

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009705.D
 Acq On : 26 Jul 2022 17:11
 Operator : KP/MD
 Sample : N3855-03
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-072222

Quant Time: Jul 27 04:27:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

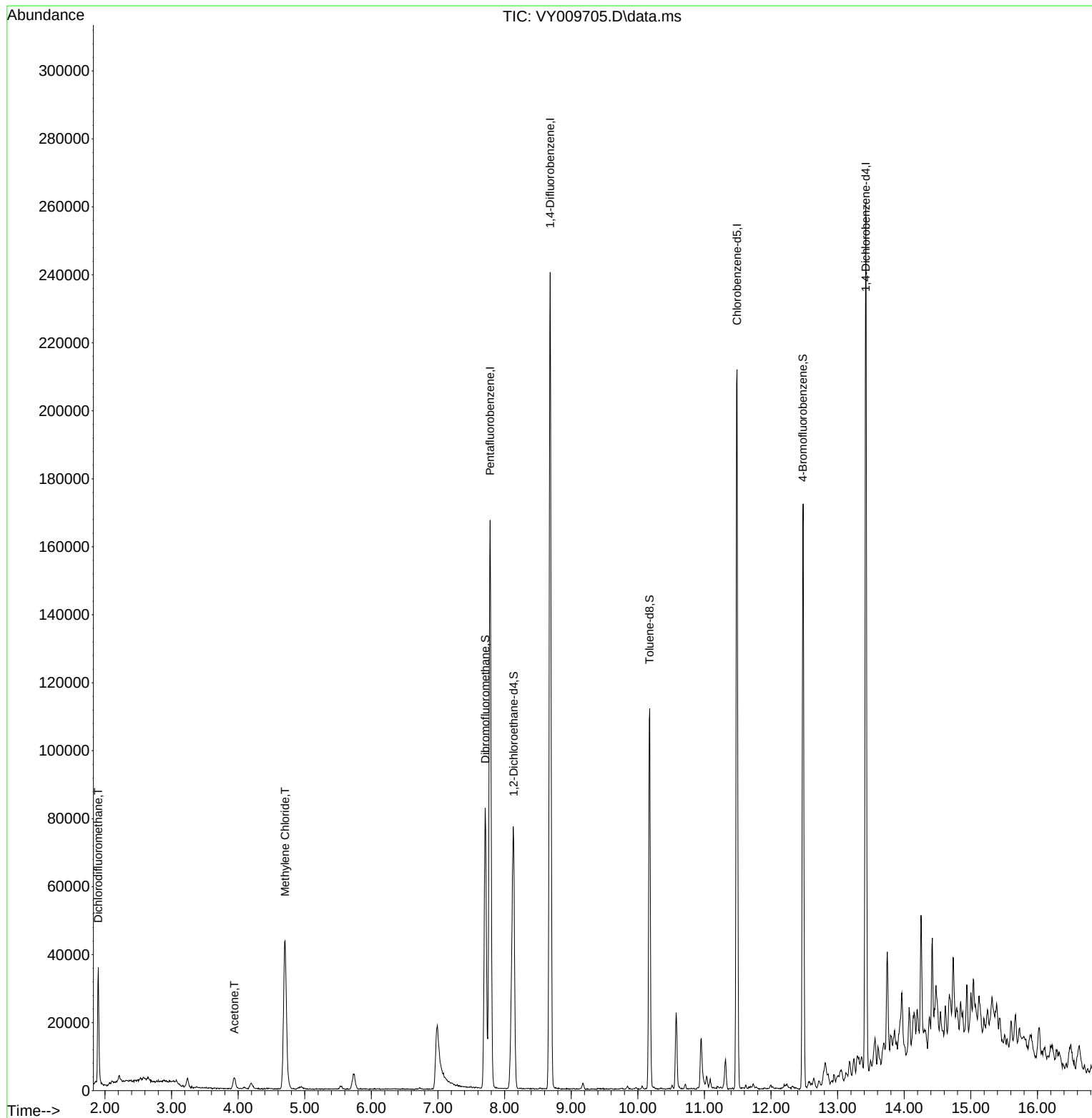
Internal Standards						
1) Pentafluorobenzene	7.783	168	135015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48419	54.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.710	113	56813	49.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.700%	
50) Toluene-d8	10.179	98	74080	19.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 39.020%#	
62) 4-Bromofluorobenzene	12.477	95	47080	30.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 61.680%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	26639	22.163	ug/l	98
16) Acetone	3.942	43	5880	18.215	ug/l	99
20) Methylene Chloride	4.704	84	33606	14.885	ug/l #	83

