

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009516.D
 Acq On : 11 Jul 2022 17:26
 Operator : KP/MD
 Sample : N3631-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-3-070722

Quant Time: Jul 12 05:04:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

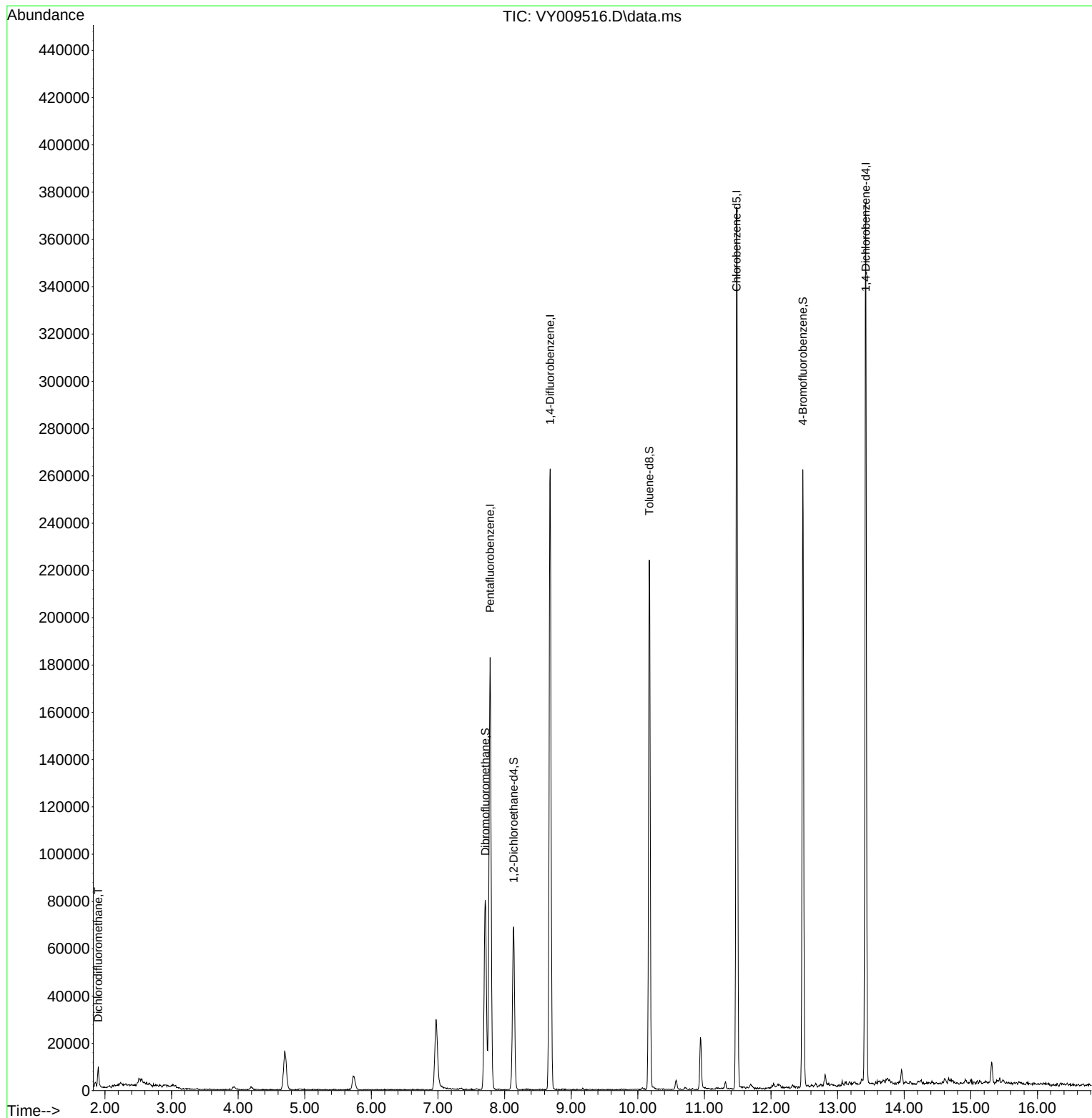
Internal Standards						
1) Pentafluorobenzene	7.783	168	143360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	197603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52723	52.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.080%
35) Dibromofluoromethane	7.710	113	56065	47.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.300%
50) Toluene-d8	10.173	98	145237	44.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	88.100%
62) 4-Bromofluorobenzene	12.477	95	74169	44.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	89.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	6334	5.761	ug/l	99

