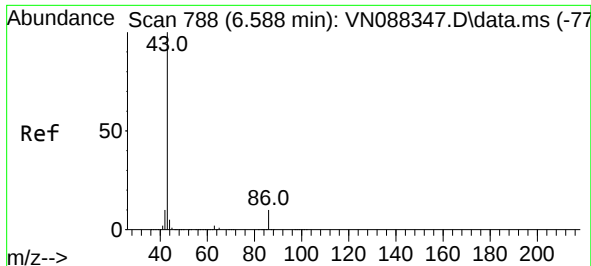
Tgt Ion: 43 Resp: 12043
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9#



#20
Methylene Chloride
Concen: 1.412 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 84 Resp: 3774
Ion Ratio Lower Upper
84 100
49 20.3 110.2 165.2#
51 118.3 34.1 51.1#
86 183.7 52.6 78.8#

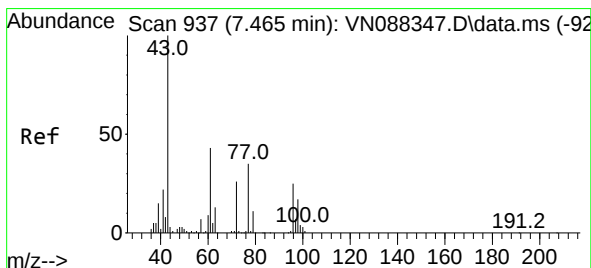
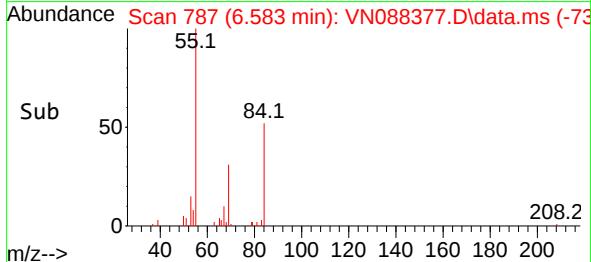
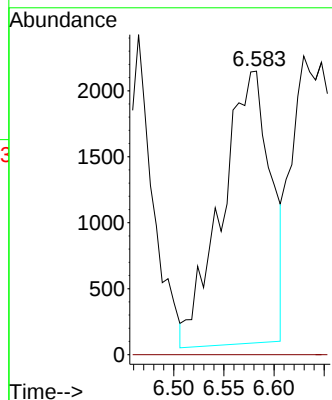
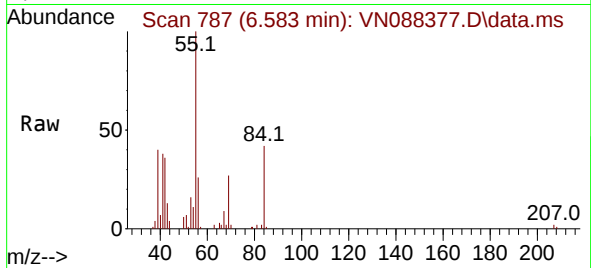




#23
 Vinyl Acetate
 Concen: 0.981 ug/l
 RT: 6.583 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN088377.D
 Acq: 01 Dec 2025 13:11

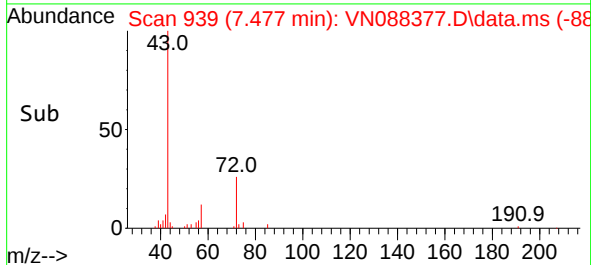
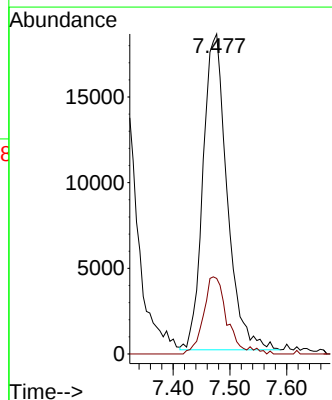
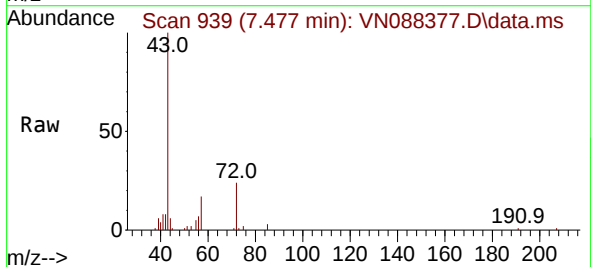
Instrument :
 MSVOA_N
 ClientSampleId :

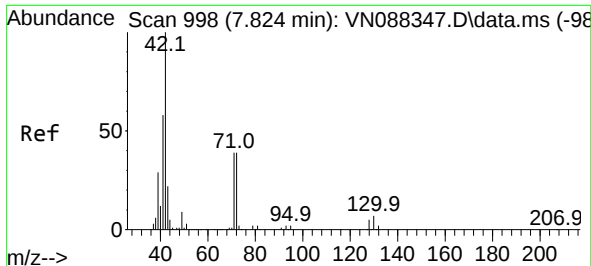
Tgt Ion: 43 Resp: 7002
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 27.022 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.012 min
 Lab File: VN088377.D
 Acq: 01 Dec 2025 13:11

Tgt Ion: 43 Resp: 54284
 Ion Ratio Lower Upper
 43 100
 72 23.9 20.5 30.7





#29

Tetrahydrofuran

Concen: 0.212 ug/l

RT: 7.830 min Scan# 99

Delta R.T. 0.006 min

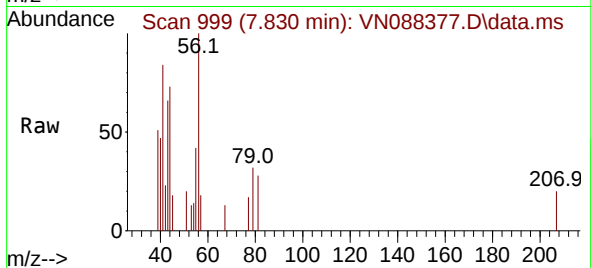
Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

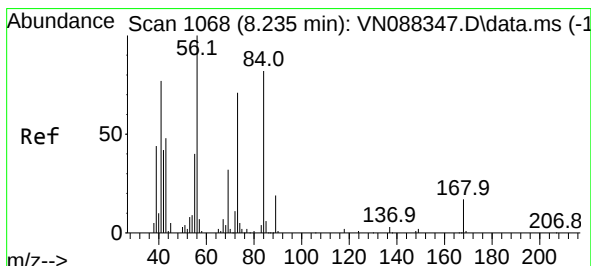
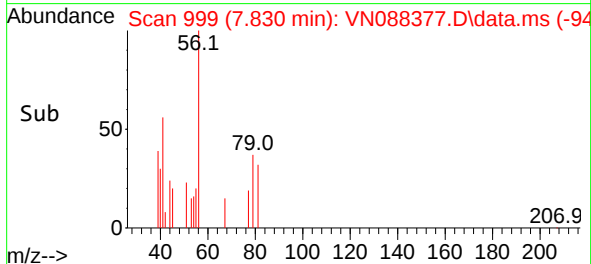
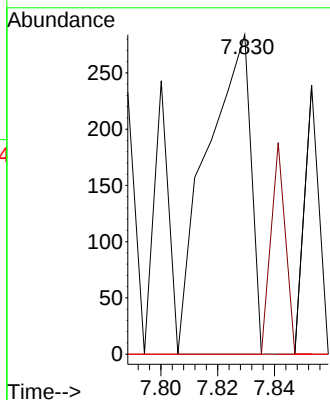
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	305
Ion Ratio	Lower	Upper	
42	100		
72	21.6	32.2	48.4#
71	0.0	31.1	46.7#



#31

Cyclohexane

Concen: 25.601 ug/l

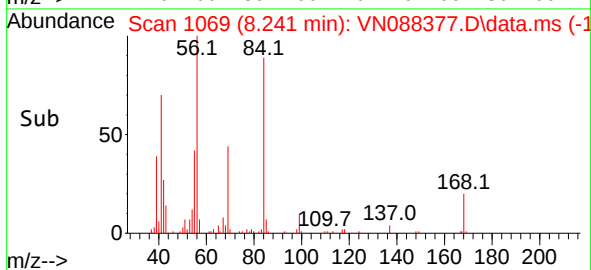
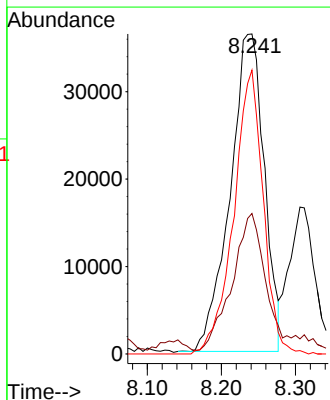
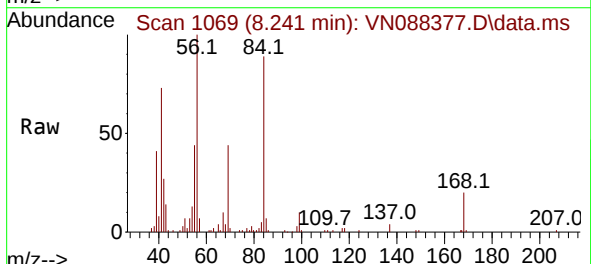
RT: 8.241 min Scan# 1069

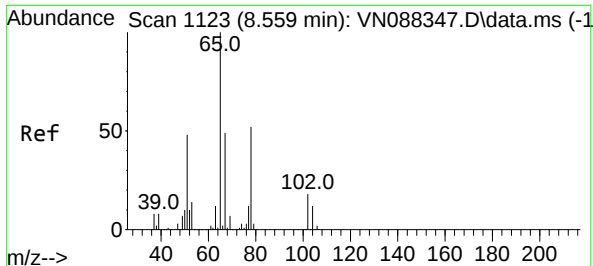
Delta R.T. 0.006 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

Tgt Ion:	56	Resp:	116339
Ion Ratio	Lower	Upper	
56	100		
69	39.8	25.3	37.9#
84	89.4	65.4	98.2





#33

1,2-Dichloroethane-d4

Concen: 53.880 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

Instrument :

MSVOA_N

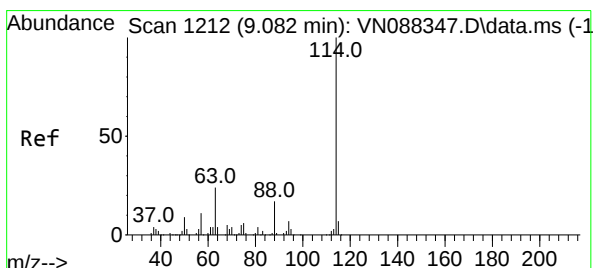
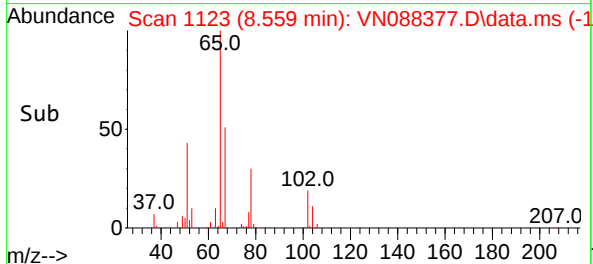
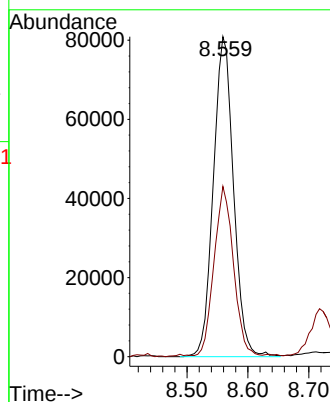
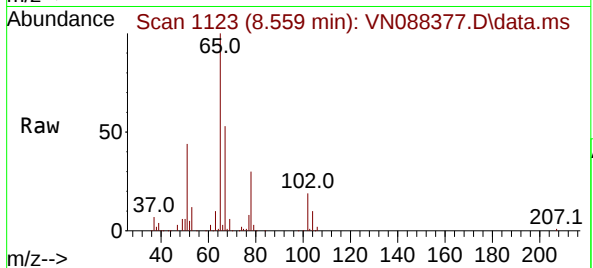
ClientSampleId :

Tgt Ion: 65 Resp: 186169

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

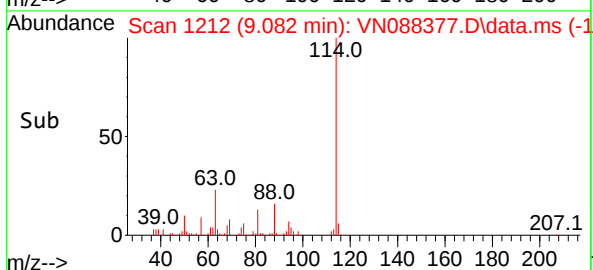
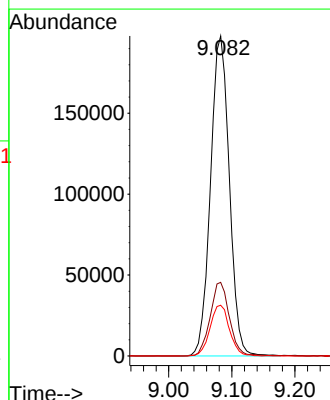
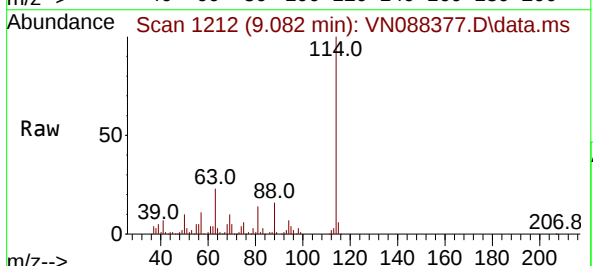
Tgt Ion: 114 Resp: 409344

