

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010077.D
 Acq On : 17 Aug 2022 18:35
 Operator : KP/MD
 Sample : N4124-07
 Misc : 9.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NJP7

Quant Time: Aug 18 08:22:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

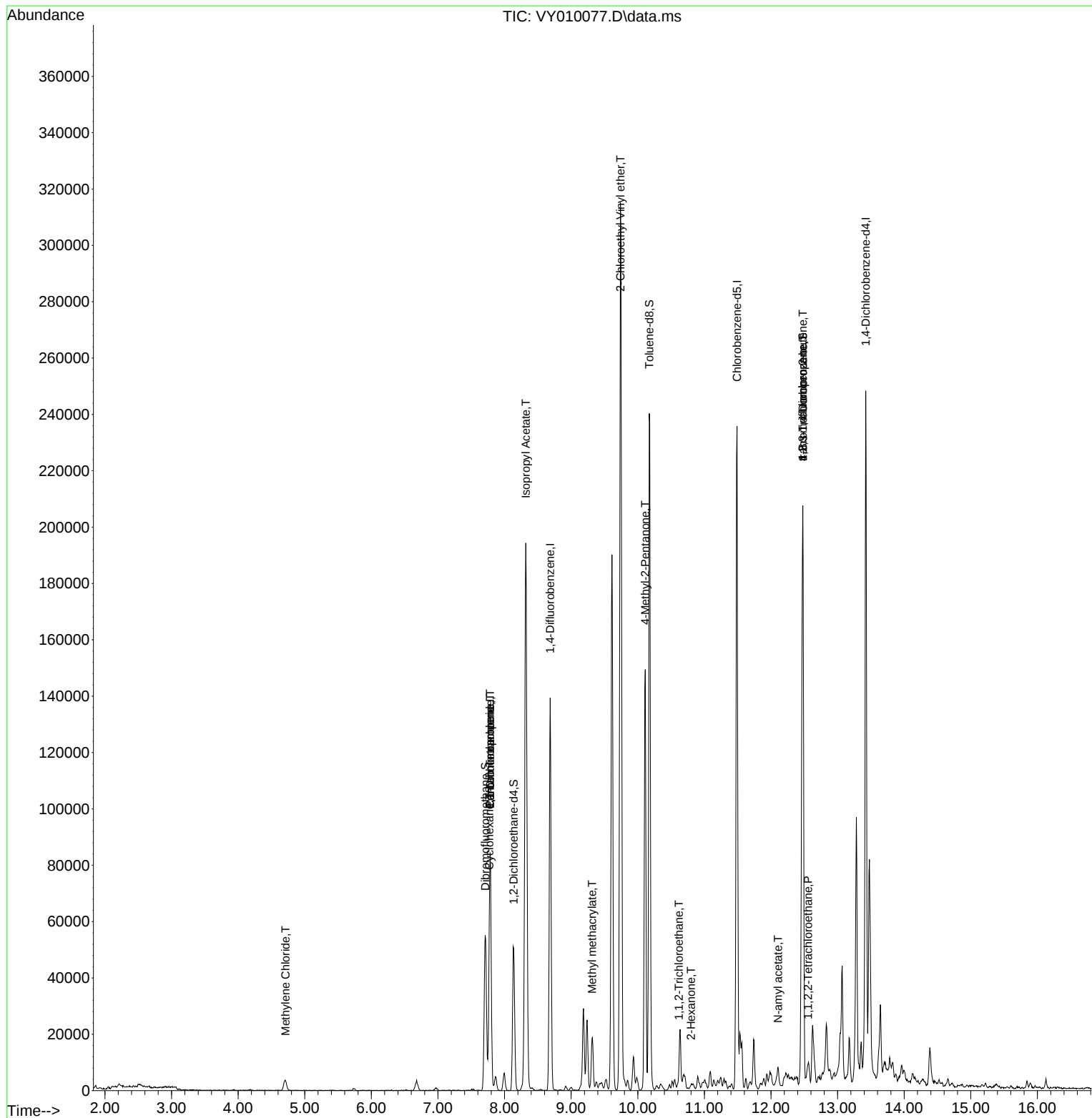
Internal Standards						
1) Pentafluorobenzene	7.783	168	68091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	121673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41252	60.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.180%	
35) Dibromofluoromethane	7.710	113	38896	49.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.580%	
50) Toluene-d8	10.173	98	154511	52.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.477	95	53782	52.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.900%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	2947	1.070	ug/l	93
31) Cyclohexane	7.771	56	1807	1.878	ug/l #	35
36) 1,1-Dichloropropene	7.783	75	4465	4.062	ug/l #	51
38) Carbon Tetrachloride	7.783	117	6094	4.508	ug/l #	18
43) Isopropyl Acetate	8.319	43	35227	33.528	ug/l #	52
48) Methyl methacrylate	9.313	41	4139	9.054	ug/l #	48
51) 4-Methyl-2-Pentanone	10.112	43	15710	27.102	ug/l #	83
55) 1,1,2-Trichloroethane	10.618	97	975	1.450	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.740	63	461	1.370	ug/l #	43
59) 2-Hexanone	10.801	43	1289	26.721	ug/l #	26
74) N-amyl acetate	12.105	43	1585	5.975	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.557	83	1211	1.550	ug/l #	91
76) 1,2,3-Trichloropropane	12.477	75	27511	46.161	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27511	104.319	ug/l #	17

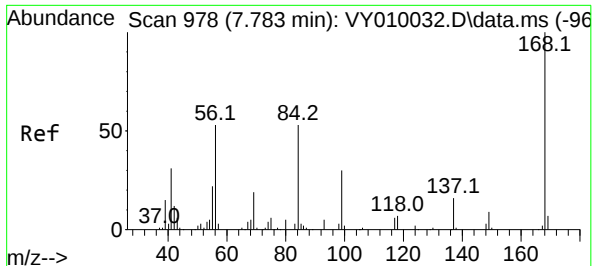
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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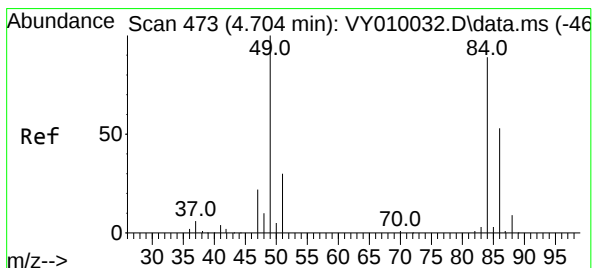
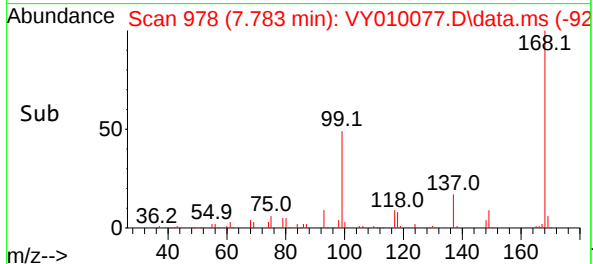
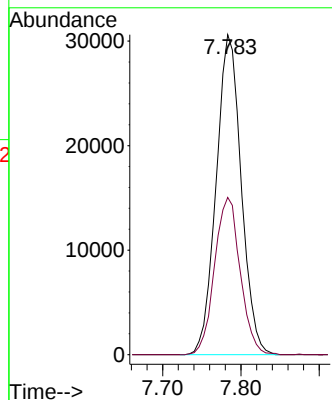
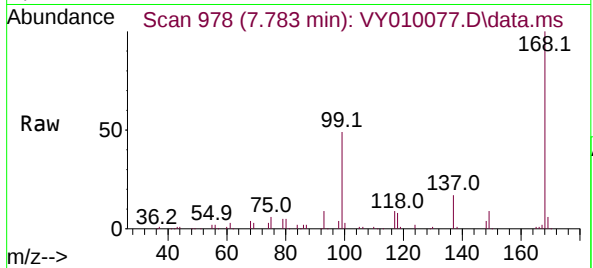




