

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006561.D
 Acq On : 01 Nov 2021 18:52
 Operator : SY/MD
 Sample : M4422-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-102921

Quant Time: Nov 02 03:31:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

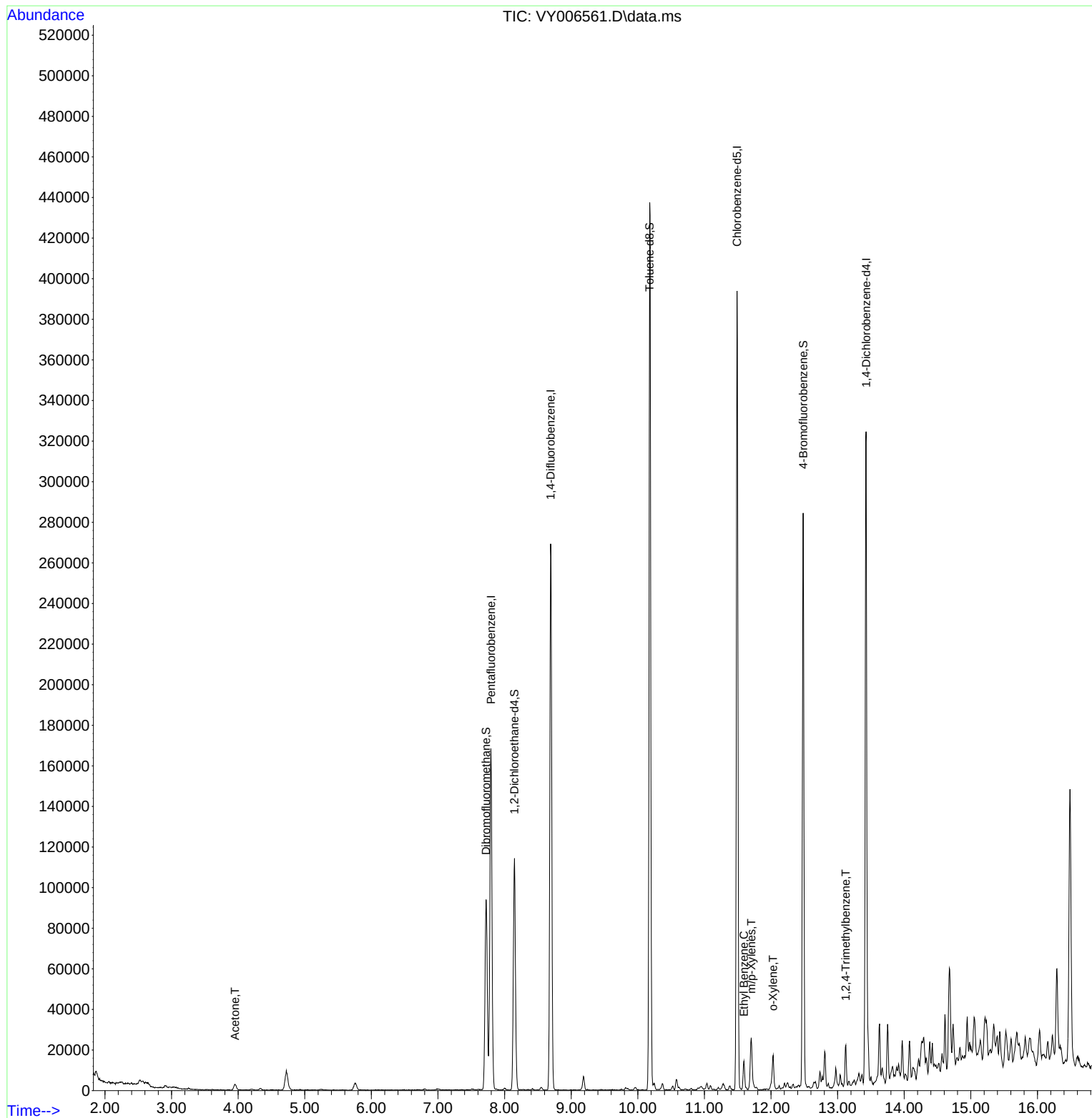
Internal Standards						
1) Pentafluorobenzene	7.795	168	123554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88153	57.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.960%			
35) Dibromofluoromethane	7.722	113	64808	54.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.120%			
50) Toluene-d8	10.179	98	270371	53.694	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.483	95	82390	48.573	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.140%			
Target Compounds						Qvalue
16) Acetone	3.954	43	4949	11.304	ug/l	94
67) Ethyl Benzene	11.593	91	8567	1.202	ug/l	93
68) m/p-Xylenes	11.703	106	6597	2.460	ug/l	96
69) o-Xylene	12.032	106	3792	1.482	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	10835	2.417	ug/l	97

