

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006551.D
 Acq On : 01 Nov 2021 14:56
 Operator : SY/MD
 Sample : M4422-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-102921

Quant Time: Nov 02 03:29:43 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)

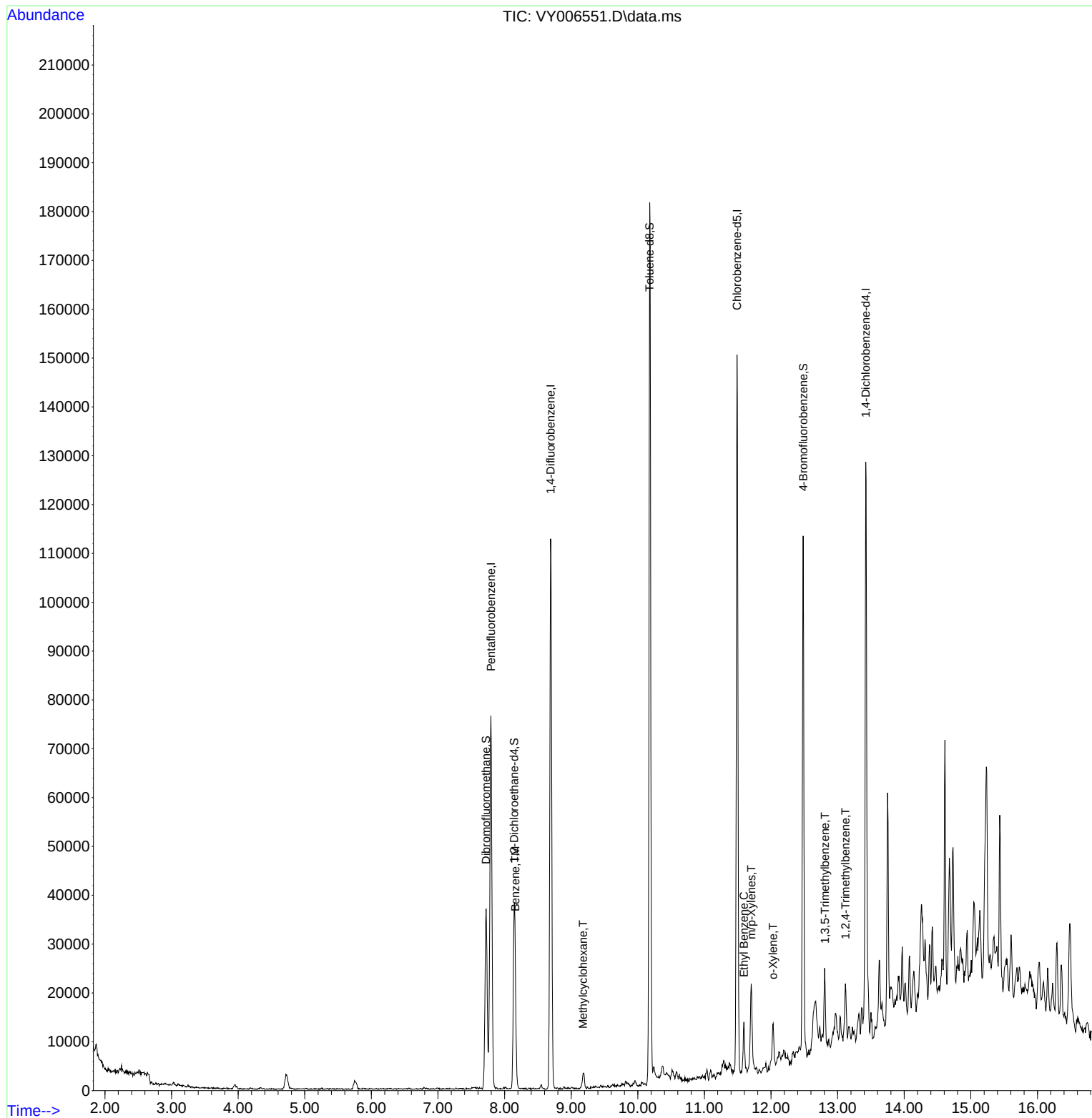
Internal Standards						
1) Pentafluorobenzene	7.795	168	54388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	87567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29032	43.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.760%
35) Dibromofluoromethane	7.722	113	24209	49.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.179	98	112530	54.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.483	95	30529	43.803	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.600%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.179	83	1393	1.323	ug/l #	85
40) Benzene	8.161	78	4938	2.001	ug/l	99
67) Ethyl Benzene	11.593	91	6463	2.352	ug/l	89
68) m/p-Xylenes	11.703	106	4597	4.446	ug/l	100
69) o-Xylene	12.032	106	2236	2.267	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	2539	1.643	ug/l	89
84) 1,2,4-Trimethylbenzene	13.117	105	6052	3.916	ug/l	95