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

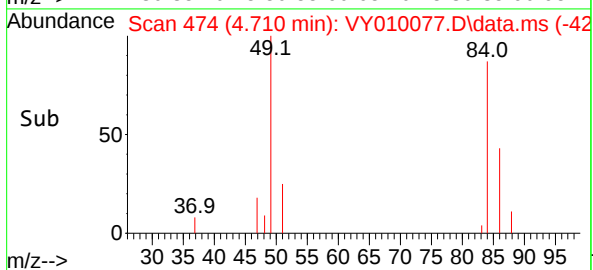
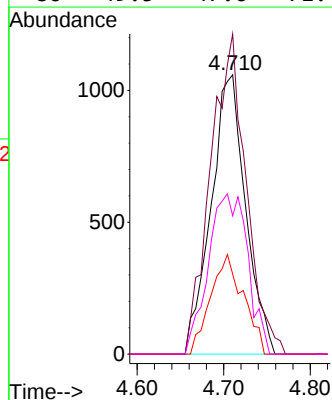
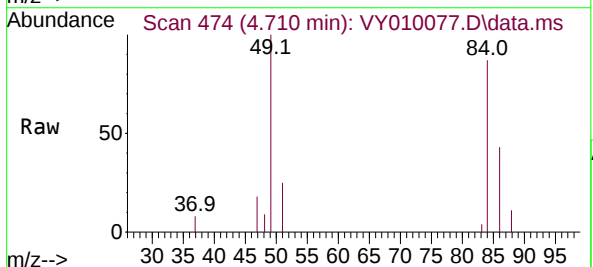
Instrument :
MSVOA_Y
ClientSampleId :
NJP7

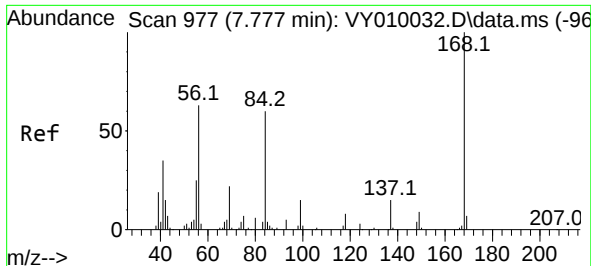
Tgt Ion:168 Resp: 68091
Ion Ratio Lower Upper
168 100
99 49.2 37.7 56.5



#20
Methylene Chloride
Concen: 1.070 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

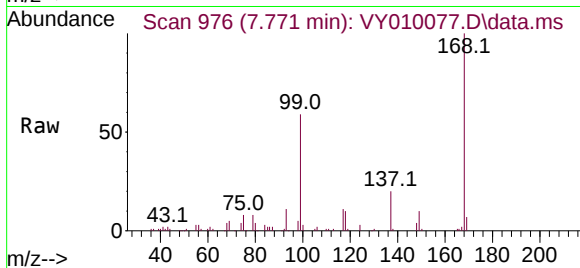
Tgt Ion: 84 Resp: 2947
Ion Ratio Lower Upper
84 100
49 114.6 89.5 134.3
51 28.6 26.8 40.2
86 49.5 47.6 71.4



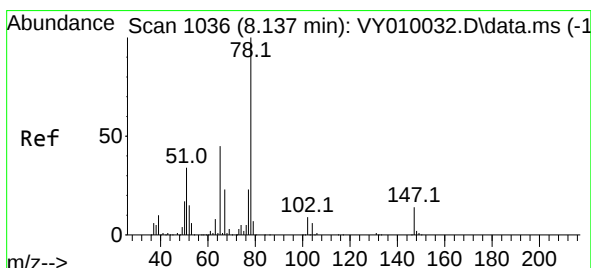
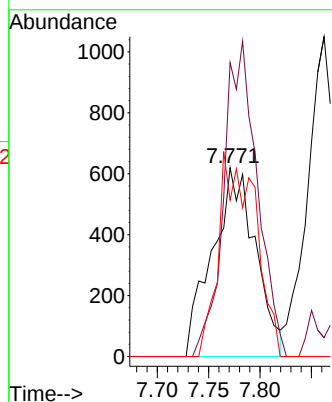
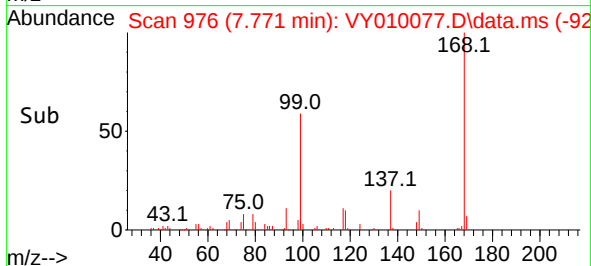


#31
Cyclohexane
Concen: 1.878 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Instrument :
MSVOA_Y
ClientSampleId :
NJP7

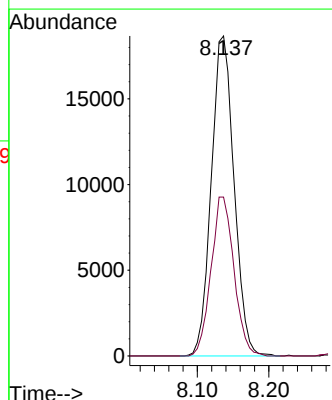
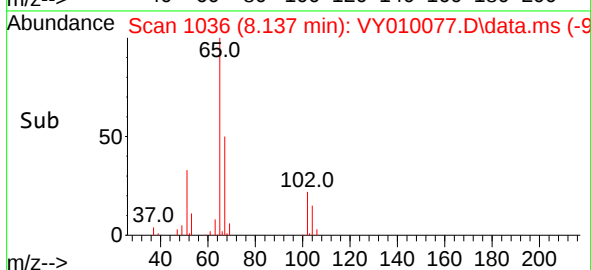
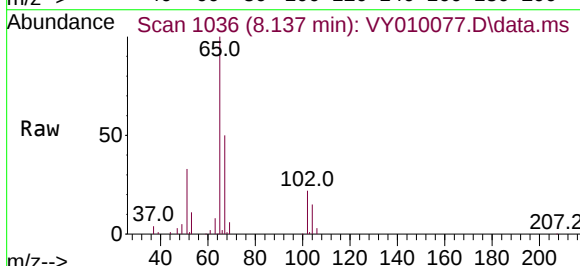


