

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076008.D
 Acq On : 28 Dec 2022 18:32
 Operator : JC\MD
 Sample : N6232-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

Quant Time: Dec 29 04:55:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	402610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	619695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	555390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268552	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195381	44.607	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.220%
35) Dibromofluoromethane	8.171	113	182255	47.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	10.571	98	719809	50.166	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.853	95	245075	51.568	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	80834	130.426	ug/l #	87
13) Acrolein	4.171	56	3005	3.955	ug/l #	1
14) Allyl chloride	4.959	41	2625	0.629	ug/l #	35
15) Acrylonitrile	5.806	53	7309	4.322	ug/l #	30
16) Acetone	4.442	43	679445	450.000	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	498674	42.438	ug/l #	85
20) Methylene Chloride	5.283	84	1012	Below Cal	#	34
25) 2-Butanone	7.494	43	101649	48.081	ug/l	93
28) Bromochloromethane	8.012	49	695	0.235	ug/l #	4
29) Tetrahydrofuran	7.835	42	506	0.382	ug/l #	25
30) Chloroform	7.947	83	8032	1.056	ug/l #	20
31) Cyclohexane	8.265	56	141372	22.537	ug/l	92
36) 1,1-Dichloropropene	8.230	75	28326	5.556	ug/l #	49
37) Ethyl Acetate	7.494	43	101649	24.823	ug/l #	65
38) Carbon Tetrachloride	8.230	117	39931	6.998	ug/l #	16
39) Methylcyclohexane	9.606	83	124589	20.257	ug/l	96
40) Benzene	8.612	78	78417	4.985	ug/l	99
41) Methacrylonitrile	7.841	41	2957	1.389	ug/l #	40
42) 1,2-Dichloroethane	8.677	62	2856	0.546	ug/l #	72
43) Isopropyl Acetate	8.724	43	7462	1.105	ug/l #	50
45) 1,2-Dichloropropane	9.612	63	1932	0.505	ug/l #	1
47) Bromodichloromethane	9.888	83	2493	0.448	ug/l #	25
48) Methyl methacrylate	9.600	41	70381	23.134	ug/l #	56
51) 4-Methyl-2-Pentanone	10.447	43	42188	10.327	ug/l	94
52) Toluene	10.635	92	143861	14.044	ug/l	99
53) t-1,3-Dichloropropene	10.635	75	1853	0.340	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	14786	3.677	ug/l #	20
56) Ethyl methacrylate	10.918	69	2797	0.524	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.159	63	903	0.531	ug/l #	42
59) 2-Hexanone	11.171	43	32041	10.755	ug/l #	20
65) Chlorobenzene	12.047	112	2504	0.220	ug/l #	44
67) Ethyl Benzene	11.970	91	8351988	434.116	ug/l	98
68) m/p-Xylenes	12.082	106	3925110	515.458	ug/l	99
69) o-Xylene	12.400	106	714161	94.771	ug/l	99
70) Styrene	12.406	104	64787	5.407	ug/l #	1
71) Bromoform	12.847	173	1368	0.445	ug/l #	1

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

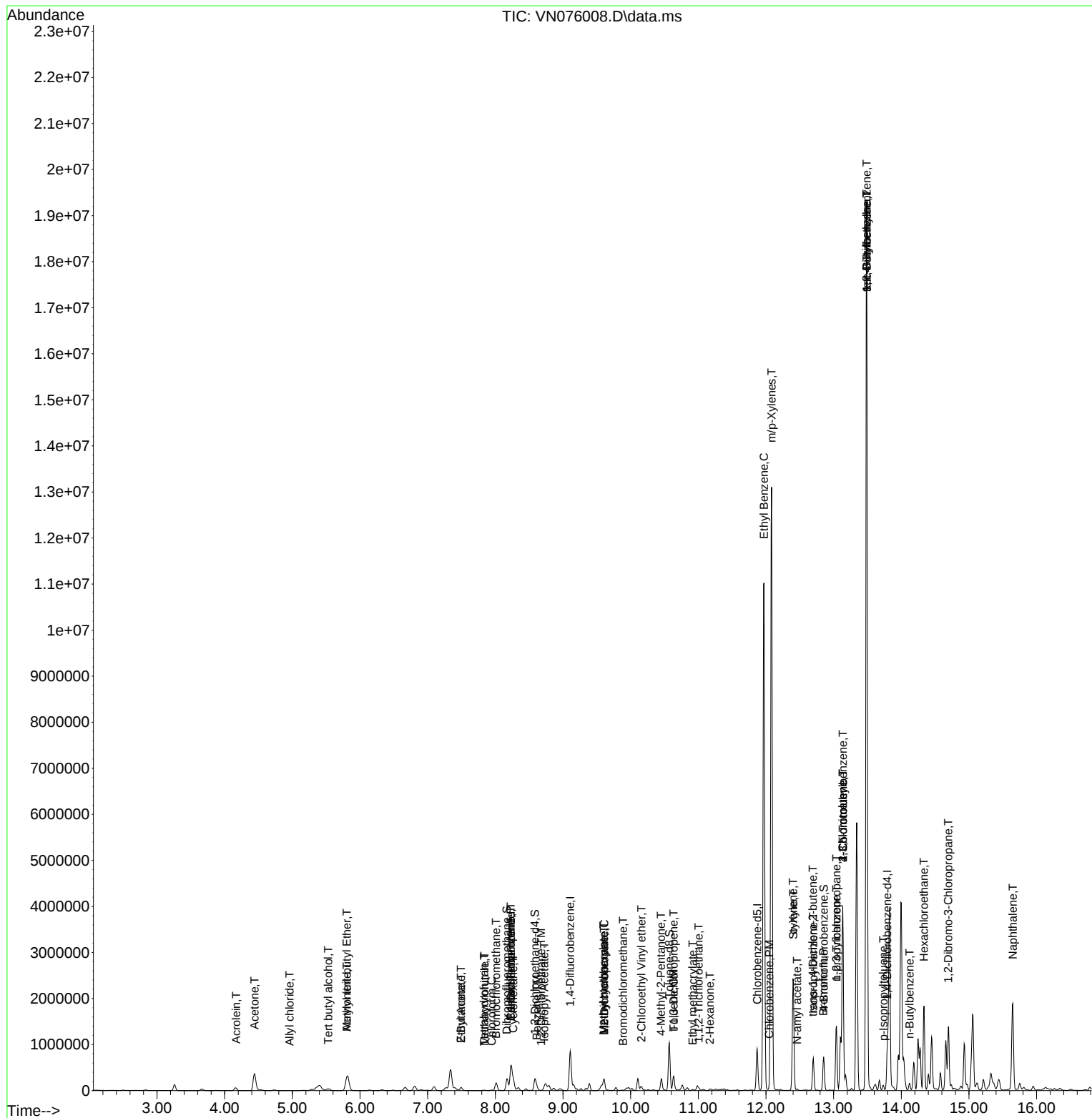
73) Isopropylbenzene	12.700	105	486779	25.083	ug/l	100
74) N-amyl acetate	12.459	43	17432	3.062	ug/l #	44
76) 1,2,3-Trichloropropane	13.041	75	7587	1.402	ug/l #	1
78) n-propylbenzene	13.041	91	1150332	53.742	ug/l	99
79) 2-Chlorotoluene	13.135	91	407729	30.515	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.135	105	3421219	210.635	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.694	75	6102	4.057	ug/l #	71
82) 4-Chlorotoluene	13.135	91	407729	30.515	ug/l #	40
83) tert-Butylbenzene	13.488	119	1318895	92.098	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.488	105	10565565	655.711	ug/l	100
85) sec-Butylbenzene	13.488	105	10565565	534.537	ug/l #	56
86) p-Isopropyltoluene	13.735	119	59680	3.629	ug/l #	78
89) n-Butylbenzene	14.123	91	14191	1.065	ug/l #	1
90) Hexachloroethane	14.335	117	96699	32.868	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.694	75	5325	5.002	ug/l #	1
95) Naphthalene	15.647	128	1844916	122.910	ug/l	100

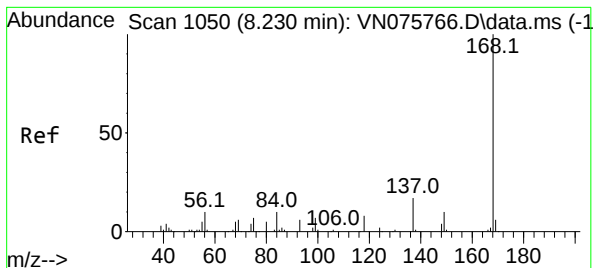
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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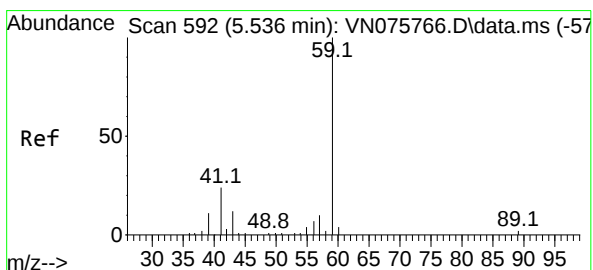
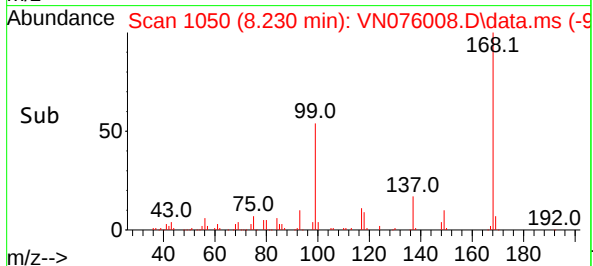
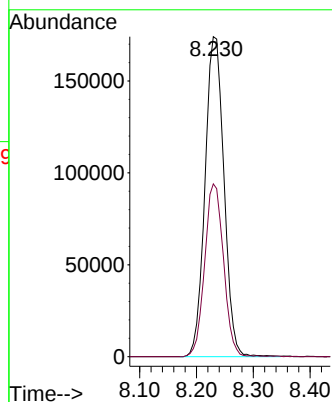
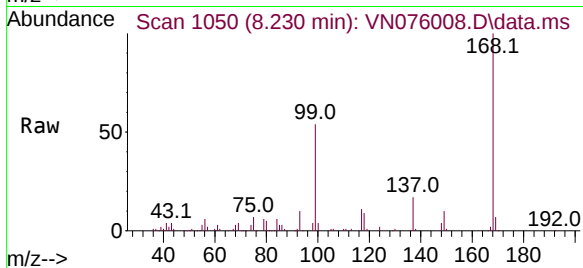




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

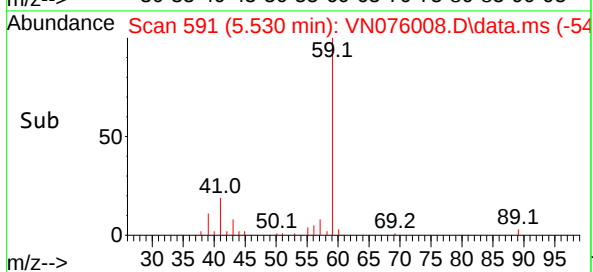
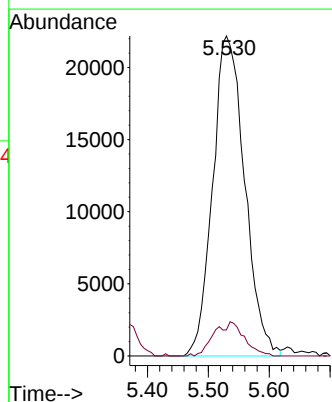
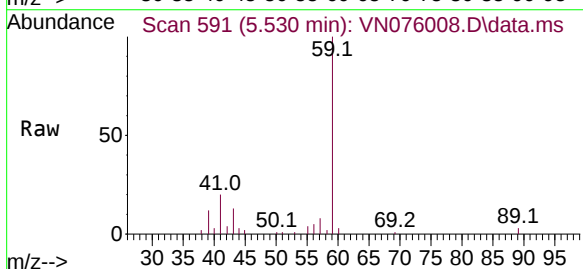
Instrument :
MSVOA_N
ClientSampleId :
MW-10

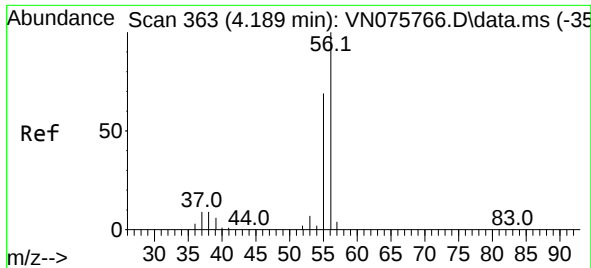
Tgt Ion:168 Resp: 402610
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 130.426 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 59 Resp: 80834
Ion Ratio Lower Upper
59 100
57 5.4 8.2 12.4#





#13

Acrolein

Concen: 3.955 ug/l

RT: 4.171 min Scan# 30

Delta R.T. -0.018 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

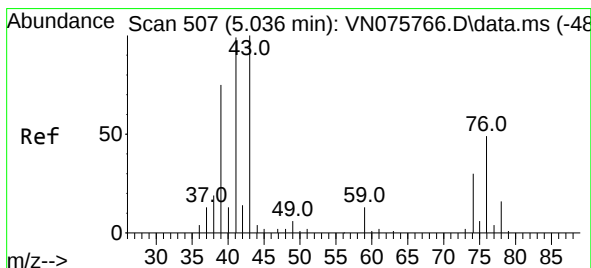
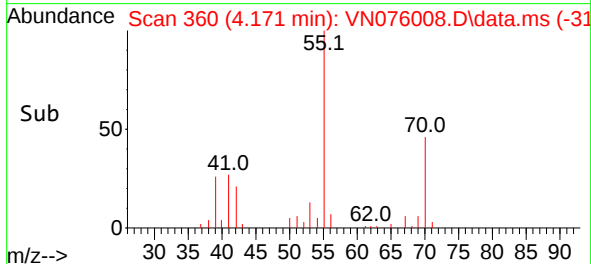
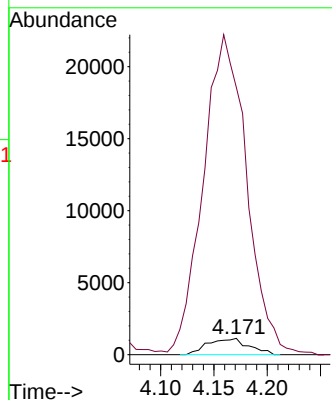
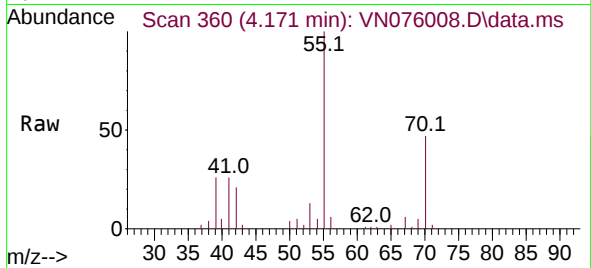
MW-10

Tgt Ion: 56 Resp: 3005

Ion Ratio Lower Upper

56 100

55 2108.6 54.8 82.2#



#14

Allyl chloride

Concen: 0.629 ug/l

RT: 4.959 min Scan# 494

Delta R.T. -0.077 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

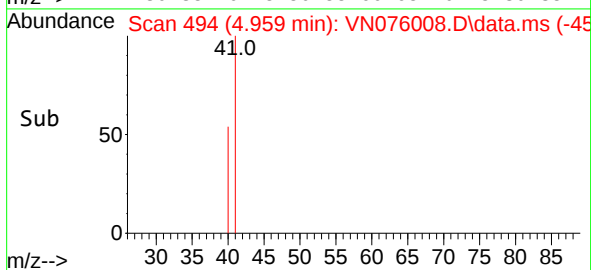
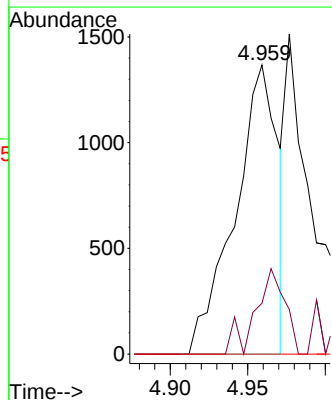
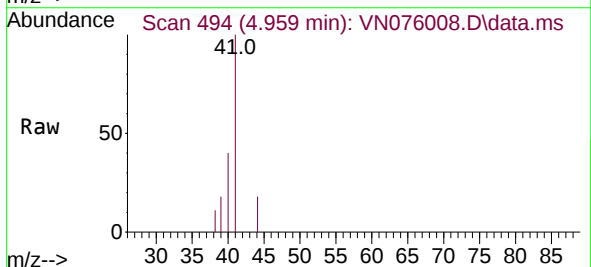
Tgt Ion: 41 Resp: 2625

