

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088379.D
 Acq On : 01 Dec 2025 13:52
 Operator : JC\MD
 Sample : Q3716-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 00:13:45 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	191077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	409524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	398646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206355	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	190583	52.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.900%	
35) Dibromofluoromethane	8.147	113	143748	50.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	10.541	98	533344	50.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.829	95	216607	59.784	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.560%	

Target Compounds

						Qvalue
3) Chloromethane	2.342	50	8263	2.681	ug/l #	61
6) Chloroethane	3.253	64	632	0.326	ug/l #	24
11) Tert butyl alcohol	5.518	59	6595	11.476	ug/l #	72
13) Acrolein	4.148	56	85264	154.972	ug/l #	1
14) Allyl chloride	5.136	41	90129	20.859	ug/l #	31
15) Acrylonitrile	5.800	53	35773	21.575	ug/l #	34
16) Acetone	4.412	43	60788	46.696	ug/l #	67
17) Carbon Disulfide	4.724	76	4802	0.630	ug/l #	78
18) Methyl Acetate	5.112	43	23380	6.034	ug/l #	53
20) Methylene Chloride	5.253	84	4089	1.468	ug/l #	1
23) Vinyl Acetate	6.583	43	21069	2.835	ug/l #	73
24) 1,1-Dichloroethane	6.565	63	1710	0.327	ug/l #	83
25) 2-Butanone	7.477	43	21854	10.443	ug/l #	67
28) Bromochloromethane	7.988	49	3303	1.269	ug/l #	20
29) Tetrahydrofuran	7.818	42	935	0.623	ug/l #	36
30) Chloroform	7.912	83	20920	4.076	ug/l #	19
31) Cyclohexane	8.236	56	328913	69.480	ug/l #	92
36) 1,1-Dichloropropene	8.200	75	19425	4.435	ug/l #	53
37) Ethyl Acetate	7.477	43	21854	3.795	ug/l #	72
38) Carbon Tetrachloride	8.200	117	22071	5.062	ug/l #	16
39) Methylcyclohexane	9.577	83	336127	71.746	ug/l	91
40) Benzene	8.588	78	2876097	223.732	ug/l	99
41) Methacrylonitrile	7.824	41	9693	3.398	ug/l #	46
42) 1,2-Dichloroethane	8.594	62	26803	5.465	ug/l	100
43) Isopropyl Acetate	8.677	43	50231	5.709	ug/l #	58
45) 1,2-Dichloropropane	9.618	63	1230	0.373	ug/l #	1
47) Bromodichloromethane	9.847	83	13995	2.918	ug/l #	30
48) Methyl methacrylate	9.706	41	31034	7.730	ug/l #	37
51) 4-Methyl-2-Pentanone	10.547	43	19776	3.813	ug/l	91
52) Toluene	10.606	92	10550086	1421.311	ug/l	90
53) t-1,3-Dichloropropene	10.606	75	147004	29.862	ug/l #	1
55) 1,1,2-Trichloroethane	10.982	97	53627	18.673	ug/l #	31
56) Ethyl methacrylate	10.829	69	4240	0.935	ug/l #	19
58) 2-Chloroethyl Vinyl ether	10.124	63	4184	1.600	ug/l #	49
59) 2-Hexanone	11.147	43	32714	10.013	ug/l #	32
67) Ethyl Benzene	11.941	91	7539640	481.754	ug/l	99

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

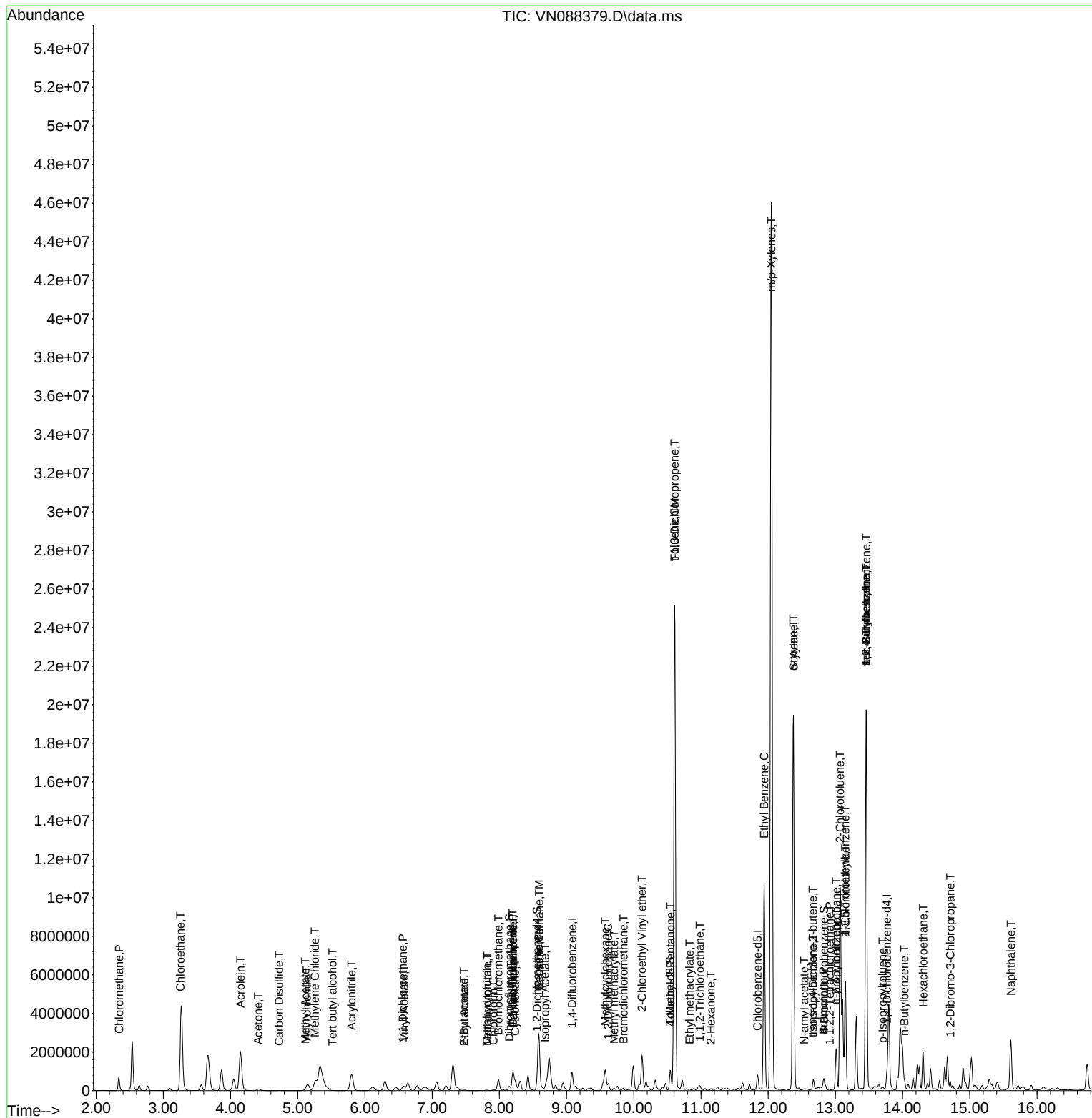
68) m/p-Xylenes	12.047	106	13748388	2369.332	ug/l #	1
69) o-Xylene	12.376	106	5054489	913.674	ug/l	99
70) Styrene	12.376	104	259305	28.868	ug/l #	1
71) Bromoform	12.823	173	1032	0.467	ug/l #	1
73) Isopropylbenzene	12.671	105	356793	23.385	ug/l	100
74) N-amyl acetate	12.535	43	7861	1.513	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.918	83	1257	0.255	ug/l #	23
76) 1,2,3-Trichloropropane	13.012	75	12183	2.521	ug/l #	1
78) n-propylbenzene	13.012	91	1699094	91.027	ug/l	100
79) 2-Chlorotoluene	13.071	91	1238424	108.647	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.147	105	2914167	230.496	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.665	75	6012	3.529	ug/l #	81
82) 4-Chlorotoluene	13.147	91	332726	29.389	ug/l #	44
83) tert-Butylbenzene	13.459	119	1262019	117.424	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.459	105	10724506	853.409	ug/l	99
85) sec-Butylbenzene	13.459	105	10724506	694.596	ug/l #	58
86) p-Isopropyltoluene	13.706	119	48795	3.854	ug/l #	72
89) n-Butylbenzene	14.029	91	172834	14.059	ug/l #	72
90) Hexachloroethane	14.306	117	94135	40.700	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.712	75	906	0.757	ug/l #	10
95) Naphthalene	15.612	128	2280660	173.212	ug/l	99

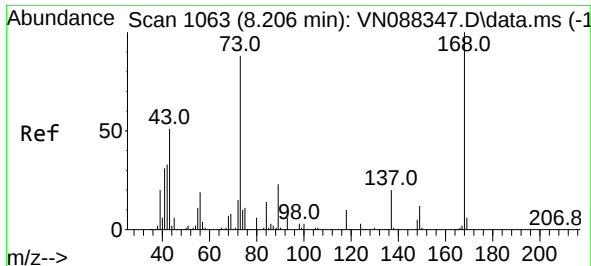
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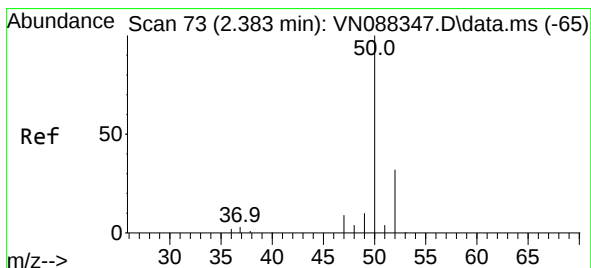
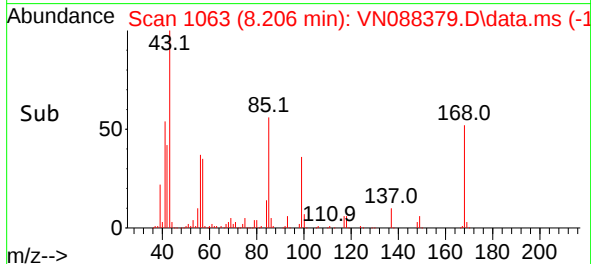
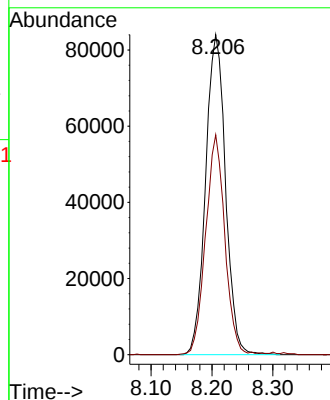
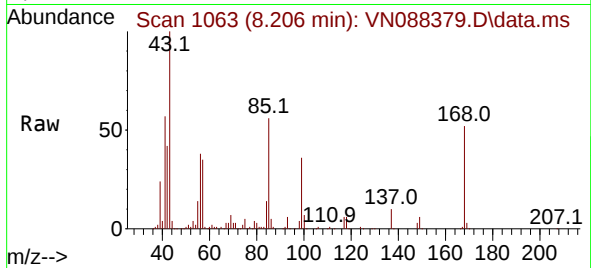




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
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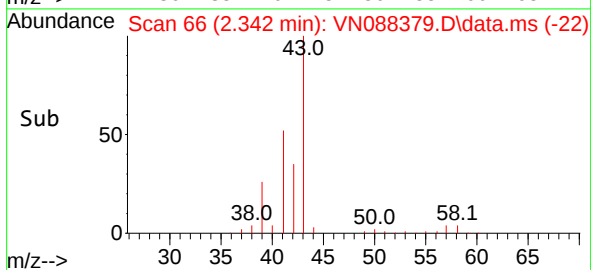
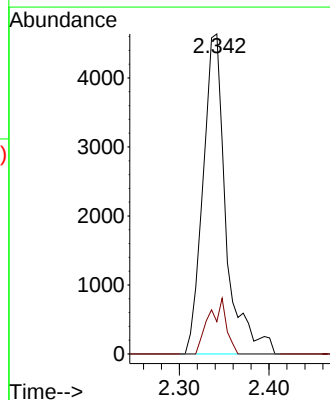
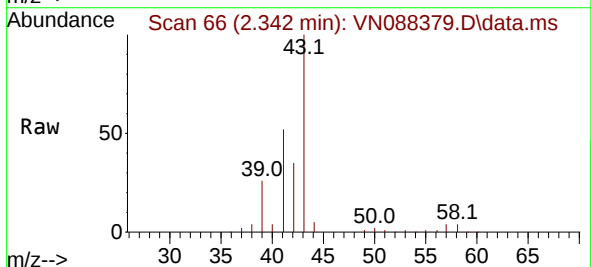
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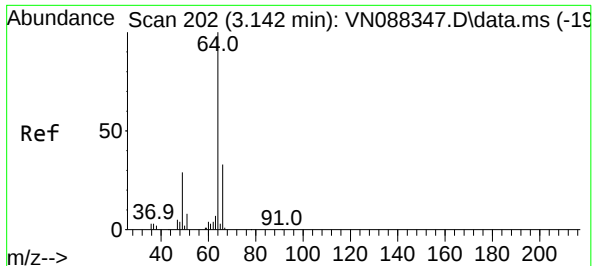
Tgt Ion:168 Resp: 191077
Ion Ratio Lower Upper
168 100
99 68.5 57.1 85.7



#3
Chloromethane
Concen: 2.681 ug/l
RT: 2.342 min Scan# 66
Delta R.T. -0.041 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 50 Resp: 8263
Ion Ratio Lower Upper
50 100
52 10.1 25.2 37.8#

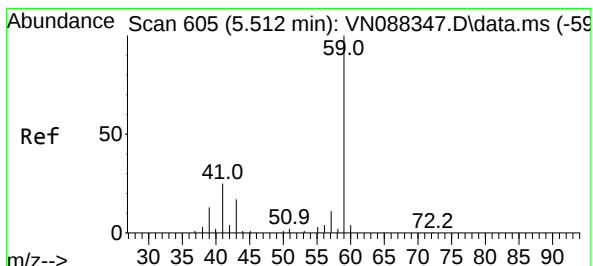
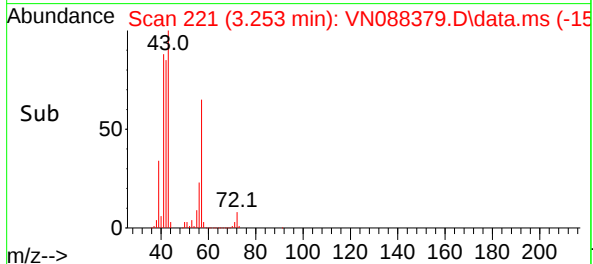
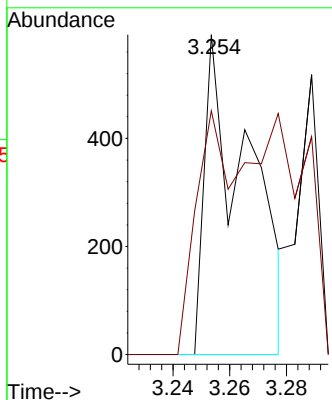
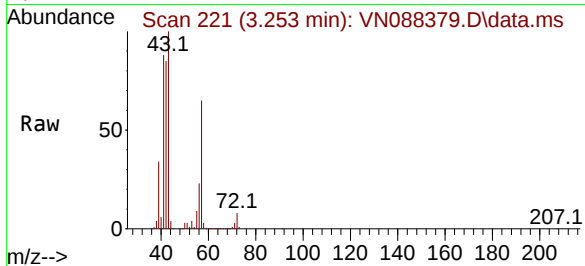




#6
Chloroethane
Concen: 0.326 ug/l
RT: 3.253 min Scan# 21
Delta R.T. 0.112 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

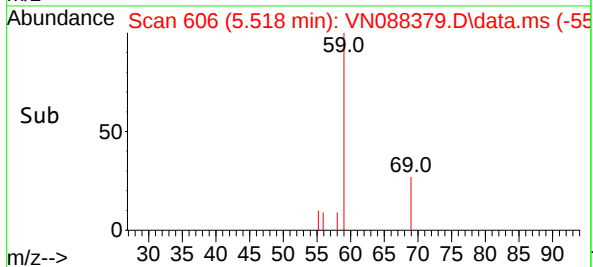
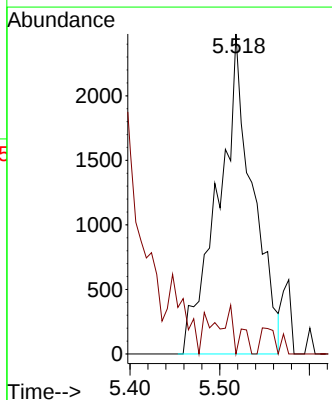
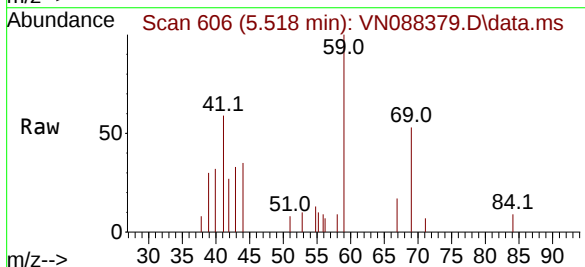
Instrument :
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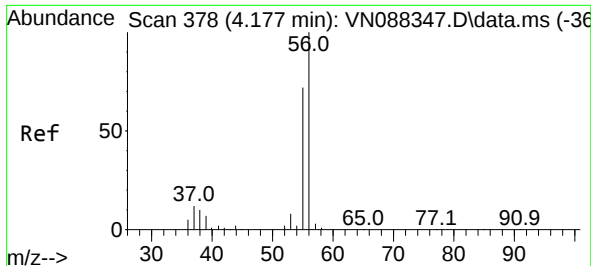
Tgt Ion: 64 Resp: 632
Ion Ratio Lower Upper
64 100
66 76.2 26.4 39.6#



#11
Tert butyl alcohol
Concen: 11.476 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 59 Resp: 6595
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

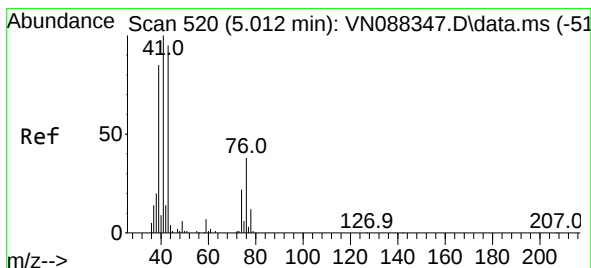
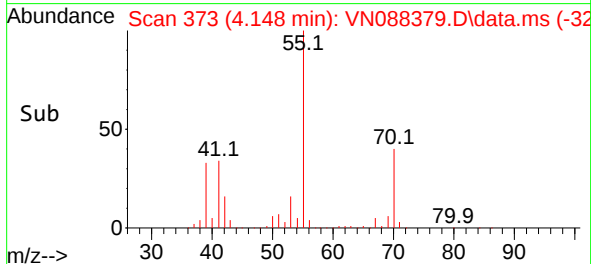
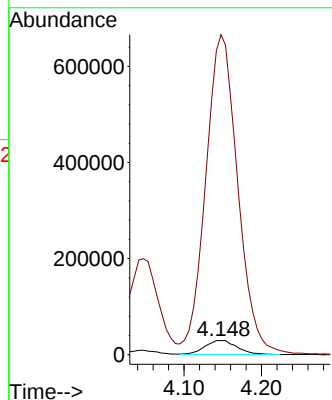
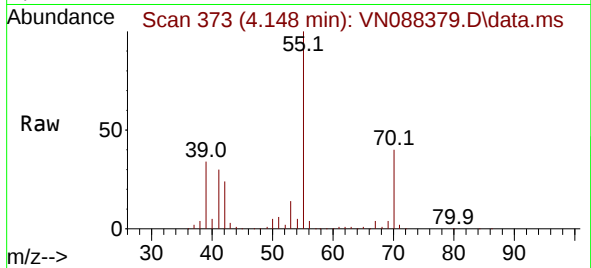




