

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006552.D
 Acq On : 01 Nov 2021 15:20
 Operator : SY/MD
 Sample : M4429-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-102921

Quant Time: Nov 02 03:29:58 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)

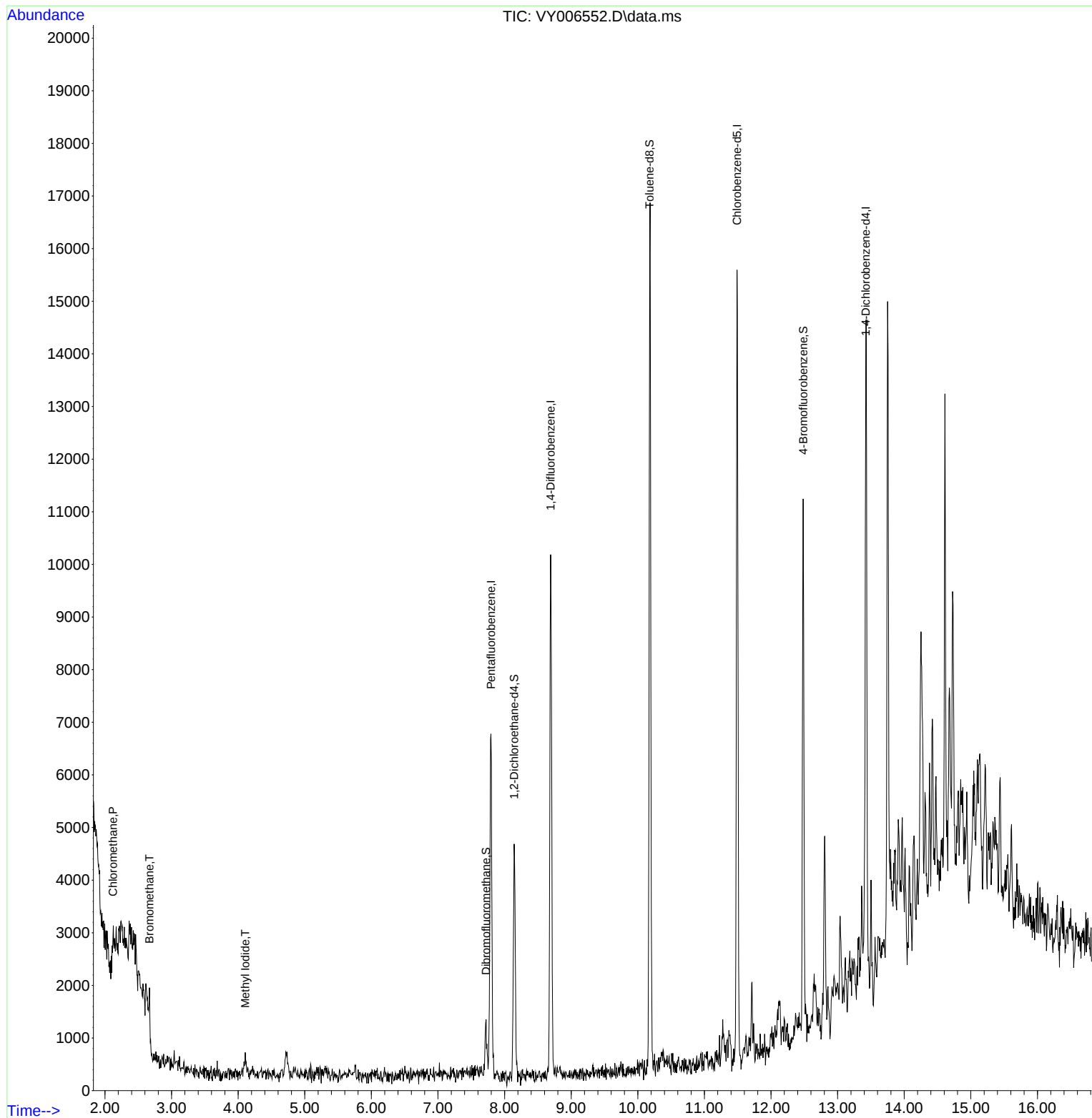
Internal Standards						
1) Pentafluorobenzene	7.795	168	5123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3617	57.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.740%	
35) Dibromofluoromethane	7.722	113	836	18.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 37.180%#	
50) Toluene-d8	10.179	98	10402	54.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.483	95	3328	51.832	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.660%	
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	285	4.459	ug/l #	43
5) Bromomethane	2.668	94	226	4.752	ug/l #	72
10) Methyl Iodide	4.107	142	663	16.869	ug/l #	82

