

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006775.D
 Acq On : 16 Nov 2021 20:33
 Operator : SY/MD
 Sample : M4701-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-111521

Quant Time: Nov 17 04:09:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

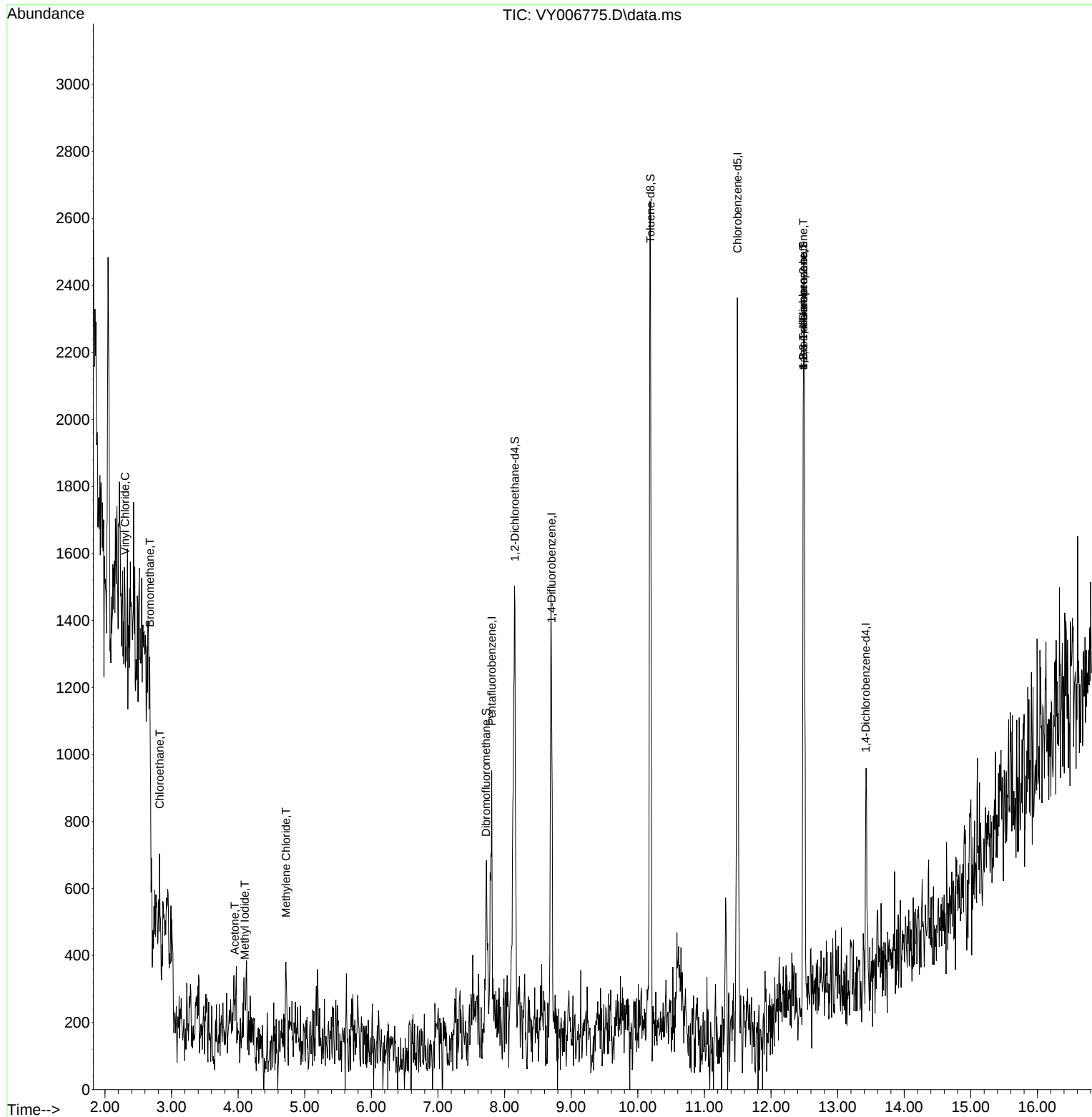
Internal Standards						
1) Pentafluorobenzene	7.807	168	824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	1326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1326	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	923	85.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.940%#	
35) Dibromofluoromethane	7.722	113	420	51.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.140%	
50) Toluene-d8	10.191	98	1866	55.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.720%	
62) 4-Bromofluorobenzene	12.483	95	392	34.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.000%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.302	62	24	1.986	ug/l #	1
5) Bromomethane	2.674	94	109	16.925	ug/l #	4
6) Chloroethane	2.820	64	75	10.143	ug/l #	45
10) Methyl Iodide	4.101	142	273	27.149	ug/l #	36
16) Acetone	3.948	43	158	48.153	ug/l #	46
20) Methylene Chloride	4.716	84	144	12.112	ug/l #	41
76) 1,2,3-Trichloropropane	12.483	75	199	90.612	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	199	179.544	ug/l #	7

