

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006517.D
 Acq On : 28 Oct 2021 15:47
 Operator : SY/MD
 Sample : M4375-08
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13(2.5-3.0)

Quant Time: Oct 29 07:04:59 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)

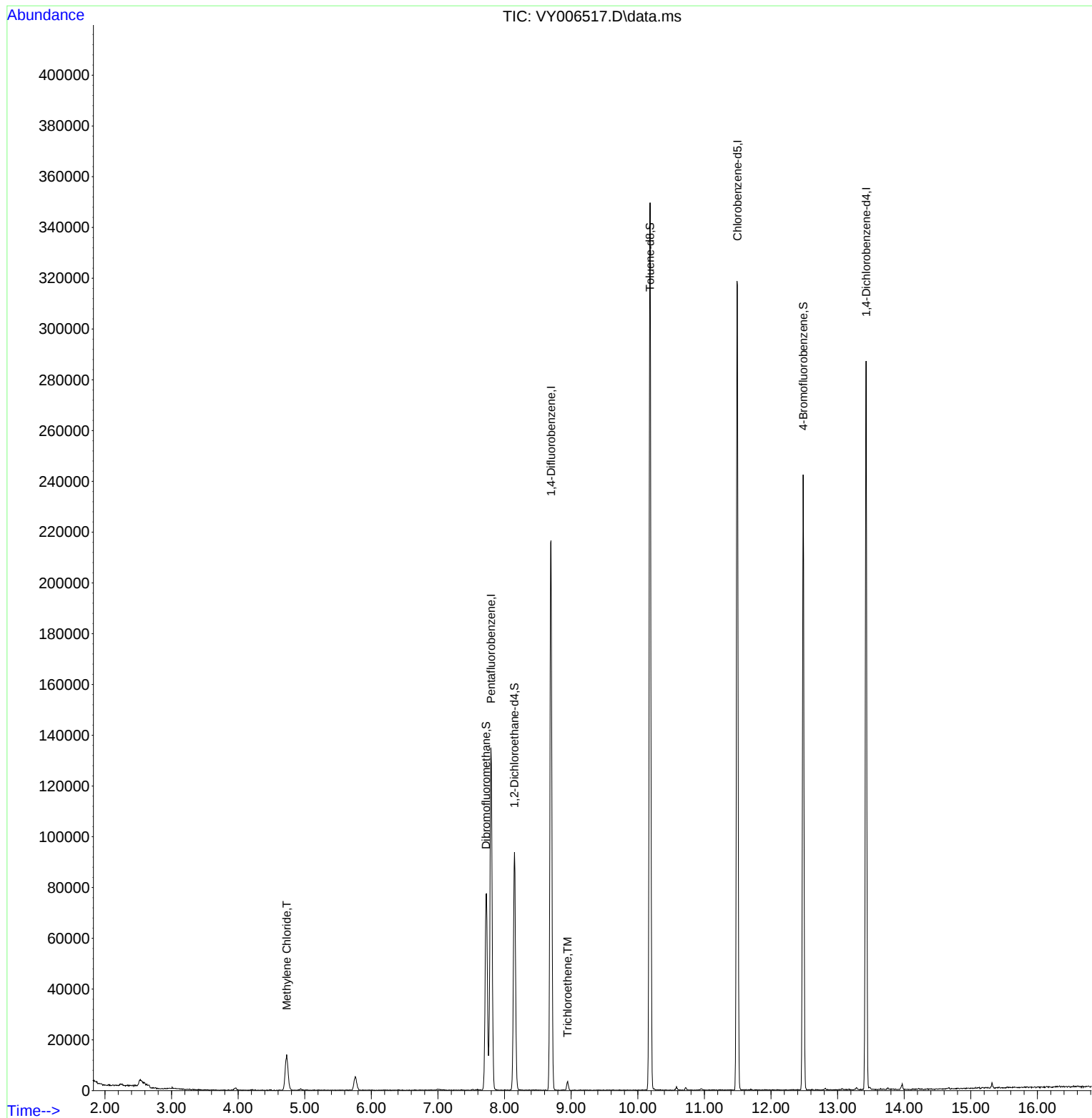
Internal Standards						
1) Pentafluorobenzene	7.795	168	104273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76419	59.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.120%
35) Dibromofluoromethane	7.722	113	52480	54.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.185	98	221260	53.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.620%
62) 4-Bromofluorobenzene	12.483	95	66034	47.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.340%
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	9609	4.731	ug/l	91
44) Trichloroethene	8.947	130	1487	1.176	ug/l	86