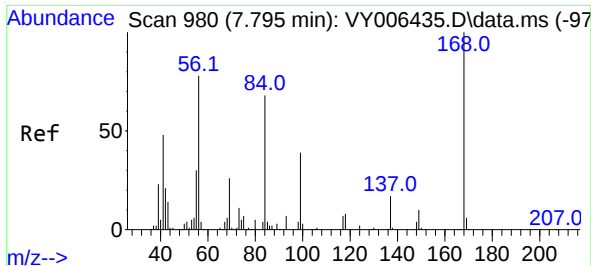
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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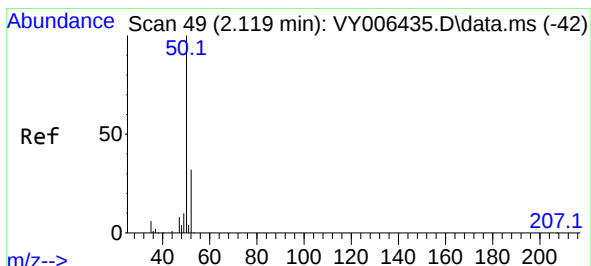
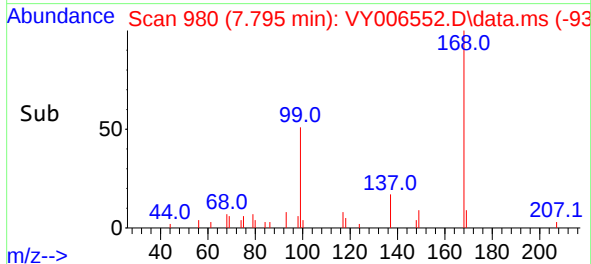
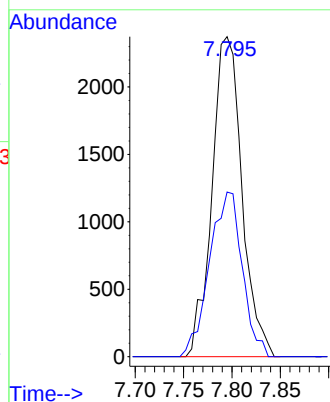
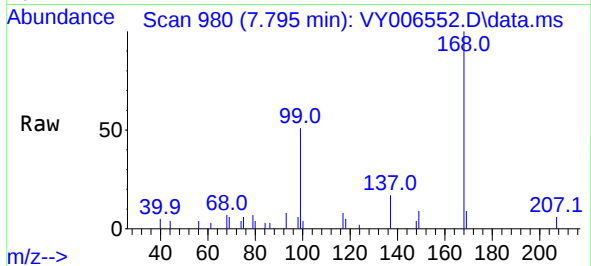




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

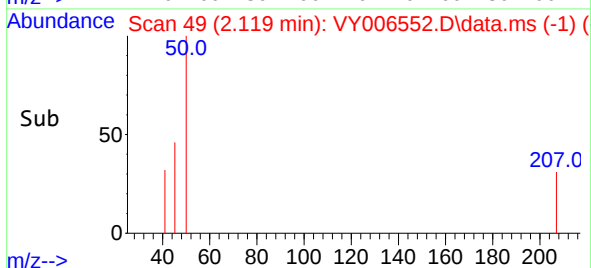
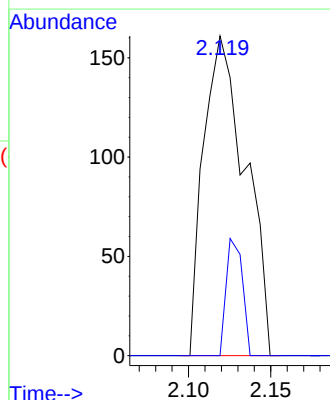
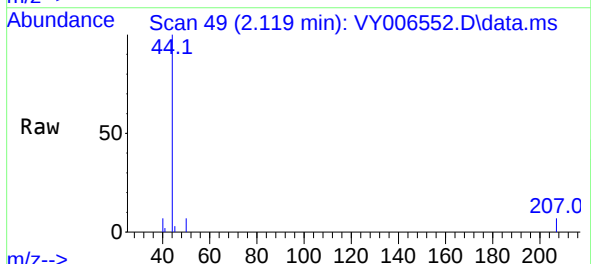
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102921