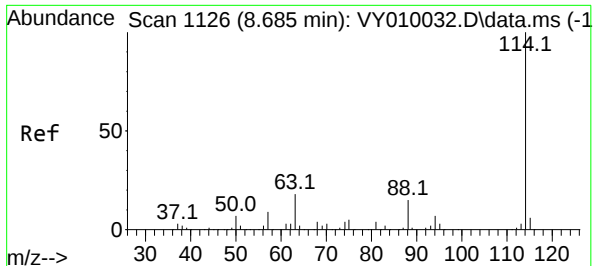
Tgt Ion: 56 Resp: 1807
Ion Ratio Lower Upper
56 100
69 155.6 28.6 43.0#
84 82.7 76.0 114.0



#33
1,2-Dichloroethane-d4
Concen: 60.592 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 65 Resp: 41252
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010077.D

Acq: 17 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

NJP7

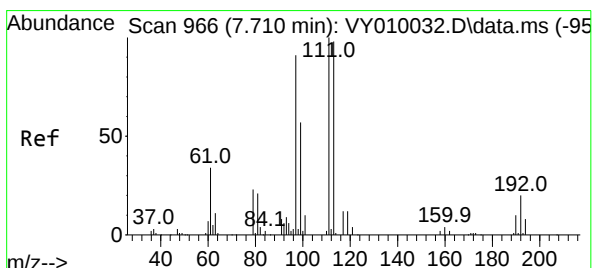
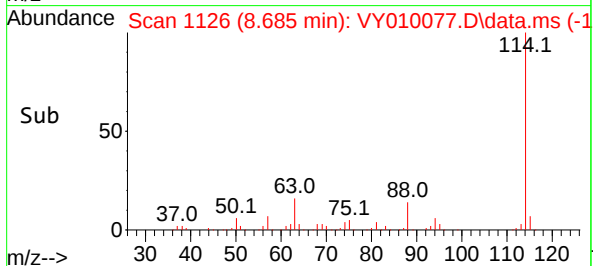
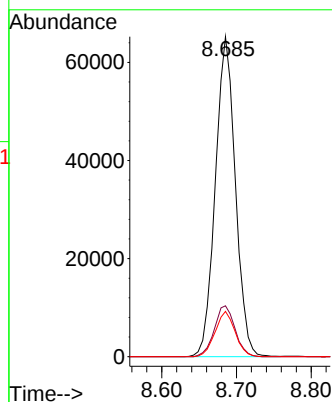
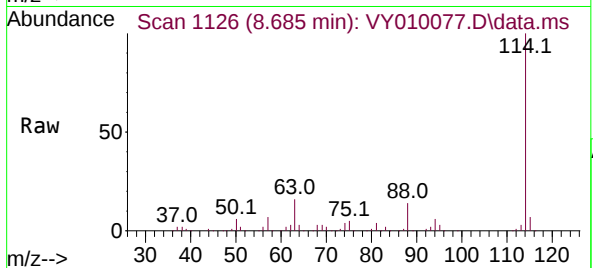
Tgt Ion:114 Resp: 121673

Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.295 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010077.D

Acq: 17 Aug 2022 18:35

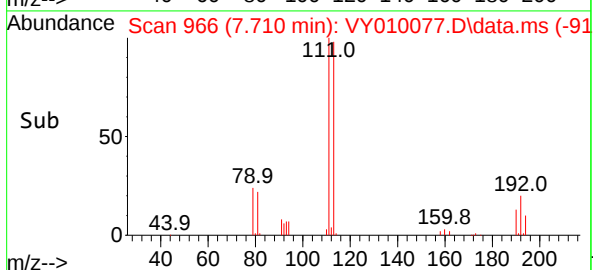
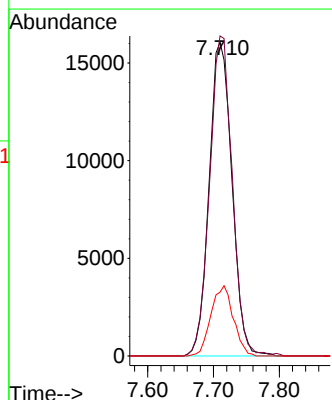
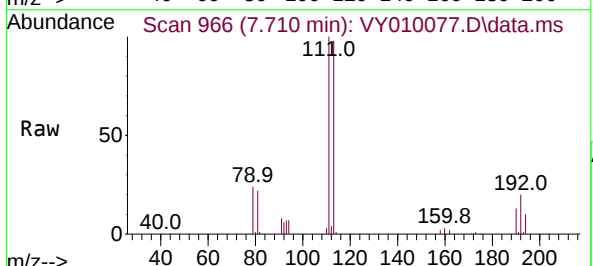
Tgt Ion:113 Resp: 38896

