

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
 Data File : VN085068.D
 Acq On : 02 Dec 2024 14:30
 Operator : JC\MD
 Sample : PB165298TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 00:49:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	153008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	263793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	228181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	108141	49.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.240%
35) Dibromofluoromethane	8.159	113	88361	49.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	10.559	98	309822	48.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.847	95	111387	46.720	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.440%

Target Compounds						Qvalue
3) Chloromethane	2.359	50	738	0.368	ug/l #	40
5) Bromomethane	2.900	94	687	0.680	ug/l #	71
11) Tert butyl alcohol	5.530	59	586	2.012	ug/l #	75
16) Acetone	4.430	43	26988	42.517	ug/l	96
17) Carbon Disulfide	4.700	76	1360	0.284	ug/l #	77
18) Methyl Acetate	5.036	43	2958	0.318	ug/l #	68
20) Methylene Chloride	5.271	84	986	0.509	ug/l #	87
25) 2-Butanone	7.488	43	3342	3.220	ug/l #	82
29) Tetrahydrofuran	7.841	42	327	0.507	ug/l #	31
31) Cyclohexane	8.218	56	3484	1.200	ug/l #	8
36) 1,1-Dichloropropene	8.218	75	12271	5.093	ug/l #	51
37) Ethyl Acetate	7.559	43	2616	1.194	ug/l #	76
38) Carbon Tetrachloride	8.218	117	16052	5.771	ug/l #	16
43) Isopropyl Acetate	8.682	43	104552	22.978	ug/l #	91
45) 1,2-Dichloropropane	9.741	63	1158	0.617	ug/l #	45
48) Methyl methacrylate	9.659	41	2700	1.595	ug/l #	11
51) 4-Methyl-2-Pentanone	10.447	43	8611	4.143	ug/l #	69
53) t-1,3-Dichloropropene	10.829	75	874	0.315	ug/l #	84
54) cis-1,3-Dichloropropene	10.353	75	38650	13.146	ug/l #	64
56) Ethyl methacrylate	10.976	69	1279	0.521	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5102	1.725	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.147	63	1377	1.143	ug/l	93
59) 2-Hexanone	11.170	43	81123	52.191	ug/l #	23
65) Chlorobenzene	11.894	112	2060	0.398	ug/l	100
67) Ethyl Benzene	11.953	91	2062	0.246	ug/l	93
68) m/p-Xylenes	12.065	106	1460	0.457	ug/l #	68
69) o-Xylene	12.400	106	678	0.223	ug/l	96
70) Styrene	12.406	104	2297	0.454	ug/l	91
73) Isopropylbenzene	12.694	105	1494	0.212	ug/l	92
74) N-amyl acetate	12.488	43	1807	0.621	ug/l #	65
76) 1,2,3-Trichloropropane	12.847	75	58873	32.342	ug/l #	1
77) Bromobenzene	12.970	156	962	0.506	ug/l	95
78) n-propylbenzene	13.035	91	3556	0.437	ug/l	96
79) 2-Chlorotoluene	13.217	91	3650	0.671	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	2015	0.340	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.847	75	58873	71.397	ug/l #	10

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

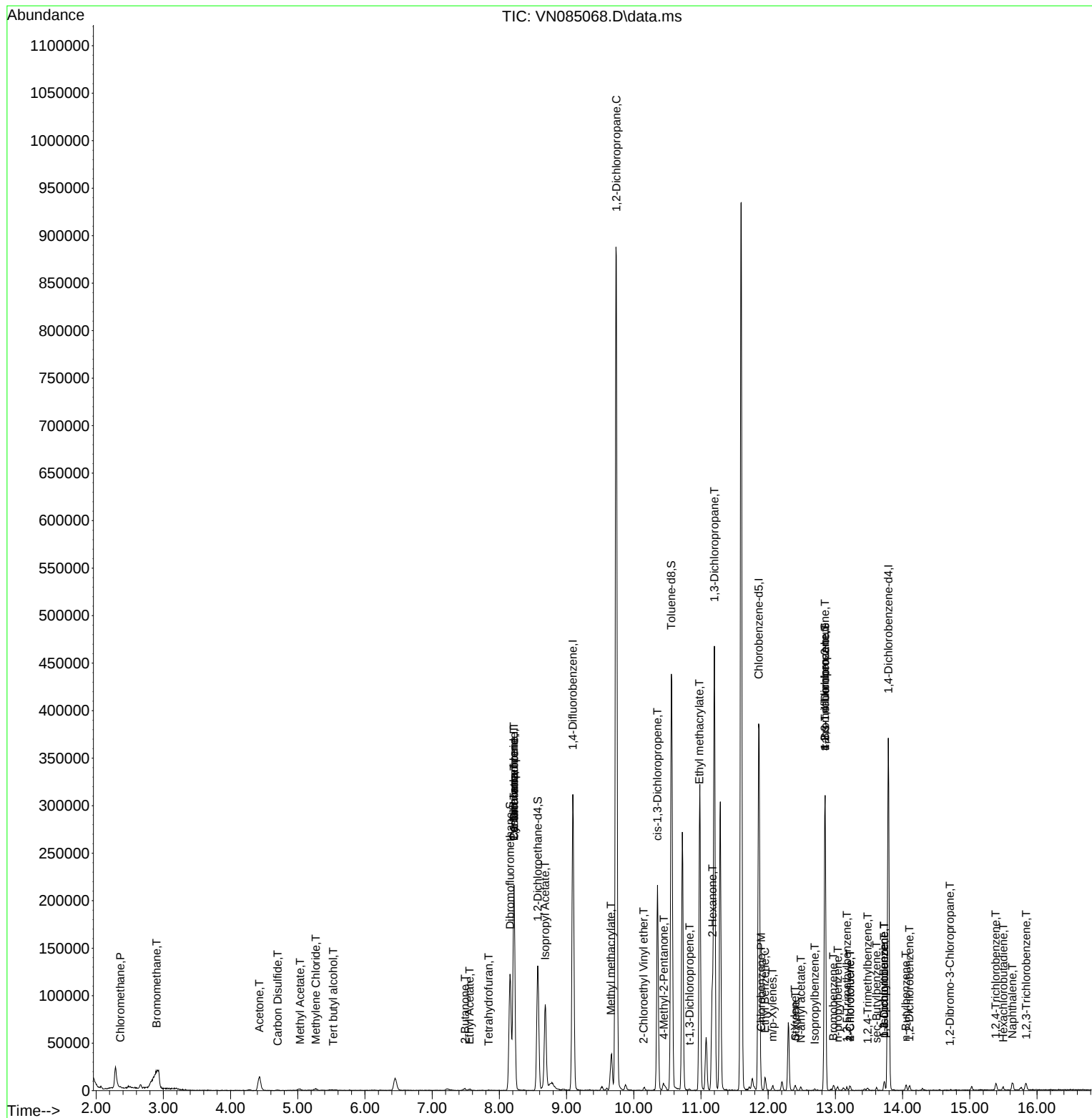
82) 4-Chlorotoluene	13.217	91	3650	0.645	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1850	0.303	ug/l	98
85) sec-Butylbenzene	13.611	105	2157	0.313	ug/l	93
86) p-Isopropyltoluene	13.723	119	2156	0.379	ug/l	92
87) 1,3-Dichlorobenzene	13.723	146	3302	0.881	ug/l	97
88) 1,4-Dichlorobenzene	13.723	146	3302	0.863	ug/l	97
89) n-Butylbenzene	14.047	91	3854	0.729	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	2364	0.658	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.706	75	133	0.285	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.388	180	3169	1.624	ug/l	90
94) Hexachlorobutadiene	15.500	225	966	1.073	ug/l	97
95) Naphthalene	15.635	128	8131	1.463	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	3432	1.844	ug/l #	87

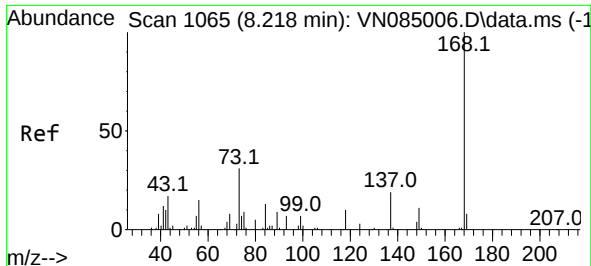
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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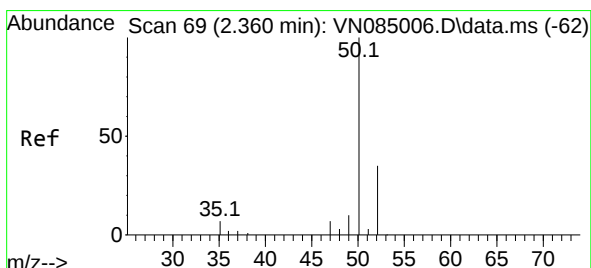
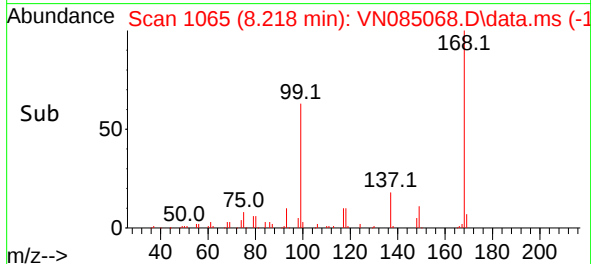
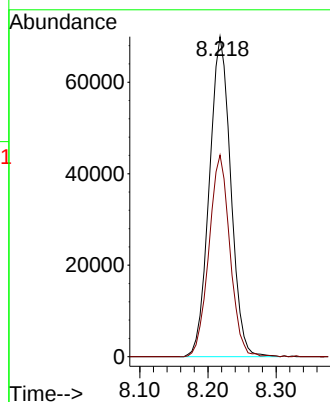
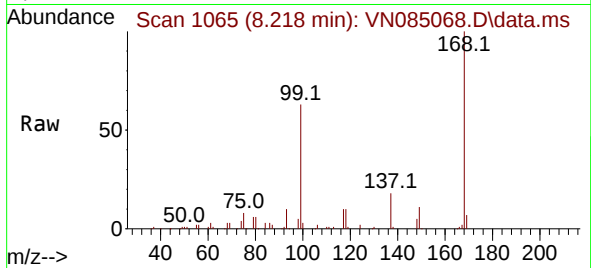




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085068.D
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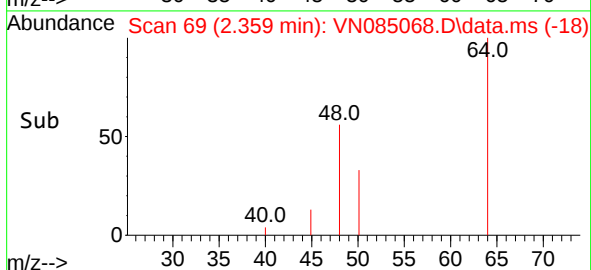
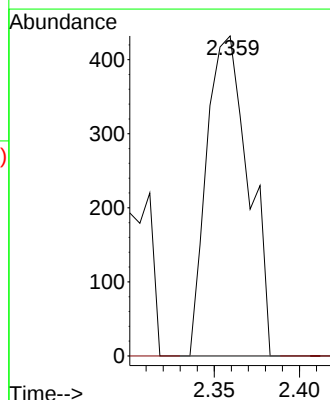
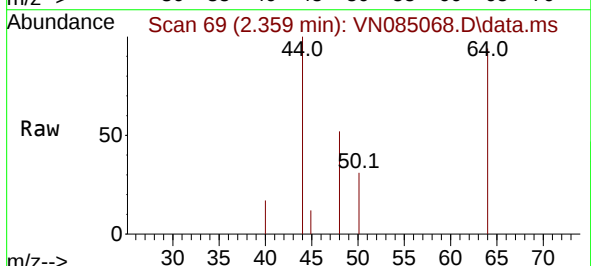
Instrument :
MSVOA_N
ClientSampleId :

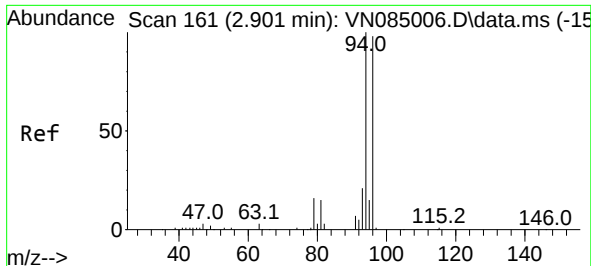
Tgt Ion:168 Resp: 153008
Ion Ratio Lower Upper
168 100
99 63.0 51.2 76.8



#3
Chloromethane
Concen: 0.368 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

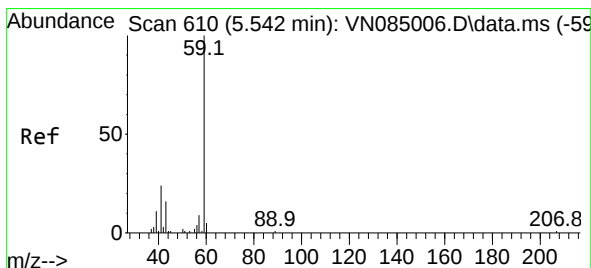
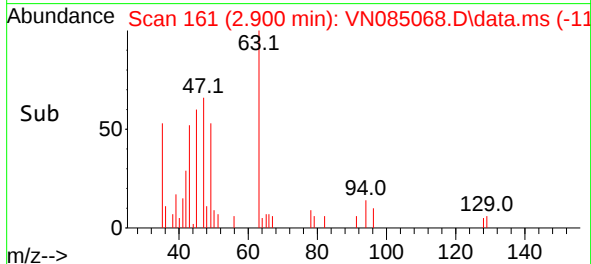
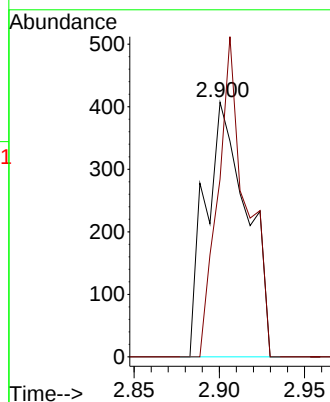
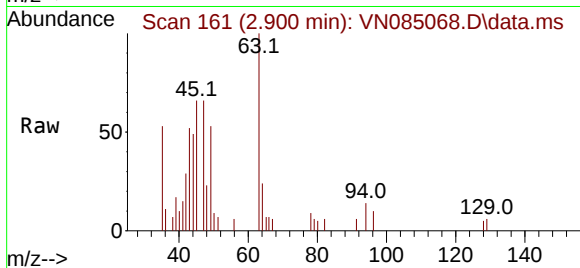




#5
Bromomethane
Concen: 0.680 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

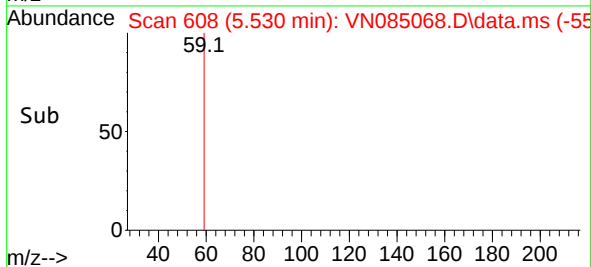
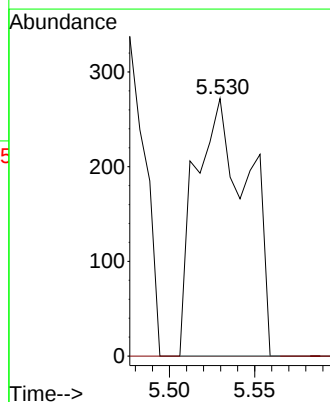
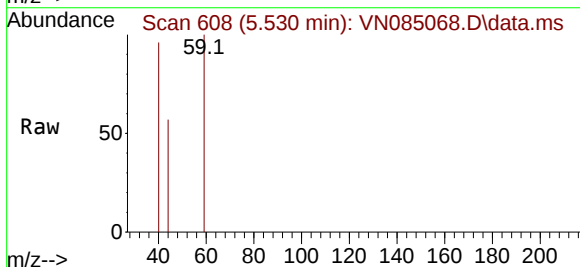
Instrument :
MSVOA_N
ClientSampleId :

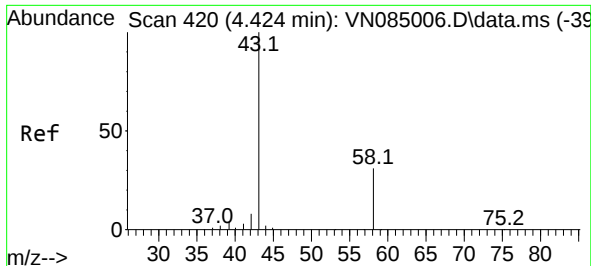
Tgt Ion: 94 Resp: 687
Ion Ratio Lower Upper
94 100
96 69.8 78.7 118.1#



#11
Tert butyl alcohol
Concen: 2.012 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