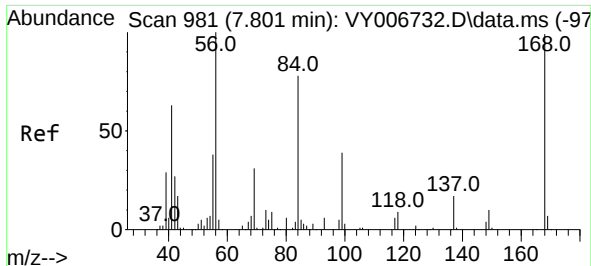
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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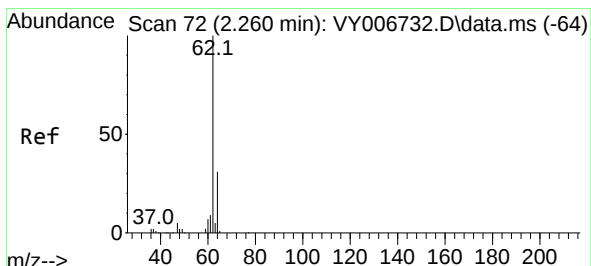
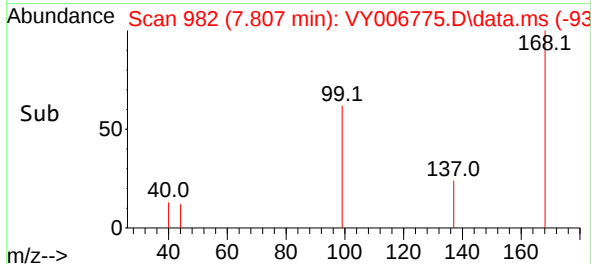
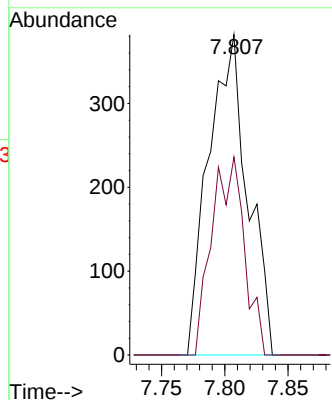
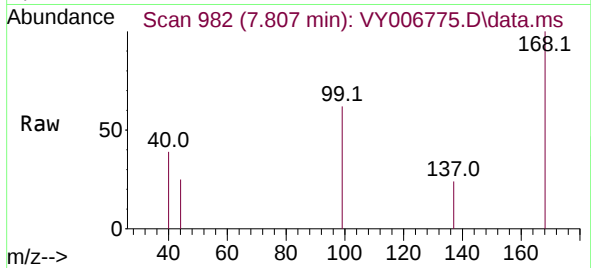




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

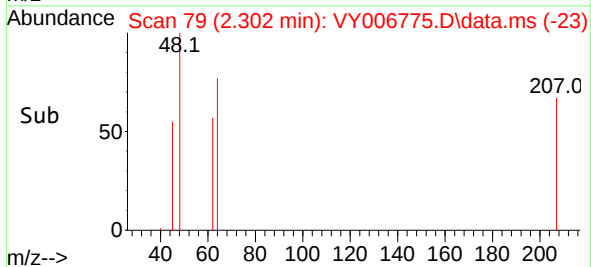
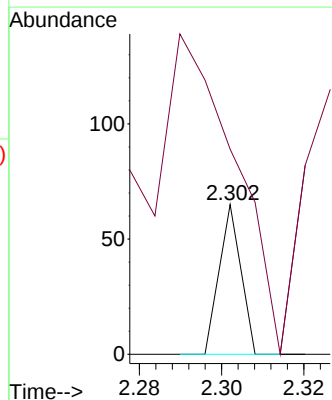
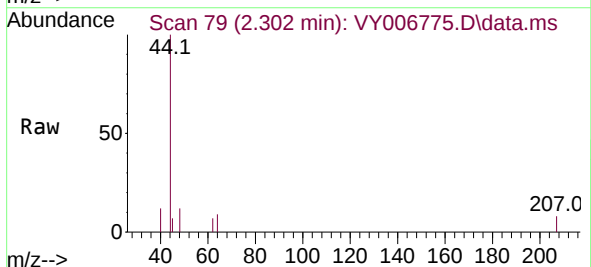
Instrument :
MSVOA_Y
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OR-03-111521

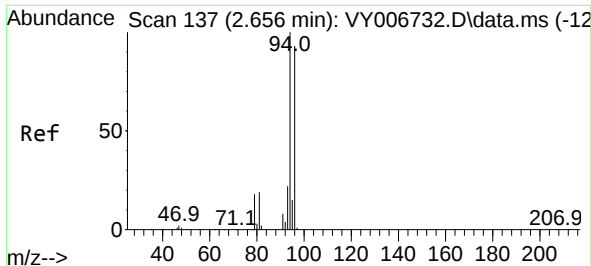
Tgt Ion:168 Resp: 824
Ion Ratio Lower Upper
168 100
99 61.8 44.8 67.2