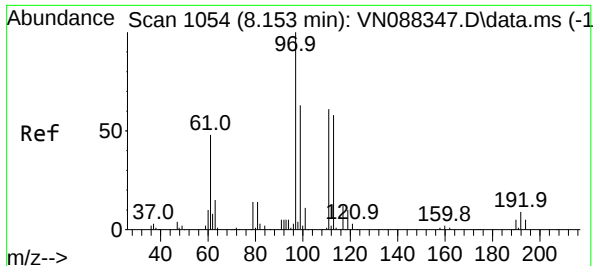
Ion Ratio Lower Upper

114 100

63 23.0 0.0 49.0

88 15.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.617 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

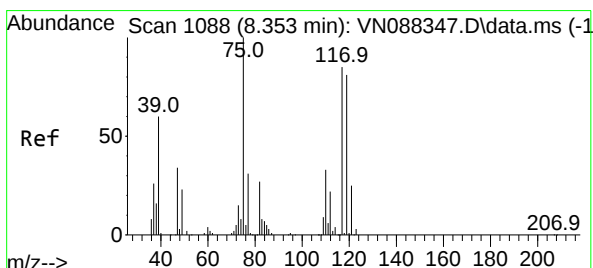
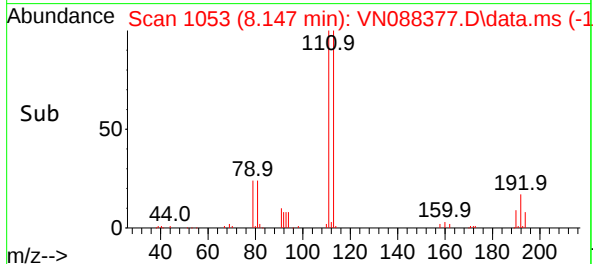
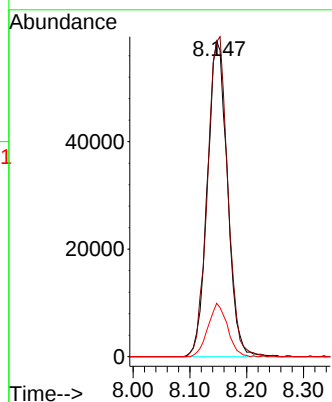
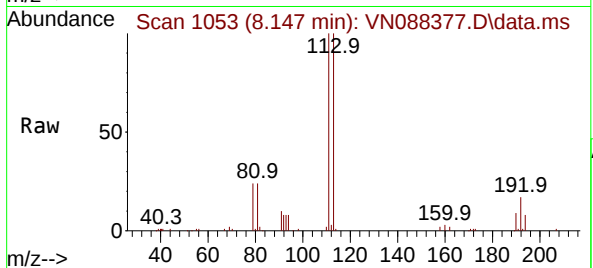
Tgt Ion:113 Resp: 143586

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

192 16.5 12.8 19.2



#36

1,1-Dichloropropene

Concen: 3.972 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

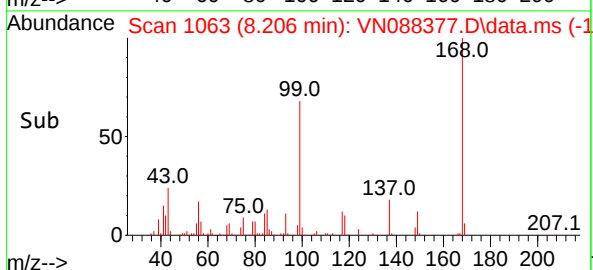
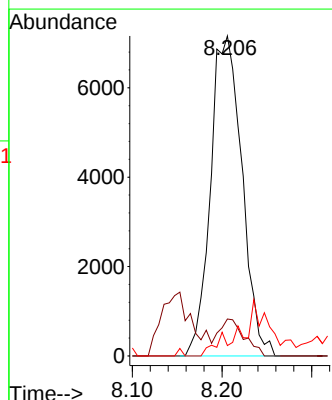
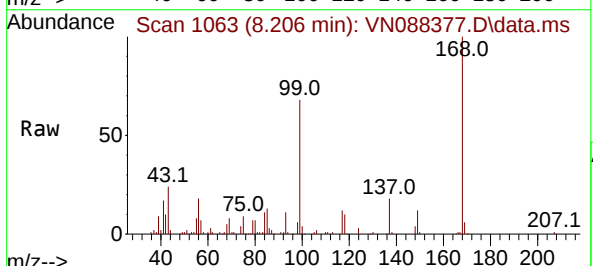
Tgt Ion: 75 Resp: 17391

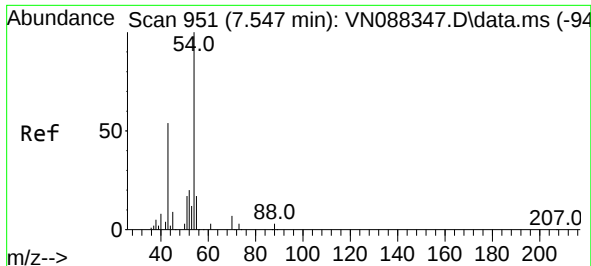
Ion Ratio Lower Upper

75 100

110 9.3 15.8 47.4#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 9.430 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.071 min

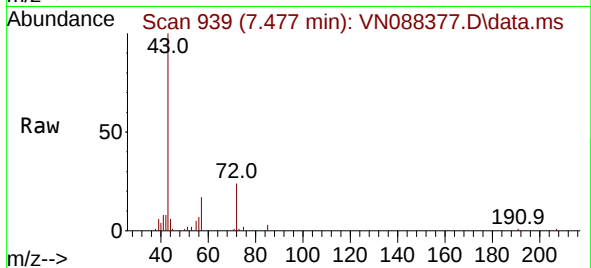
Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :



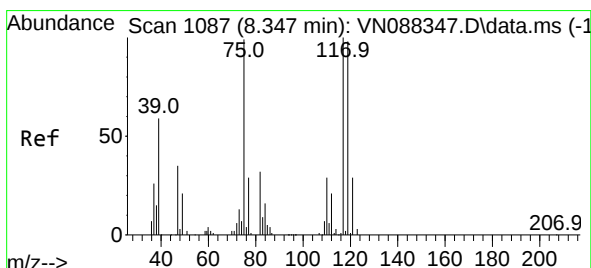
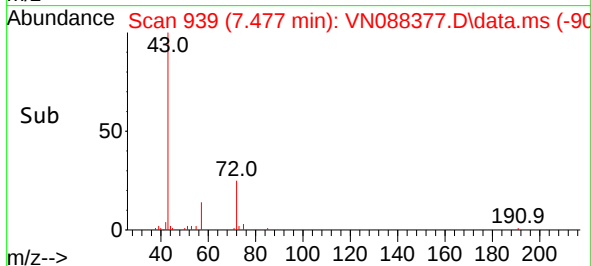
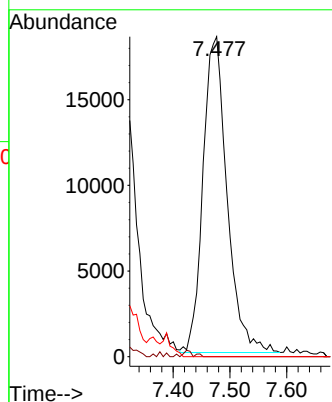
Tgt Ion: 43 Resp: 54284

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.878 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.141 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

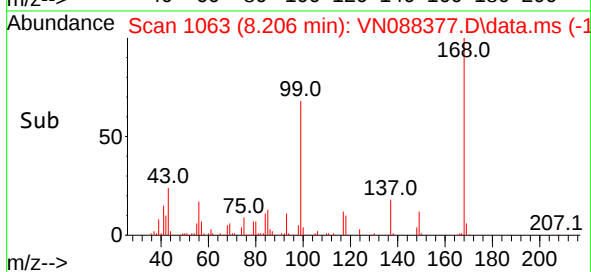
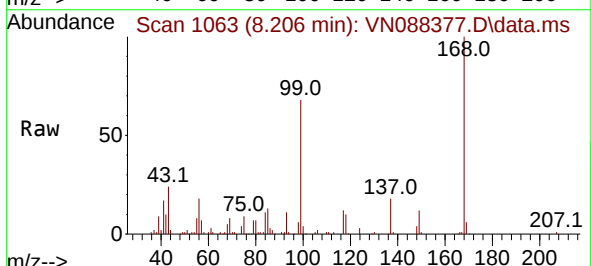
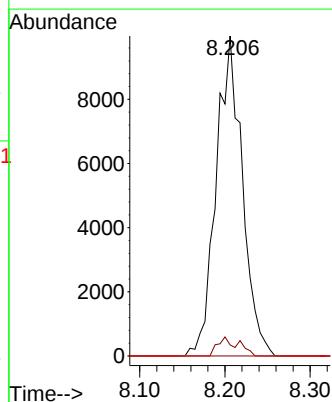
Tgt Ion: 117 Resp: 21259

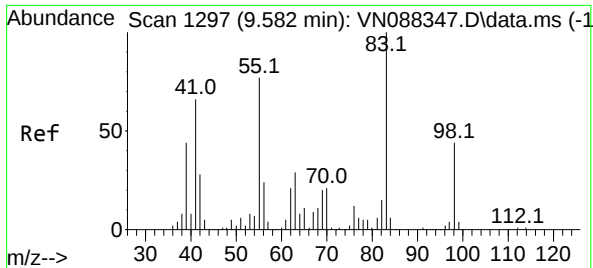
Ion Ratio Lower Upper

117 100

119 3.5 78.2 117.4#

121 0.0 23.4 35.2#





#39

Methylcyclohexane

Concen: 16.621 ug/l

RT: 9.576 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088377.D

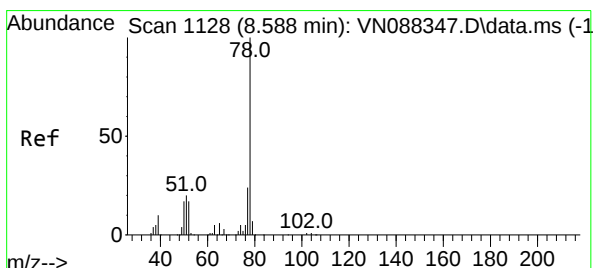
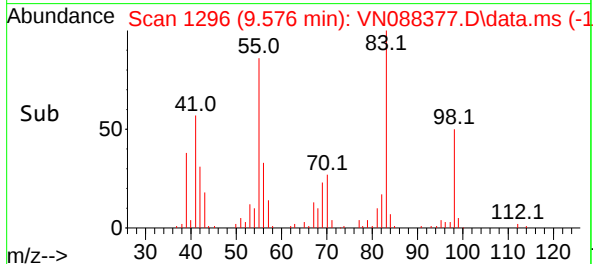
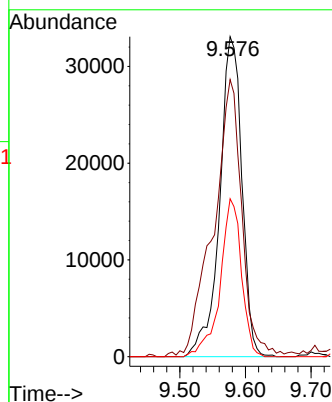
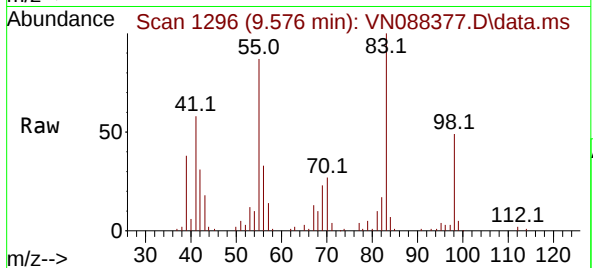
Acq: 01 Dec 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 77832
Ion Ratio	Lower Upper
83	100
55	84.9 61.6 92.4
98	49.3 35.3 52.9



#40

Benzene

Concen: 22.226 ug/l

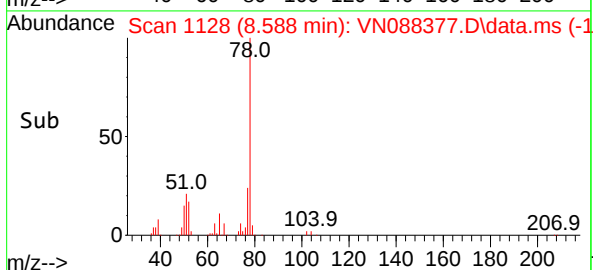
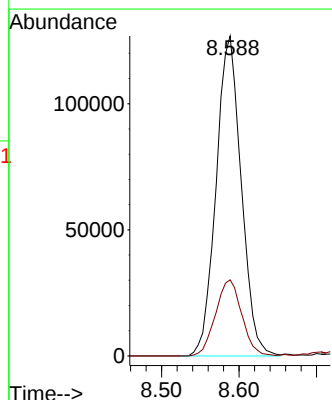
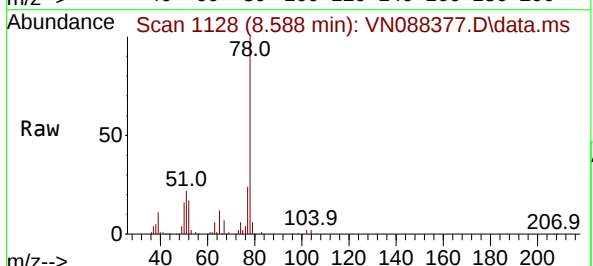
RT: 8.588 min Scan# 1128

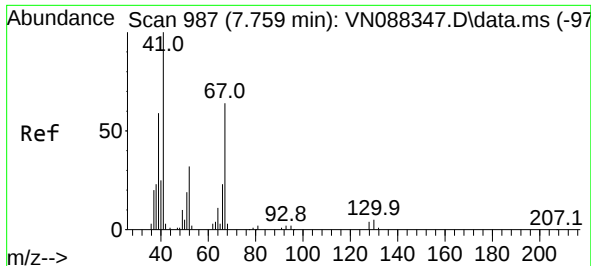
Delta R.T. 0.000 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