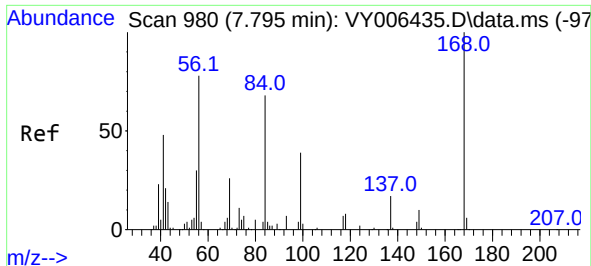
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

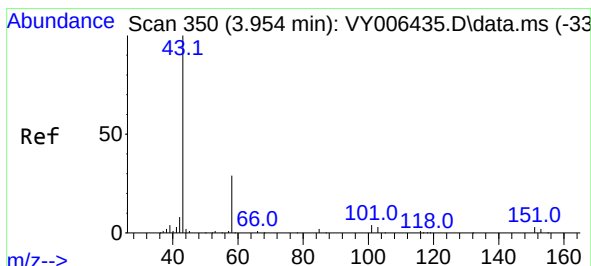
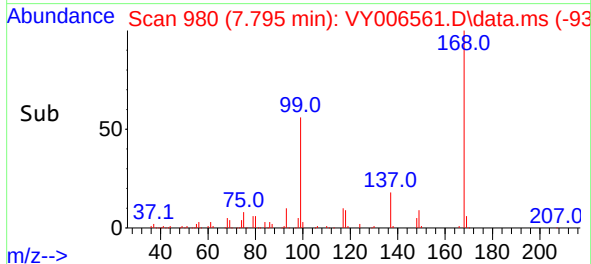
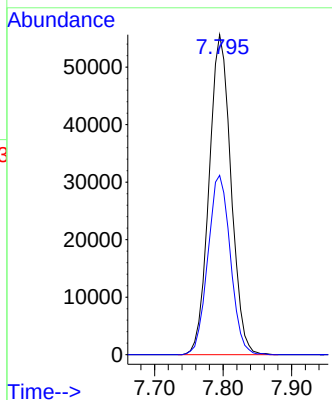
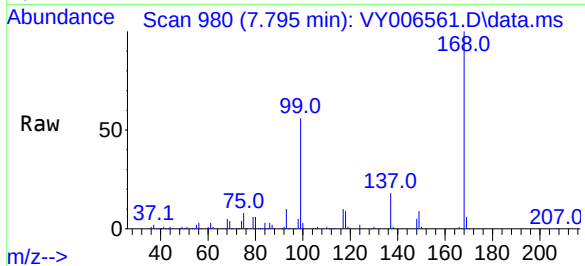




