

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007545.D
 Acq On : 18 Feb 2022 15:17
 Operator : SY/MD
 Sample : N1580-04
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4

Quant Time: Feb 19 04:33:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

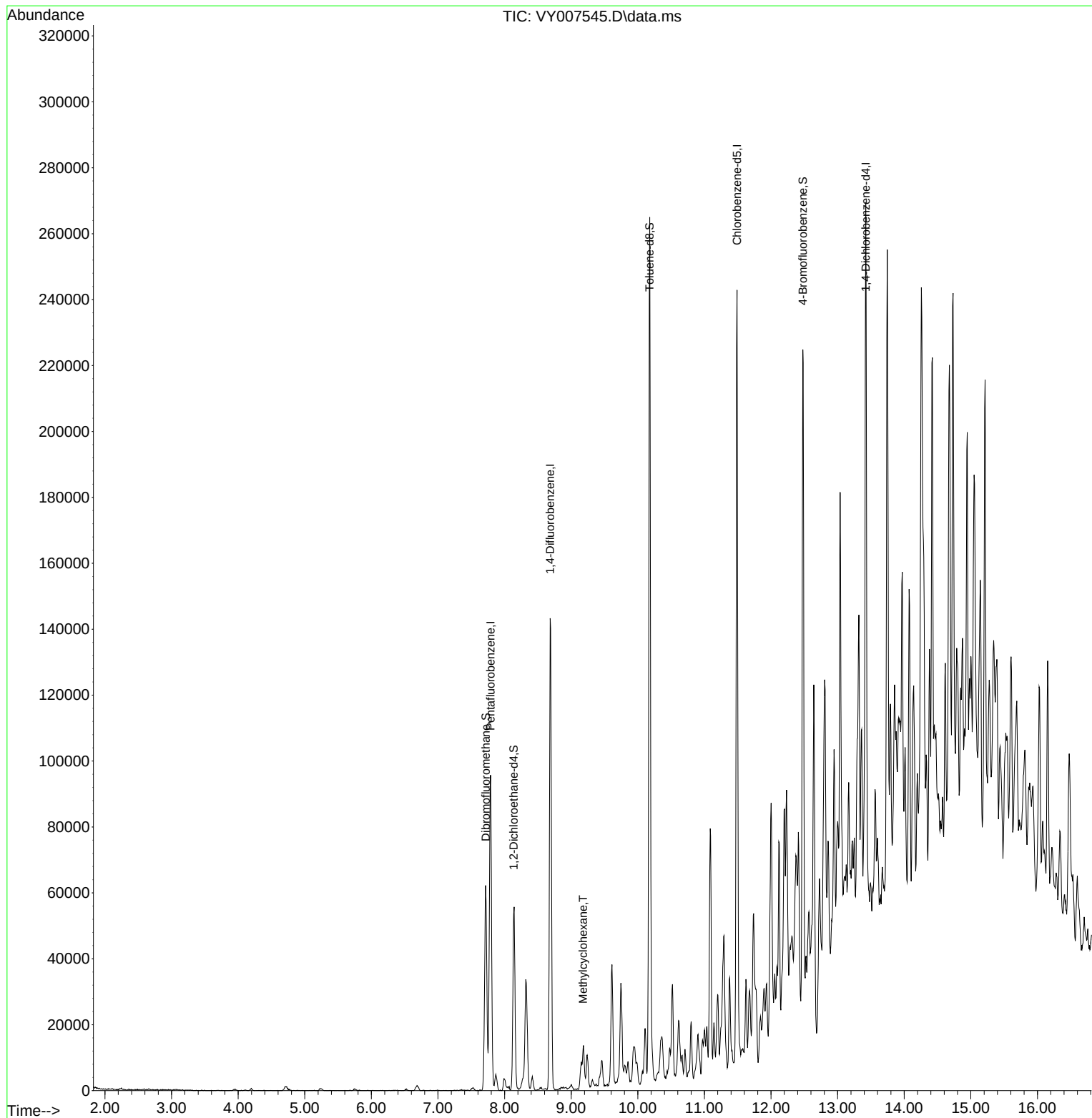
Internal Standards						
1) Pentafluorobenzene	7.789	168	72258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44323	55.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.120%
35) Dibromofluoromethane	7.716	113	41265	51.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.179	98	155747	51.380	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.477	95	57850	56.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.560%
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.179	83	4494	2.677	ug/l #	84