#4
Vinyl Chloride
Concen: 1.986 ug/l
RT: 2.302 min Scan# 79
Delta R.T. 0.043 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion: 62 Resp: 24
Ion Ratio Lower Upper
62 100
64 136.9 24.7 37.1#

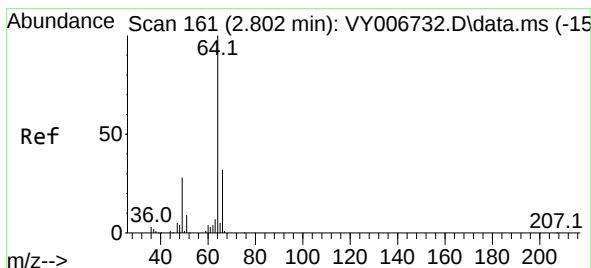
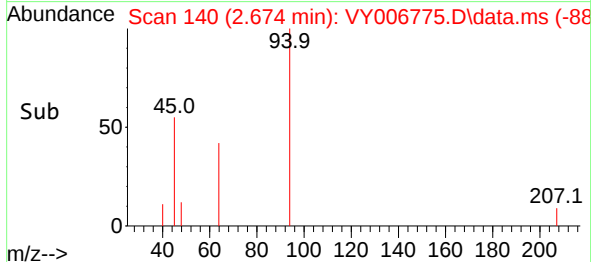
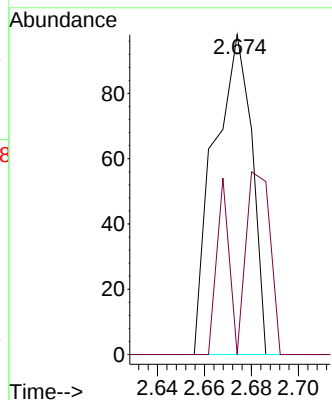
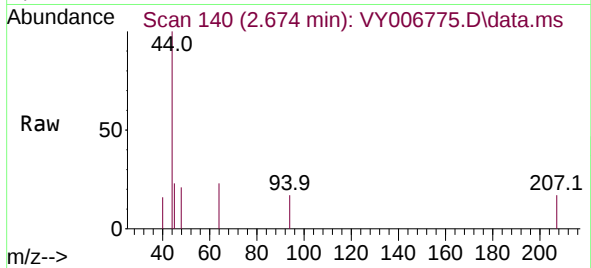




#5
Bromomethane
Concen: 16.925 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

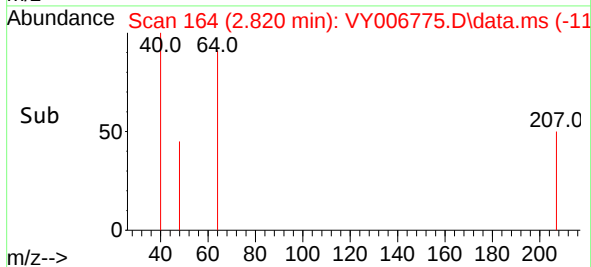
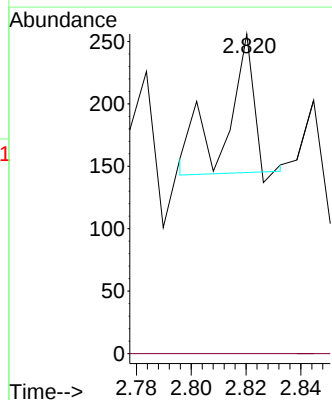
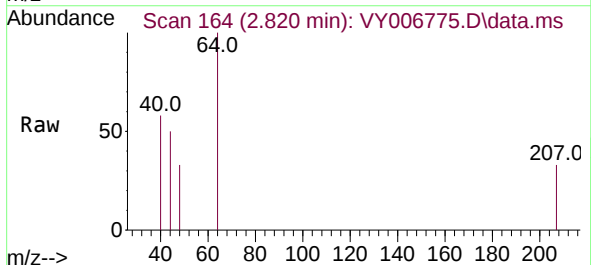
Instrument :
MSVOA_Y
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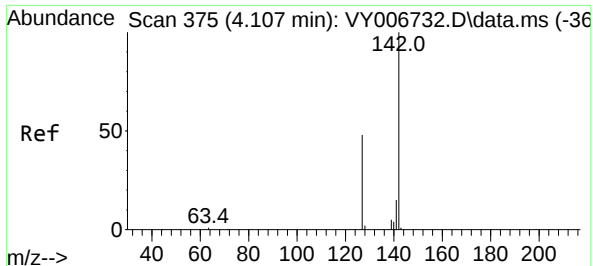
Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: 10.143 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.018 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#