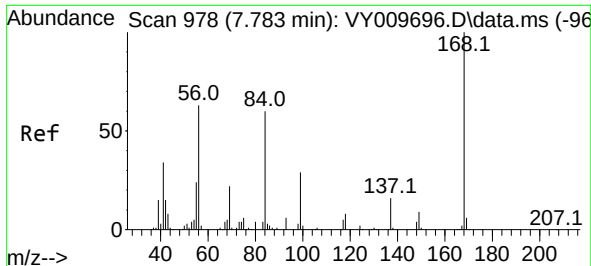
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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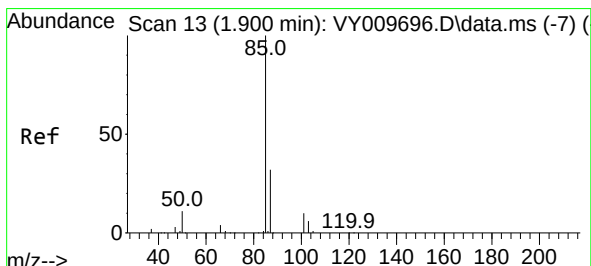
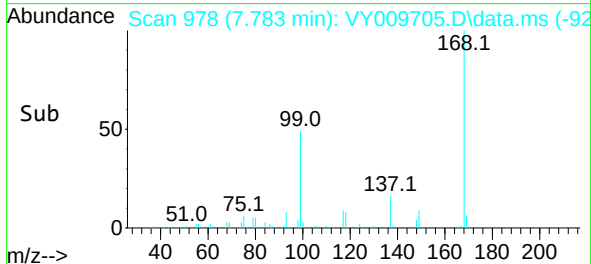
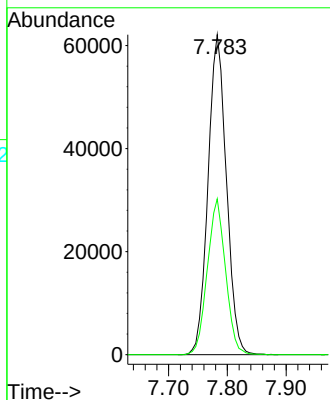
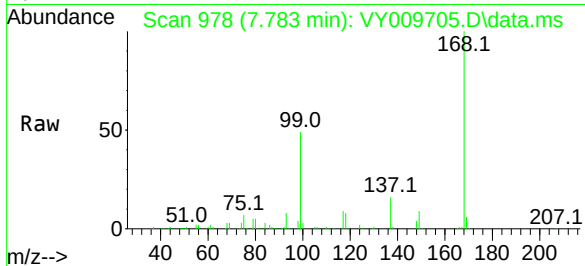




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

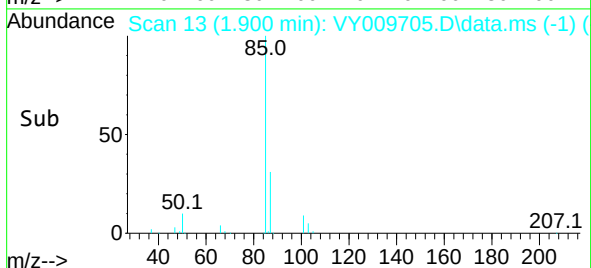
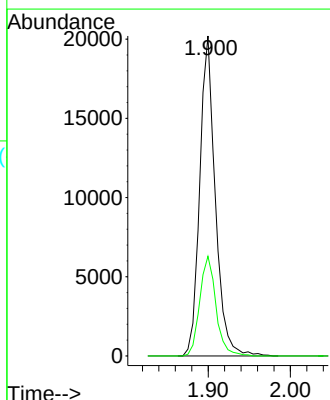
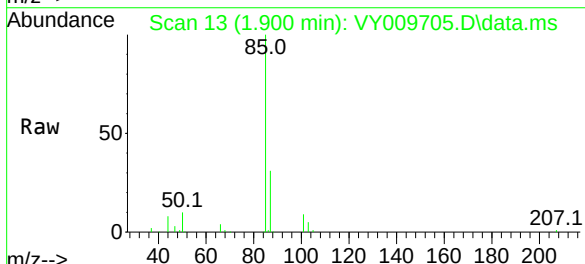
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-072222

