

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006519.D
 Acq On : 28 Oct 2021 16:34
 Operator : SY/MD
 Sample : M4375-11
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15(1.0-1.5)

Quant Time: Oct 29 07:05:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

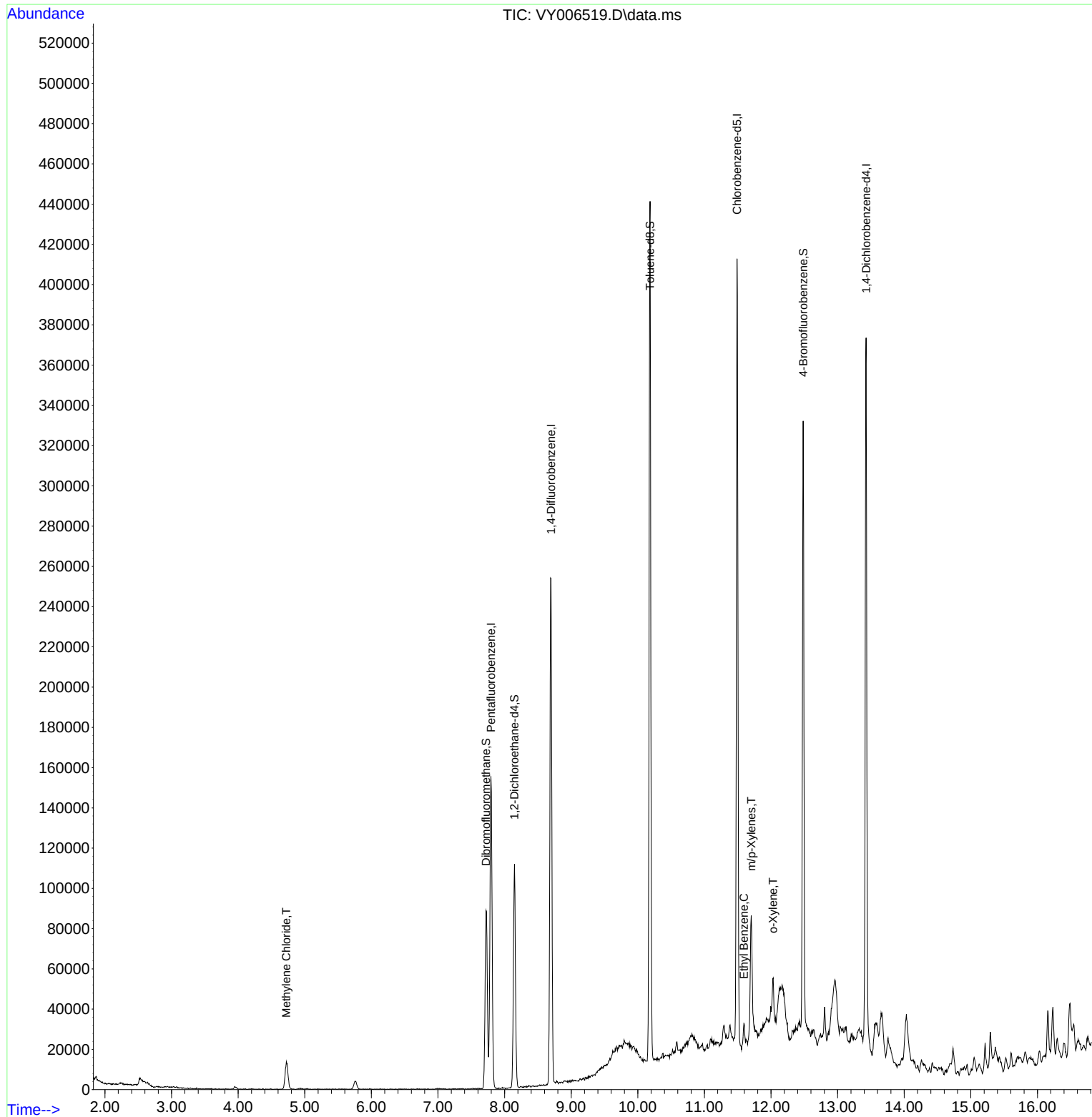
Internal Standards						
1) Pentafluorobenzene	7.795	168	120182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	203825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85756	57.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.722	113	60807	53.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.040%
50) Toluene-d8	10.185	98	267269	55.497	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.000%
62) 4-Bromofluorobenzene	12.483	95	86425	53.273	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.540%
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	9672	3.576	ug/l	95
67) Ethyl Benzene	11.593	91	8603	1.184	ug/l	100
68) m/p-Xylenes	11.703	106	14724	5.386	ug/l	98
69) o-Xylene	12.032	106	5558	2.131	ug/l	96