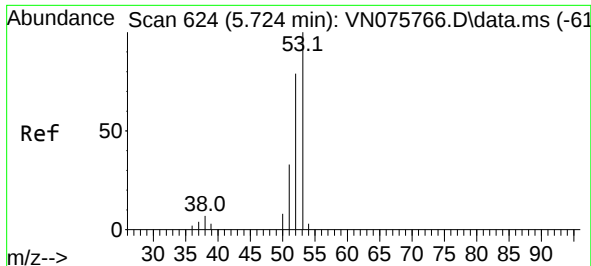
Ion Ratio Lower Upper

41 100

39 20.5 58.3 87.5#

76 0.0 35.8 53.6#

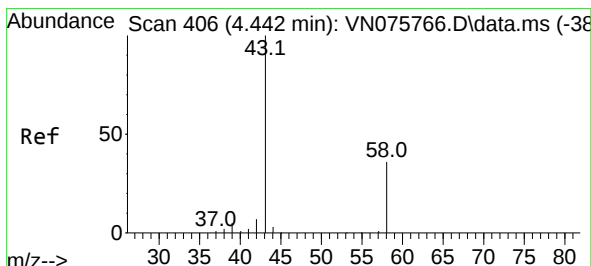
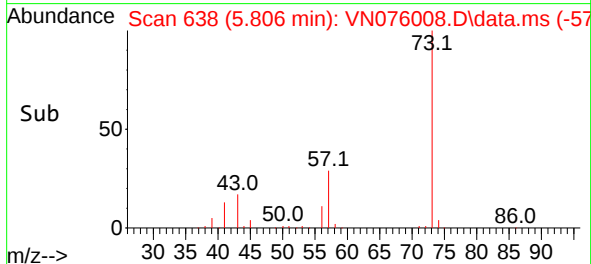
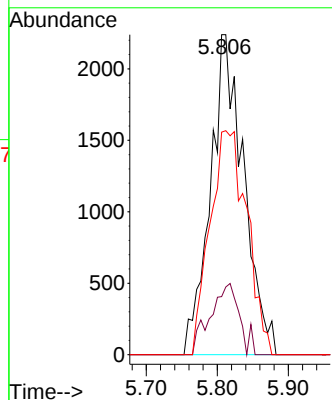
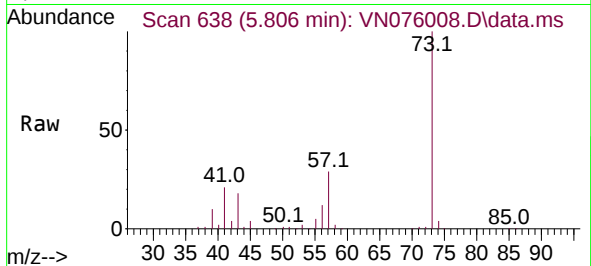




#15
Acrylonitrile
Concen: 4.322 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.082 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

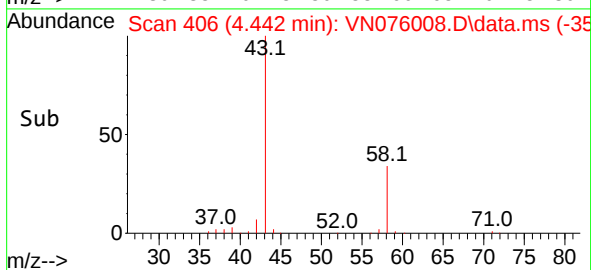
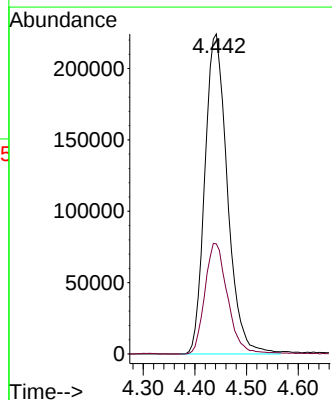
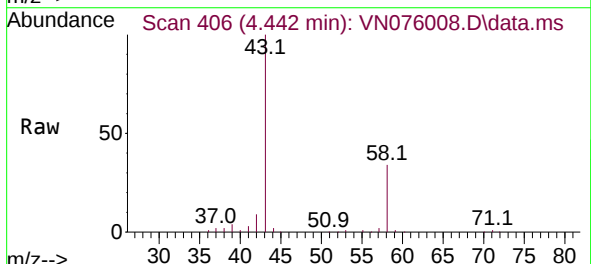
Instrument :
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ClientSampleId :
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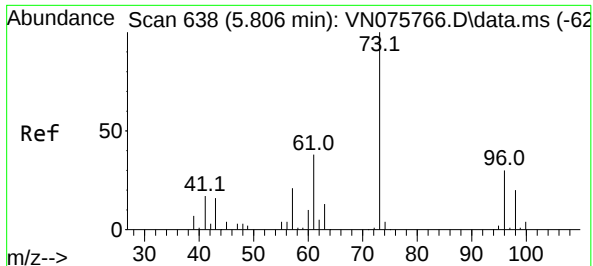
Tgt Ion: 53 Resp: 7309
Ion Ratio Lower Upper
53 100
52 19.4 65.4 98.0#
51 77.6 28.9 43.3#



#16
Acetone
Concen: 450.000 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 43 Resp: 679445
Ion Ratio Lower Upper
43 100
58 34.4 28.6 43.0

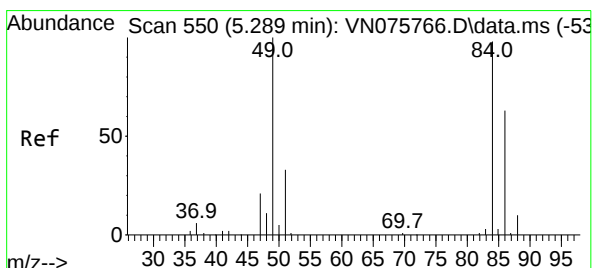
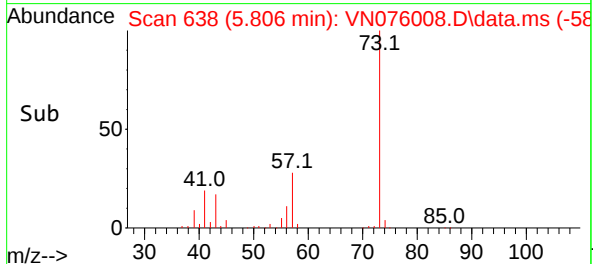
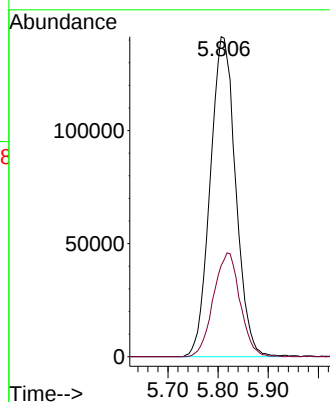
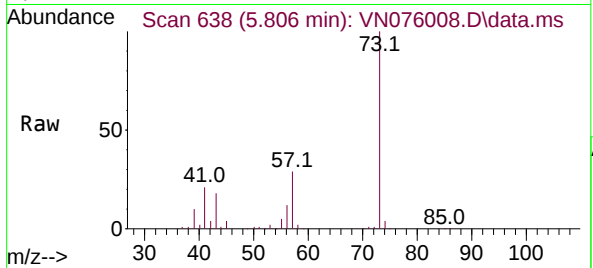




#19
Methyl tert-butyl Ether
Concen: 42.438 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

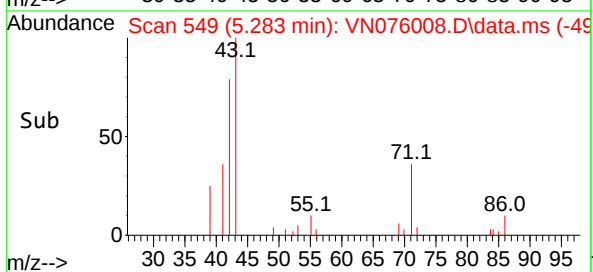
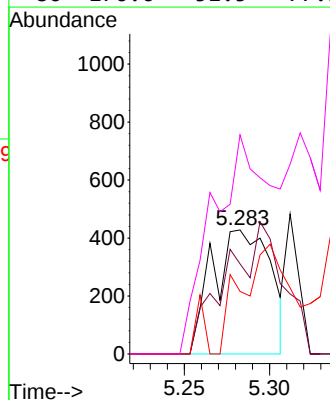
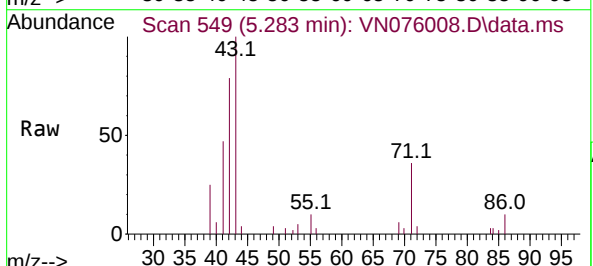
Instrument :
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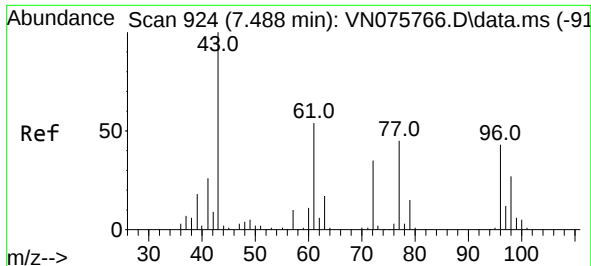
Tgt Ion: 73 Resp: 498674
Ion Ratio Lower Upper
73 100
57 28.5 17.1 25.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 84 Resp: 1012
Ion Ratio Lower Upper
84 100
49 72.7 81.8 122.6#
51 50.5 26.7 40.1#
86 176.6 51.5 77.3#





#25

2-Butanone

Concen: 48.081 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

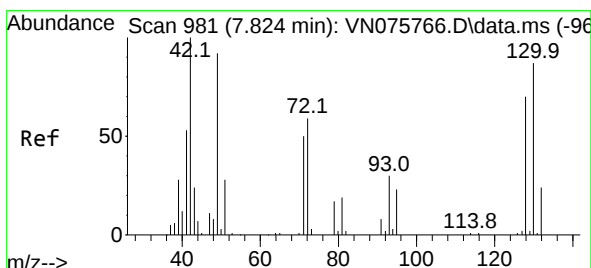
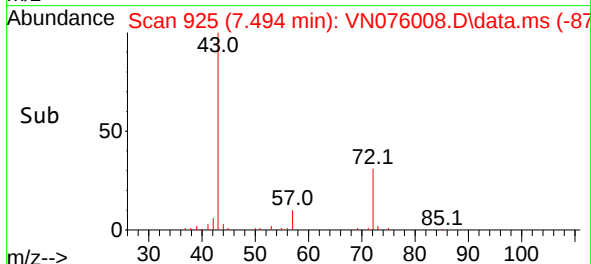
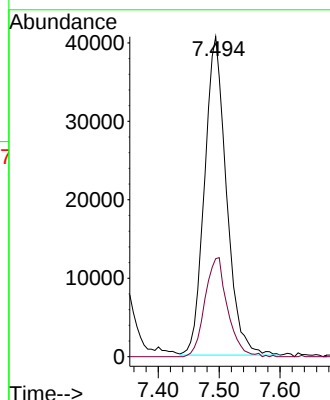
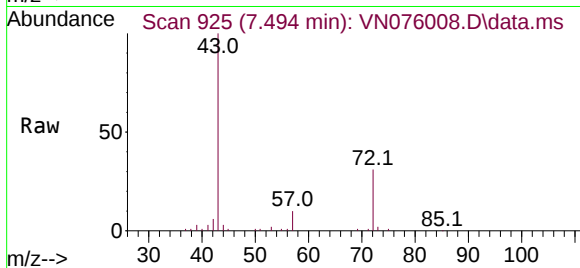
MW-10

Tgt Ion: 43 Resp: 101649

Ion Ratio Lower Upper

43 100

72 30.8 28.0 42.0



#28

Bromochloromethane

Concen: 0.235 ug/l

RT: 8.012 min Scan# 1013

Delta R.T. 0.188 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

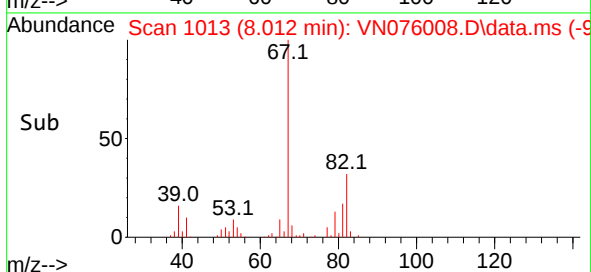
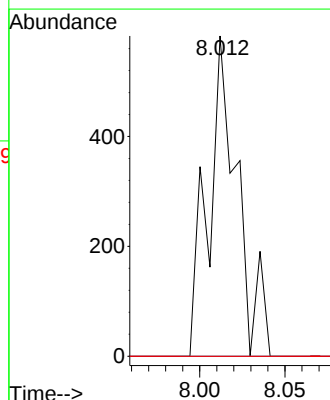
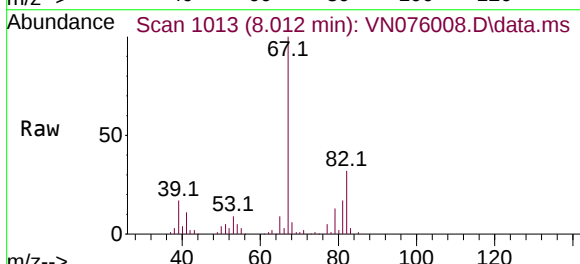
Tgt Ion: 49 Resp: 695

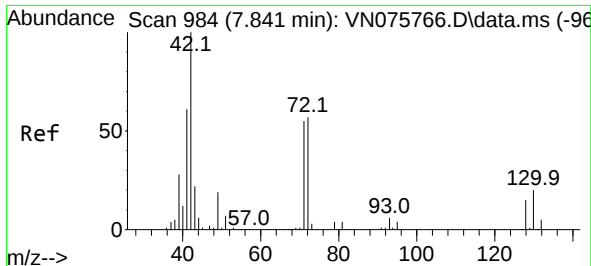
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 0.0 77.0 115.4#





#29

Tetrahydrofuran

Concen: 0.382 ug/l

RT: 7.835 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

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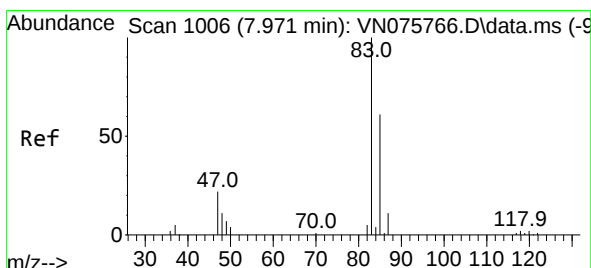
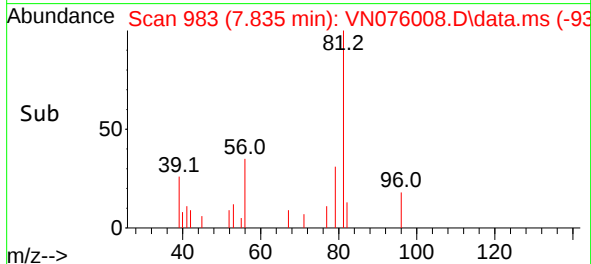
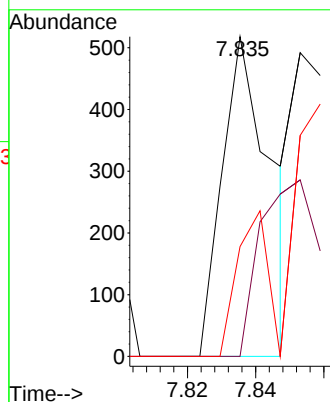
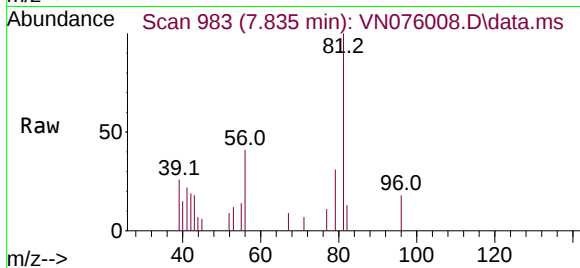
Tgt Ion: 42 Resp: 506

Ion Ratio Lower Upper

42 100

72 0.0 44.5 66.7#

71 0.0 41.0 61.6#



#30

Chloroform

Concen: 1.056 ug/l

RT: 7.947 min Scan# 1002

Delta R.T. -0.024 min

Lab File: VN076008.D

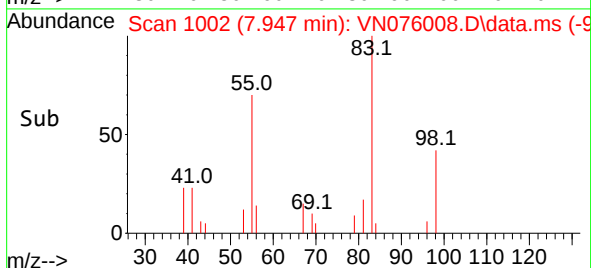
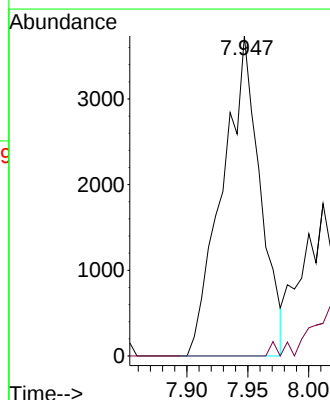
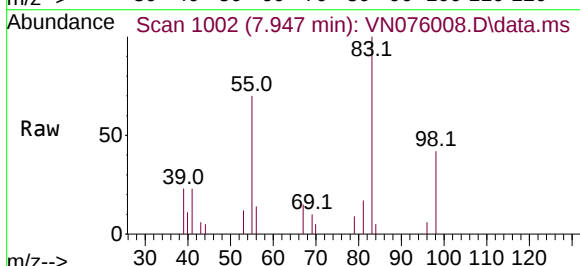
Acq: 28 Dec 2022 18:32