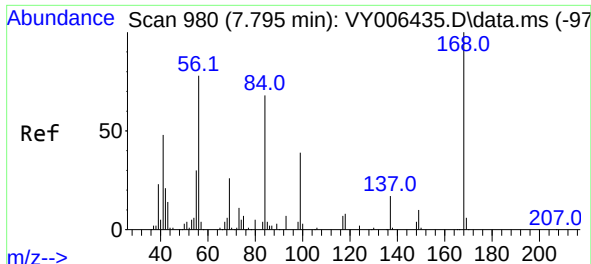
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

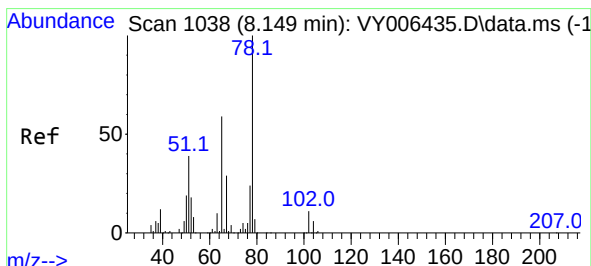
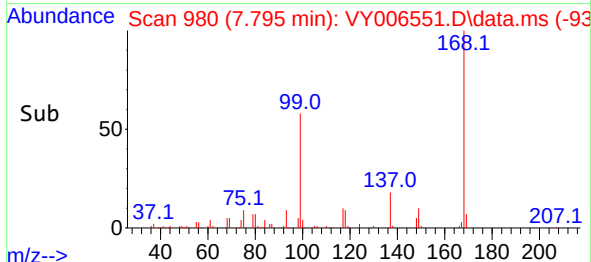
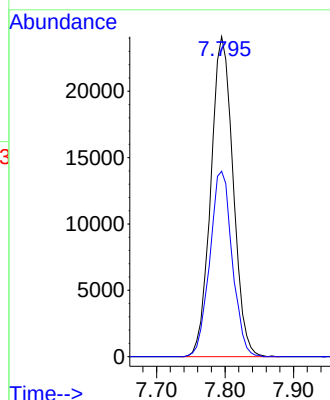
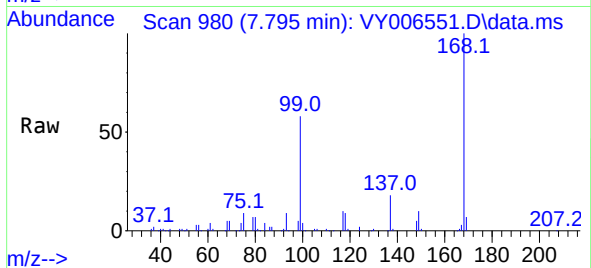




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

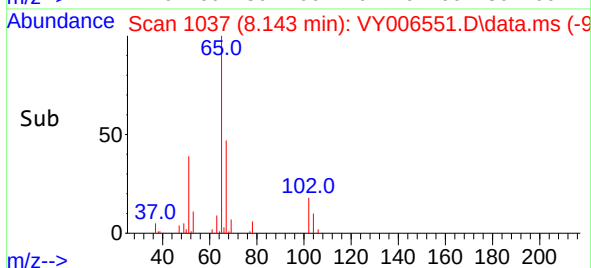
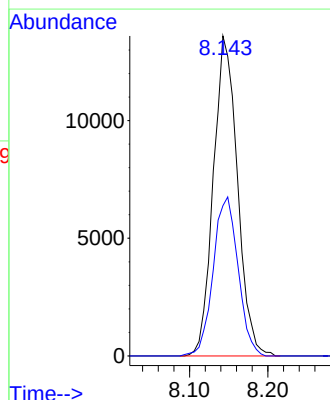
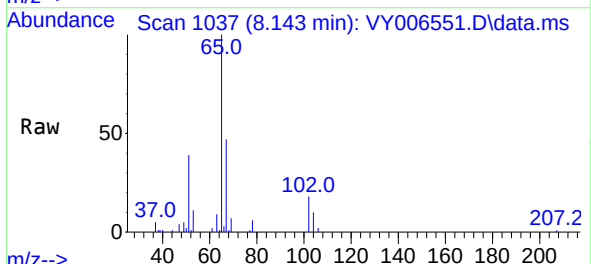
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-102921