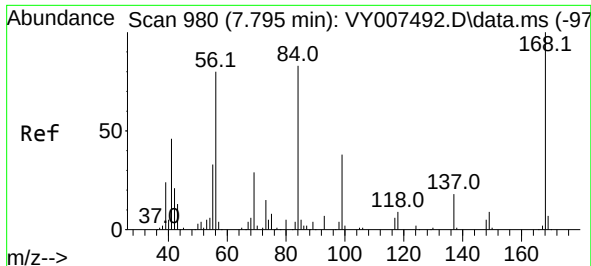
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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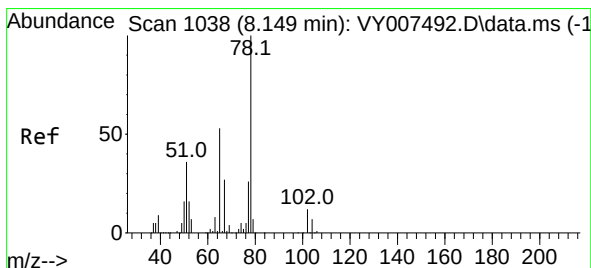
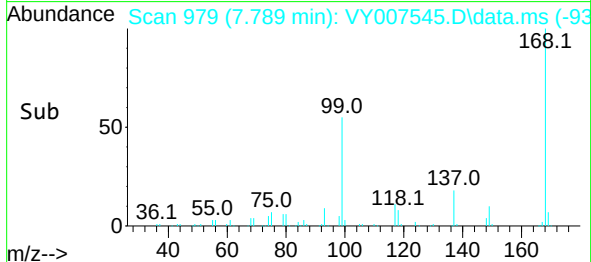
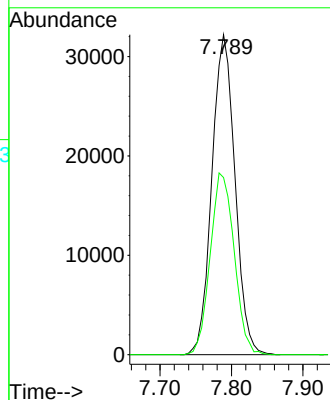
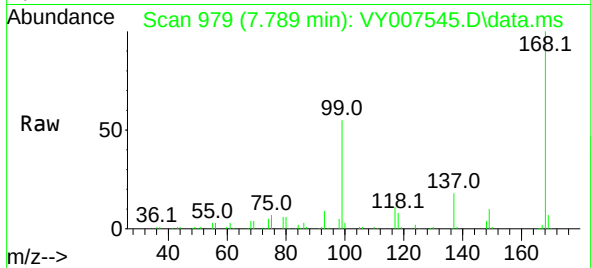




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007545.D
Acq: 18 Feb 2022 15:17

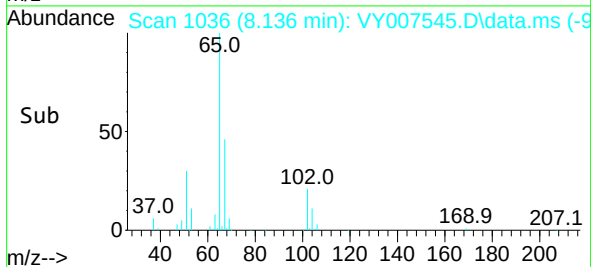
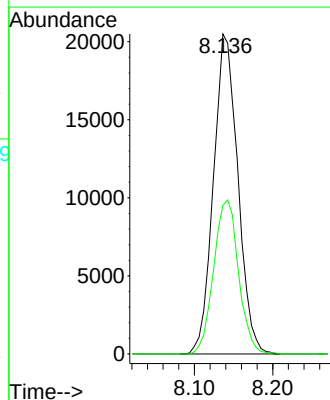
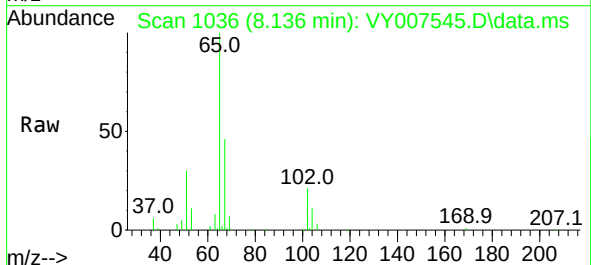
Instrument :
MSVOA_Y
ClientSampleId :
D-4