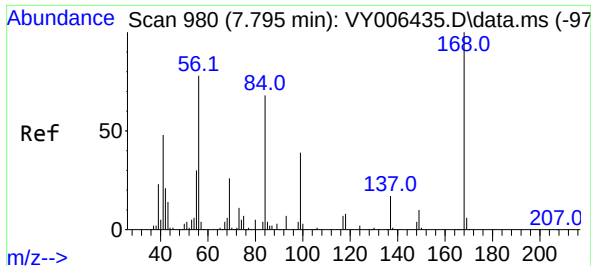
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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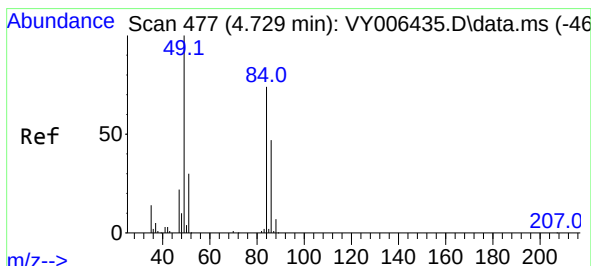
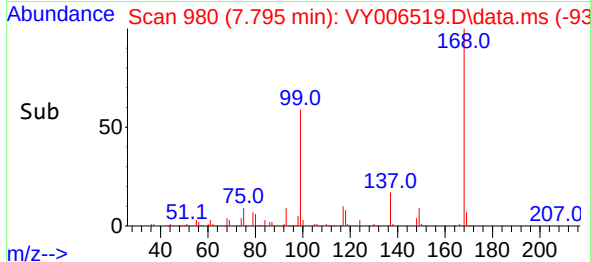
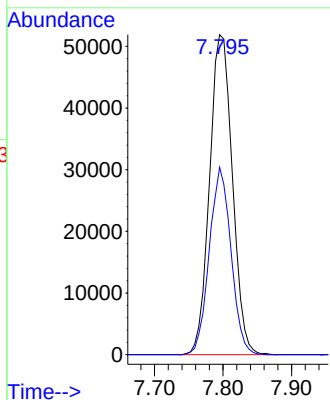
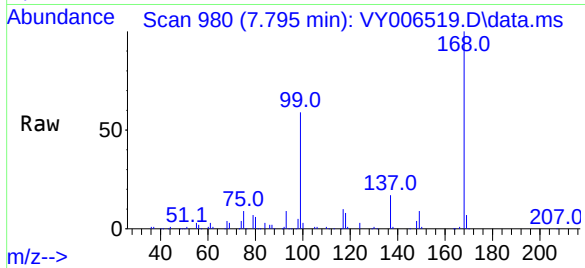




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

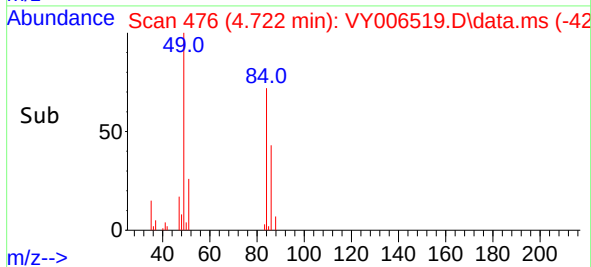
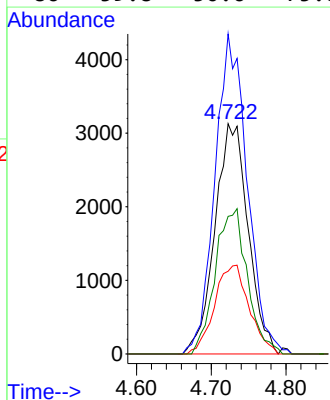
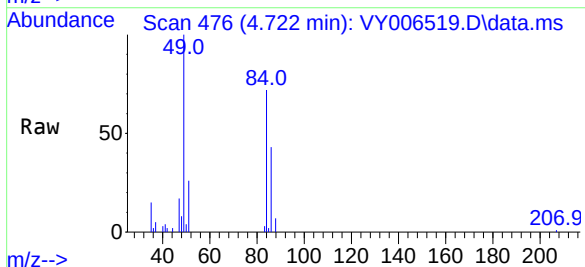
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(1.0-1.5)