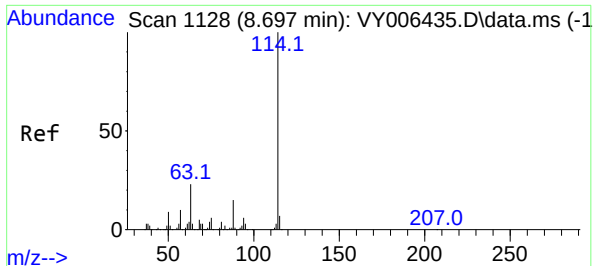
Tgt Ion:168 Resp: 54388
Ion Ratio Lower Upper
168 100
99 58.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 43.378 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

Tgt Ion: 65 Resp: 29032
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006551.D

Acq: 01 Nov 2021 14:56

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-102921

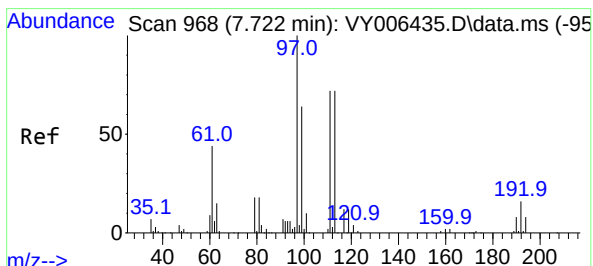
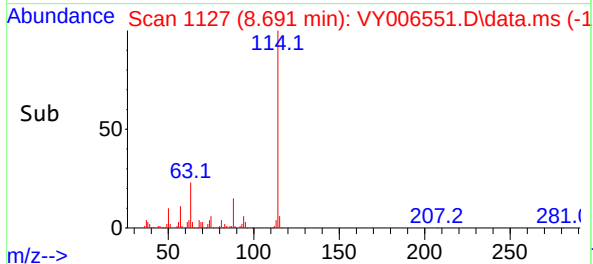
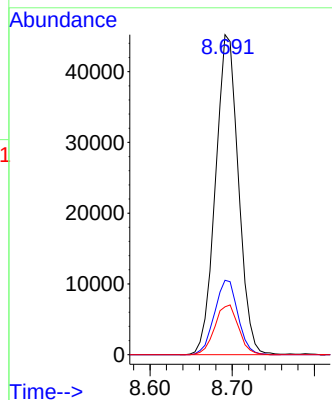
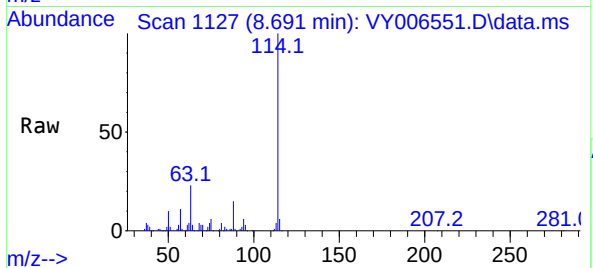
Tgt Ion:114 Resp: 87567

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006551.D

Acq: 01 Nov 2021 14:56

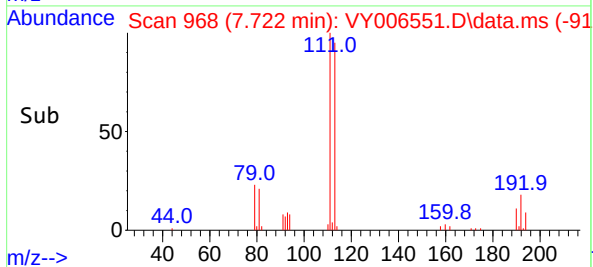
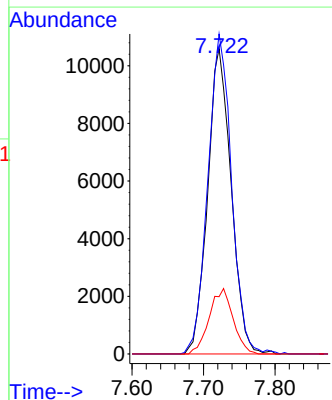
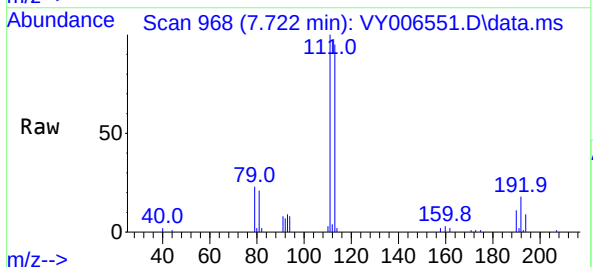
Tgt Ion:113 Resp: 24209