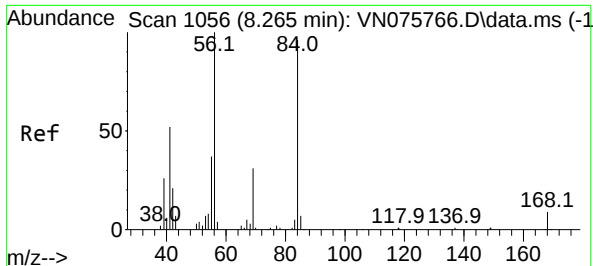
Tgt Ion: 83 Resp: 8032

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#

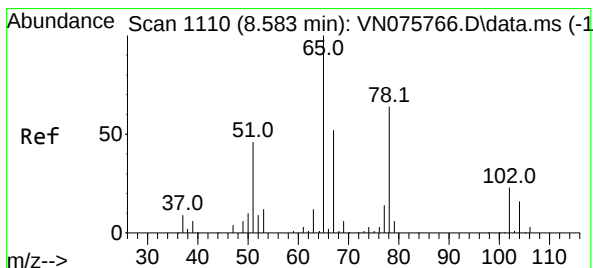
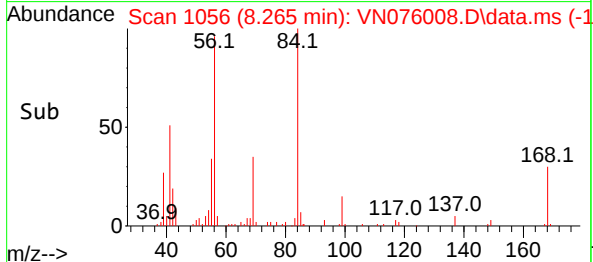
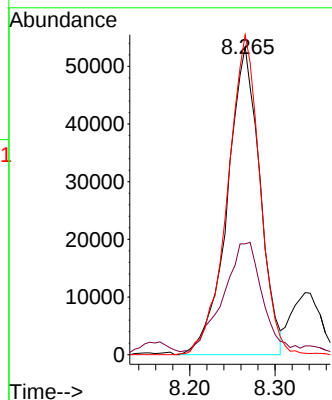
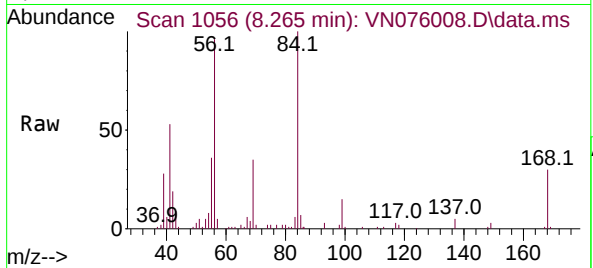




#31
Cyclohexane
Concen: 22.537 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

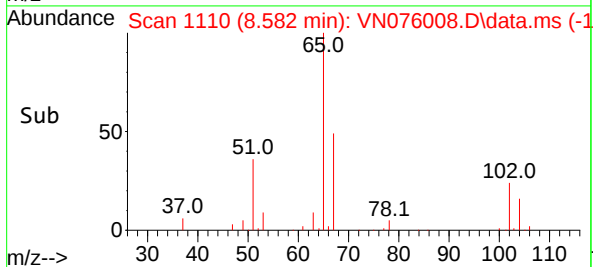
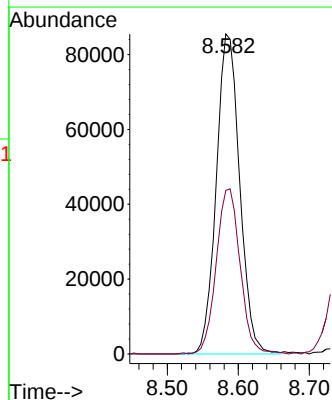
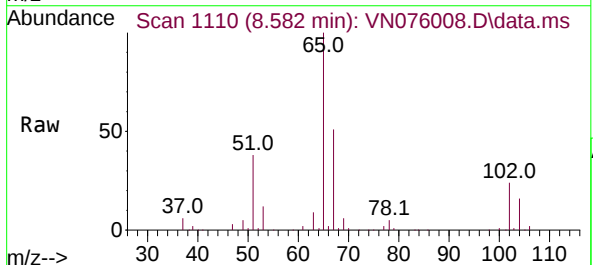
Instrument :
MSVOA_N
ClientSampleId :
MW-10

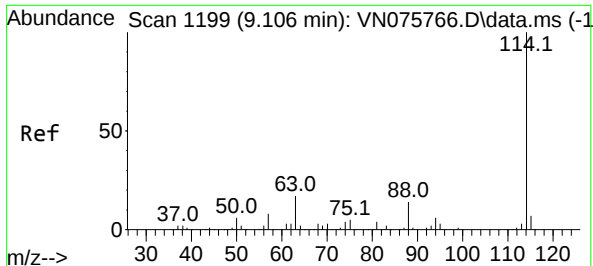
Tgt Ion: 56 Resp: 141372
Ion Ratio Lower Upper
56 100
69 35.1 24.7 37.1
84 103.7 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 44.607 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 65 Resp: 195381
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MW-10

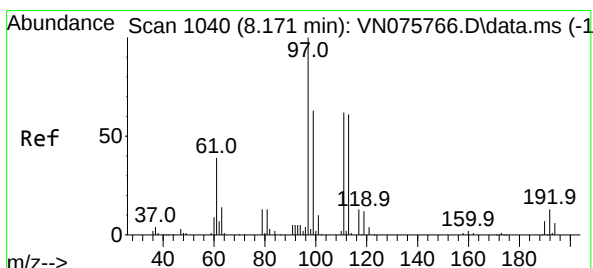
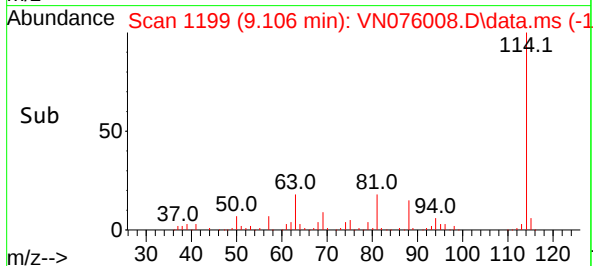
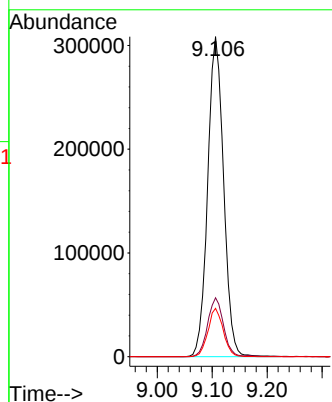
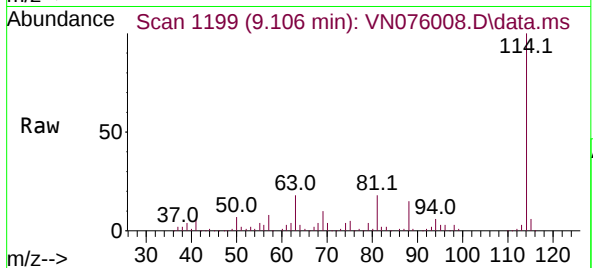
Tgt Ion:114 Resp: 619695

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.491 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

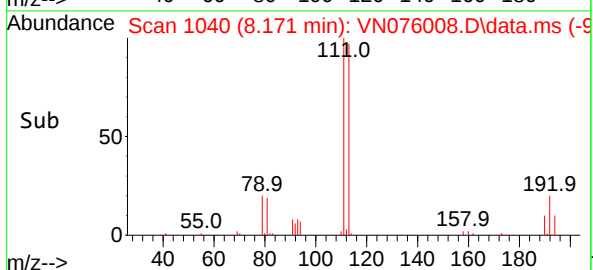
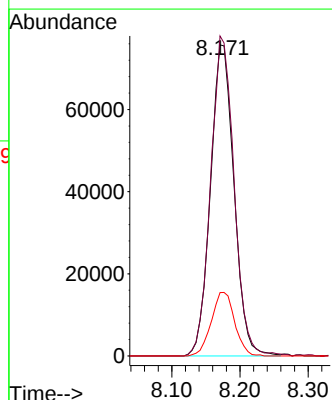
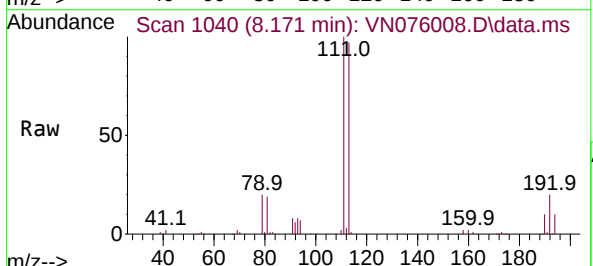
Tgt Ion:113 Resp: 182255

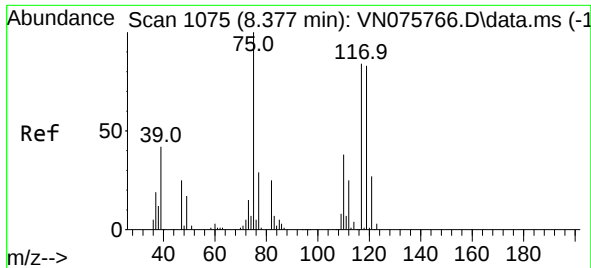
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 20.3 16.1 24.1

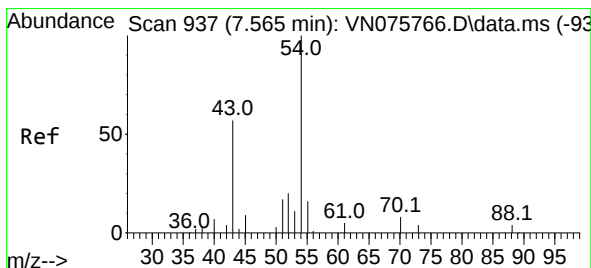
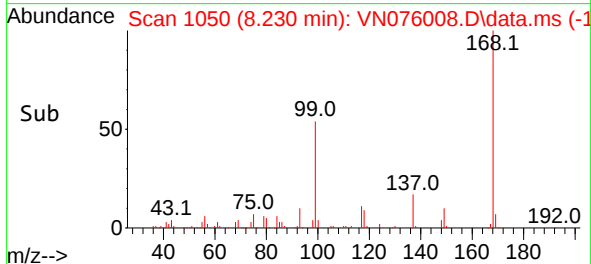
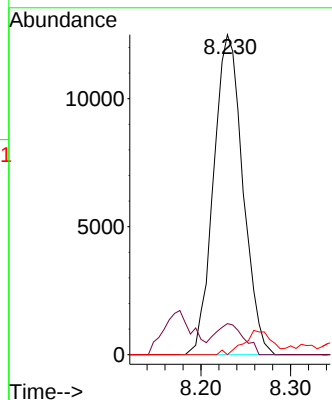
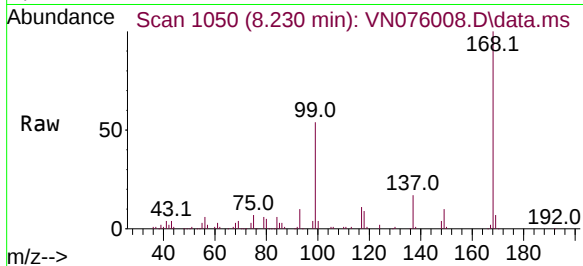




#36
1,1-Dichloropropene
Concen: 5.556 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

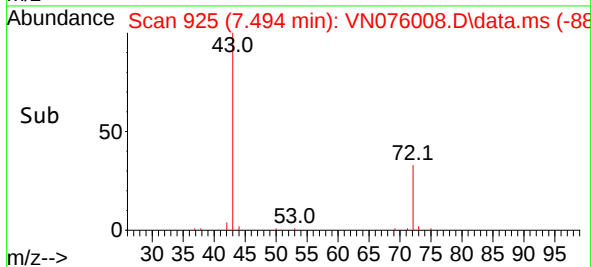
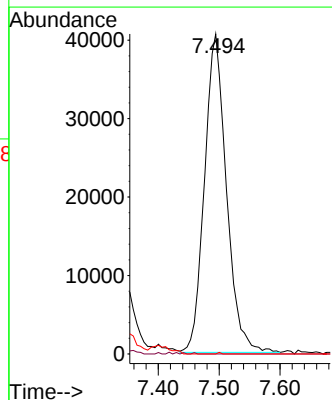
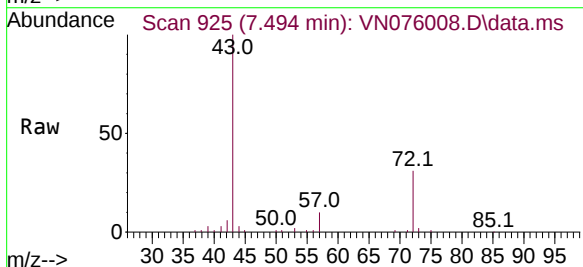
Instrument :
MSVOA_N
ClientSampleId :
MW-10

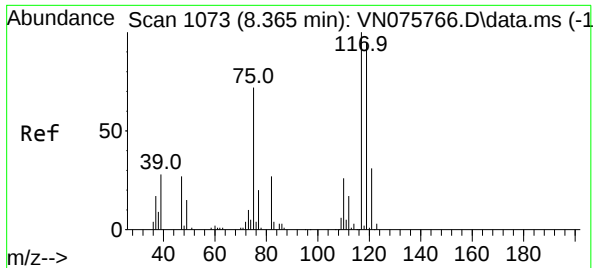
Tgt Ion: 75 Resp: 28326
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 24.823 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.071 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 43 Resp: 101649
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#

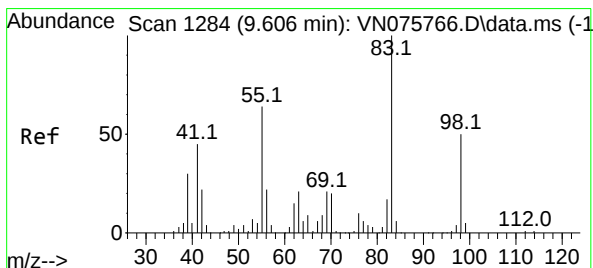
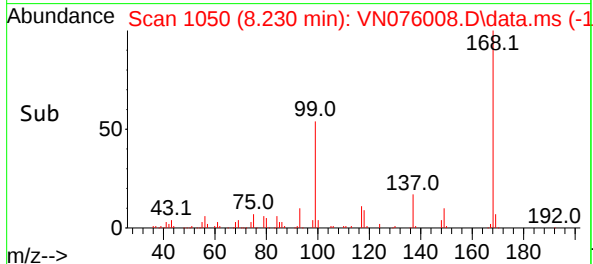
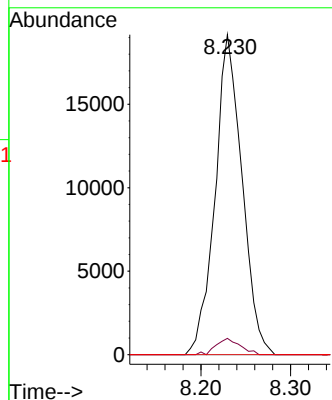
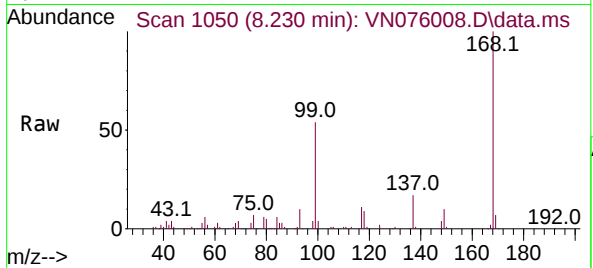




#38
Carbon Tetrachloride
Concen: 6.998 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

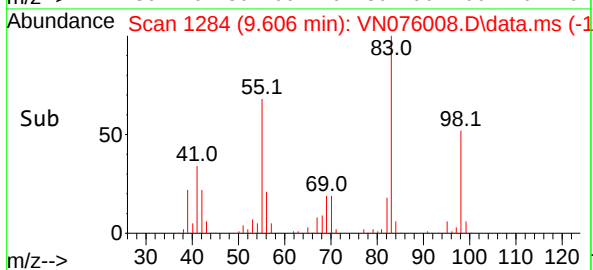
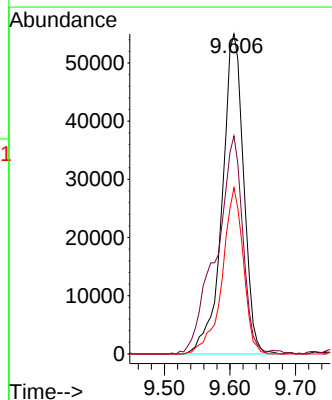
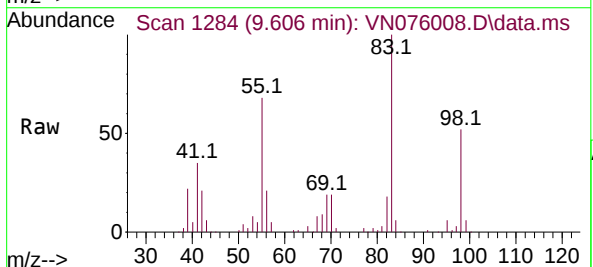
Instrument :
MSVOA_N
ClientSampleId :
MW-10

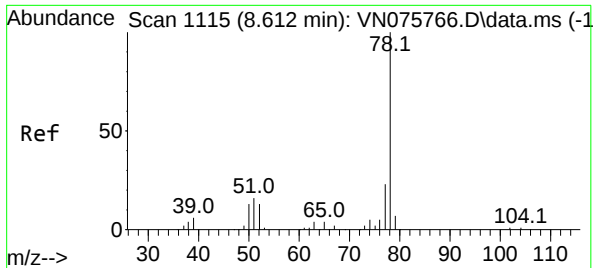
Tgt Ion:117 Resp: 39931
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 20.257 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 83 Resp: 124589
Ion Ratio Lower Upper
83 100
55 67.3 51.4 77.0
98 52.0 39.8 59.8

