

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004825.D
 Acq On : 18 May 2021 14:42
 Operator : SY/MD
 Sample : M2413-01RE
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

Quant Time: May 19 01:03:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

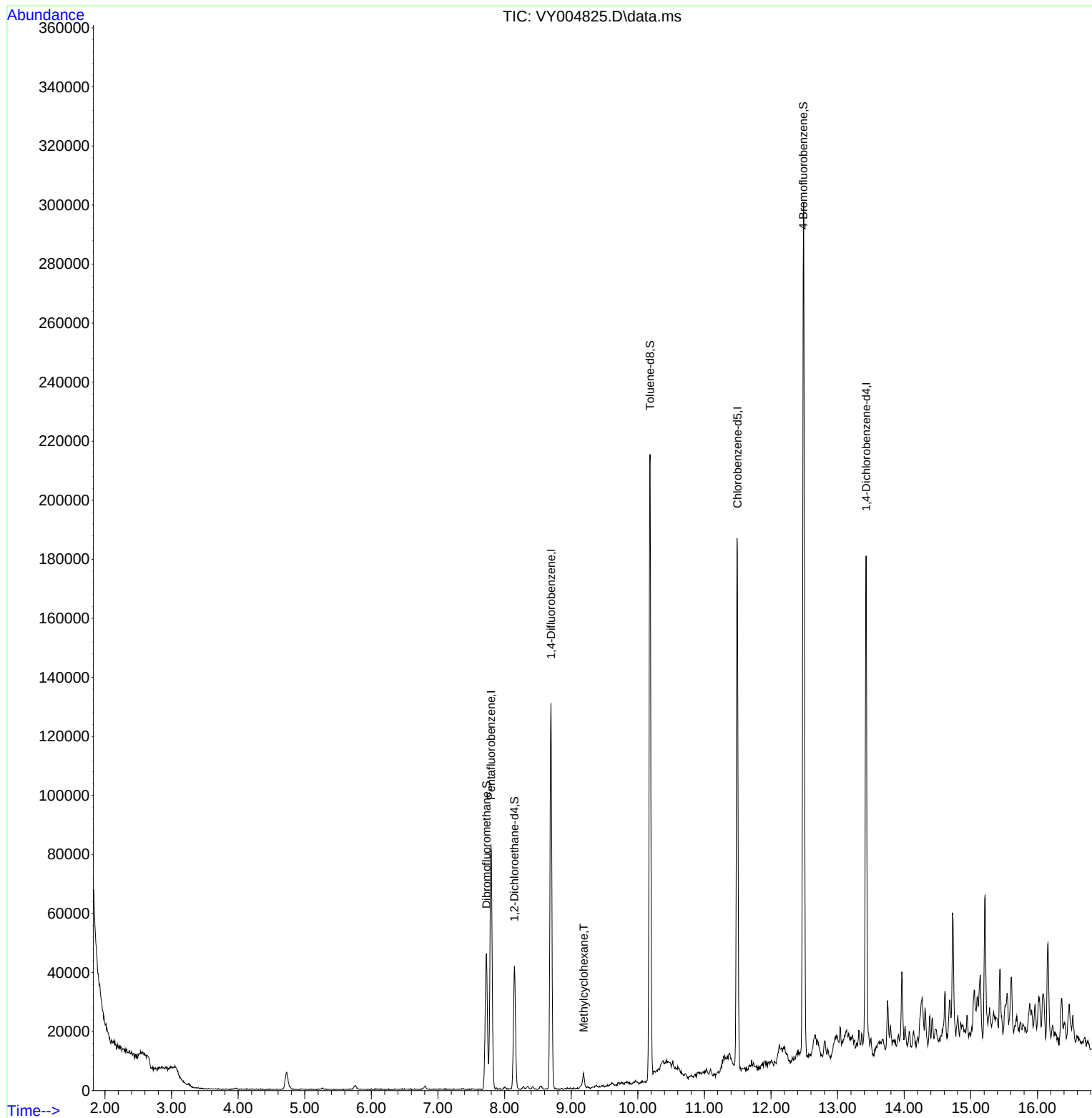
Internal Standards						
1) Pentafluorobenzene	7.795	168	61157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	94743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31205	42.87	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.74%
35) Dibromofluoromethane	7.728	113	32163	56.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.82%
50) Toluene-d8	10.185	98	132828	52.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.06%
62) 4-Bromofluorobenzene	12.483	95	41596	48.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.54%
Target Compounds						
39) Methylcyclohexane	9.191	83	1892	1.64	ug/l	Qvalue 91