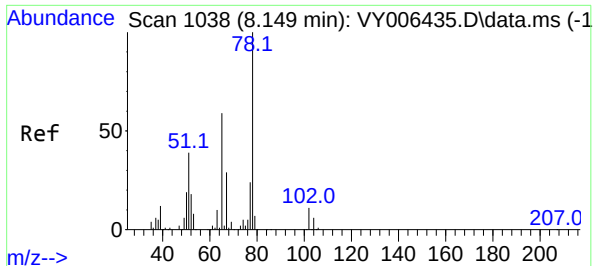
Tgt Ion:168 Resp: 120182
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#20
Methylene Chloride
Concen: 3.576 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion: 84 Resp: 9672
Ion Ratio Lower Upper
84 100
49 139.0 107.8 161.8
51 35.9 32.8 49.2
86 59.8 50.6 75.8

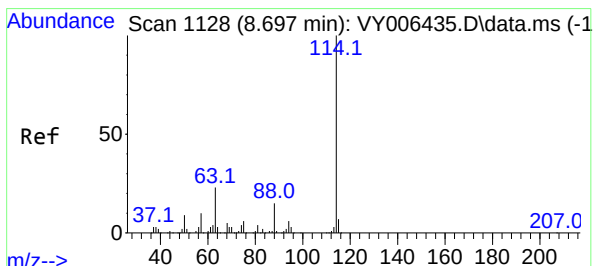
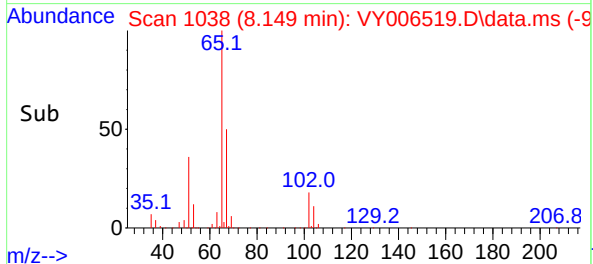
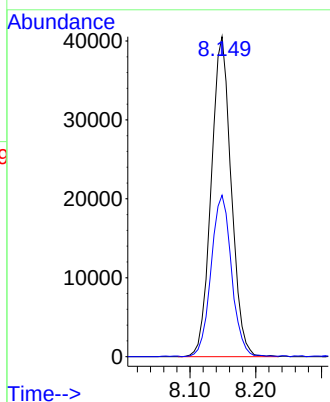
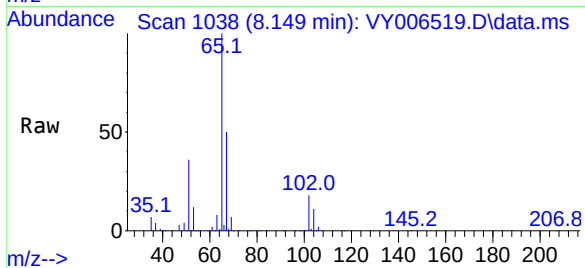




#33
1,2-Dichloroethane-d4
Concen: 57.986 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

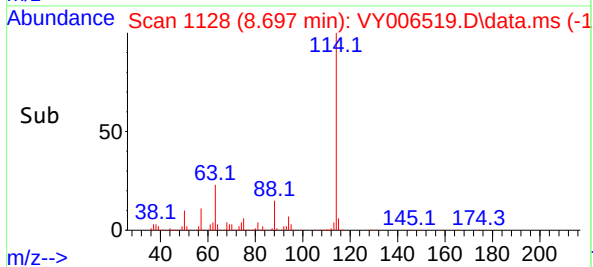
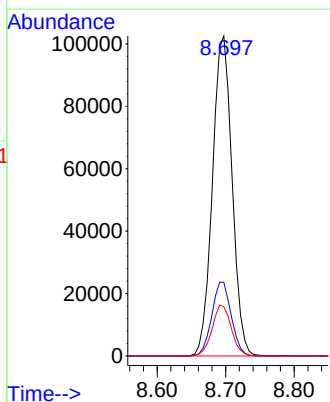
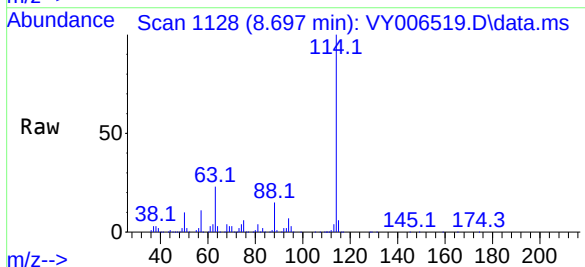
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(1.0-1.5)