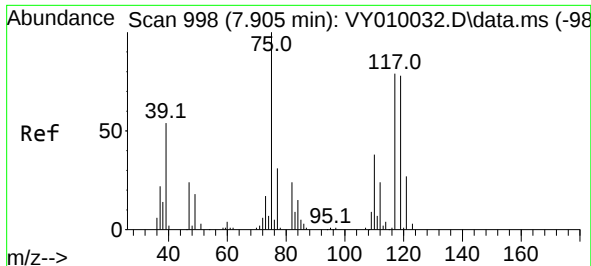
Ion Ratio Lower Upper

113 100

111 100.8 82.7 124.1

192 21.9 17.2 25.8

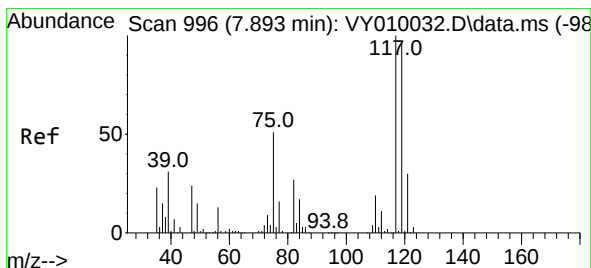
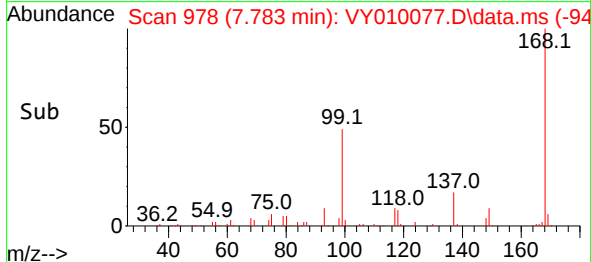
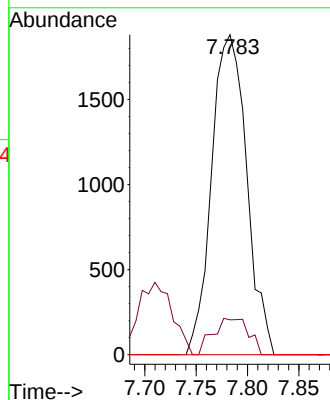
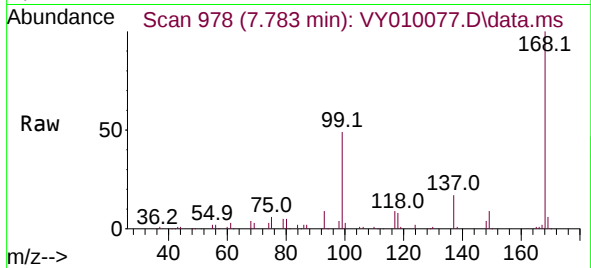




#36
1,1-Dichloropropene
Concen: 4.062 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

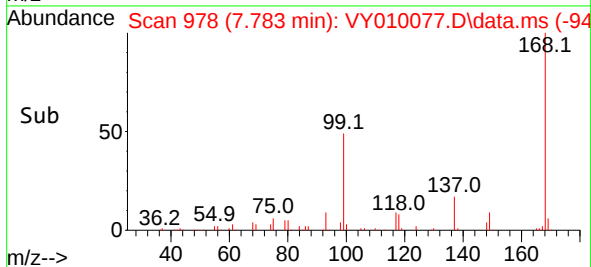
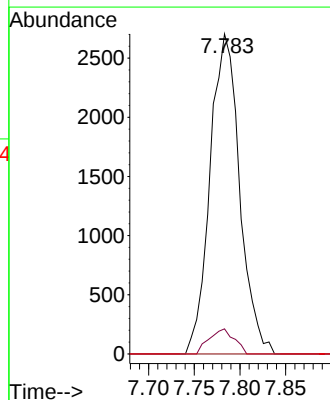
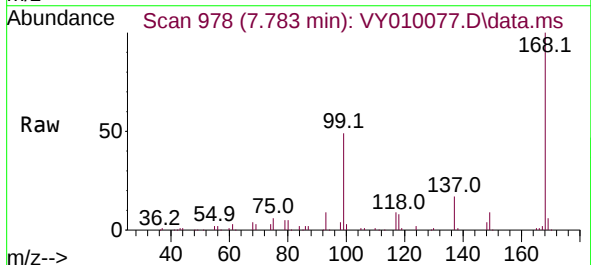
Instrument :
MSVOA_Y
ClientSampleId :
NJP7

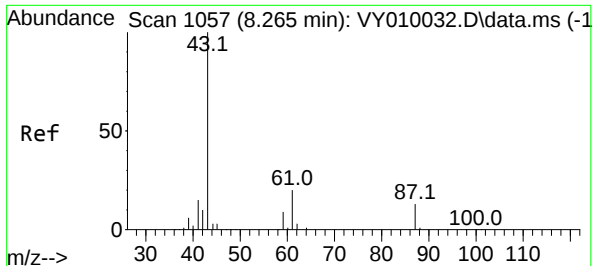
Tgt Ion: 75 Resp: 4465
Ion Ratio Lower Upper
75 100
110 11.5 18.4 55.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.508 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 117 Resp: 6094
Ion Ratio Lower Upper
117 100
119 7.8 77.0 115.6#
121 0.0 24.2 36.4#





#43

Isopropyl Acetate

Concen: 33.528 ug/l

RT: 8.319 min Scan# 1066

Delta R.T. 0.054 min

Lab File: VY010077.D

Acq: 17 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

NJP7

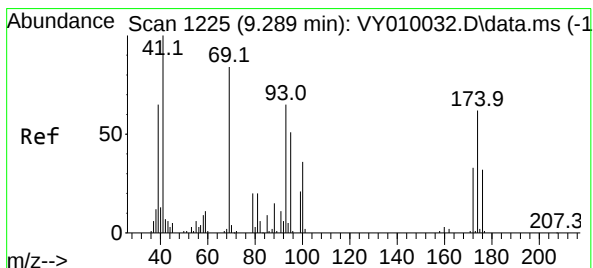
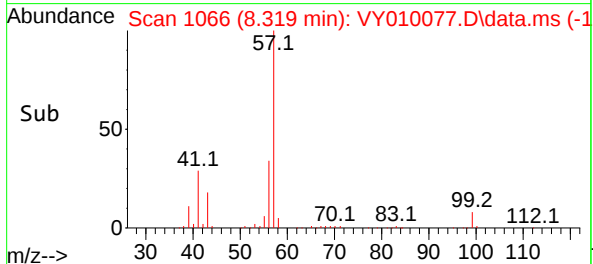
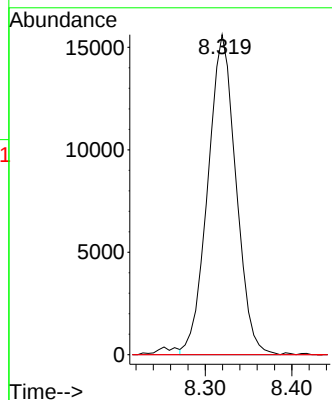
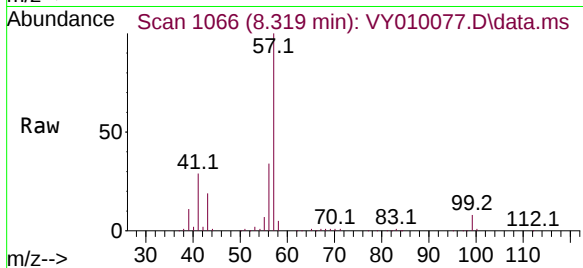
Tgt Ion: 43 Resp: 35227