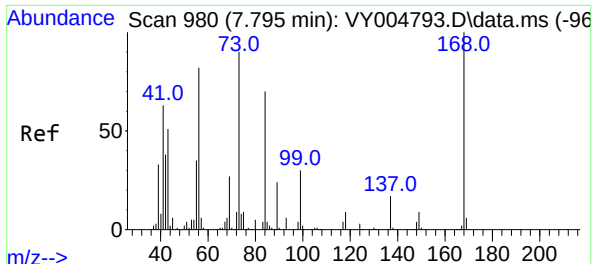
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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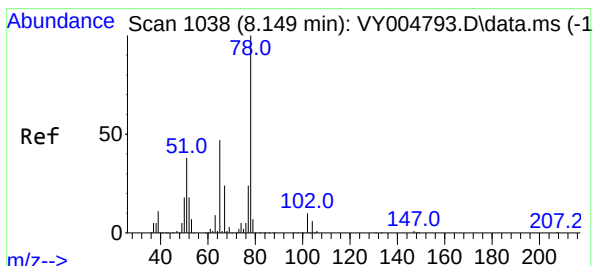
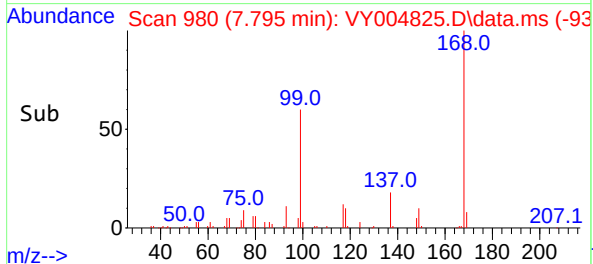
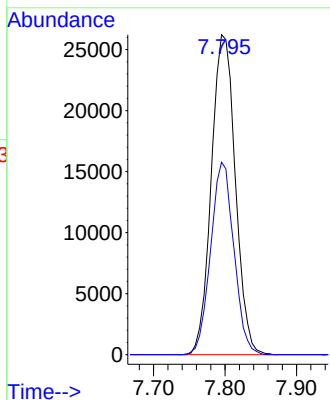
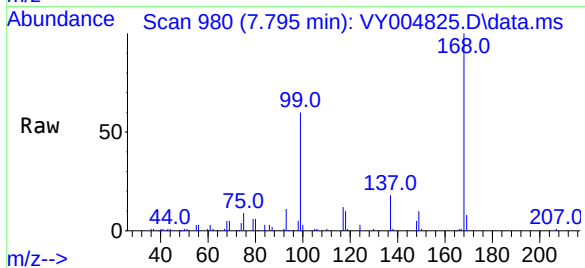