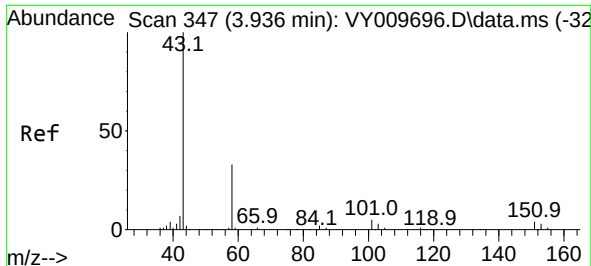
Tgt Ion:168 Resp: 135015
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 22.163 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 85 Resp: 26639
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2

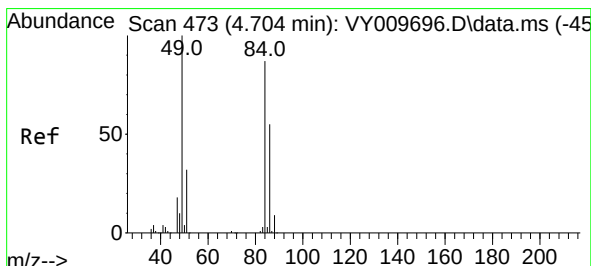
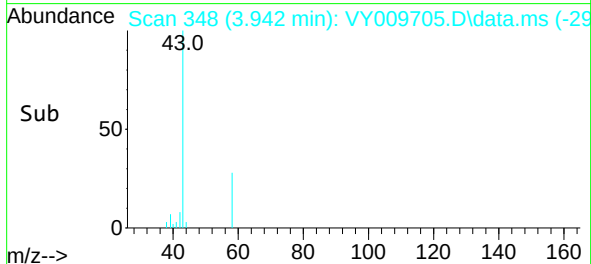
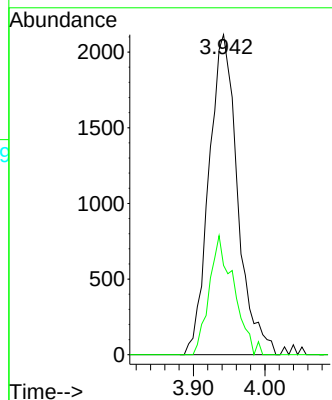
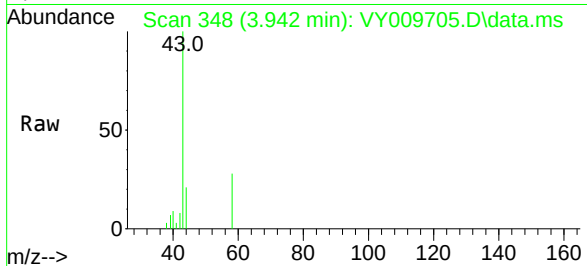