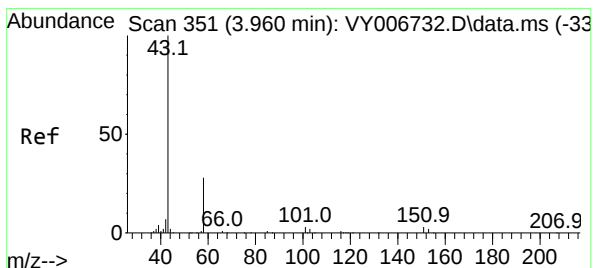
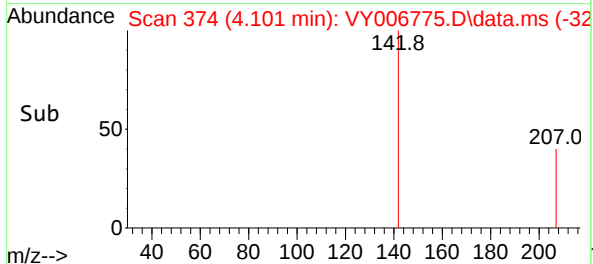
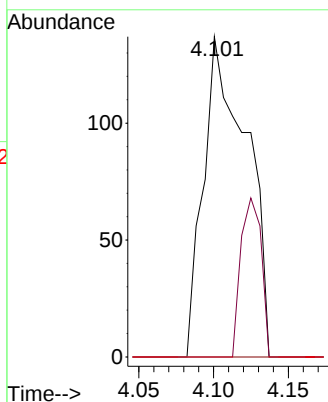
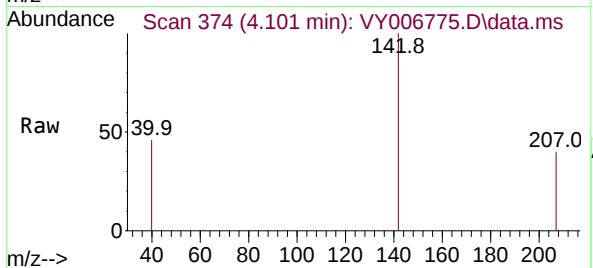




#10
Methyl Iodide
Concen: 27.149 ug/l
RT: 4.101 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

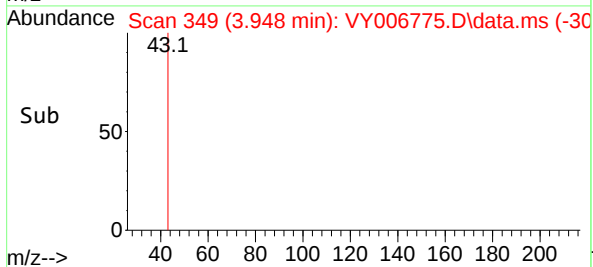
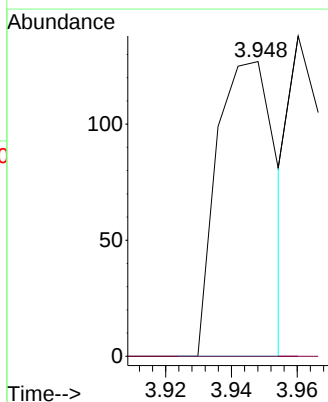
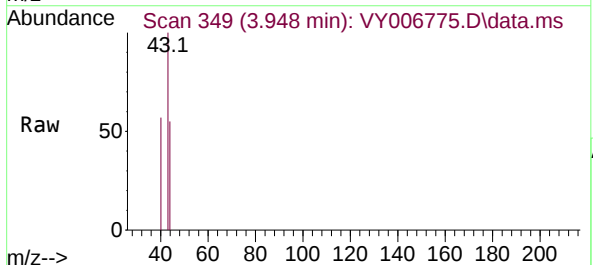
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-111521

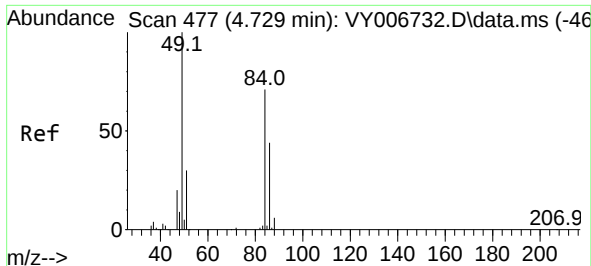
Tgt Ion:142 Resp: 273
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 48.153 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

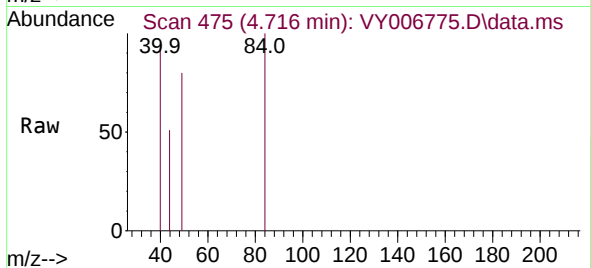
Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