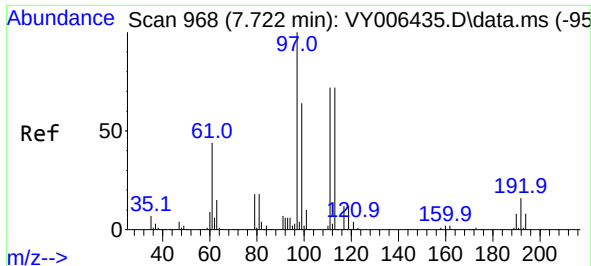
Tgt Ion: 65 Resp: 85756
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion: 114 Resp: 203825
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 15.4 0.0 30.6

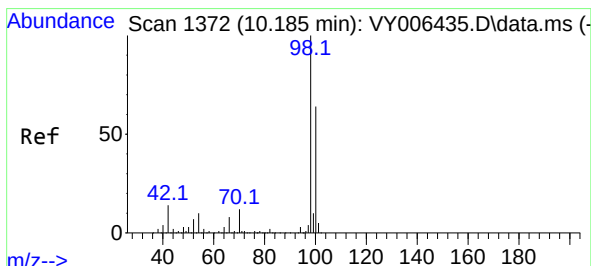
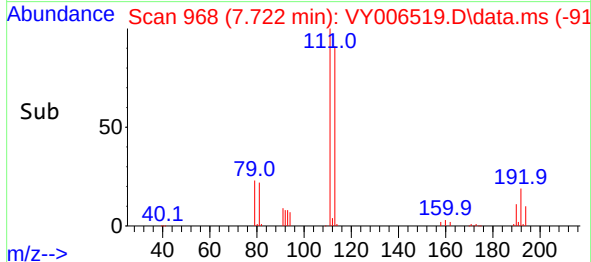
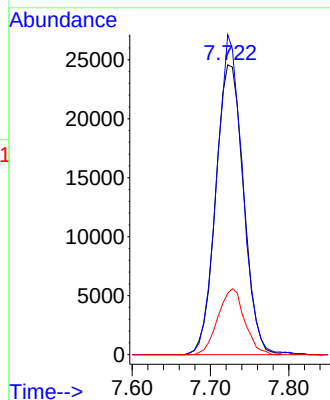
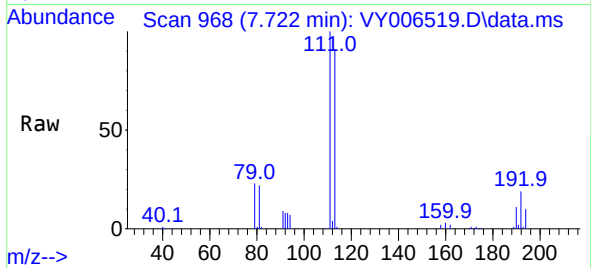




#35
Dibromofluoromethane
Concen: 53.524 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

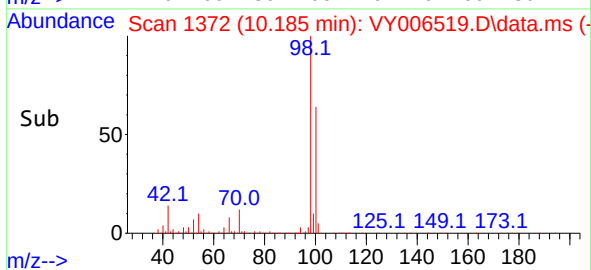
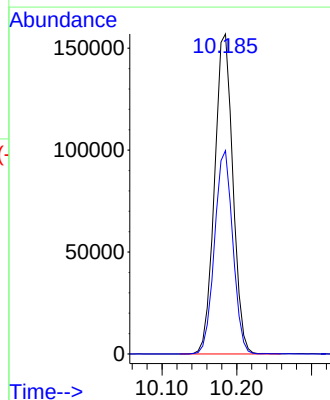
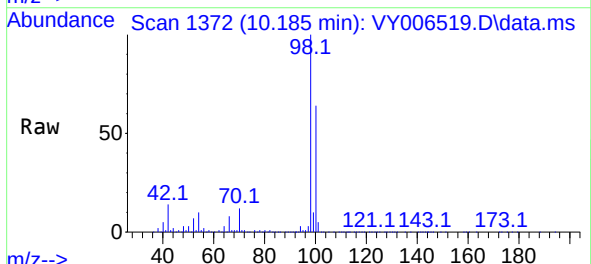
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(1.0-1.5)