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.6#

87 0.0 11.1 16.7#



#48

Methyl methacrylate

Concen: 9.054 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY010077.D

Acq: 17 Aug 2022 18:35

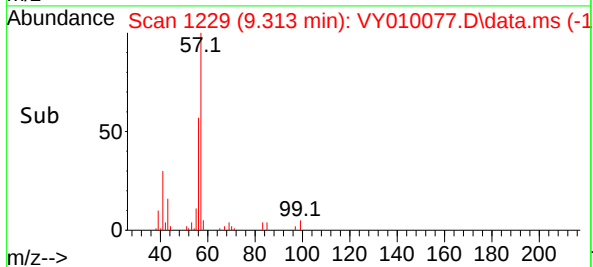
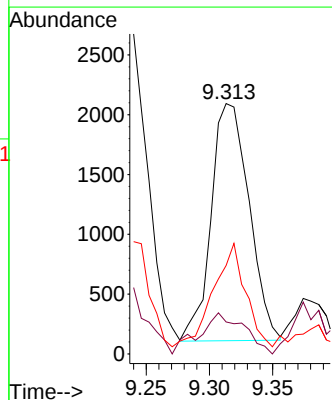
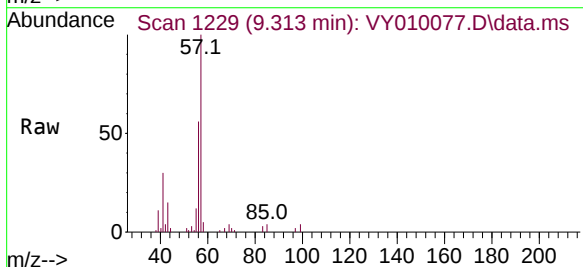
Tgt Ion: 41 Resp: 4139

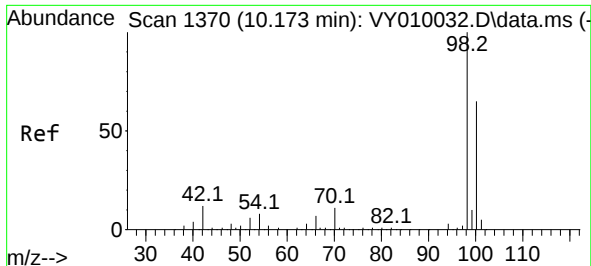
Ion Ratio Lower Upper

41 100

69 20.4 69.1 103.7#

39 43.5 51.5 77.3#

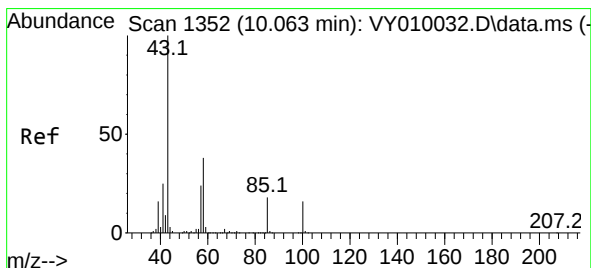
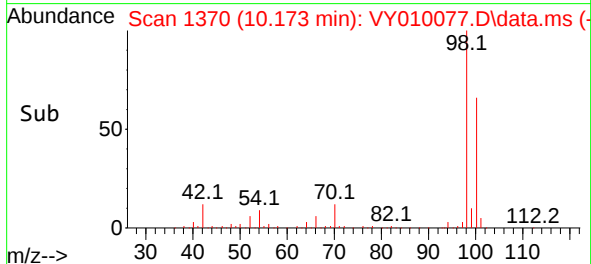
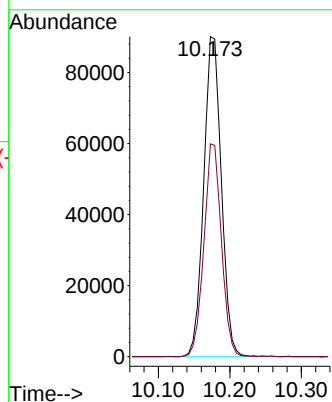
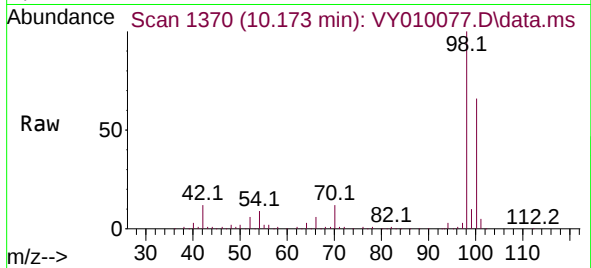




#50
Toluene-d8
Concen: 52.928 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

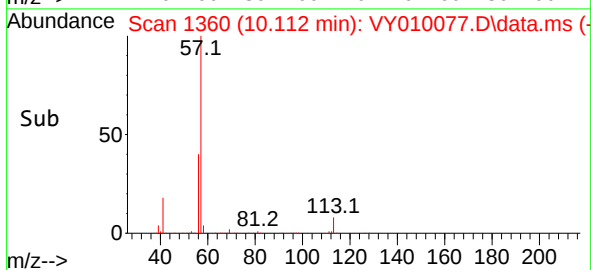
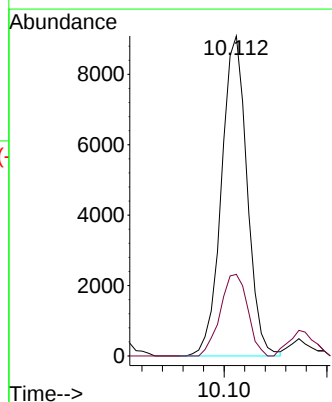
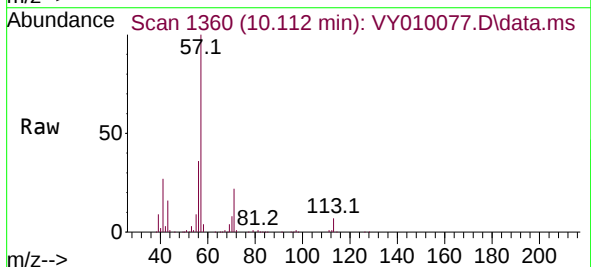
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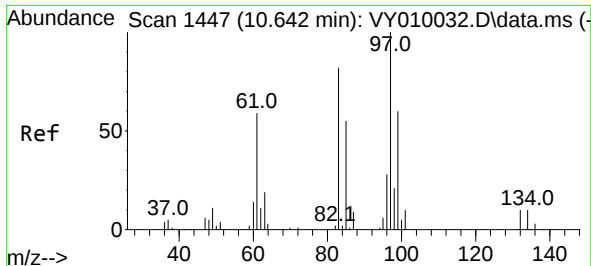
Tgt Ion: 98 Resp: 154511
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 27.102 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.049 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 43 Resp: 15710
Ion Ratio Lower Upper
43 100
58 27.2 29.8 44.8#