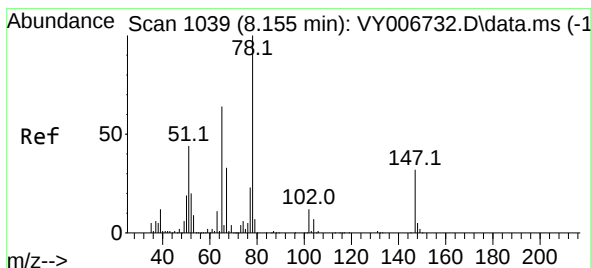
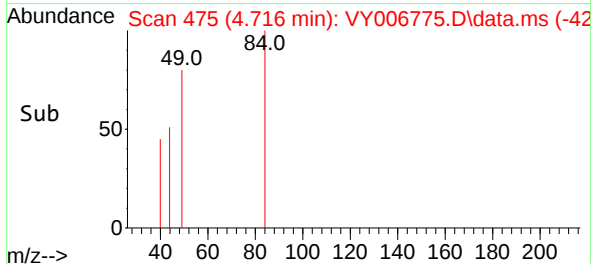
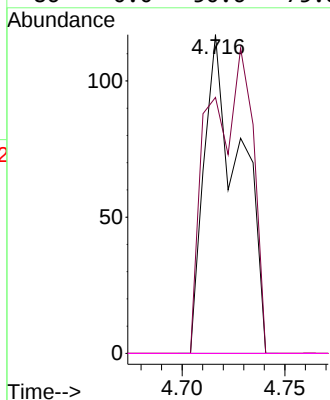


#20
Methylene Chloride
Concen: 12.112 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-111521

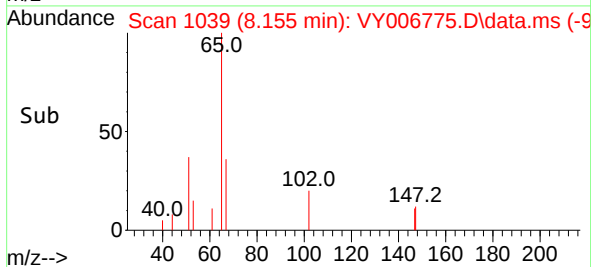
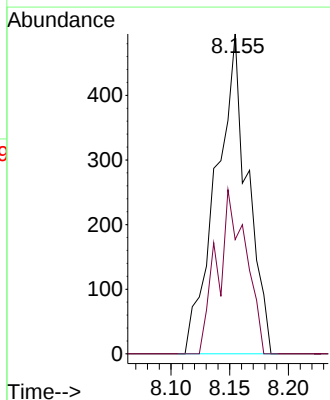
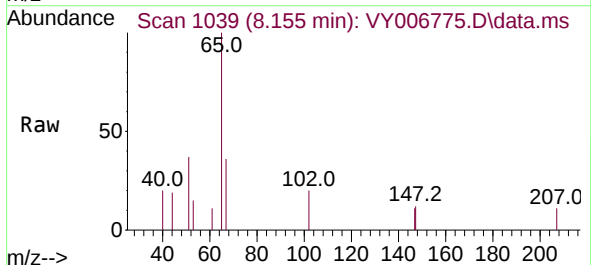


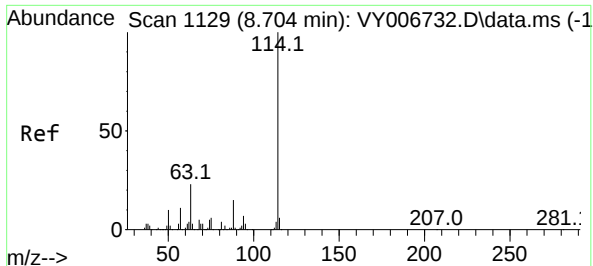
Tgt Ion: 84 Resp: 144
Ion Ratio Lower Upper
84 100
49 80.3 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 85.467 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion: 65 Resp: 923
Ion Ratio Lower Upper
65 100
67 46.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006775.D