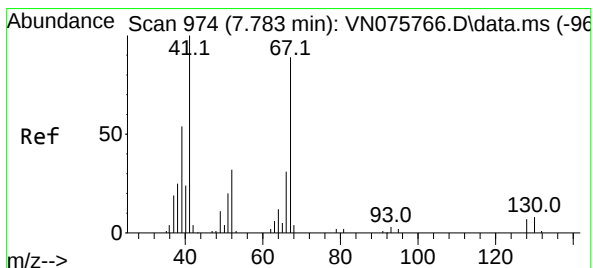
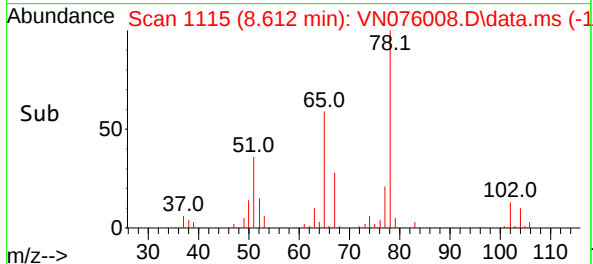
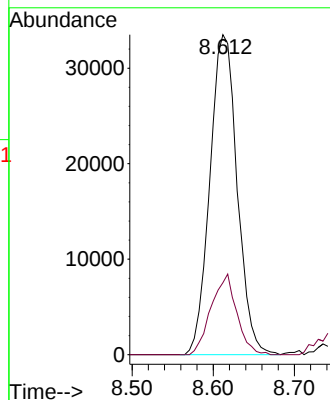
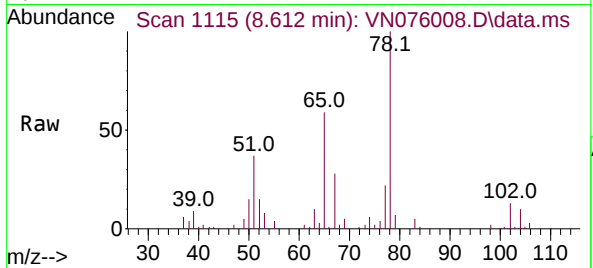




#40
Benzene
Concen: 4.985 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

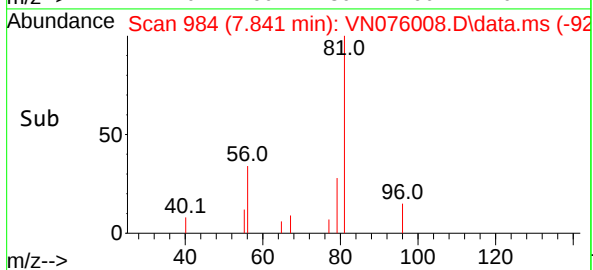
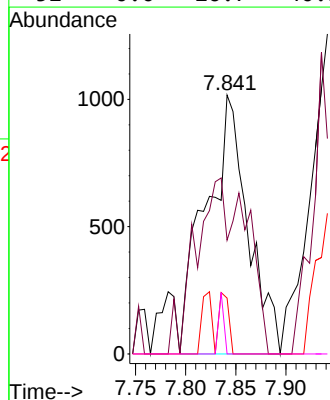
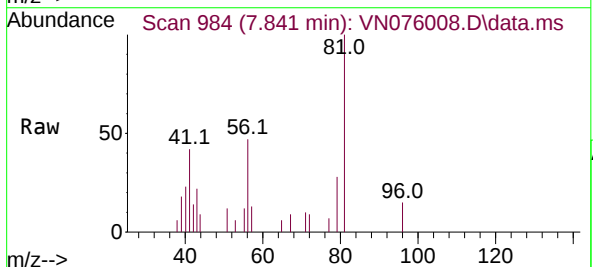
Instrument :
MSVOA_N
ClientSampleId :
MW-10

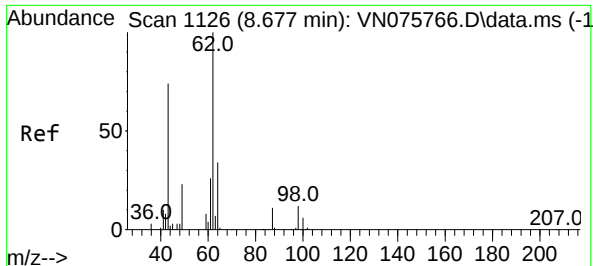
Tgt Ion: 78 Resp: 78417
Ion Ratio Lower Upper
78 100
77 22.5 18.5 27.7



#41
Methacrylonitrile
Concen: 1.389 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.059 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 41 Resp: 2957
Ion Ratio Lower Upper
41 100
39 50.3 43.1 64.7
67 0.0 70.7 106.1#
52 0.0 26.7 40.1#





#42

1,2-Dichloroethane

Concen: 0.546 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

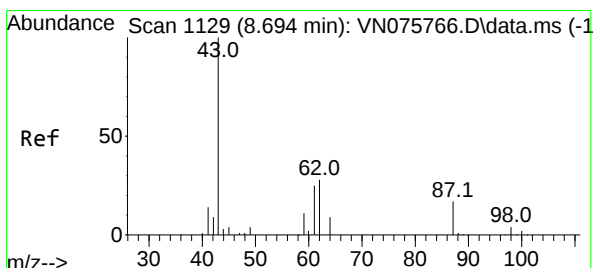
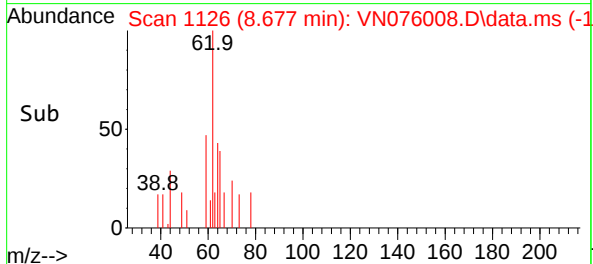
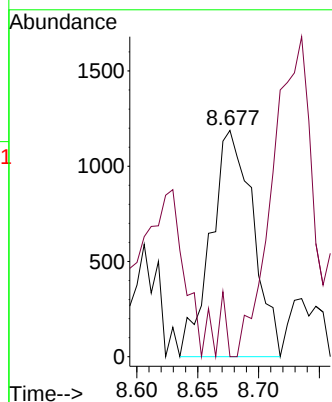
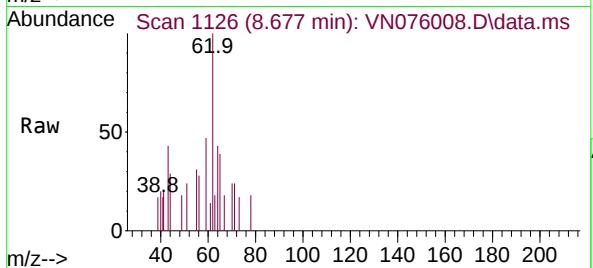
MW-10

Tgt Ion: 62 Resp: 2856

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.8



#43

Isopropyl Acetate

Concen: 1.105 ug/l

RT: 8.724 min Scan# 1134

Delta R.T. 0.029 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

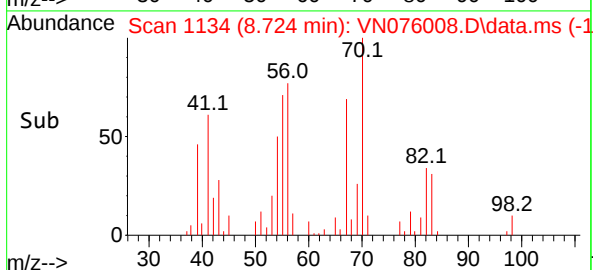
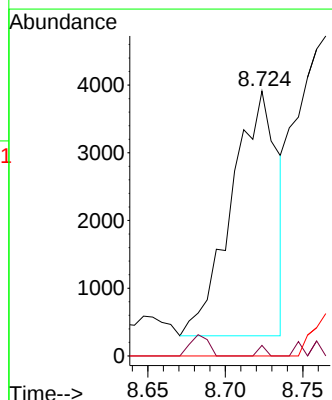
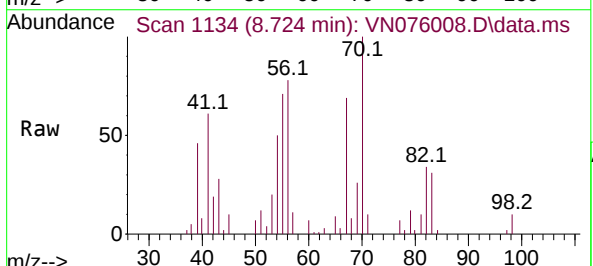
Tgt Ion: 43 Resp: 7462

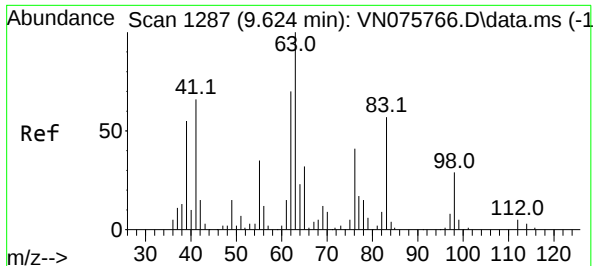
Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.4#

87 0.0 13.3 19.9#





#45

1,2-Dichloropropane

Concen: 0.505 ug/l

RT: 9.612 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

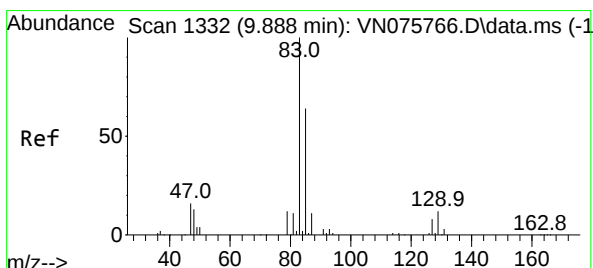
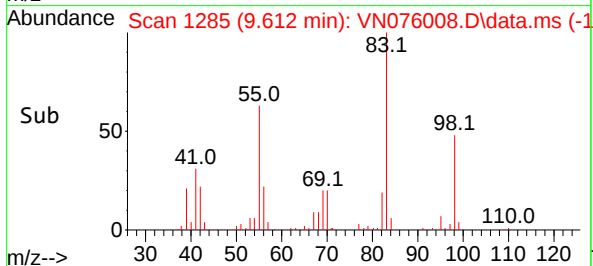
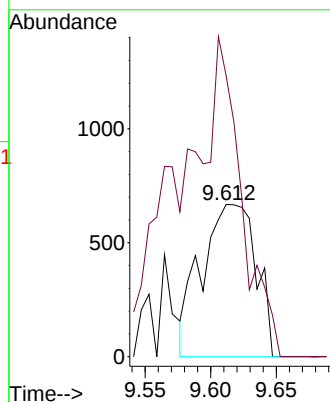
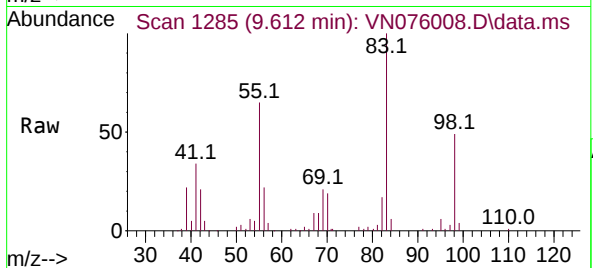
MW-10

Tgt Ion: 63 Resp: 1932

Ion Ratio Lower Upper

63 100

65 184.6 25.7 38.5#



#47

Bromodichloromethane

Concen: 0.448 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

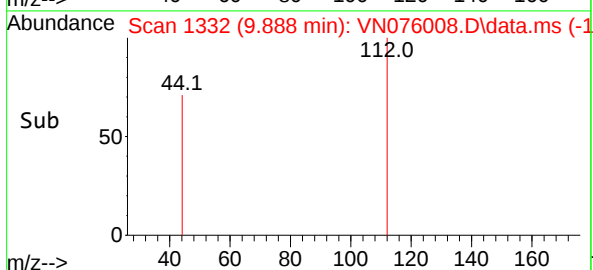
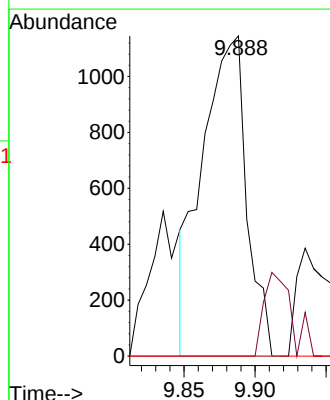
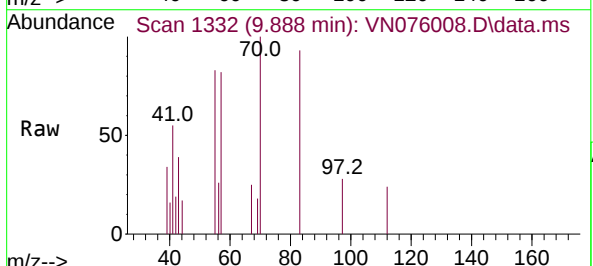
Tgt Ion: 83 Resp: 2493

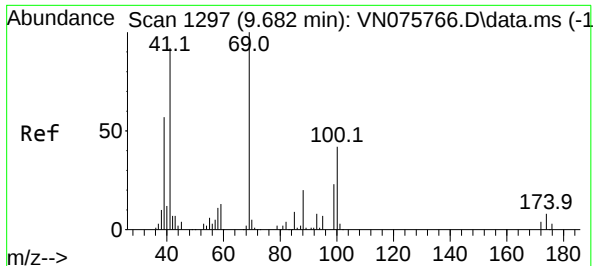
Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#

127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 23.134 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.082 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MW-10

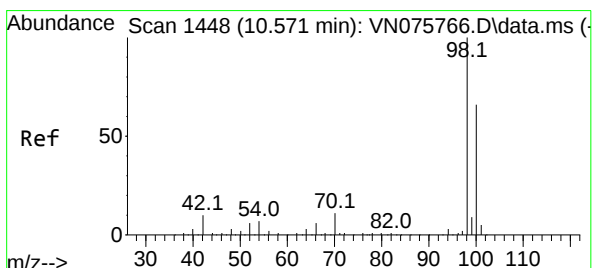
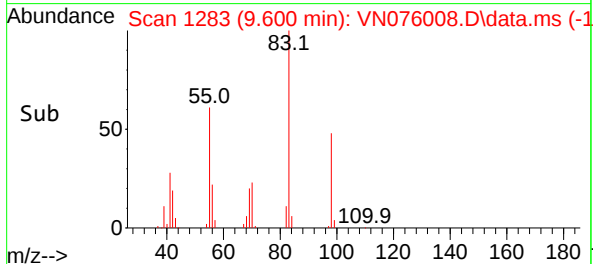
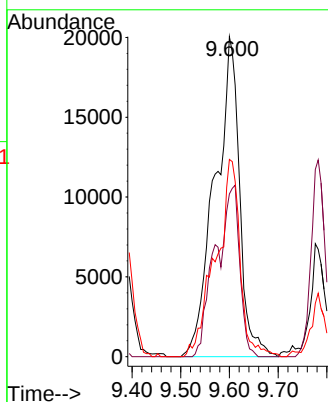
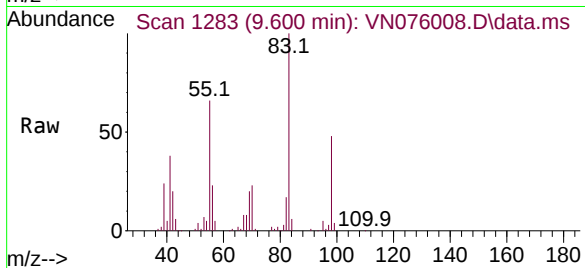
Tgt Ion: 41 Resp: 70381

Ion Ratio Lower Upper

41 100

69 32.6 81.9 122.9#

39 60.9 51.6 77.4



#50

Toluene-d8

Concen: 50.166 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076008.D

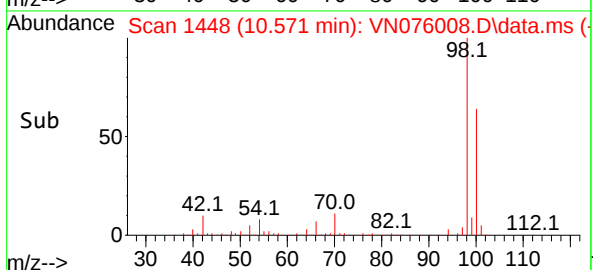
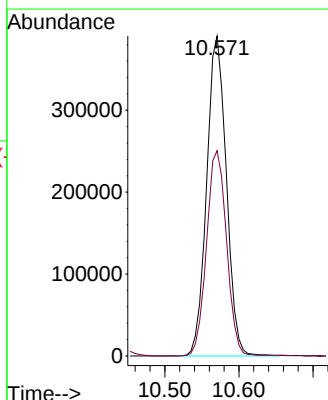
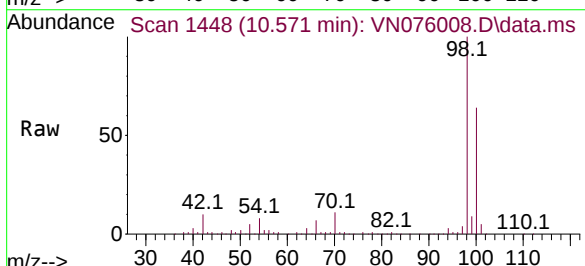
Acq: 28 Dec 2022 18:32