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

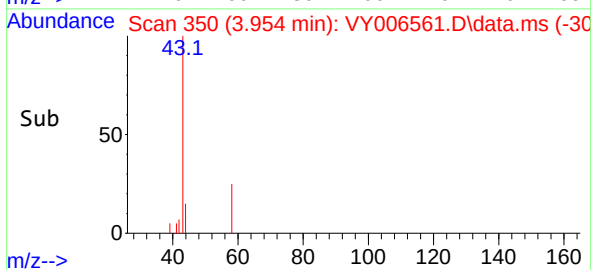
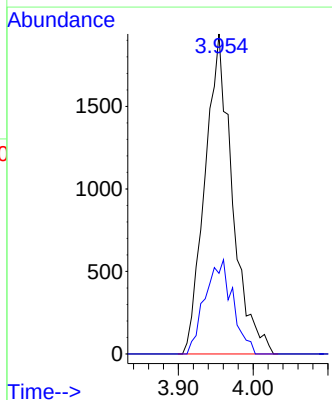
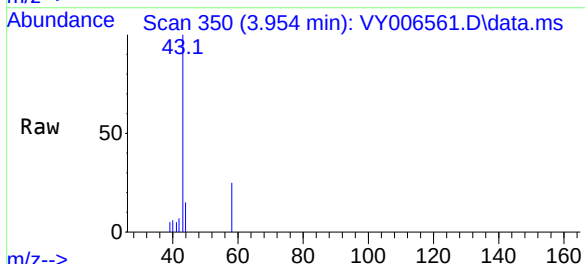
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-102921

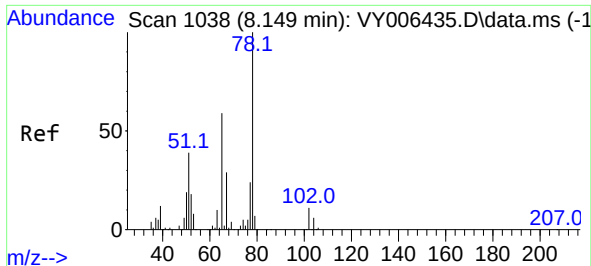
Tgt Ion:168 Resp: 123554
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#16
Acetone
Concen: 11.304 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
58 25.2 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 57.980 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY006561.D

Acq: 01 Nov 2021 18:52

Instrument :

MSVOA_Y

ClientSampleId :

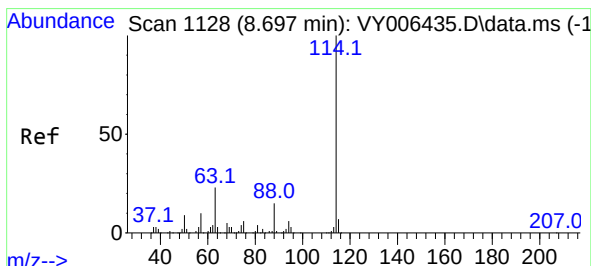
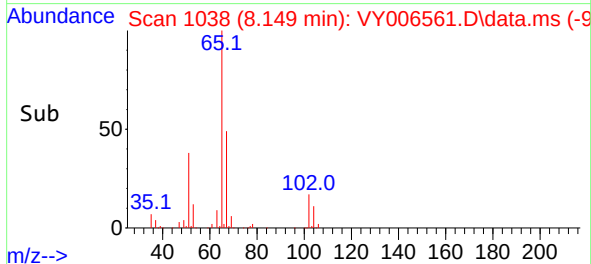
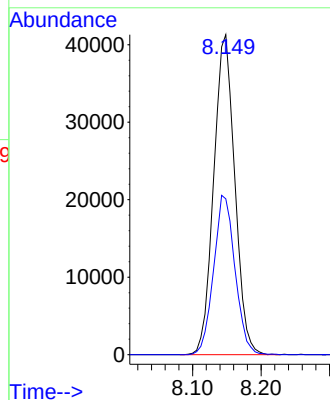
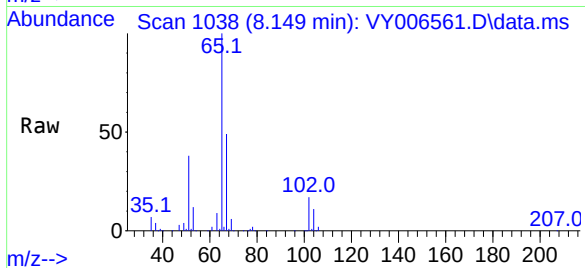
OR-03-102921