#13
Acrolein
Concen: 154.972 ug/l
RT: 4.148 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

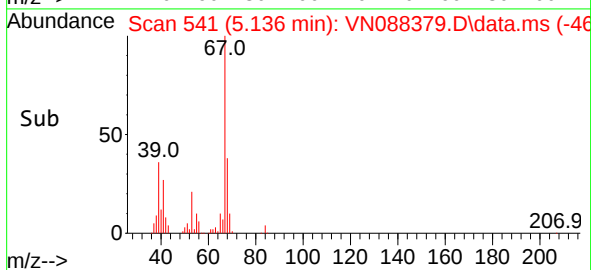
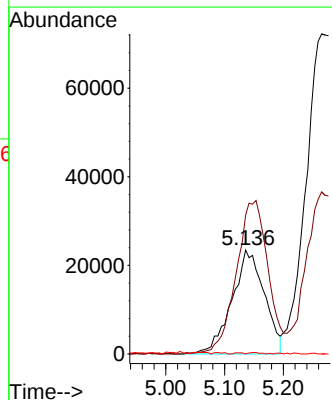
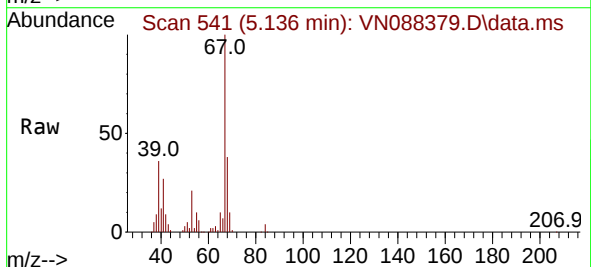
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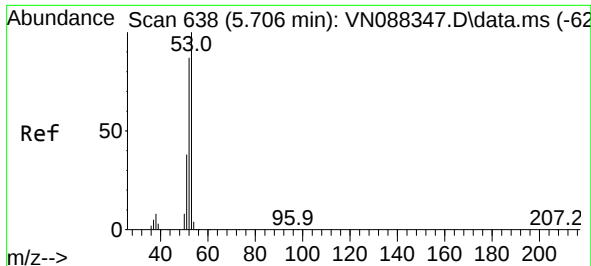
Tgt Ion: 56 Resp: 85264
Ion Ratio Lower Upper
56 100
55 2246.4 56.3 84.5#



#14
Allyl chloride
Concen: 20.859 ug/l
RT: 5.136 min Scan# 541
Delta R.T. 0.124 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 41 Resp: 90129
Ion Ratio Lower Upper
41 100
39 145.9 64.7 97.1#
76 0.5 29.1 43.7#

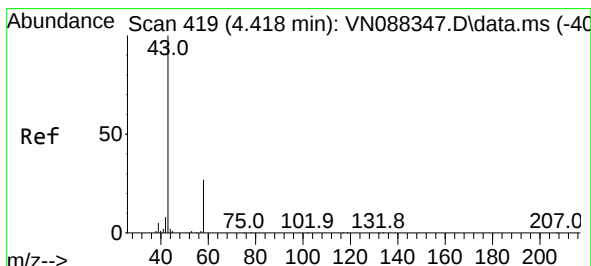
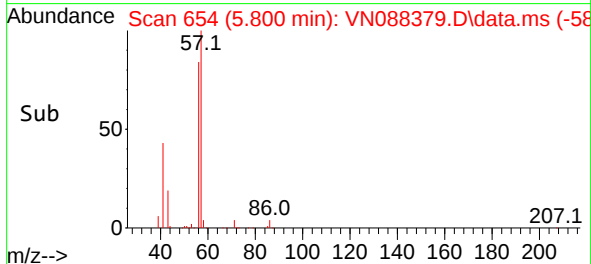
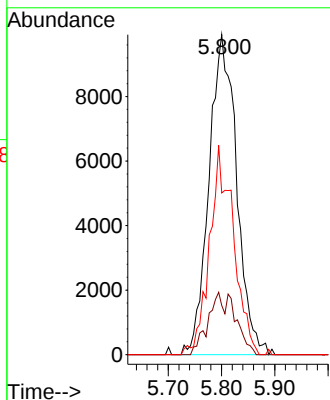
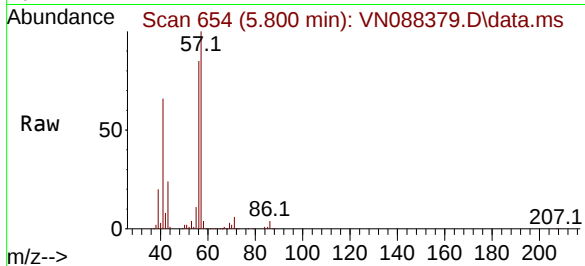




#15
Acrylonitrile
Concen: 21.575 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.094 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

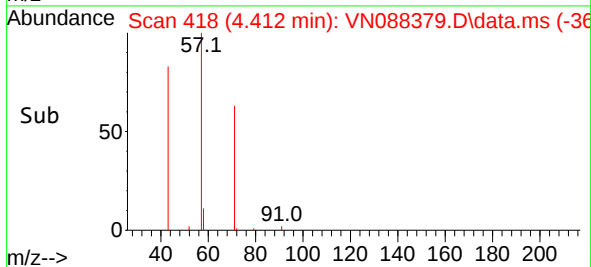
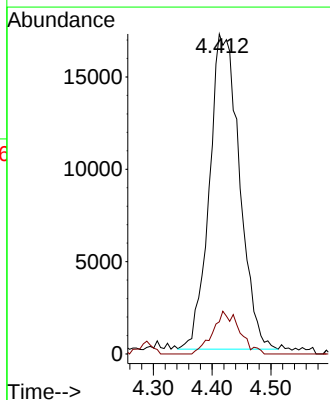
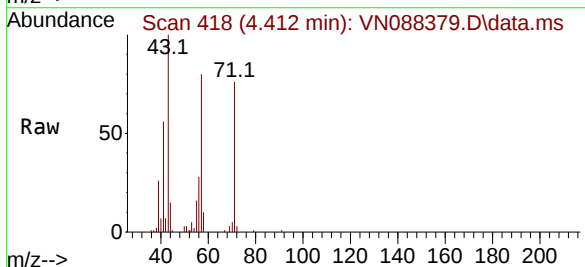
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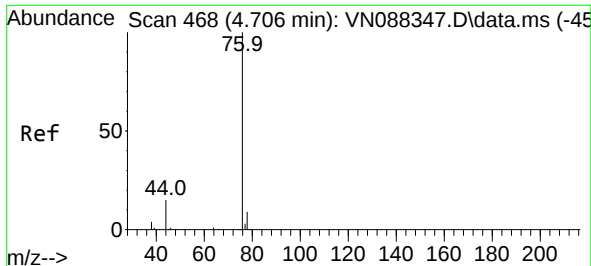
Tgt Ion: 53 Resp: 35773
Ion Ratio Lower Upper
53 100
52 11.4 67.8 101.6#
51 56.5 29.8 44.8#



#16
Acetone
Concen: 46.696 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 43 Resp: 60788
Ion Ratio Lower Upper
43 100
58 10.2 21.7 32.5#

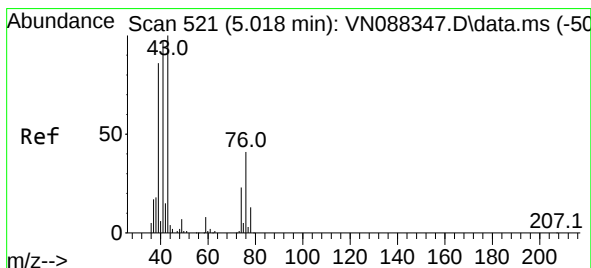
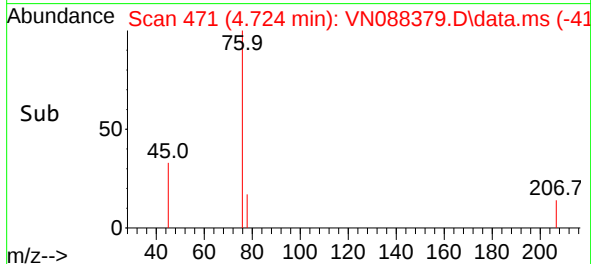
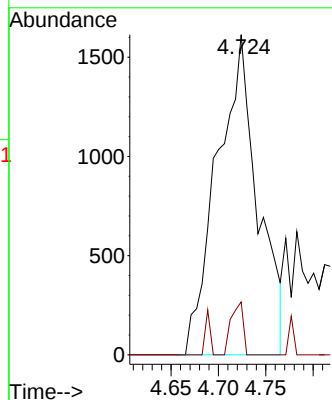
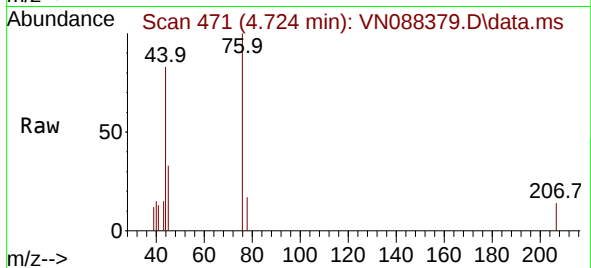




#17
Carbon Disulfide
Concen: 0.630 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN088379.D
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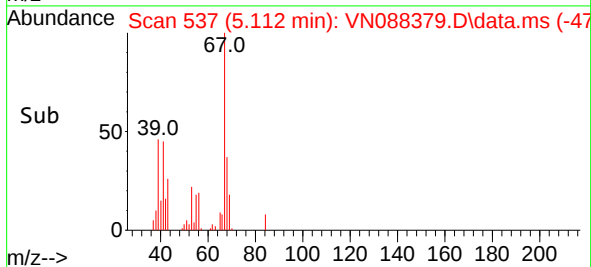
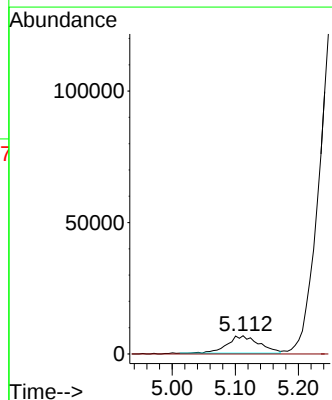
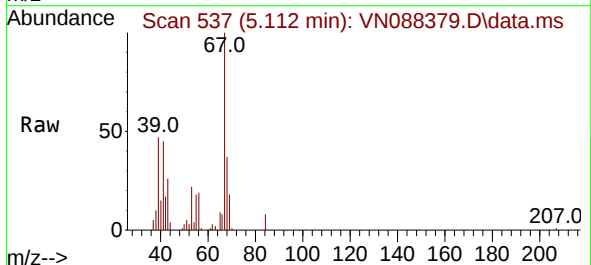
Instrument :
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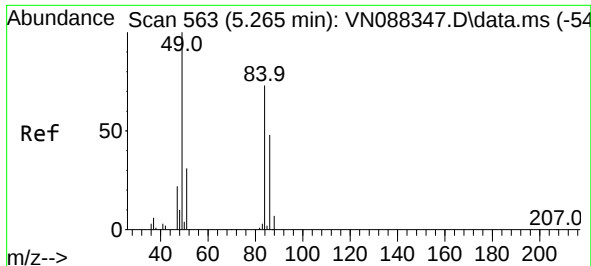
Tgt Ion: 76 Resp: 4802
Ion Ratio Lower Upper
76 100
78 16.5 7.0 10.4#



#18
Methyl Acetate
Concen: 6.034 ug/l
RT: 5.112 min Scan# 537
Delta R.T. 0.094 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

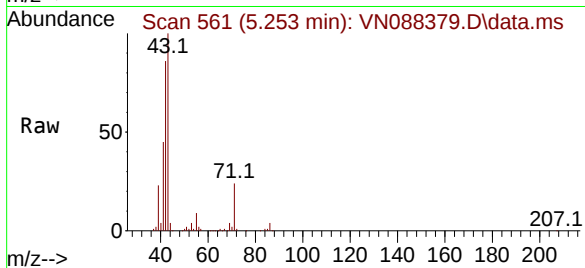
Tgt Ion: 43 Resp: 23380
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9#



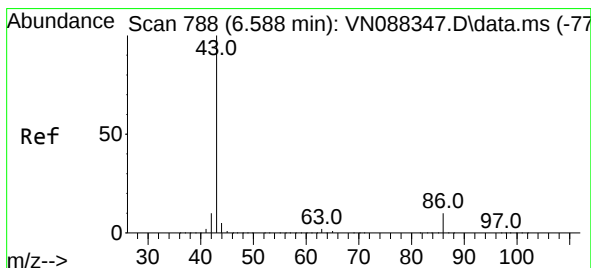
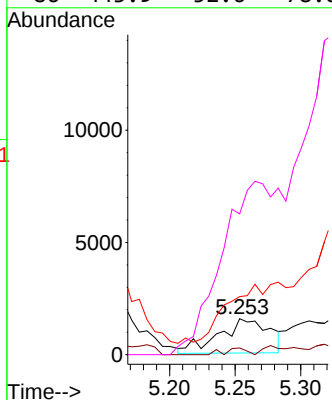
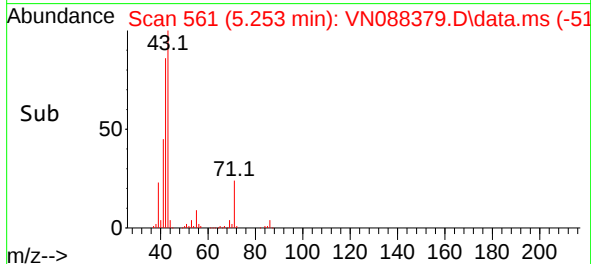


#20
Methylene Chloride
Concen: 1.468 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :

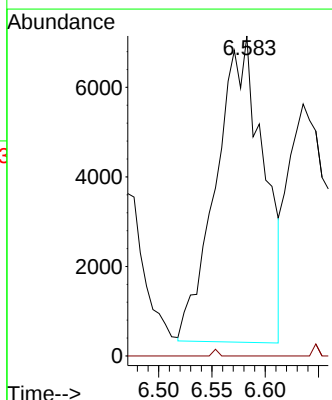
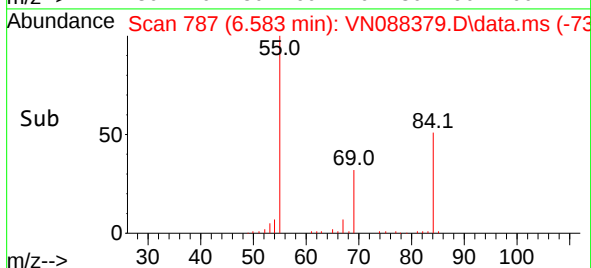
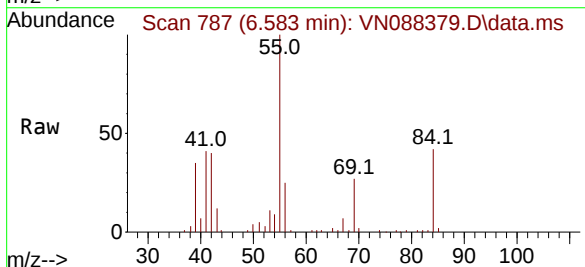


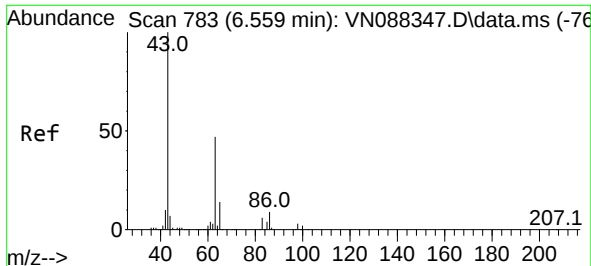
Tgt Ion: 84 Resp: 4089
Ion Ratio Lower Upper
84 100
49 22.3 110.2 165.2#
51 156.6 34.1 51.1#
86 443.9 52.6 78.8#



#23
Vinyl Acetate
Concen: 2.835 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

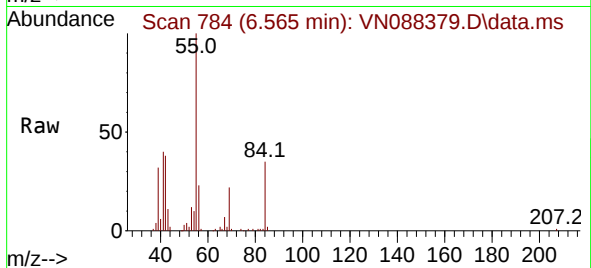
Tgt Ion: 43 Resp: 21069
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#



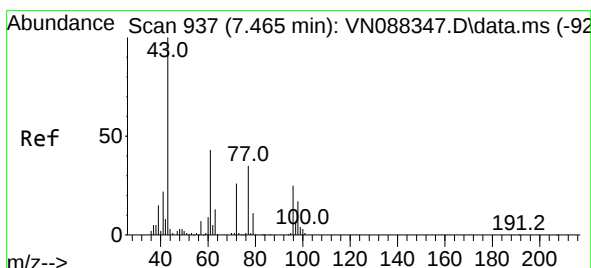
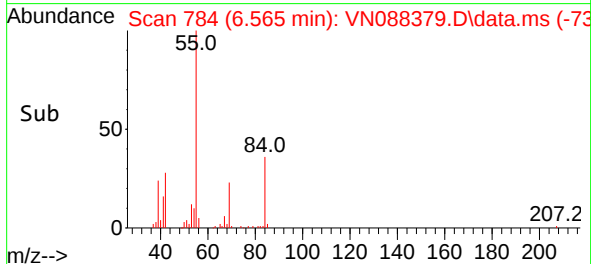
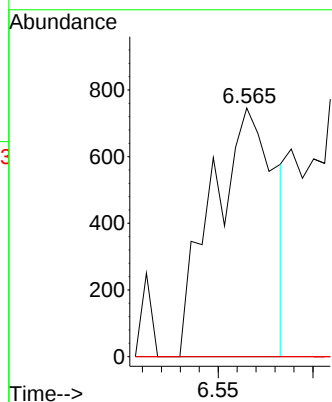


#24
1,1-Dichloroethane
Concen: 0.327 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :