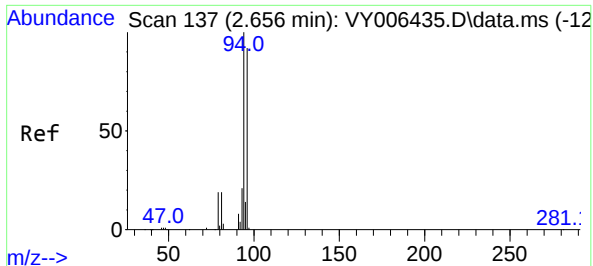
Tgt Ion:168 Resp: 5123
Ion Ratio Lower Upper
168 100
99 51.5 44.8 67.2



#3
Chloromethane
Concen: 4.459 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

Tgt Ion: 50 Resp: 285
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

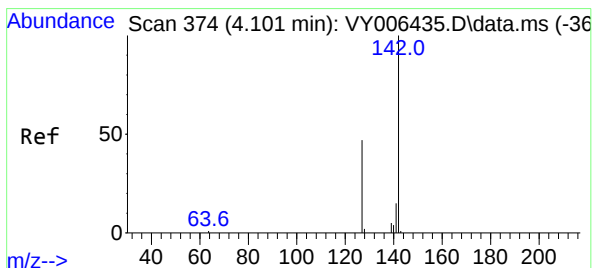
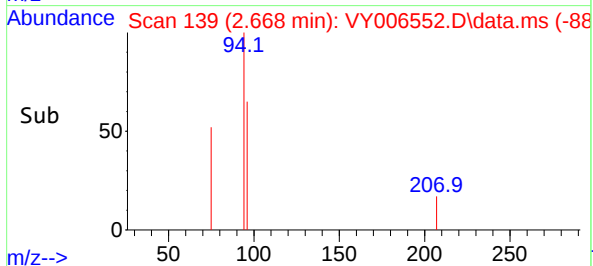
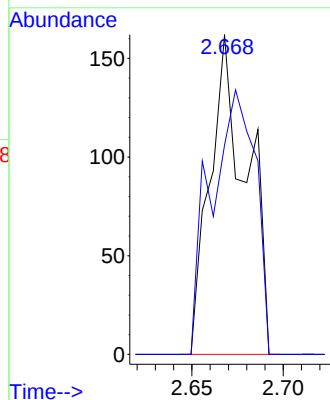
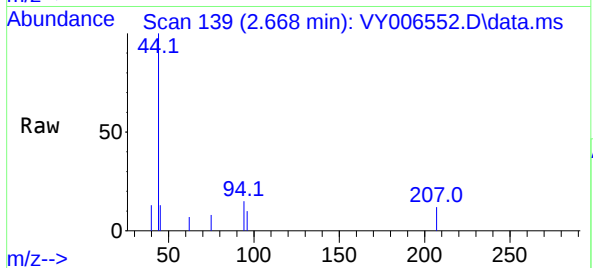




#5
Bromomethane
Concen: 4.752 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