Acq: 16 Nov 2021 20:33

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-111521

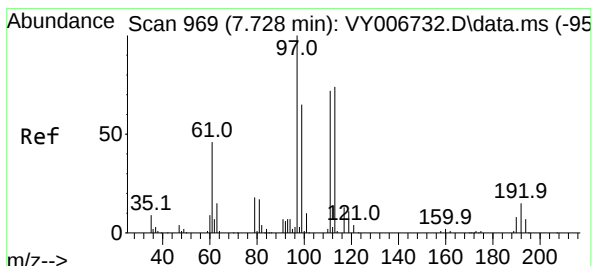
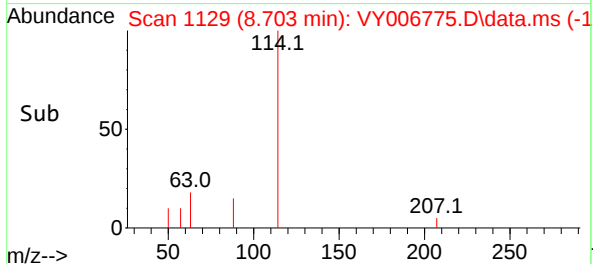
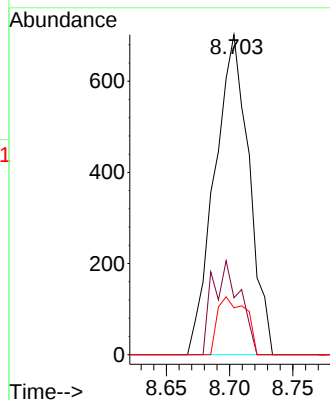
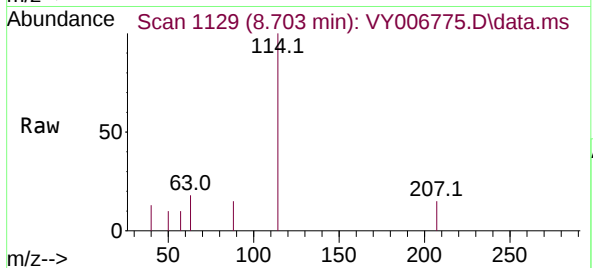
Tgt Ion:114 Resp: 1326

Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.567 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006775.D

Acq: 16 Nov 2021 20:33

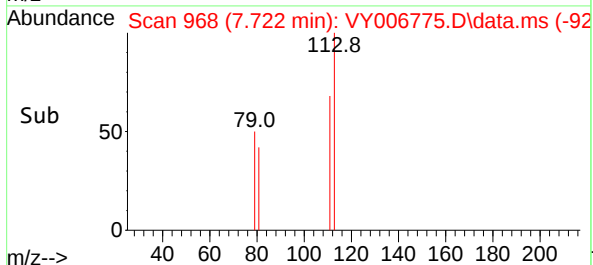
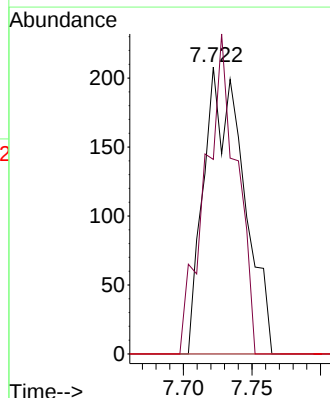
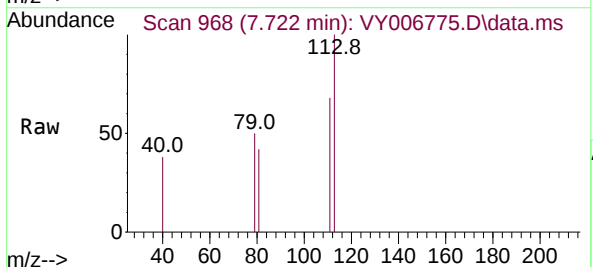
Tgt Ion:113 Resp: 420

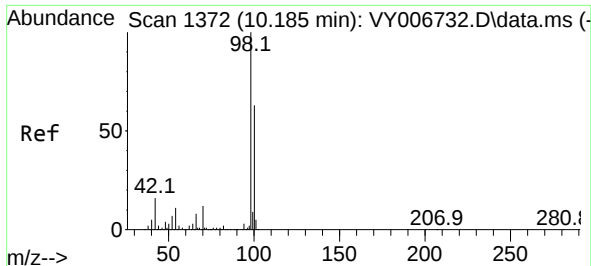
Ion Ratio Lower Upper

113 100

111 88.3 82.3 123.5

192 0.0 17.4 26.2#

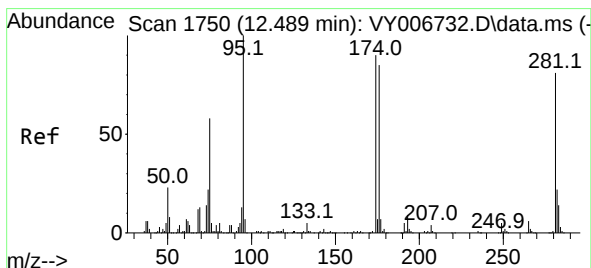
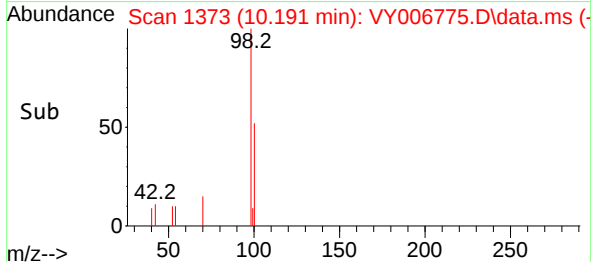
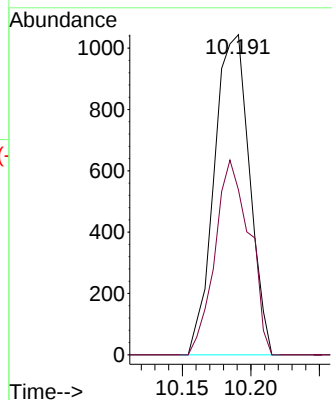
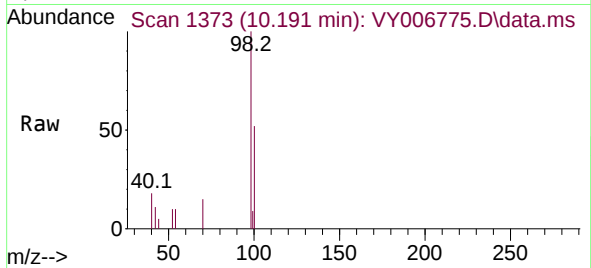