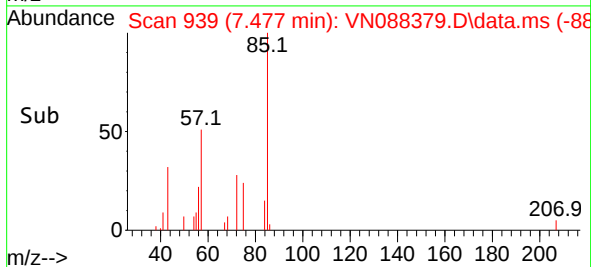
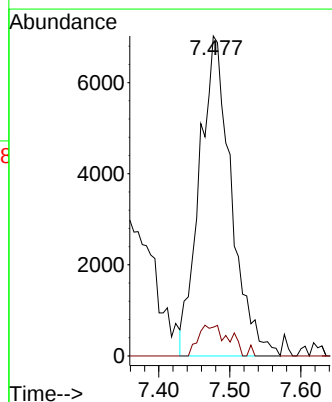
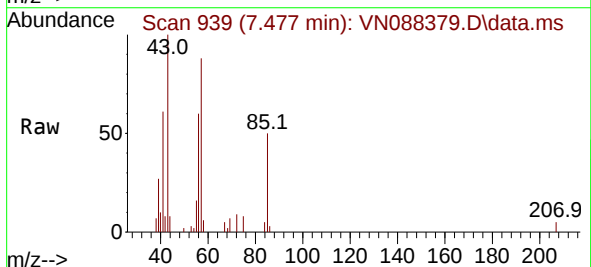


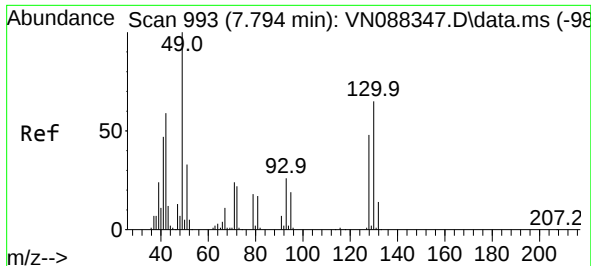
Tgt Ion: 63 Resp: 1710
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 1.9 5.7#



#25
2-Butanone
Concen: 10.443 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

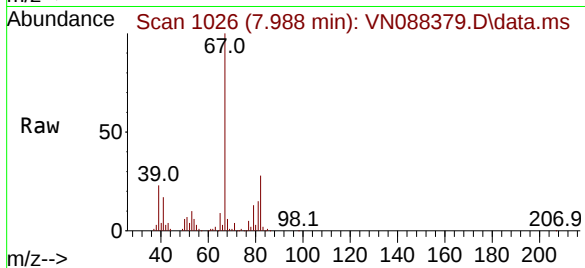
Tgt Ion: 43 Resp: 21854
Ion Ratio Lower Upper
43 100
72 9.0 20.5 30.7#



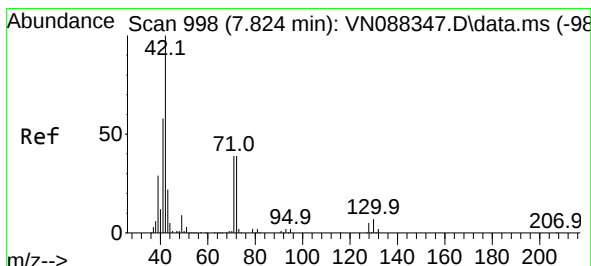
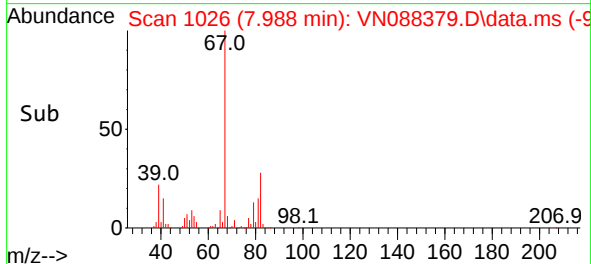
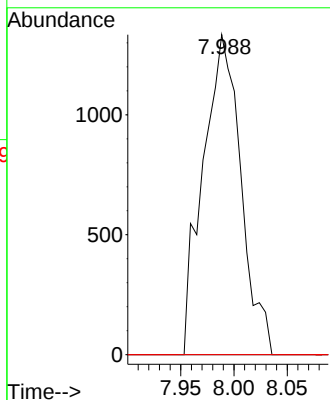


#28
Bromochloromethane
Concen: 1.269 ug/l
RT: 7.988 min Scan# 1026
Delta R.T. 0.194 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :

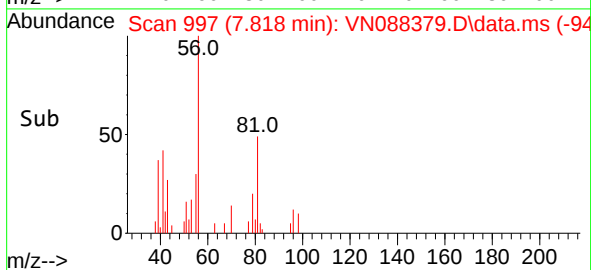
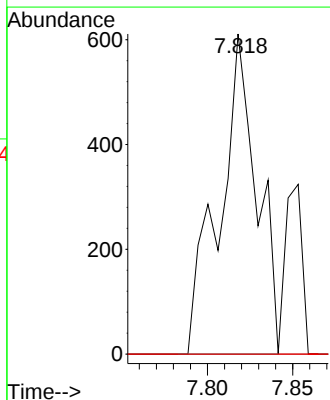
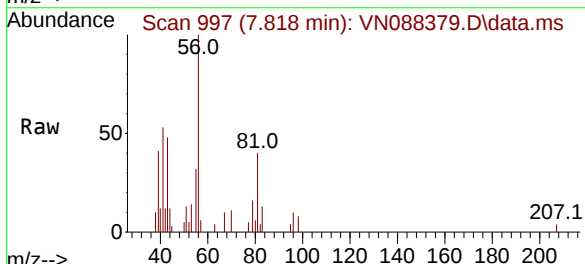


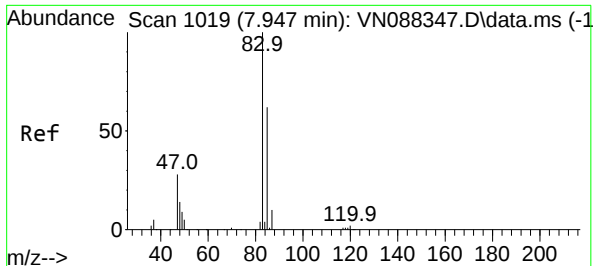
Tgt Ion: 49 Resp: 3303
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 51.1 76.7#



#29
Tetrahydrofuran
Concen: 0.623 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 42 Resp: 935
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 0.0 31.1 46.7#





#30

Chloroform

Concen: 4.076 ug/l

RT: 7.912 min Scan# 1013

Delta R.T. -0.035 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

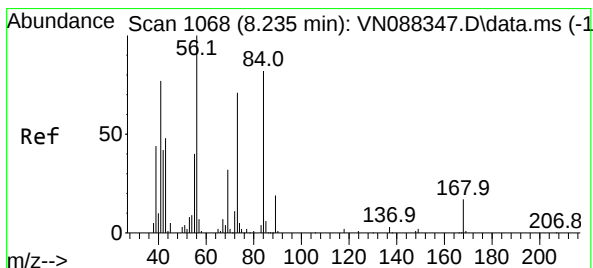
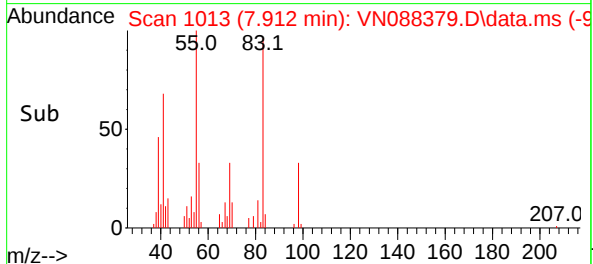
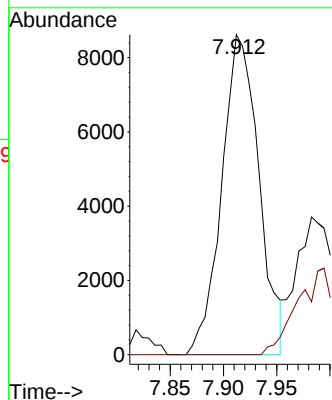
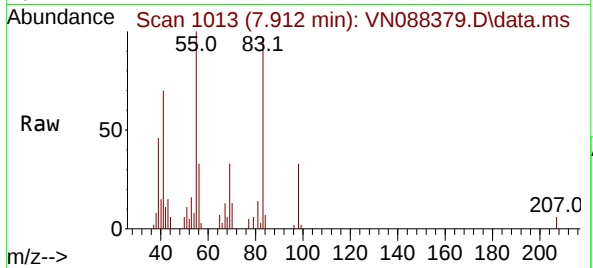
ClientSampleId :

Tgt Ion: 83 Resp: 20920

Ion Ratio Lower Upper

83 100

85 0.0 49.8 74.8#



#31

Cyclohexane

Concen: 69.480 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

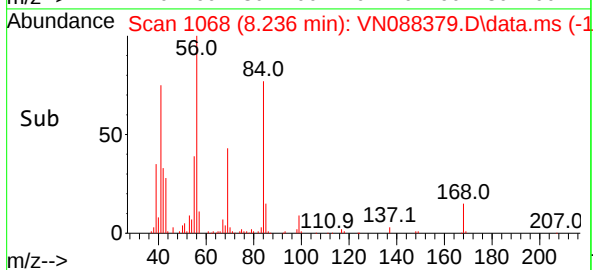
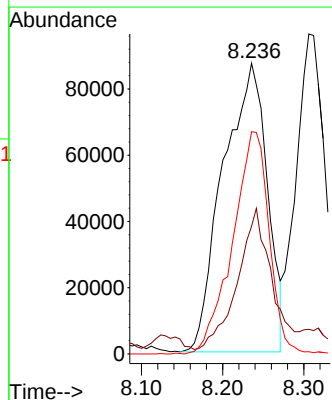
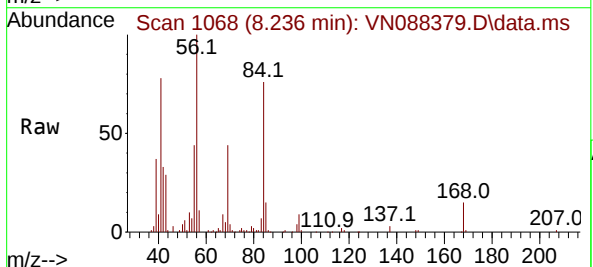
Tgt Ion: 56 Resp: 328913

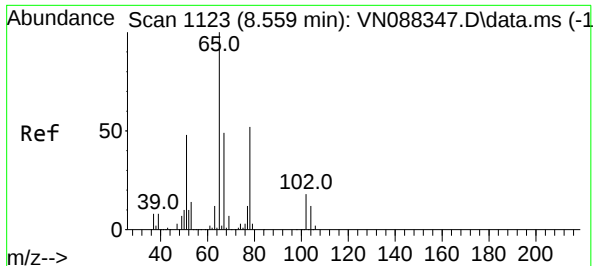
Ion Ratio Lower Upper

56 100

69 39.0 25.3 37.9#

84 76.8 65.4 98.2





#33

1,2-Dichloroethane-d4

Concen: 52.947 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

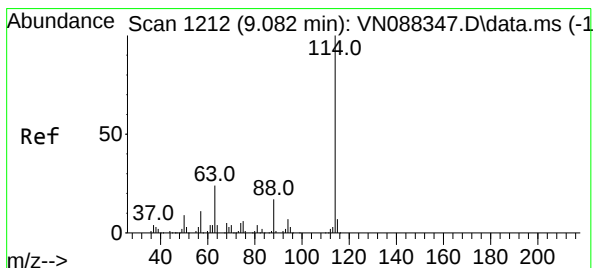
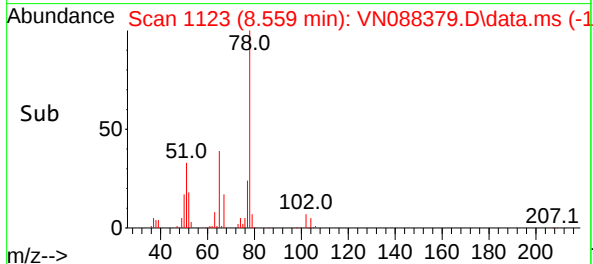
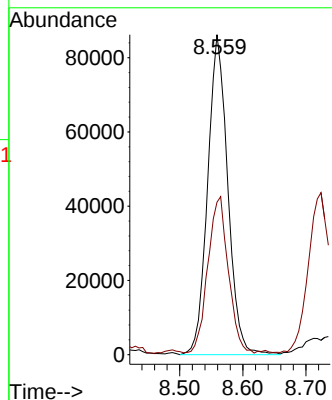
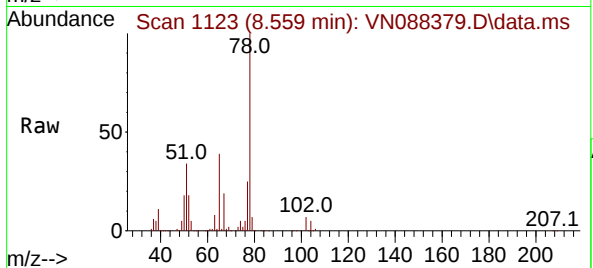
ClientSampleId :

Tgt Ion: 65 Resp: 190583

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

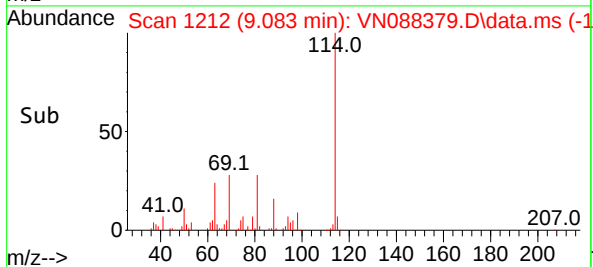
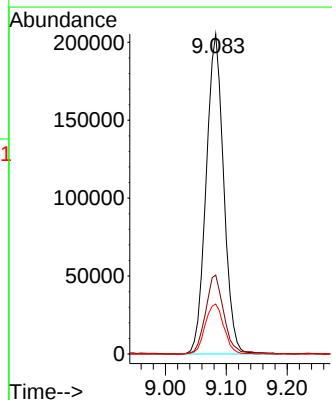
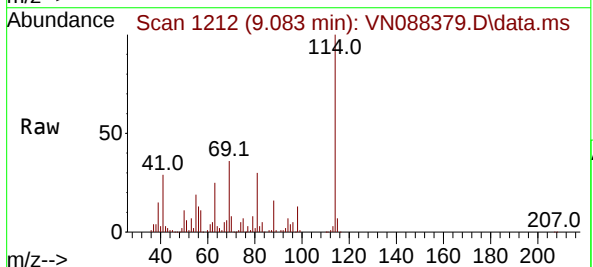
Tgt Ion: 114 Resp: 409524

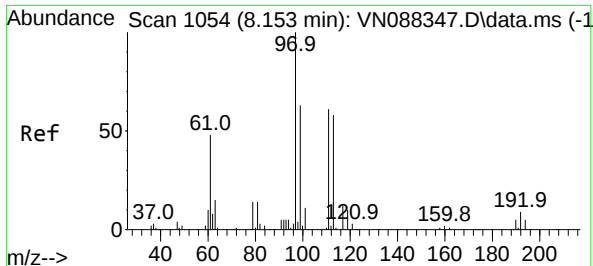
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.0

88 15.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.651 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

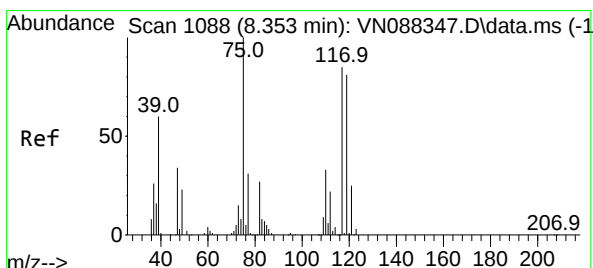
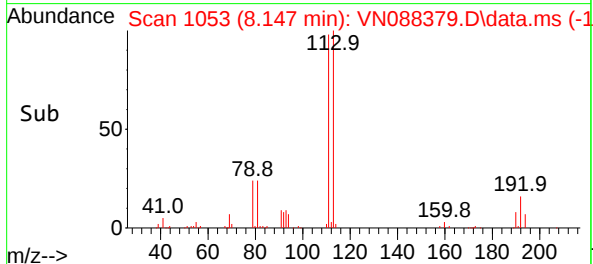
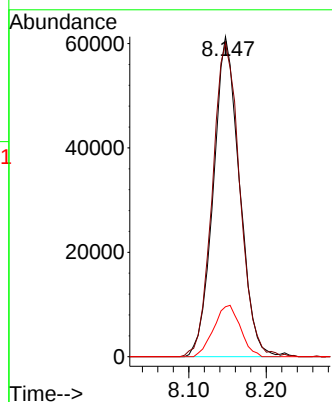
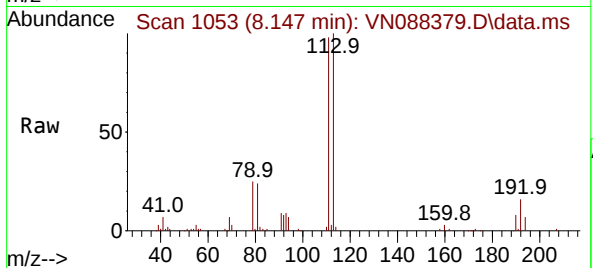
Tgt Ion:113 Resp: 143748

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 16.3 12.8 19.2



#36

1,1-Dichloropropene

Concen: 4.435 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

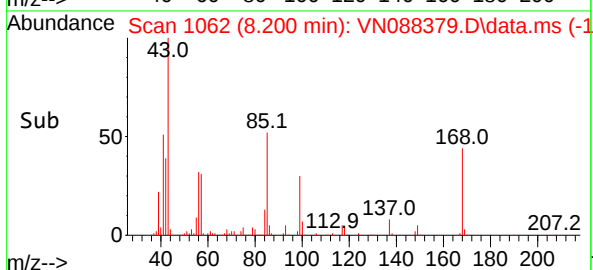
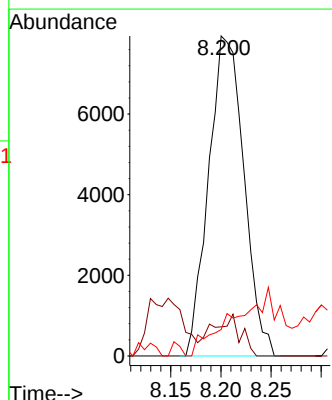
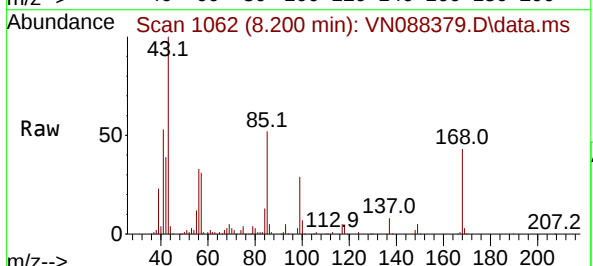
Tgt Ion: 75 Resp: 19425