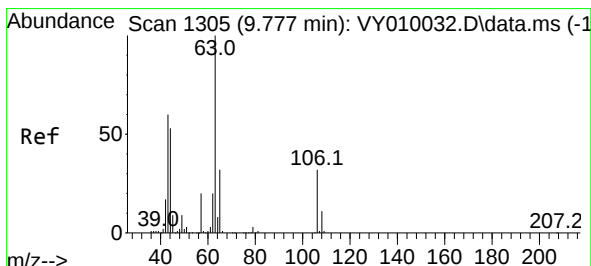
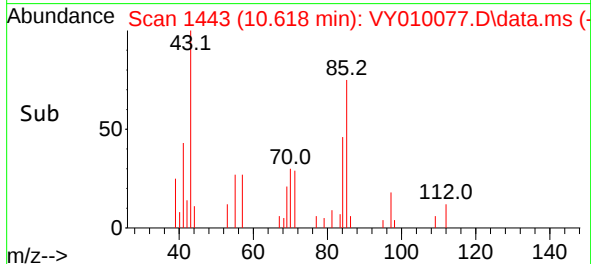
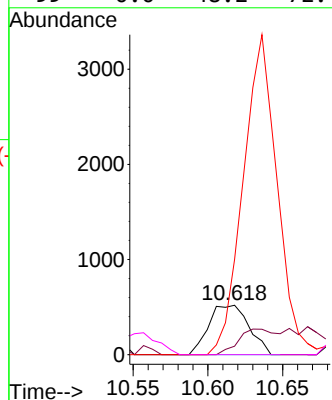
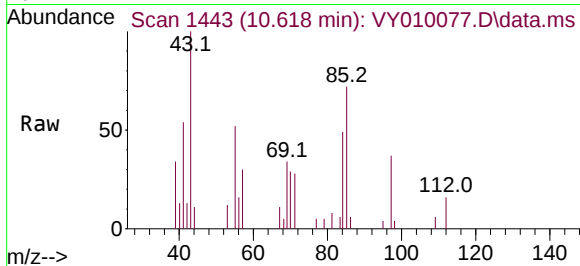




#55
 1,1,2-Trichloroethane
 Concen: 1.450 ug/l
 RT: 10.618 min Scan# 1443
 Delta R.T. -0.024 min
 Lab File: VY010077.D
 Acq: 17 Aug 2022 18:35

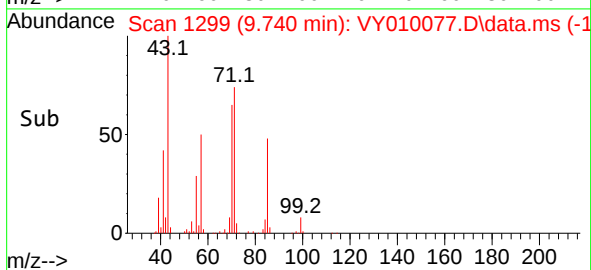
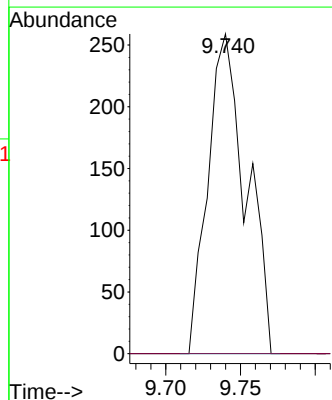
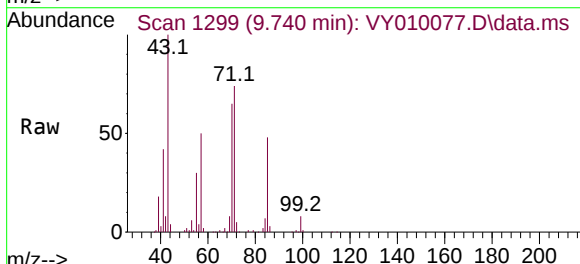
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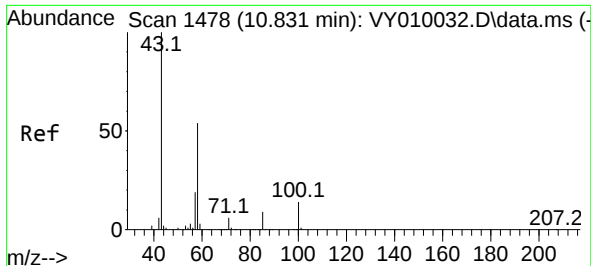
Tgt Ion: 97	Resp:	975	
Ion	Ratio	Lower	Upper
97	100		
83	17.1	65.9	98.9#
85	192.7	44.2	66.2#
99	0.0	48.2	72.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.370 ug/l
 RT: 9.740 min Scan# 1299
 Delta R.T. -0.037 min
 Lab File: VY010077.D
 Acq: 17 Aug 2022 18:35

Tgt Ion: 63	Resp:	461	
Ion Ratio	Lower	Upper	
63 100			
106 0.0	25.7	38.5#	

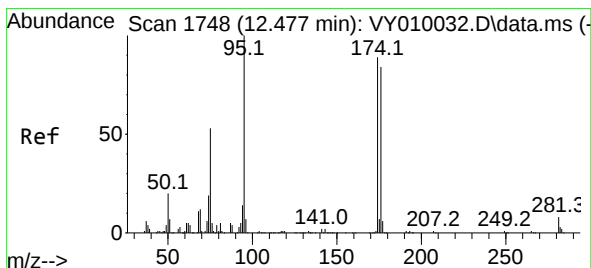
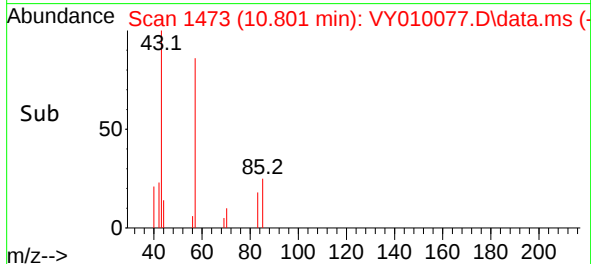
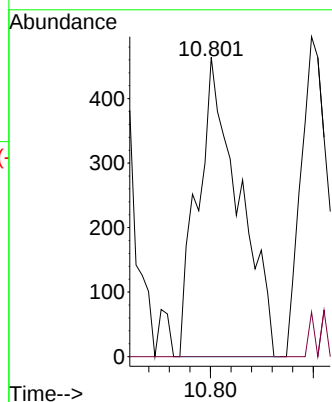
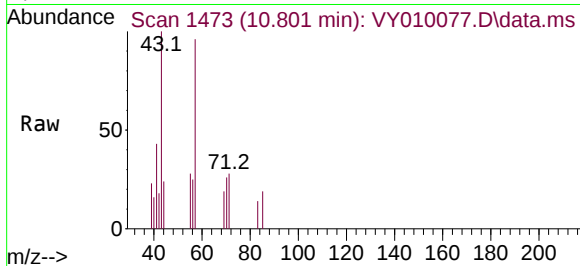




#59
2-Hexanone
Concen: 26.721 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