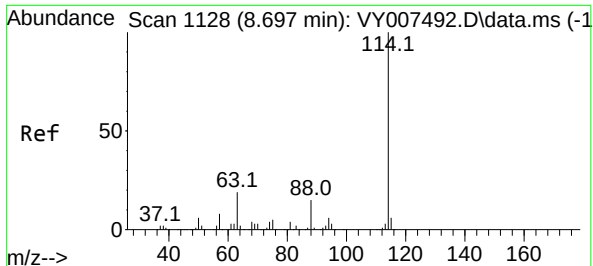
Tgt Ion:168 Resp: 72258
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.559 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007545.D
Acq: 18 Feb 2022 15:17

Tgt Ion: 65 Resp: 44323
Ion Ratio Lower Upper
65 100
67 49.0 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: VY007545.D

Acq: 18 Feb 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

D-4

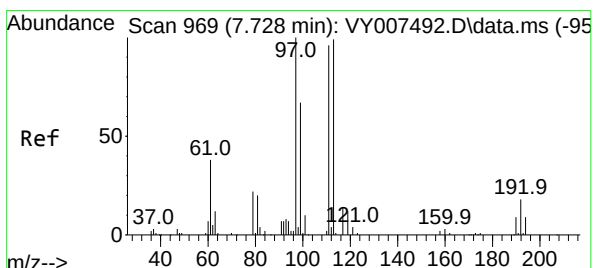
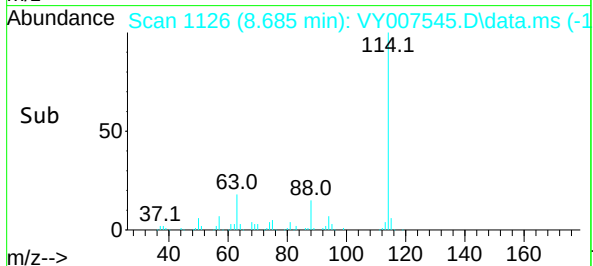
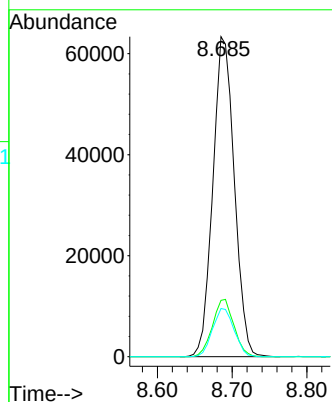
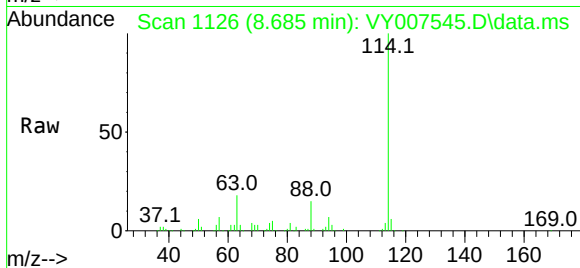
Tgt Ion:114 Resp: 126556

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.704 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007545.D