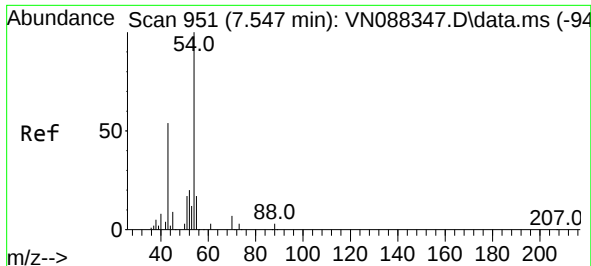
Ion Ratio Lower Upper

75 100

110 10.3 15.8 47.4#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 3.795 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.070 min

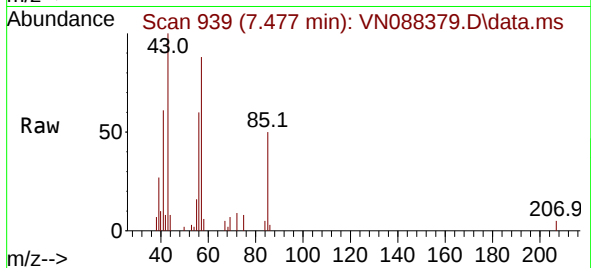
Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :



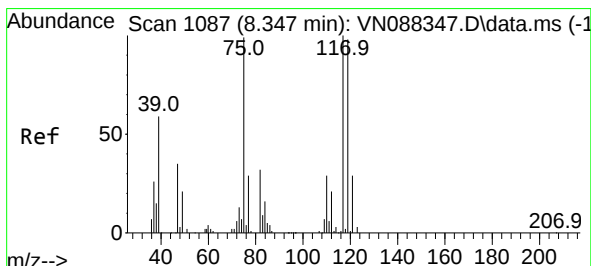
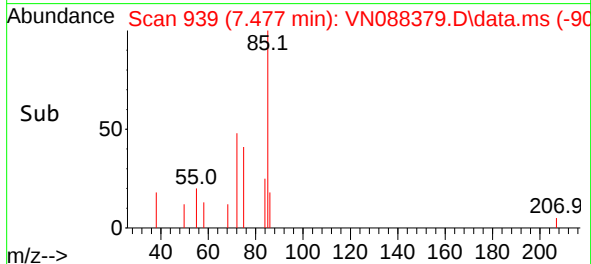
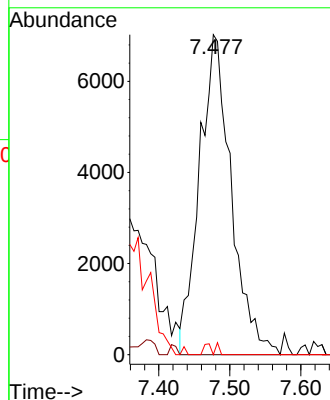
Tgt Ion: 43 Resp: 21854

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.062 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.147 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

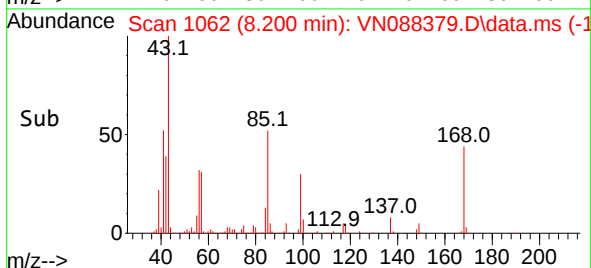
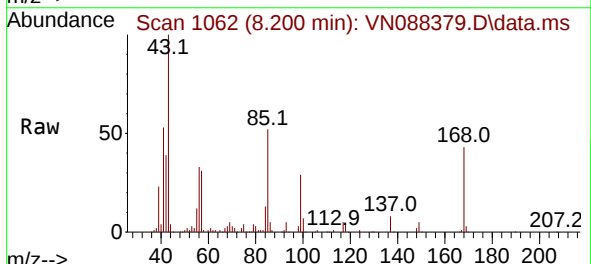
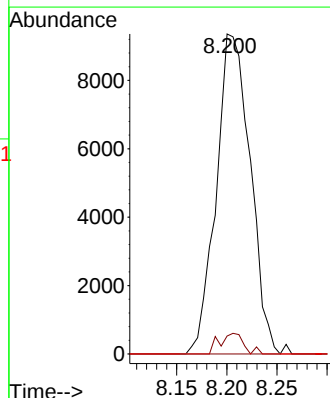
Tgt Ion: 117 Resp: 22071

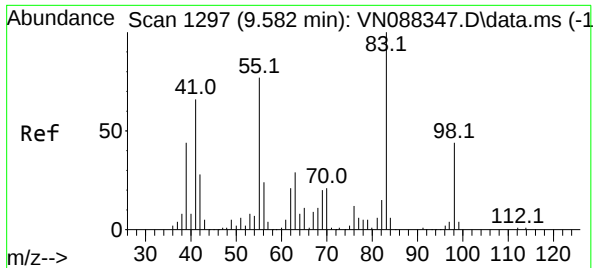
Ion Ratio Lower Upper

117 100

119 5.6 78.2 117.4#

121 0.0 23.4 35.2#





#39

Methylcyclohexane

Concen: 71.746 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

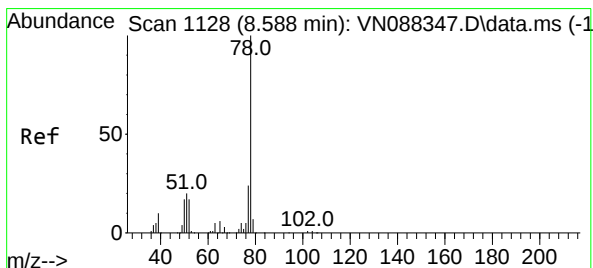
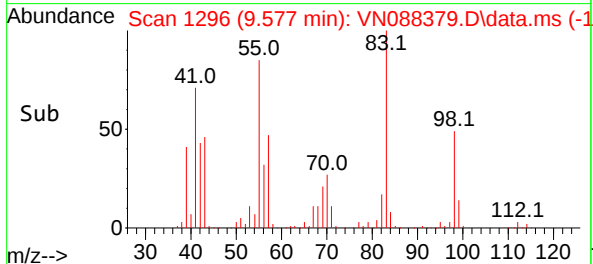
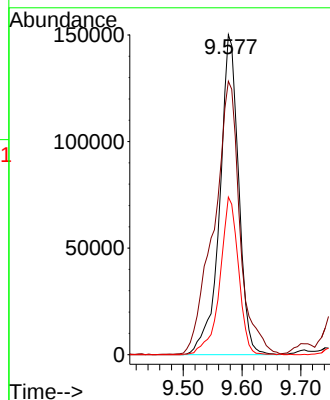
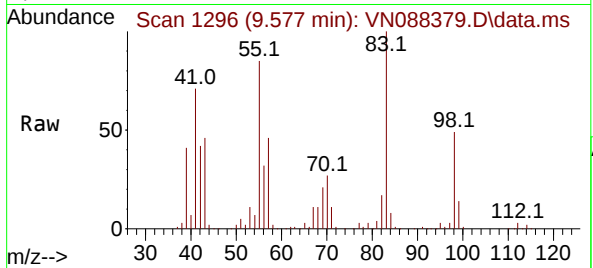
Tgt Ion: 83 Resp: 336127

Ion Ratio Lower Upper

83 100

55 85.2 61.6 92.4

98 49.2 35.3 52.9



#40

Benzene

Concen: 223.732 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088379.D

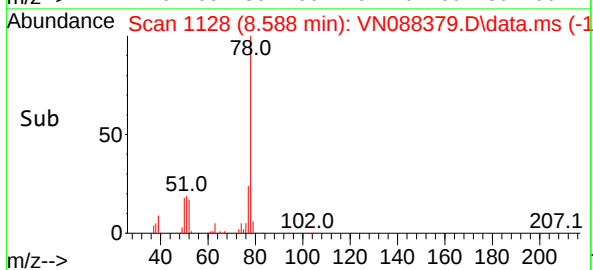
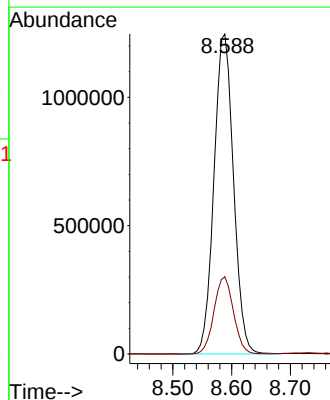
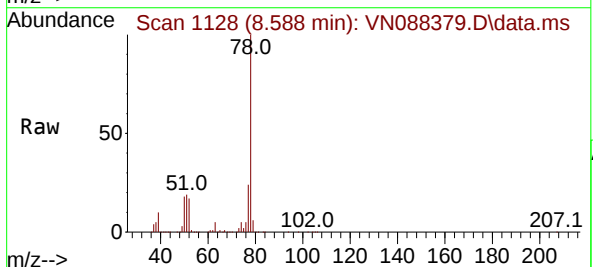
Acq: 01 Dec 2025 13:52

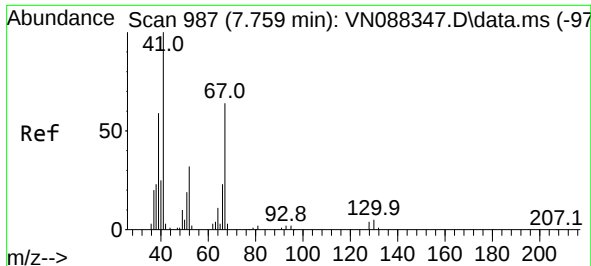
Tgt Ion: 78 Resp: 2876097

Ion Ratio Lower Upper

78 100

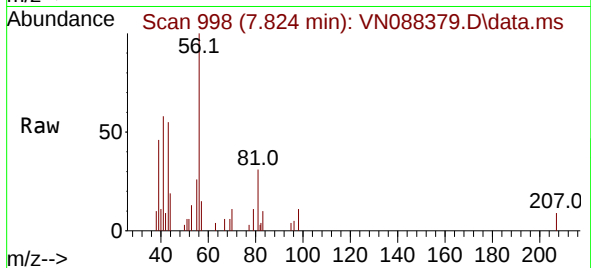
77 24.2 19.0 28.4



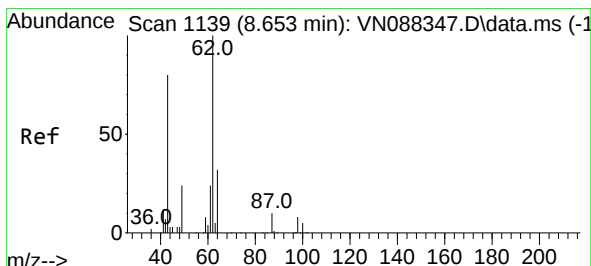
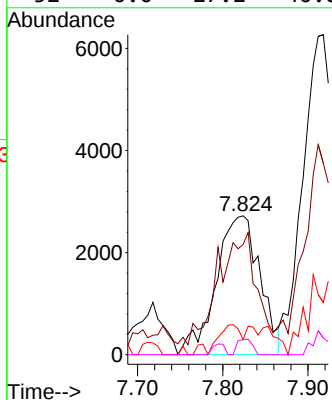
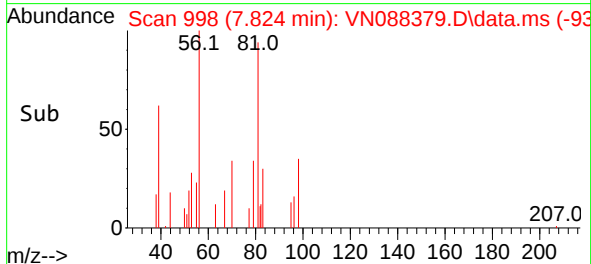


#41
Methacrylonitrile
Concen: 3.398 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.065 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :

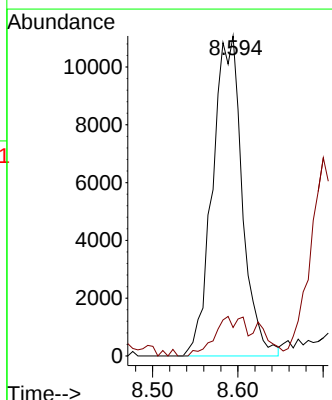
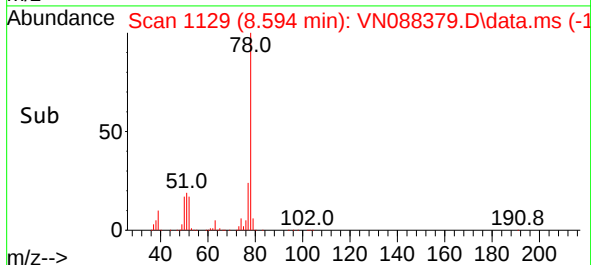
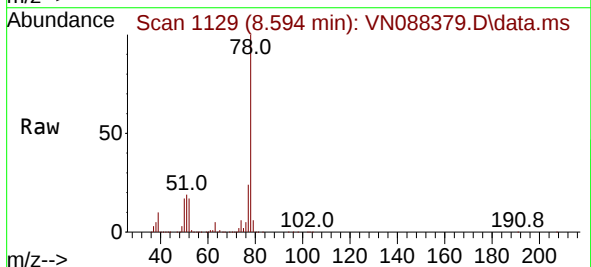


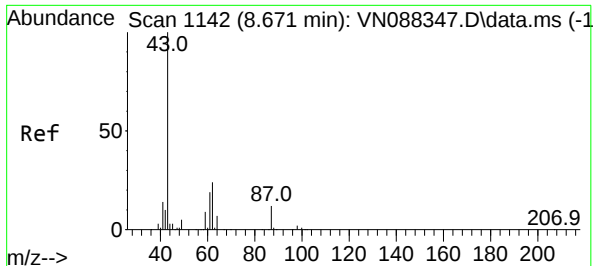
Tgt Ion: 41	Resp: 9693
Ion Ratio	Lower Upper
41 100	
39 68.4	46.3 69.5
67 0.0	54.7 82.1#
52 0.0	27.2 40.8#



#42
1,2-Dichloroethane
Concen: 5.465 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. -0.059 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 62	Resp: 26803
Ion Ratio	Lower Upper
62 100	
98 8.0	0.0 16.2

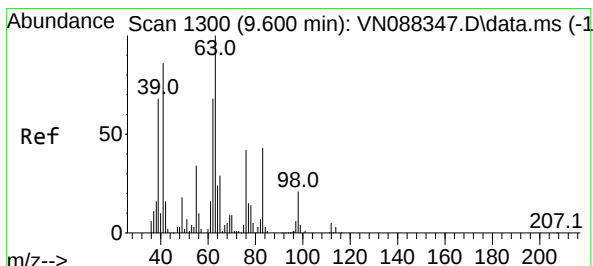
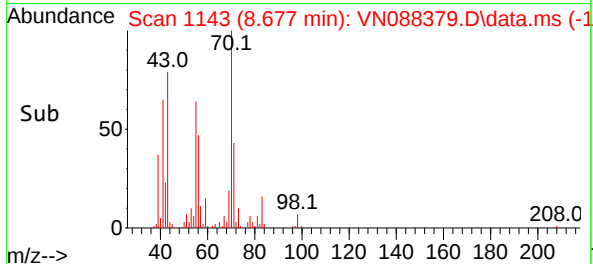
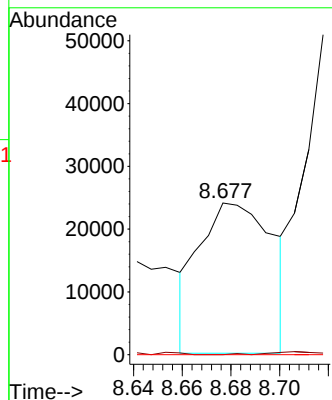
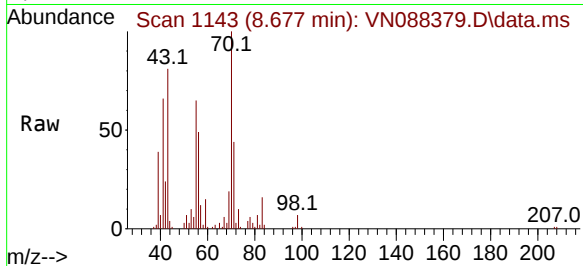




#43
Isopropyl Acetate
Concen: 5.709 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

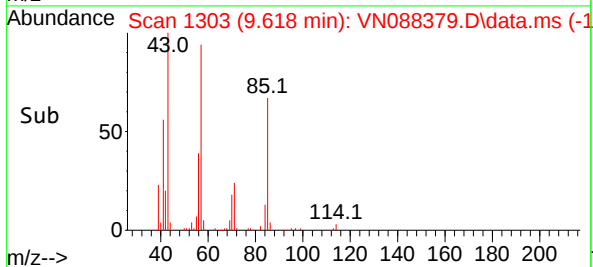
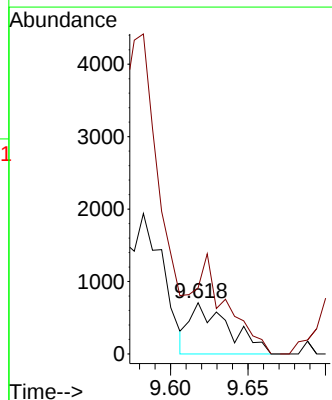
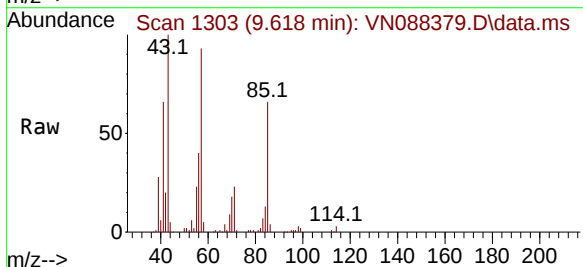
Instrument :
MSVOA_N
ClientSampleId :

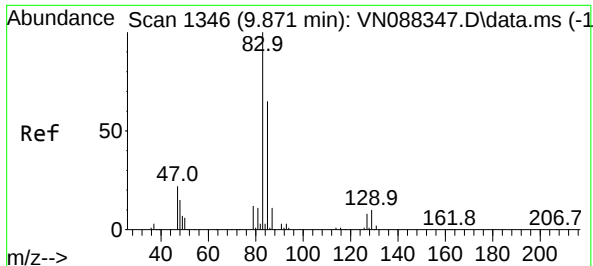
Tgt Ion: 43 Resp: 50231
Ion Ratio Lower Upper
43 100
61 0.0 18.7 28.1#
87 0.0 9.1 13.7#



#45
1,2-Dichloropropane
Concen: 0.373 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.018 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 63 Resp: 1230
Ion Ratio Lower Upper
63 100
65 129.2 23.0 34.4#