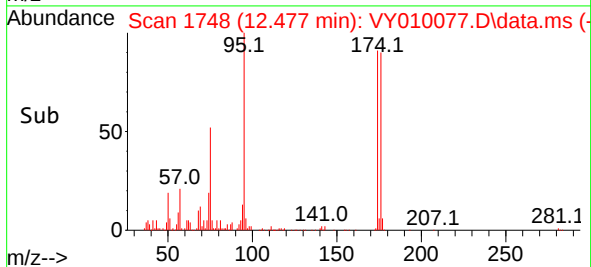
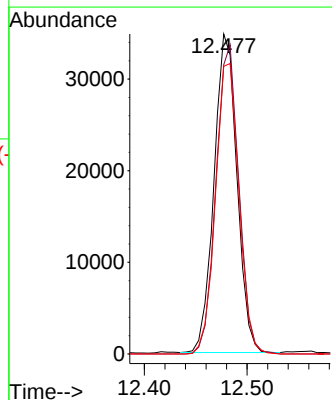
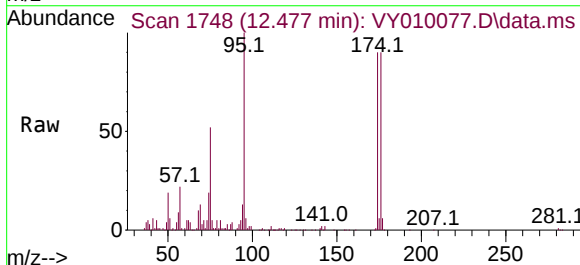
Instrument :
MSVOA_Y
ClientSampleId :
NJP7

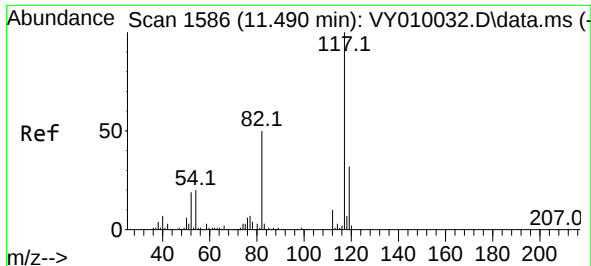
Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 52.452 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 95 Resp: 53782
Ion Ratio Lower Upper
95 100
174 96.5 0.0 184.2
176 93.4 0.0 178.4

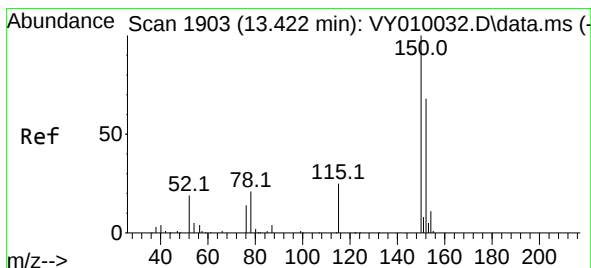
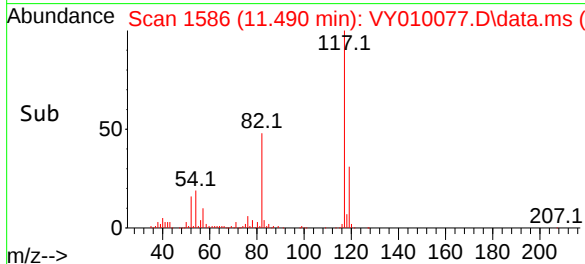
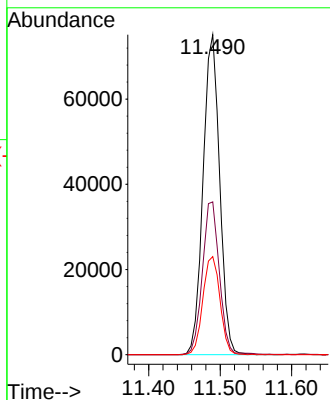
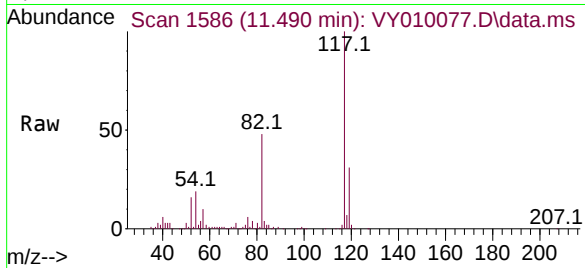




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

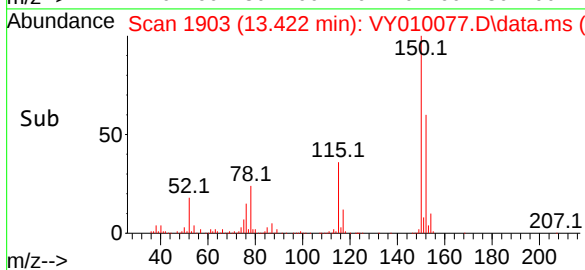
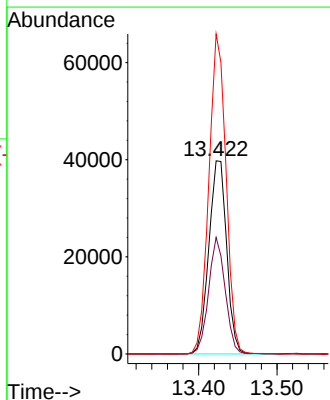
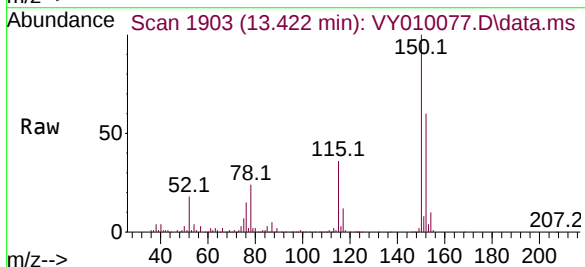
Instrument :
MSVOA_Y
ClientSampleId :
NJP7

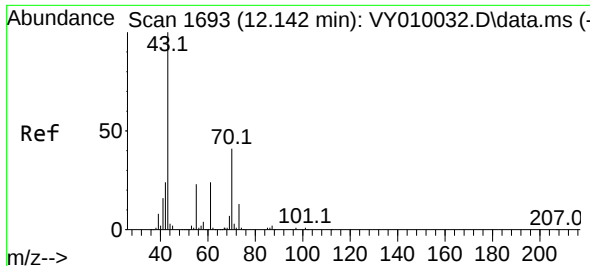
Tgt Ion:117 Resp: 121026
Ion Ratio Lower Upper
117 100
82 47.8 39.8 59.6
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion:152 Resp: 62874
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.3
150 159.0 0.0 346.6