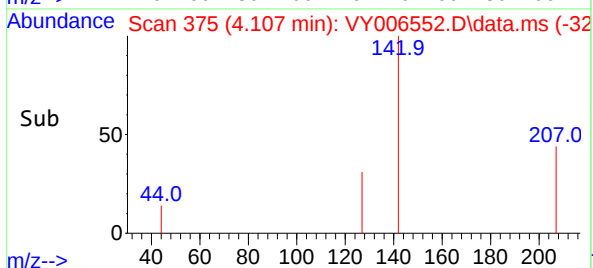
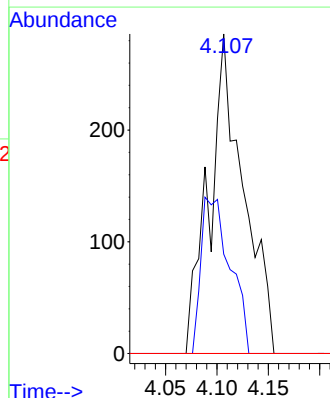
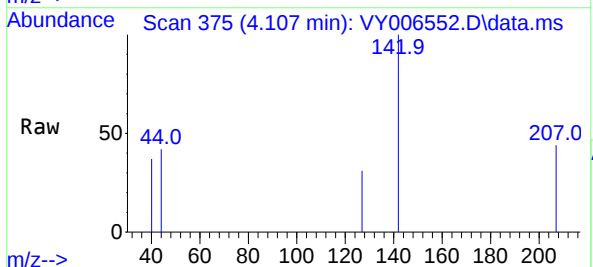
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102921

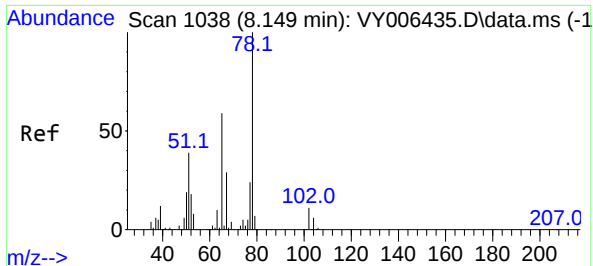
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 65.4 73.5 110.3#



#10
Methyl Iodide
Concen: 16.869 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

Tgt Ion:142 Resp: 663
Ion Ratio Lower Upper
142 100
127 41.6 40.1 60.1
141 0.0 12.5 18.7#





#33

1,2-Dichloroethane-d4

Concen: 57.375 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY006552.D

Acq: 01 Nov 2021 15:20

Instrument :

MSVOA_Y

ClientSampleId :

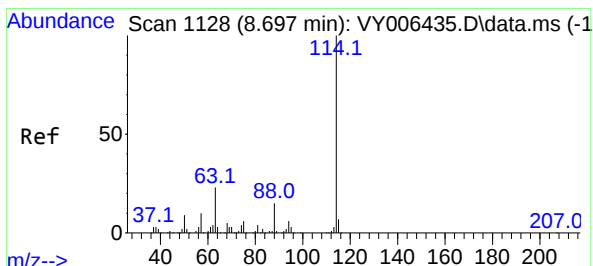
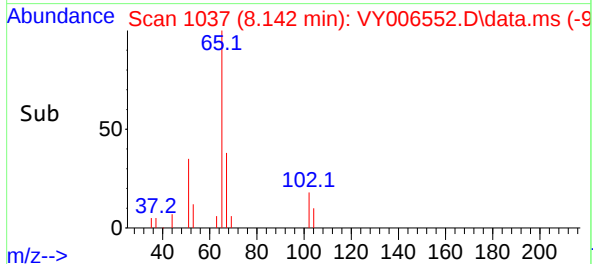
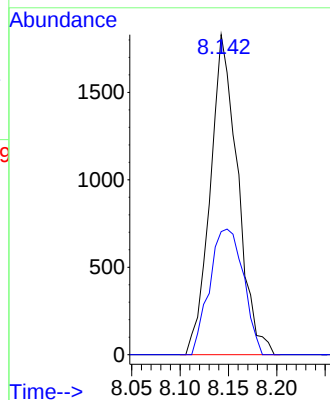
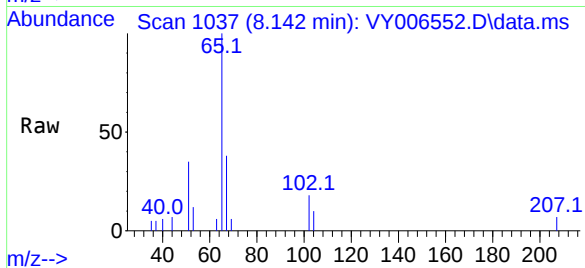
OK-03-102921