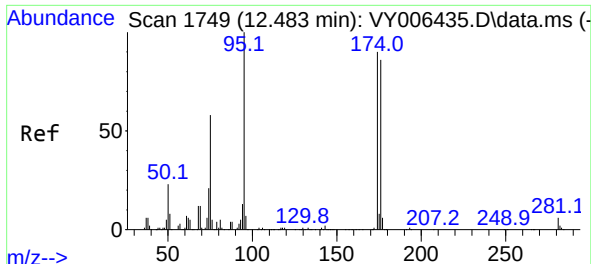
Tgt Ion:113 Resp: 60807
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 21.6 17.4 26.2



#50
Toluene-d8
Concen: 55.497 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion: 98 Resp: 267269
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



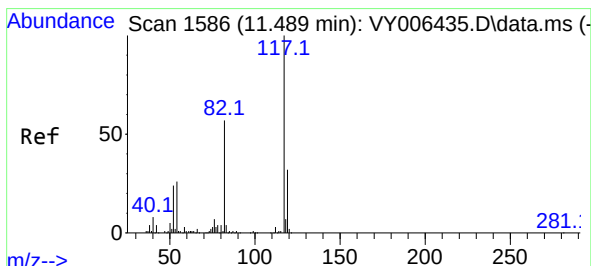
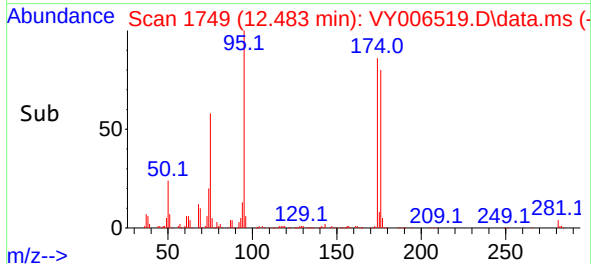
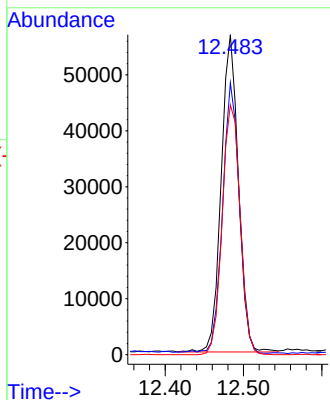
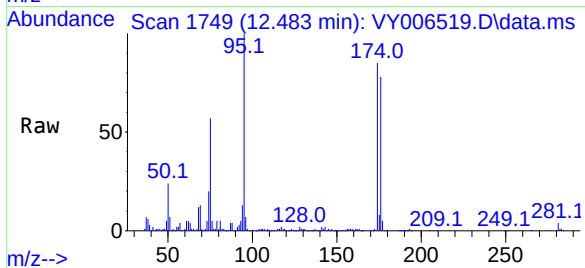


#62
4-Bromofluorobenzene
Concen: 53.273 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-15(1.0-1.5)