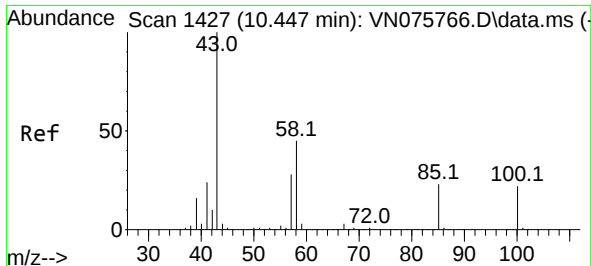
Tgt Ion: 98 Resp: 719809

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

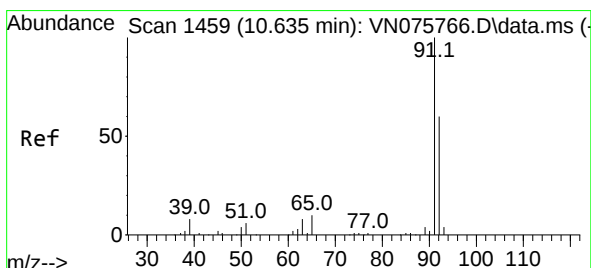
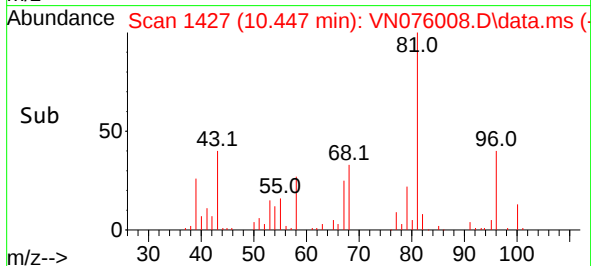
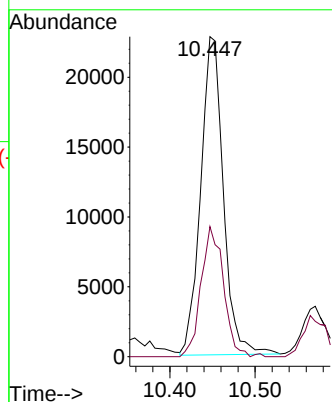
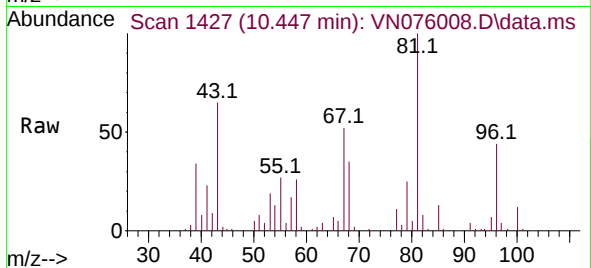




#51
4-Methyl-2-Pentanone
Concen: 10.327 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

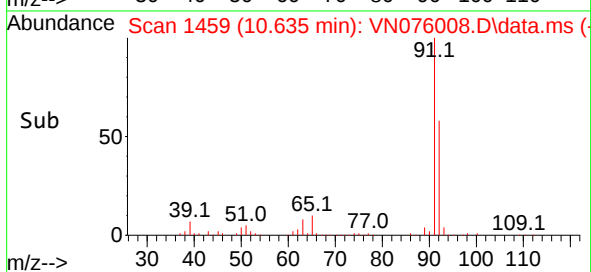
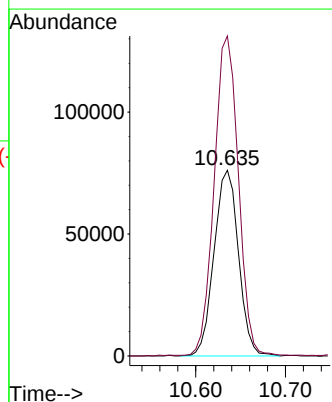
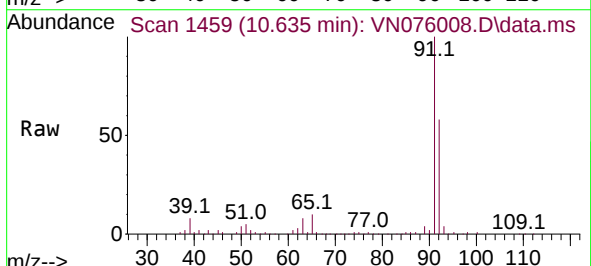
Instrument :
MSVOA_N
ClientSampleId :
MW-10

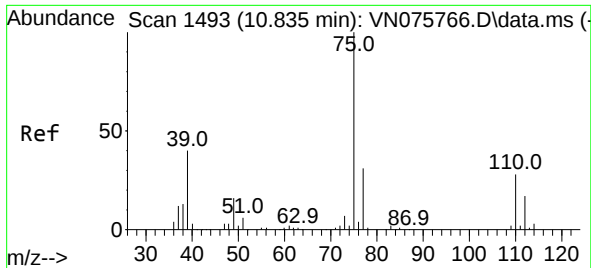
Tgt Ion: 43 Resp: 42188
Ion Ratio Lower Upper
43 100
58 40.5 35.5 53.3



#52
Toluene
Concen: 14.044 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 92 Resp: 143861
Ion Ratio Lower Upper
92 100
91 170.4 137.3 205.9

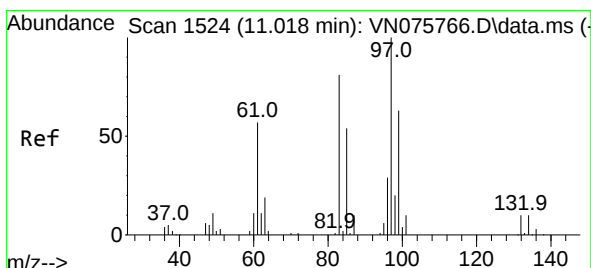
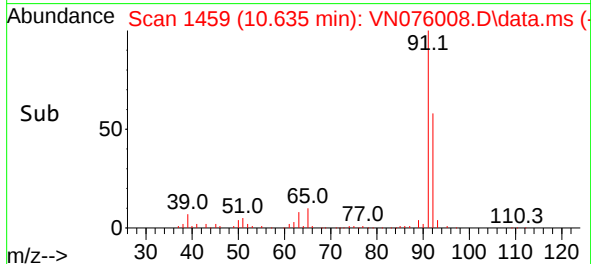
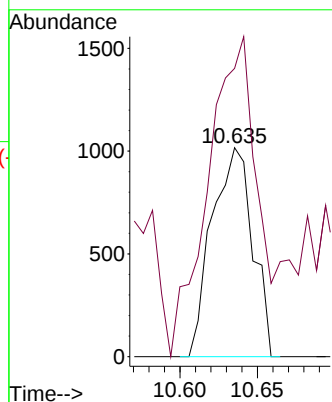
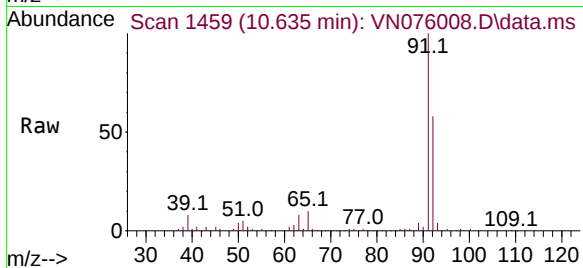




#53
t-1,3-Dichloropropene
Concen: 0.340 ug/l
RT: 10.635 min Scan# 1493
Delta R.T. -0.200 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

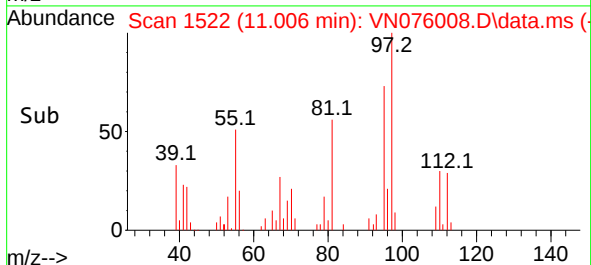
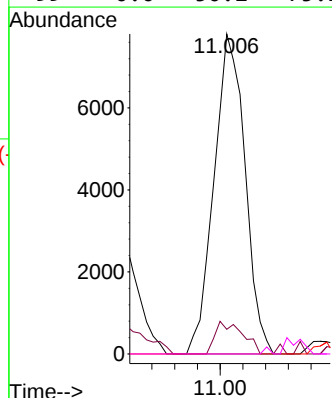
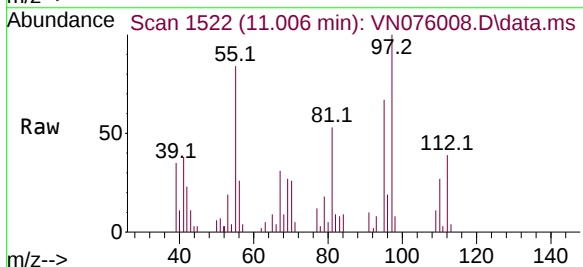
Instrument :
MSVOA_N
ClientSampleId :
MW-10

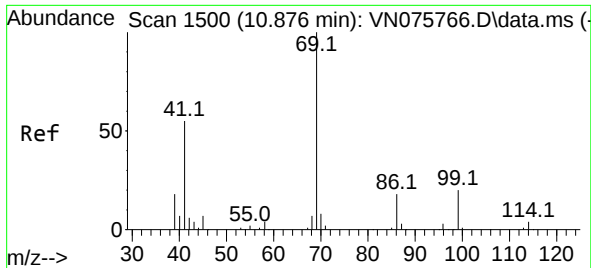
Tgt Ion: 75 Resp: 1853
Ion Ratio Lower Upper
75 100
77 104.5 24.9 37.3#



#55
1,1,2-Trichloroethane
Concen: 3.677 ug/l
RT: 11.006 min Scan# 1522
Delta R.T. -0.012 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 97 Resp: 14786
Ion Ratio Lower Upper
97 100
83 7.7 65.0 97.4#
85 0.0 43.0 64.6#
99 0.0 50.2 75.2#

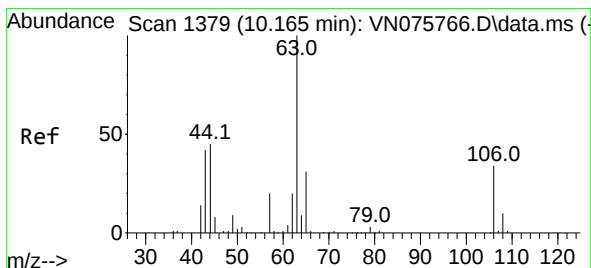
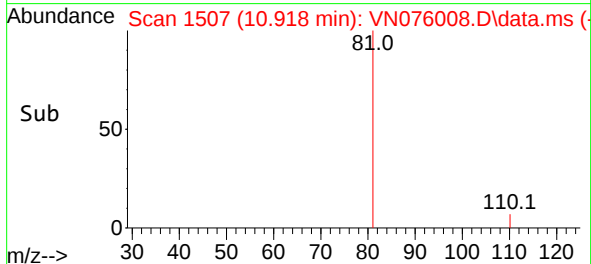
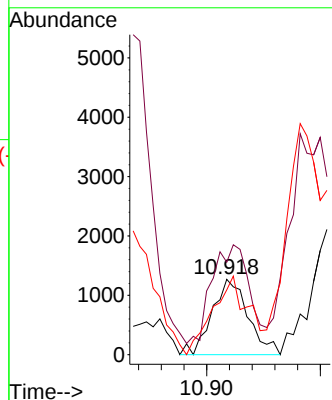
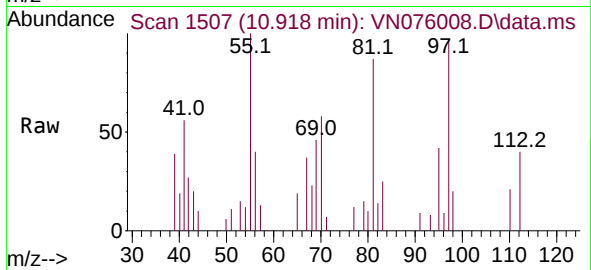




#56
Ethyl methacrylate
Concen: 0.524 ug/l
RT: 10.918 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

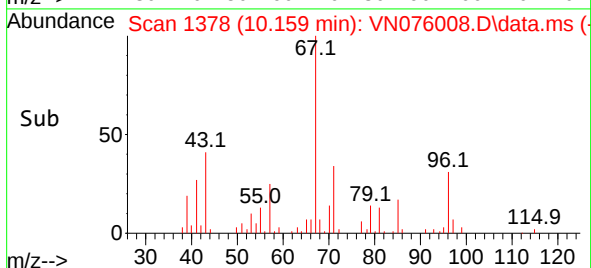
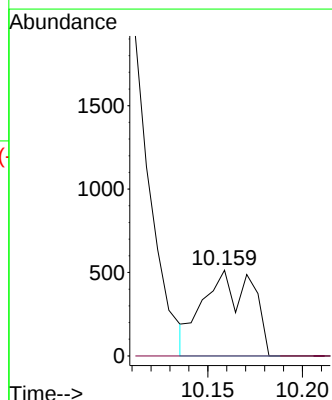
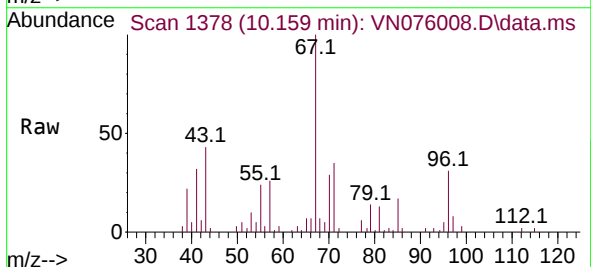
Instrument :
MSVOA_N
ClientSampleId :
MW-10

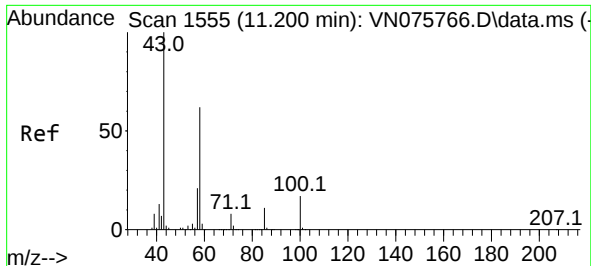
Tgt Ion: 69 Resp: 2797
Ion Ratio Lower Upper
69 100
41 134.9 44.2 66.4#
39 101.8 26.4 39.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.531 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 63 Resp: 903
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#

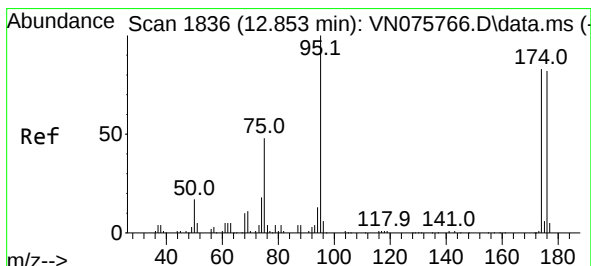
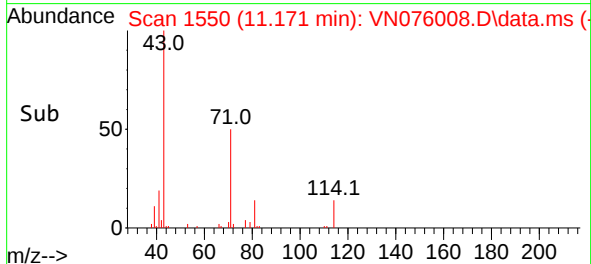
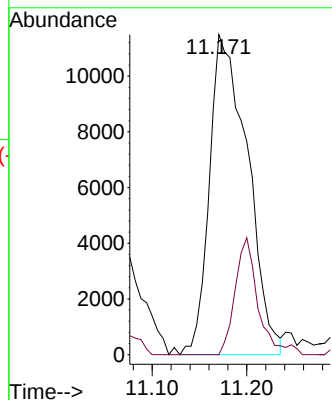
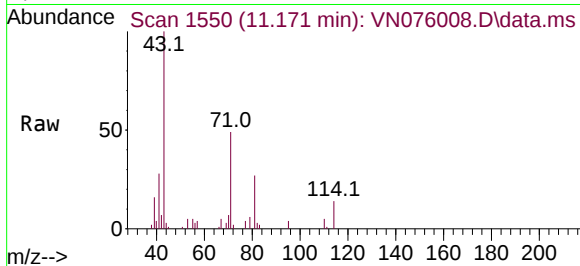




#59
2-Hexanone
Concen: 10.755 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. -0.029 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

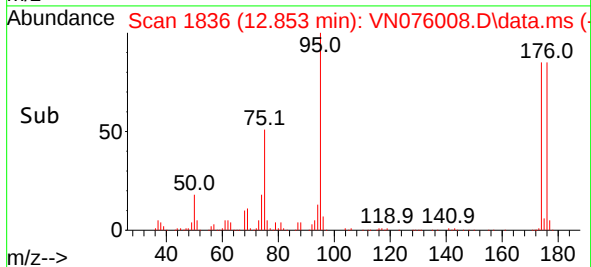
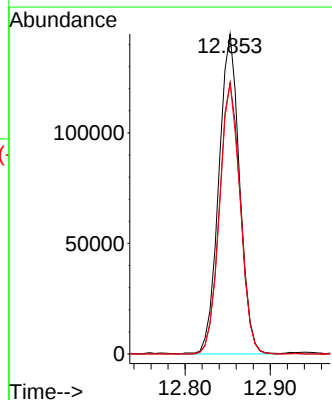
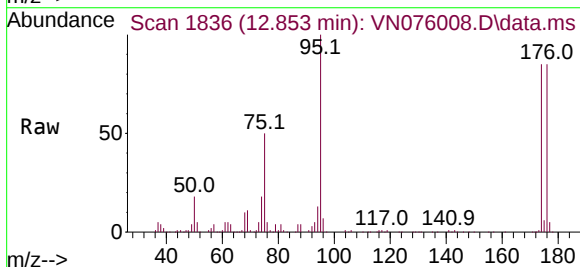
Instrument :
MSVOA_N
ClientSampleId :
MW-10