Tgt Ion: 65 Resp: 88153

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006561.D

Acq: 01 Nov 2021 18:52

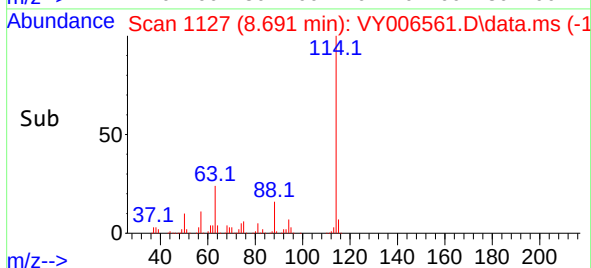
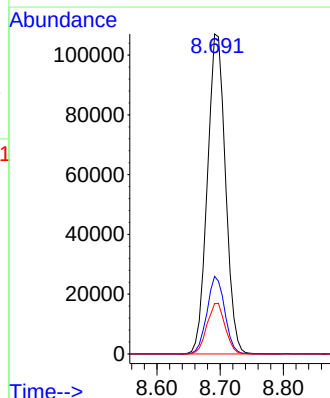
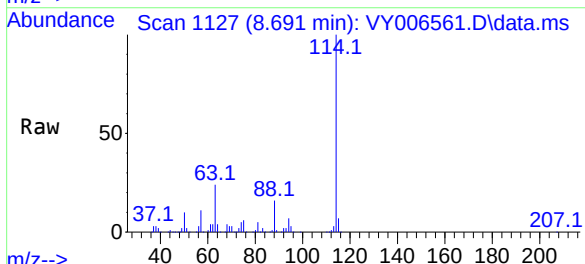
Tgt Ion: 114 Resp: 213112

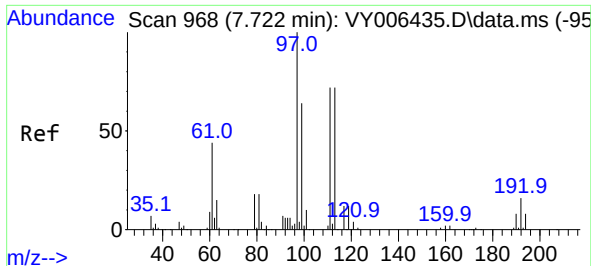
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

88 15.8 0.0 30.6

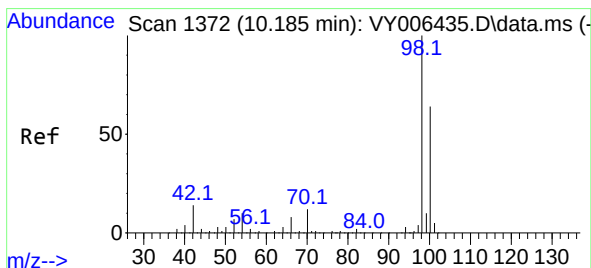
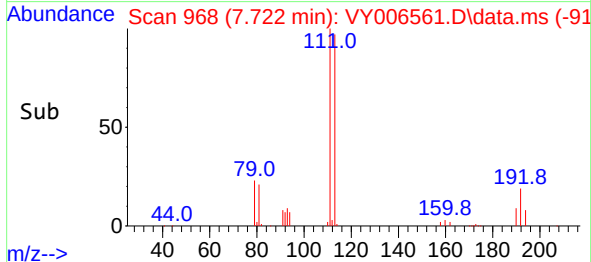
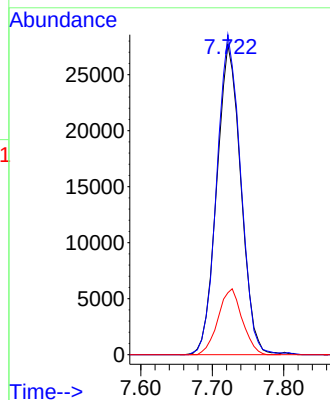
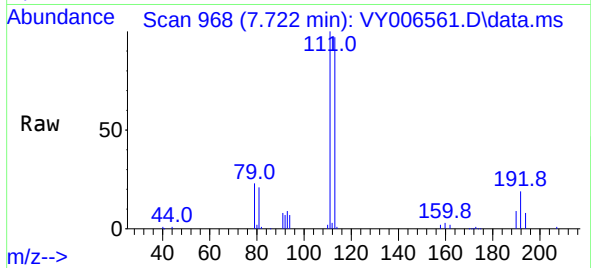