#47

Bromodichloromethane

Concen: 2.918 ug/l

RT: 9.847 min Scan# 1

Delta R.T. -0.023 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

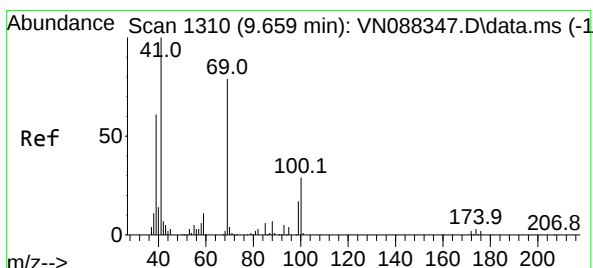
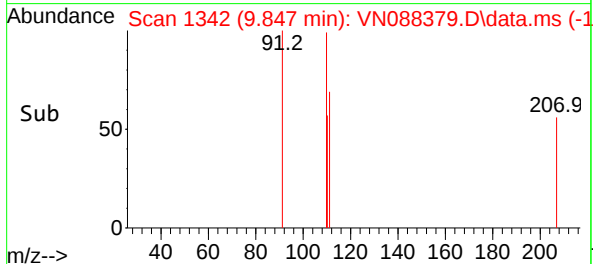
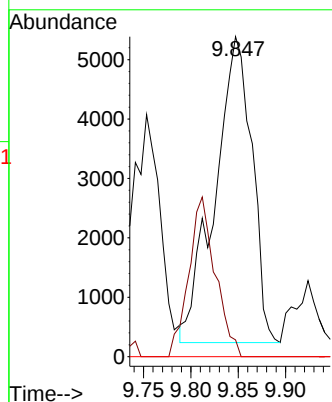
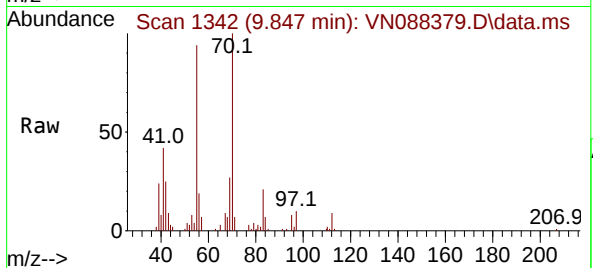
Tgt Ion: 83 Resp: 13995

Ion Ratio Lower Upper

83 100

85 5.5 51.9 77.9#

127 0.0 6.3 9.5#



#48

Methyl methacrylate

Concen: 7.730 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.047 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

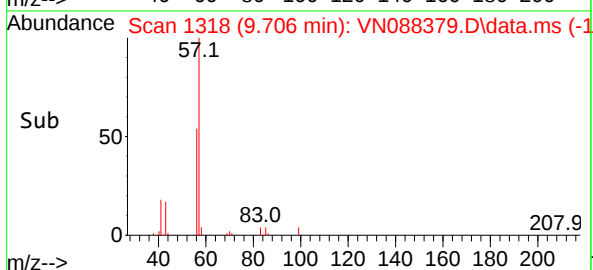
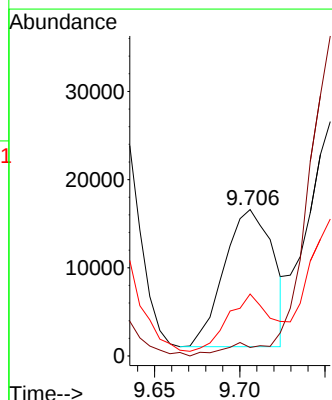
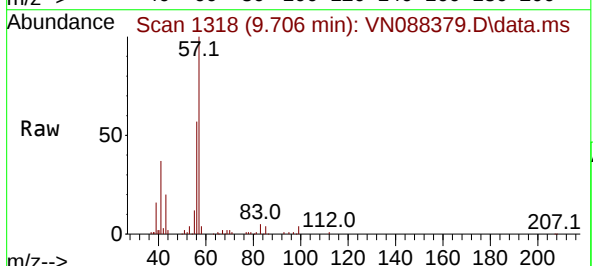
Tgt Ion: 41 Resp: 31034

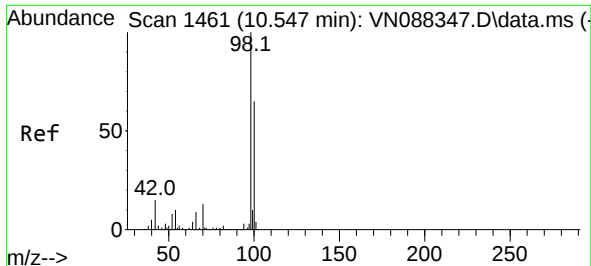
Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 40.1 52.6 79.0#

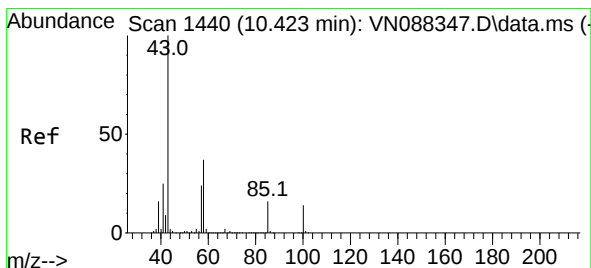
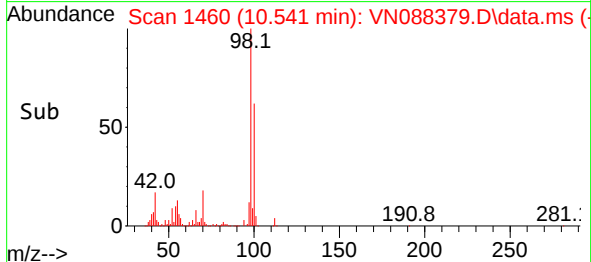
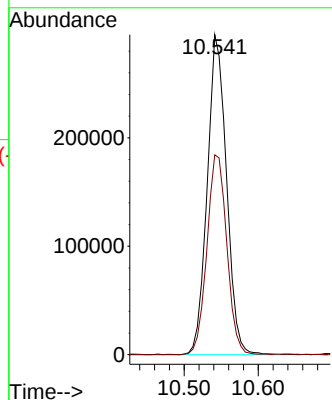
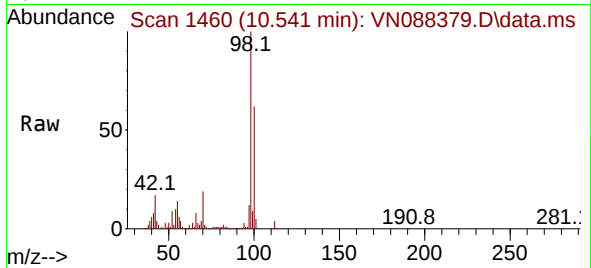




#50
Toluene-d8
Concen: 50.508 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

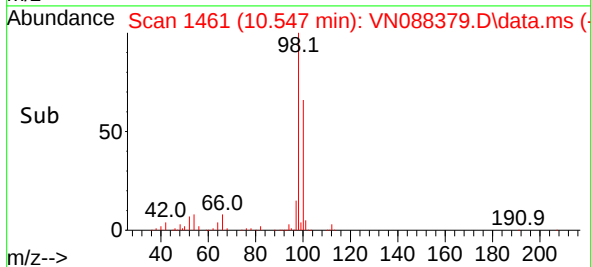
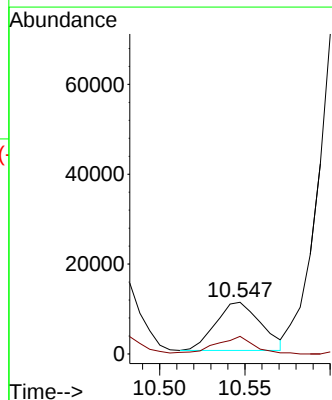
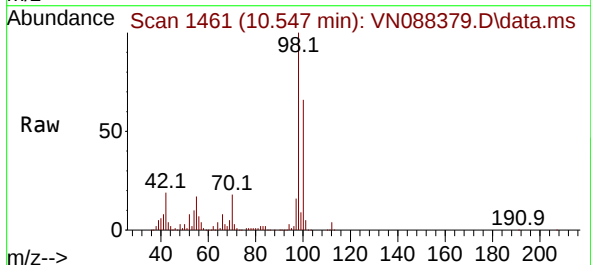
Instrument :
MSVOA_N
ClientSampleId :

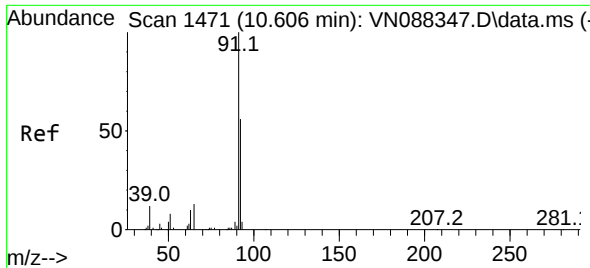
Tgt Ion: 98 Resp: 533344
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 3.813 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.124 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 43 Resp: 19776
Ion Ratio Lower Upper
43 100
58 31.2 29.1 43.7

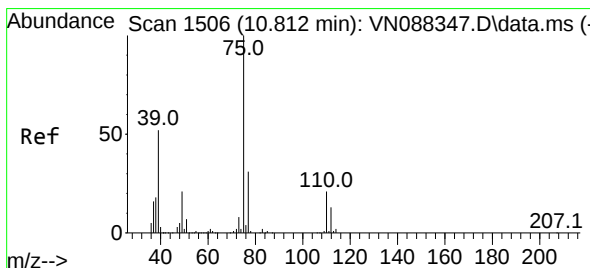
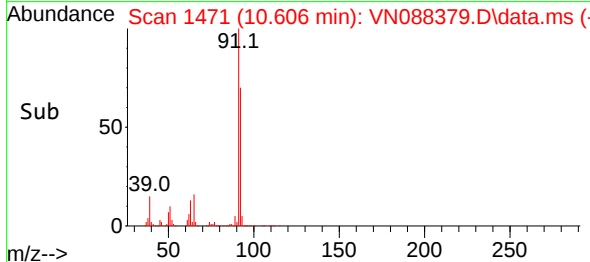
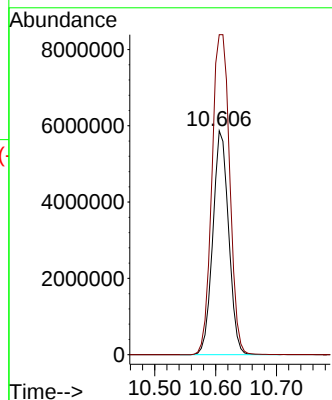
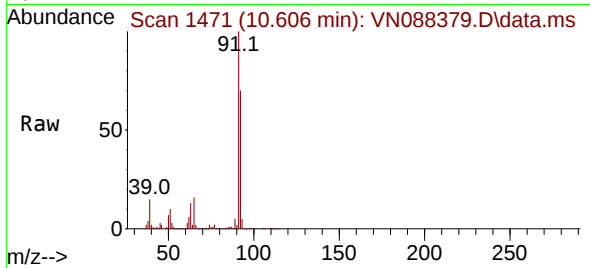




#52
Toluene
Concen: 1421.311 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

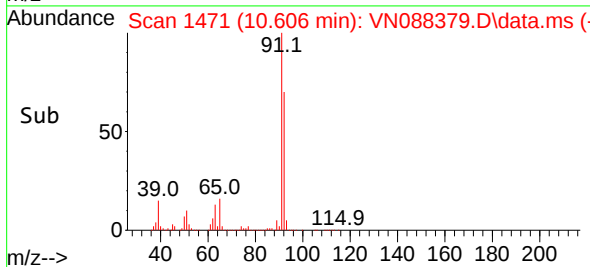
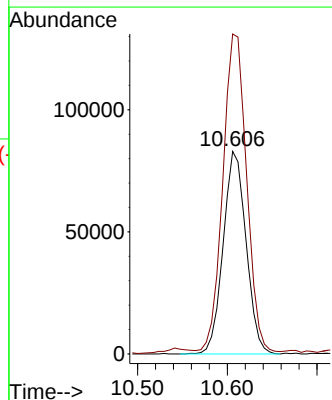
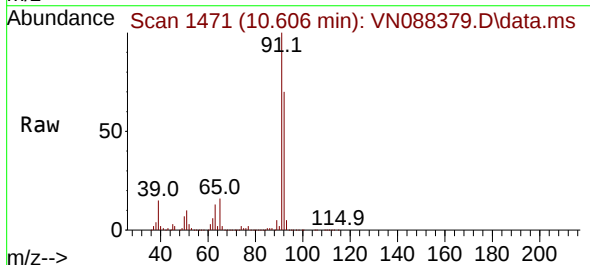
Instrument :
MSVOA_N
ClientSampleId :

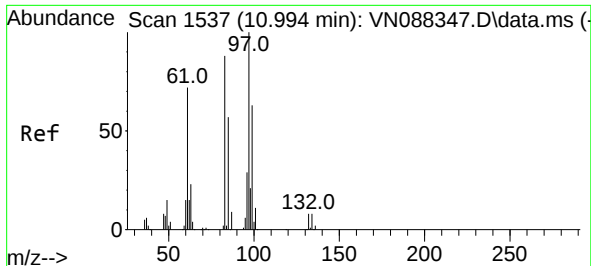
Tgt Ion: 92 Resp:10550086
Ion Ratio Lower Upper
92 100
91 160.9 140.2 210.2



#53
t-1,3-Dichloropropene
Concen: 29.862 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.206 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

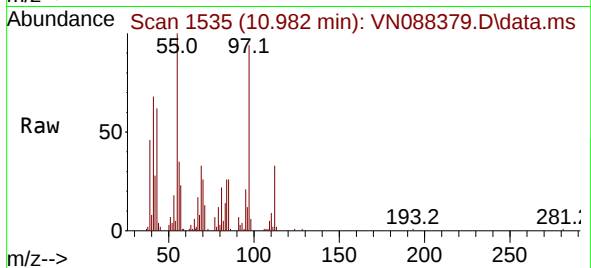
Tgt Ion: 75 Resp: 147004
Ion Ratio Lower Upper
75 100
77 156.8 24.8 37.2#



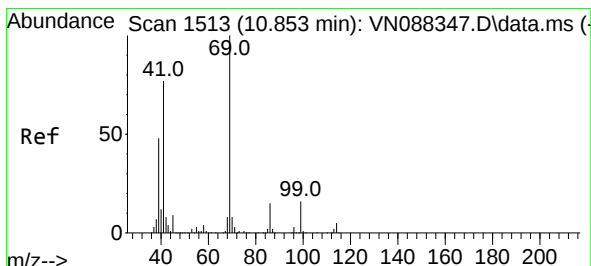
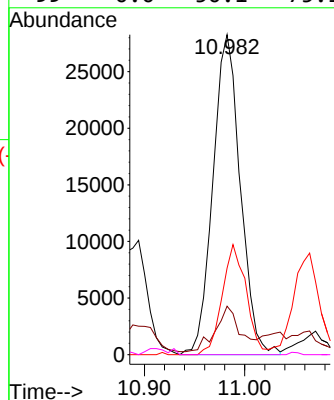
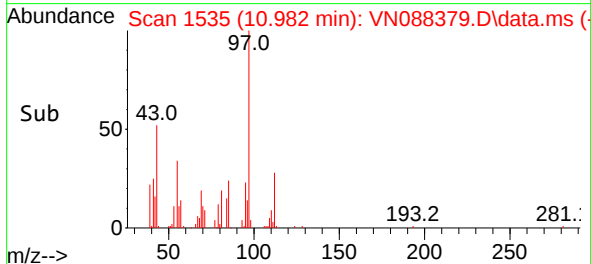


#55
1,1,2-Trichloroethane
Concen: 18.673 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :

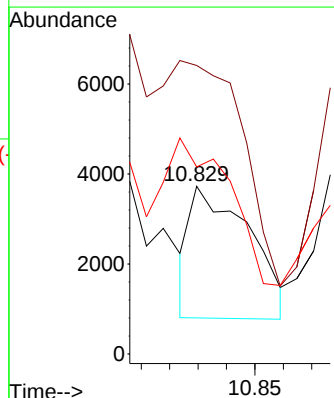
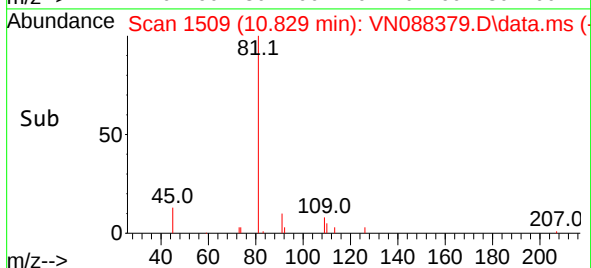
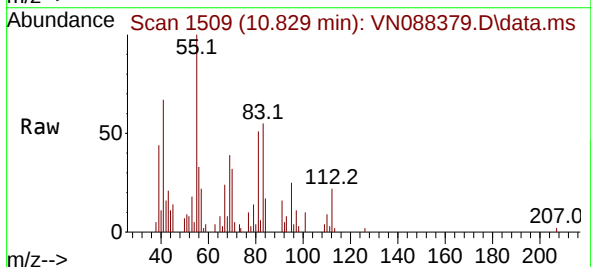


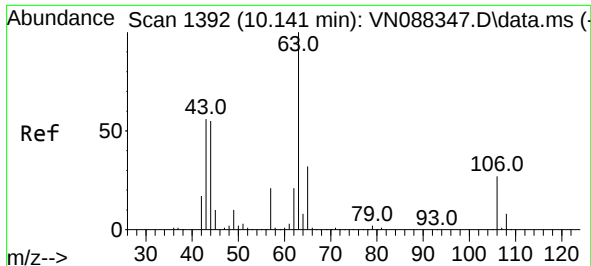
Tgt Ion: 97 Resp: 53627
Ion Ratio Lower Upper
97 100
83 14.2 70.4 105.6#
85 27.0 45.4 68.2#
99 0.0 50.1 75.1#



#56
Ethyl methacrylate
Concen: 0.935 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.023 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 69 Resp: 4240
Ion Ratio Lower Upper
69 100
41 0.0 59.6 89.4#
39 0.0 36.4 54.6#

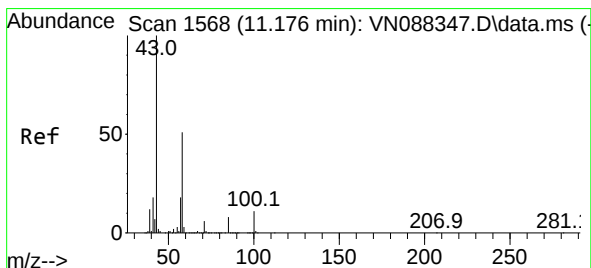
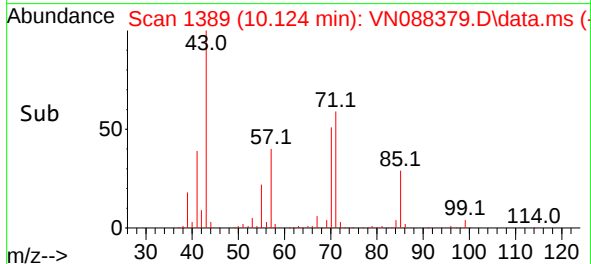
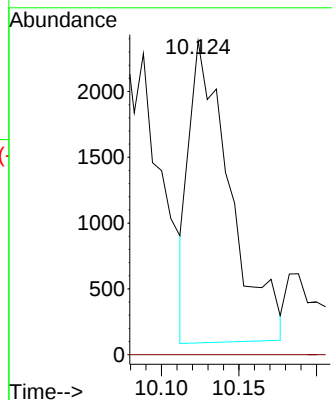
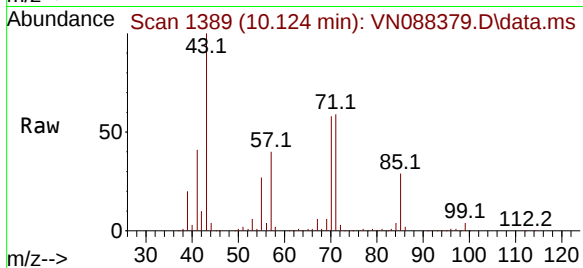