Tgt Ion: 65 Resp: 3617

Ion Ratio Lower Upper

65 100

67 48.4 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: VY006552.D

Acq: 01 Nov 2021 15:20

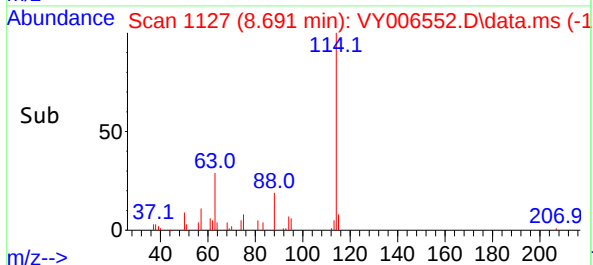
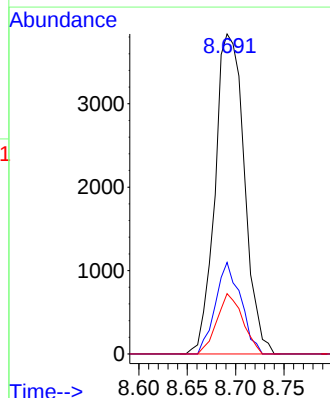
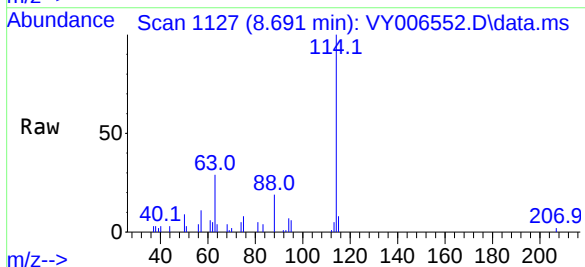
Tgt Ion: 114 Resp: 8067

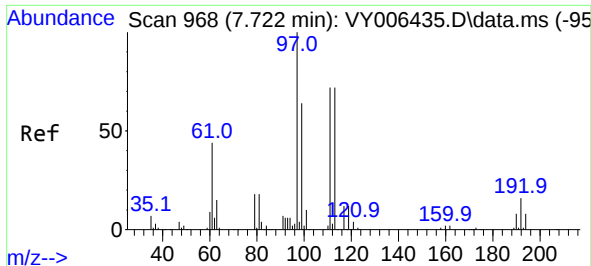
Ion Ratio Lower Upper

114 100

63 28.6 0.0 45.0

88 18.9 0.0 30.6

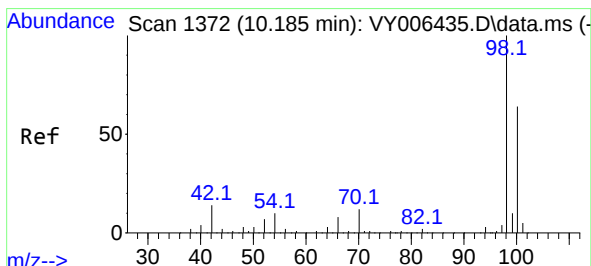
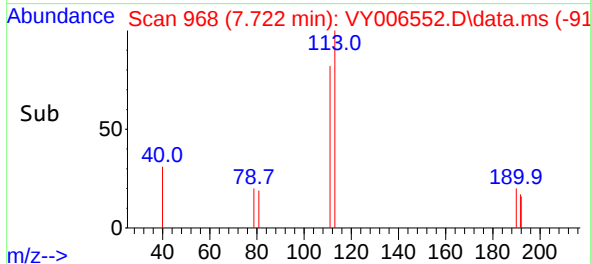
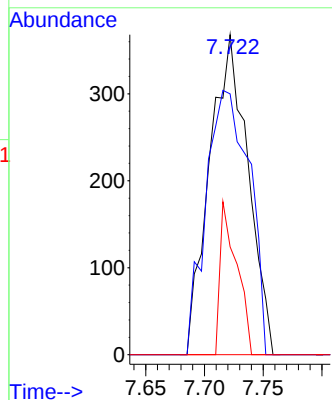
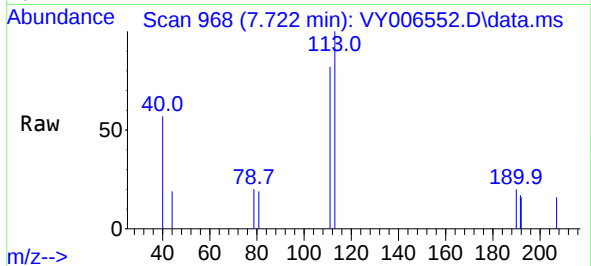