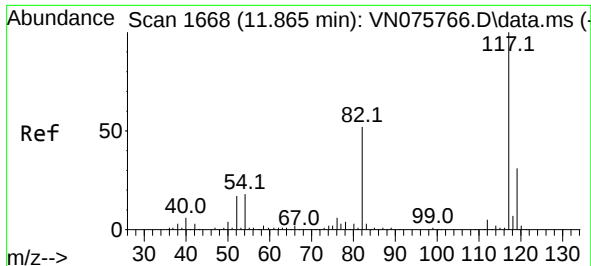
Tgt Ion: 43 Resp: 32041
Ion Ratio Lower Upper
43 100
58 0.0 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 51.568 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 95 Resp: 245075
Ion Ratio Lower Upper
95 100
174 84.9 0.0 171.6
176 83.8 0.0 169.2

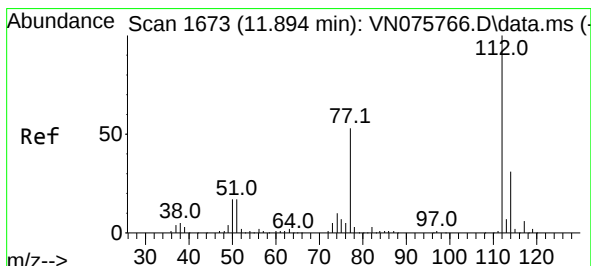
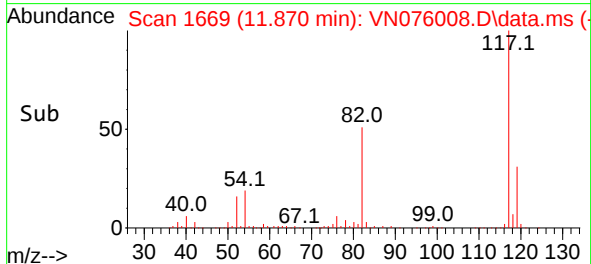
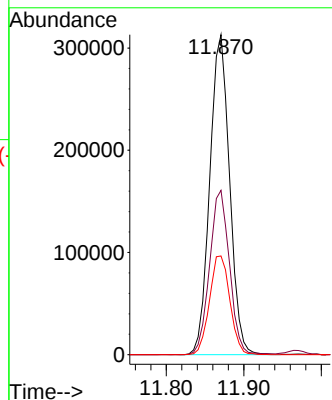
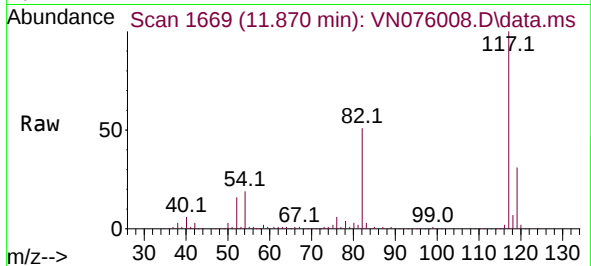




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

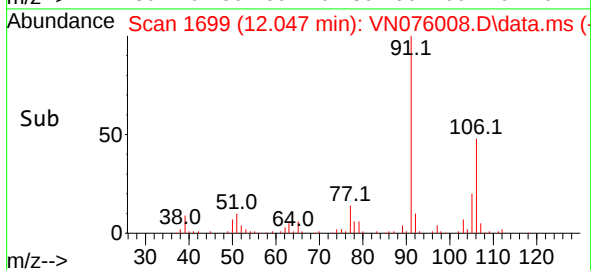
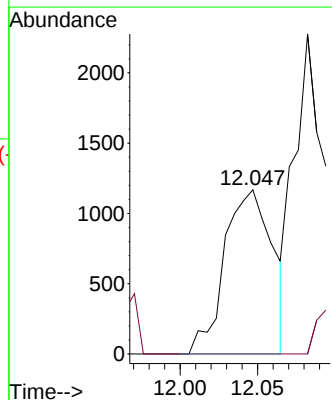
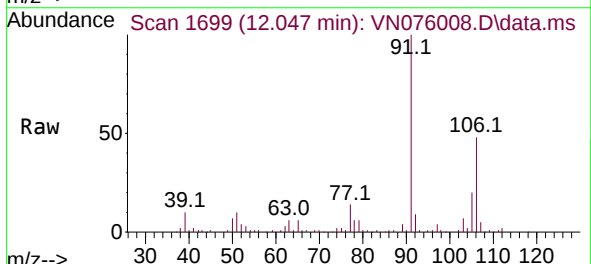
Instrument :
MSVOA_N
ClientSampleId :
MW-10

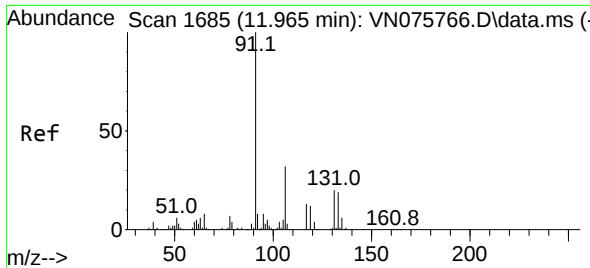
Tgt Ion:117 Resp: 555390
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 30.8 24.6 37.0



#65
Chlorobenzene
Concen: 0.220 ug/l
RT: 12.047 min Scan# 1699
Delta R.T. 0.153 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion:112 Resp: 2504
Ion Ratio Lower Upper
112 100
114 0.0 24.7 37.1#

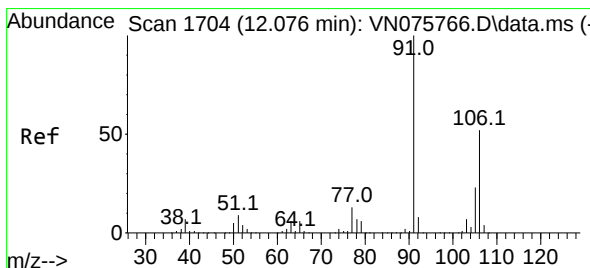
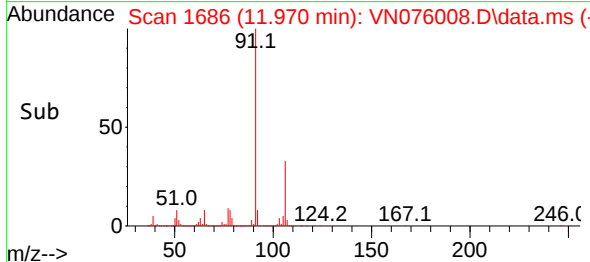
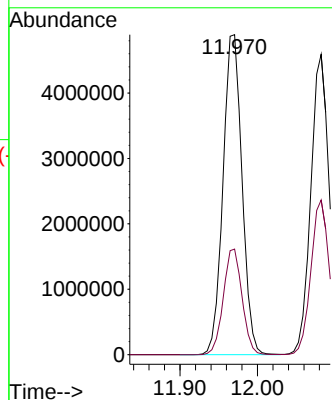
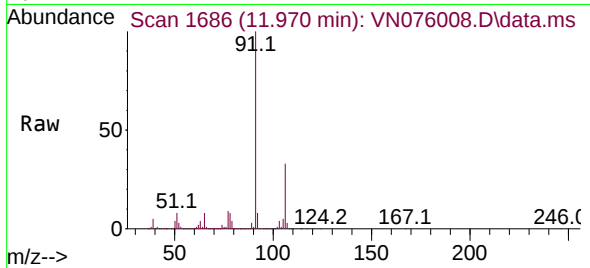




#67
Ethyl Benzene
Concen: 434.116 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

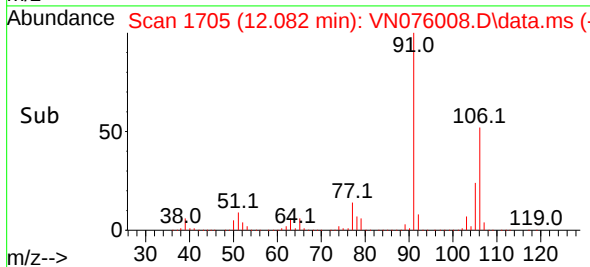
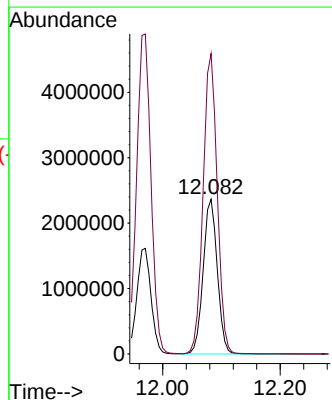
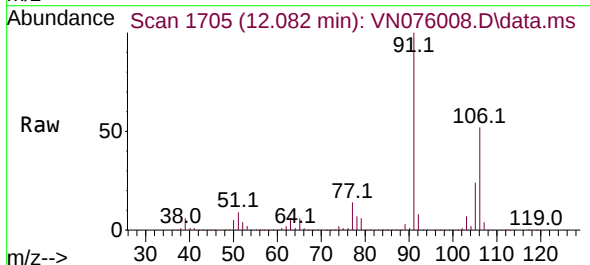
Instrument :
MSVOA_N
ClientSampleId :
MW-10

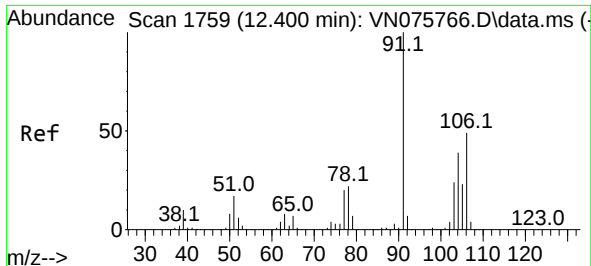
Tgt Ion: 91 Resp: 8351988
Ion Ratio Lower Upper
91 100
106 33.0 25.7 38.5



#68
m/p-Xylenes
Concen: 515.458 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion:106 Resp: 3925110
Ion Ratio Lower Upper
106 100
91 194.1 156.6 235.0

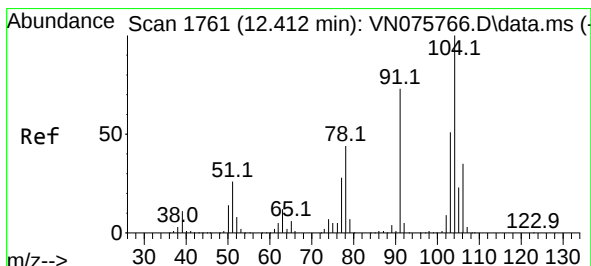
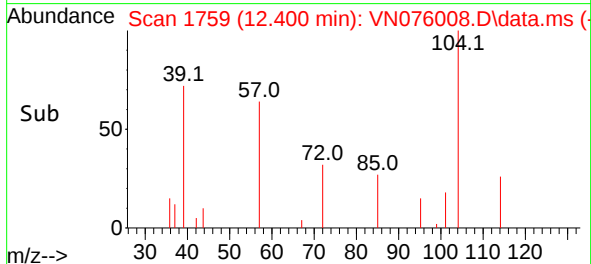
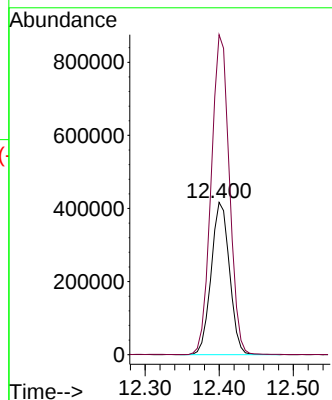
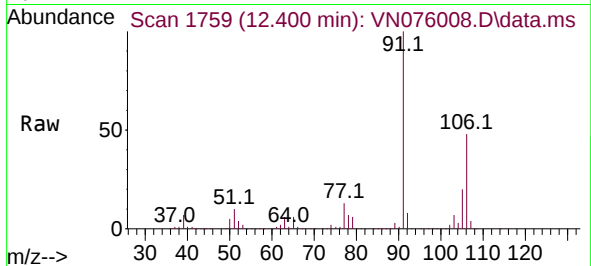




#69
o-Xylene
Concen: 94.771 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

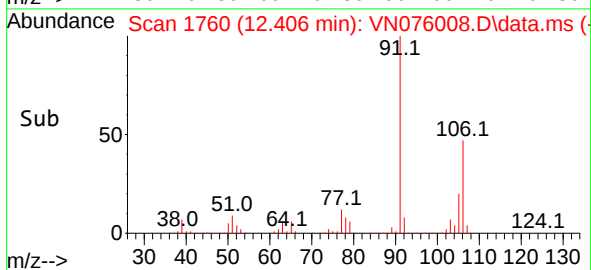
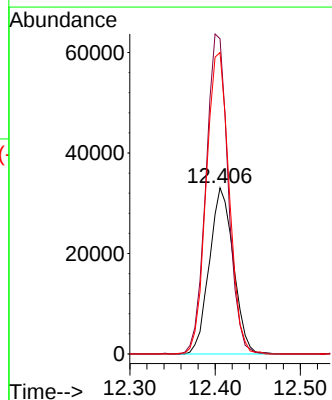
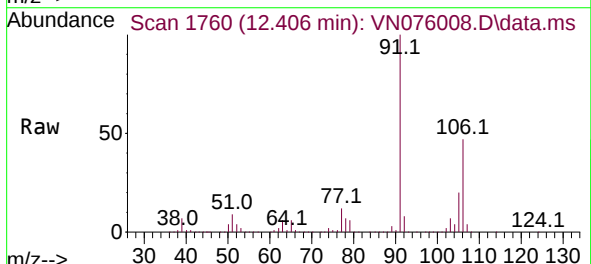
Instrument :
MSVOA_N
ClientSampleId :
MW-10

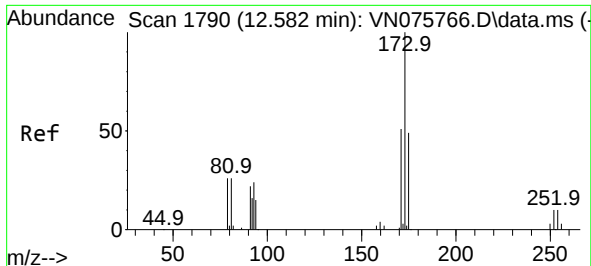
Tgt Ion:106 Resp: 714161
Ion Ratio Lower Upper
106 100
91 209.0 103.8 311.6



#70
Styrene
Concen: 5.407 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion:104 Resp: 64787
Ion Ratio Lower Upper
104 100
78 177.5 37.5 56.3#
103 172.8 43.5 65.3#

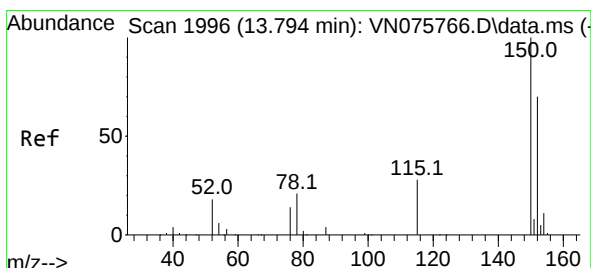
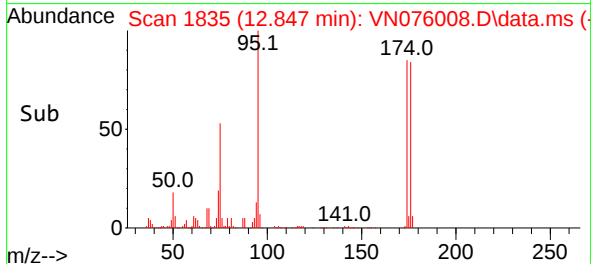
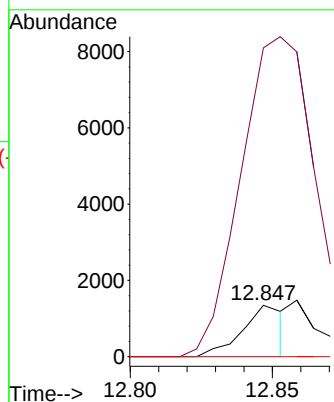
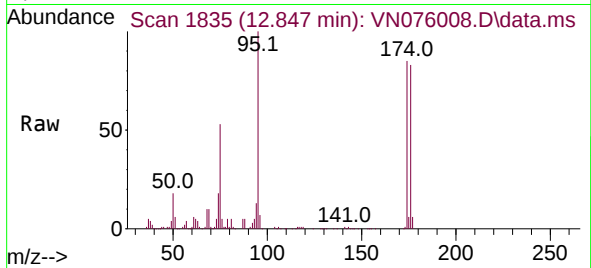




#71
Bromoform
Concen: 0.445 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

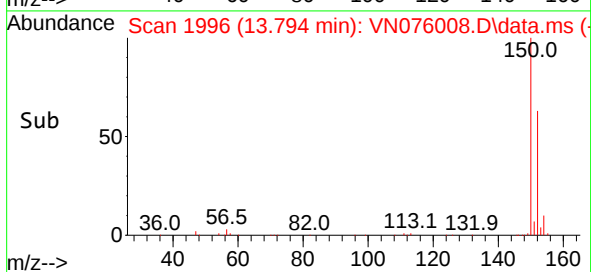
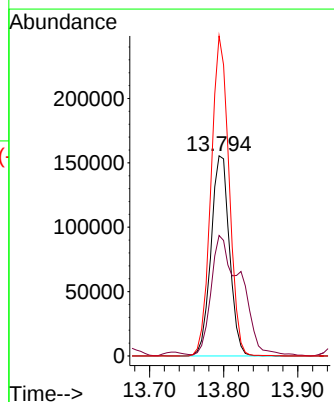
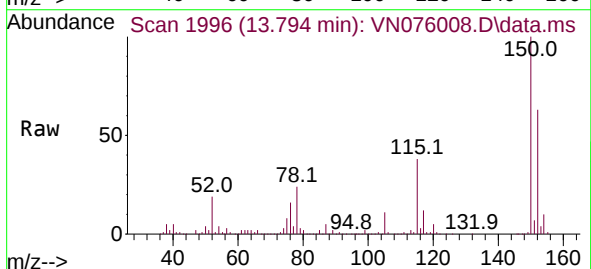
Instrument :
MSVOA_N
ClientSampleId :
MW-10