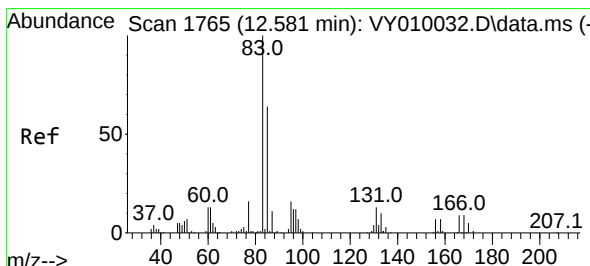
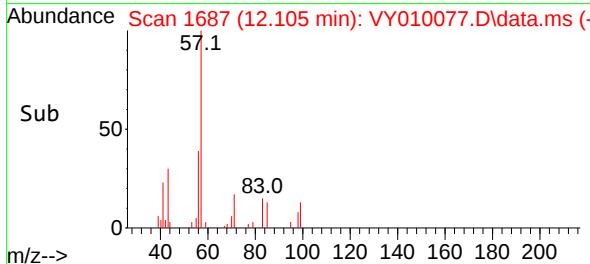
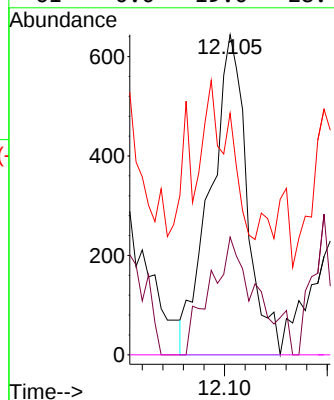
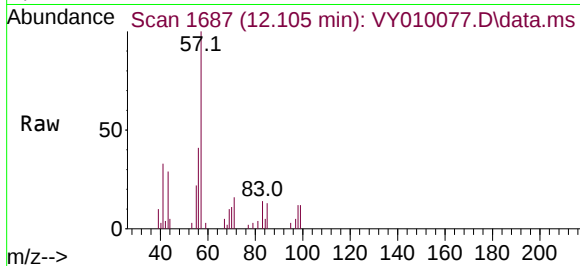




#74
N-amy1 acetate
Concen: 5.975 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.037 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

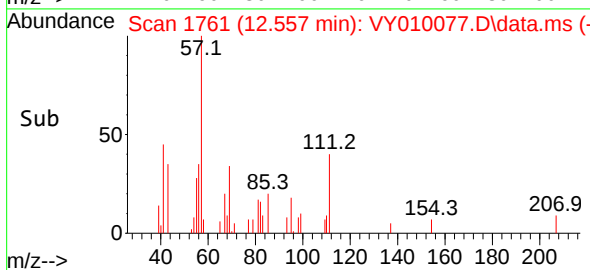
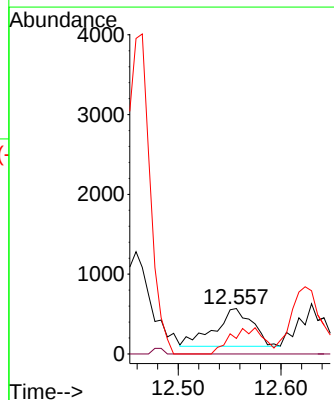
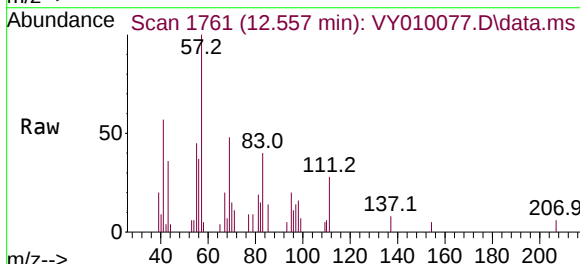
Instrument :
MSVOA_Y
ClientSampleId :
NJP7

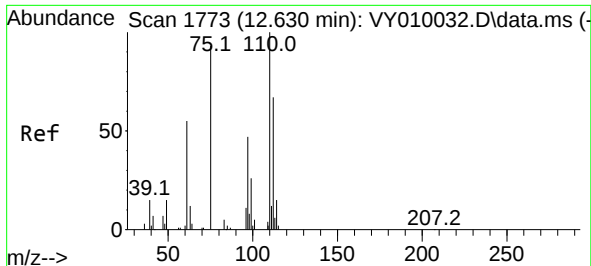
Tgt Ion: 43	Resp: 1585
Ion Ratio	Lower Upper
43 100	
70 47.3	32.3 48.5
55 39.1	19.3 28.9#
61 0.0	19.0 28.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.550 ug/l
RT: 12.557 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 83	Resp: 1211
Ion Ratio	Lower Upper
83 100	
131 0.0	5.8 17.3#
85 60.2	32.3 96.8

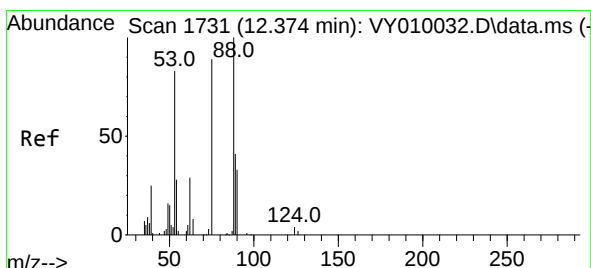
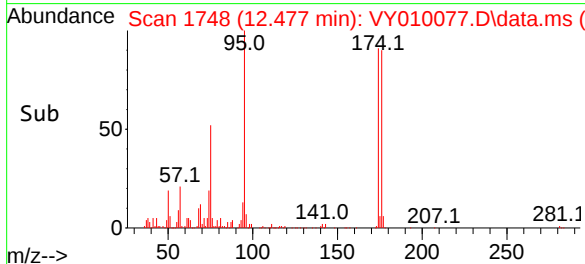
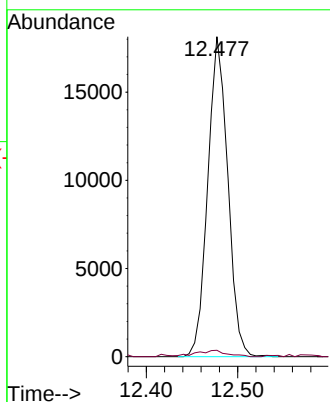
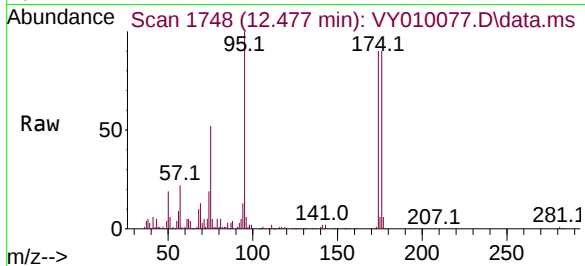




#76
1,2,3-Trichloropropane
Concen: 46.161 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Instrument :
MSVOA_Y
ClientSampleId :
NJP7

Tgt Ion: 75 Resp: 27511
Ion Ratio Lower Upper
75 100
77 3.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.319 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010077.D
Acq: 17 Aug 2022 18:35

Tgt Ion: 75 Resp: 27511
Ion Ratio Lower Upper
75 100
53 6.6 74.2 111.4#
89 0.0 37.8 56.6#