#50
Toluene-d8
Concen: 55.364 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

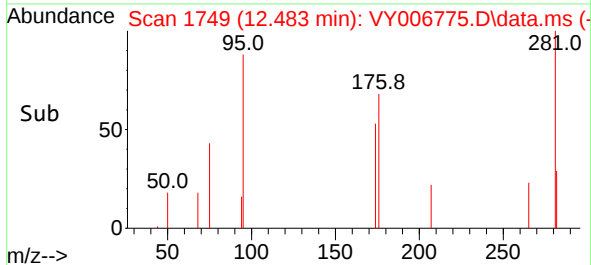
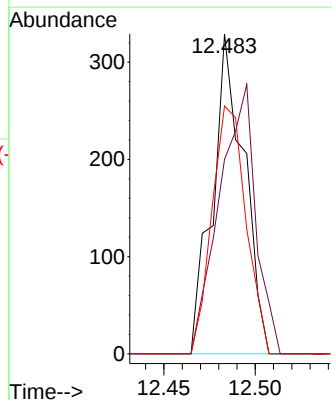
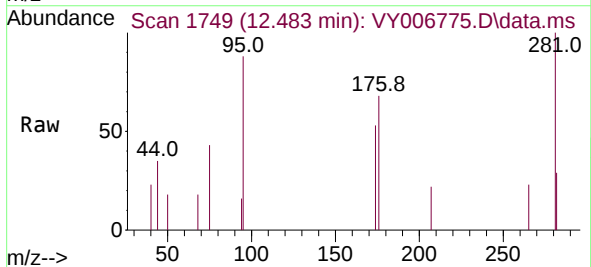
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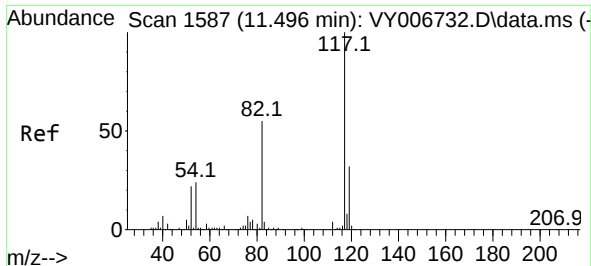
Tgt Ion: 98 Resp: 1866
Ion Ratio Lower Upper
98 100
100 59.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.499 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion: 95 Resp: 392
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 84.2 0.0 169.4

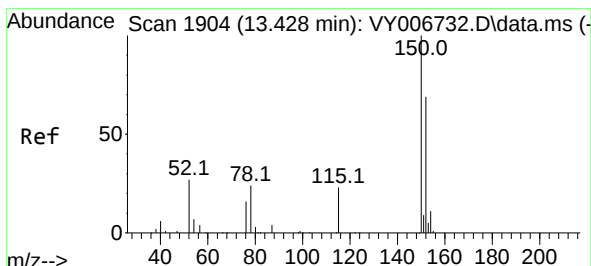
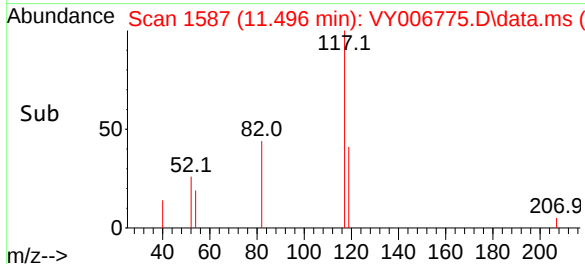
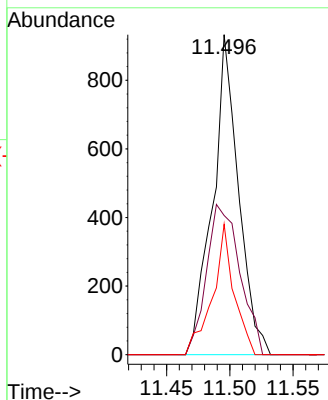
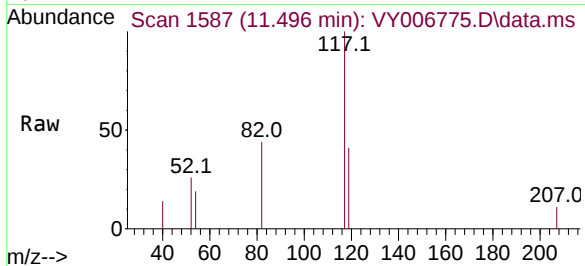