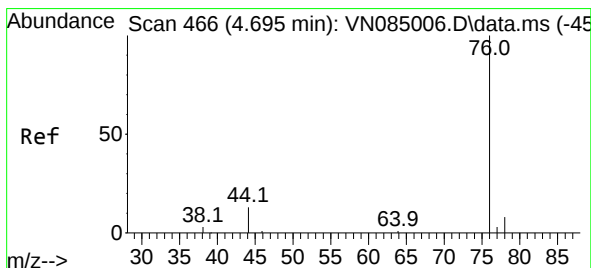
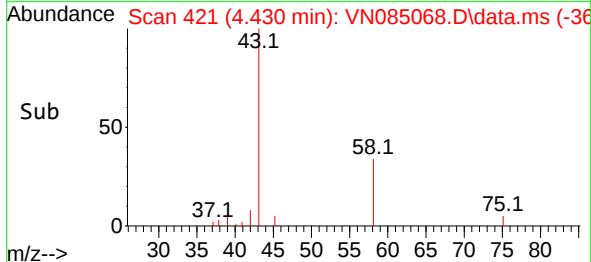
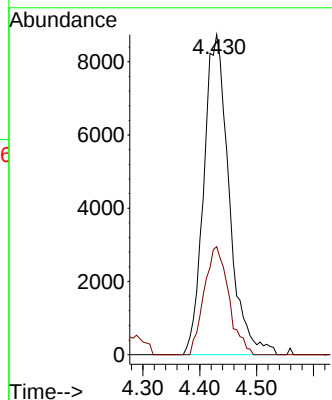
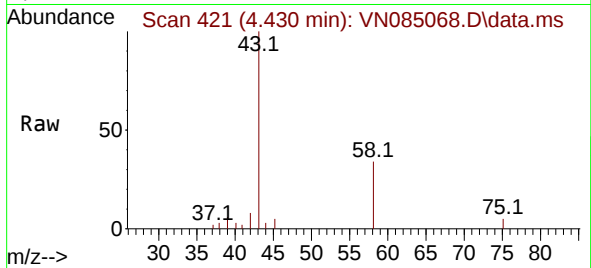




#16
Acetone
Concen: 42.517 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

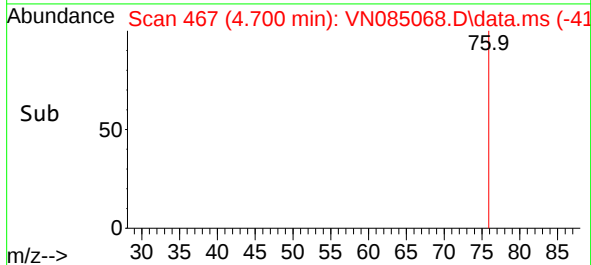
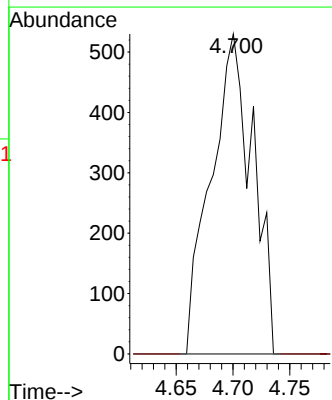
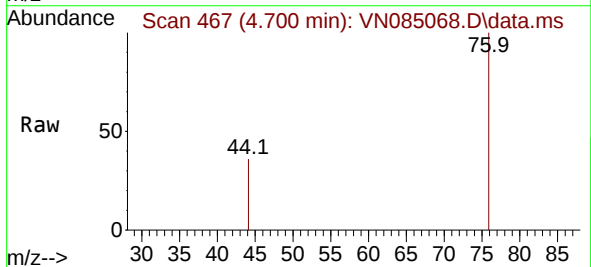
Instrument :
MSVOA_N
ClientSampleId :

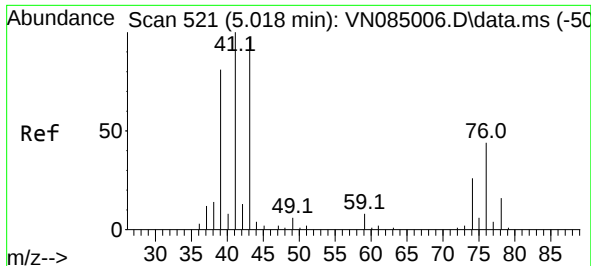
Tgt Ion: 43 Resp: 26988
Ion Ratio Lower Upper
43 100
58 33.8 25.4 38.2



#17
Carbon Disulfide
Concen: 0.284 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 76 Resp: 1360
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#

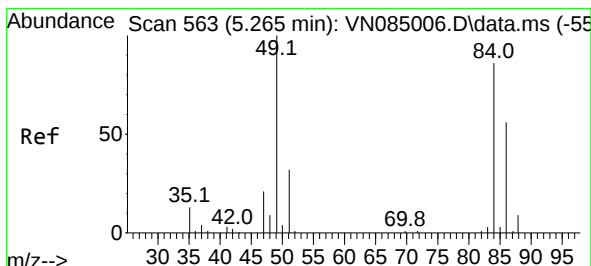
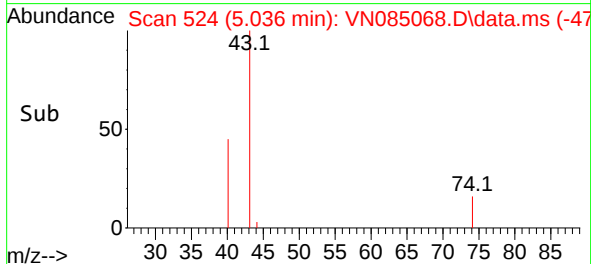
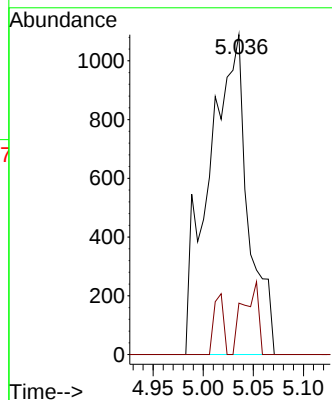
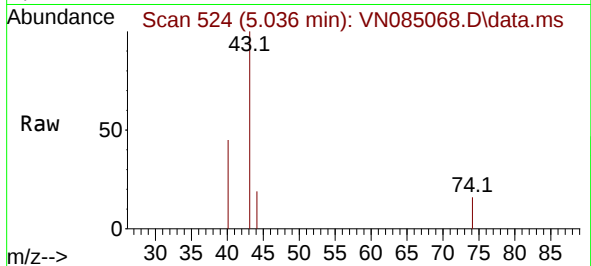




#18
Methyl Acetate
Concen: 0.318 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

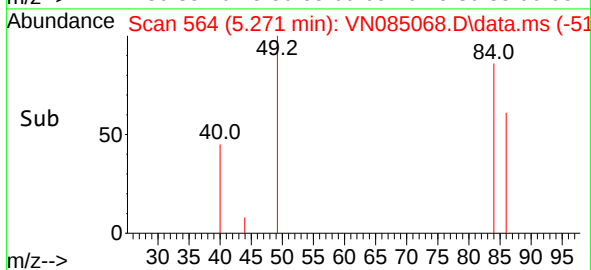
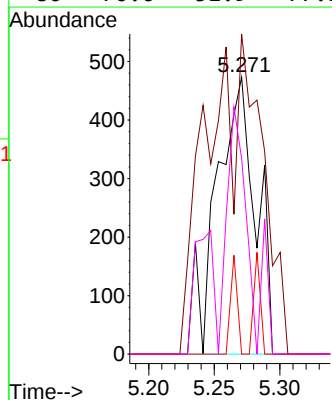
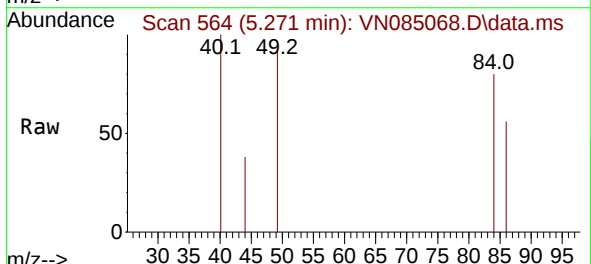
Instrument :
MSVOA_N
ClientSampleId :

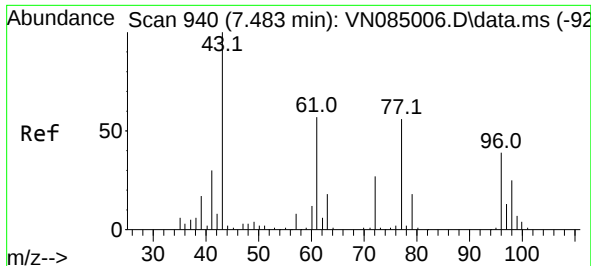
Tgt Ion: 43 Resp: 2958
Ion Ratio Lower Upper
43 100
74 9.0 20.1 30.1#



#20
Methylene Chloride
Concen: 0.509 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 84 Resp: 986
Ion Ratio Lower Upper
84 100
49 115.6 92.7 139.1
51 0.0 29.4 44.2#
86 70.6 51.9 77.9

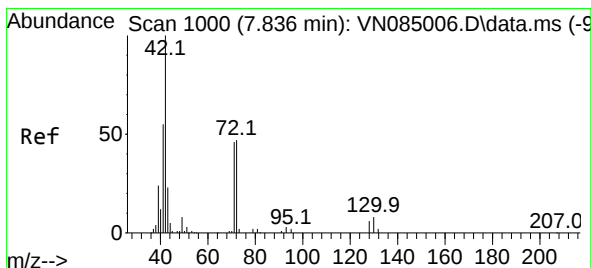
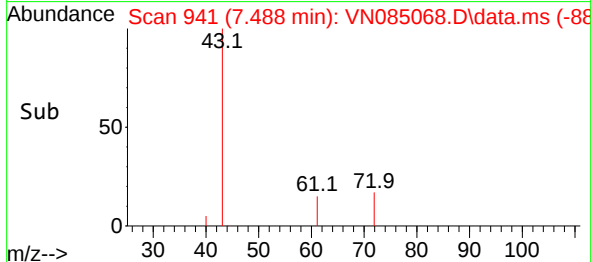
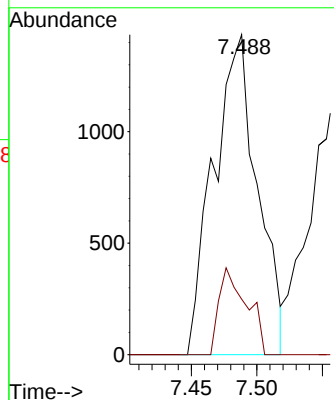
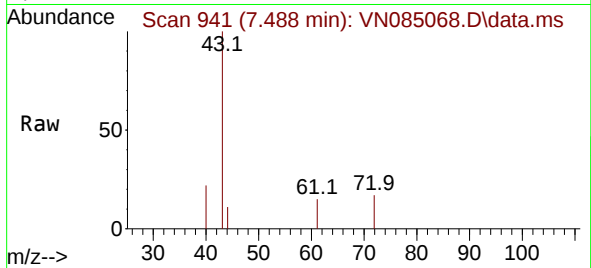




#25
2-Butanone
Concen: 3.220 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

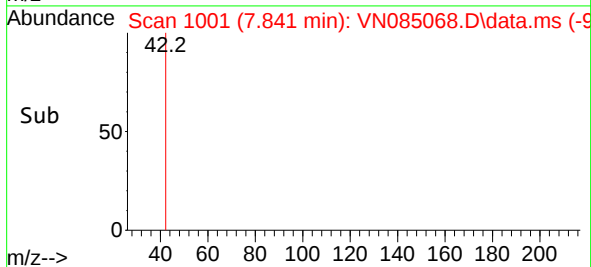
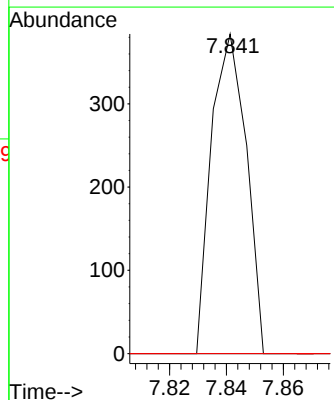
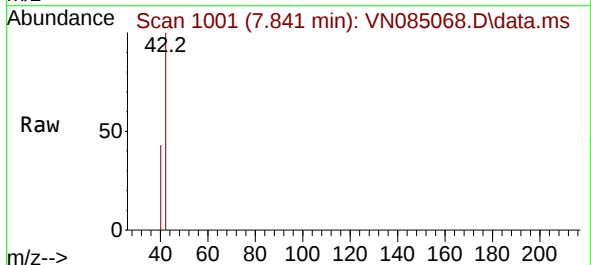
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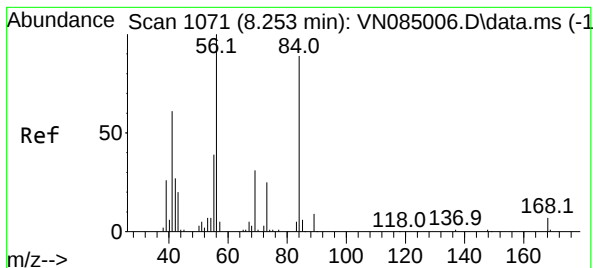
Tgt Ion: 43 Resp: 3342
Ion Ratio Lower Upper
43 100
72 17.4 21.4 32.0#



#29
Tetrahydrofuran
Concen: 0.507 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 42 Resp: 327
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 0.0 35.0 52.4#





#31

Cyclohexane

Concen: 1.200 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.036 min

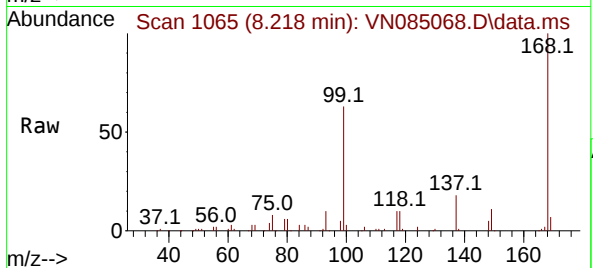
Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :



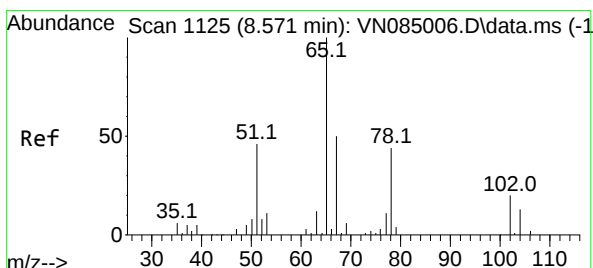
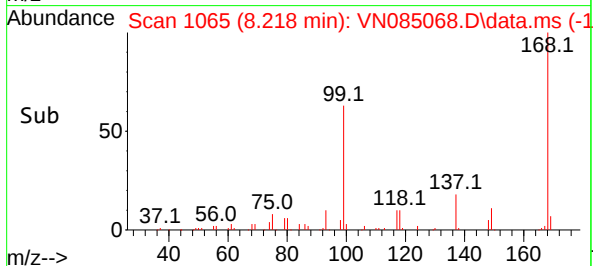
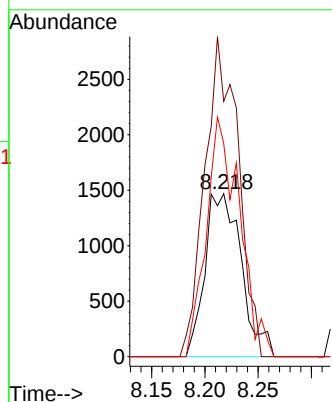
Tgt Ion: 56 Resp: 3484

Ion Ratio Lower Upper

56 100

69 156.6 24.6 36.8#

84 130.8 71.4 107.2#



#33

1,2-Dichloroethane-d4

Concen: 49.618 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085068.D

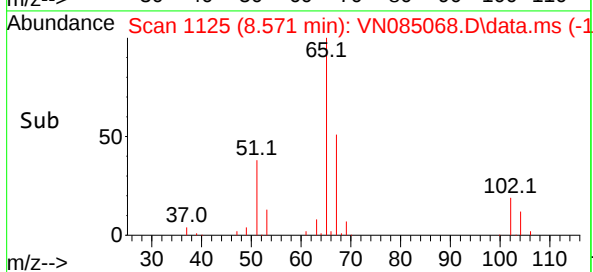
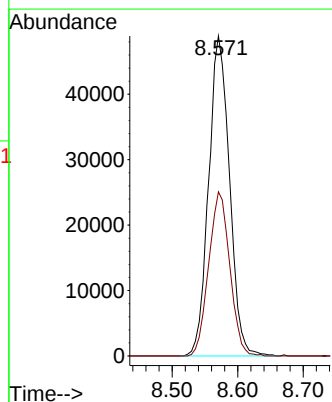
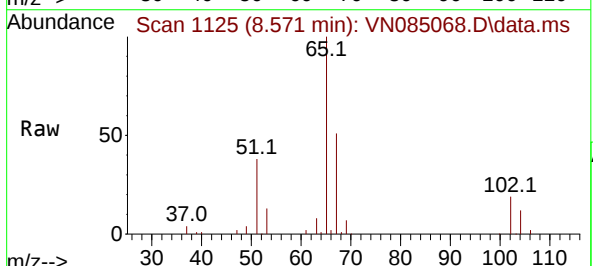
Acq: 02 Dec 2024 14:30