#16
Acetone
Concen: 18.215 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

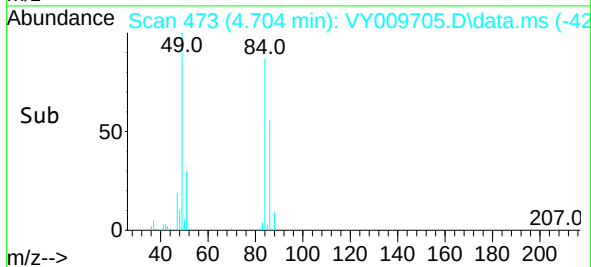
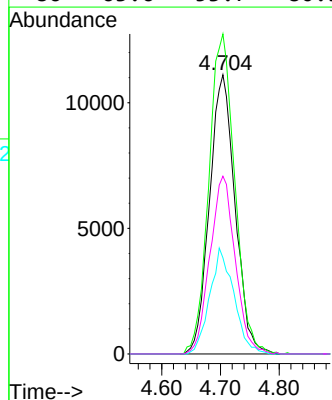
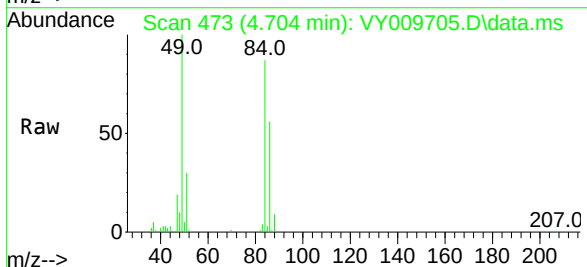
Instrument :
MSVOA_Y
ClientSampleId :
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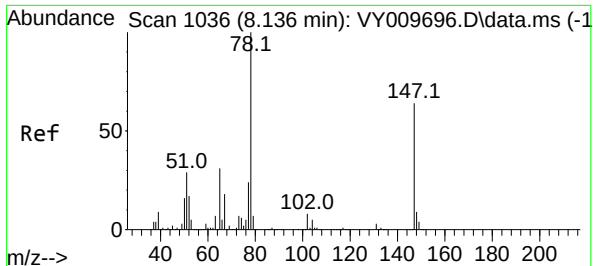
Tgt Ion: 43 Resp: 5880
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0



#20
Methylene Chloride
Concen: 14.885 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 84 Resp: 33606
Ion Ratio Lower Upper
84 100
49 114.6 114.4 171.6
51 34.5 35.3 52.9#
86 63.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.326 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009705.D

Acq: 26 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

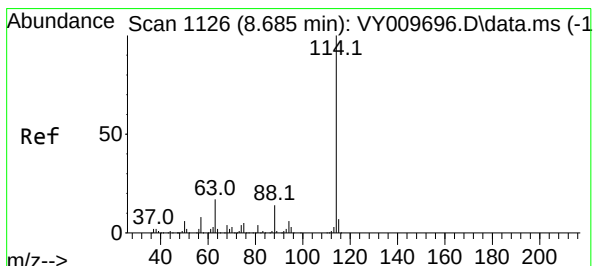
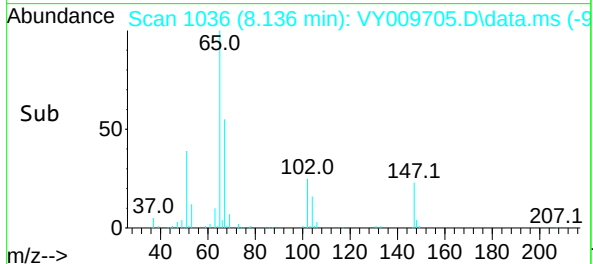
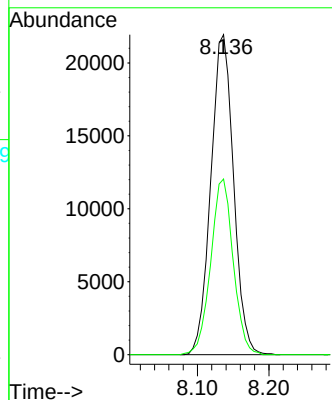
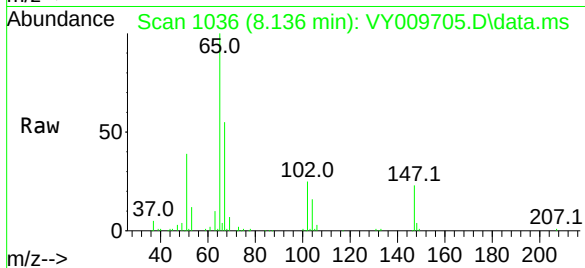
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Tgt Ion: 65 Resp: 48419