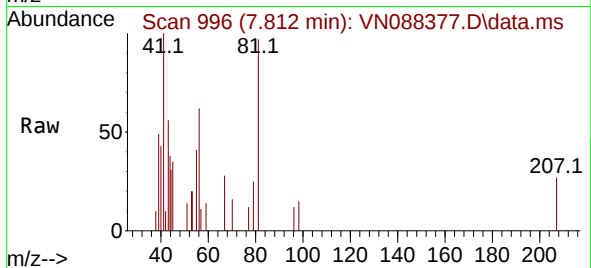
Tgt Ion: 78	Resp: 285591
Ion Ratio	Lower Upper
78	100
77	23.8 19.0 28.4



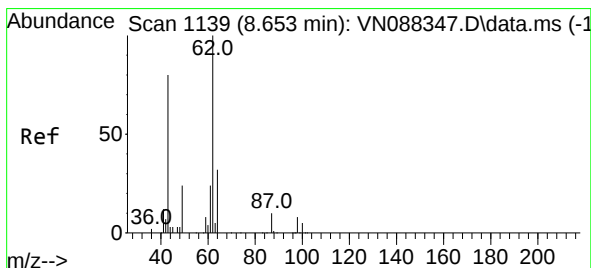
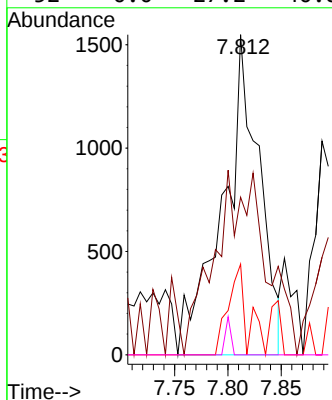
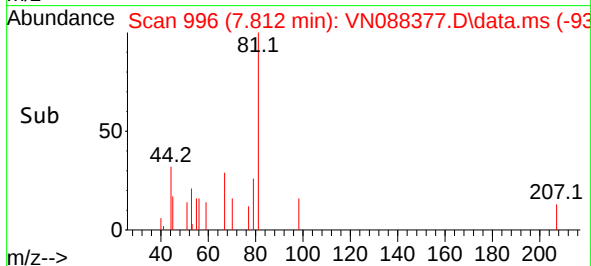


#41
Methacrylonitrile
Concen: 1.289 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.053 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :

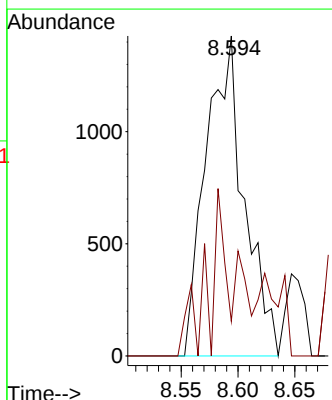
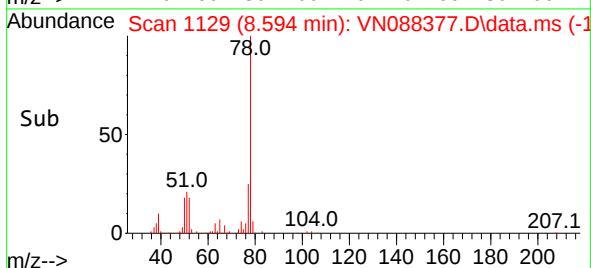
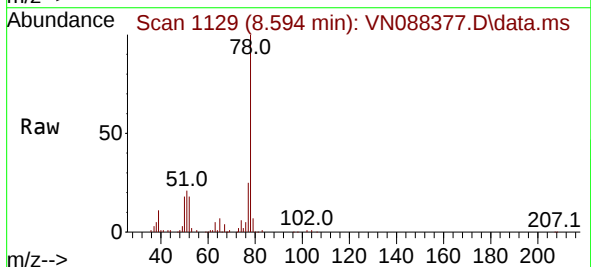


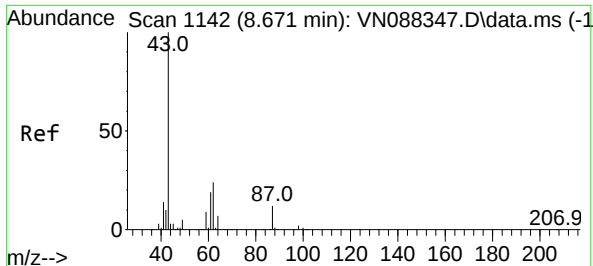
Tgt Ion:	41	Resp:	3674
Ion	Ratio	Lower	Upper
41	100		
39	35.9	46.3	69.5#
67	0.0	54.7	82.1#
52	0.0	27.2	40.8#



#42
1,2-Dichloroethane
Concen: 0.682 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. -0.059 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

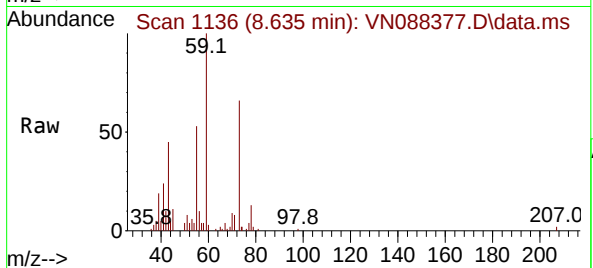
Tgt Ion:	62	Resp:	3341
Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	16.2



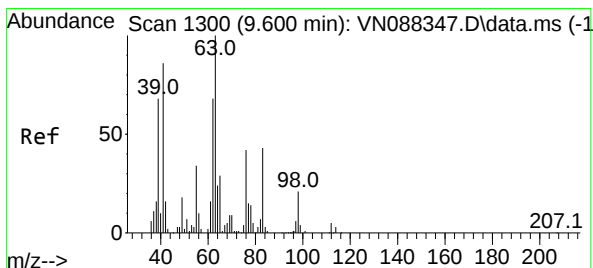
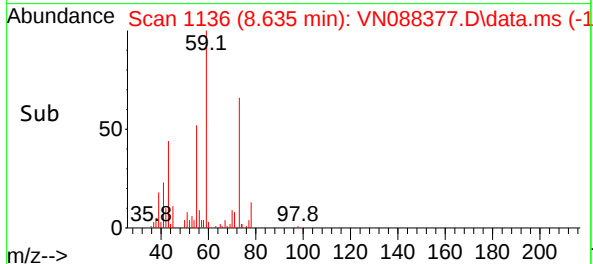
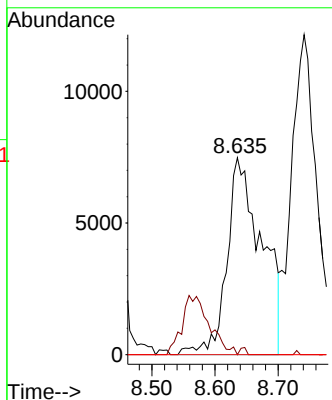


#43
Isopropyl Acetate
Concen: 3.262 ug/l
RT: 8.635 min Scan# 1136
Delta R.T. -0.035 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :

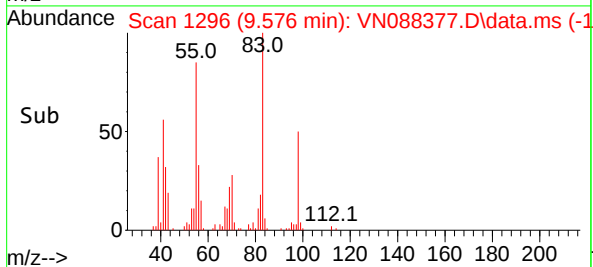
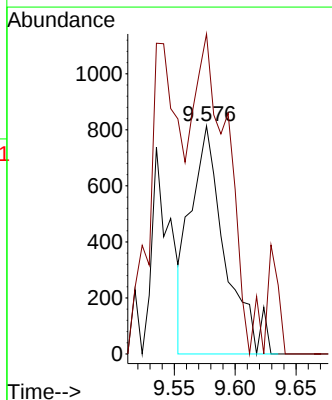
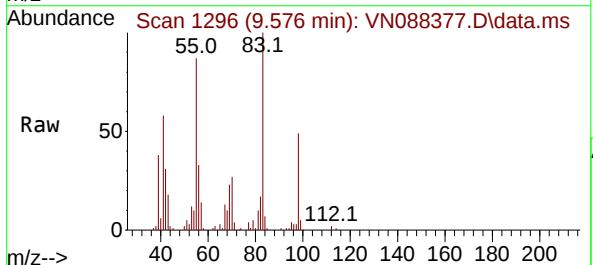


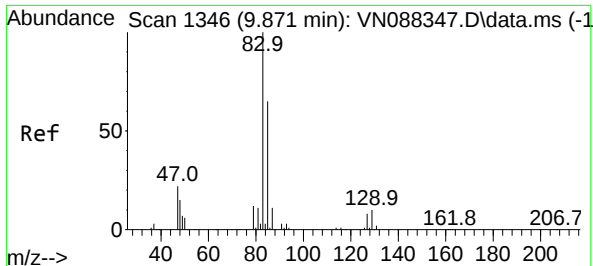
Tgt Ion: 43 Resp: 28687
Ion Ratio Lower Upper
43 100
61 0.0 18.7 28.1#
87 0.0 9.1 13.7#



#45
1,2-Dichloropropane
Concen: 0.488 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.024 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 63 Resp: 1608
Ion Ratio Lower Upper
63 100
65 110.1 23.0 34.4#





#47

Bromodichloromethane

Concen: 0.379 ug/l

RT: 9.753 min Scan# 1318

Delta R.T. -0.118 min

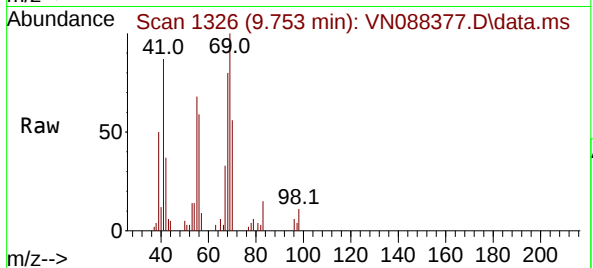
Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :



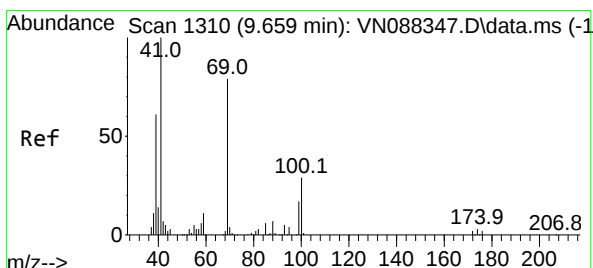
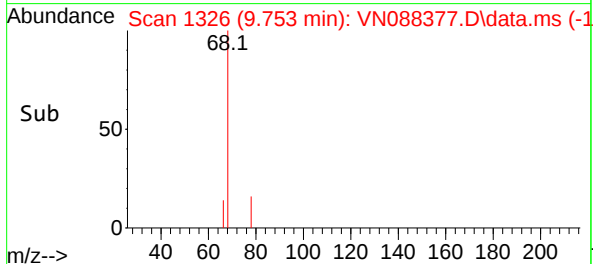
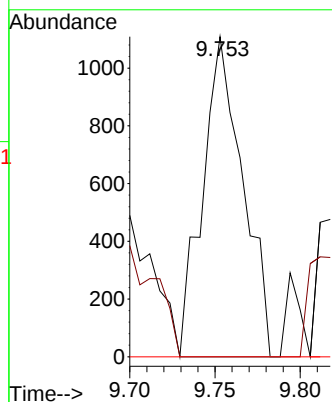
Tgt Ion: 83 Resp: 1818

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 6.3 9.5#



#48

Methyl methacrylate

Concen: 0.642 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.047 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

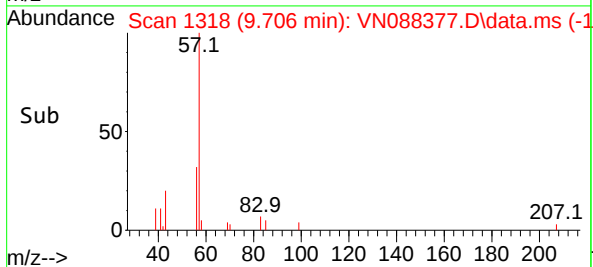
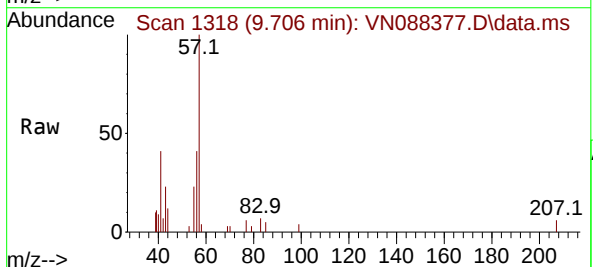
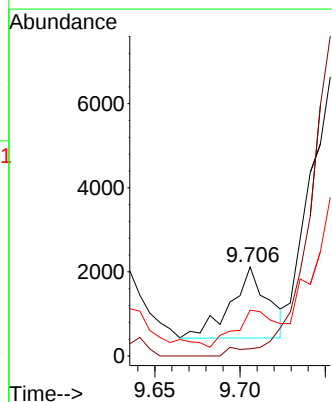
Tgt Ion: 41 Resp: 2576

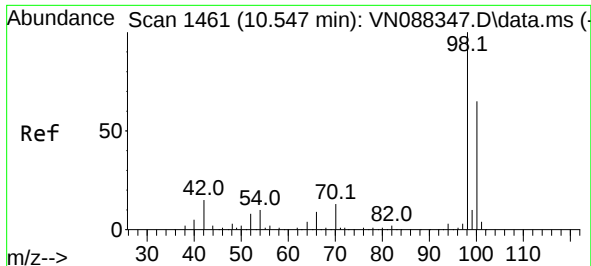
Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 55.0 52.6 79.0