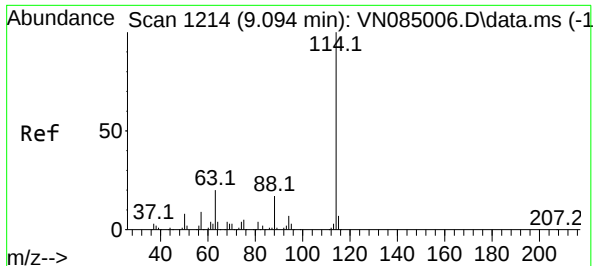
Tgt Ion: 65 Resp: 108141

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

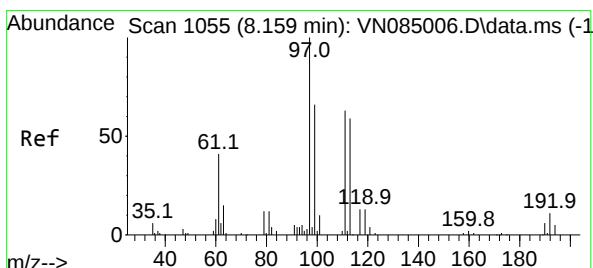
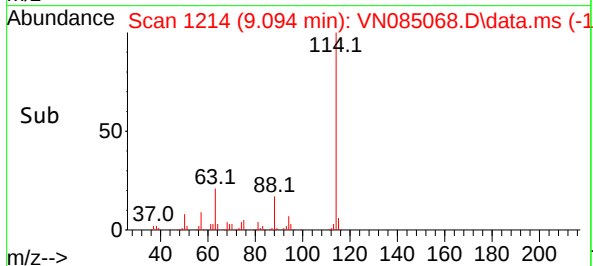
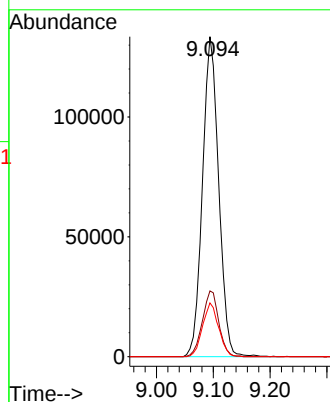
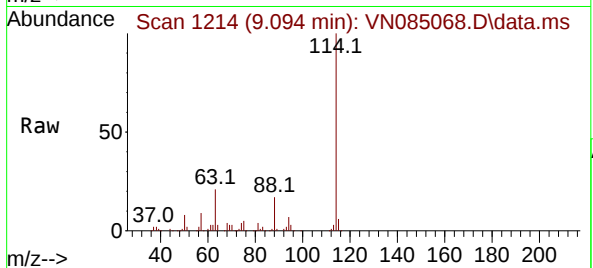
Tgt Ion:114 Resp: 263793

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 16.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.671 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

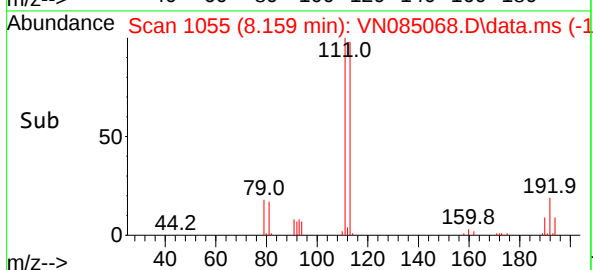
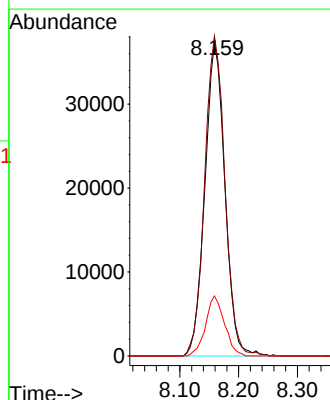
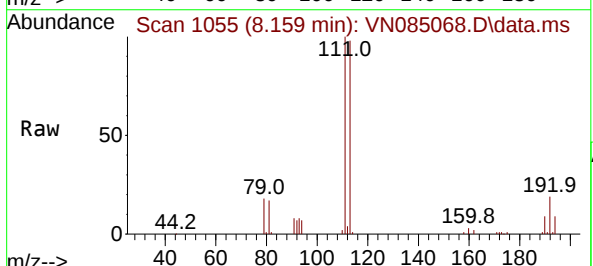
Tgt Ion:113 Resp: 88361

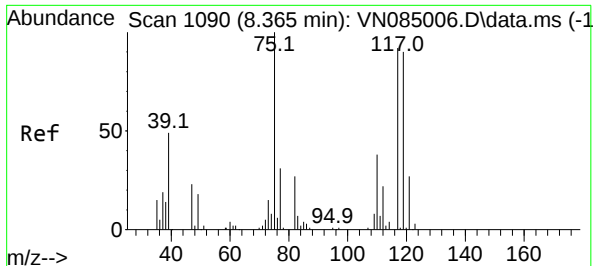
Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

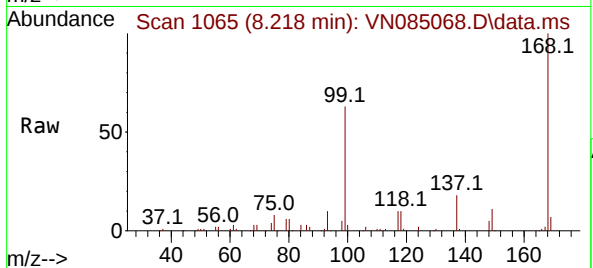
192 18.1 14.8 22.2



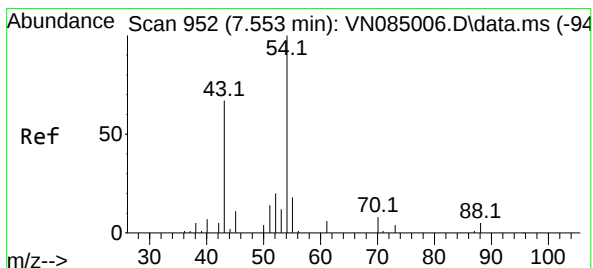
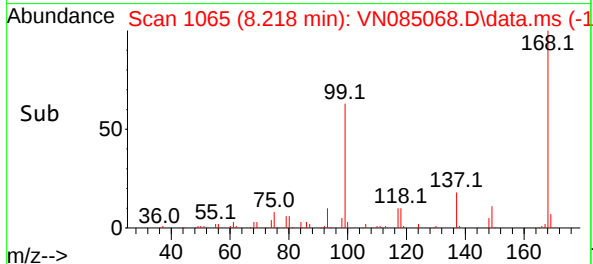
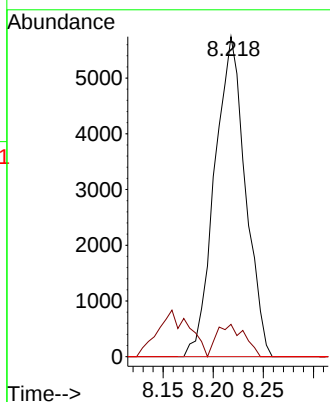


#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Instrument :
MSVOA_N
ClientSampleId :

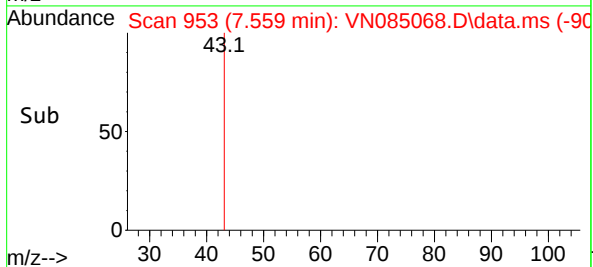
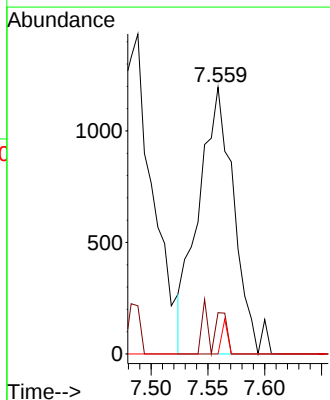
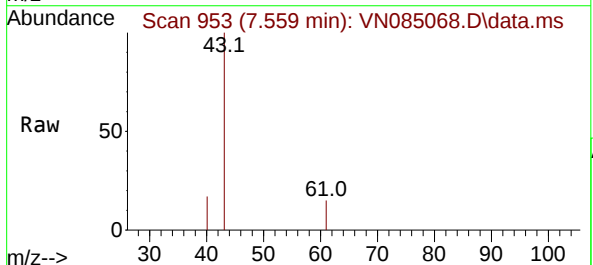


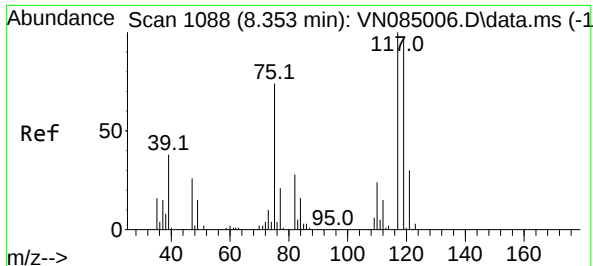
Tgt Ion: 75 Resp: 12271
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.2 36.4#



#37
Ethyl Acetate
Concen: 1.194 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

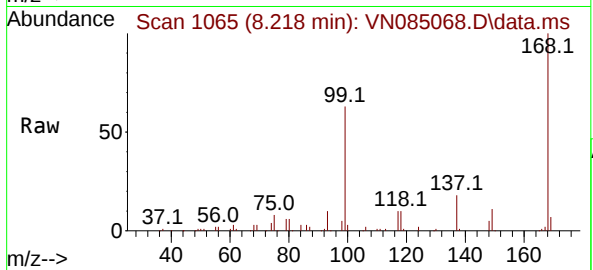
Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
61 5.0 11.7 17.5#
70 2.1 9.3 13.9#



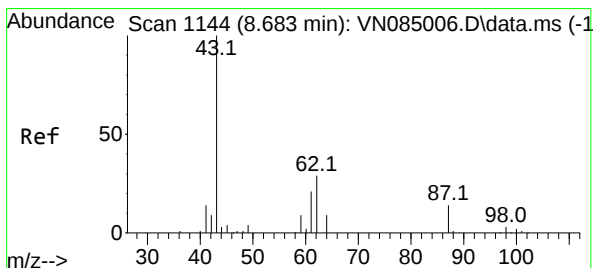
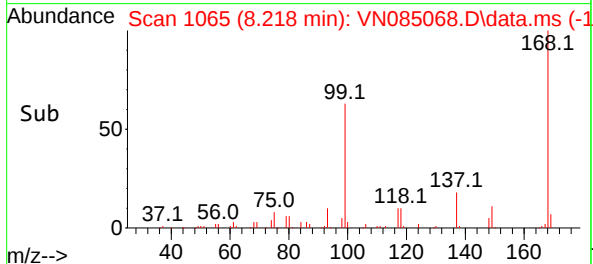
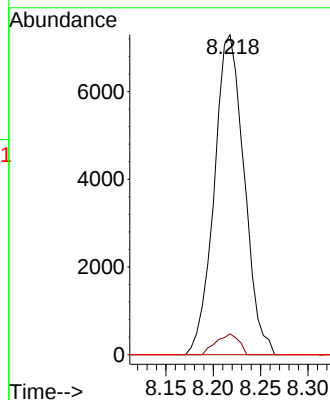


#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.136 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Instrument :
MSVOA_N
ClientSampleId :

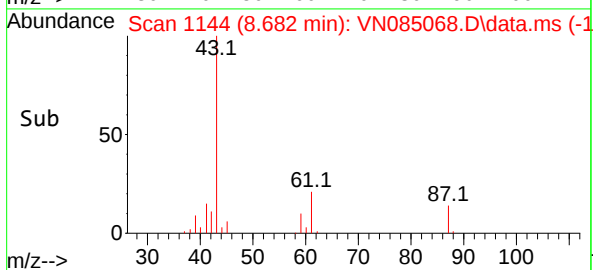
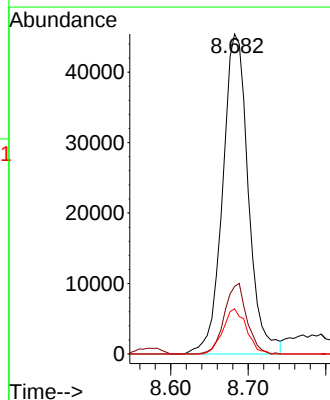
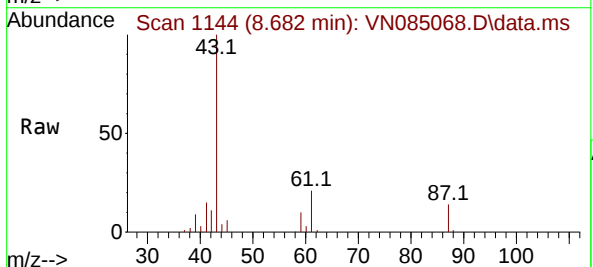


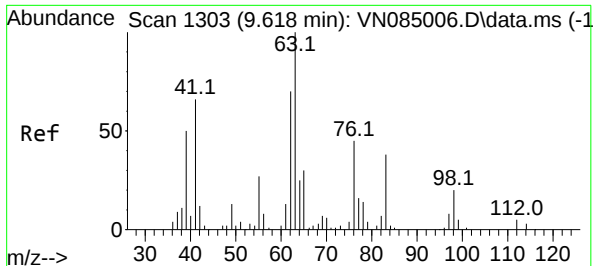
Tgt Ion:117 Resp: 16052
Ion Ratio Lower Upper
117 100
119 6.5 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 22.978 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 43 Resp: 104552
Ion Ratio Lower Upper
43 100
61 19.2 20.6 30.8#
87 13.0 11.0 16.4





#45

1,2-Dichloropropane

Concen: 0.617 ug/l

RT: 9.741 min Scan# 1158

Delta R.T. 0.123 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

Instrument :

MSVOA_N

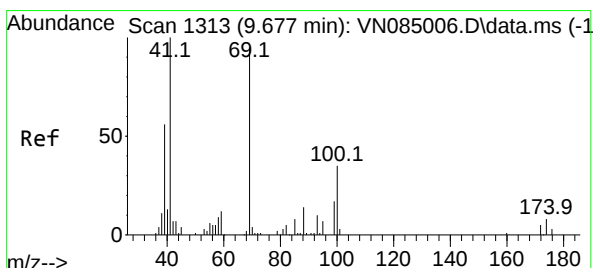
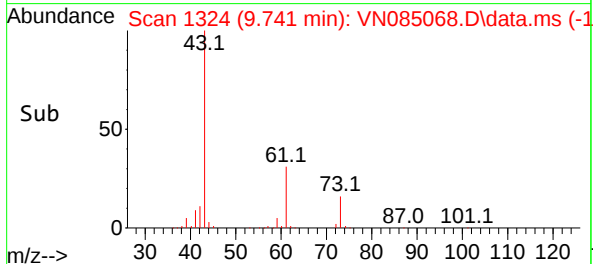
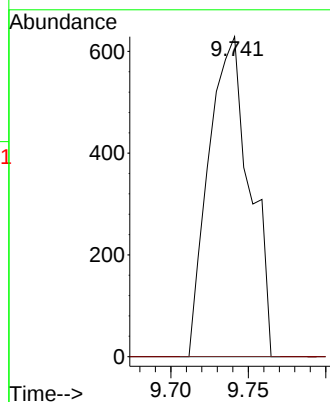
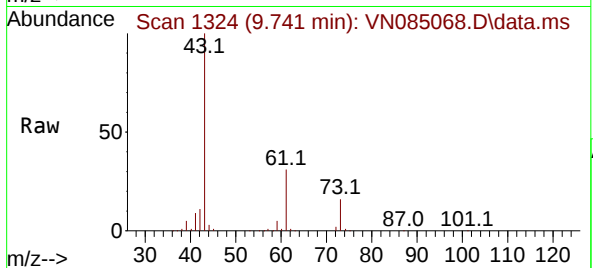
ClientSampleId :

Tgt Ion: 63 Resp: 1158

Ion Ratio Lower Upper

63 100

65 0.0 24.0 36.0#



#48

Methyl methacrylate

Concen: 1.595 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.018 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

