

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010535.D
 Acq On : 16 Sep 2022 15:17
 Operator : KP/MD
 Sample : N4597-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5.5-6.0

Quant Time: Sep 17 00:28:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

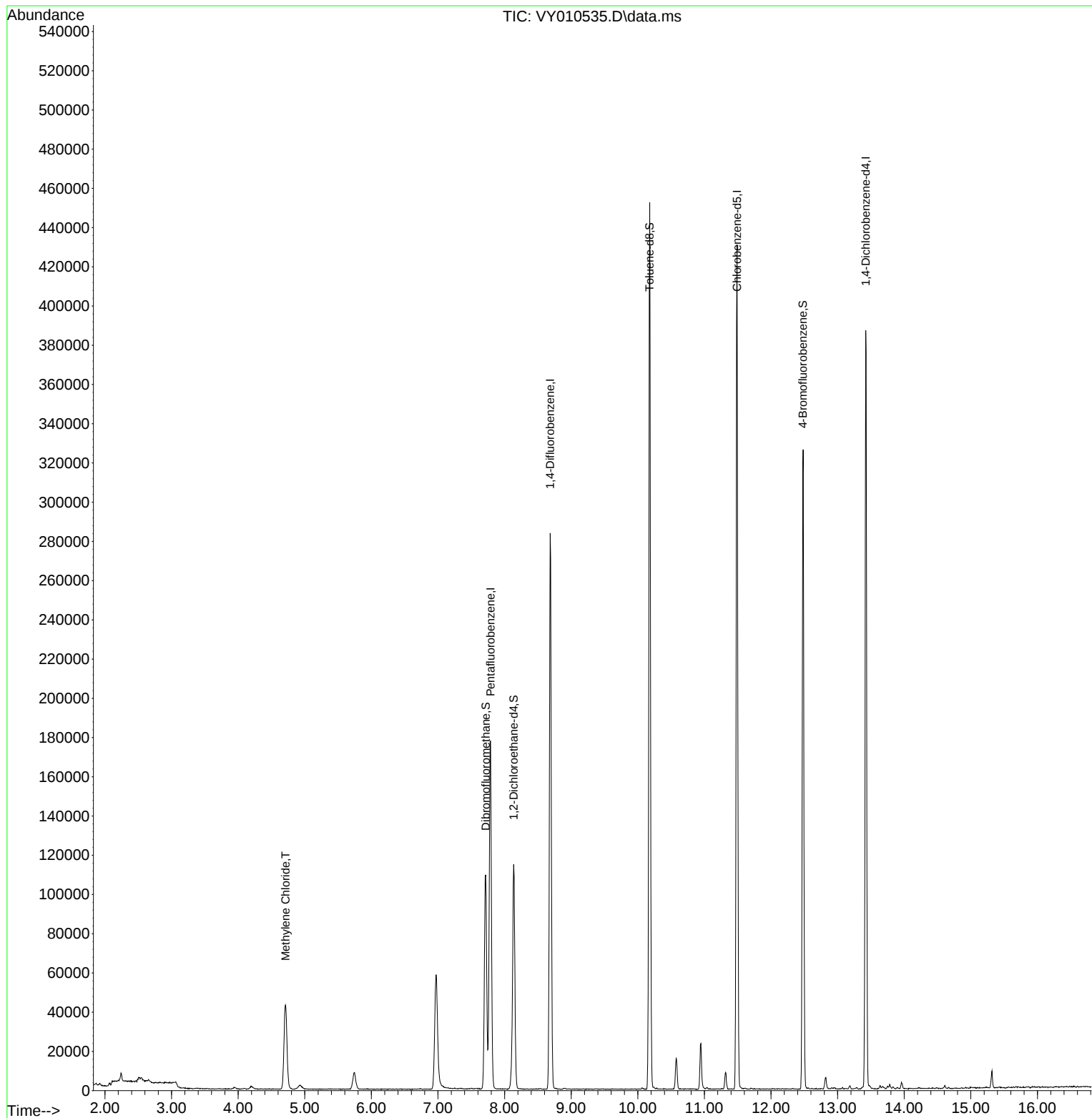
Internal Standards						
1) Pentafluorobenzene	7.789	168	140966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85594	60.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.580%	
35) Dibromofluoromethane	7.716	113	79366	45.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.840%	
50) Toluene-d8	10.179	98	293252	51.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.477	95	98579	43.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.120%	
Target Compounds						
20) Methylene Chloride	4.710	84	33736	16.824	ug/l	Qvalue # 83