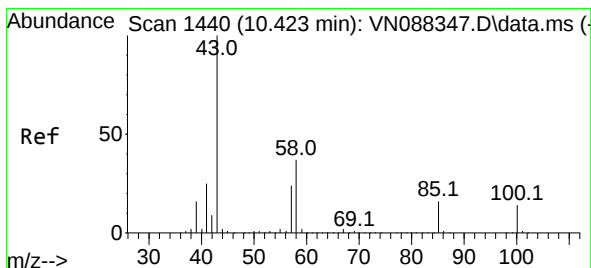
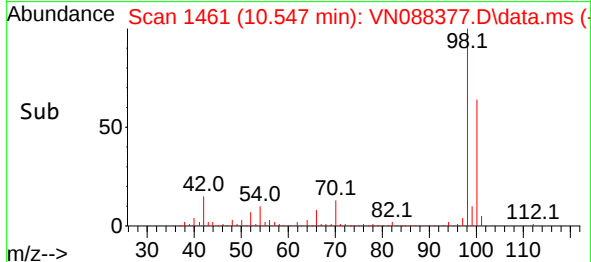
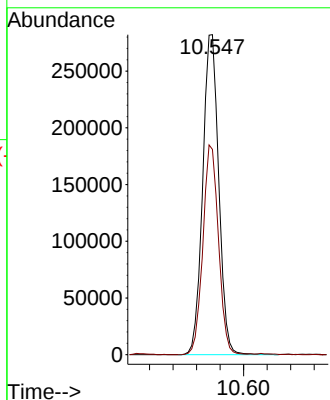
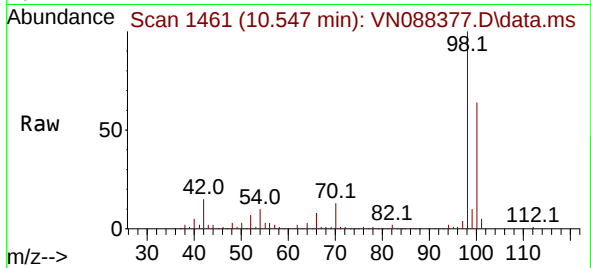




#50
Toluene-d8
Concen: 50.620 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

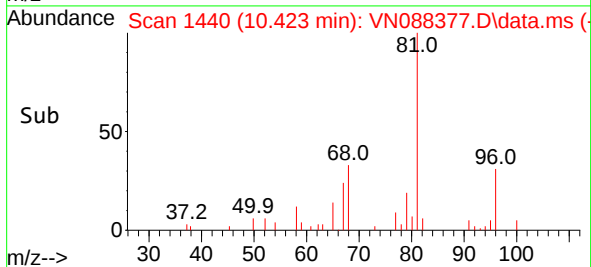
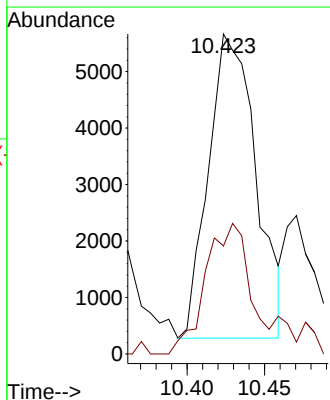
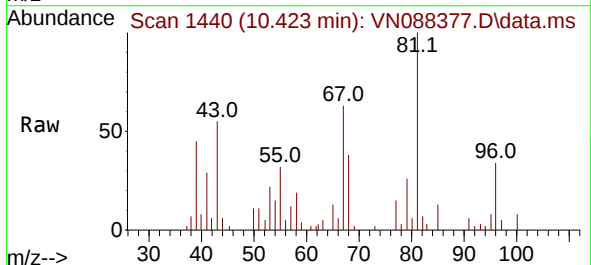
Instrument :
MSVOA_N
ClientSampleId :

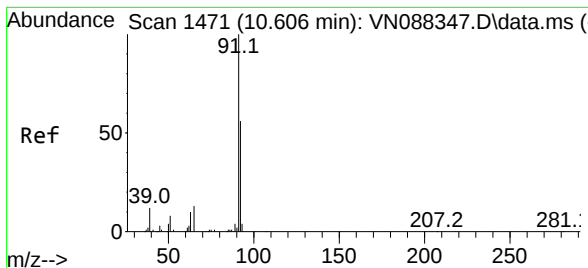
Tgt Ion: 98 Resp: 534292
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 2.213 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 43 Resp: 11472
Ion Ratio Lower Upper
43 100
58 44.2 29.1 43.7#





#52

Toluene

Concen: 34.624 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

Instrument :

MSVOA_N

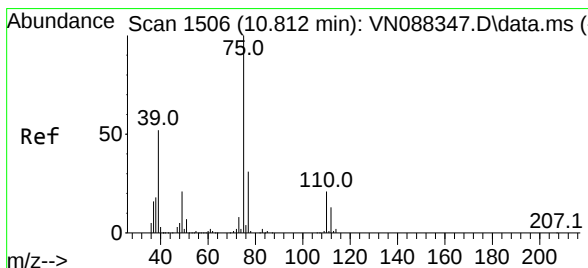
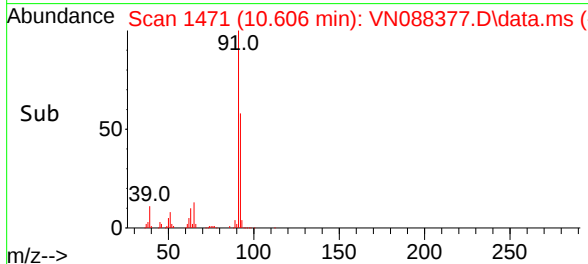
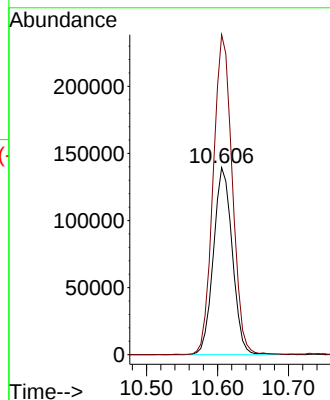
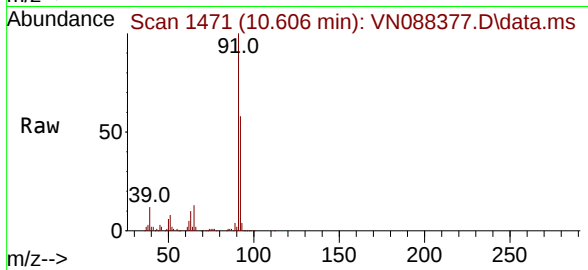
ClientSampleId :

Tgt Ion: 92 Resp: 256896

Ion Ratio Lower Upper

92 100

91 173.4 140.2 210.2



#53

t-1,3-Dichloropropene

Concen: 0.671 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.206 min

Lab File: VN088377.D

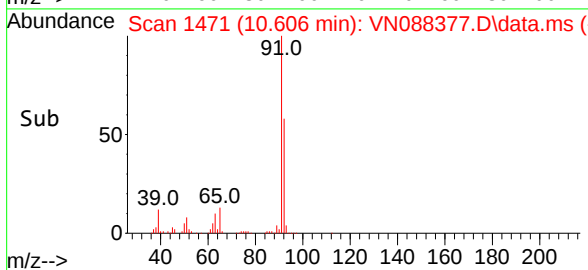
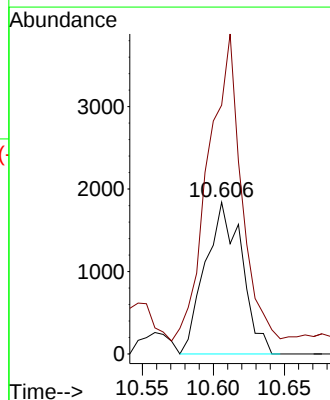
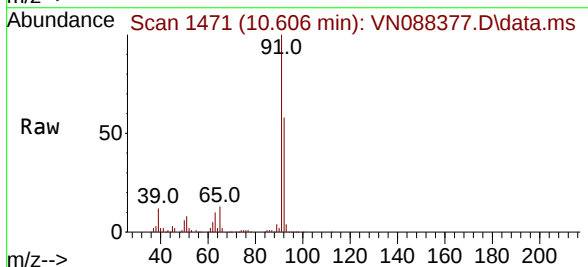
Acq: 01 Dec 2025 13:11

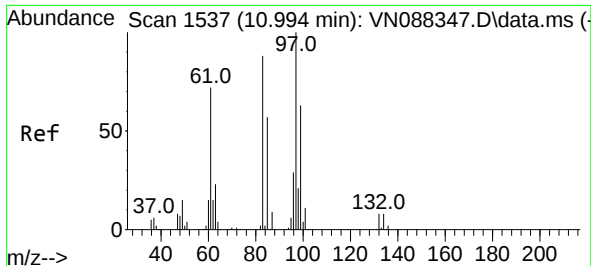
Tgt Ion: 75 Resp: 3304

Ion Ratio Lower Upper

75 100

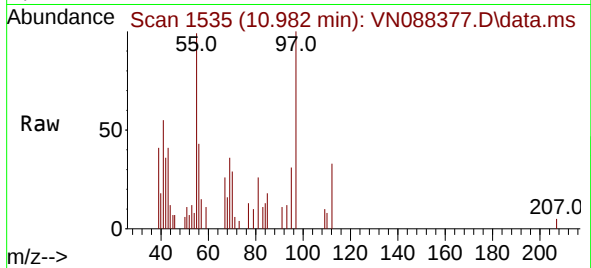
77 154.0 24.8 37.2#



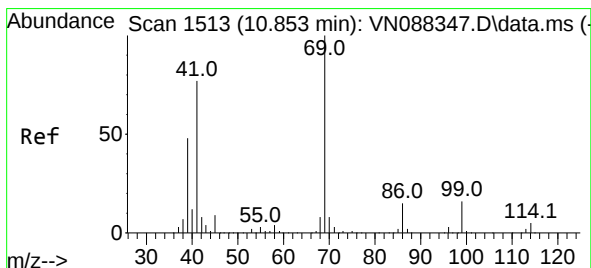
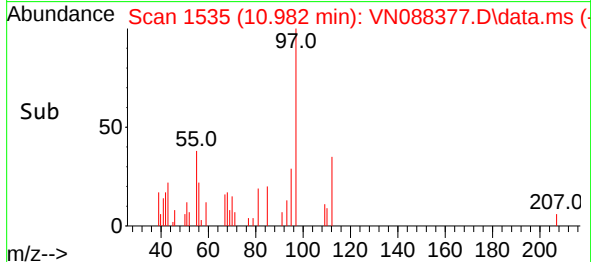
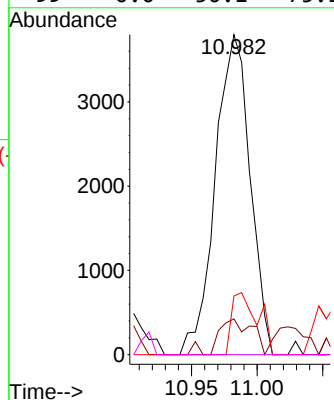


#55
 1,1,2-Trichloroethane
 Concen: 2.437 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. -0.012 min
 Lab File: VN088377.D
 Acq: 01 Dec 2025 13:11

Instrument :
 MSVOA_N
 ClientSampleId :

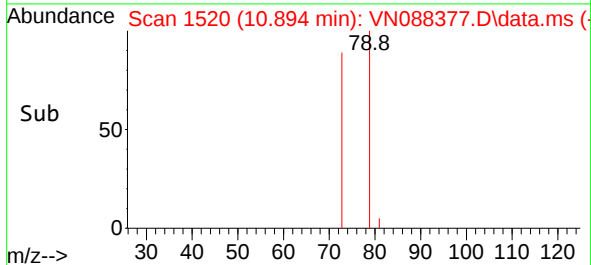
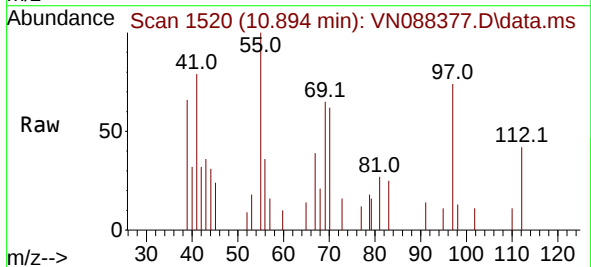
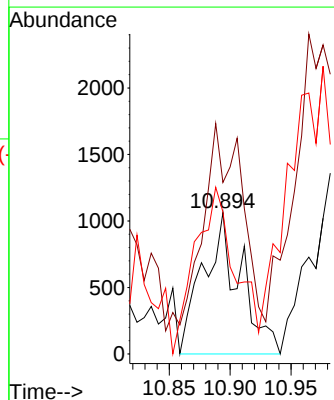


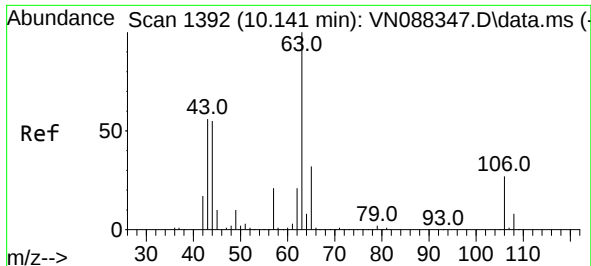
Tgt Ion:	97	Resp:	6997
Ion	Ratio	Lower	Upper
97	100		
83	11.2	70.4	105.6#
85	18.3	45.4	68.2#
99	0.0	50.1	75.1#



#56
 Ethyl methacrylate
 Concen: 0.500 ug/l
 RT: 10.894 min Scan# 1520
 Delta R.T. 0.041 min
 Lab File: VN088377.D
 Acq: 01 Dec 2025 13:11