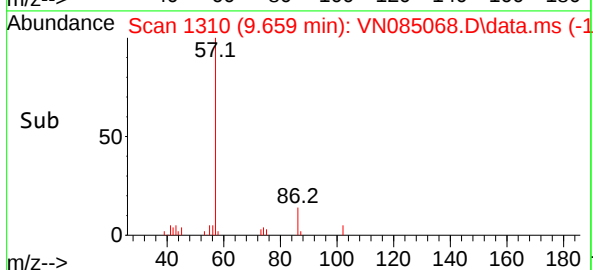
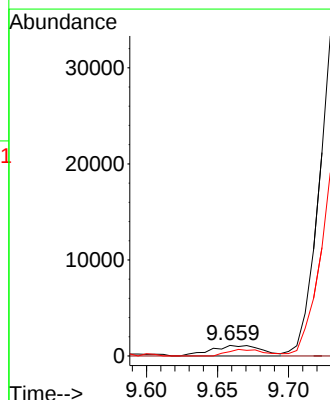
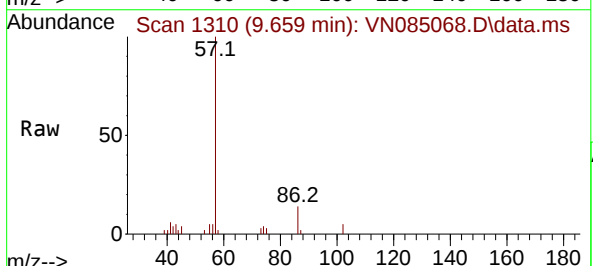
Tgt Ion: 41 Resp: 2700

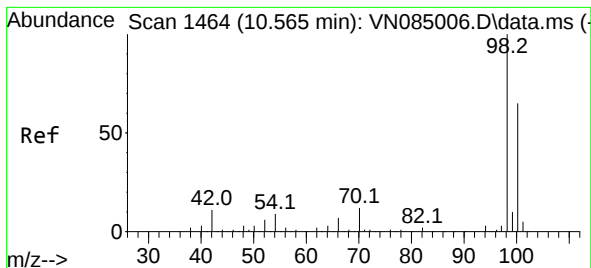
Ion Ratio Lower Upper

41 100

69 0.0 73.2 109.8#

39 0.0 46.2 69.4#

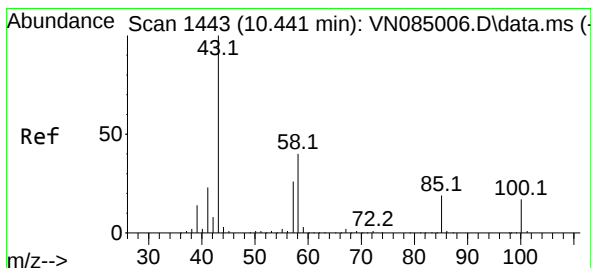
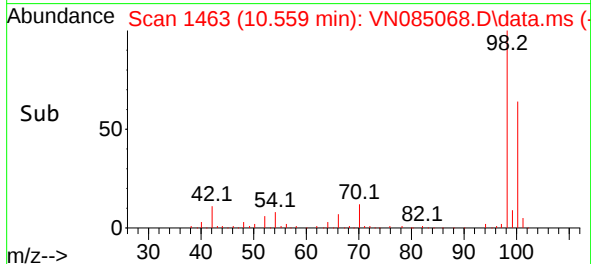
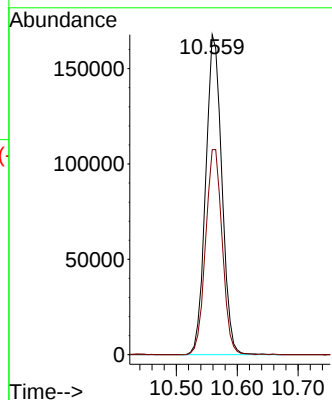
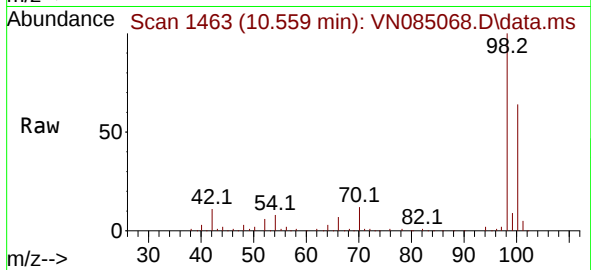




#50
Toluene-d8
Concen: 48.597 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

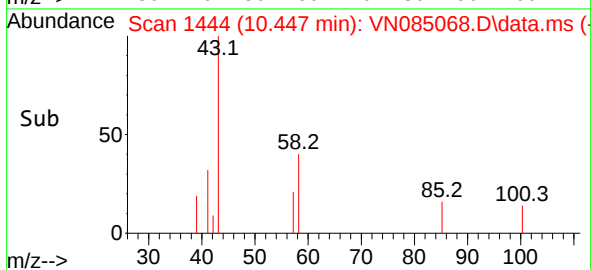
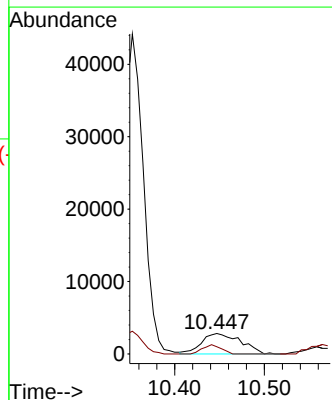
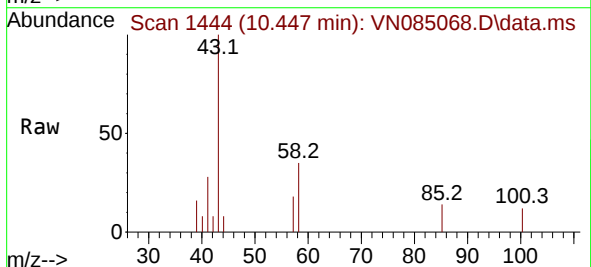
Instrument :
MSVOA_N
ClientSampleId :

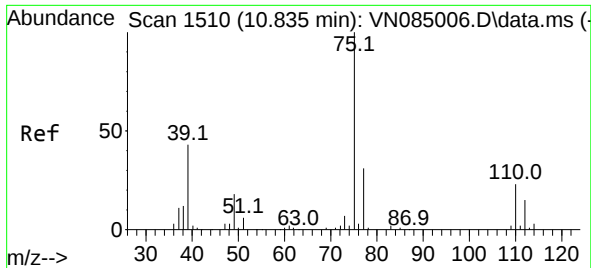
Tgt Ion: 98 Resp: 309822
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 4.143 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 43 Resp: 8611
Ion Ratio Lower Upper
43 100
58 21.2 32.1 48.1#

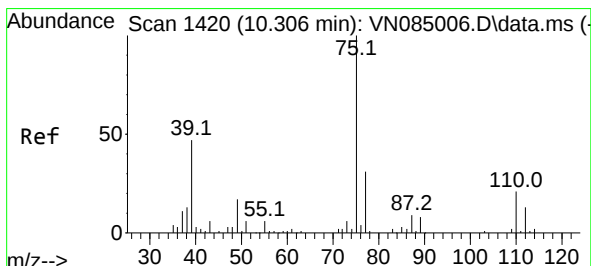
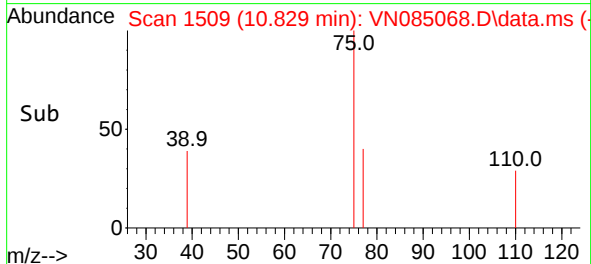
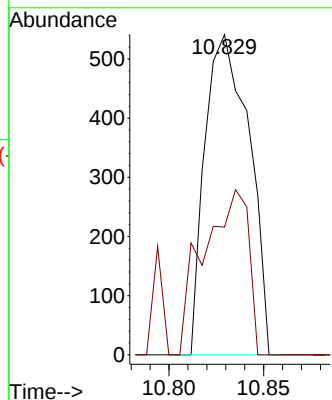
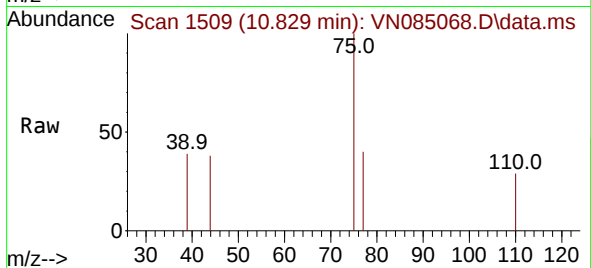




#53
 t-1,3-Dichloropropene
 Concen: 0.315 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN085068.D
 Acq: 02 Dec 2024 14:30

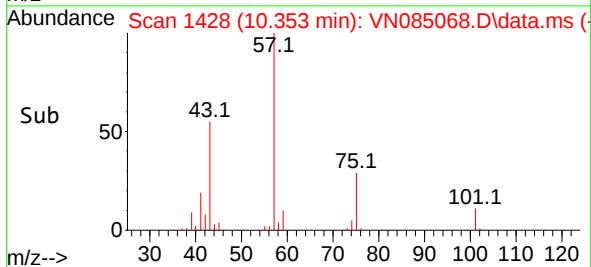
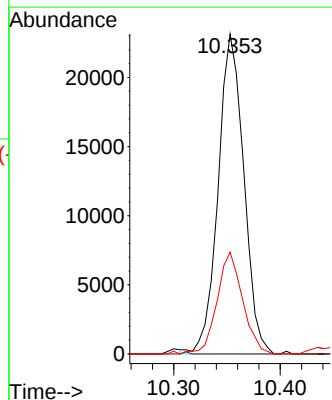
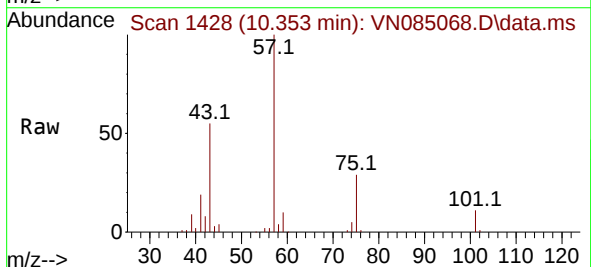
Instrument :
 MSVOA_N
 ClientSampleId :

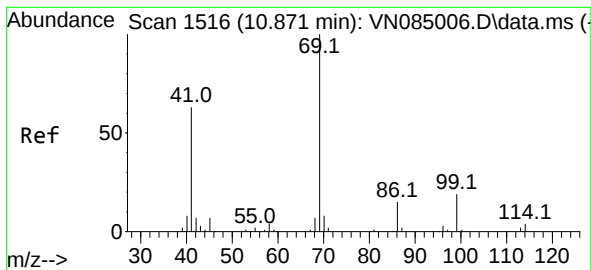
Tgt Ion: 75 Resp: 874
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.0 37.4#



#54
 cis-1,3-Dichloropropene
 Concen: 13.146 ug/l
 RT: 10.353 min Scan# 1428
 Delta R.T. 0.047 min
 Lab File: VN085068.D
 Acq: 02 Dec 2024 14:30

Tgt Ion: 75 Resp: 38650
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 31.8 37.6 56.4#

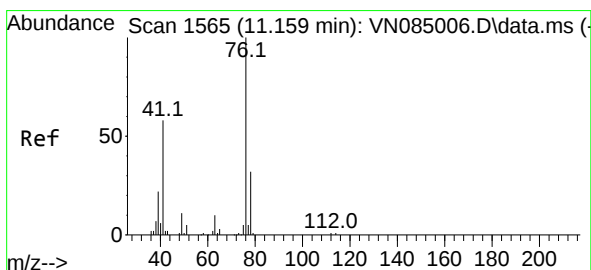
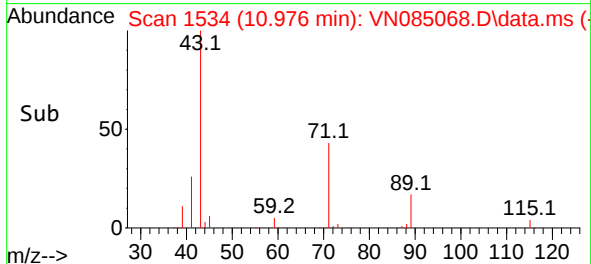
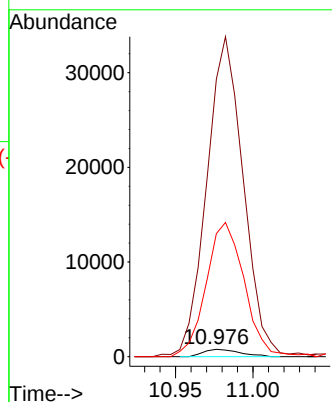
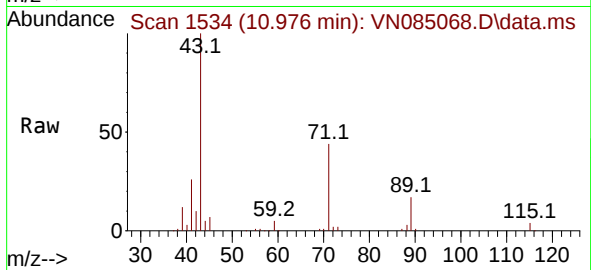




#56
Ethyl methacrylate
Concen: 0.521 ug/l
RT: 10.976 min Scan# 1534
Delta R.T. 0.106 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

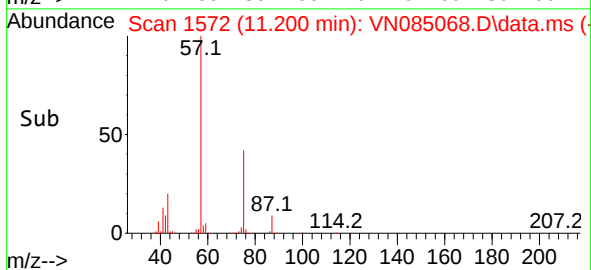
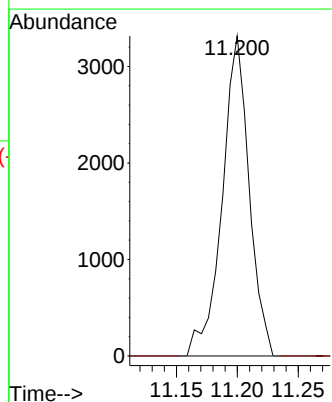
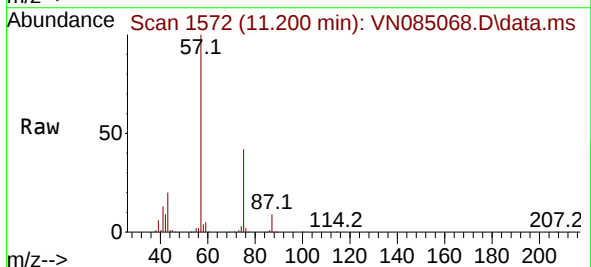
Instrument :
MSVOA_N
ClientSampleId :

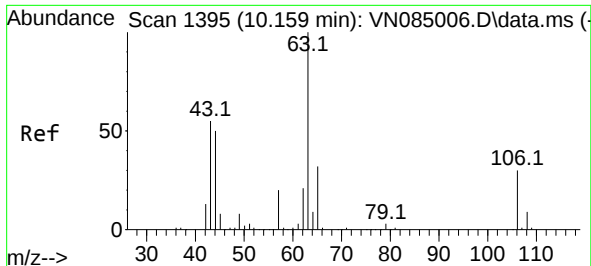
Tgt Ion: 69 Resp: 1279
Ion Ratio Lower Upper
69 100
41 4351.4 50.0 75.0#
39 1898.9 27.0 40.6#



#57
1,3-Dichloropropane
Concen: 1.725 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 76 Resp: 5102
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

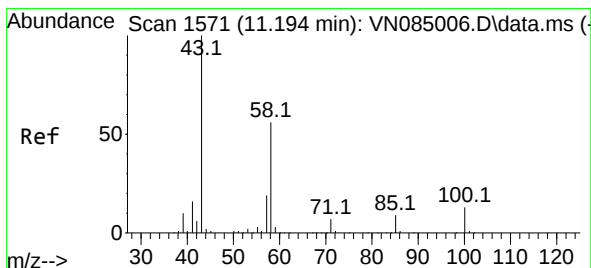
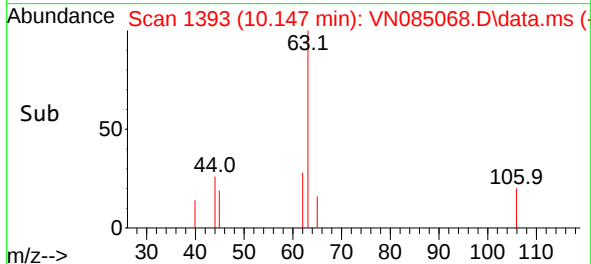
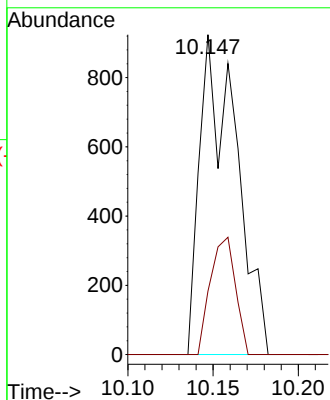
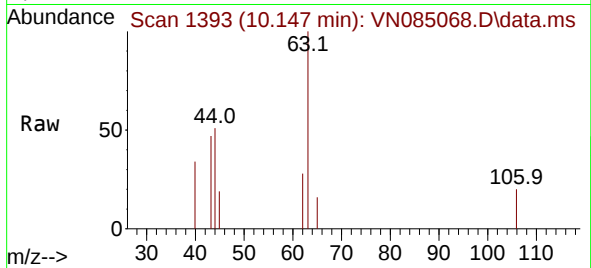