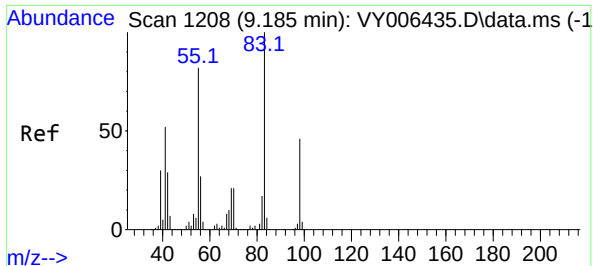
Ion Ratio Lower Upper

113 100

111 105.6 82.3 123.5

192 21.7 17.4 26.2





#39

Methylcyclohexane

Concen: 1.323 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006551.D

Acq: 01 Nov 2021 14:56

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-102921

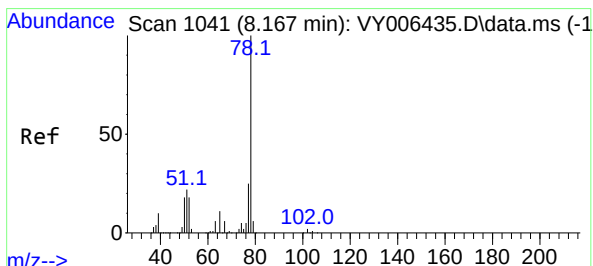
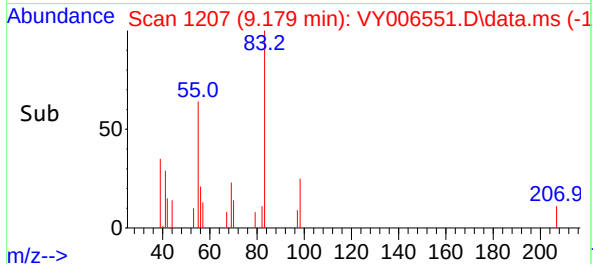
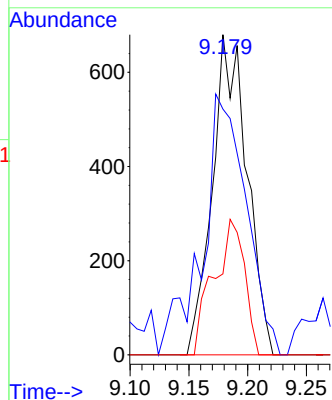
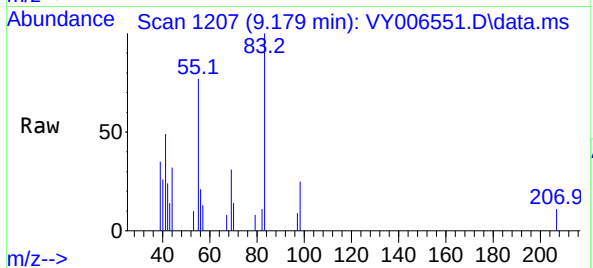
Tgt Ion: 83 Resp: 1393

Ion Ratio Lower Upper

83 100

55 76.8 65.3 97.9

98 25.3 37.0 55.4#



#40

Benzene

Concen: 2.001 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY006551.D

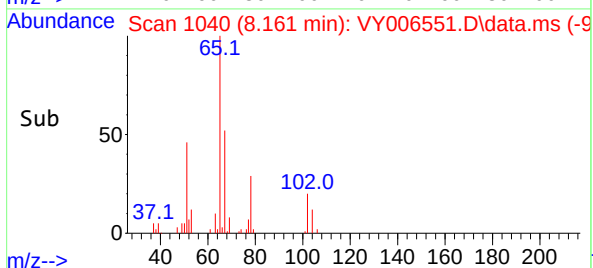
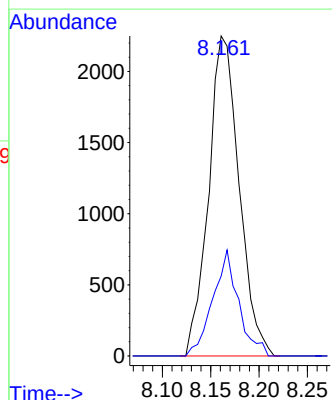
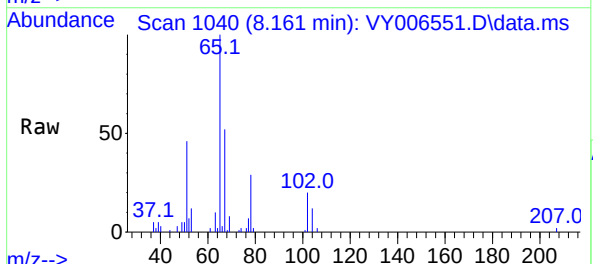
Acq: 01 Nov 2021 14:56