Tgt Ion: 95 Resp: 86425

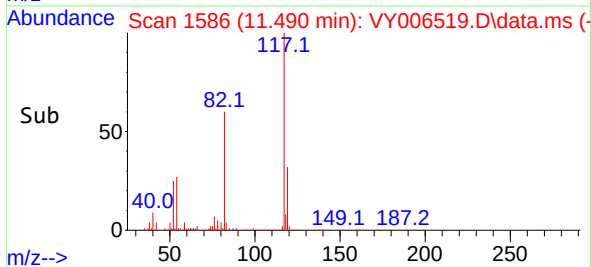
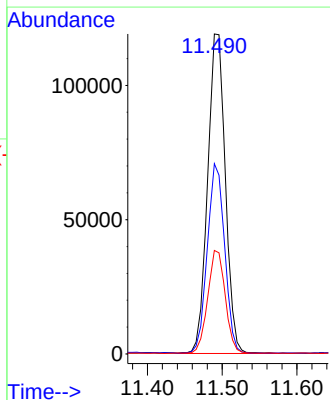
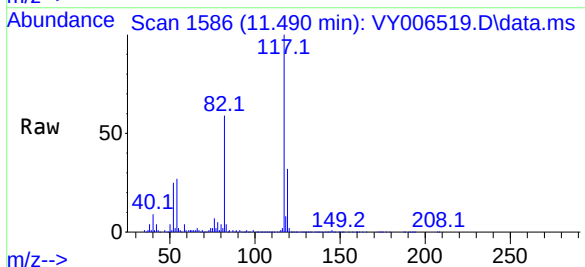
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	177.0
176	81.8	0.0	169.4

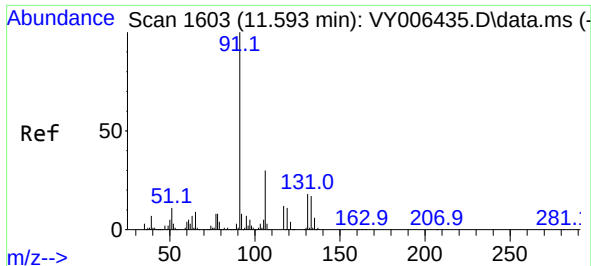


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion: 117 Resp: 196104

Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.7	68.5
119	32.2	25.5	38.3

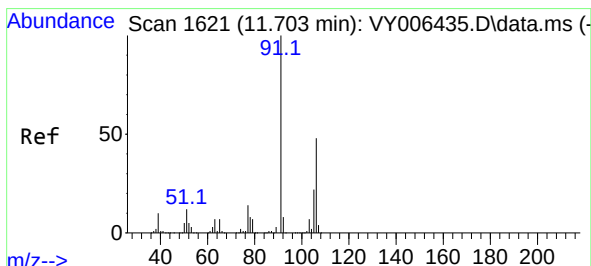
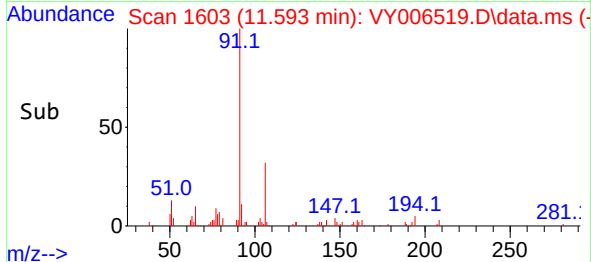
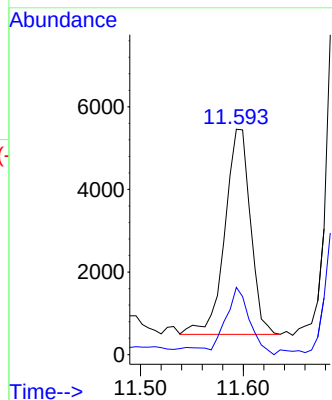
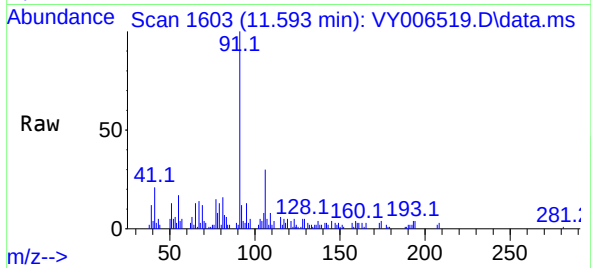




#67
Ethyl Benzene
Concen: 1.184 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