#58
2-Chloroethyl Vinyl ether
Concen: 1.143 ug/l
RT: 10.147 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

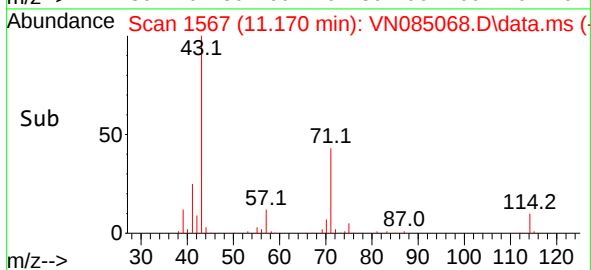
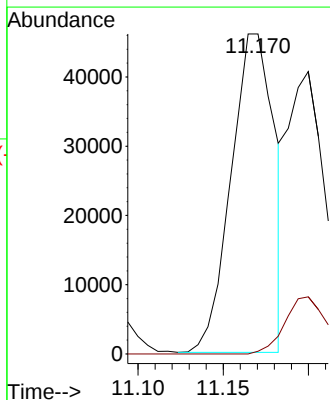
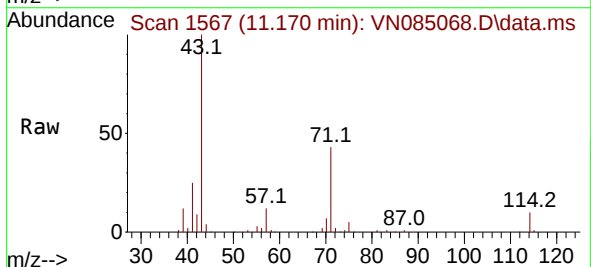
Instrument :
MSVOA_N
ClientSampleId :

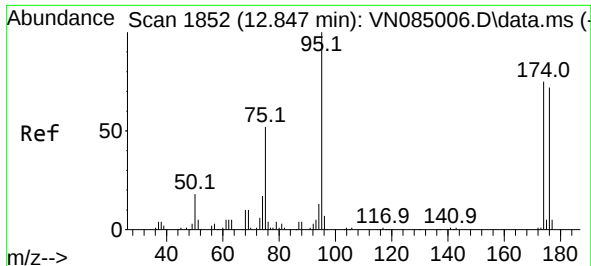
Tgt Ion: 63 Resp: 1377
Ion Ratio Lower Upper
63 100
106 25.2 23.0 34.6



#59
2-Hexanone
Concen: 52.191 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 43 Resp: 81123
Ion Ratio Lower Upper
43 100
58 0.0 28.3 85.0#

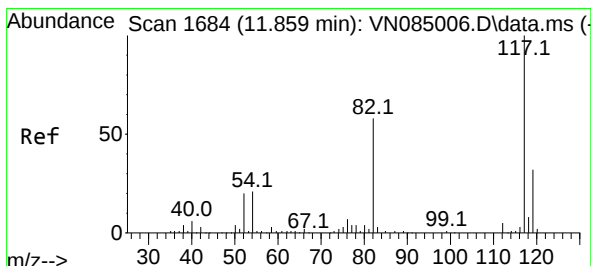
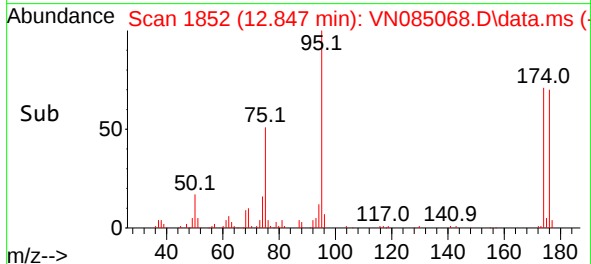
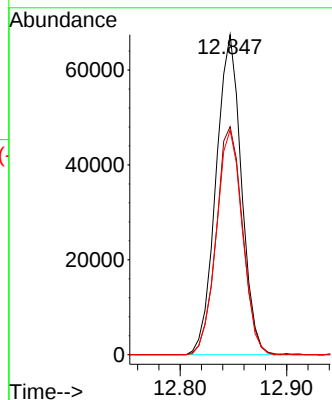
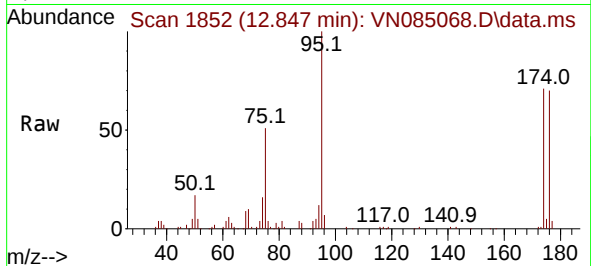




#62
4-Bromofluorobenzene
Concen: 46.720 ug/l
RT: 12.847 min Scan# 111387
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

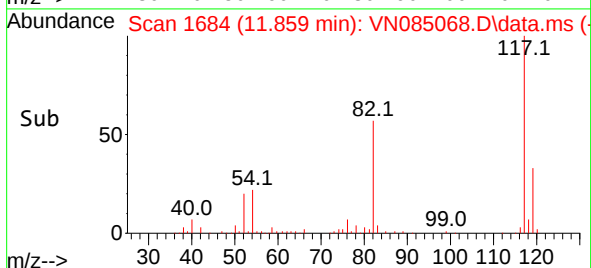
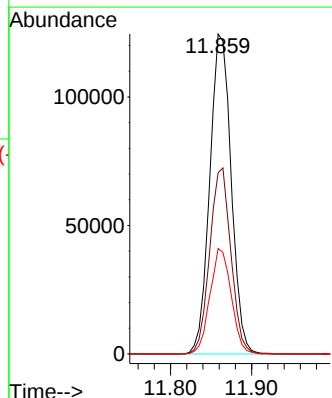
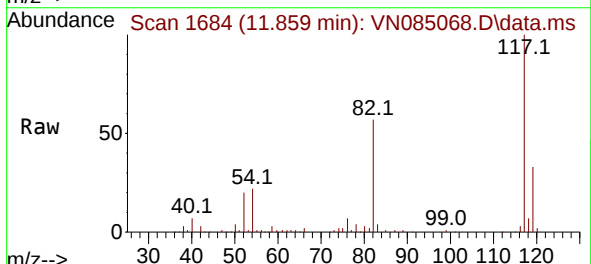
Instrument :
MSVOA_N
ClientSampleId :

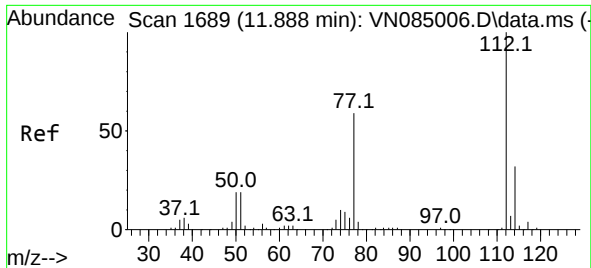
Tgt Ion: 95 Resp: 111387
Ion Ratio Lower Upper
95 100
174 74.0 0.0 146.6
176 72.2 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 117 Resp: 228181
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 33.0 25.6 38.4

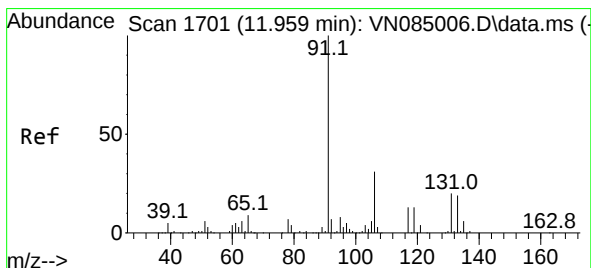
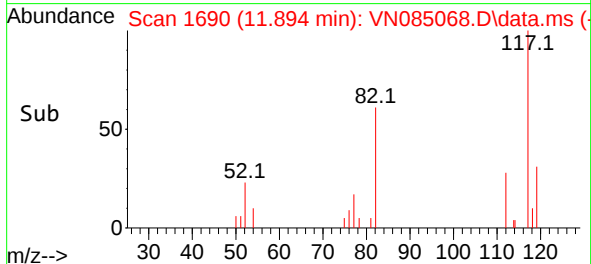
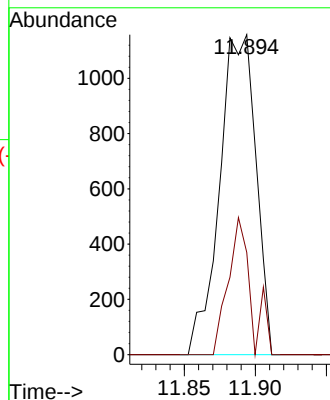
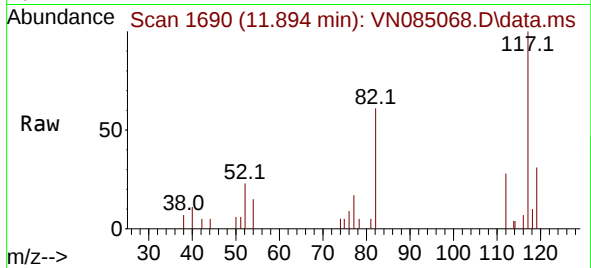




#65
Chlorobenzene
Concen: 0.398 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

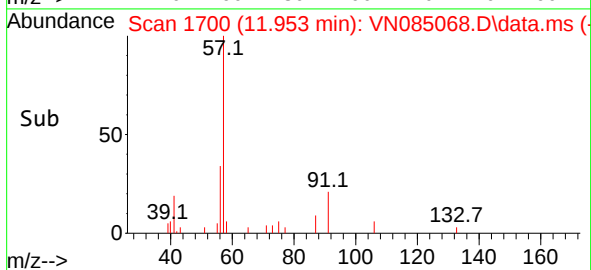
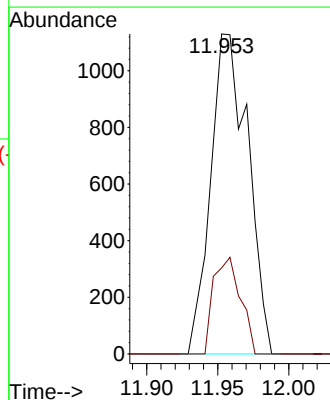
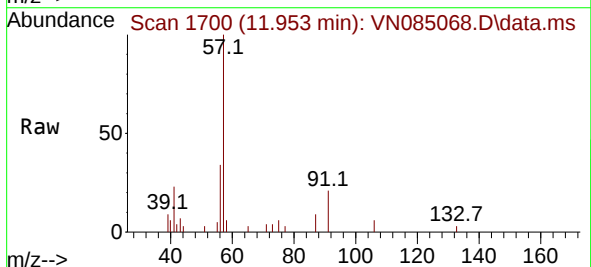
Instrument :
MSVOA_N
ClientSampleId :

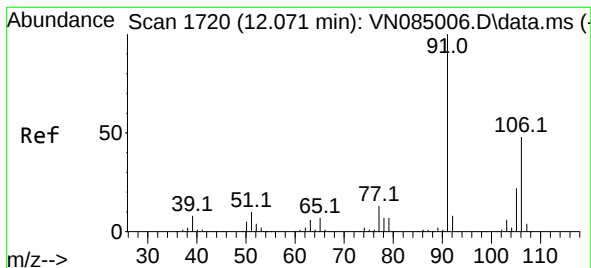
Tgt Ion:112 Resp: 2060
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#67
Ethyl Benzene
Concen: 0.246 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 91 Resp: 2062
Ion Ratio Lower Upper
91 100
106 26.9 24.7 37.1

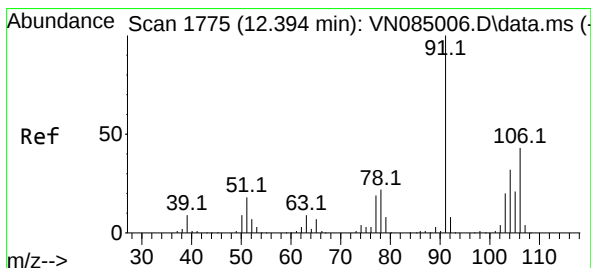
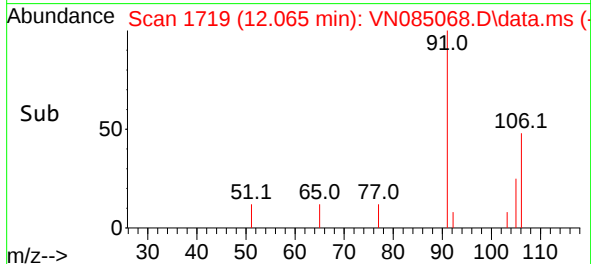
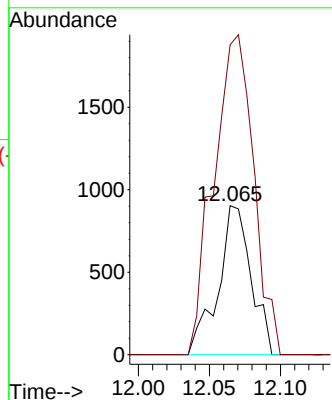
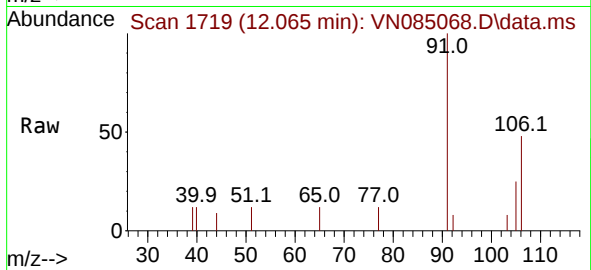




#68
m/p-Xylenes
Concen: 0.457 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

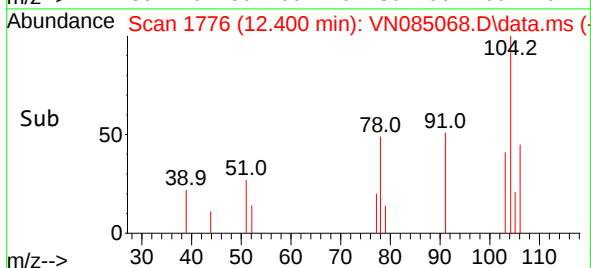
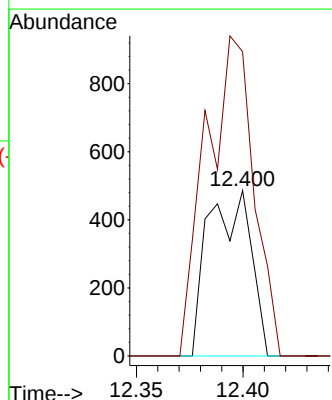
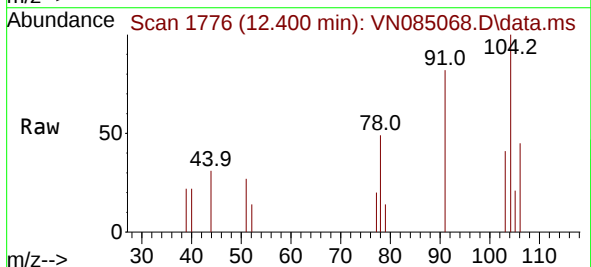
Instrument :
MSVOA_N
ClientSampleId :

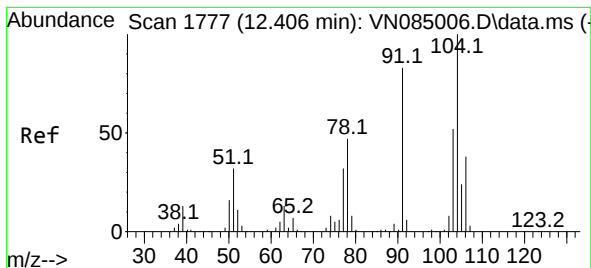
Tgt Ion:106 Resp: 1460
Ion Ratio Lower Upper
106 100
91 260.1 168.0 252.0#



#69
o-Xylene
Concen: 0.223 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion:106 Resp: 678
Ion Ratio Lower Upper
106 100
91 215.5 110.7 331.9