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009705.D

Acq: 26 Jul 2022 17:11

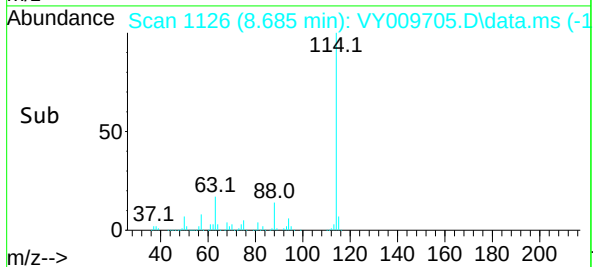
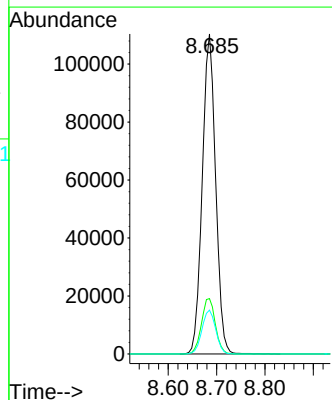
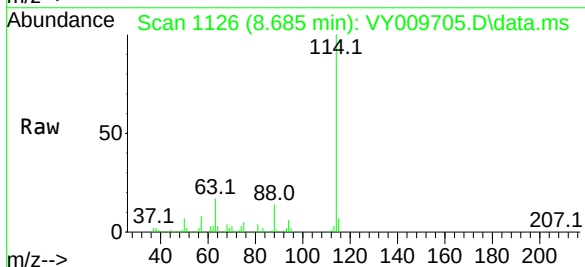
Tgt Ion: 114 Resp: 211651

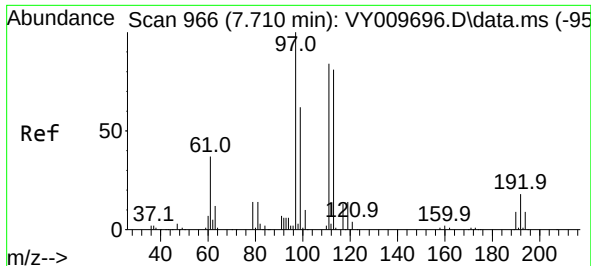
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.7 0.0 31.8

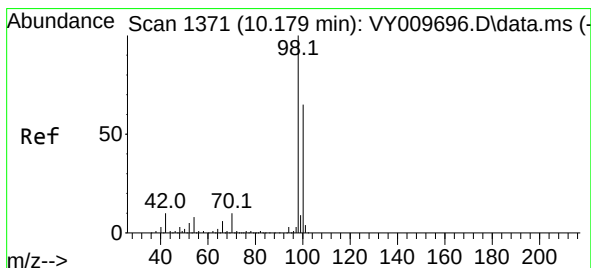
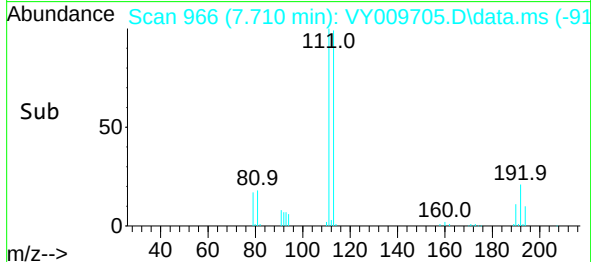
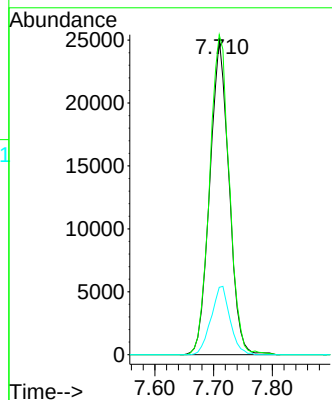
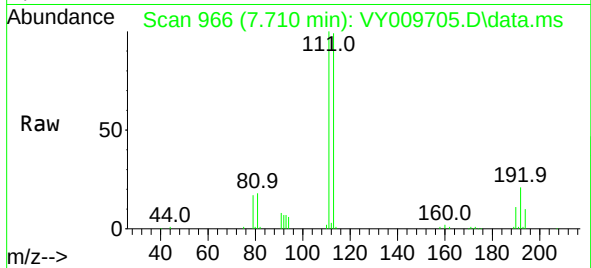