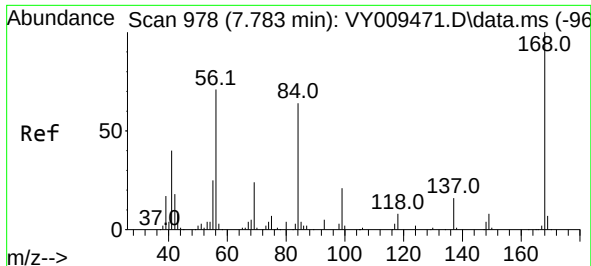
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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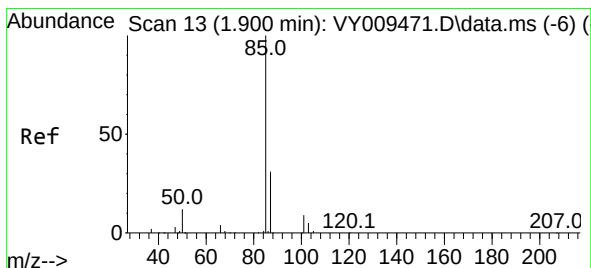
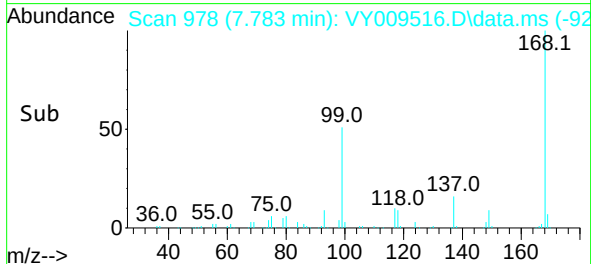
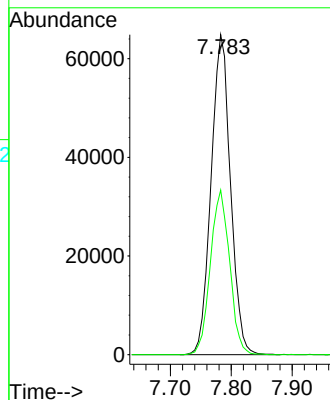
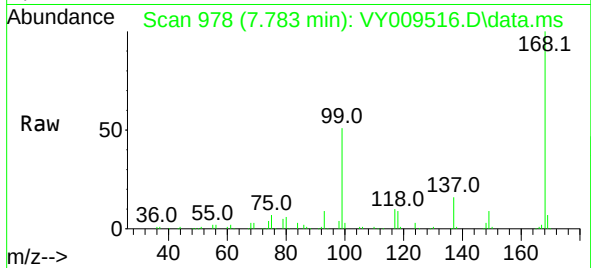




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

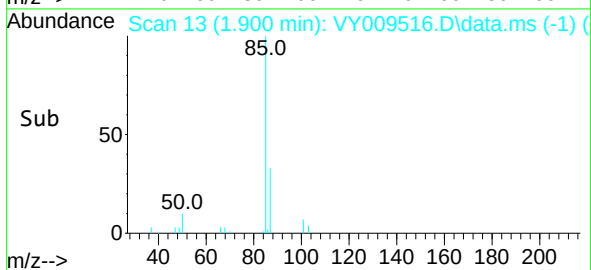
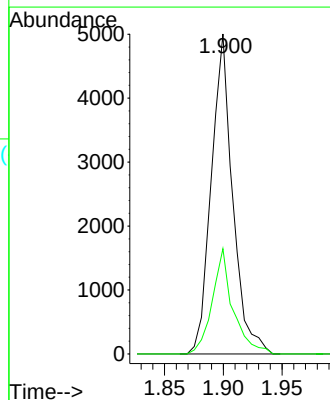
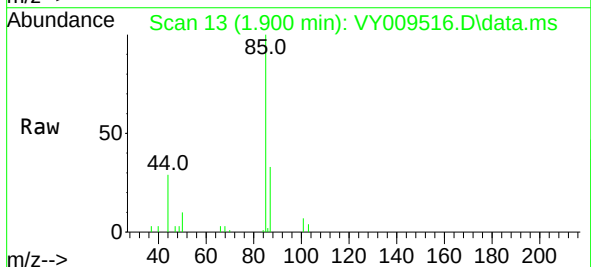
Instrument :
MSVOA_Y
ClientSampleId :
SU-3-070722