#70

Styrene

Concen: 0.454 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

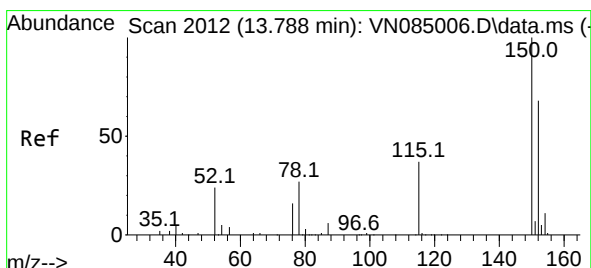
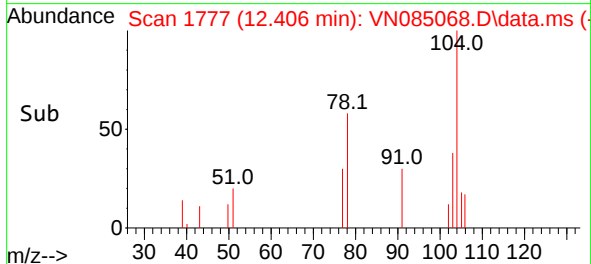
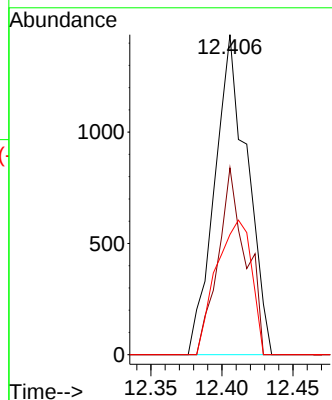
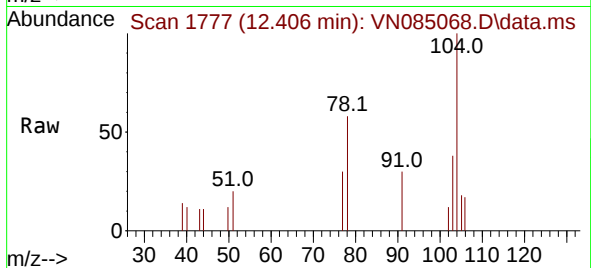
Tgt Ion:104 Resp: 2297

Ion Ratio Lower Upper

104 100

78 49.7 42.3 63.5

103 45.5 44.2 66.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

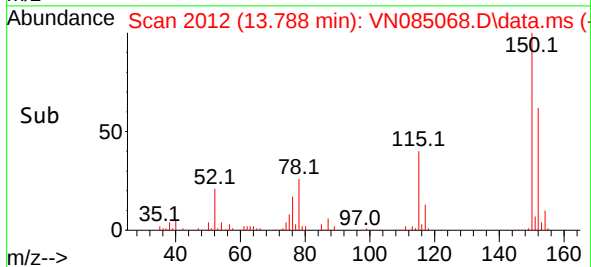
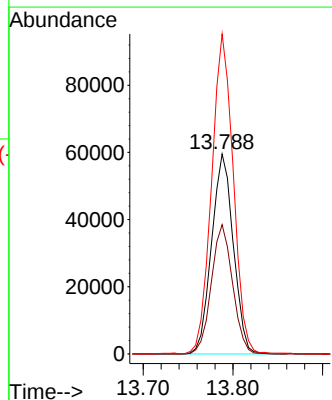
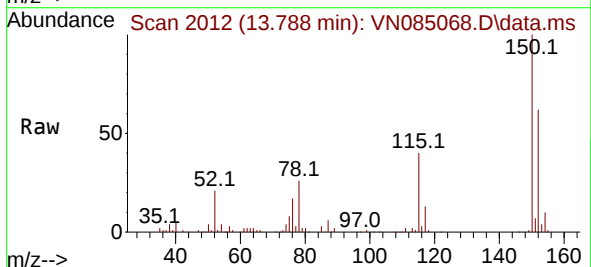
Tgt Ion:152 Resp: 100078

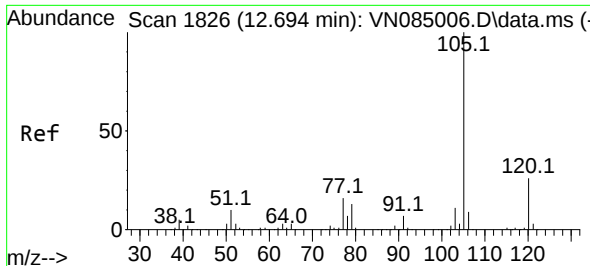
Ion Ratio Lower Upper

152 100

115 63.1 31.7 95.1

150 159.4 0.0 351.4

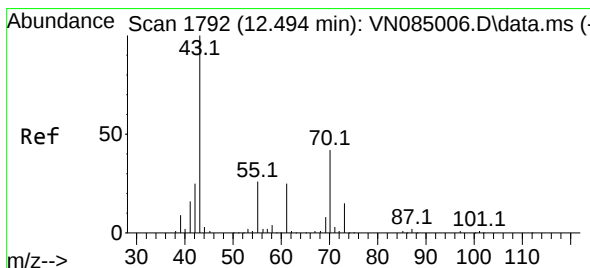
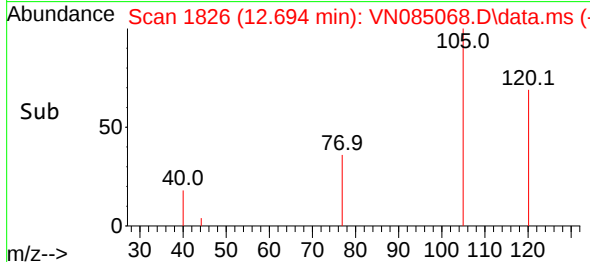
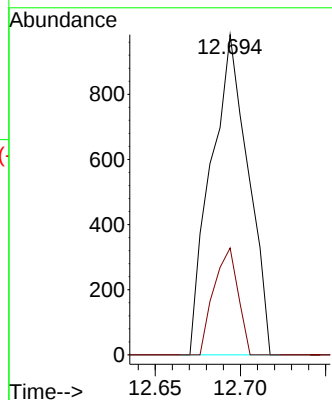
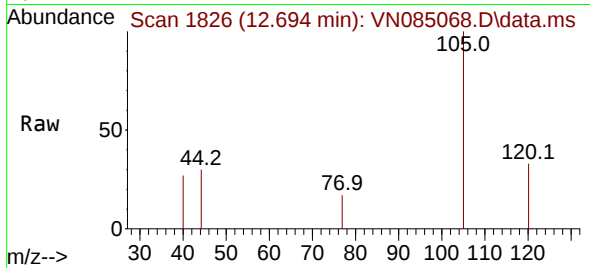




#73
Isopropylbenzene
Concen: 0.212 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

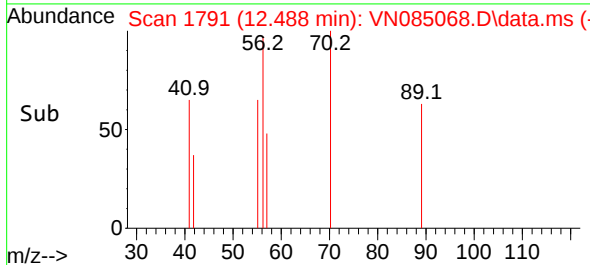
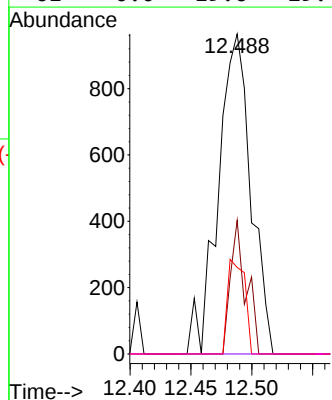
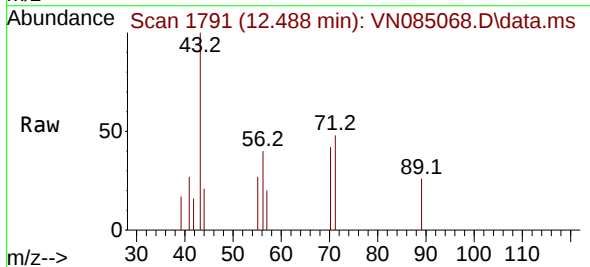
Instrument :
MSVOA_N
ClientSampleId :

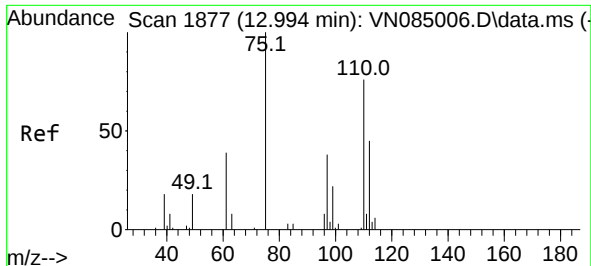
Tgt Ion:105 Resp: 1494
Ion Ratio Lower Upper
105 100
120 21.7 13.0 39.0



#74
N-ethyl acetate
Concen: 0.621 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
70 19.8 34.6 51.8#
55 15.4 20.5 30.7#
61 0.0 19.6 29.4#

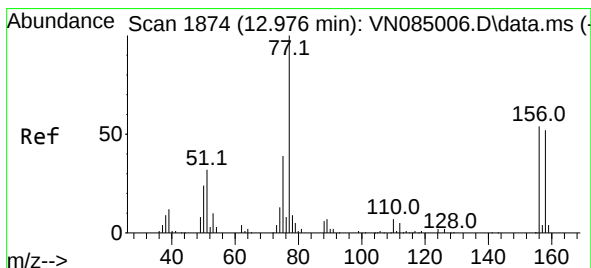
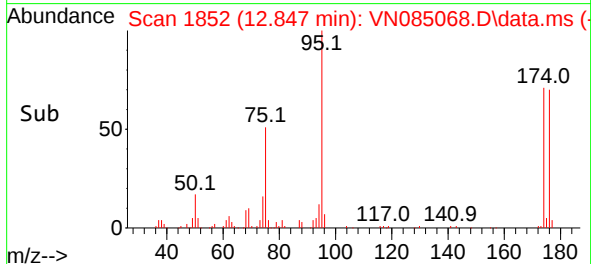
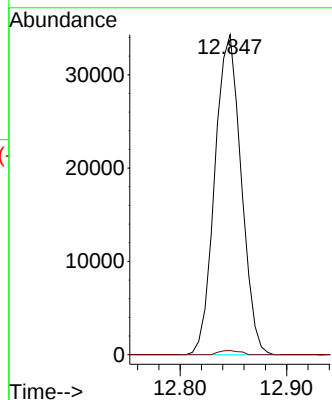
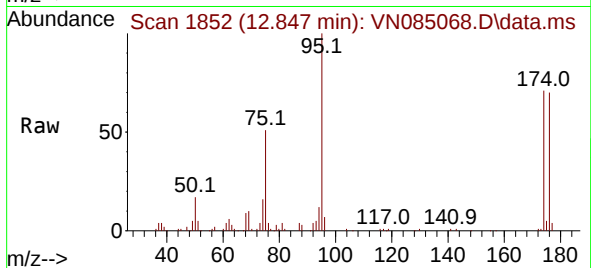




#76
1,2,3-Trichloropropane
Concen: 32.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

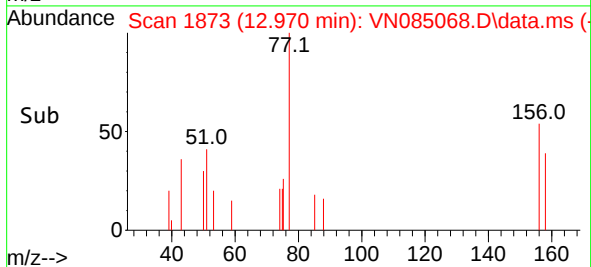
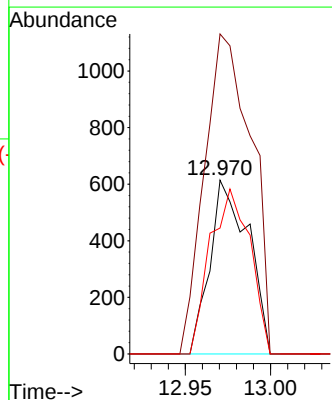
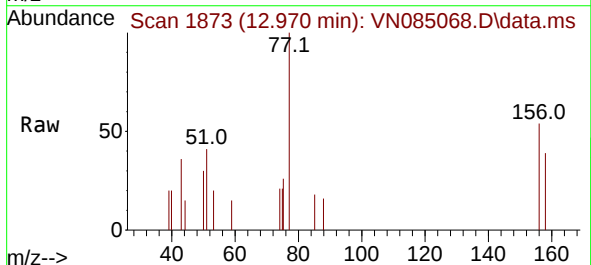
Instrument :
MSVOA_N
ClientSampleId :

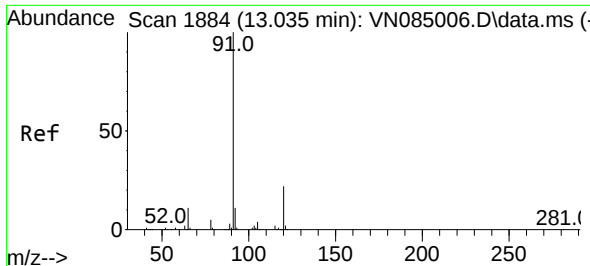
Tgt Ion: 75 Resp: 58873
Ion Ratio Lower Upper
75 100
77 1.0 109.1 327.4#



#77
Bromobenzene
Concen: 0.506 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion:156 Resp: 962
Ion Ratio Lower Upper
156 100
77 223.8 107.2 321.6
158 98.8 48.5 145.6

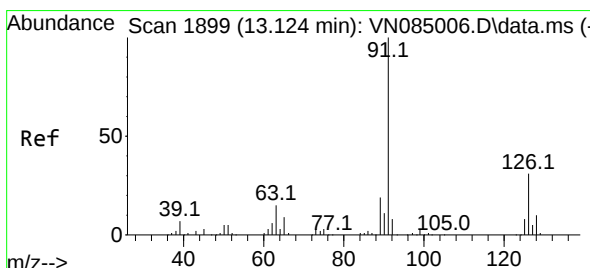
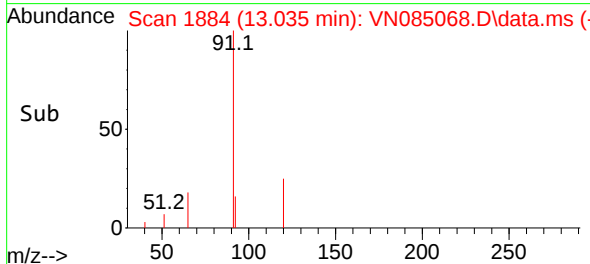
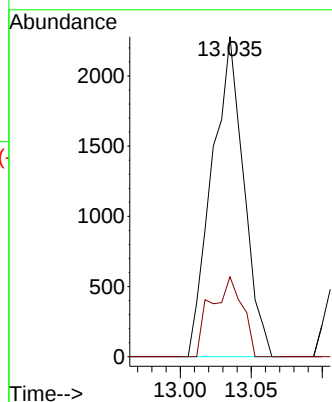
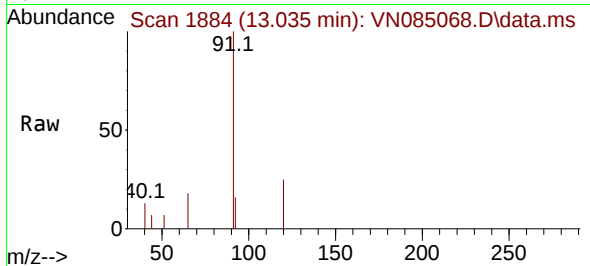




#78
n-propylbenzene
Concen: 0.437 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

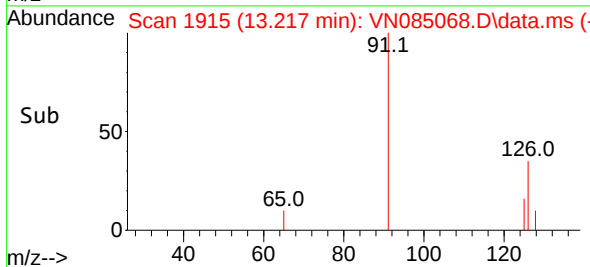
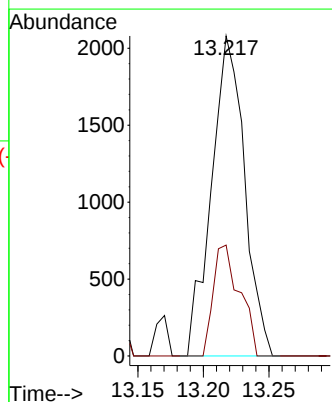
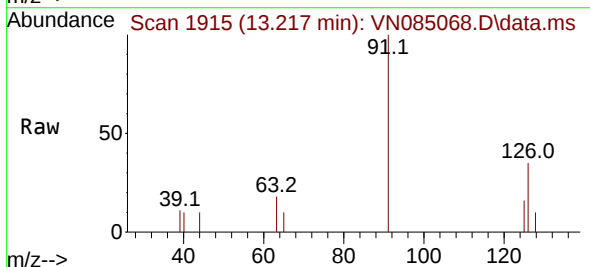
Instrument :
MSVOA_N
ClientSampleId :