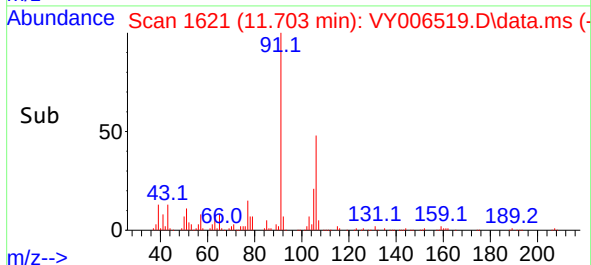
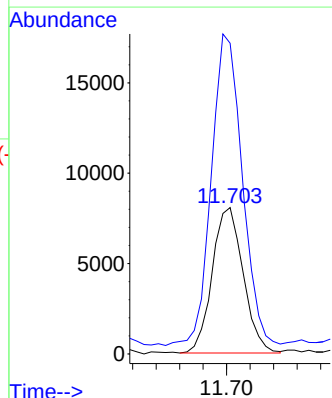
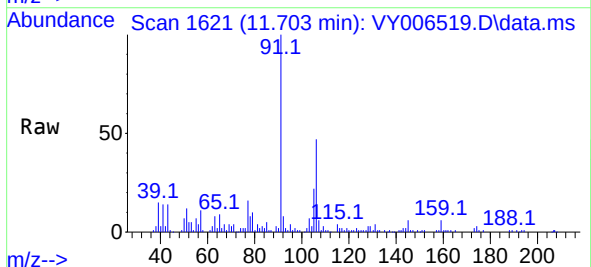
Instrument :
MSVOA_Y
ClientSampleId :
SB-15(1.0-1.5)

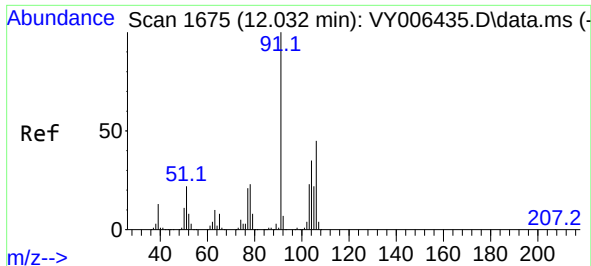
Tgt Ion: 91 Resp: 8603
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 5.386 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion:106 Resp: 14724
Ion Ratio Lower Upper
106 100
91 212.5 167.5 251.3

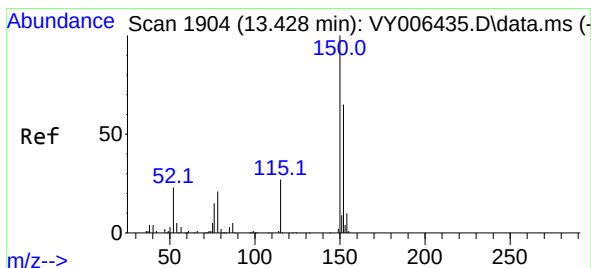
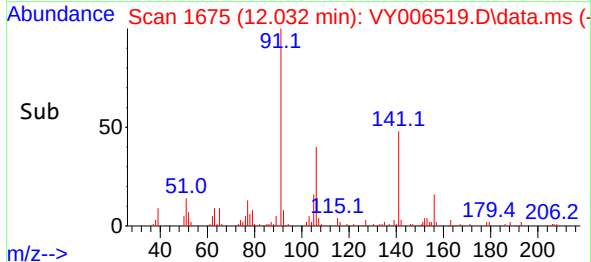
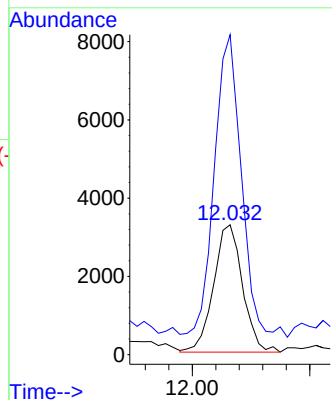
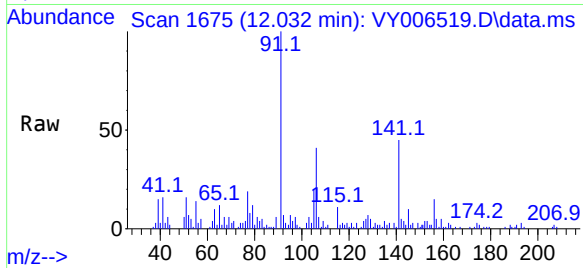




#69
o-Xylene
Concen: 2.131 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Instrument :
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ClientSampleId :
SB-15(1.0-1.5)

Tgt Ion:106 Resp: 5558
Ion Ratio Lower Upper
106 100
91 214.5 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion:152 Resp: 81223
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 156.0 0.0 348.2