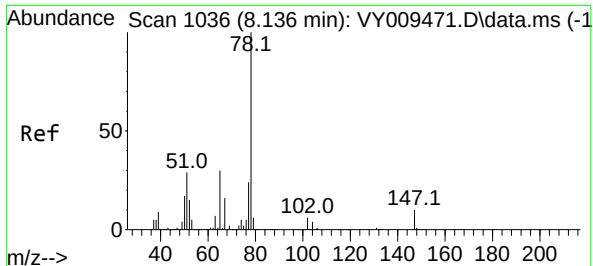
Tgt Ion:168 Resp: 143360
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.761 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

Tgt Ion: 85 Resp: 6334
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 52.537 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009516.D

Acq: 11 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

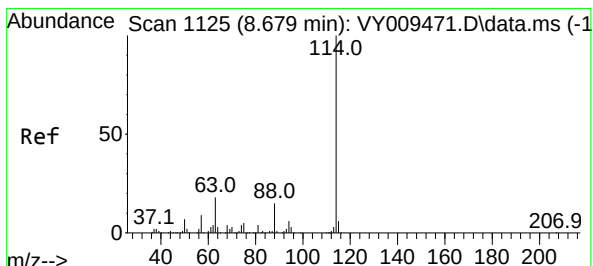
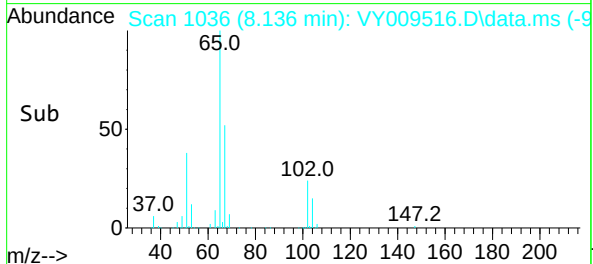
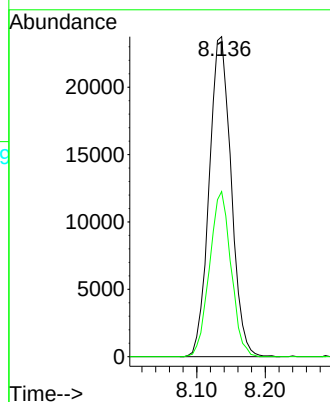
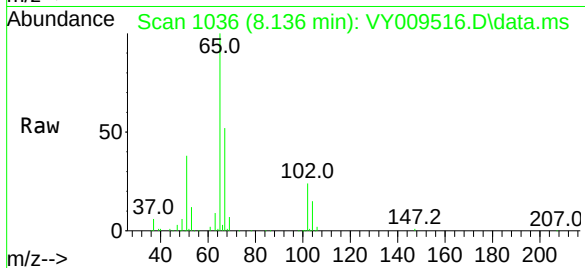
SU-3-070722