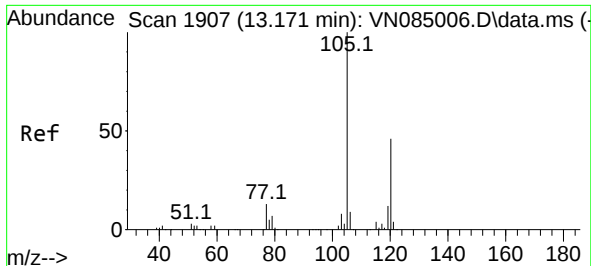
Tgt Ion: 91 Resp: 3556
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.9



#79
2-Chlorotoluene
Concen: 0.671 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.094 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 91 Resp: 3650
Ion Ratio Lower Upper
91 100
126 27.7 16.1 48.3

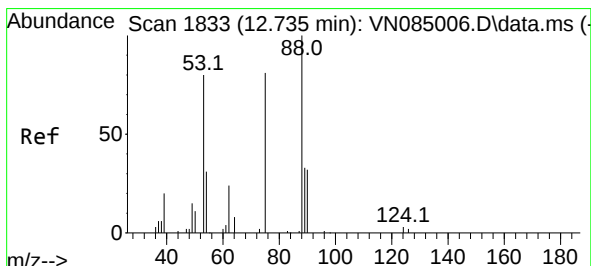
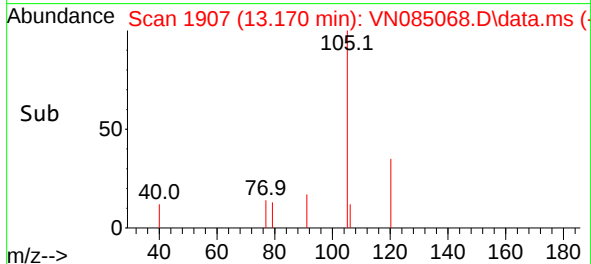
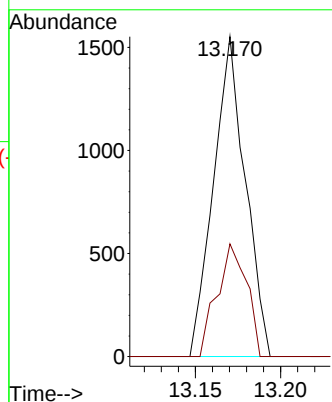
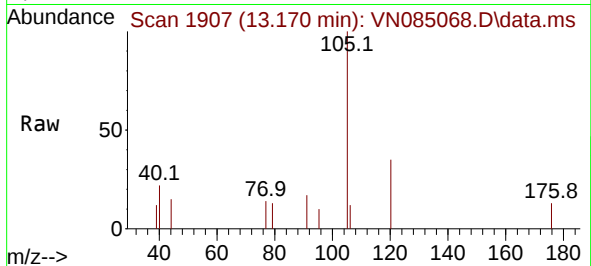




#80
1,3,5-Trimethylbenzene
Concen: 0.340 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

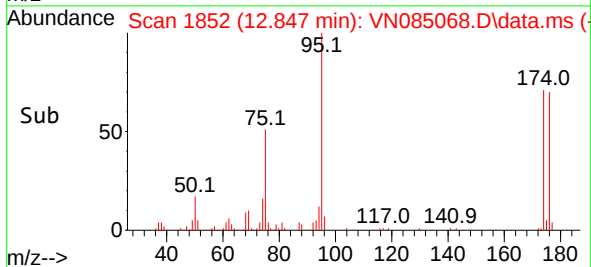
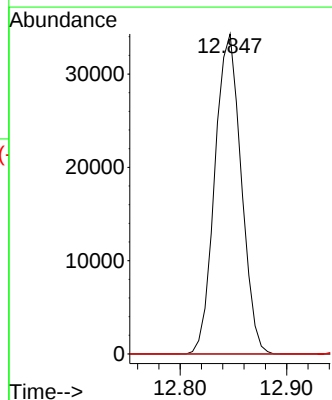
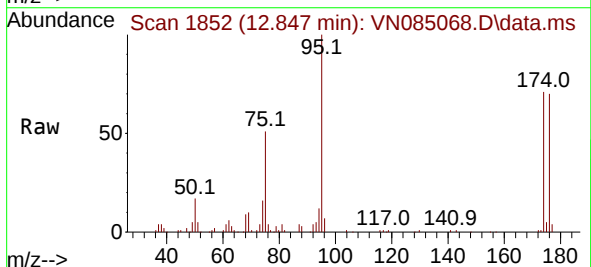
Instrument :
MSVOA_N
ClientSampleId :

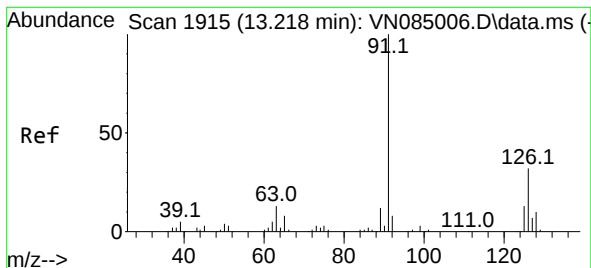
Tgt Ion:105 Resp: 2015
Ion Ratio Lower Upper
105 100
120 32.8 23.6 71.0



#81
trans-1,4-Dichloro-2-butene
Concen: 71.397 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 75 Resp: 58873
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

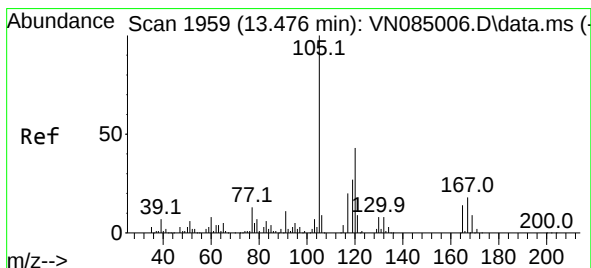
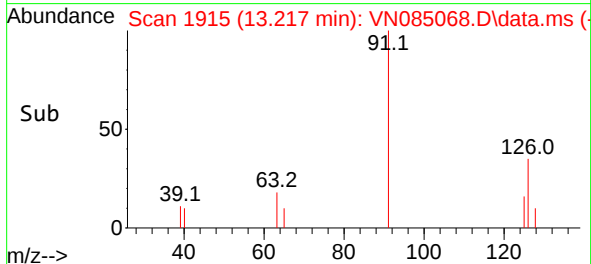
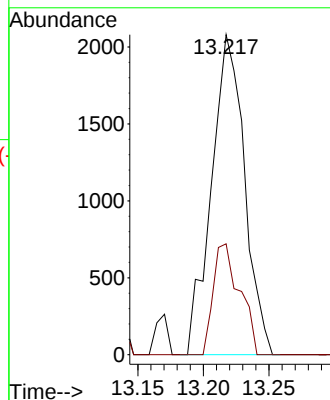
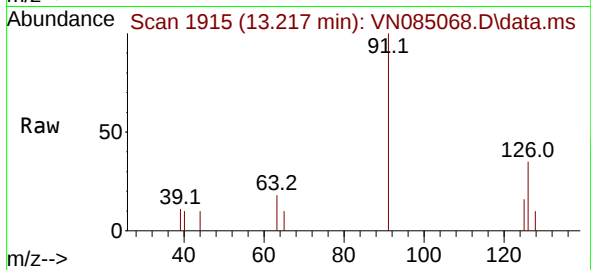




#82
4-Chlorotoluene
Concen: 0.645 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

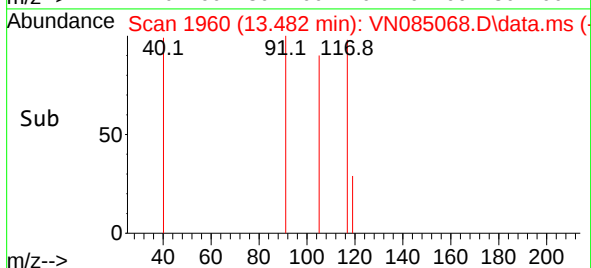
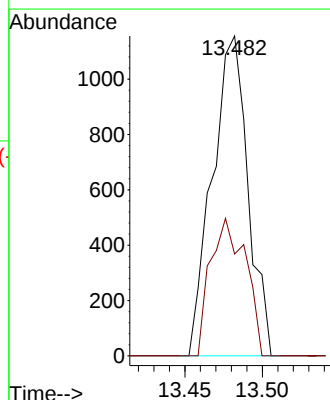
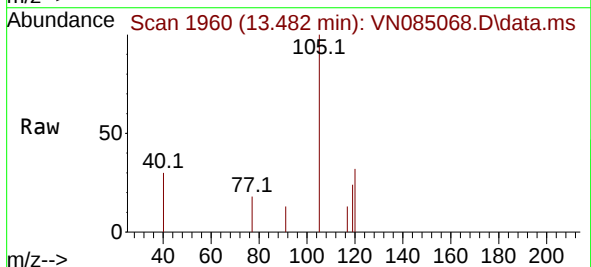
Instrument :
MSVOA_N
ClientSampleId :

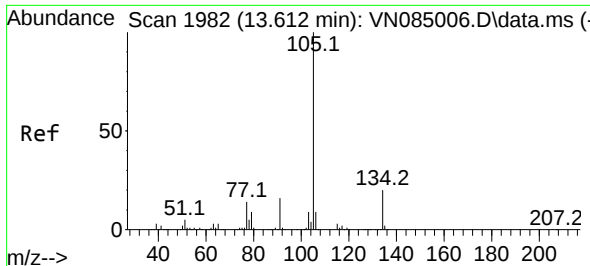
Tgt Ion: 91 Resp: 3650
Ion Ratio Lower Upper
91 100
126 27.7 16.1 48.3



#84
1,2,4-Trimethylbenzene
Concen: 0.303 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion: 105 Resp: 1850
Ion Ratio Lower Upper
105 100
120 42.4 21.8 65.4

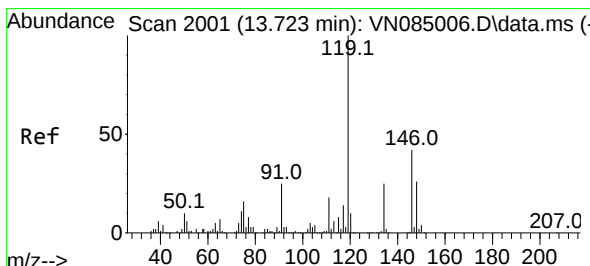
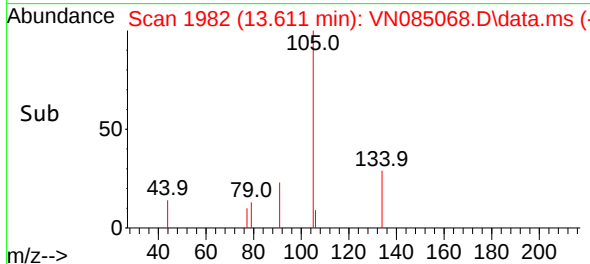
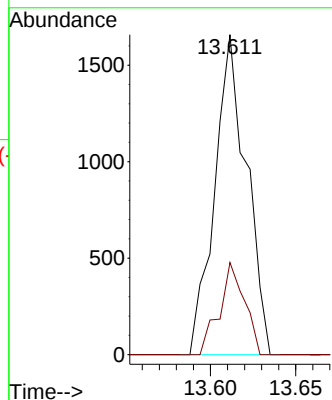
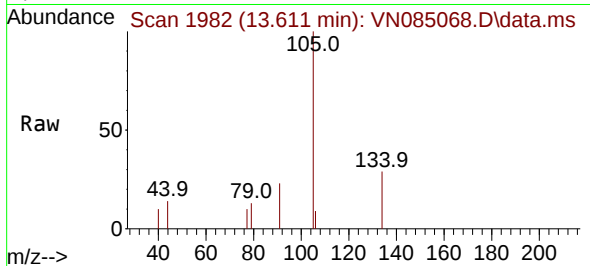




#85
 sec-Butylbenzene
 Concen: 0.313 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085068.D
 Acq: 02 Dec 2024 14:30

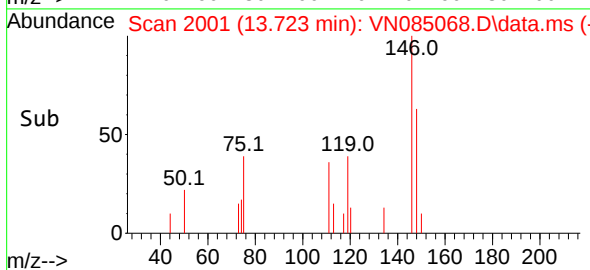
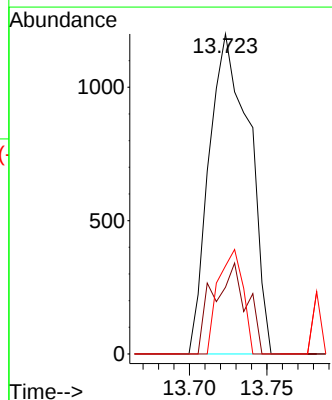
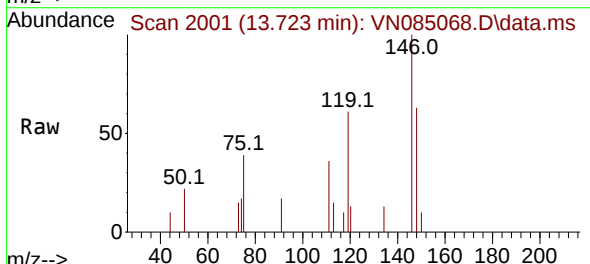
Instrument :
 MSVOA_N
 ClientSampleId :

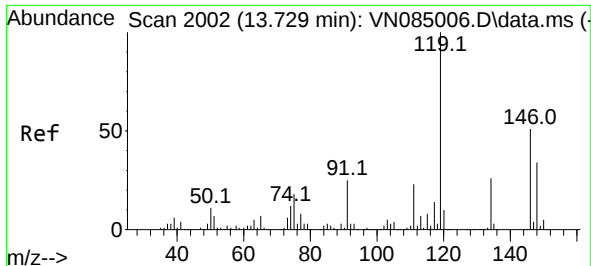
Tgt Ion:105 Resp: 2157
 Ion Ratio Lower Upper
 105 100
 134 22.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.379 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN085068.D
 Acq: 02 Dec 2024 14:30

Tgt Ion:119 Resp: 2156
 Ion Ratio Lower Upper
 119 100
 134 23.5 13.0 39.0
 91 20.2 12.8 38.4

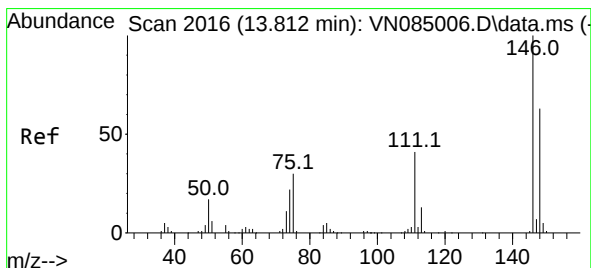
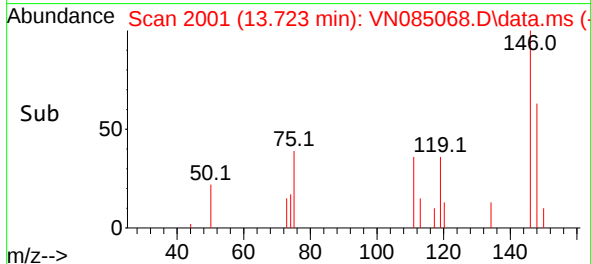
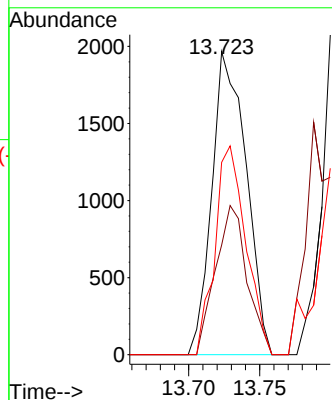
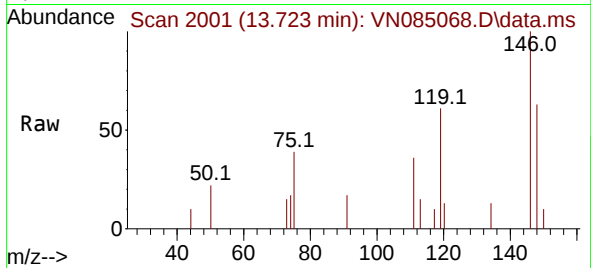




#87
1,3-Dichlorobenzene
Concen: 0.881 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