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

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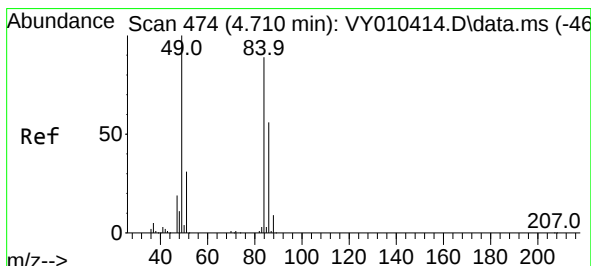
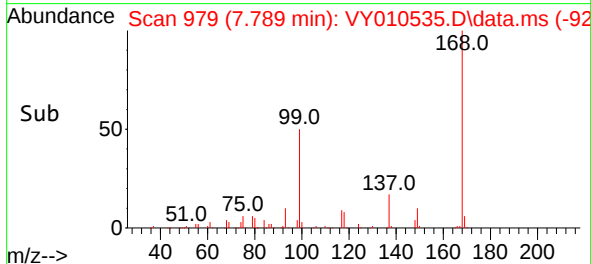
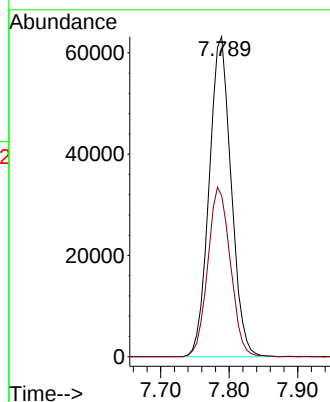
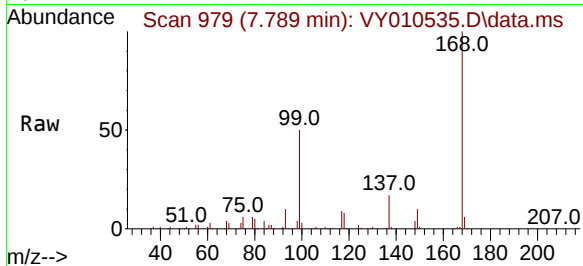




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

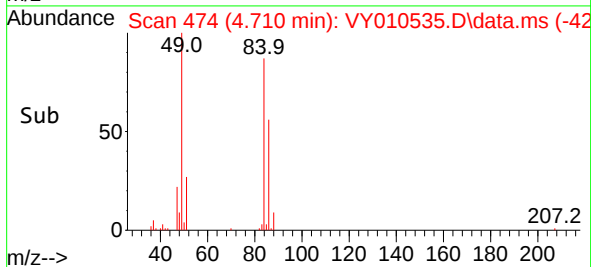
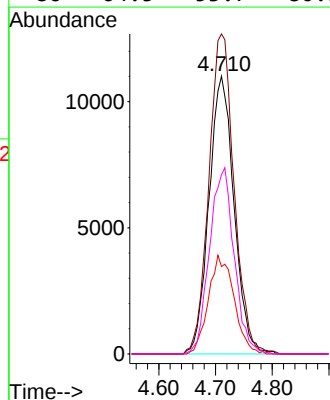
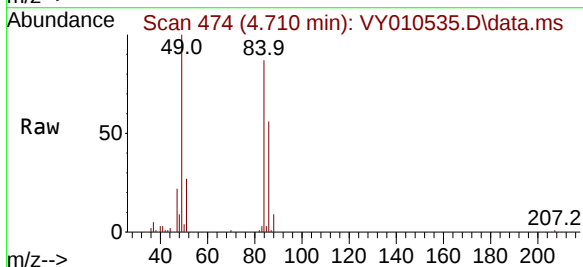
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

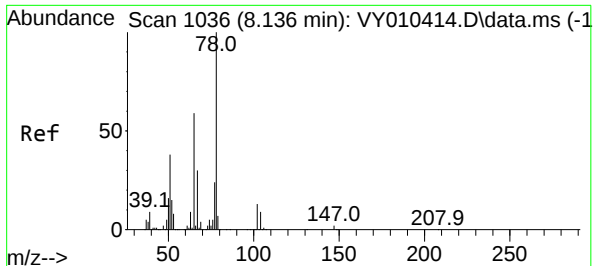
Tgt Ion:168 Resp: 140966
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#20
Methylene Chloride
Concen: 16.824 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 84 Resp: 33736
Ion Ratio Lower Upper
84 100
49 115.2 114.4 171.6
51 31.4 35.3 52.9#
86 64.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.288 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010535.D