Tgt Ion: 65 Resp: 52723

Ion Ratio Lower Upper

65 100

67 50.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009516.D

Acq: 11 Jul 2022 17:26

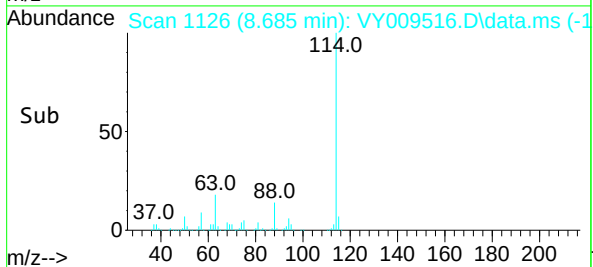
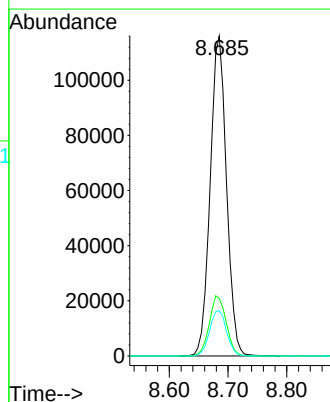
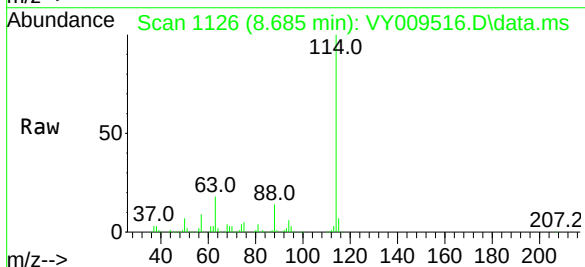
Tgt Ion: 114 Resp: 223620

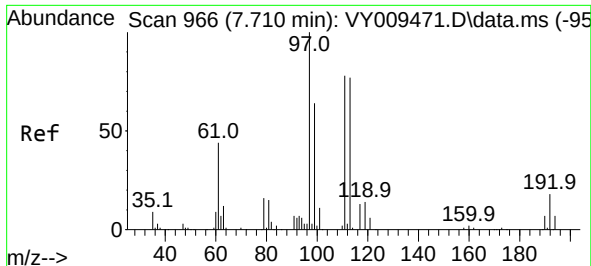
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.2 0.0 31.8

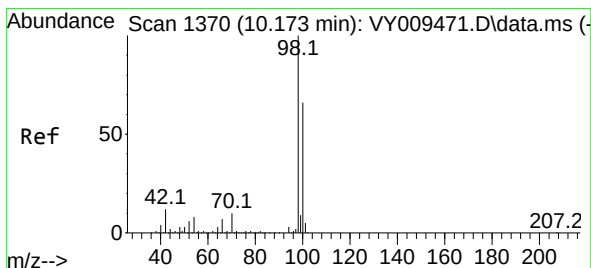
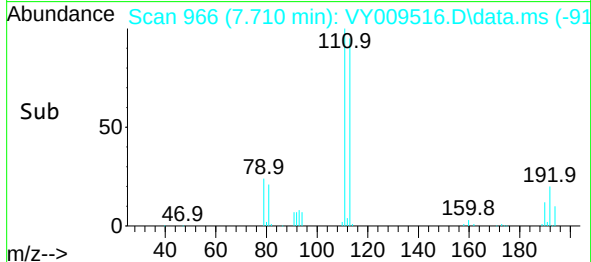
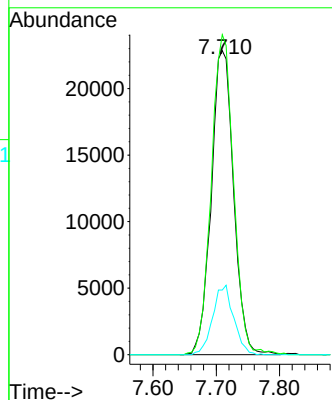
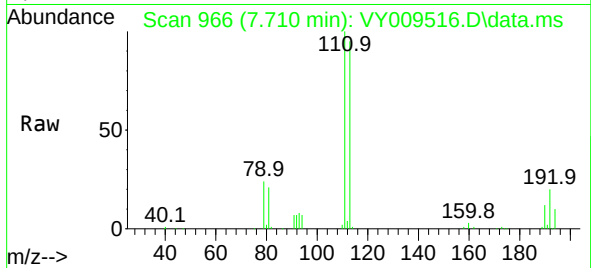