#35
Dibromofluoromethane
Concen: 54.560 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

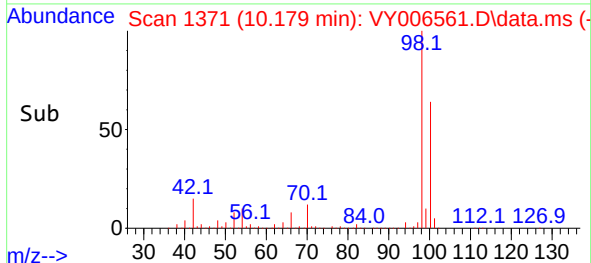
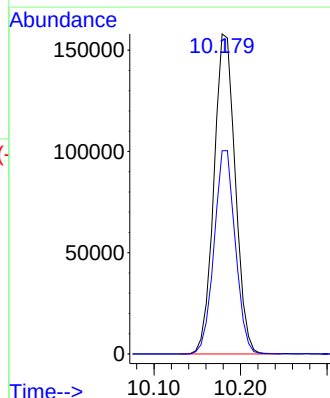
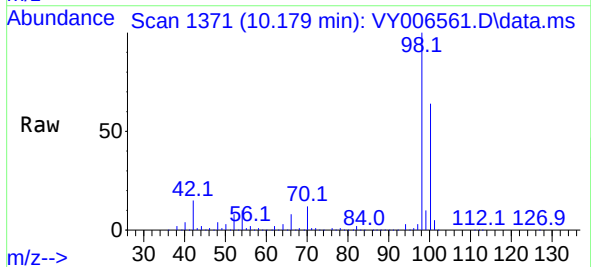
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-102921

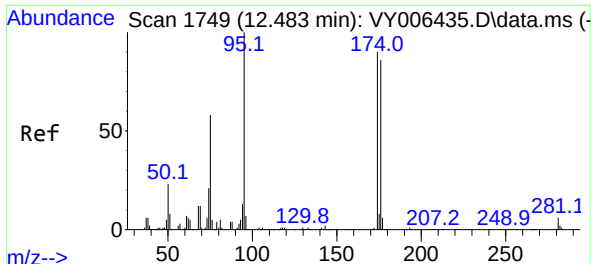
Tgt Ion:113 Resp: 64808
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 21.2 17.4 26.2



#50
Toluene-d8
Concen: 53.694 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion: 98 Resp: 270371
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

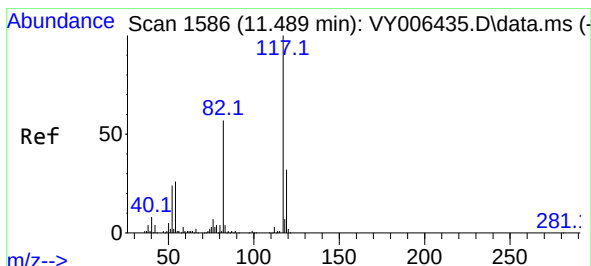
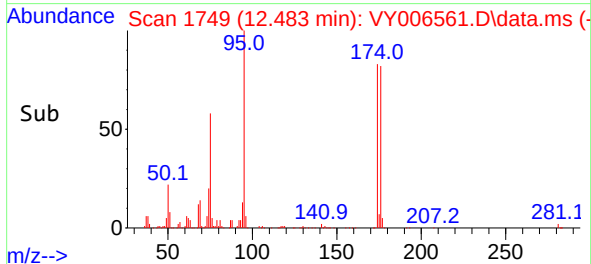
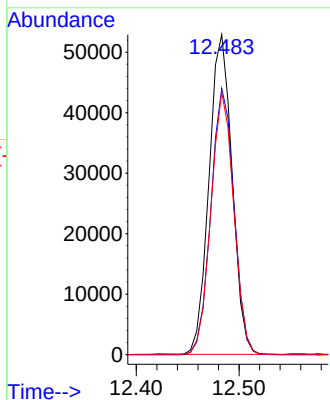
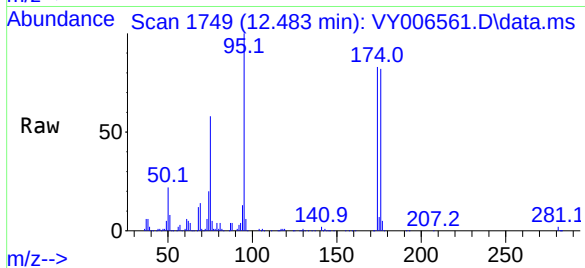