Acq: 16 Sep 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

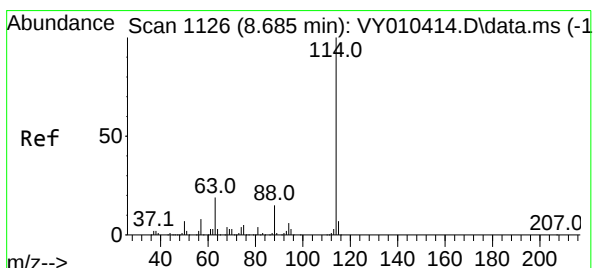
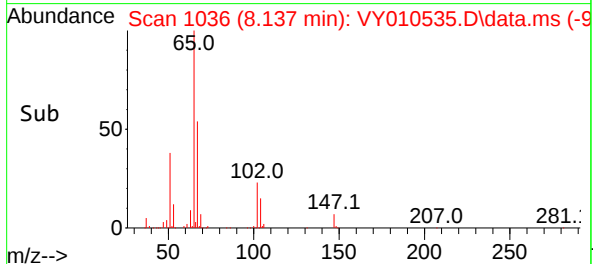
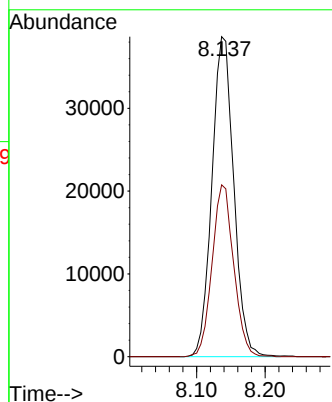
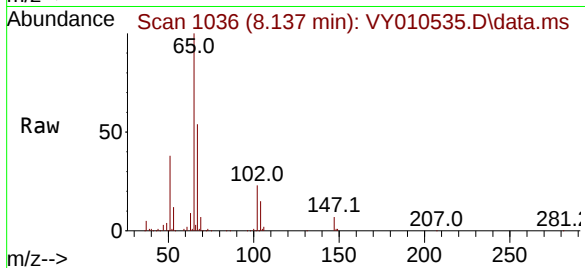
SB-02-5.5-6.0

Tgt Ion: 65 Resp: 85594

Ion Ratio Lower Upper

65 100

67 53.1 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: VY010535.D

Acq: 16 Sep 2022 15:17

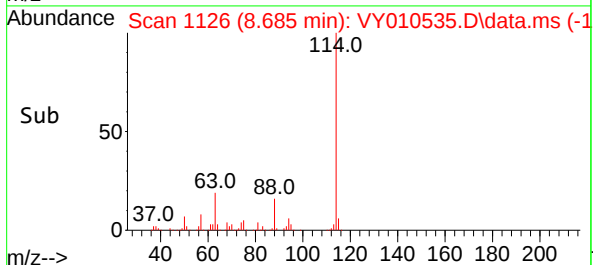
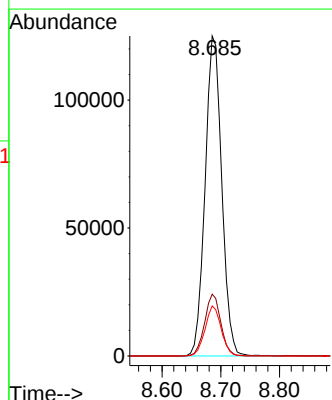
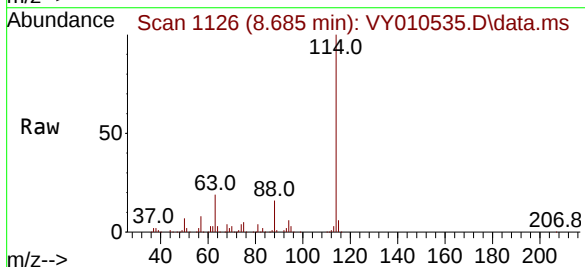
Tgt Ion: 114 Resp: 246030

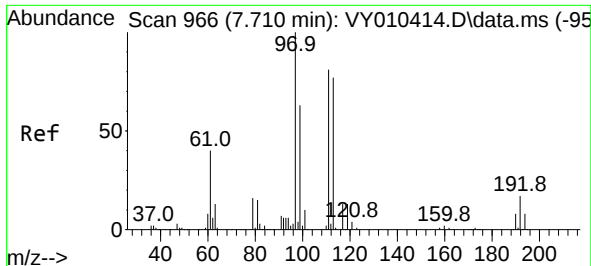
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.7 0.0 31.8