#35
 Dibromofluoromethane
 Concen: 47.649 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY009516.D
 Acq: 11 Jul 2022 17:26

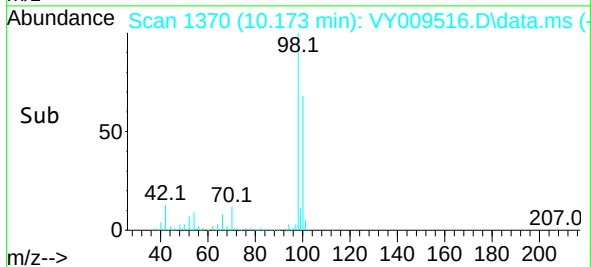
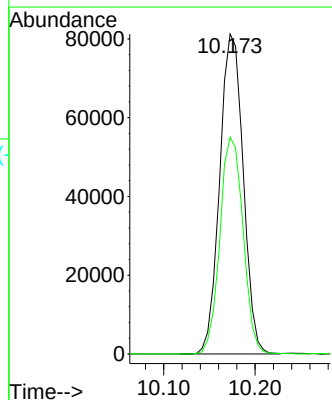
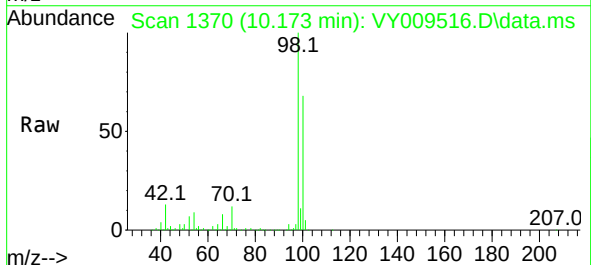
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-3-070722

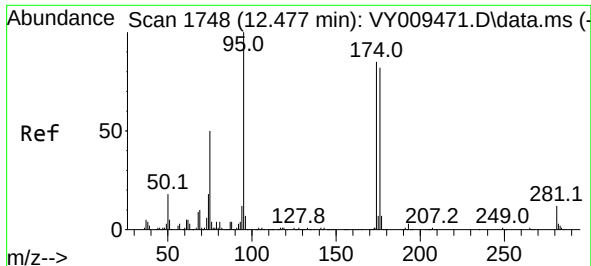
Tgt Ion:113 Resp: 56065
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.6 124.0
 192 21.4 17.6 26.4



#50
 Toluene-d8
 Concen: 44.055 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009516.D
 Acq: 11 Jul 2022 17:26

Tgt Ion: 98 Resp: 145237
 Ion Ratio Lower Upper
 98 100
 100 66.8 50.2 75.2

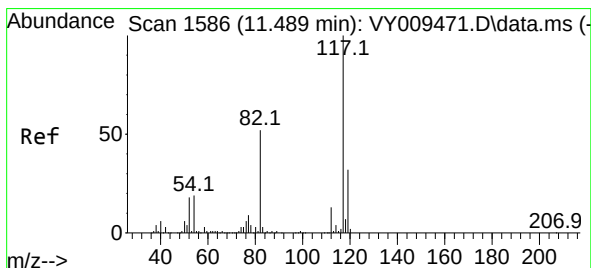
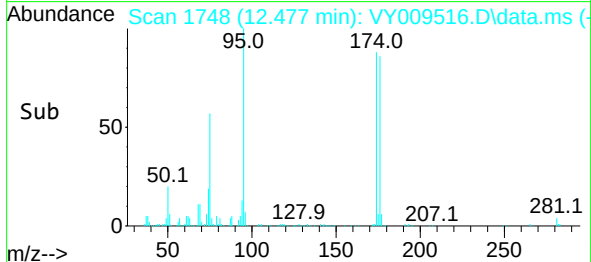
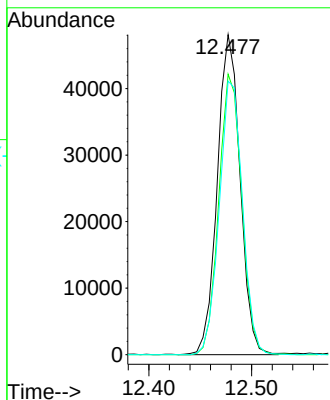
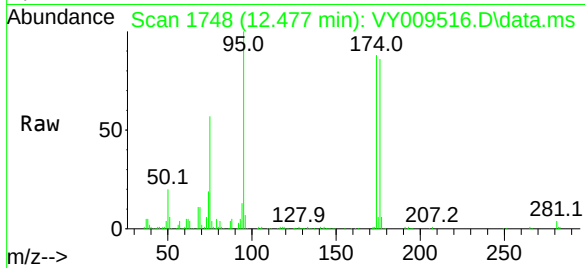