#62
4-Bromofluorobenzene
Concen: 48.573 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

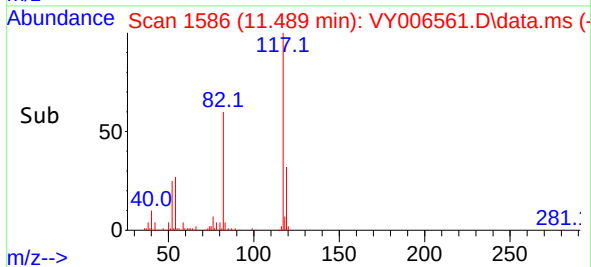
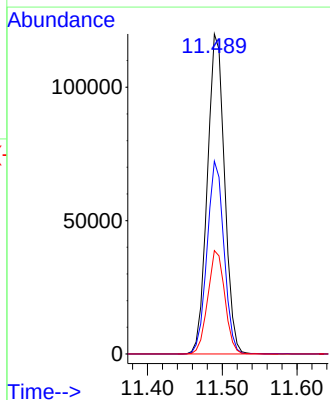
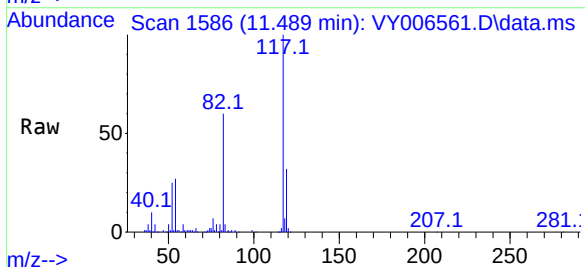
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-102921

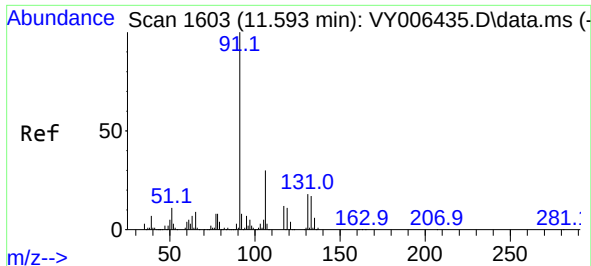
Tgt Ion: 95 Resp: 82390
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 81.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion: 117 Resp: 192364
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 32.3 25.5 38.3





#67

Ethyl Benzene

Concen: 1.202 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY006561.D

Acq: 01 Nov 2021 18:52

Instrument :

MSVOA_Y

ClientSampleId :

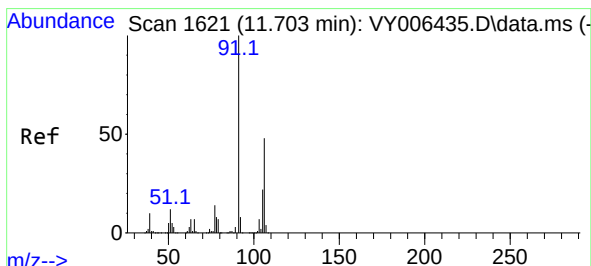
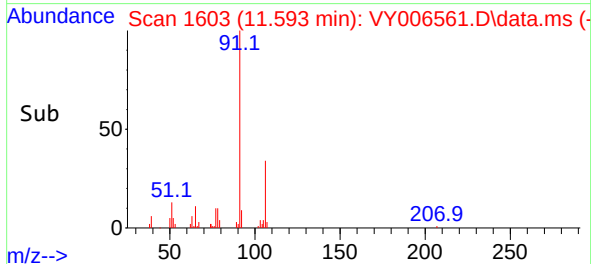
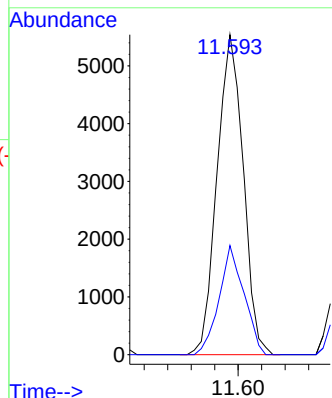
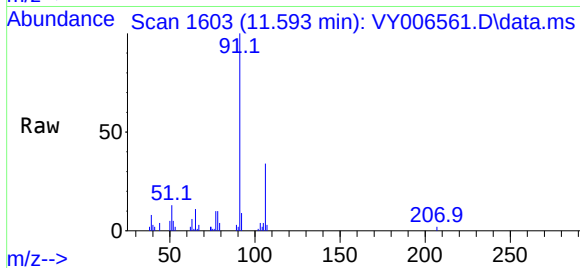
OR-03-102921