Acq: 18 Feb 2022 15:17

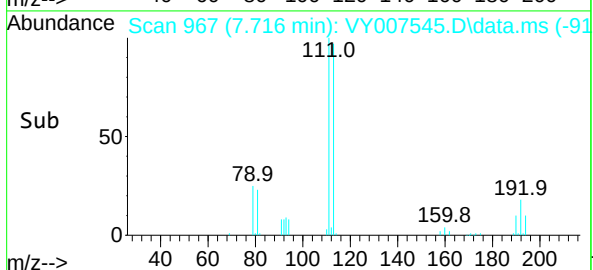
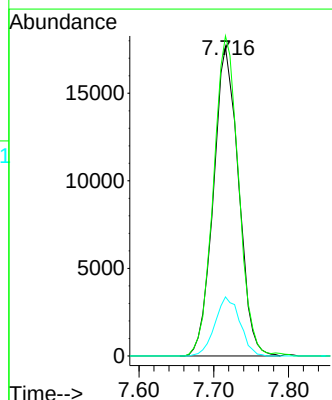
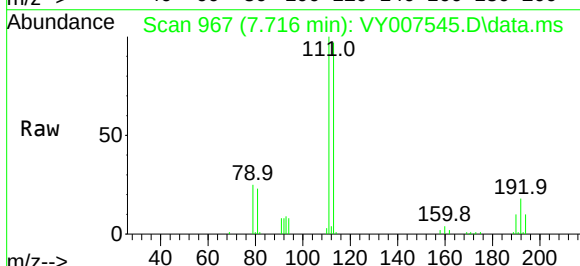
Tgt Ion:113 Resp: 41265

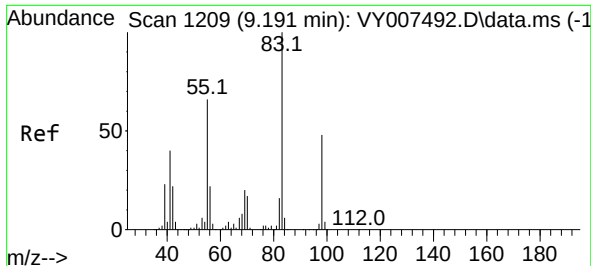
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.0 17.6 26.4





#39

Methylcyclohexane

Concen: 2.677 ug/l

RT: 9.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007545.D

Acq: 18 Feb 2022 15:17

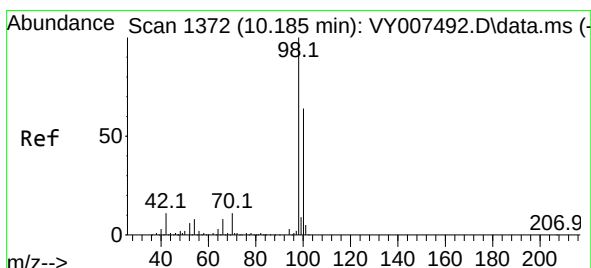
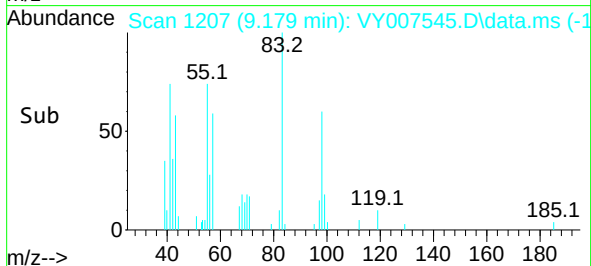
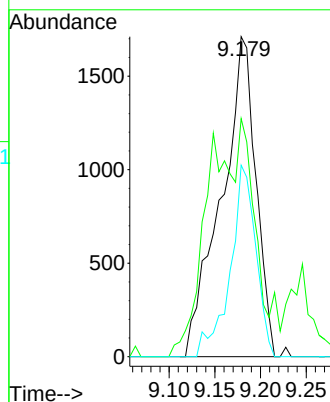
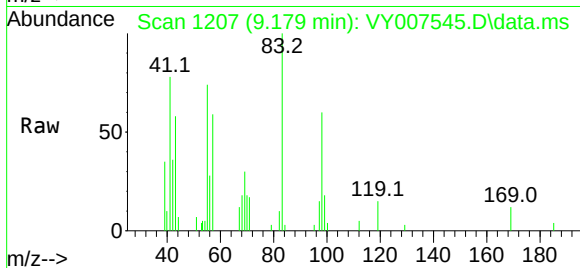
Instrument :