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

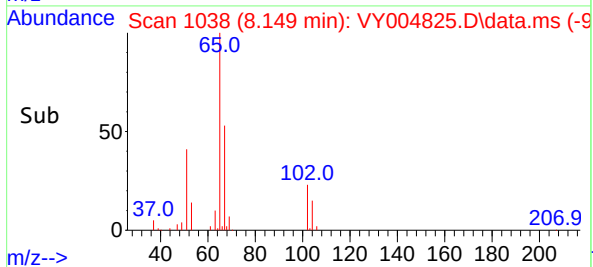
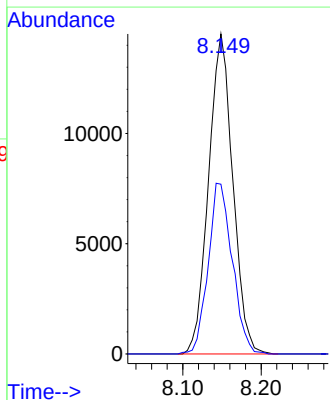
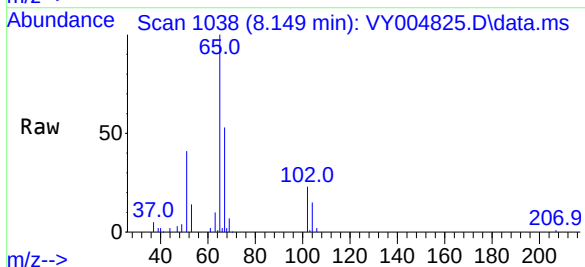
Instrument :
MSVOA_Y
ClientSampleId :
124035

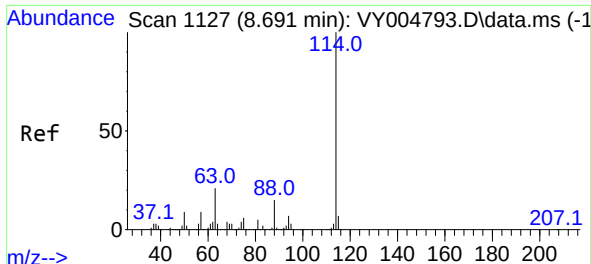
Tgt Ion:168 Resp: 61157
Ion Ratio Lower Upper
168 100
99 60.2 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 42.87 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion: 65 Resp: 31205
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



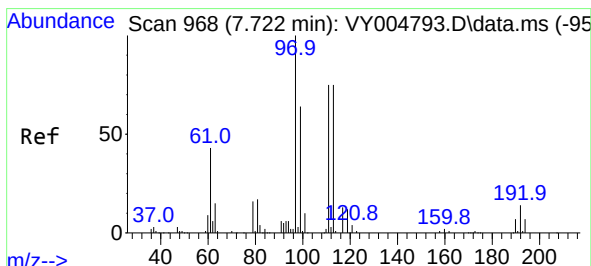
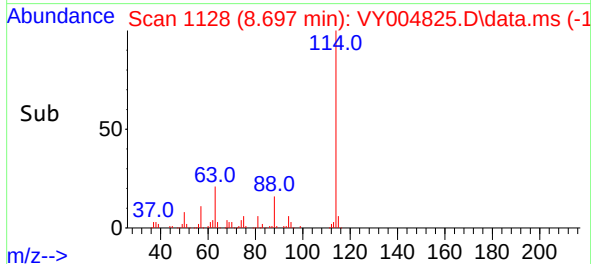
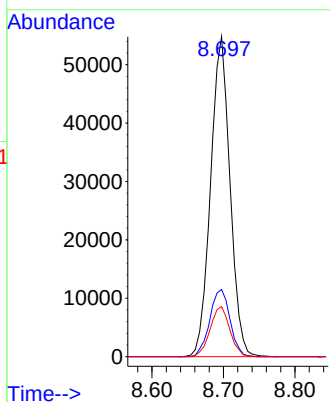
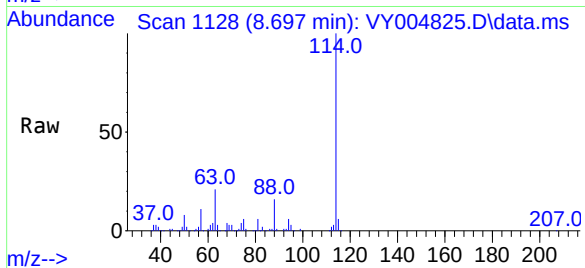


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Instrument :
MSVOA_Y
ClientSampleId :
124035