Tgt Ion: 91 Resp: 8567

Ion Ratio Lower Upper

91 100

106 34.1 24.2 36.4



#68

m/p-Xylenes

Concen: 2.460 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY006561.D

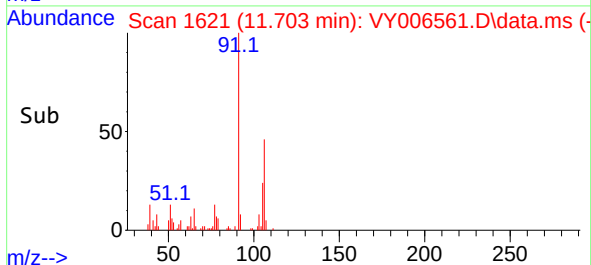
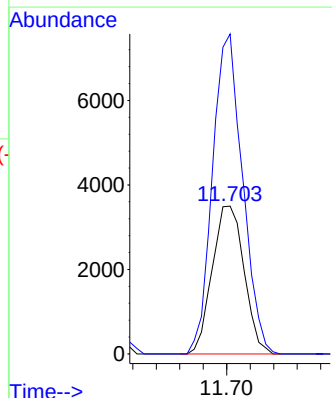
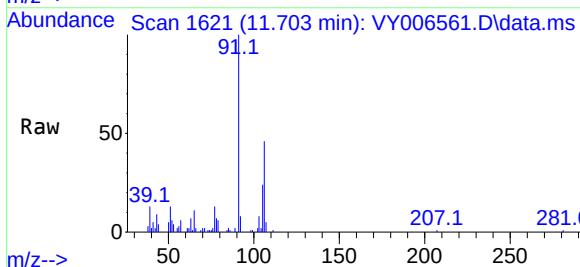
Acq: 01 Nov 2021 18:52