MSVOA_Y

ClientSampleId :

D-4

Tgt Ion: 83	Resp: 4494
Ion Ratio	Lower Upper
83 100	
55 69.8	66.5 99.7
98 59.8	37.9 56.9



#50

Toluene-d8

Concen: 51.380 ug/l

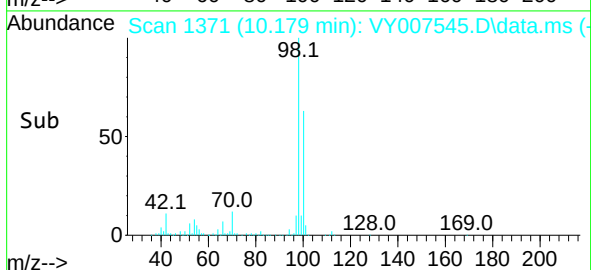
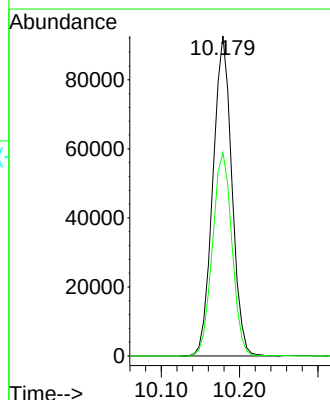
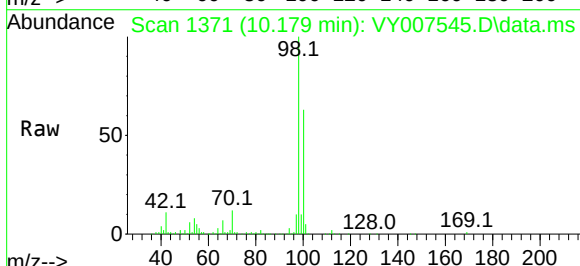
RT: 10.179 min Scan# 1371

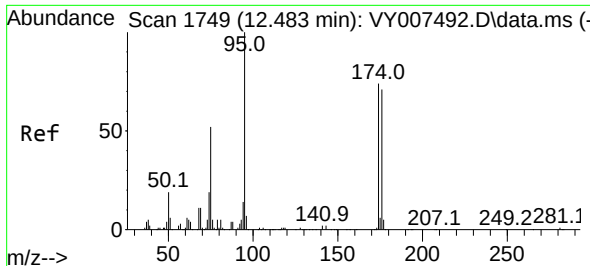
Delta R.T. -0.006 min

Lab File: VY007545.D

Acq: 18 Feb 2022 15:17

Tgt Ion: 98	Resp: 155747
Ion Ratio	Lower Upper
98 100	
100 65.2	50.2 75.2

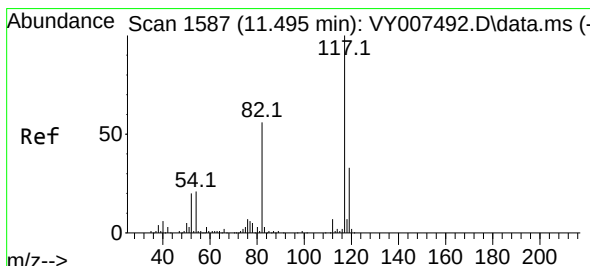
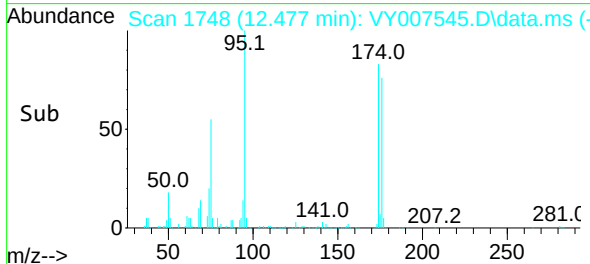
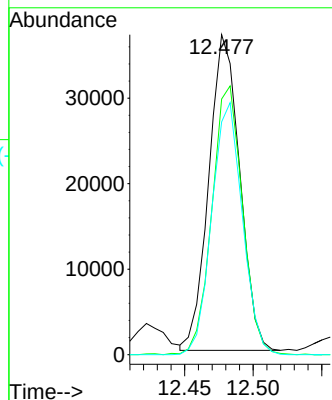
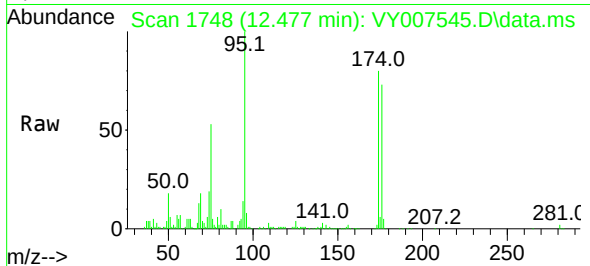