#58
2-Chloroethyl Vinyl ether
Concen: 1.600 ug/l
RT: 10.124 min Scan# 1389
Delta R.T. -0.017 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

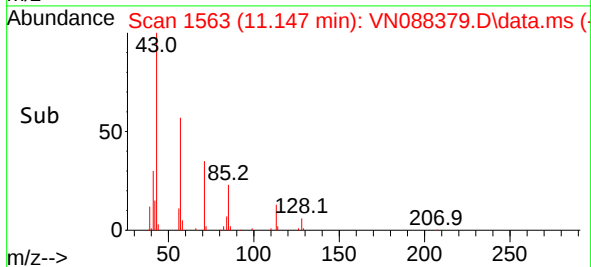
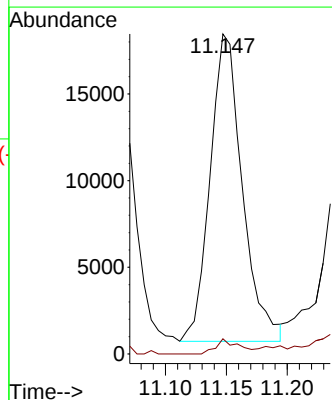
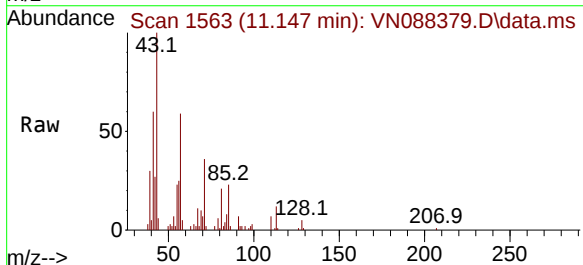
Instrument :
MSVOA_N
ClientSampleId :

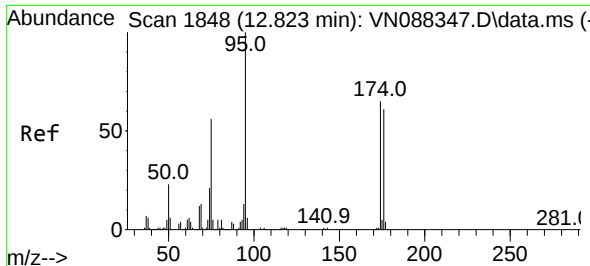
Tgt Ion: 63 Resp: 4184
Ion Ratio Lower Upper
63 100
106 0.0 20.5 30.7#



#59
2-Hexanone
Concen: 10.013 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.029 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 43 Resp: 32714
Ion Ratio Lower Upper
43 100
58 3.4 25.3 75.9#

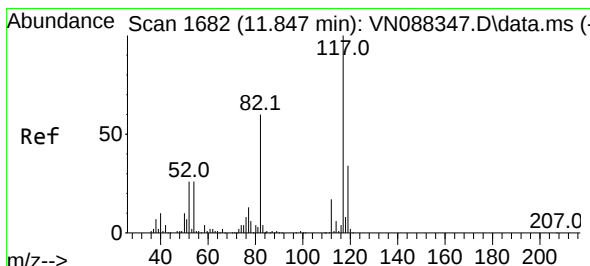
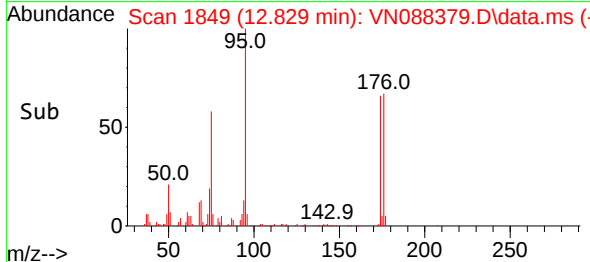
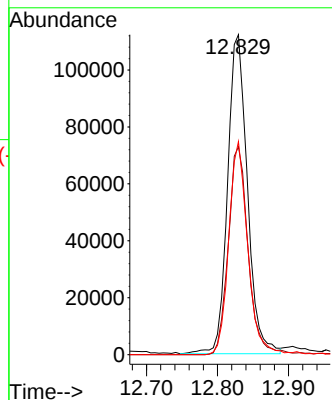
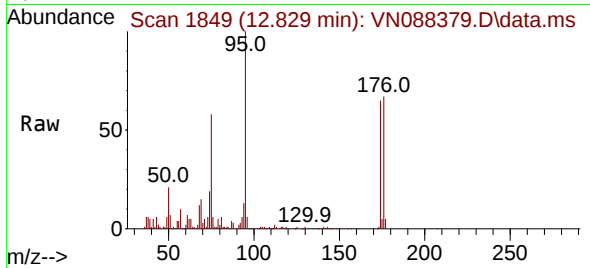




#62
4-Bromofluorobenzene
Concen: 59.784 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

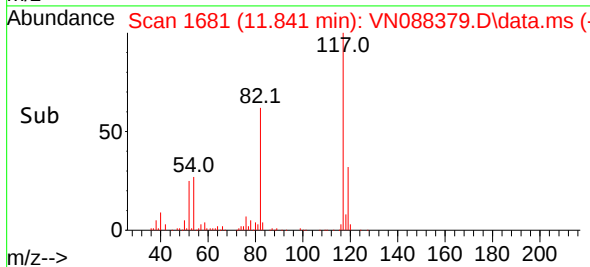
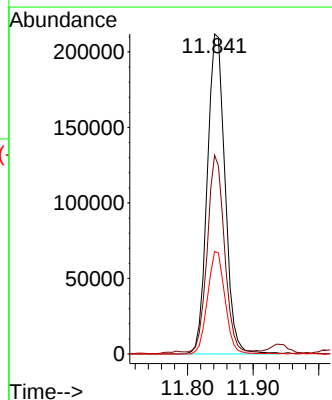
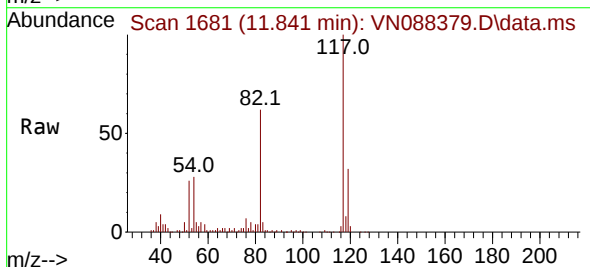
Instrument :
MSVOA_N
ClientSampleId :

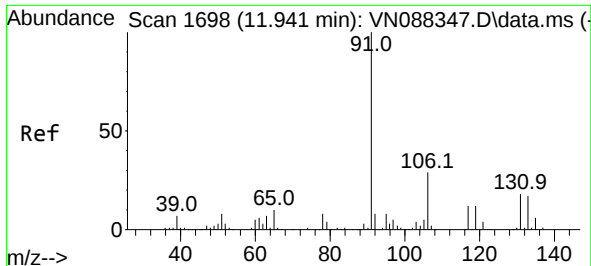
Tgt Ion: 95 Resp: 216607
Ion Ratio Lower Upper
95 100
174 65.4 0.0 139.0
176 64.1 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 117 Resp: 398646
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 32.0 26.9 40.3

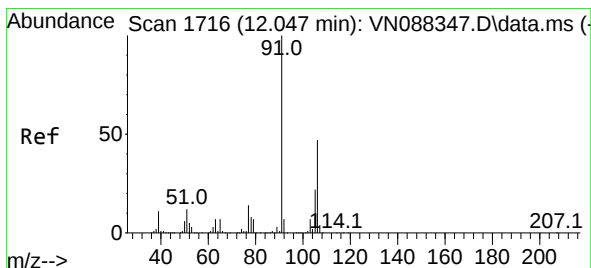
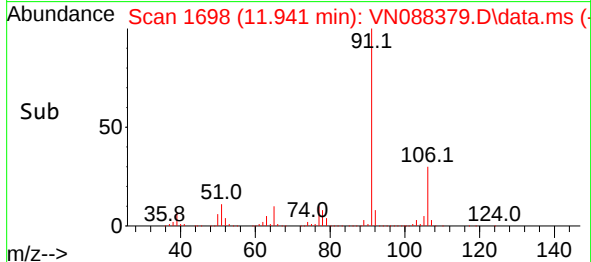
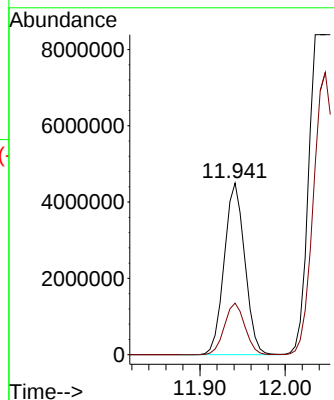
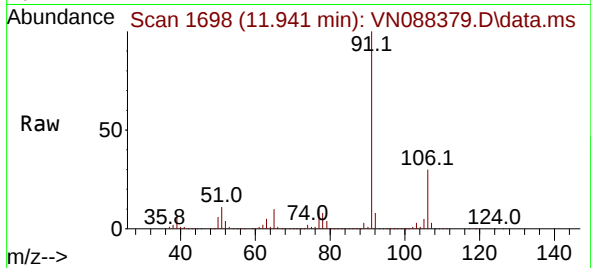




#67
Ethyl Benzene
Concen: 481.754 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

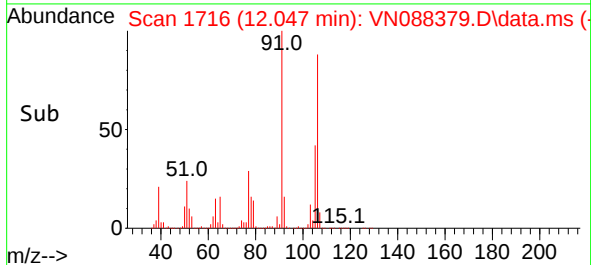
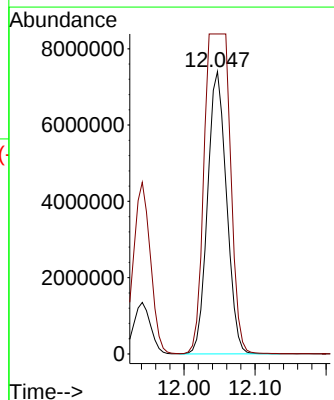
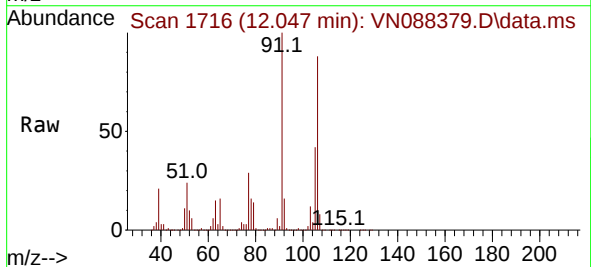
Instrument :
MSVOA_N
ClientSampleId :

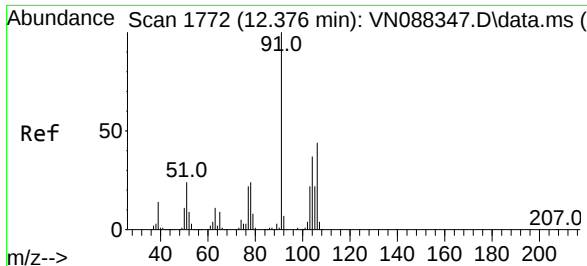
Tgt Ion: 91 Resp: 7539640
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 2369.332 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 106 Resp: 13748388
Ion Ratio Lower Upper
106 100
91 0.0 167.8 251.6#

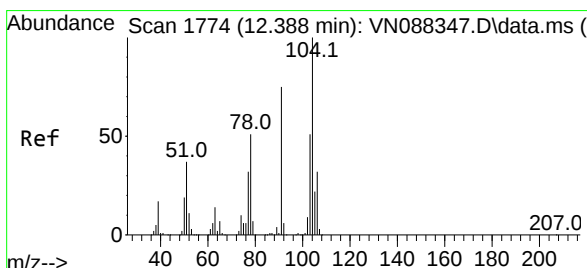
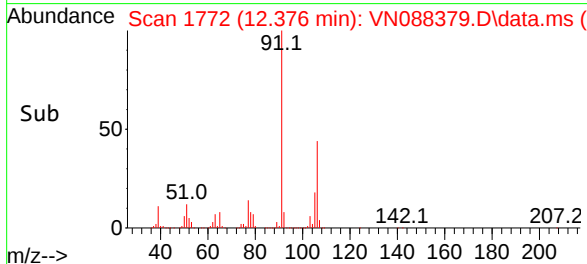
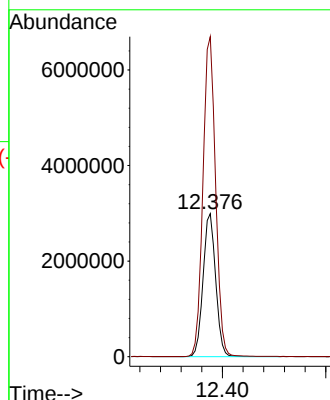
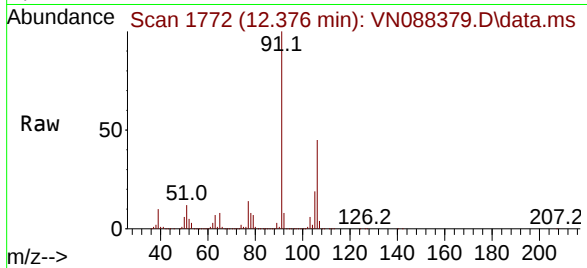




#69
o-Xylene
Concen: 913.674 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

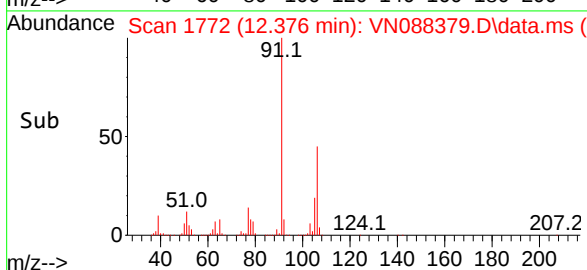
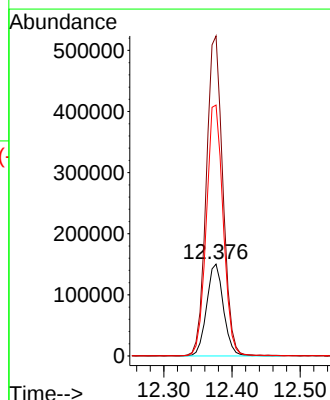
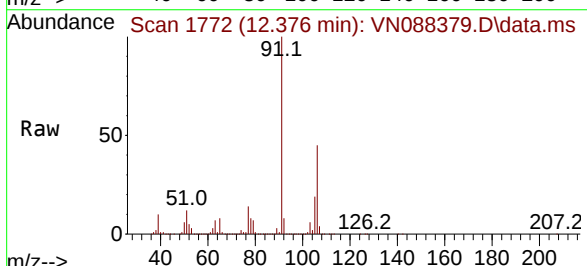
Instrument :
MSVOA_N
ClientSampleId :

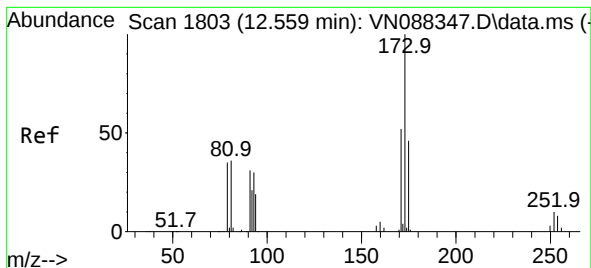
Tgt Ion:106 Resp: 5054489
Ion Ratio Lower Upper
106 100
91 224.7 112.9 338.7



#70
Styrene
Concen: 28.868 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion:104 Resp: 259305
Ion Ratio Lower Upper
104 100
78 340.9 44.3 66.5#
103 270.9 44.2 66.4#





#71

Bromoform

Concen: 0.467 ug/l

RT: 12.823 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

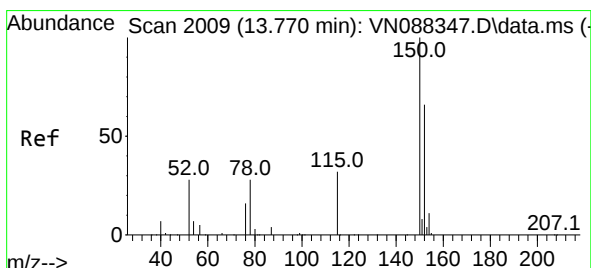
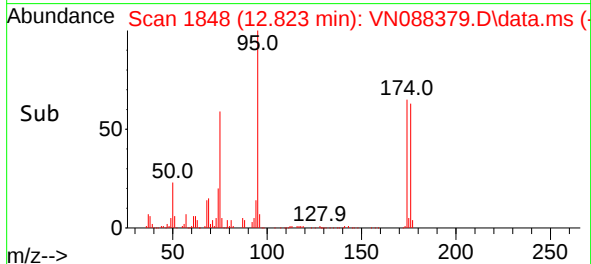
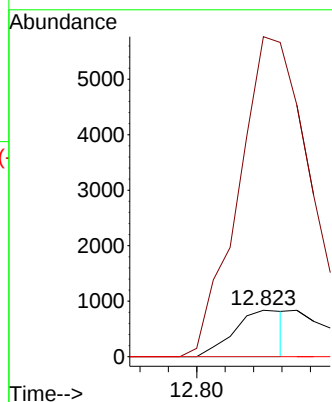
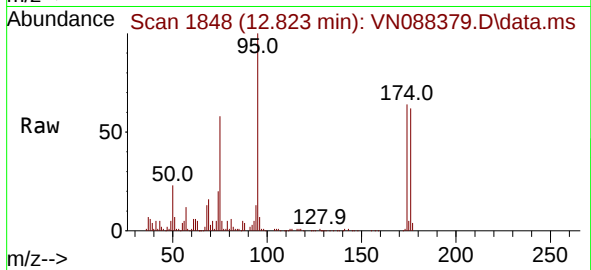
Tgt Ion:173 Resp: 1032

Ion Ratio Lower Upper

173 100

175 801.5 23.9 71.8#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

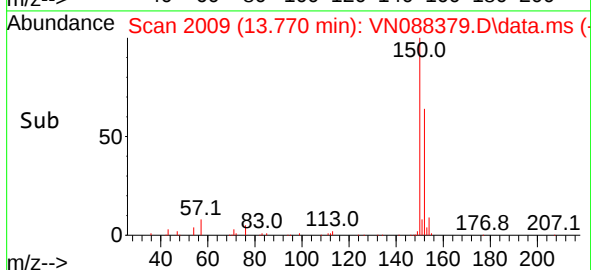
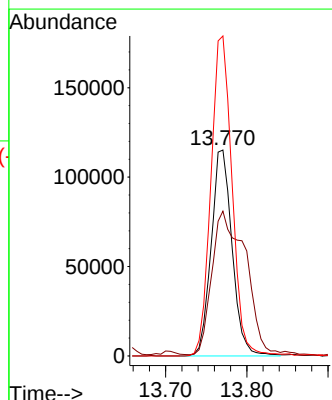
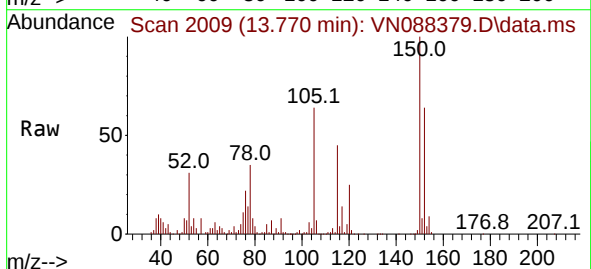
Tgt Ion:152 Resp: 206355