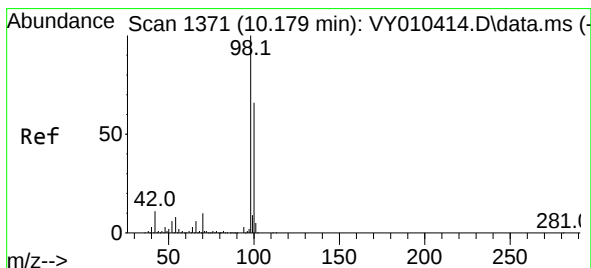
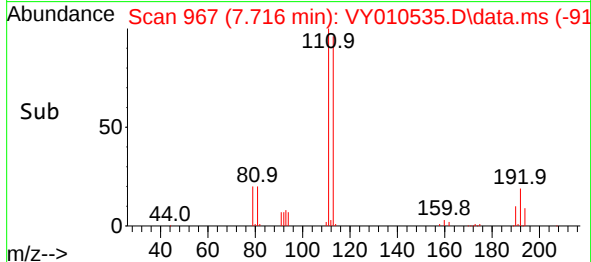
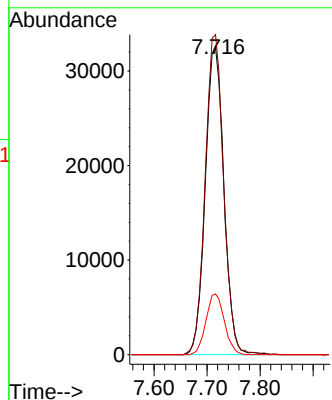
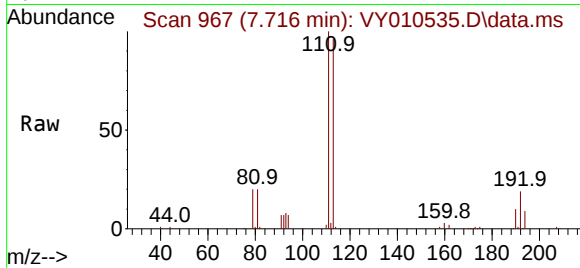




#35
Dibromofluoromethane
Concen: 45.422 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

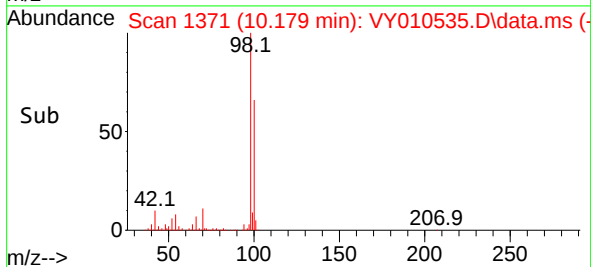
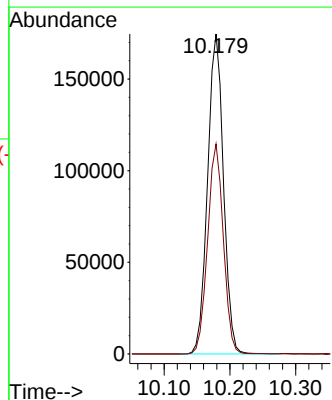
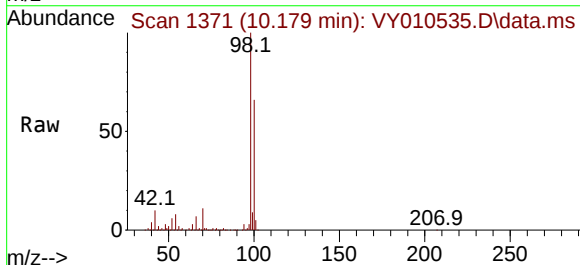
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

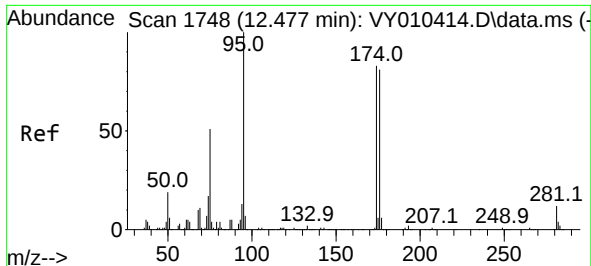
Tgt Ion:113 Resp: 79366
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 51.784 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 98 Resp: 293252
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