#35
Dibromofluoromethane
Concen: 49.355 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

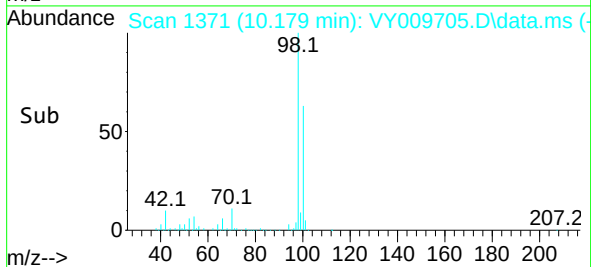
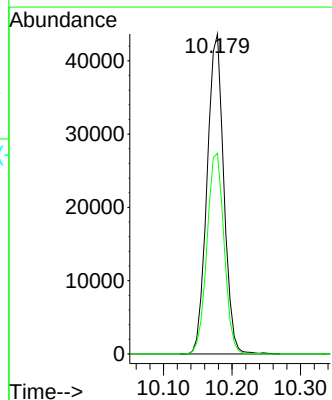
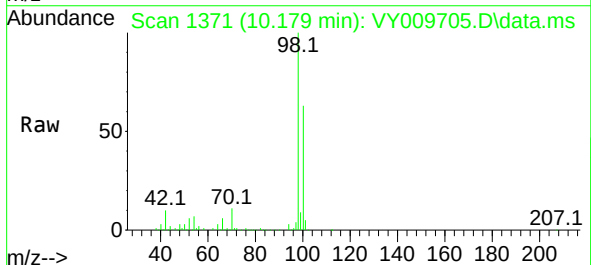
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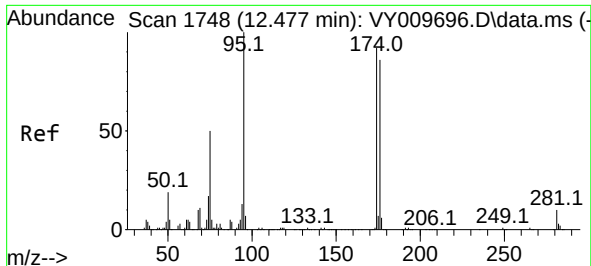
Tgt Ion:113 Resp: 56813
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 21.4 17.6 26.4



#50
Toluene-d8
Concen: 19.510 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 98 Resp: 74080
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

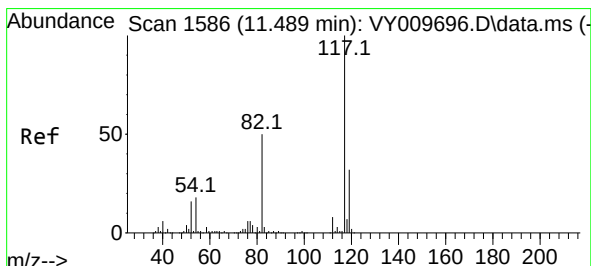
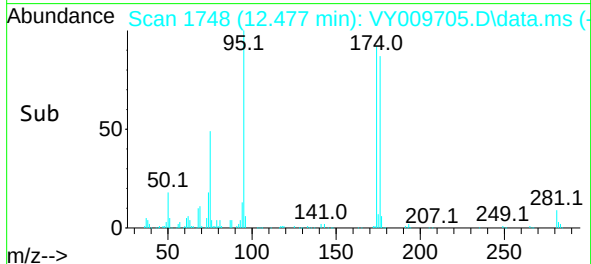
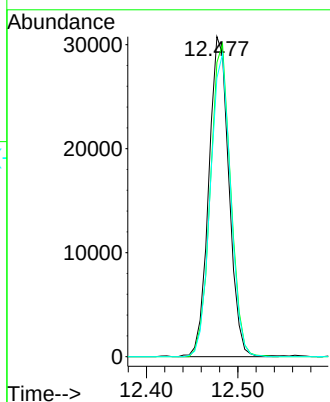
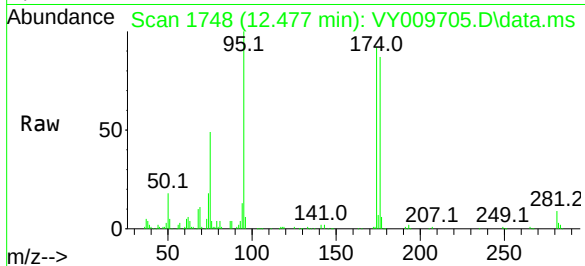