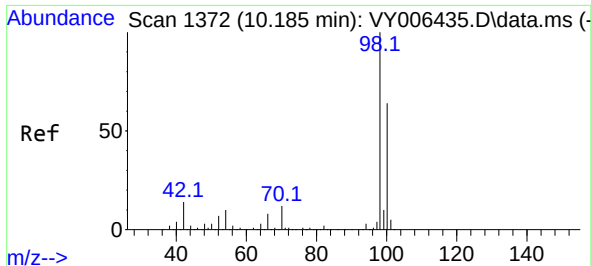
Tgt Ion: 78 Resp: 4938

Ion Ratio Lower Upper

78 100

77 24.9 19.7 29.5

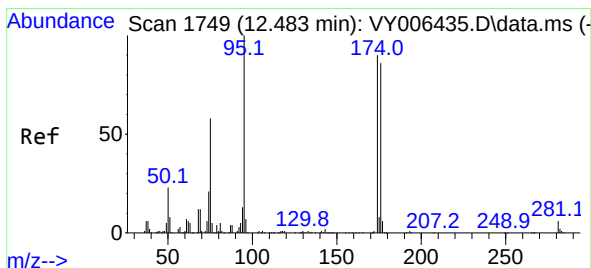
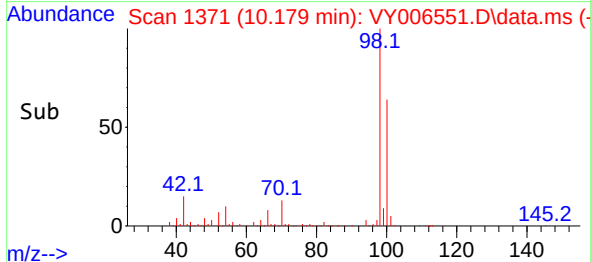
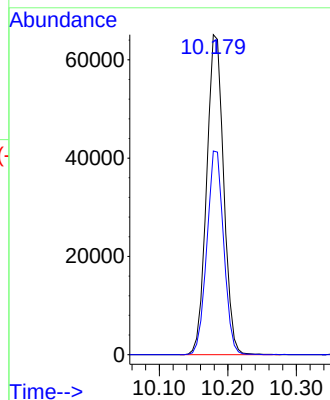
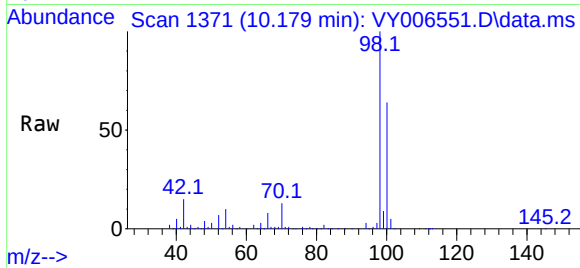




#50
Toluene-d8
Concen: 54.388 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

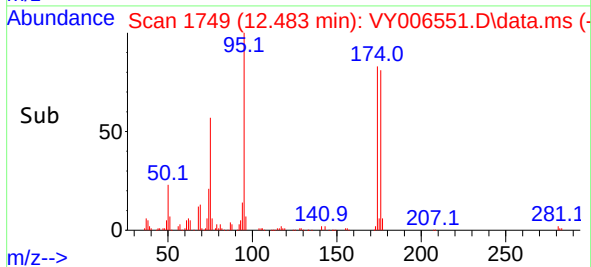
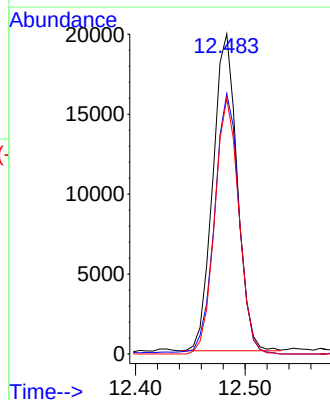
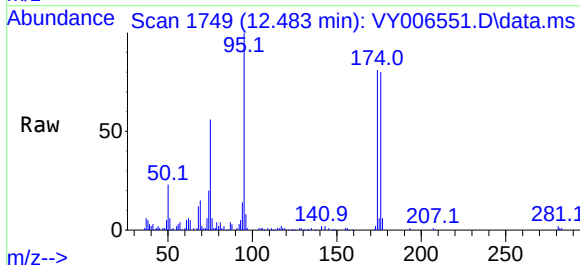
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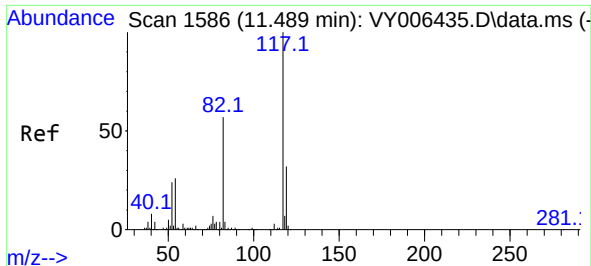
Tgt Ion: 98 Resp: 112530
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.803 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