#62
4-Bromofluorobenzene
Concen: 56.284 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007545.D
Acq: 18 Feb 2022 15:17

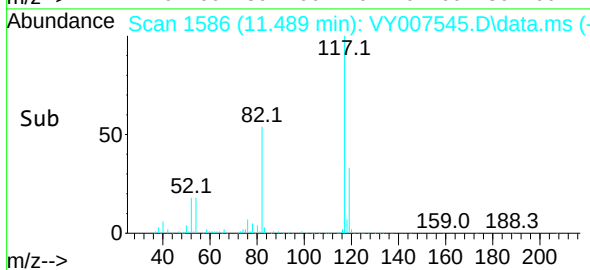
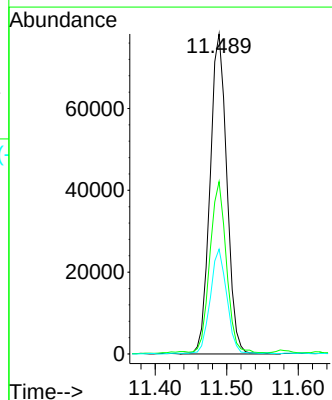
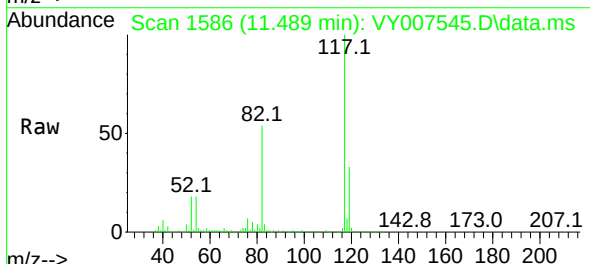
Instrument :
MSVOA_Y
ClientSampleId :
D-4

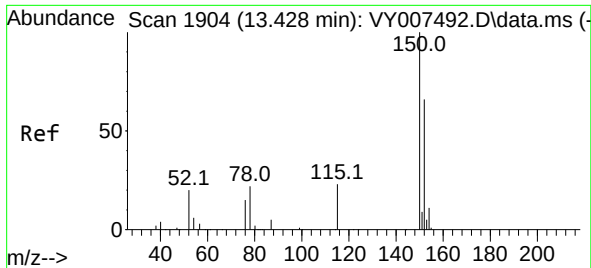
Tgt Ion:	95	Resp:	57850
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	177.0
176	79.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007545.D
Acq: 18 Feb 2022 15:17

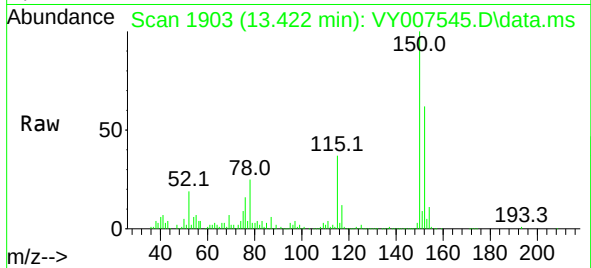
Tgt Ion:	117	Resp:	127564
Ion Ratio	Lower	Upper	
117	100		
82	53.1	43.0	64.4
119	32.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007545.D
 Acq: 18 Feb 2022 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4



Tgt Ion:152 Resp: 55186
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 154.1 0.0 347.6