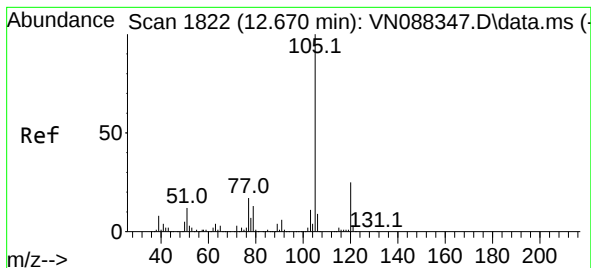
Ion Ratio Lower Upper

152 100

115 113.9 33.0 98.9#

150 157.3 0.0 349.0





#73

Isopropylbenzene

Concen: 23.385 ug/l

RT: 12.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

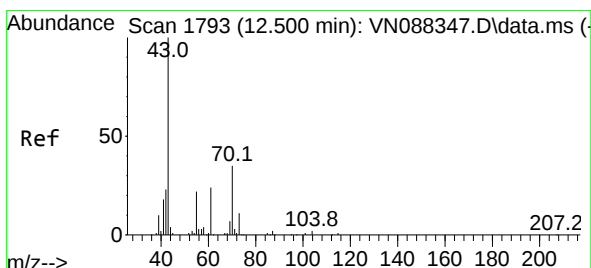
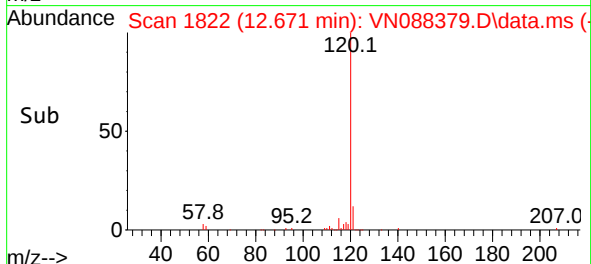
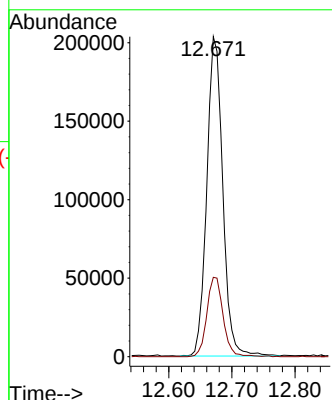
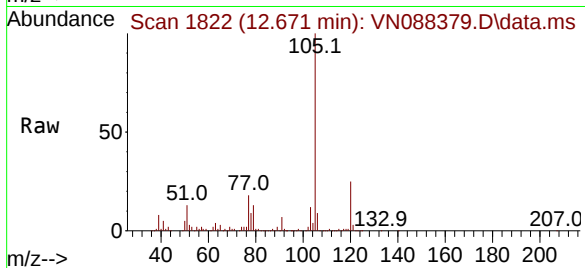
ClientSampleId :

Tgt Ion:105 Resp: 356793

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.3



#74

N-ethyl acetate

Concen: 1.513 ug/l

RT: 12.535 min Scan# 1799

Delta R.T. 0.035 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Tgt Ion: 43 Resp: 7861

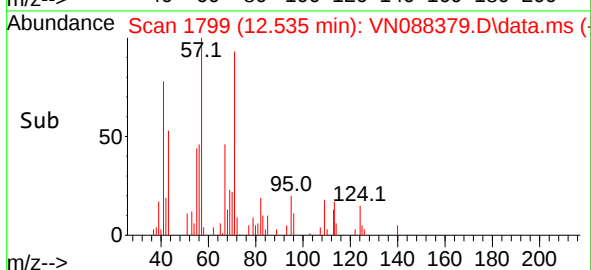
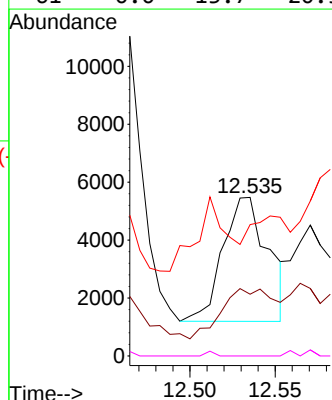
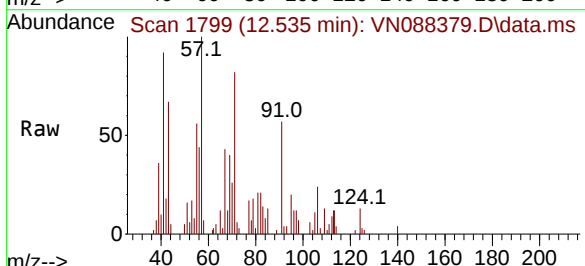
Ion Ratio Lower Upper

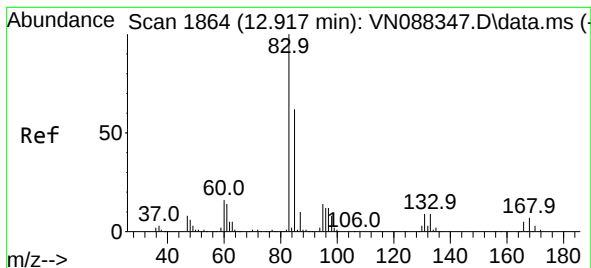
43 100

70 47.9 28.3 42.5#

55 17.0 17.7 26.5#

61 0.0 13.7 20.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.255 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

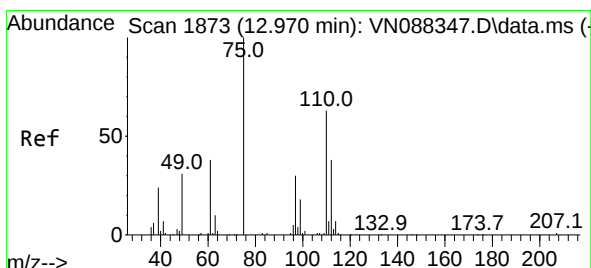
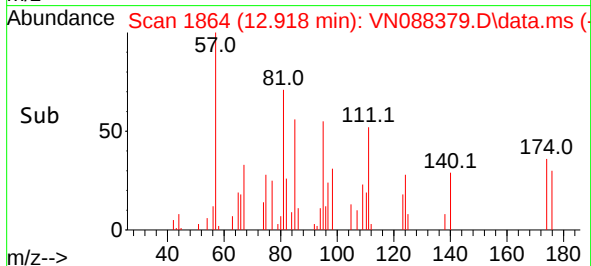
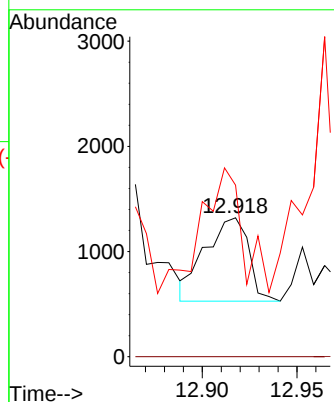
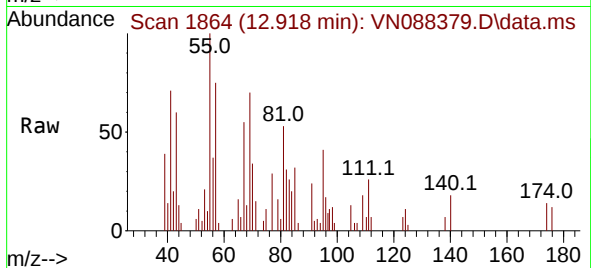
Tgt Ion: 83 Resp: 1257

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 130.9 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 2.521 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.041 min

Lab File: VN088379.D

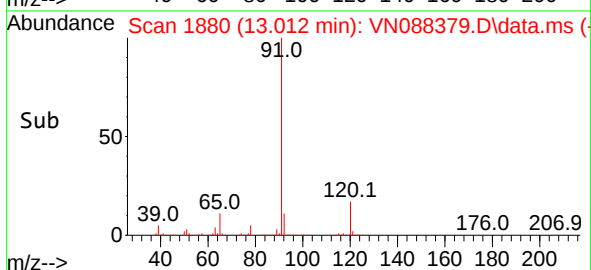
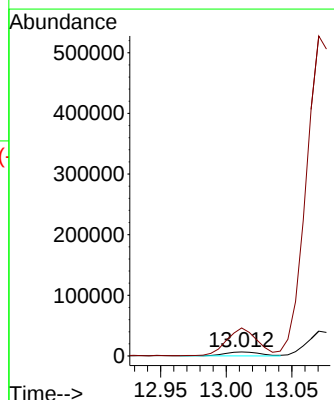
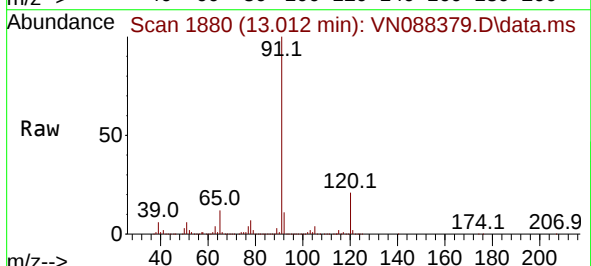
Acq: 01 Dec 2025 13:52

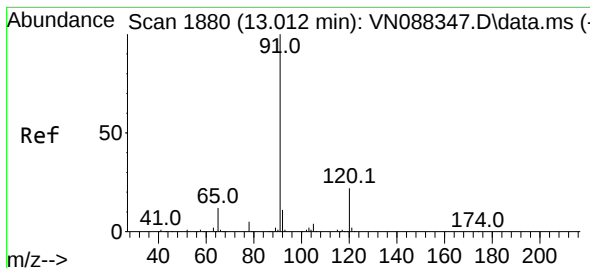
Tgt Ion: 75 Resp: 12183

Ion Ratio Lower Upper

75 100

77 594.1 87.2 261.6#





#78

n-propylbenzene

Concen: 91.027 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

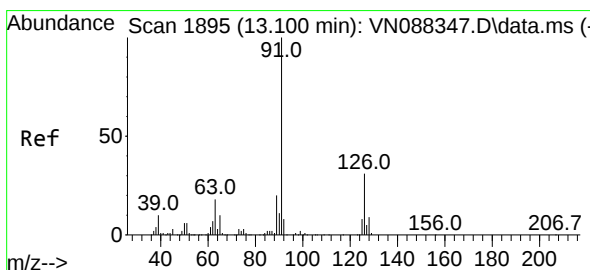
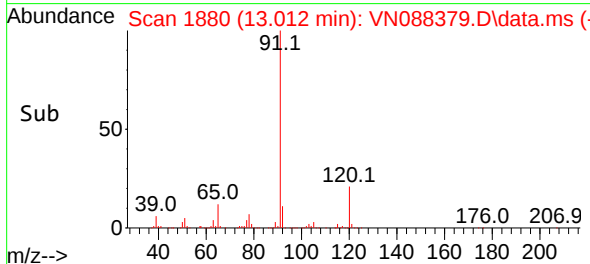
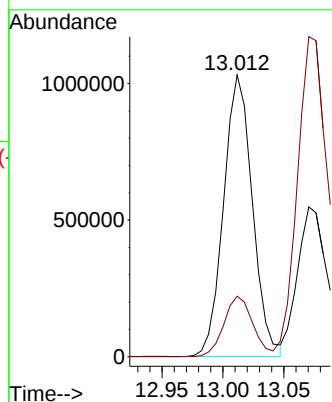
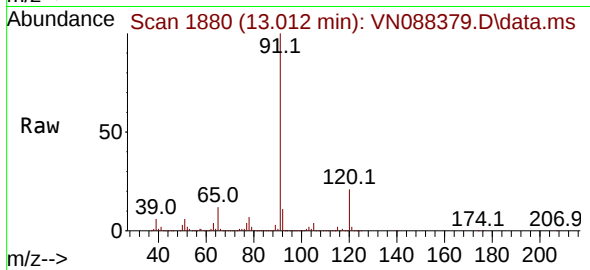
ClientSampleId :

Tgt Ion: 91 Resp: 1699094

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.6



#79

2-Chlorotoluene

Concen: 108.647 ug/l

RT: 13.071 min Scan# 1890

Delta R.T. -0.029 min

Lab File: VN088379.D

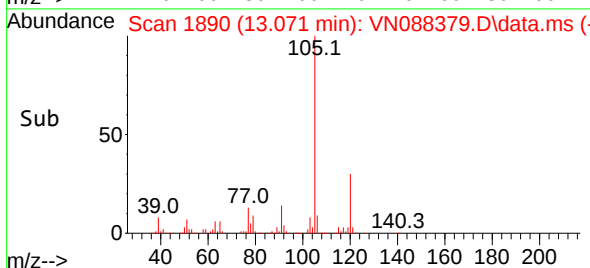
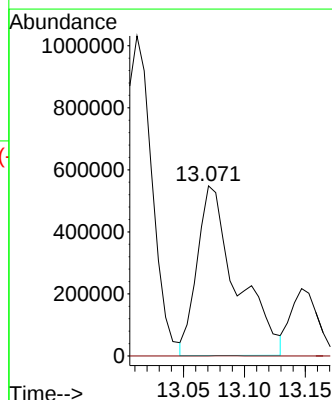
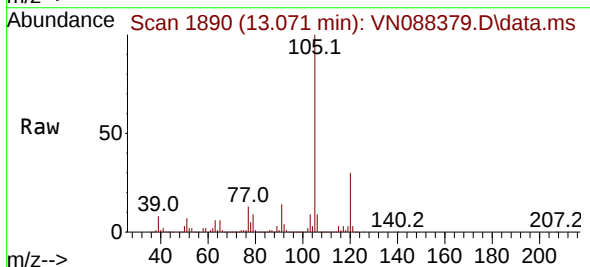
Acq: 01 Dec 2025 13:52

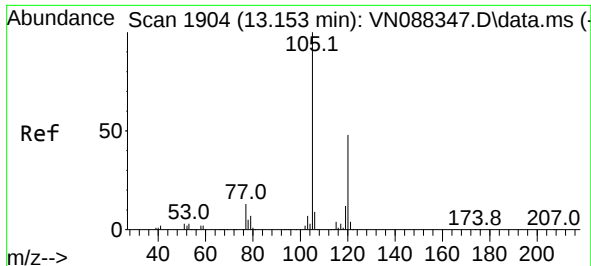
Tgt Ion: 91 Resp: 1238424

Ion Ratio Lower Upper

91 100

126 0.1 15.3 45.9#

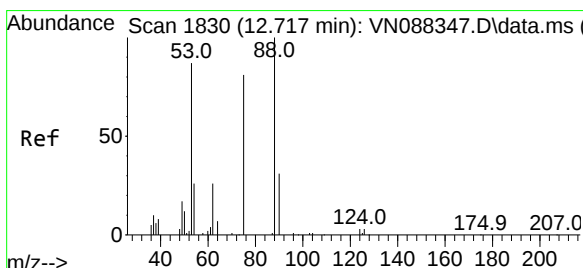
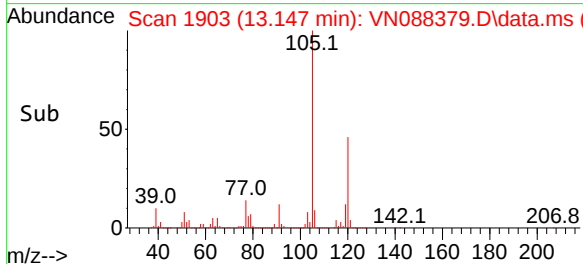
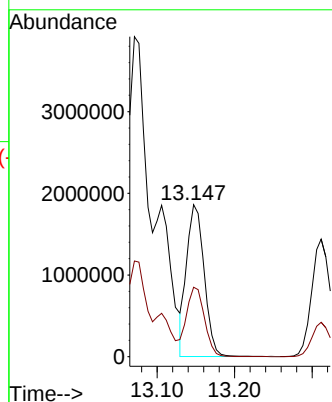
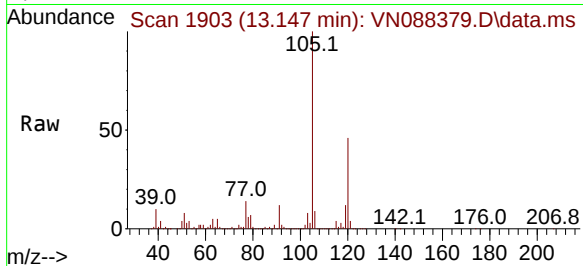




#80
 1,3,5-Trimethylbenzene
 Concen: 230.496 ug/l
 RT: 13.147 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VN088379.D
 Acq: 01 Dec 2025 13:52

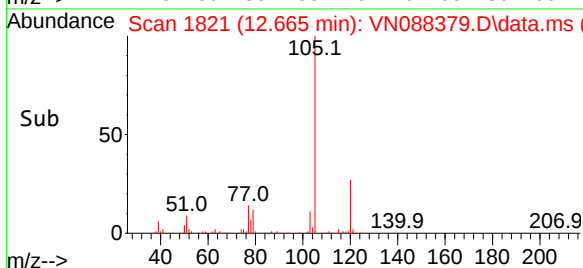
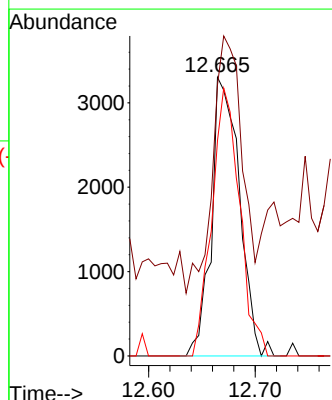
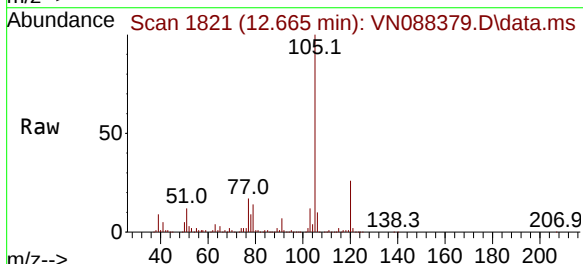
Instrument :
 MSVOA_N
 ClientSampleId :

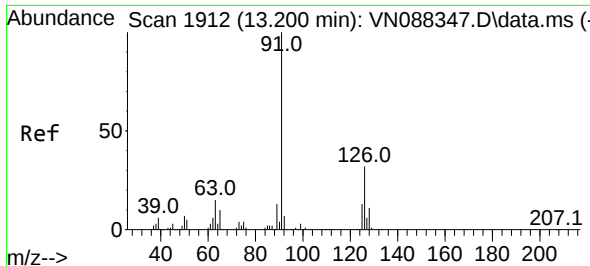
Tgt Ion:105 Resp: 2914167
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.529 ug/l
 RT: 12.665 min Scan# 1821
 Delta R.T. -0.053 min
 Lab File: VN088379.D
 Acq: 01 Dec 2025 13:52