Tgt Ion: 95 Resp: 30529
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.0 0.0 169.4

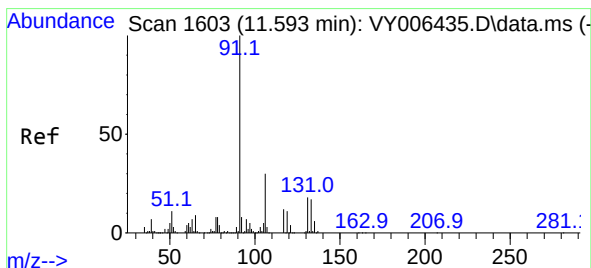
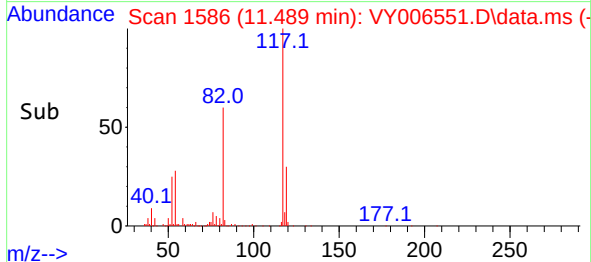
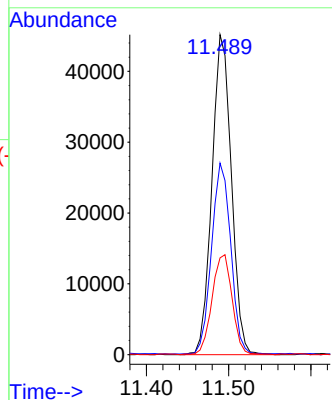
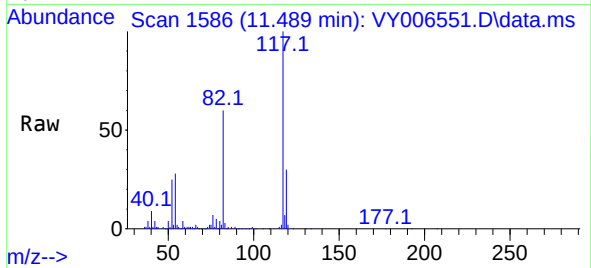




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

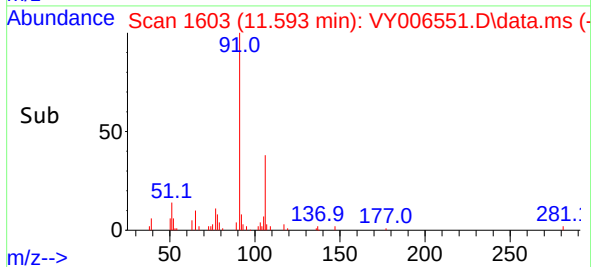
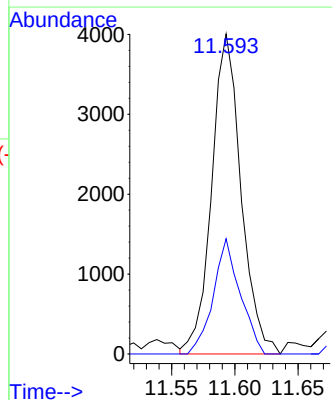
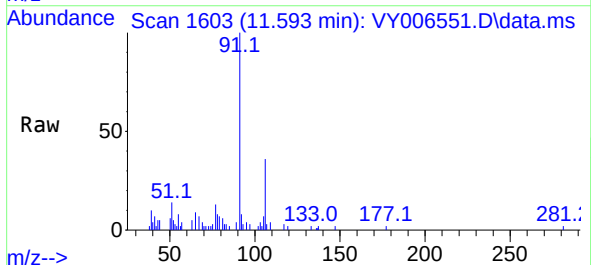
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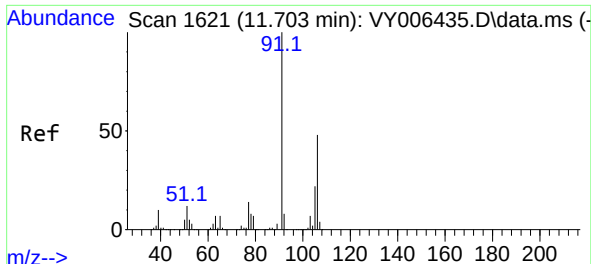
Tgt Ion:117	Resp:	74158
Ion	Ratio	Lower Upper
117	100	
82	59.6	45.7 68.5
119	30.3	25.5 38.3



#67
Ethyl Benzene
Concen: 2.352 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