#35
Dibromofluoromethane
Concen: 18.593 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

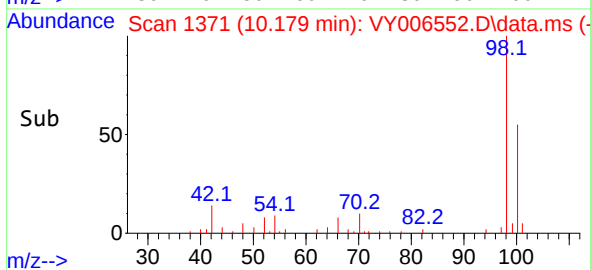
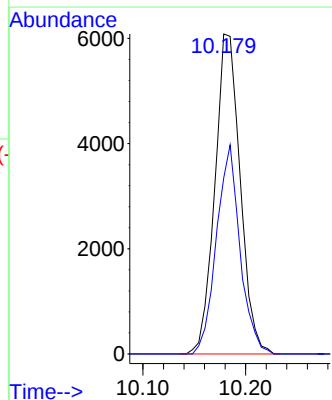
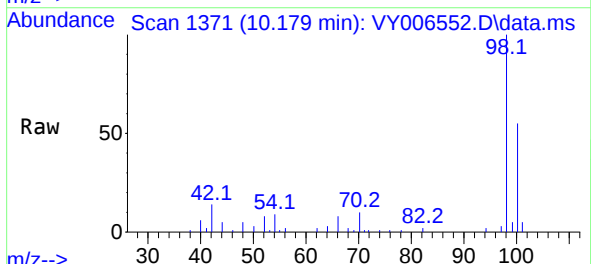
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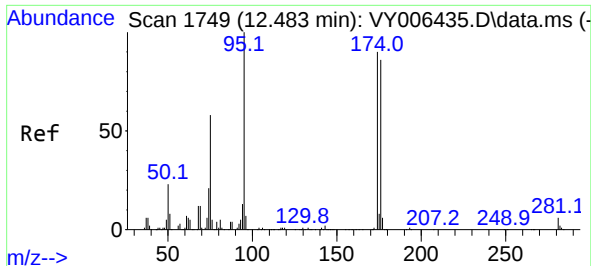
Tgt Ion:113 Resp: 836
Ion Ratio Lower Upper
113 100
111 92.9 82.3 123.5
192 20.8 17.4 26.2



#50
Toluene-d8
Concen: 54.573 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

Tgt Ion: 98 Resp: 10402
Ion Ratio Lower Upper
98 100
100 60.7 50.9 76.3

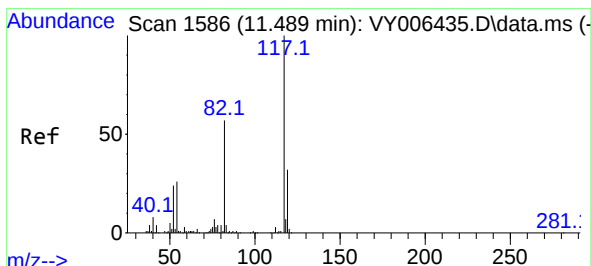
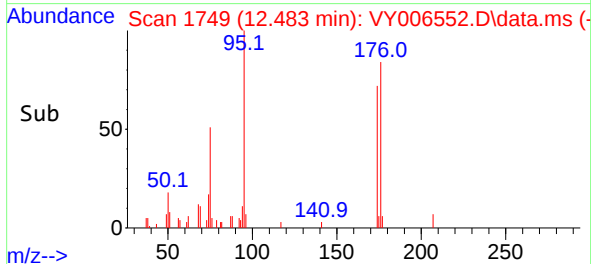
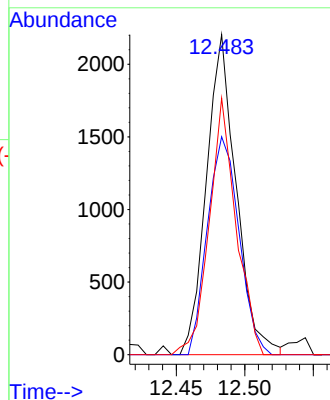
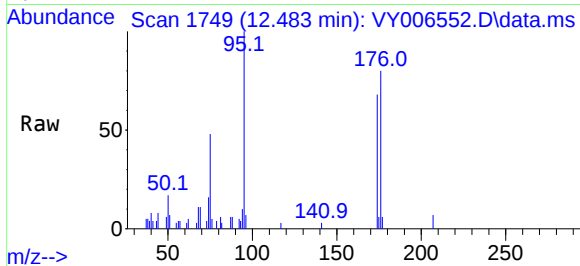