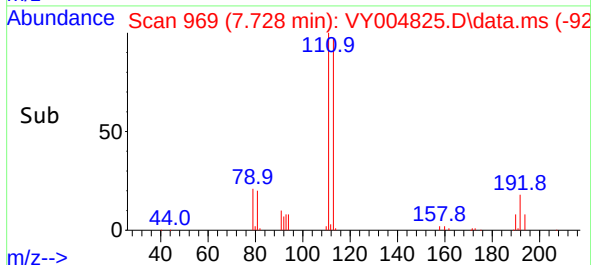
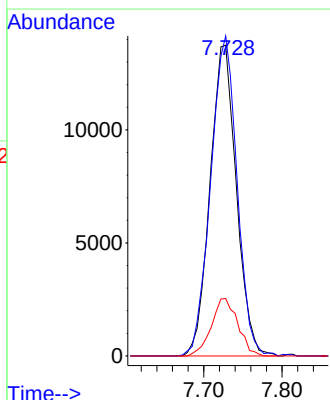
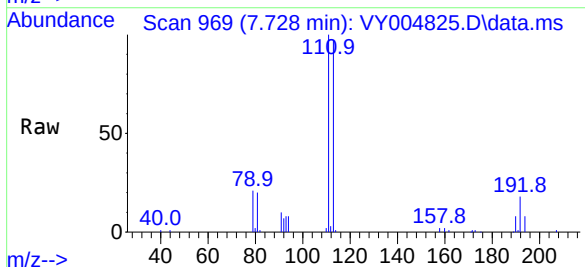
Tgt Ion:	114	Resp:	103232
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.8
88	15.7	0.0	31.0

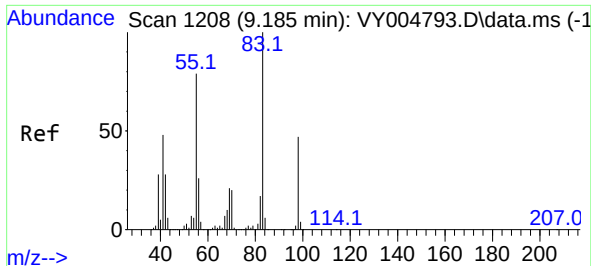


#35

Dibromofluoromethane
Concen: 56.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion:	113	Resp:	32163
Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	18.5	15.0	22.6





#39

Methylcyclohexane

Concen: 1.64 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

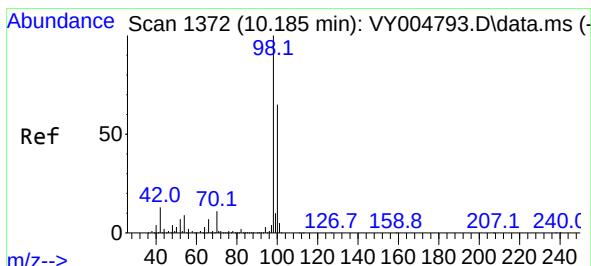
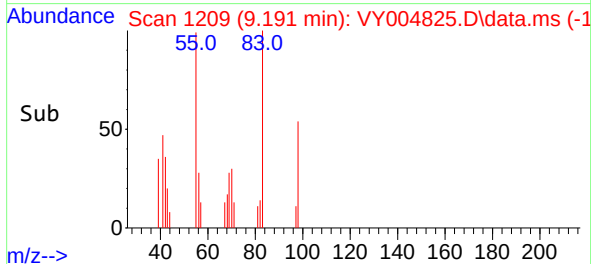
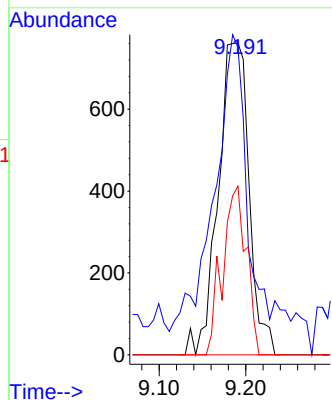
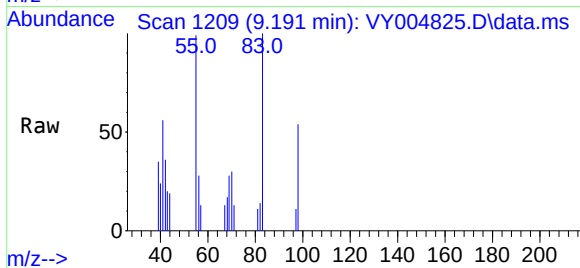
Lab File: VY004825.D