#62
4-Bromofluorobenzene
Concen: 44.656 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

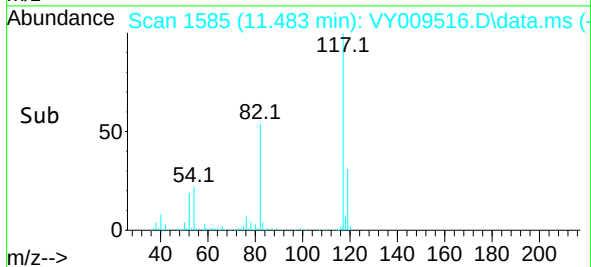
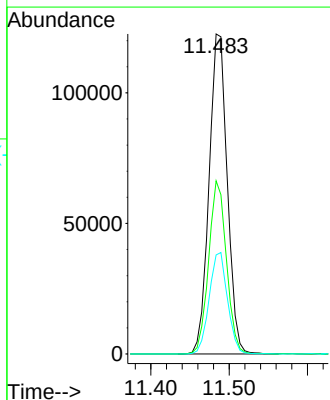
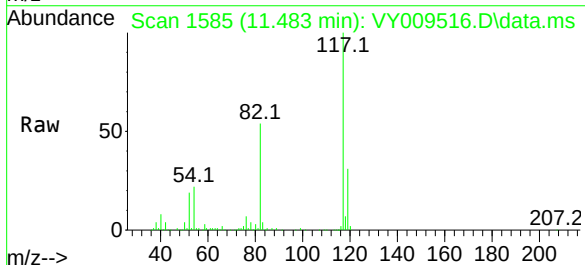
Instrument :
MSVOA_Y
ClientSampleId :
SU-3-070722

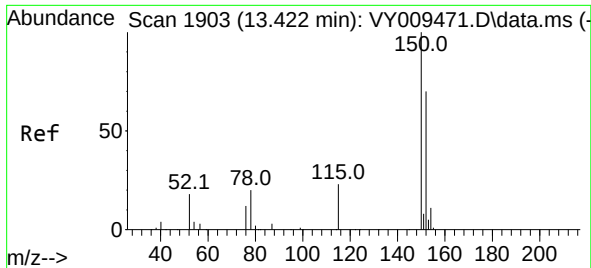
Tgt Ion: 95 Resp: 74169
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009516.D
Acq: 11 Jul 2022 17:26

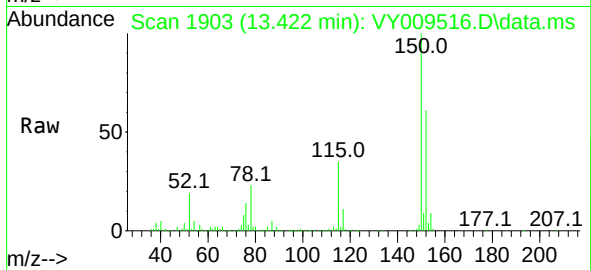
Tgt Ion: 117 Resp: 197603
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009516.D
 Acq: 11 Jul 2022 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-3-070722



Tgt Ion:	152	Resp:	91728
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.2	84.7
150	158.9	0.0	347.6