Tgt Ion:	69	Resp:	2268
Ion	Ratio	Lower	Upper
69	100		
41	140.6	59.6	89.4#
39	127.6	36.4	54.6#

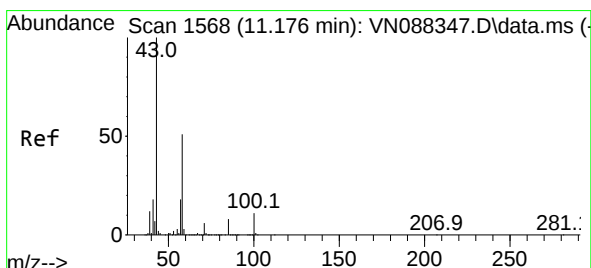
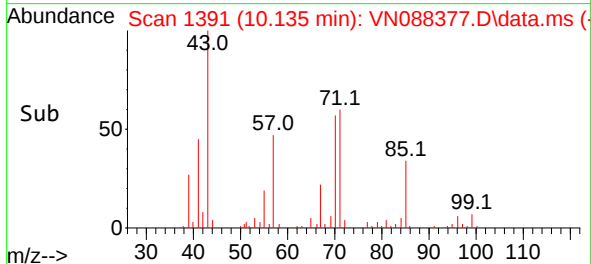
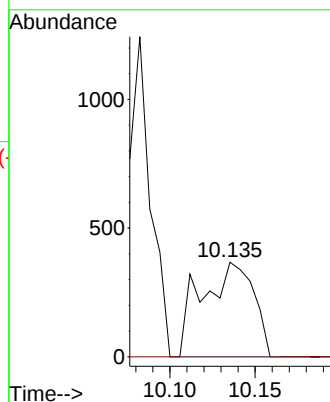
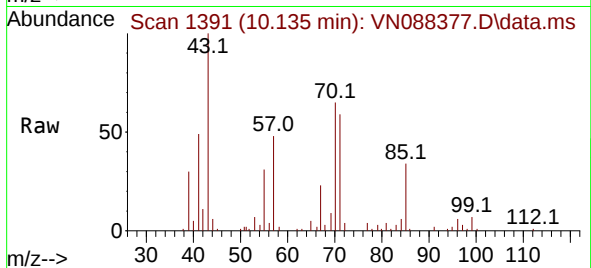




#58
2-Chloroethyl Vinyl ether
Concen: 0.297 ug/l
RT: 10.135 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

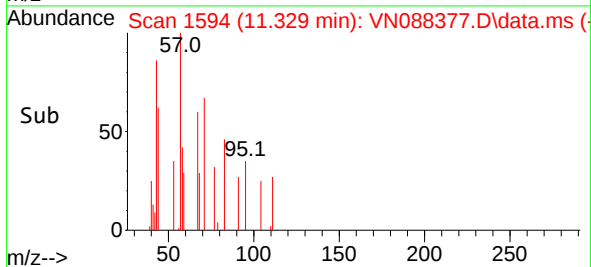
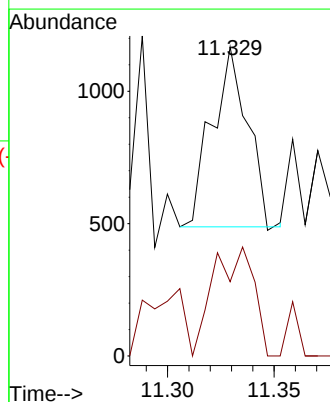
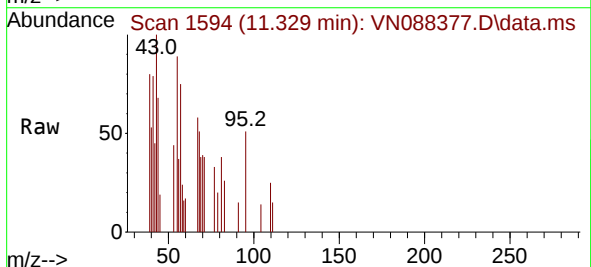
Instrument :
MSVOA_N
ClientSampleId :

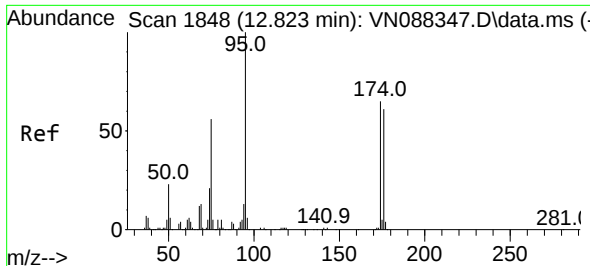
Tgt Ion: 63 Resp: 777
Ion Ratio Lower Upper
63 100
106 0.0 20.5 30.7#



#59
2-Hexanone
Concen: 0.242 ug/l
RT: 11.329 min Scan# 1594
Delta R.T. 0.153 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 68.5 25.3 75.9

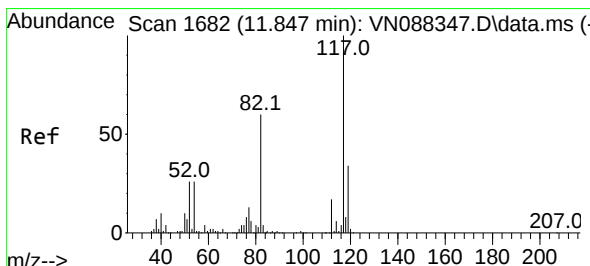
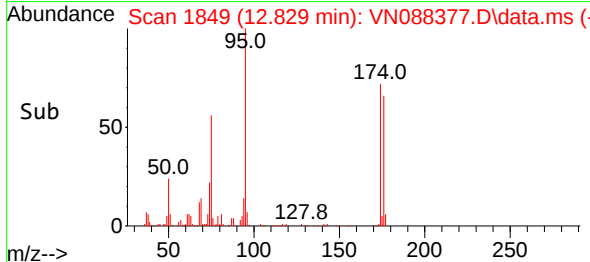
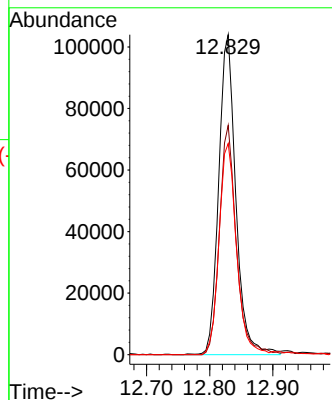
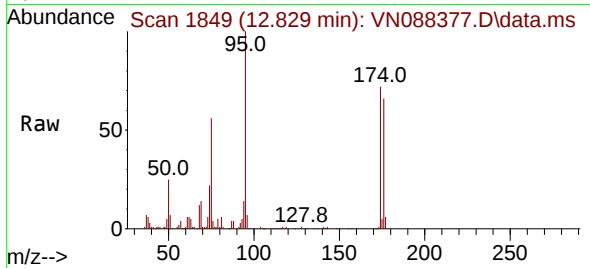




#62
4-Bromofluorobenzene
Concen: 54.029 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

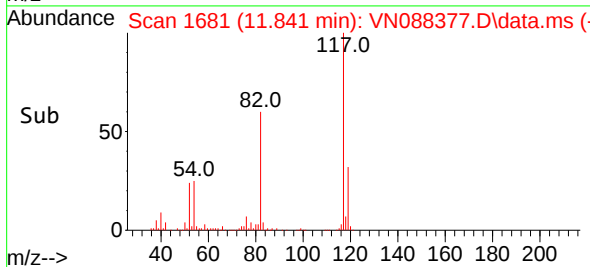
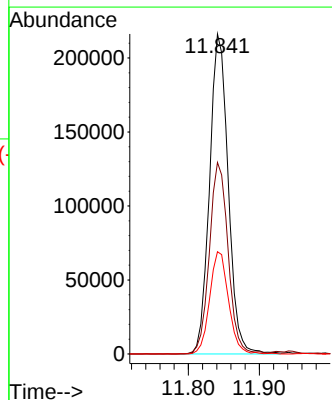
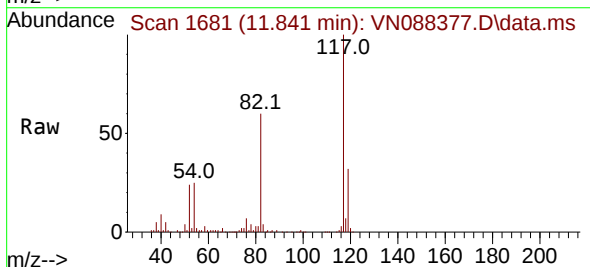
Instrument :
MSVOA_N
ClientSampleId :

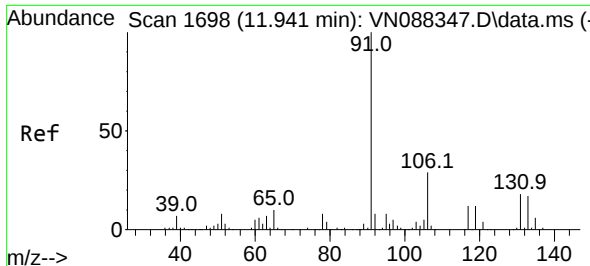
Tgt Ion: 95 Resp: 195668
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.0
176 67.2 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 117 Resp: 394596
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 32.0 26.9 40.3

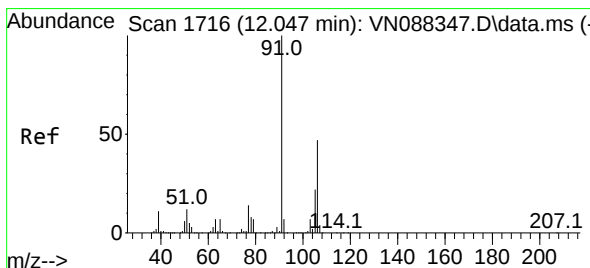
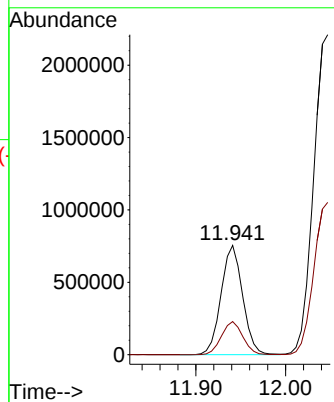
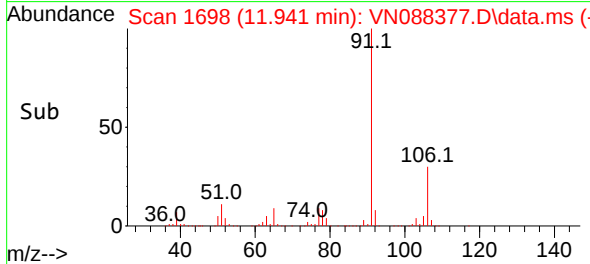
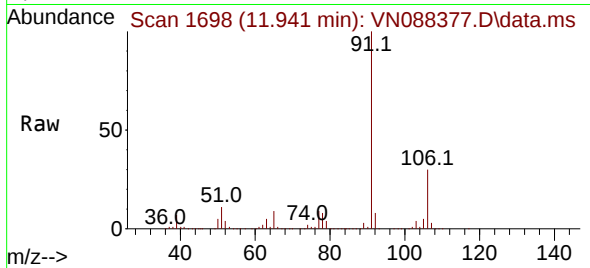




#67
Ethyl Benzene
Concen: 81.316 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

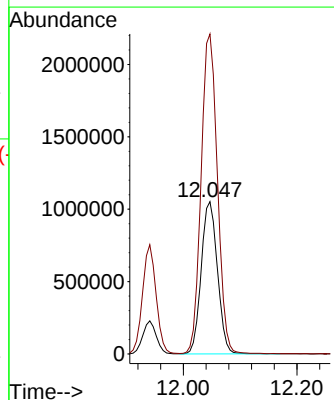
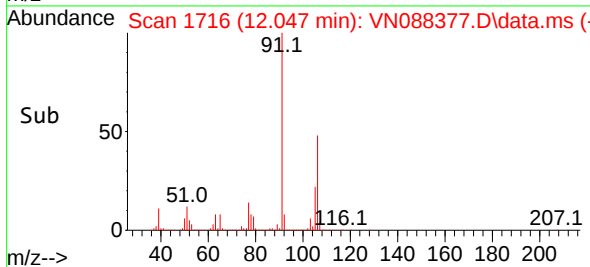
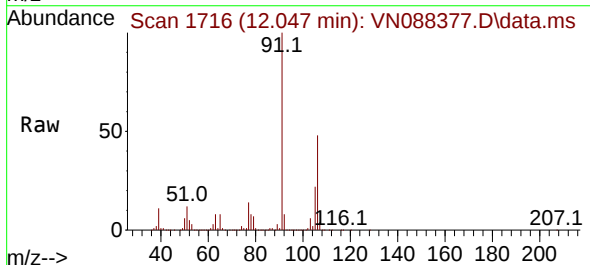
Instrument :
MSVOA_N
ClientSampleId :

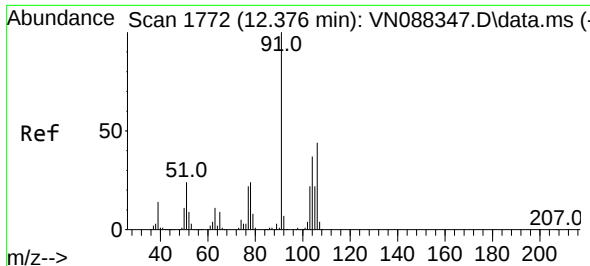
Tgt Ion: 91 Resp: 1259704
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4



#68
m/p-Xylenes
Concen: 362.488 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:106 Resp: 2082018
Ion Ratio Lower Upper
106 100
91 210.9 167.8 251.6