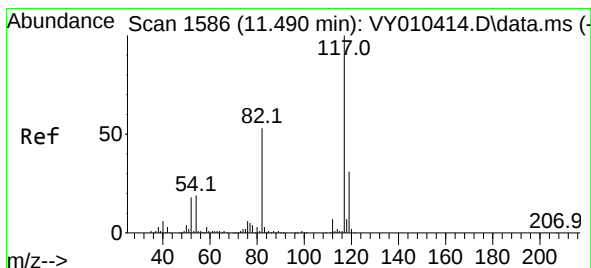
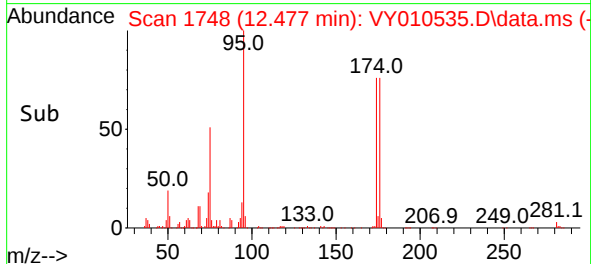
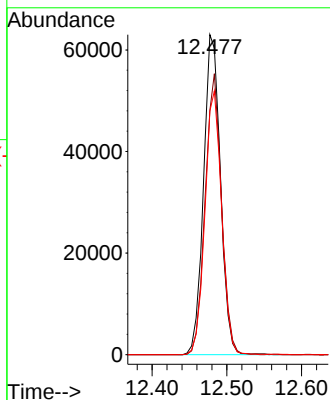
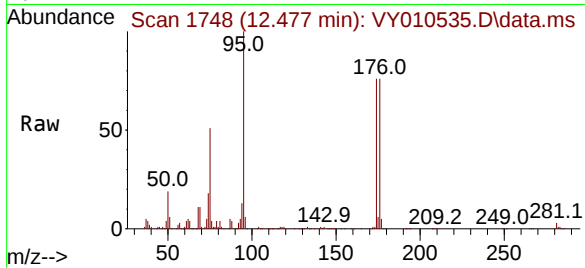




#62
4-Bromofluorobenzene
Concen: 43.063 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

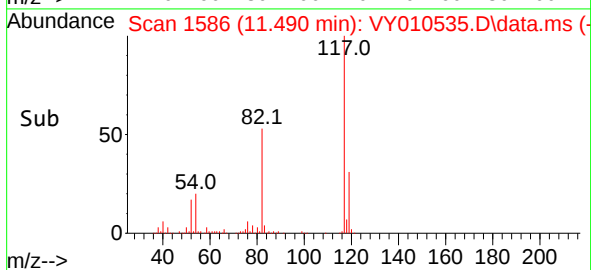
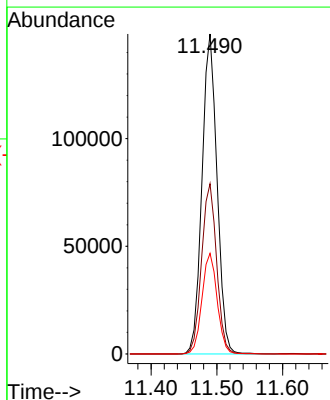
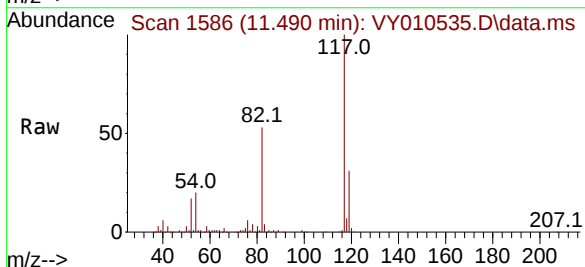
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

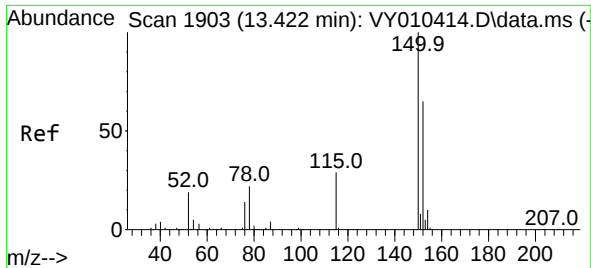
Tgt Ion: 95 Resp: 98579
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010535.D
Acq: 16 Sep 2022 15:17

Tgt Ion: 117 Resp: 236610
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.4 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: VY010535.D

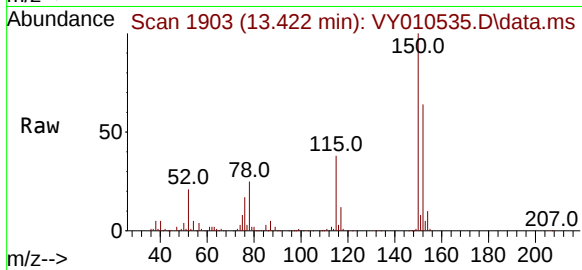
Acq: 16 Sep 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-5.5-6.0



Tgt Ion:152 Resp: 102927

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 156.5 0.0 347.6