Tgt Ion: 91	Resp:	6463
Ion	Ratio	Lower Upper
91	100	
106	36.0	24.2 36.4

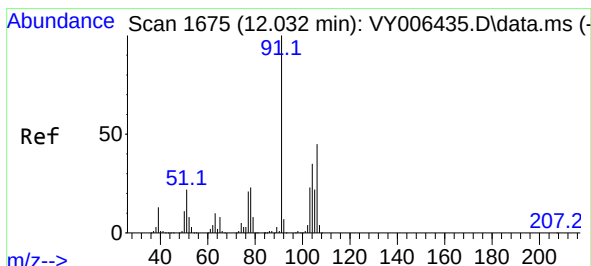
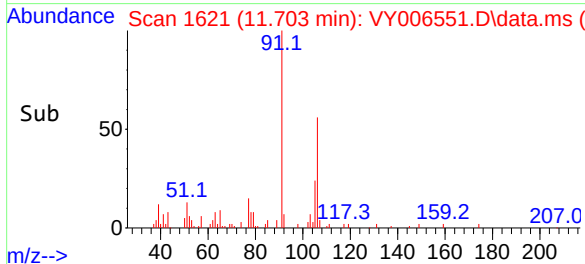
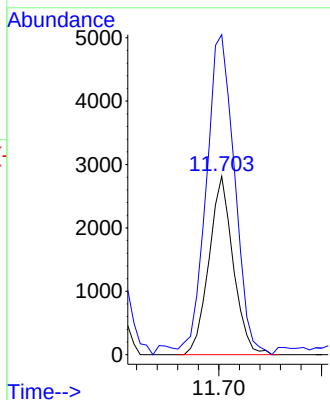
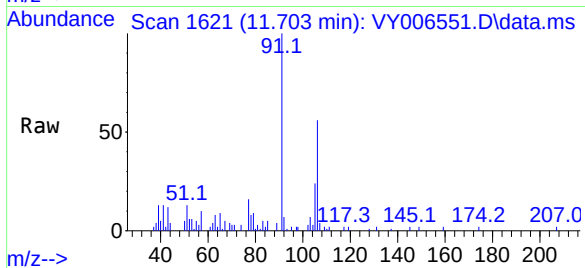




#68
m/p-Xylenes
Concen: 4.446 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

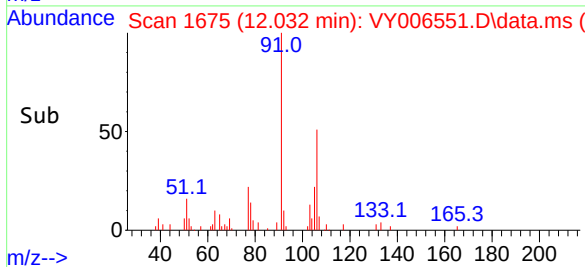
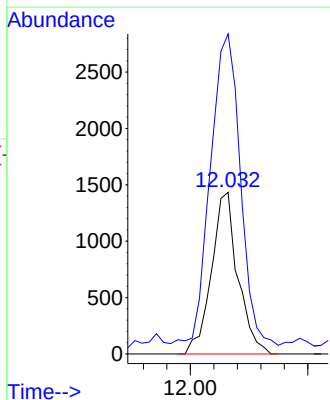
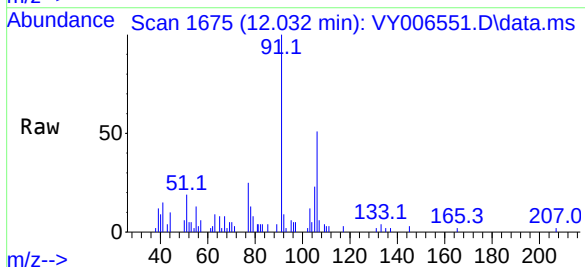
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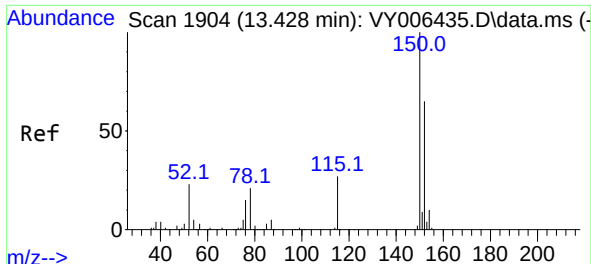
Tgt Ion:106 Resp: 4597
Ion Ratio Lower Upper
106 100
91 209.2 167.5 251.3