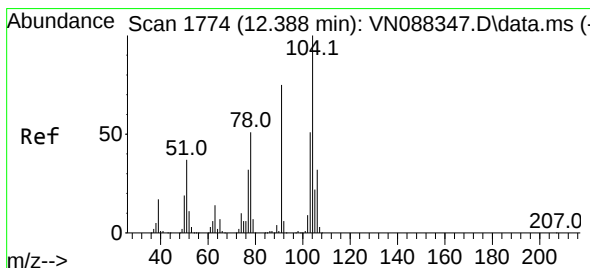
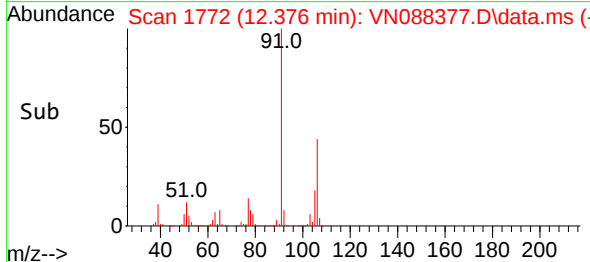
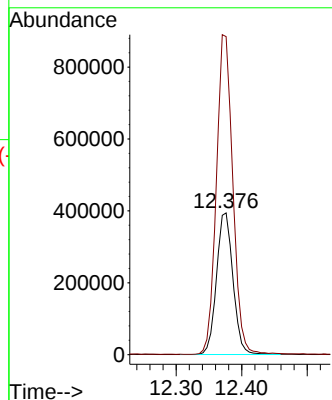
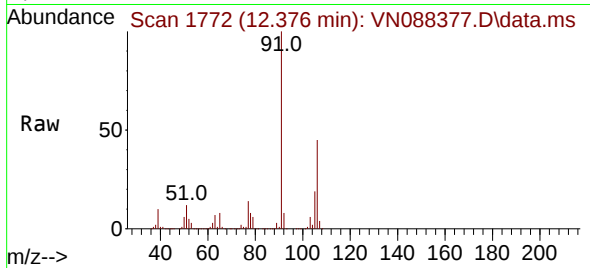




#69
o-Xylene
Concen: 125.284 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

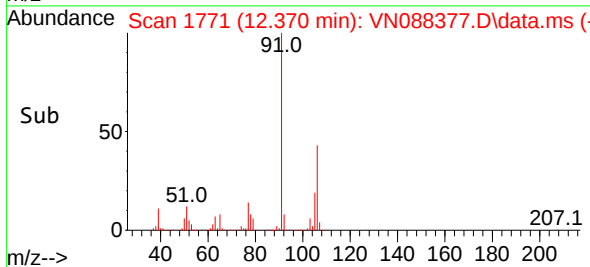
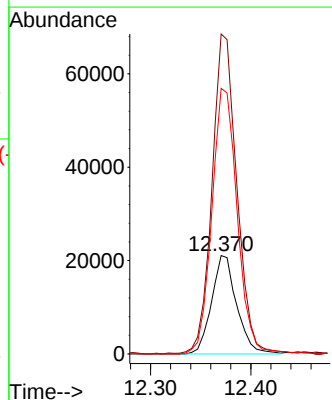
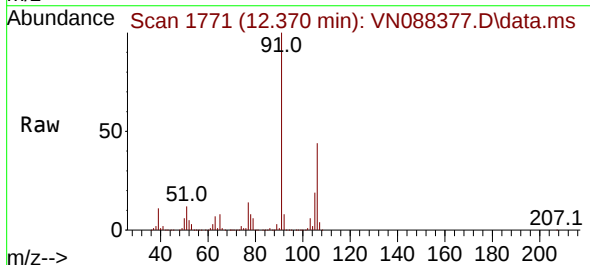
Instrument :
MSVOA_N
ClientSampleId :

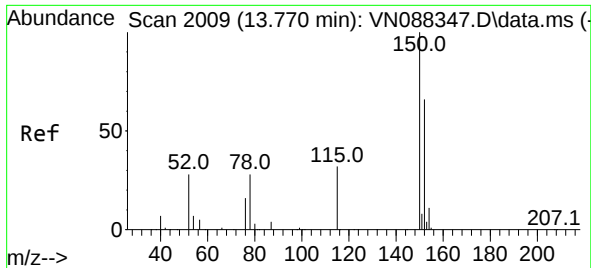
Tgt Ion:106 Resp: 686034
Ion Ratio Lower Upper
106 100
91 226.0 112.9 338.7



#70
Styrene
Concen: 4.116 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.018 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

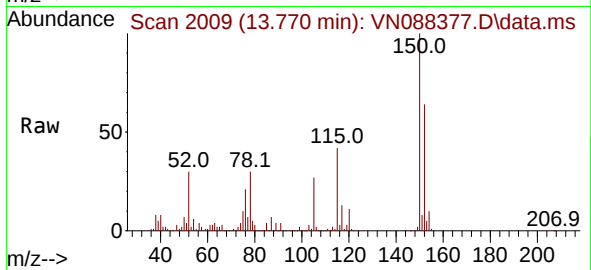
Tgt Ion:104 Resp: 36598
Ion Ratio Lower Upper
104 100
78 322.3 44.3 66.5#
103 273.9 44.2 66.4#



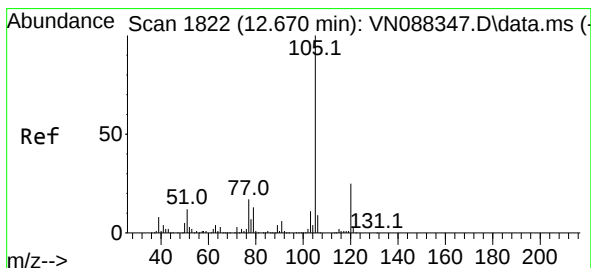
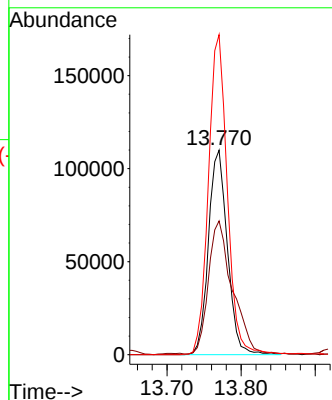
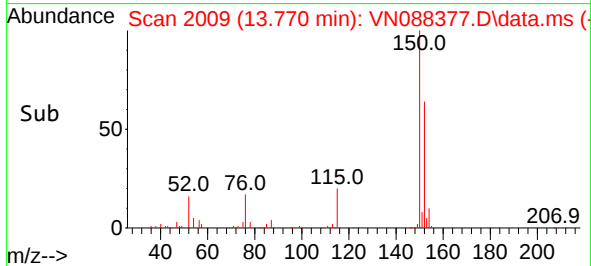


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :

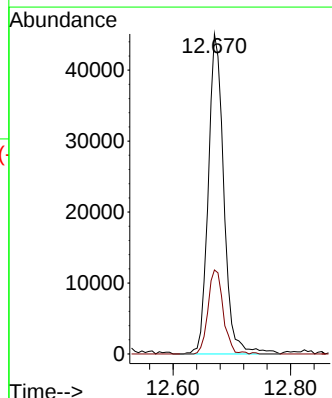
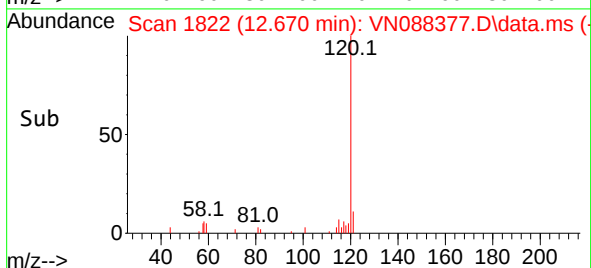
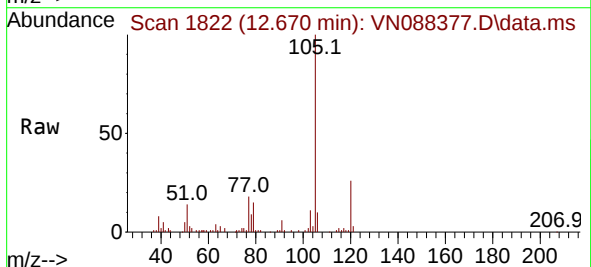


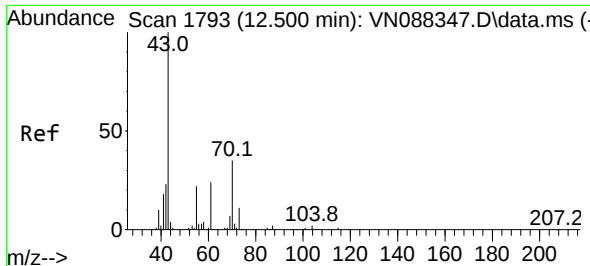
Tgt Ion:152 Resp: 195429
Ion Ratio Lower Upper
152 100
115 82.2 33.0 98.9
150 156.0 0.0 349.0



#73
Isopropylbenzene
Concen: 5.722 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

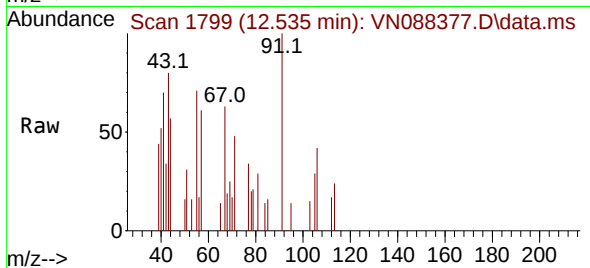
Tgt Ion:105 Resp: 82688
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



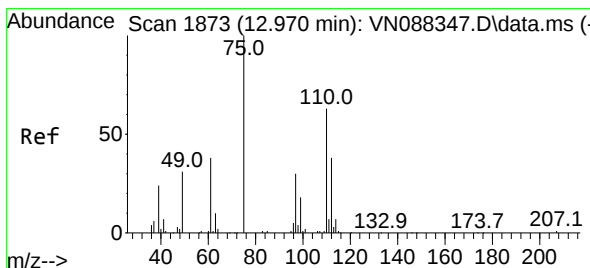
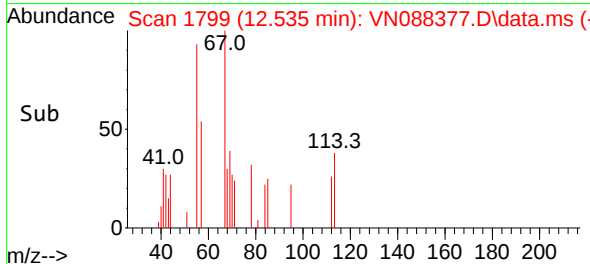
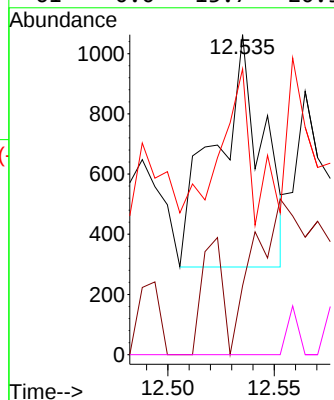


#74
N-amy1 acetate
Concen: 0.242 ug/l
RT: 12.535 min Scan# 1190
Delta R.T. 0.035 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :

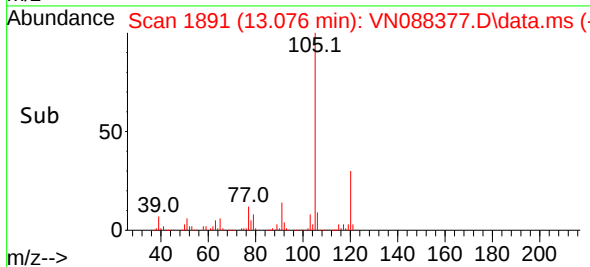
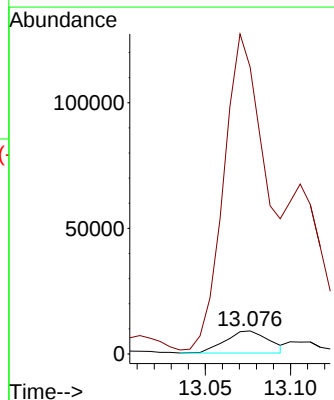
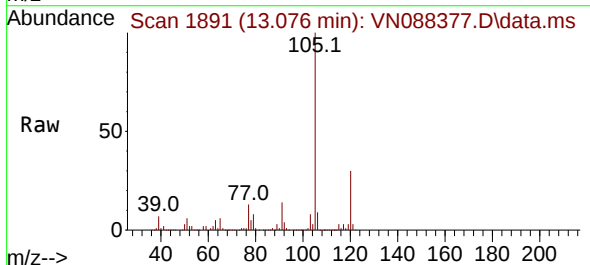


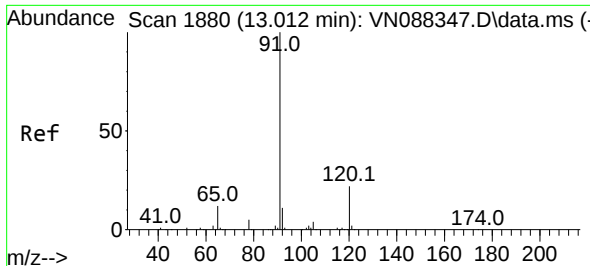
Tgt Ion:	43	Resp:	1190
Ion Ratio	100	Lower	Upper
70	21.7	28.3	42.5#
55	32.1	17.7	26.5#
61	0.0	13.7	20.5#



#76
1,2,3-Trichloropropane
Concen: 3.386 ug/l
RT: 13.076 min Scan# 1891
Delta R.T. 0.106 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:	75	Resp:	15497
Ion Ratio	100	Lower	Upper
77	1386.8	87.2	261.6#