Acq: 18 May 2021 14:42

Instrument :
MSVOA_Y
ClientSampleId :
124035

Tgt Ion: 83 Resp: 1892

Ion	Ratio	Lower	Upper
83	100		
55	85.2	62.6	94.0
98	54.1	37.8	56.6



#50

Toluene-d8

Concen: 52.03 ug/l

RT: 10.185 min Scan# 1372

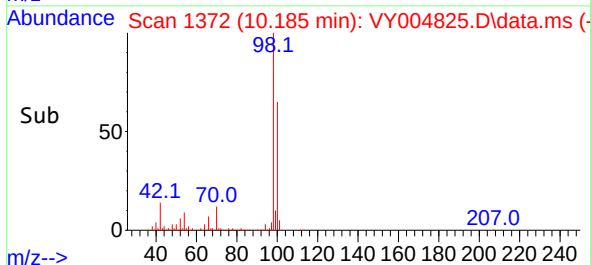
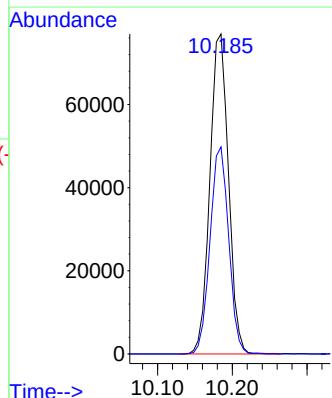
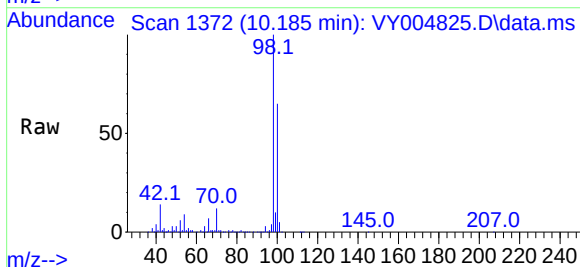
Delta R.T. -0.000 min