#62
4-Bromofluorobenzene
Concen: 30.845 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

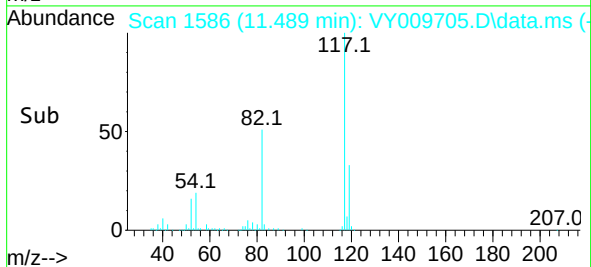
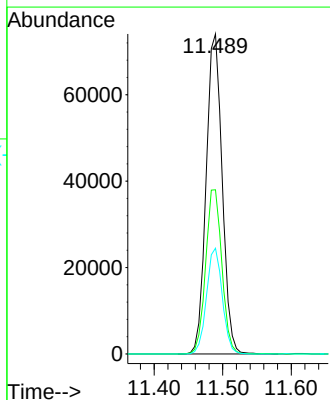
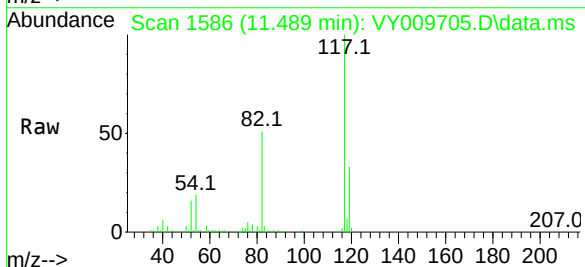
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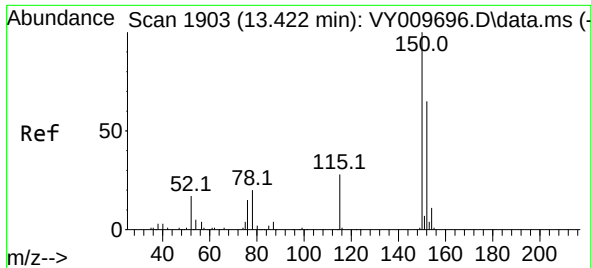
Tgt Ion: 95 Resp: 47080
Ion Ratio Lower Upper
95 100
174 98.0 0.0 177.0
176 94.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 117 Resp: 120482
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 33.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009705.D

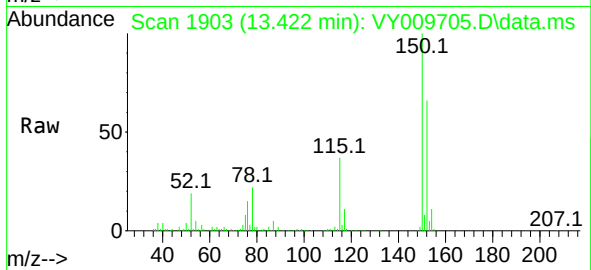
Acq: 26 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-072222



Tgt Ion:152 Resp: 69841

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 157.4 0.0 347.6