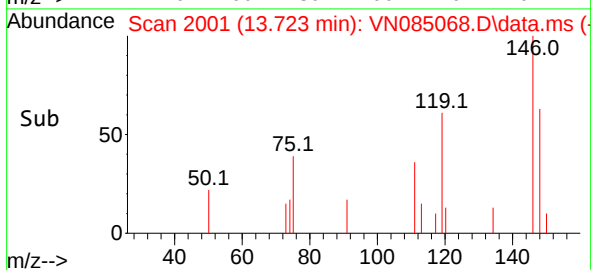
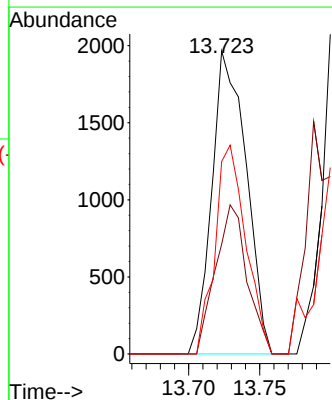
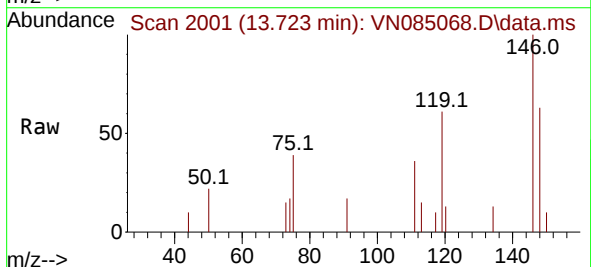
Instrument :
MSVOA_N
ClientSampleId :

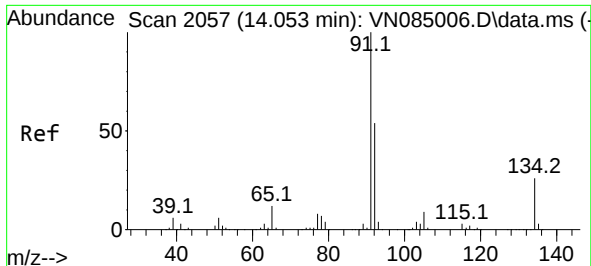
Tgt Ion:146 Resp: 3302
Ion Ratio Lower Upper
146 100
111 45.4 21.6 65.0
148 62.0 32.2 96.6



#88
1,4-Dichlorobenzene
Concen: 0.863 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.088 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

Tgt Ion:146 Resp: 3302
Ion Ratio Lower Upper
146 100
111 45.4 20.9 62.8
148 62.0 31.3 93.9





#89

n-Butylbenzene

Concen: 0.729 ug/l

RT: 14.047 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VN085068.D

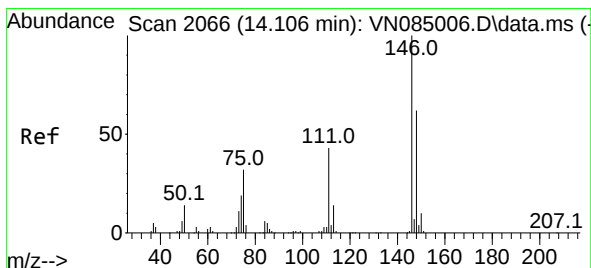
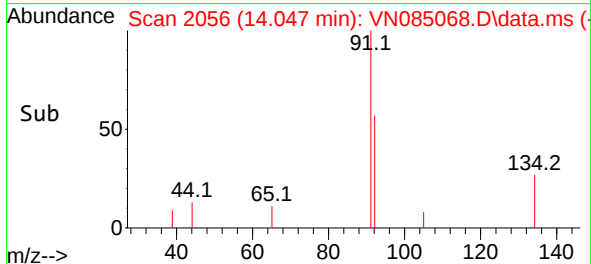
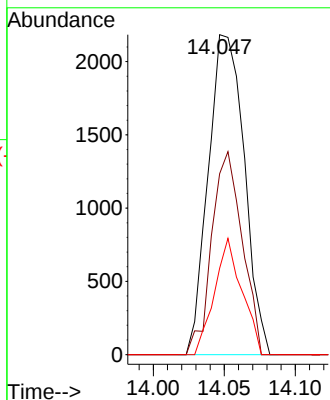
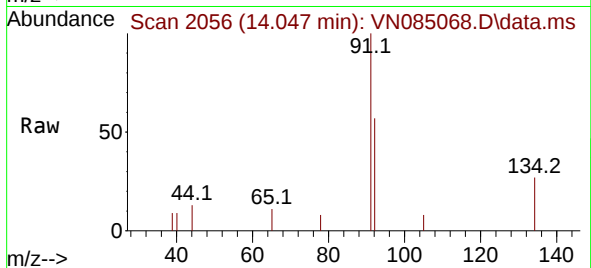
Acq: 02 Dec 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp:	3854
Ion Ratio	Lower	Upper
91	100	
92	53.7	26.8 80.3
134	27.7	12.8 38.4



#91

1,2-Dichlorobenzene

Concen: 0.658 ug/l

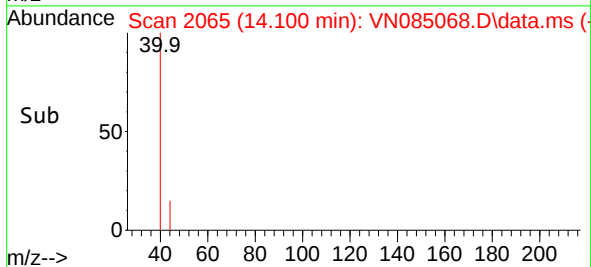
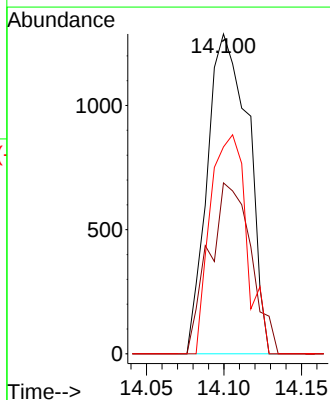
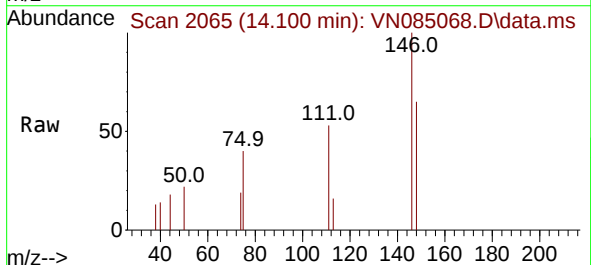
RT: 14.100 min Scan# 2065

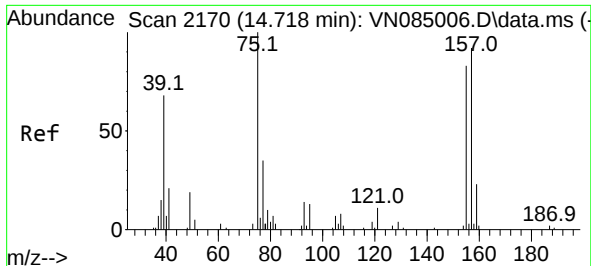
Delta R.T. -0.006 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

Tgt Ion: 146	Resp:	2364
Ion Ratio	Lower	Upper
146	100	
111	55.0	21.9 65.8
148	60.9	31.1 93.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.285 ug/l

RT: 14.706 min Scan# 2168

Delta R.T. -0.012 min

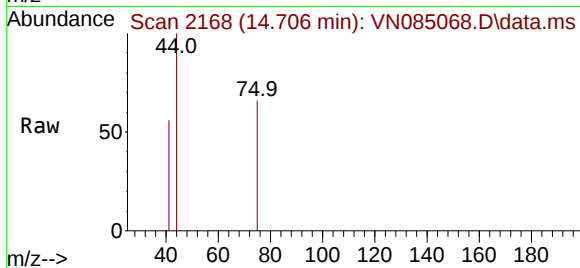
Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :



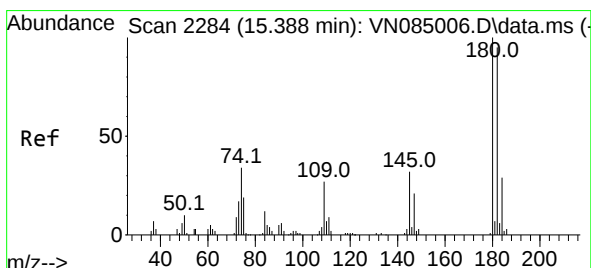
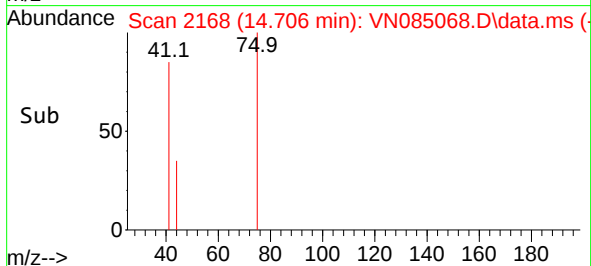
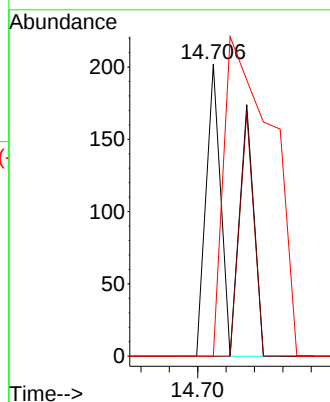
Tgt Ion: 75 Resp: 133

Ion Ratio Lower Upper

75 100

155 45.1 38.9 116.7

157 194.0 48.3 144.9#



#93

1,2,4-Trichlorobenzene

Concen: 1.624 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085068.D

Acq: 02 Dec 2024 14:30

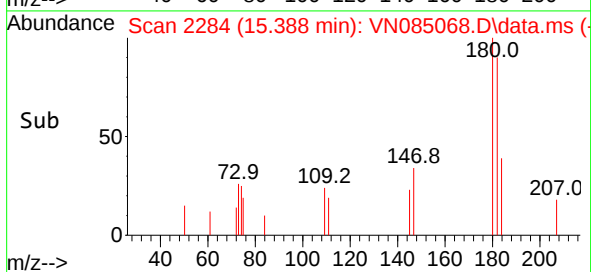
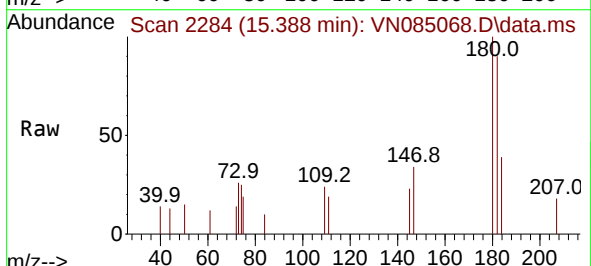
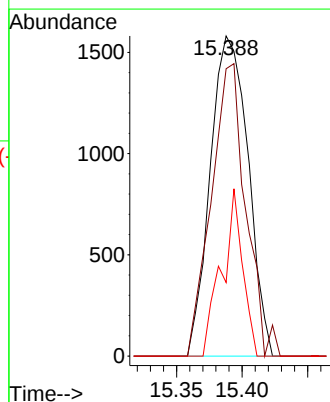
Tgt Ion: 180 Resp: 3169

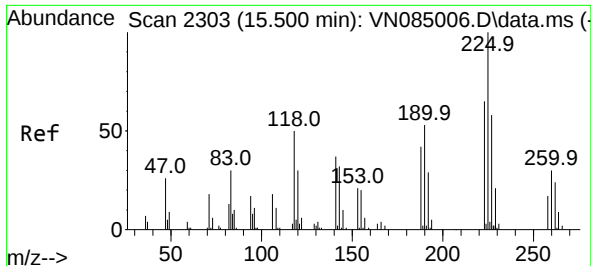
Ion Ratio Lower Upper

180 100

182 83.4 46.9 140.8

145 28.8 16.3 48.8

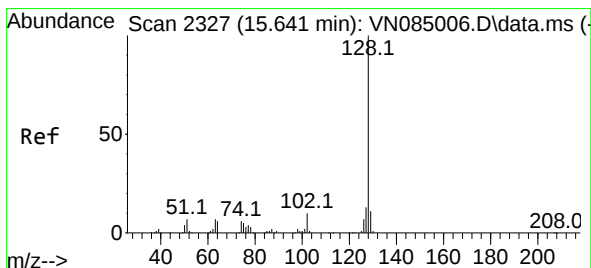
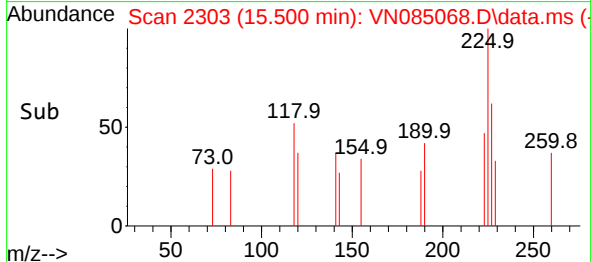
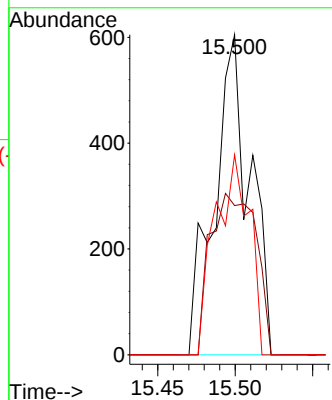
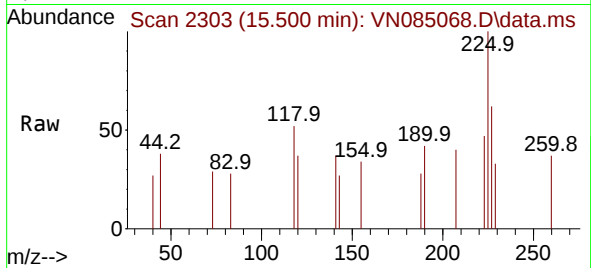




#94
Hexachlorobutadiene
Concen: 1.073 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

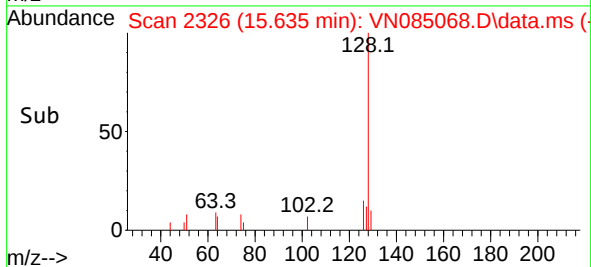
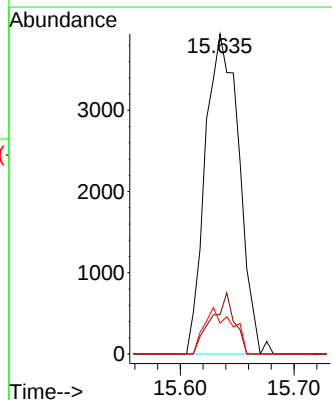
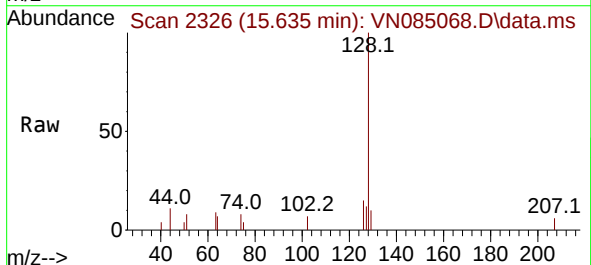
Instrument :
MSVOA_N
ClientSampleId :

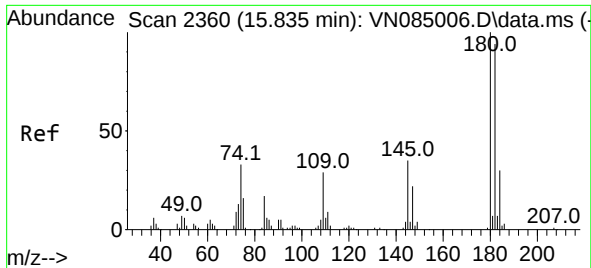
Tgt Ion:225 Resp: 966
Ion Ratio Lower Upper
225 100
223 64.6 30.9 92.8
227 60.5 31.5 94.5



#95
Naphthalene
Concen: 1.463 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085068.D
Acq: 02 Dec 2024 14:30

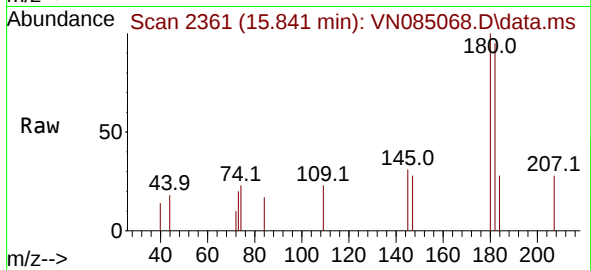
Tgt Ion:128 Resp: 8131
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 12.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.844 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085068.D
 Acq: 02 Dec 2024 14:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 3432
 Ion Ratio Lower Upper
 180 100
 182 88.4 46.4 139.2
 145 13.9 17.3 52.0#