Tgt Ion: 75 Resp: 6012
 Ion Ratio Lower Upper
 75 100
 53 94.9 92.2 138.4
 89 96.0 0.0 0.0#

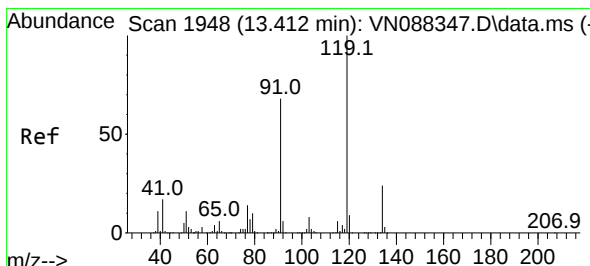
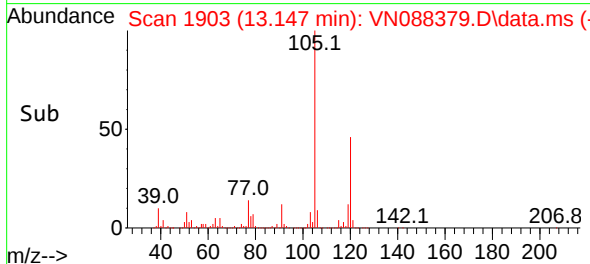
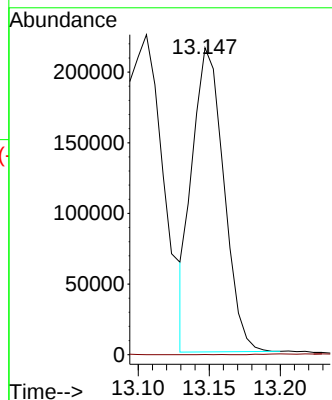
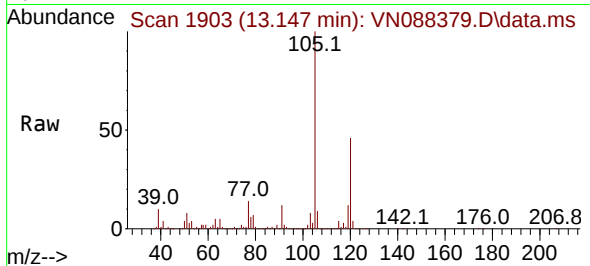




#82
4-Chlorotoluene
Concen: 29.389 ug/l
RT: 13.147 min Scan# 1912
Delta R.T. -0.053 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

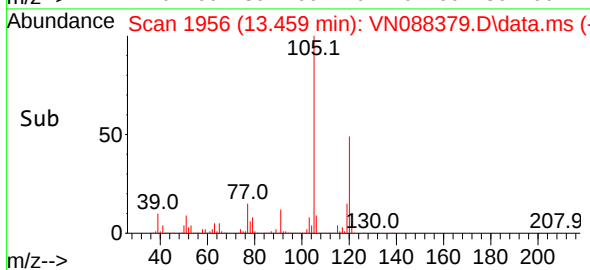
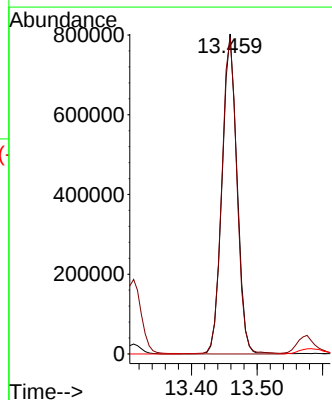
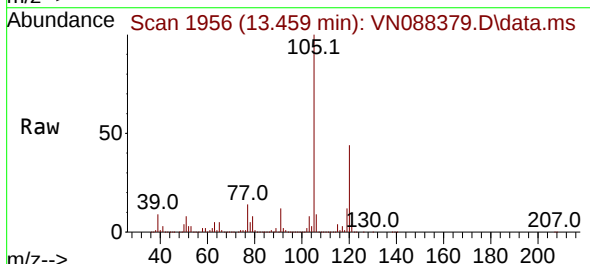
Instrument :
MSVOA_N
ClientSampleId :

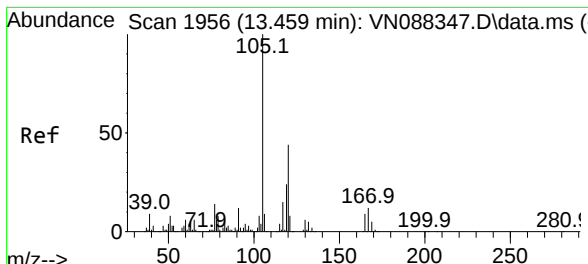
Tgt Ion: 91 Resp: 332726
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 117.424 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 119 Resp: 1262019
Ion Ratio Lower Upper
119 100
91 99.9 35.1 105.3
134 0.0 12.8 38.4#



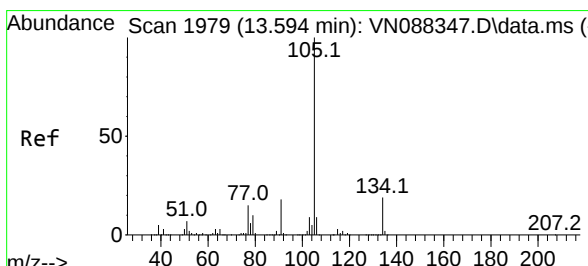
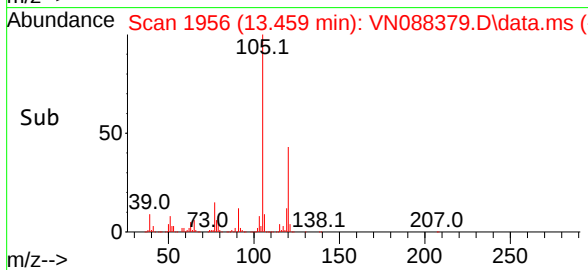
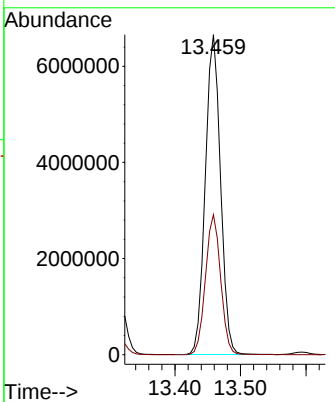
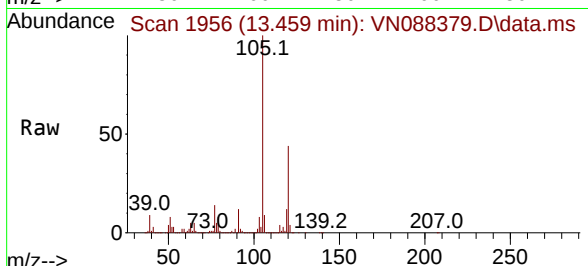


#84
 1,2,4-Trimethylbenzene
 Concen: 853.409 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088379.D
 Acq: 01 Dec 2025 13:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:105 Resp:10724506

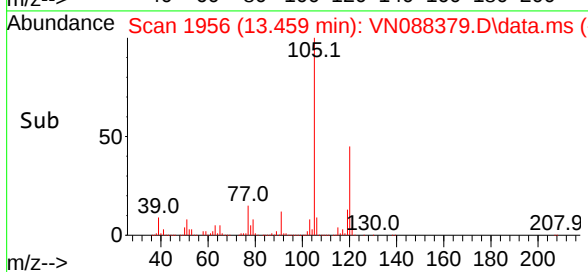
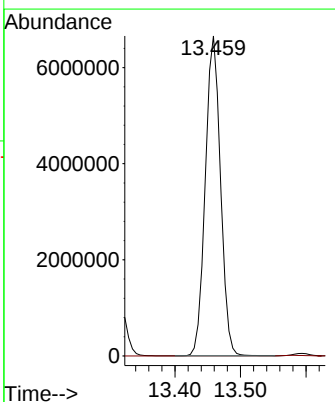
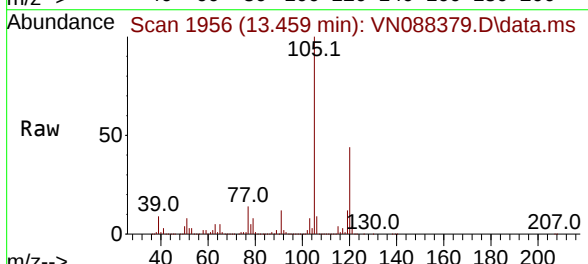
Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

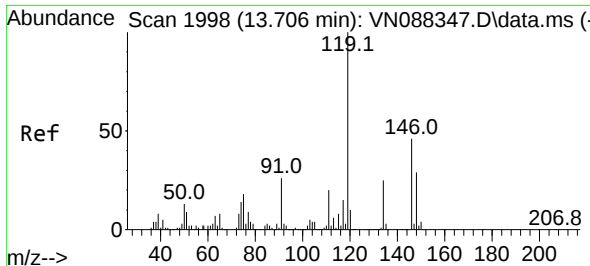


#85
 sec-Butylbenzene
 Concen: 694.596 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.135 min
 Lab File: VN088379.D
 Acq: 01 Dec 2025 13:52

Tgt Ion:105 Resp:10724506

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5

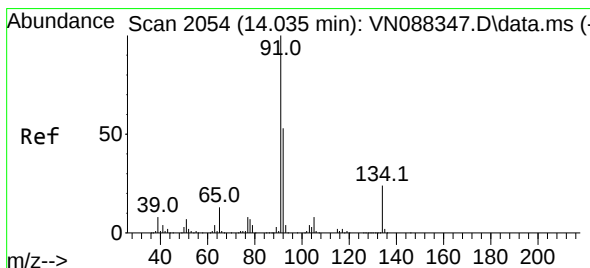
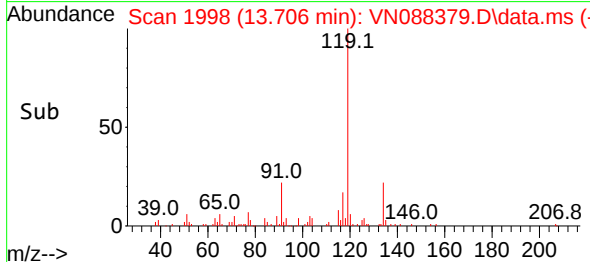
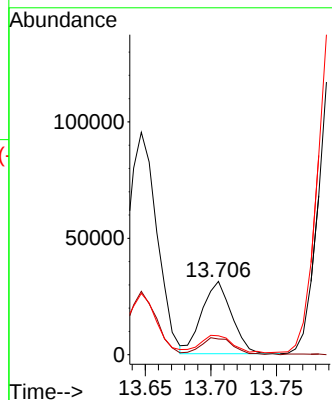
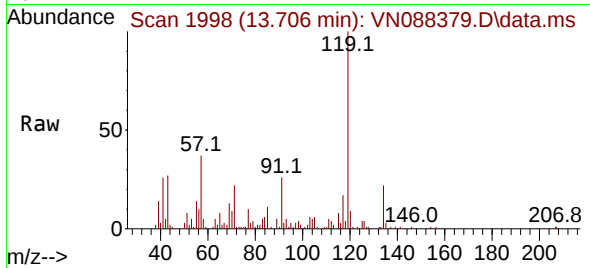




#86
p-Isopropyltoluene
Concen: 3.854 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

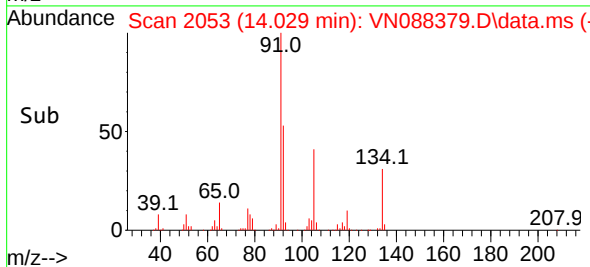
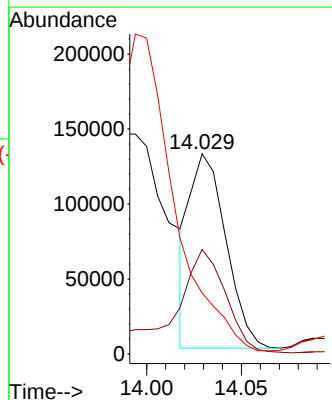
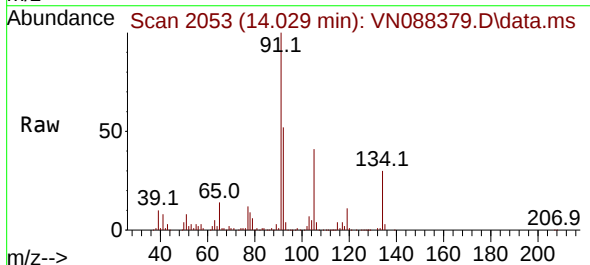
Instrument :
MSVOA_N
ClientSampleId :

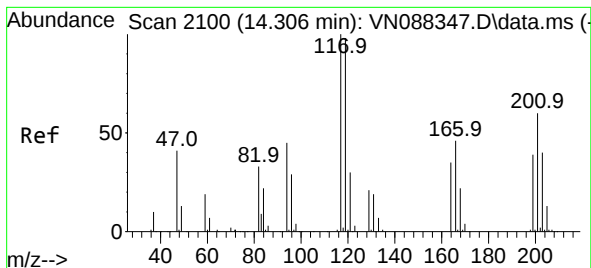
Tgt Ion:119 Resp: 48795
Ion Ratio Lower Upper
119 100
134 25.8 12.2 36.6
91 0.0 13.0 39.0#



#89
n-Butylbenzene
Concen: 14.059 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088379.D
Acq: 01 Dec 2025 13:52

Tgt Ion: 91 Resp: 172834
Ion Ratio Lower Upper
91 100
92 65.9 26.1 78.3
134 0.0 11.7 35.1#





#90

Hexachloroethane

Concen: 40.700 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

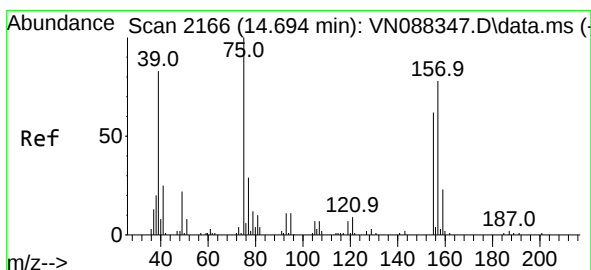
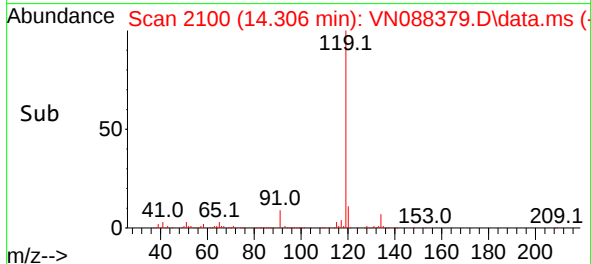
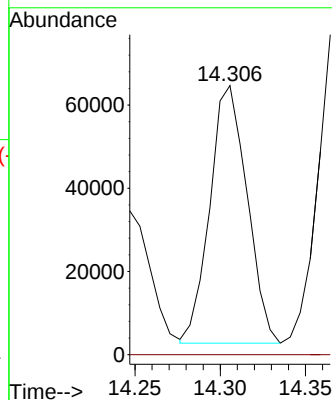
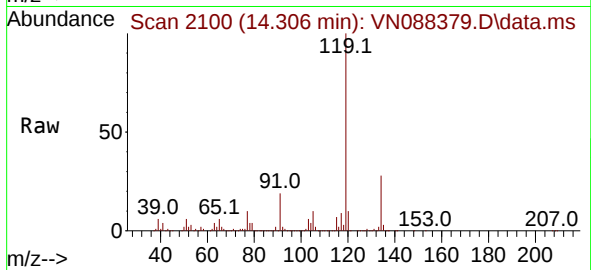
ClientSampleId :

Tgt Ion:117 Resp: 94135

Ion Ratio Lower Upper

117 100

201 0.0 30.3 90.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.757 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. 0.018 min

Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

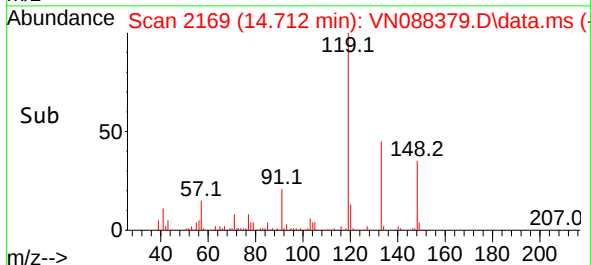
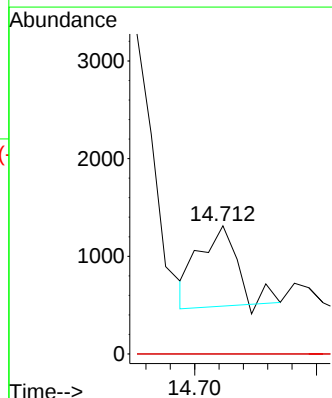
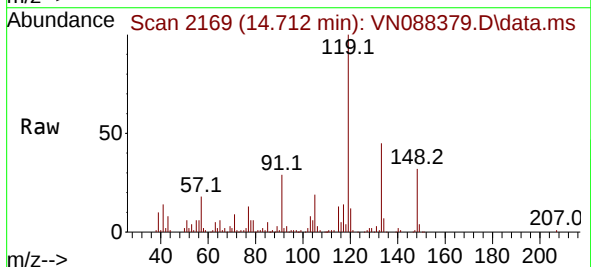
Tgt Ion: 75 Resp: 906

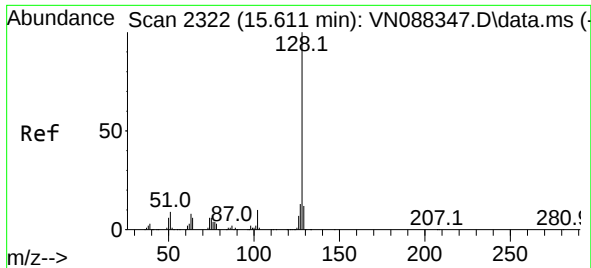
Ion Ratio Lower Upper

75 100

155 0.0 33.7 101.1#

157 0.0 43.8 131.3#





#95

Naphthalene

Concen: 173.212 ug/l

RT: 15.612 min Scan# 21

Delta R.T. 0.000 min

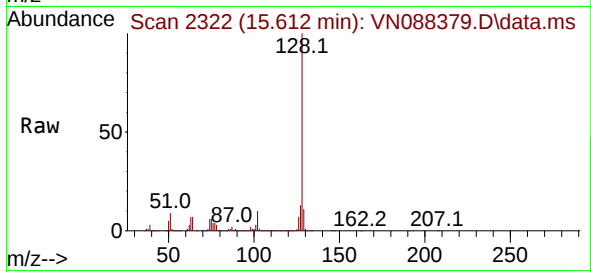
Lab File: VN088379.D

Acq: 01 Dec 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 2280660

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.6	9.0	13.6