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

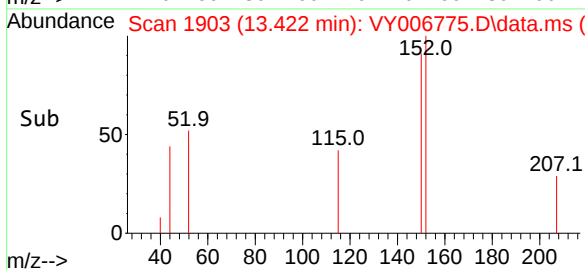
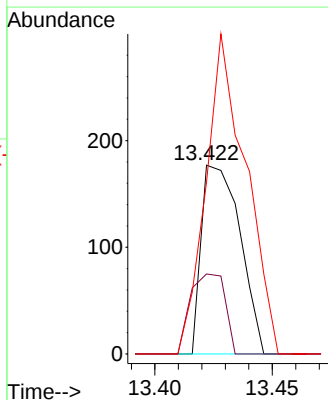
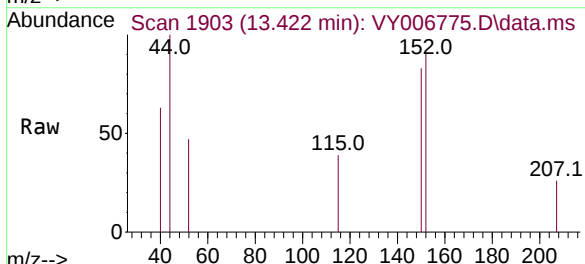
Instrument :
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OR-03-111521

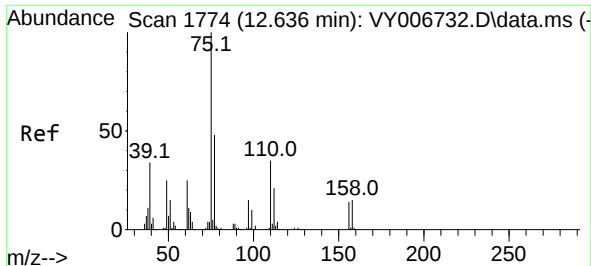
Tgt Ion:117 Resp: 1326
Ion Ratio Lower Upper
117 100
82 43.5 45.7 68.5#
119 40.7 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion:152 Resp: 202
Ion Ratio Lower Upper
152 100
115 38.1 28.5 85.5
150 175.7 0.0 348.2

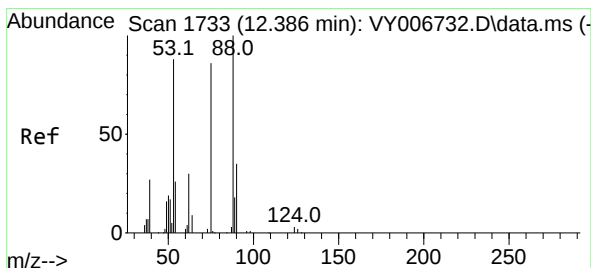
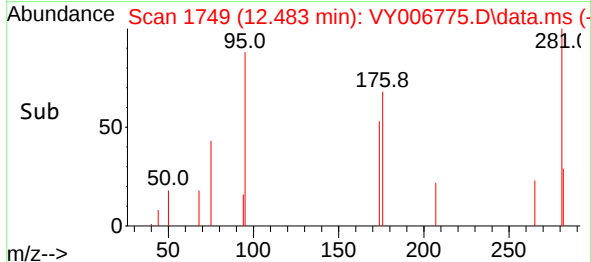
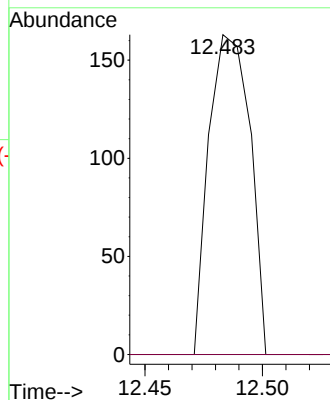
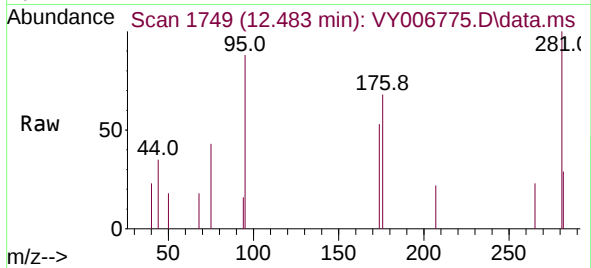




#76
1,2,3-Trichloropropane
Concen: 90.612 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-111521

Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 179.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