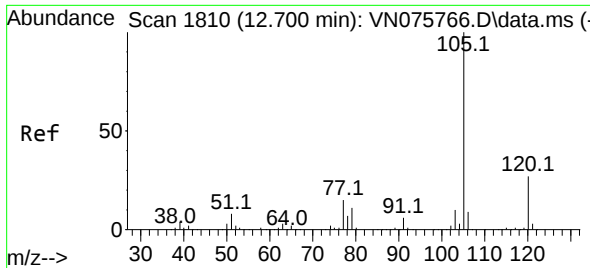
Tgt Ion:173 Resp: 1368
Ion Ratio Lower Upper
173 100
175 892.3 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion:152 Resp: 268552
Ion Ratio Lower Upper
152 100
115 97.6 29.1 87.4#
150 155.9 0.0 347.0

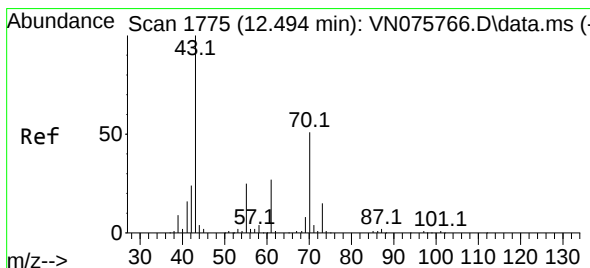
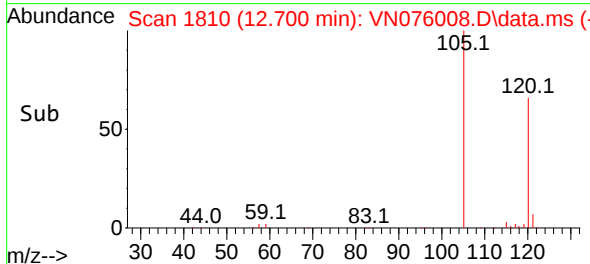
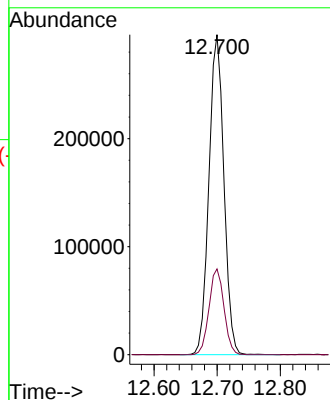
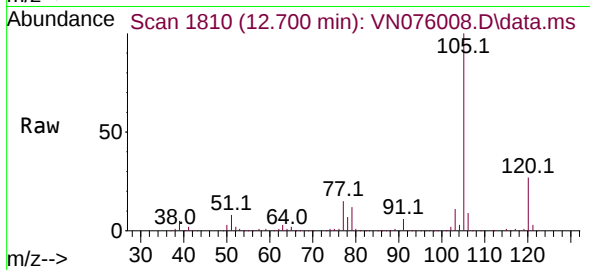




#73
Isopropylbenzene
Concen: 25.083 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

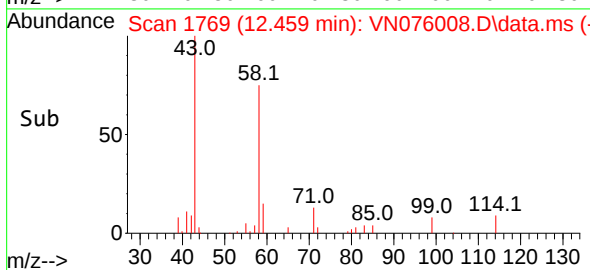
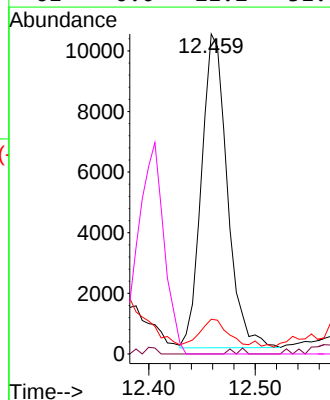
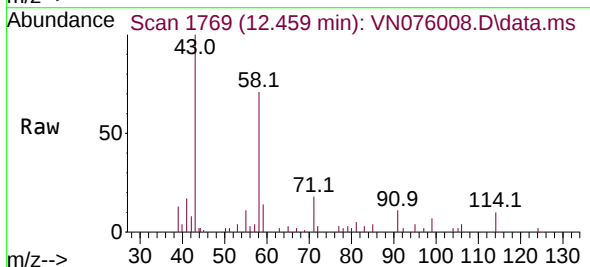
Instrument :
MSVOA_N
ClientSampleId :
MW-10

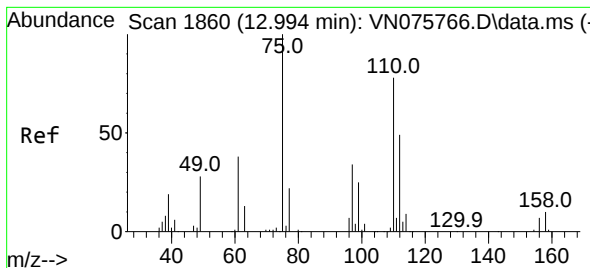
Tgt Ion:105 Resp: 486779
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 3.062 ug/l
RT: 12.459 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 43 Resp: 17432
Ion Ratio Lower Upper
43 100
70 0.3 41.4 62.0#
55 12.3 21.3 31.9#
61 0.0 21.2 31.8#





#76

1,2,3-Trichloropropane

Concen: 1.402 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.047 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

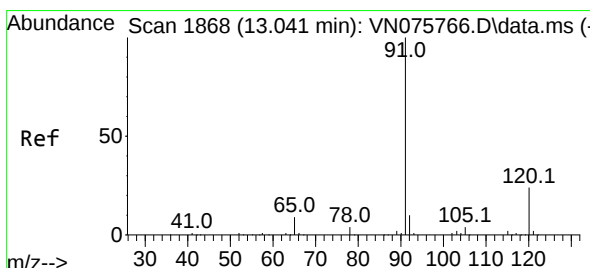
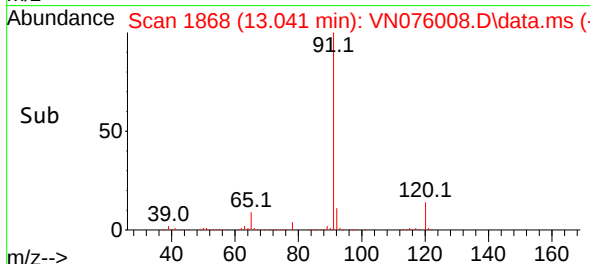
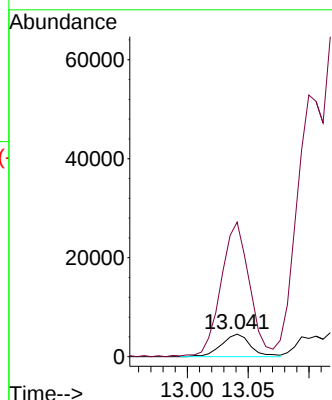
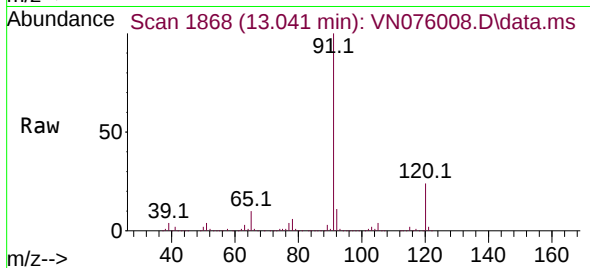
MW-10

Tgt Ion: 75 Resp: 7587

Ion Ratio Lower Upper

75 100

77 585.3 82.6 247.8#



#78

n-propylbenzene

Concen: 53.742 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN076008.D

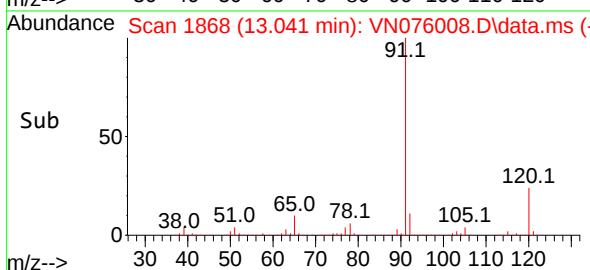
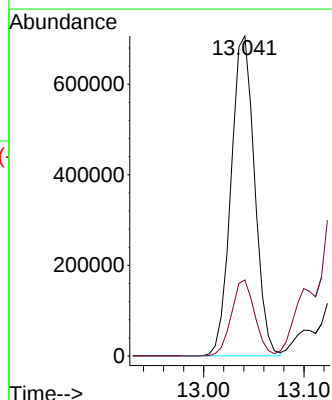
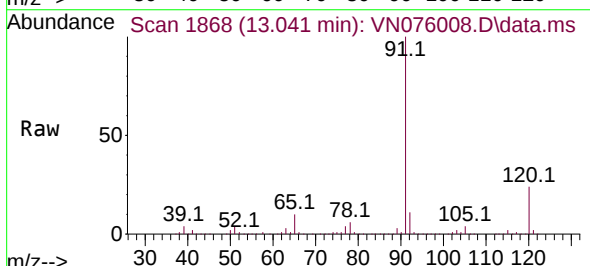
Acq: 28 Dec 2022 18:32

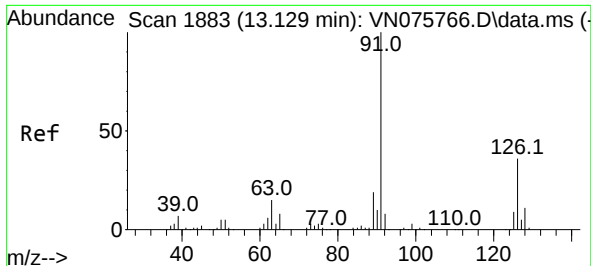
Tgt Ion: 91 Resp: 1150332

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.1

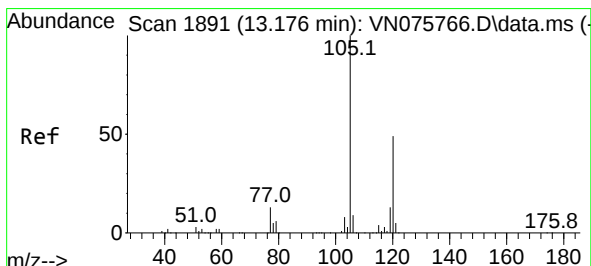
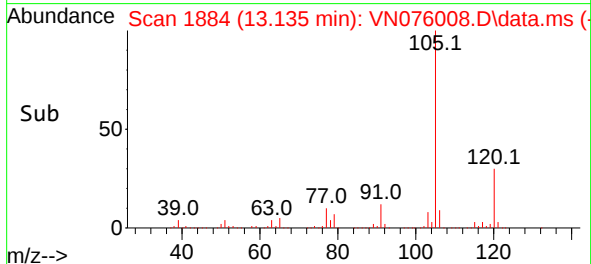
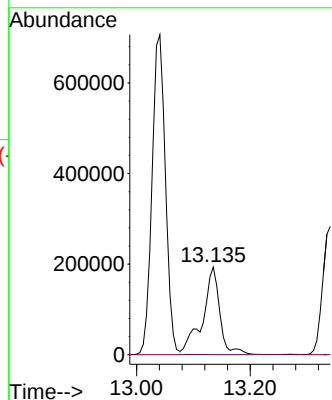
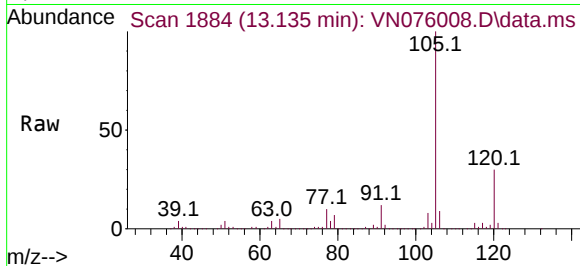




#79
2-Chlorotoluene
Concen: 30.515 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

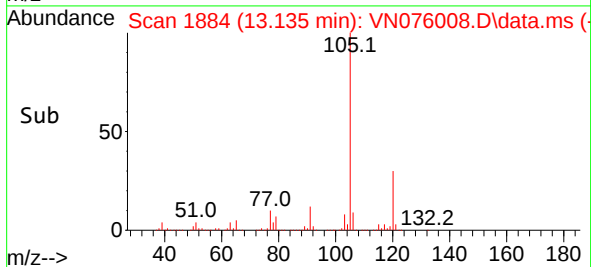
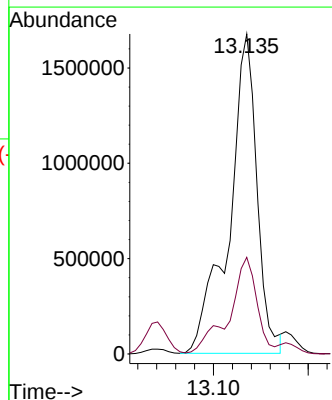
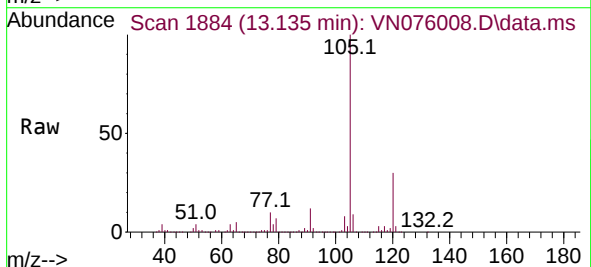
Instrument :
MSVOA_N
ClientSampleId :
MW-10

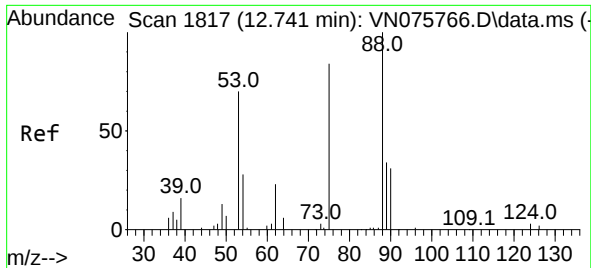
Tgt Ion: 91 Resp: 407729
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#80
1,3,5-Trimethylbenzene
Concen: 210.635 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. -0.041 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion:105 Resp: 3421219
Ion Ratio Lower Upper
105 100
120 30.2 24.7 74.1

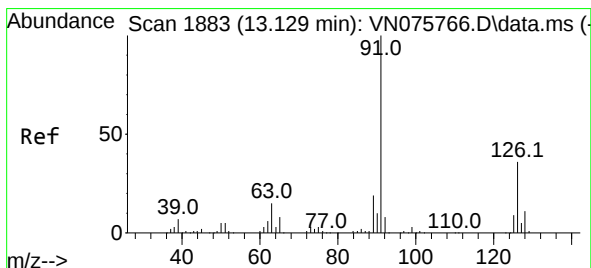
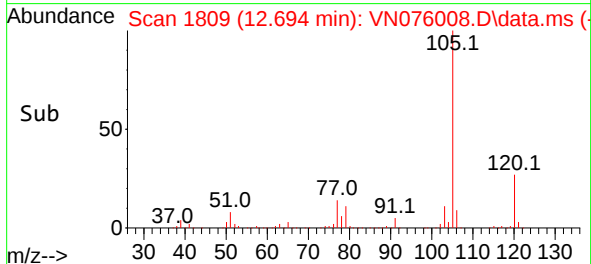
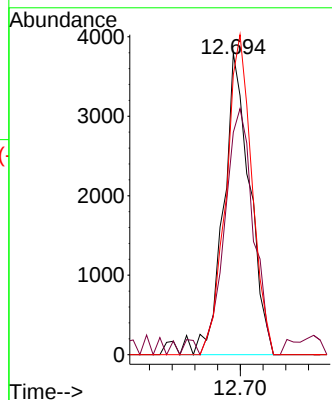
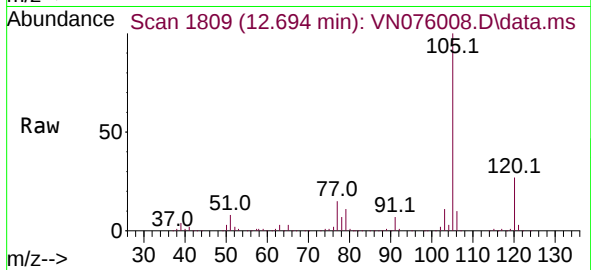




#81
trans-1,4-Dichloro-2-butene
Concen: 4.057 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.047 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

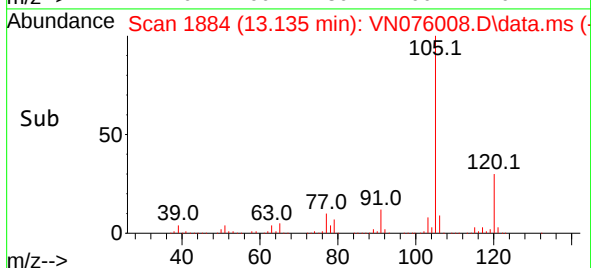
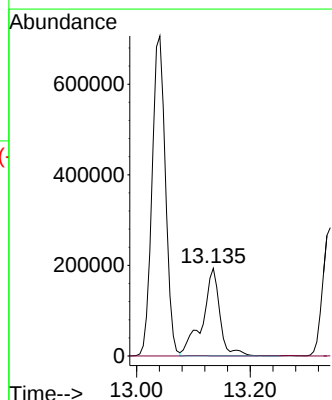
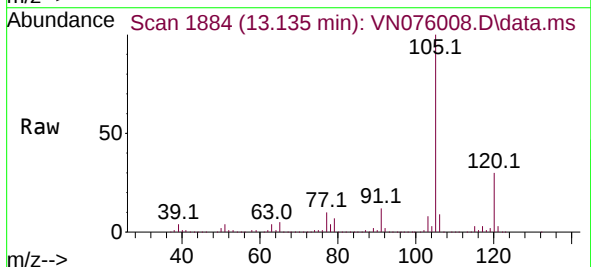
Instrument :
MSVOA_N
ClientSampleId :
MW-10