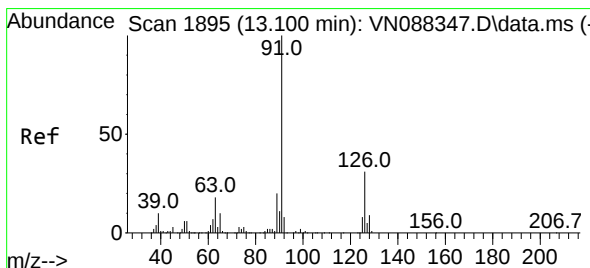
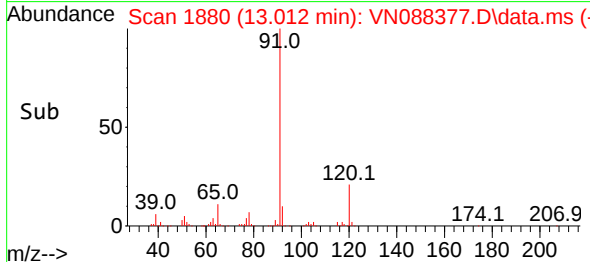
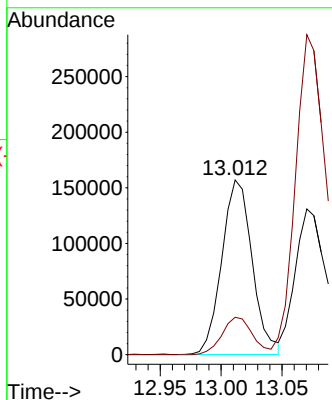
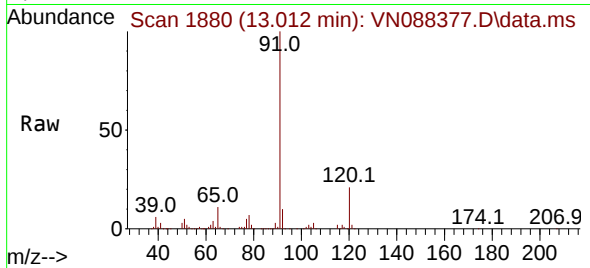




#78
n-propylbenzene
Concen: 15.436 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

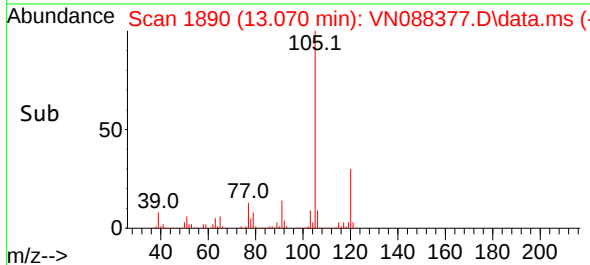
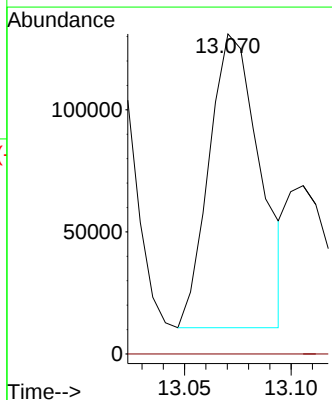
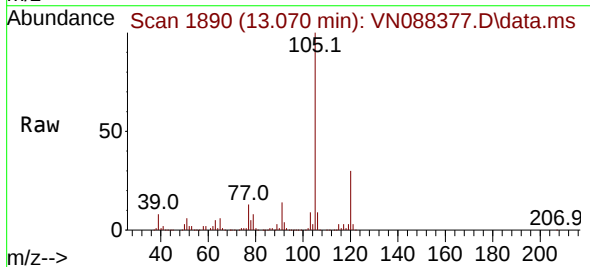
Instrument :
MSVOA_N
ClientSampleId :

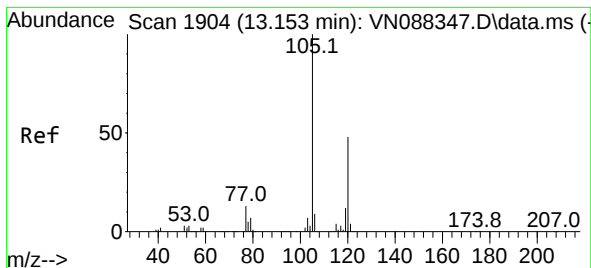
Tgt Ion: 91 Resp: 272873
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6



#79
2-Chlorotoluene
Concen: 18.528 ug/l
RT: 13.070 min Scan# 1890
Delta R.T. -0.029 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 91 Resp: 200015
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#





#80

1,3,5-Trimethylbenzene

Concen: 80.939 ug/l

RT: 13.147 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

Instrument :

MSVOA_N

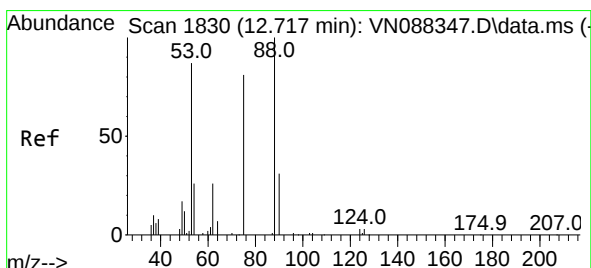
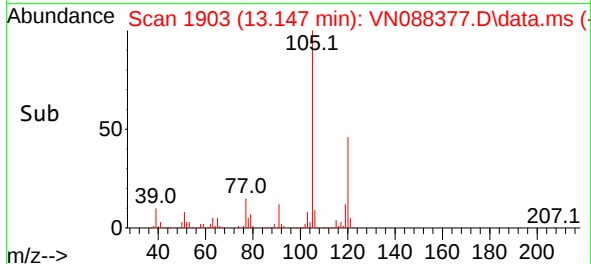
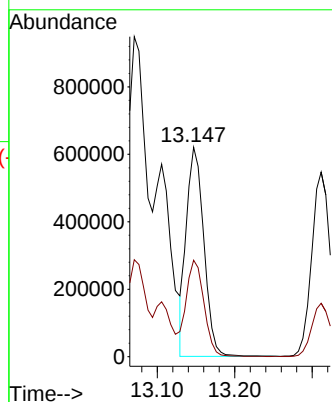
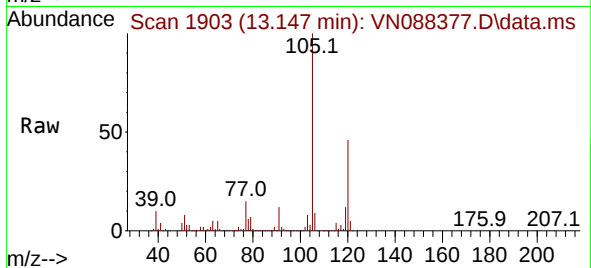
ClientSampleId :

Tgt Ion:105 Resp: 969130

Ion Ratio Lower Upper

105 100

120 48.8 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 69.915 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.112 min

Lab File: VN088377.D

Acq: 01 Dec 2025 13:11

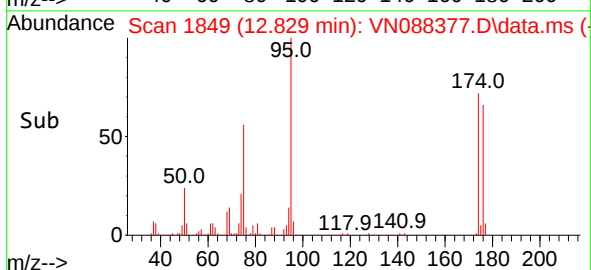
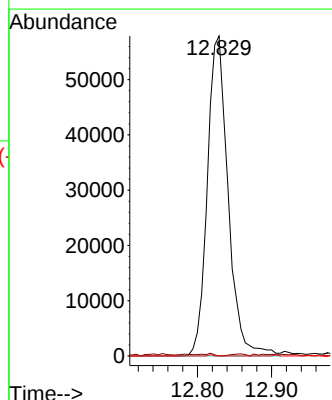
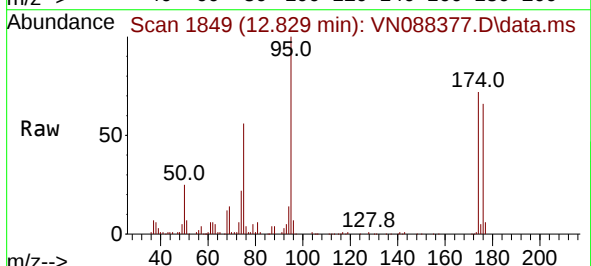
Tgt Ion: 75 Resp: 112805

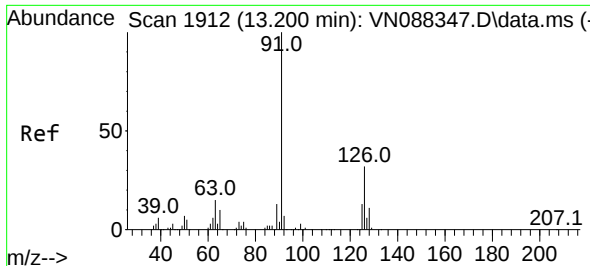
Ion Ratio Lower Upper

75 100

53 0.4 92.2 138.4#

89 0.0 0.0 0.0

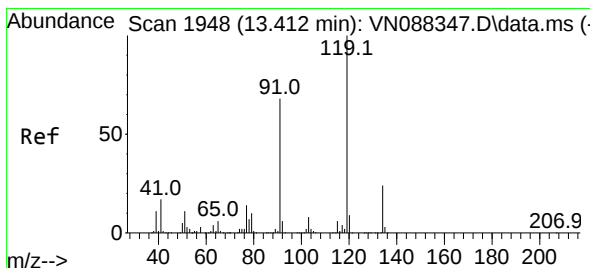
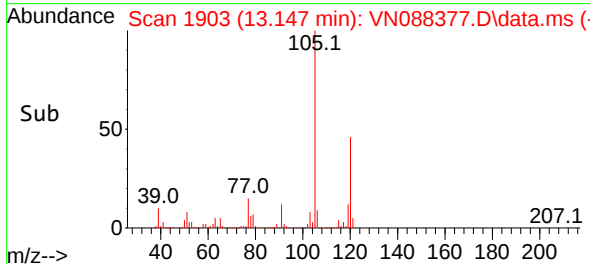
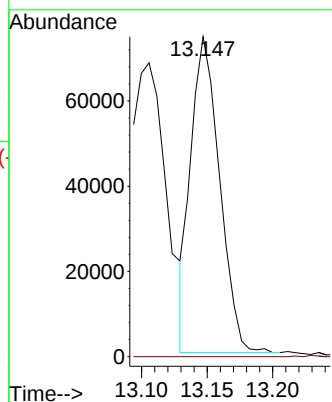
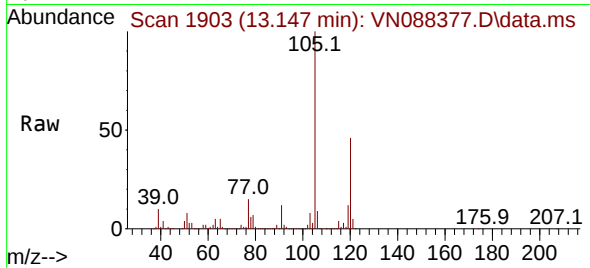




#82
4-Chlorotoluene
Concen: 10.525 ug/l
RT: 13.147 min Scan# 1912
Delta R.T. -0.053 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

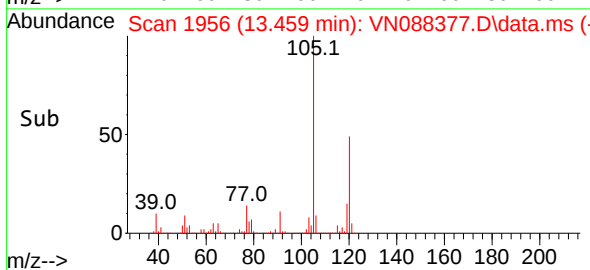
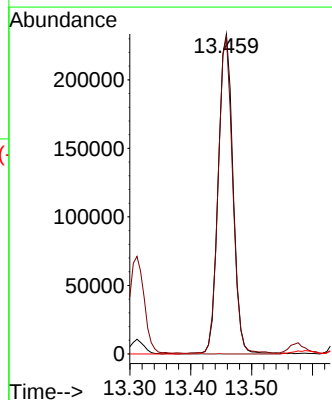
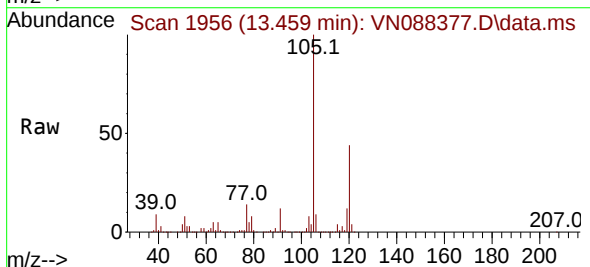
Instrument :
MSVOA_N
ClientSampleId :

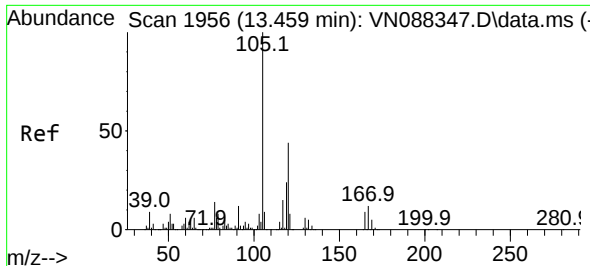
Tgt Ion: 91 Resp: 112852
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 38.390 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion: 119 Resp: 390754
Ion Ratio Lower Upper
119 100
91 97.2 35.1 105.3
134 0.0 12.8 38.4#