#69
o-Xylene
Concen: 2.267 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

Tgt Ion:106 Resp: 2236
Ion Ratio Lower Upper
106 100
91 218.7 110.3 330.9

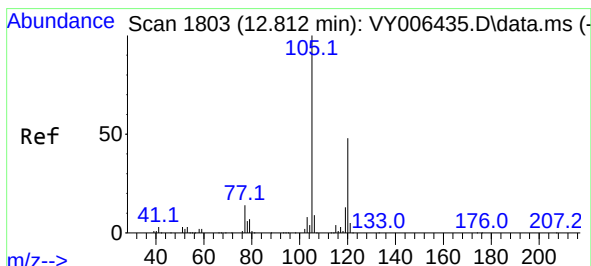
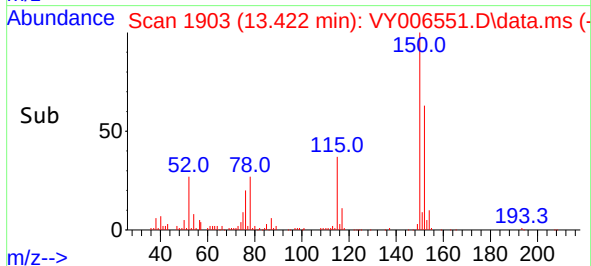
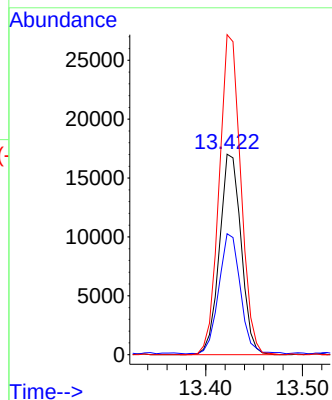
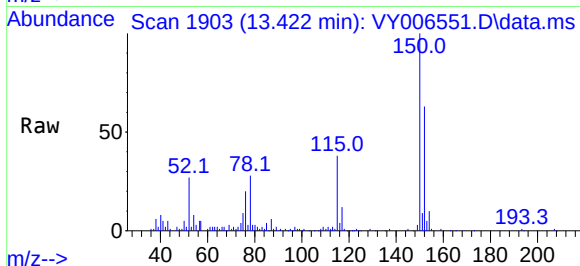




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

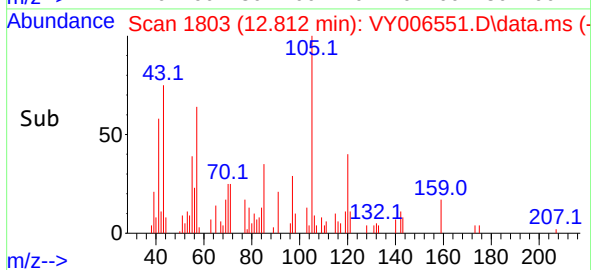
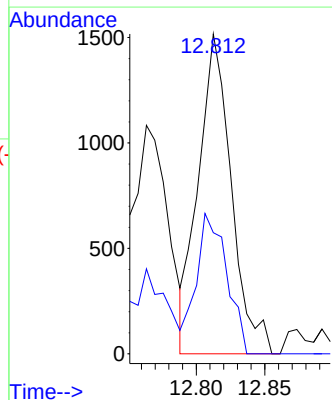
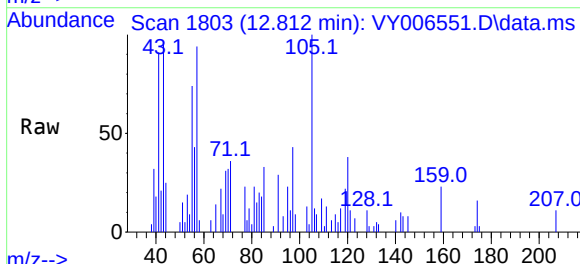
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-102921

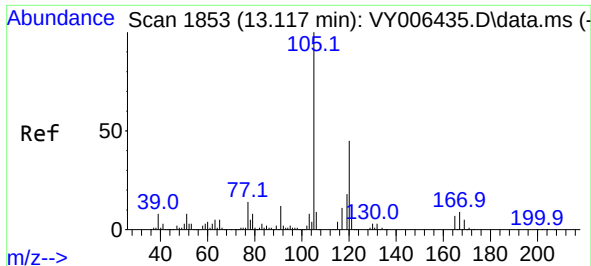
Tgt Ion:152 Resp: 26391
Ion Ratio Lower Upper
152 100
115 60.2 28.5 85.5
150 159.3 0.0 348.2



#80
1,3,5-Trimethylbenzene
Concen: 1.643 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006551.D
Acq: 01 Nov 2021 14:56

Tgt Ion:105 Resp: 2539
Ion Ratio Lower Upper
105 100
120 40.7 24.1 72.4





#84
 1,2,4-Trimethylbenzene
 Concen: 3.916 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY006551.D
 Acq: 01 Nov 2021 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-102921

Tgt Ion:105 Resp: 6052
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.6 67.8