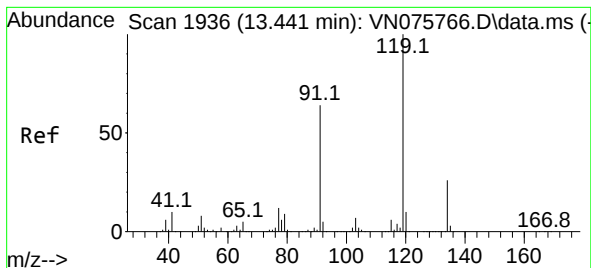
Tgt Ion: 75 Resp: 6102
Ion Ratio Lower Upper
75 100
53 90.3 73.8 110.6
89 104.4 39.5 59.3#



#82
4-Chlorotoluene
Concen: 30.515 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion: 91 Resp: 407729
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#





#83

tert-Butylbenzene

Concen: 92.098 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.047 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MW-10

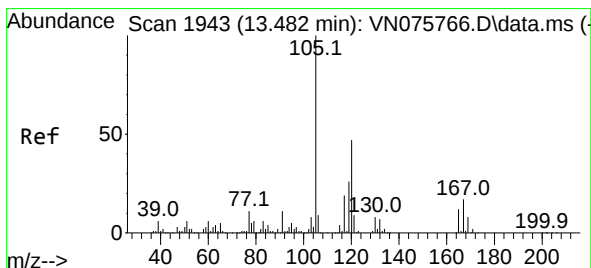
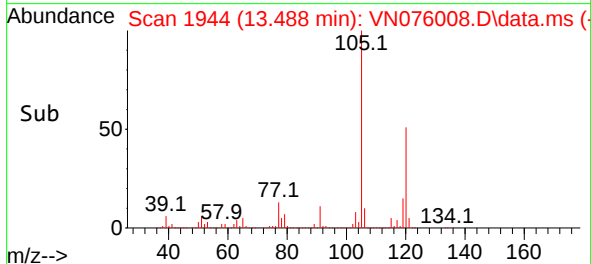
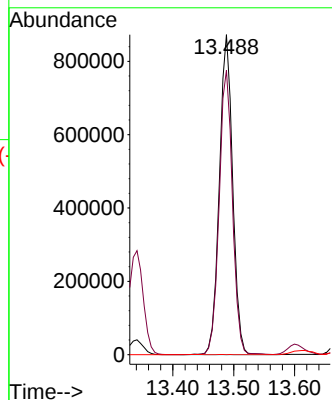
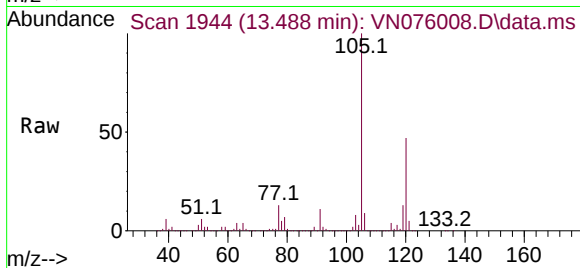
Tgt Ion:119 Resp: 1318895

Ion Ratio Lower Upper

119 100

91 88.9 31.9 95.5

134 0.0 13.8 41.4#



#84

1,2,4-Trimethylbenzene

Concen: 655.711 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076008.D

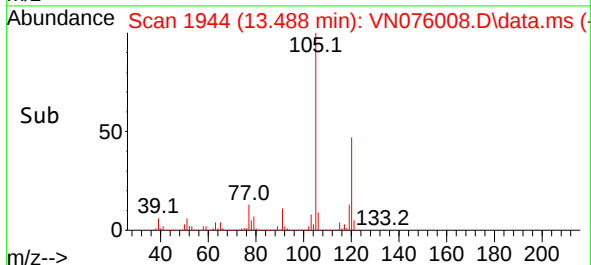
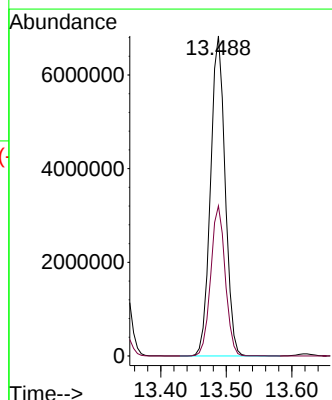
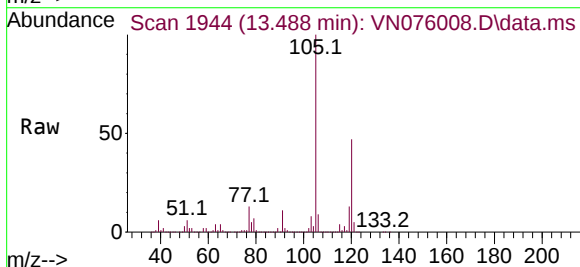
Acq: 28 Dec 2022 18:32

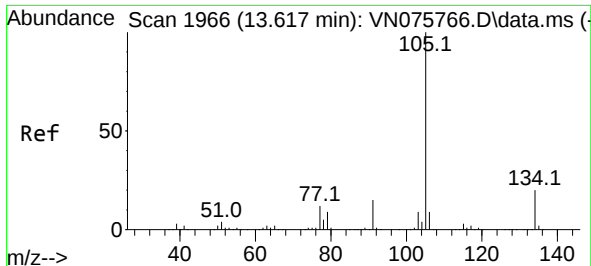
Tgt Ion:105 Resp:10565565

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.8

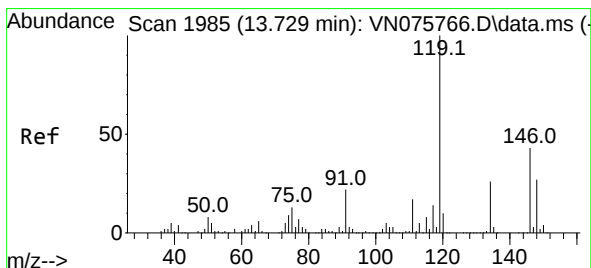
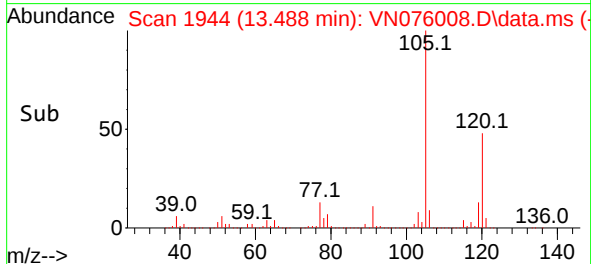
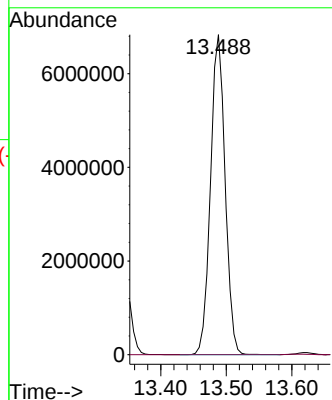
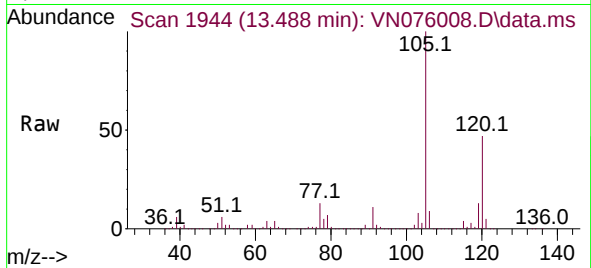




#85
sec-Butylbenzene
Concen: 534.537 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. -0.129 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

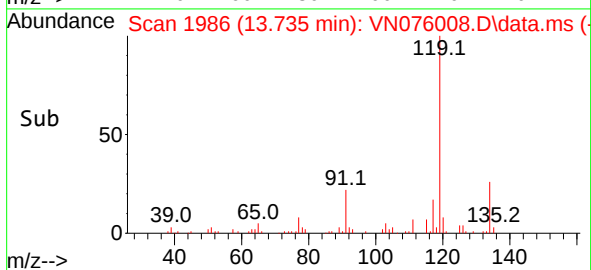
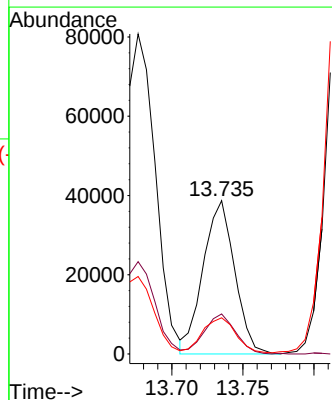
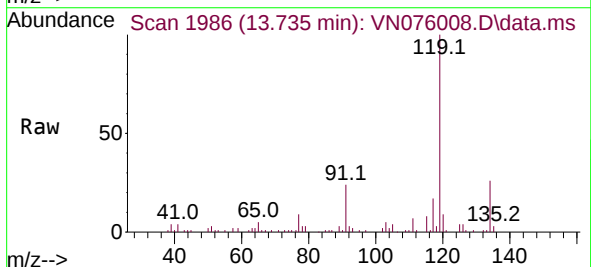
Instrument :
MSVOA_N
ClientSampleId :
MW-10

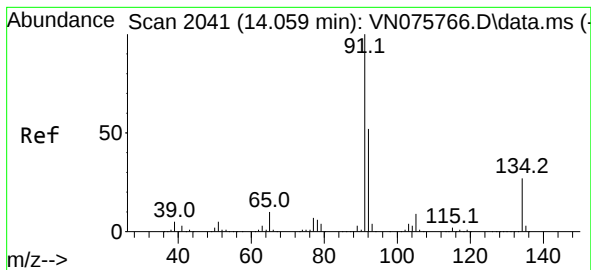
Tgt Ion:105 Resp:10565565
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#



#86
p-Isopropyltoluene
Concen: 3.629 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN076008.D
Acq: 28 Dec 2022 18:32

Tgt Ion:119 Resp: 59680
Ion Ratio Lower Upper
119 100
134 26.1 13.0 39.0
91 0.0 11.2 33.6#





#89

n-Butylbenzene

Concen: 1.065 ug/l

RT: 14.123 min Scan# 2052

Delta R.T. 0.065 min

Lab File: VN076008.D

Acq: 28 Dec 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MW-10

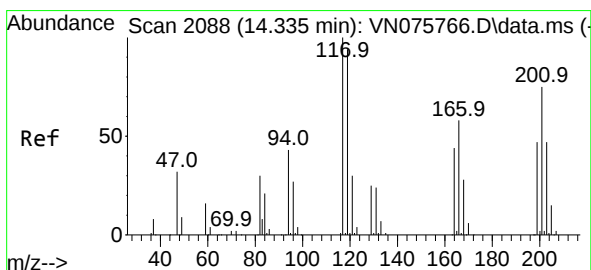
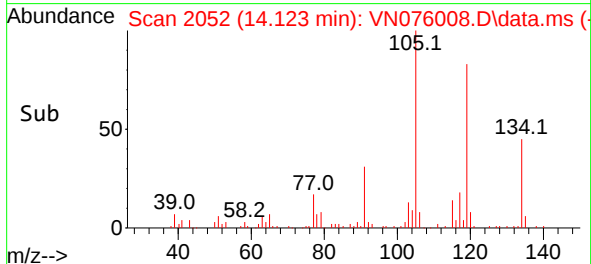
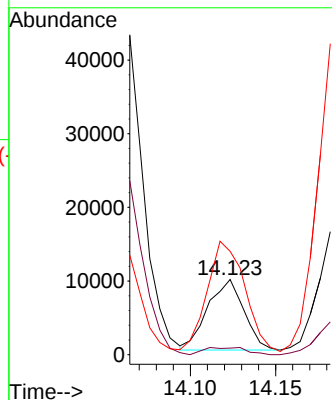
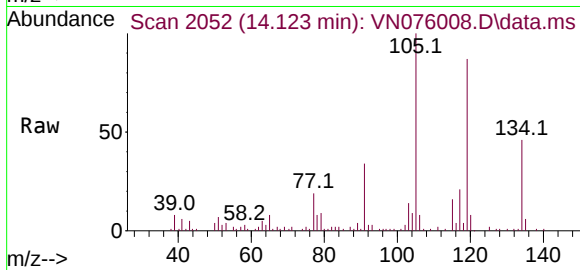
Tgt Ion: 91 Resp: 14191

Ion Ratio Lower Upper

91 100

92 0.0 26.4 79.2#

134 160.8 13.4 40.2#



#90

Hexachloroethane

Concen: 32.868 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076008.D

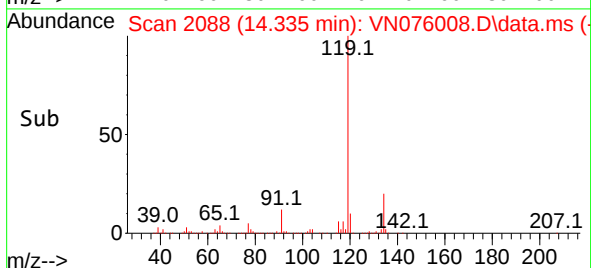
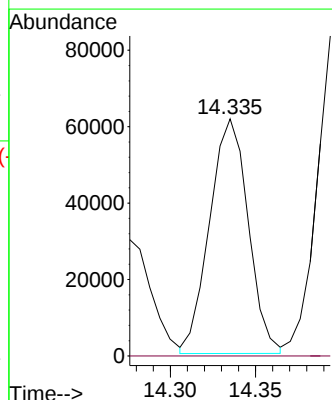
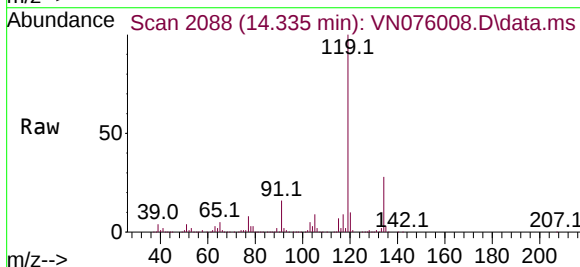
Acq: 28 Dec 2022 18:32

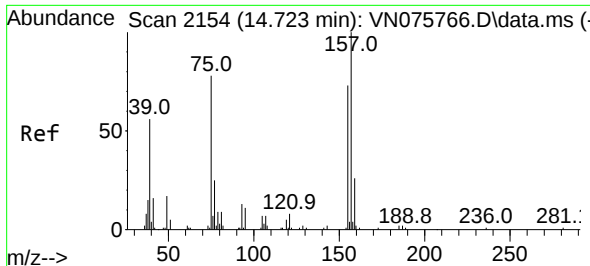
Tgt Ion:117 Resp: 96699

Ion Ratio Lower Upper

117 100

201 0.0 38.0 114.1#

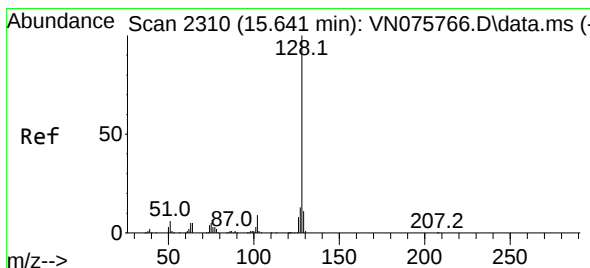
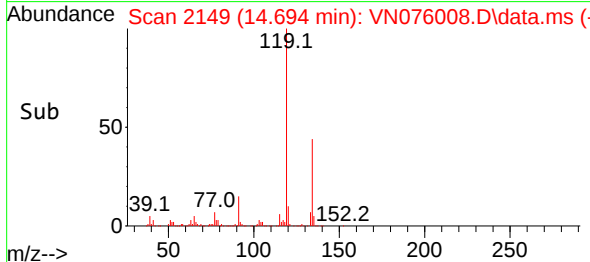
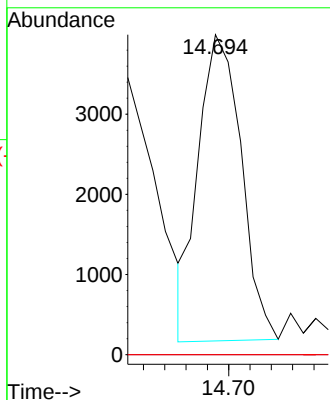
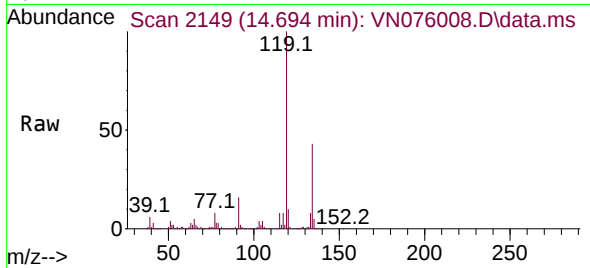




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.002 ug/l
 RT: 14.694 min Scan# 2154
 Delta R.T. -0.030 min
 Lab File: VN076008.D
 Acq: 28 Dec 2022 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

Tgt Ion: 75 Resp: 5325
 Ion Ratio Lower Upper
 75 100
 155 0.0 49.3 147.8#
 157 0.0 63.7 191.3#



#95
 Naphthalene
 Concen: 122.910 ug/l
 RT: 15.647 min Scan# 2311
 Delta R.T. 0.006 min
 Lab File: VN076008.D
 Acq: 28 Dec 2022 18:32

Tgt Ion: 128 Resp: 1844916
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 10.8 8.7 13.1