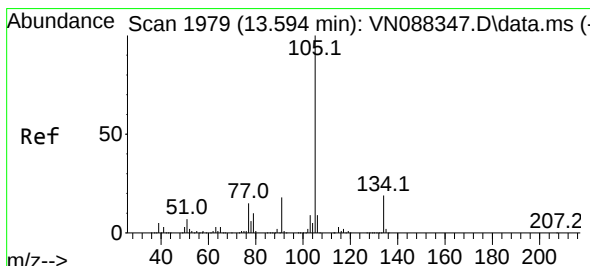
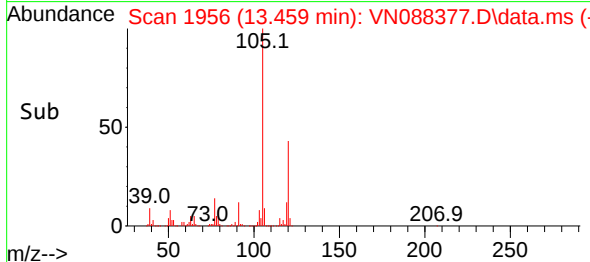
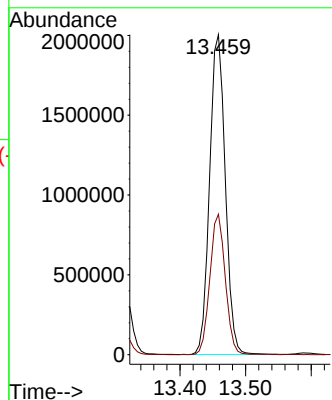
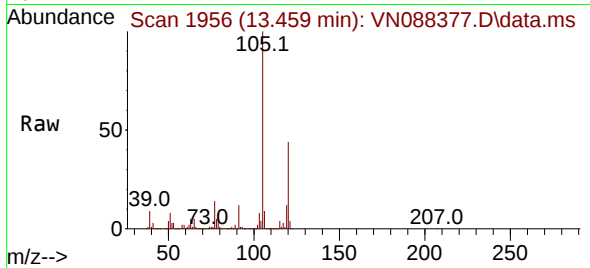




#84
1,2,4-Trimethylbenzene
Concen: 279.403 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

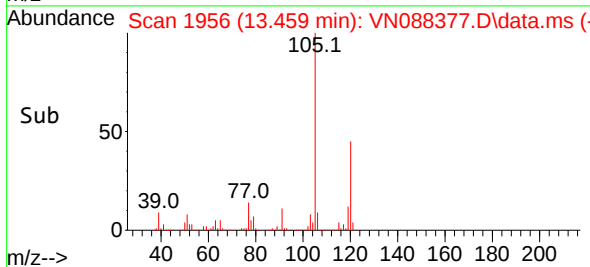
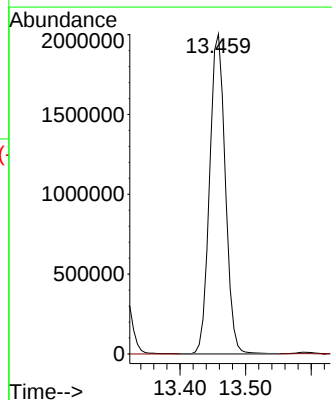
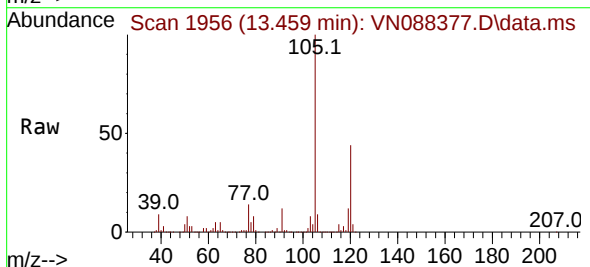
Instrument :
MSVOA_N
ClientSampleId :

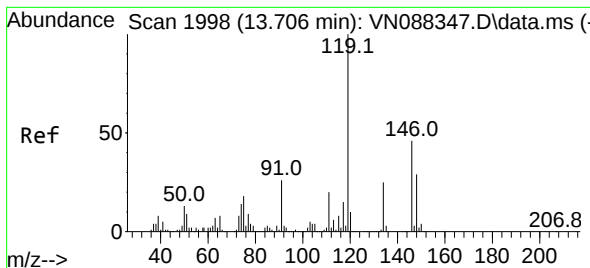
Tgt Ion:105 Resp: 3325259
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.1



#85
sec-Butylbenzene
Concen: 227.408 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.135 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Tgt Ion:105 Resp: 3325259
Ion Ratio Lower Upper
105 100
134 0.0 9.5 28.5#

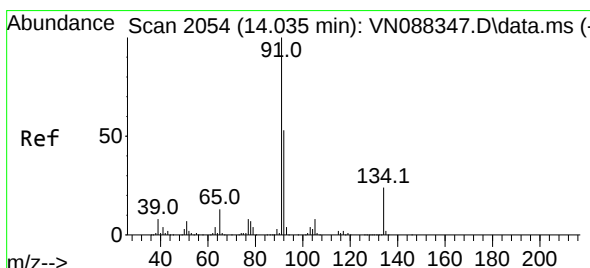
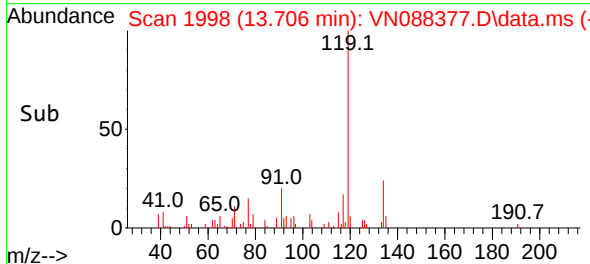
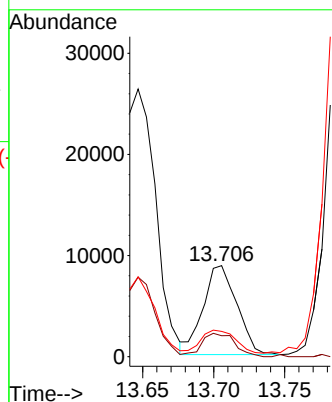
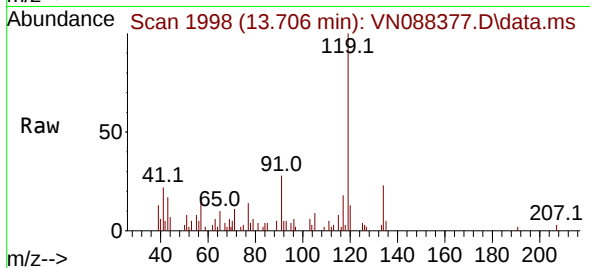




#86
 p-Isopropyltoluene
 Concen: 1.216 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088377.D
 Acq: 01 Dec 2025 13:11

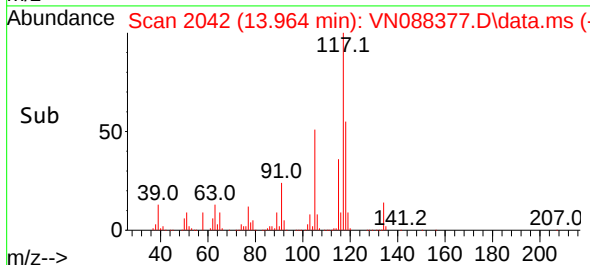
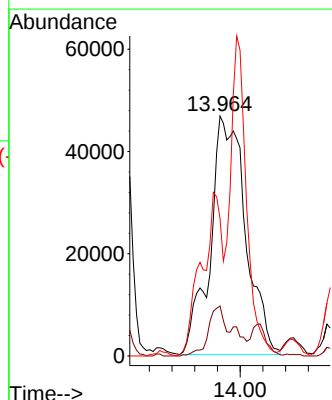
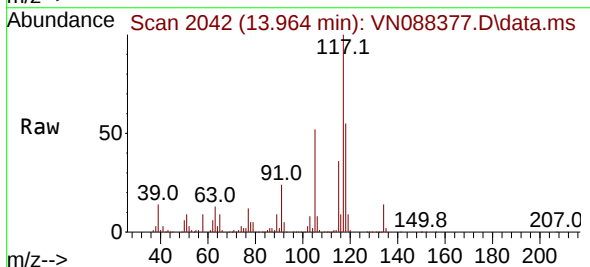
Instrument :
 MSVOA_N
 ClientSampleId :

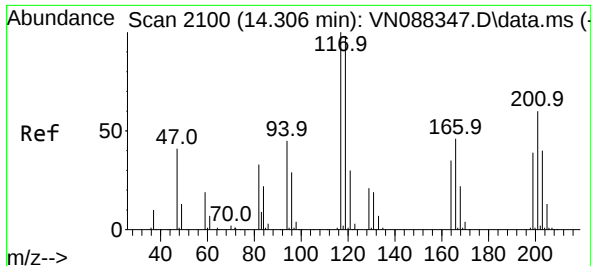
Tgt Ion:119 Resp: 14583
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.2 36.6
 91 0.0 13.0 39.0#



#89
 n-Butylbenzene
 Concen: 17.359 ug/l
 RT: 13.964 min Scan# 2042
 Delta R.T. -0.071 min
 Lab File: VN088377.D
 Acq: 01 Dec 2025 13:11

Tgt Ion: 91 Resp: 202097
 Ion Ratio Lower Upper
 91 100
 92 10.4 26.1 78.3#
 134 39.1 11.7 35.1#

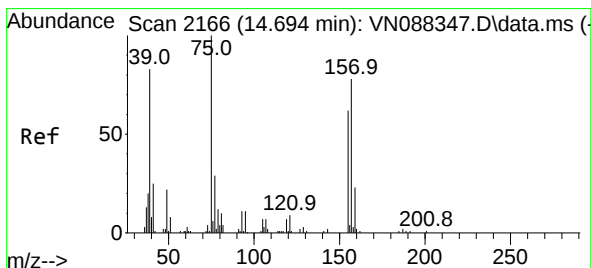
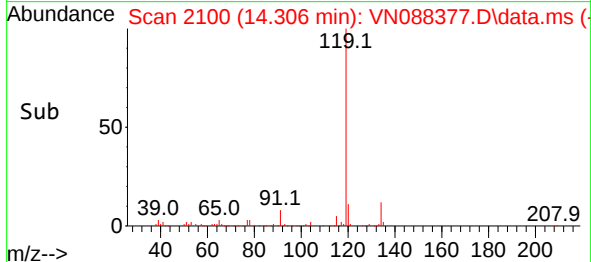
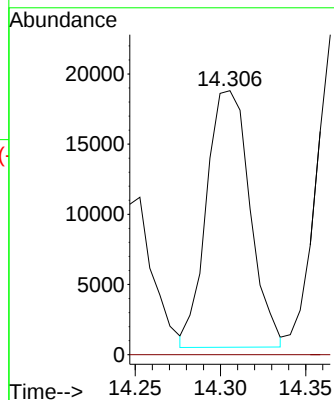
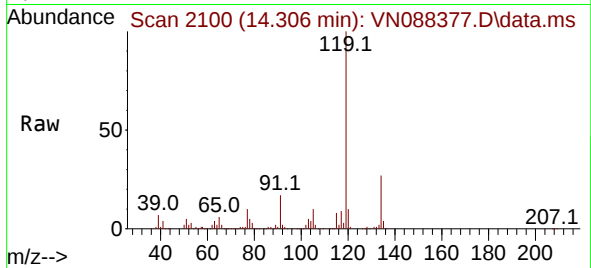




#90
Hexachloroethane
Concen: 14.773 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

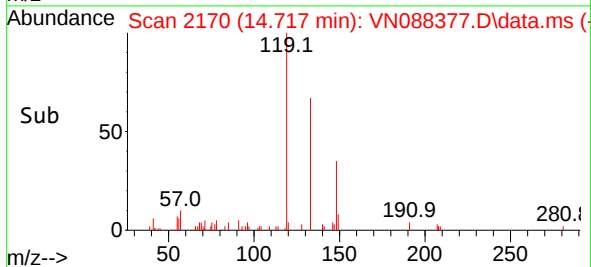
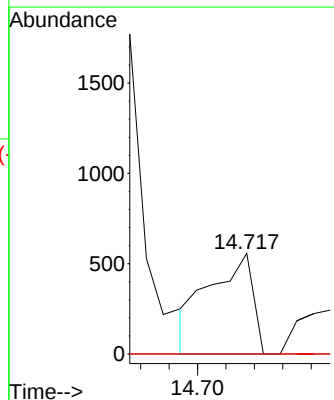
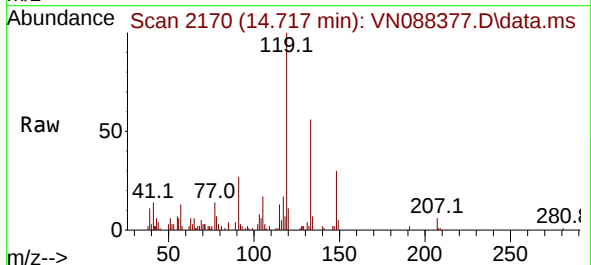
Instrument :
MSVOA_N
ClientSampleId :

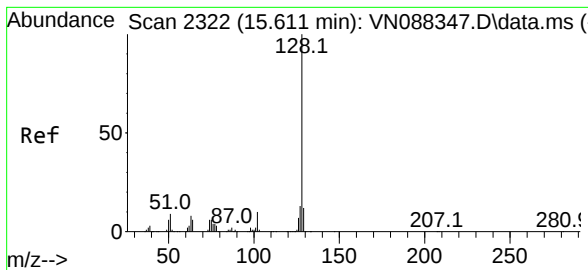
Tgt Ion:117 Resp: 32360
Ion Ratio Lower Upper
117 100
201 0.0 30.3 90.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.529 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.024 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

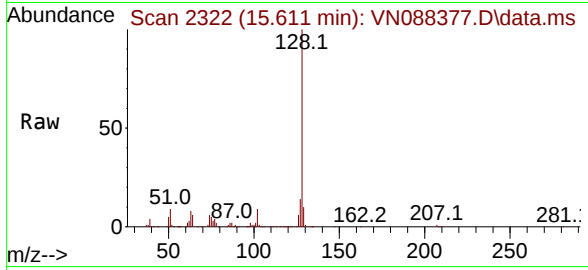
Tgt Ion: 75 Resp: 600
Ion Ratio Lower Upper
75 100
155 0.0 33.7 101.1#
157 0.0 43.8 131.3#





#95
Naphthalene
Concen: 29.868 ug/l
RT: 15.611 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088377.D
Acq: 01 Dec 2025 13:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 372441
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.0 9.0 13.6