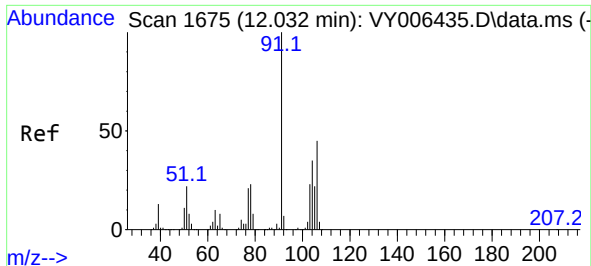
Tgt Ion: 106 Resp: 6597

Ion Ratio Lower Upper

106 100

91 203.9 167.5 251.3

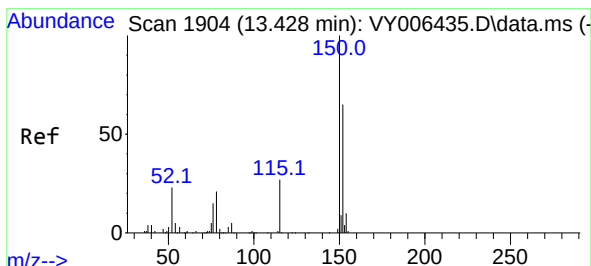
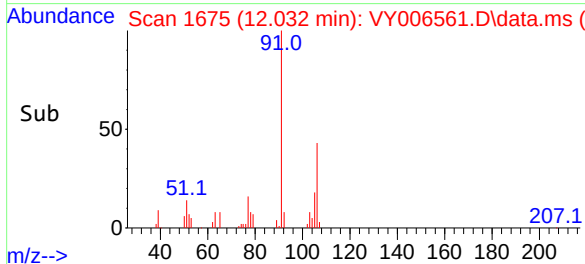
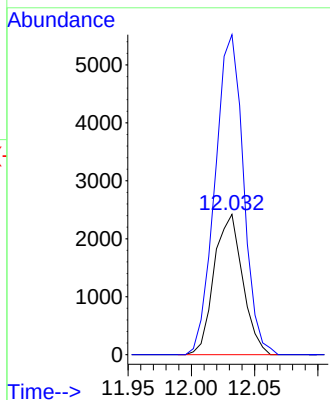
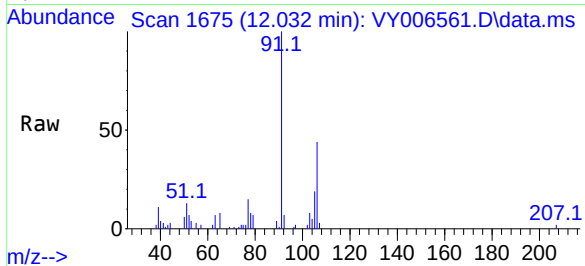




#69
o-Xylene
Concen: 1.482 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

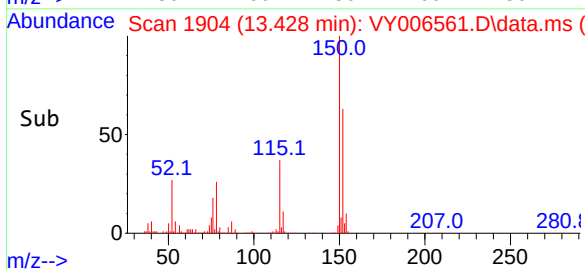
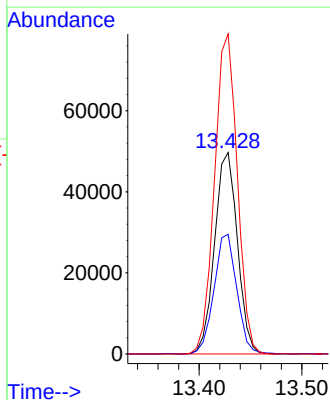
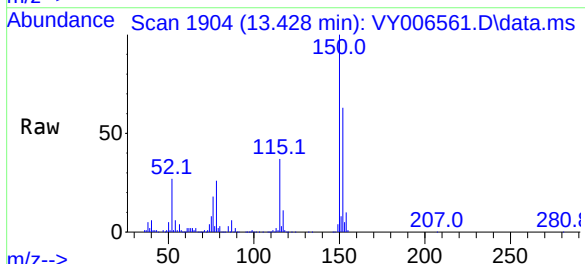
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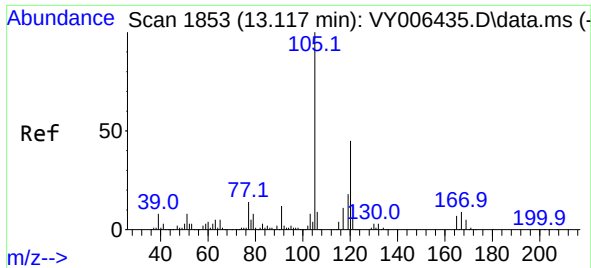
Tgt Ion:106 Resp: 3792
Ion Ratio Lower Upper
106 100
91 227.7 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion:152 Resp: 76535
Ion Ratio Lower Upper
152 100
115 59.5 28.5 85.5
150 158.6 0.0 348.2





#84
 1,2,4-Trimethylbenzene
 Concen: 2.417 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY006561.D
 Acq: 01 Nov 2021 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-102921

Tgt Ion:105 Resp: 10835
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.6 67.8