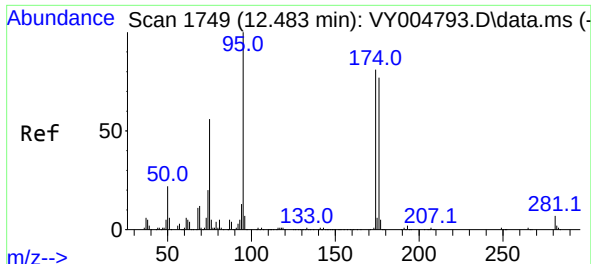
Lab File: VY004825.D

Acq: 18 May 2021 14:42

Tgt Ion: 98 Resp: 132828

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.5	77.3

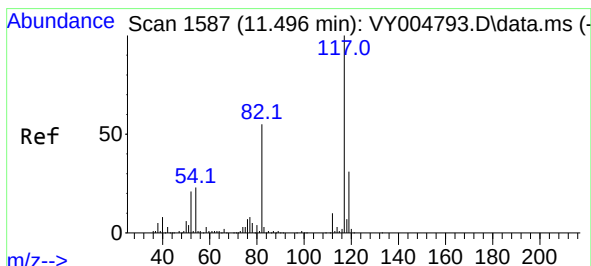
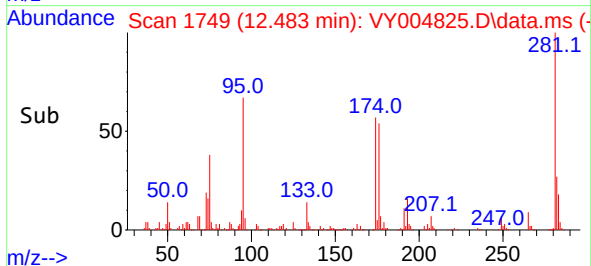
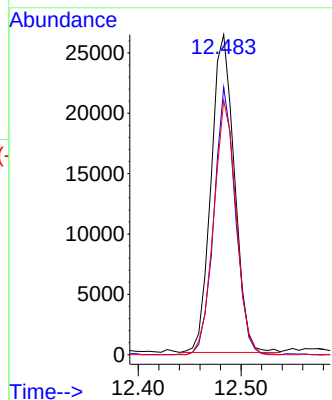
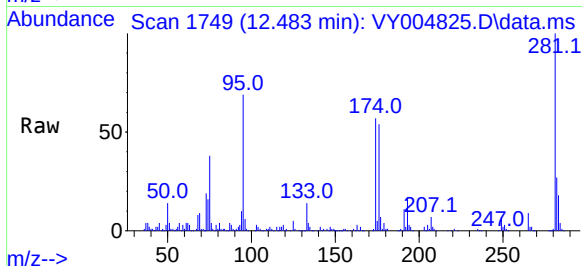




#62
4-Bromofluorobenzene
Concen: 48.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

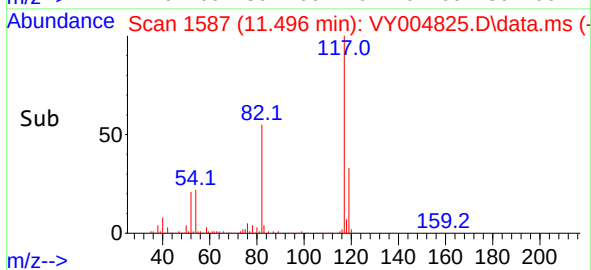
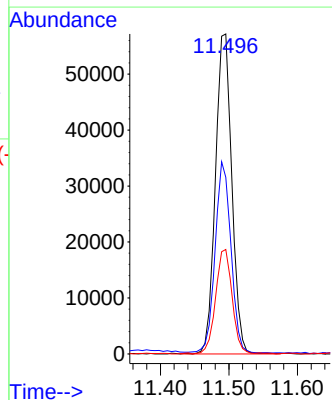
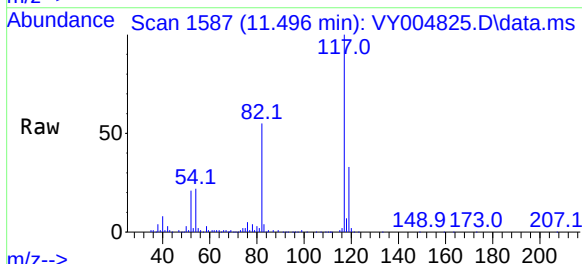
Instrument :
MSVOA_Y
ClientSampleId :
124035

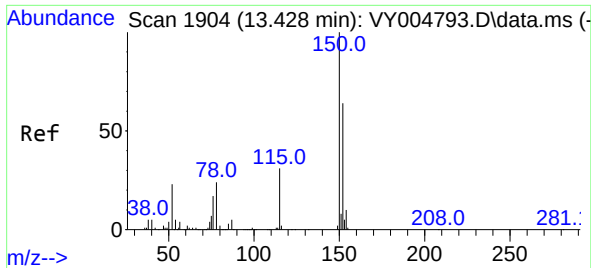
Tgt Ion:	95	Resp:	41596
Ion Ratio	100	Lower	Upper
174	77.3	0.0	164.2
176	76.6	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion:	117	Resp:	94743
Ion Ratio	100	Lower	Upper
82	54.9	45.4	68.2
119	32.5	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004825.D
 Acq: 18 May 2021 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

Tgt Ion:152 Resp: 38113
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.4 88.3
 150 159.5 0.0 349.8