#62
4-Bromofluorobenzene
Concen: 51.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

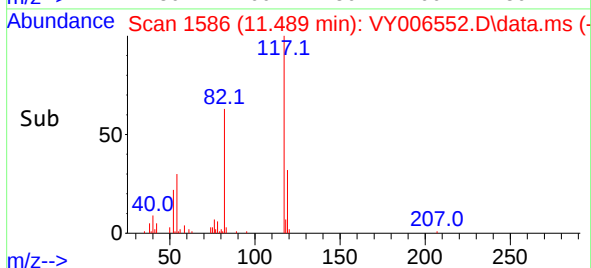
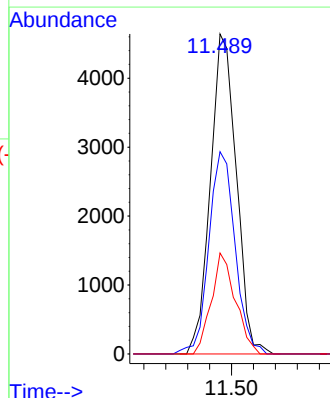
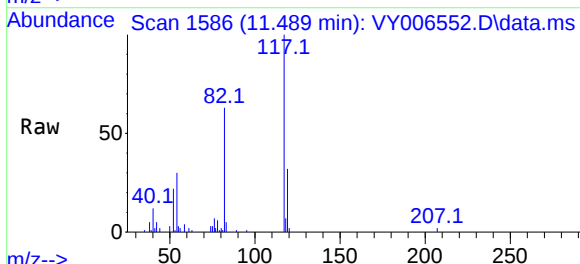
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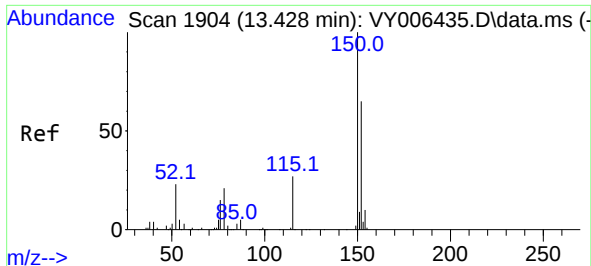
Tgt Ion: 95 Resp: 3328
Ion Ratio Lower Upper
95 100
174 72.3 0.0 177.0
176 72.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

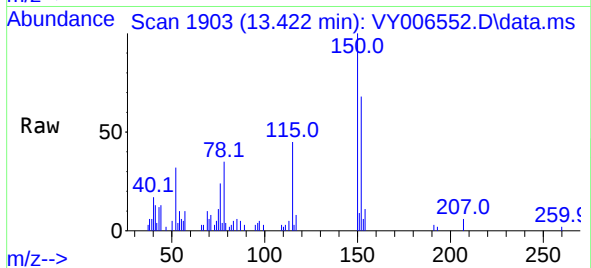
Tgt Ion: 117 Resp: 7617
Ion Ratio Lower Upper
117 100
82 63.2 45.7 68.5
119 31.5 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006552.D
Acq: 01 Nov 2021 15:20

Instrument :
MSVOA_Y
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.5	85.5
150	158.9	0.0	348.2