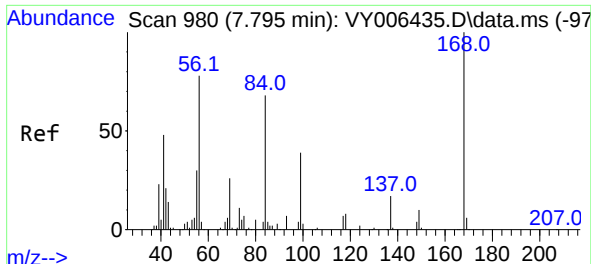
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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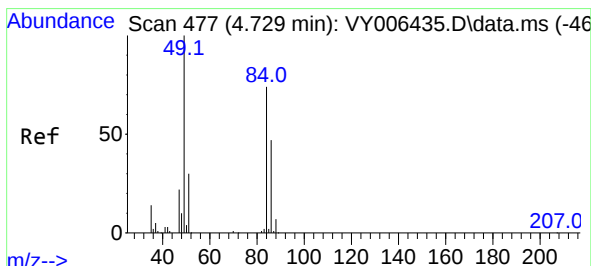
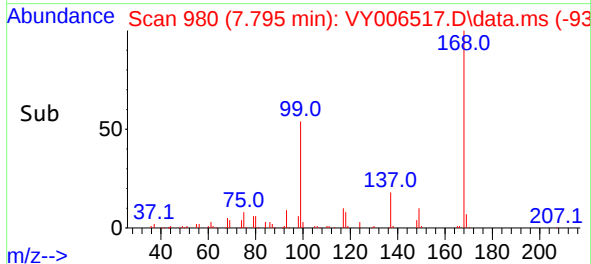
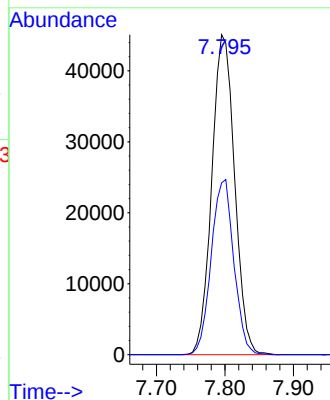
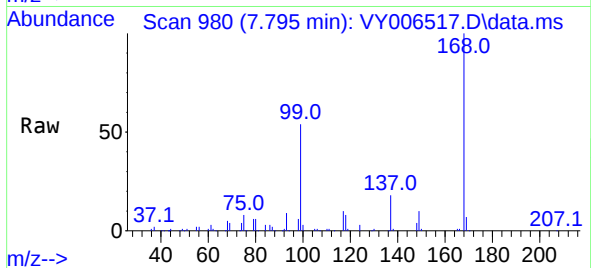




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

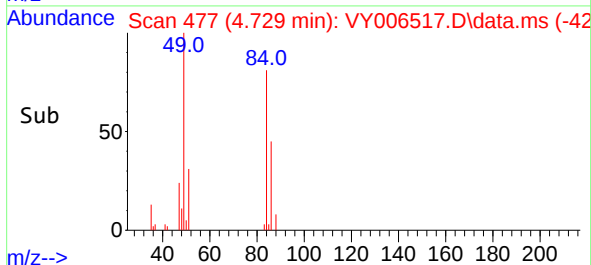
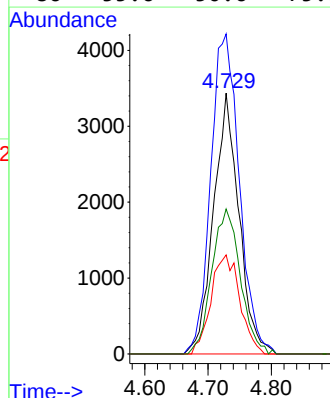
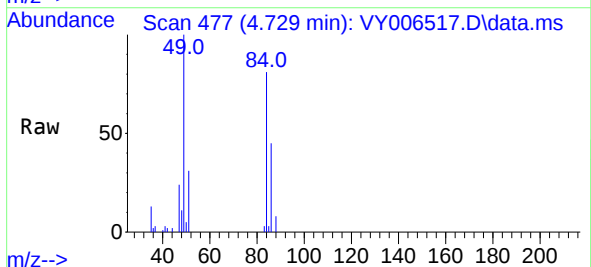
Instrument :
MSVOA_Y
ClientSampleId :
SB-13(2.5-3.0)

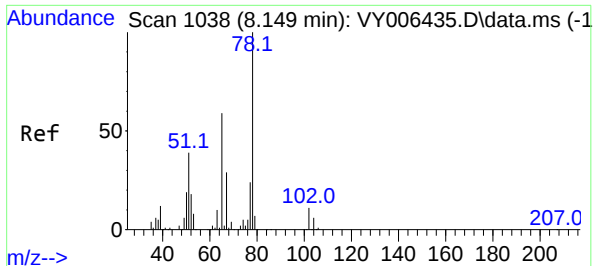
Tgt Ion:168 Resp: 104273
Ion Ratio Lower Upper
168 100
99 53.7 44.8 67.2



#20
Methylene Chloride
Concen: 4.731 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion: 84 Resp: 9609
Ion Ratio Lower Upper
84 100
49 122.7 107.8 161.8
51 38.0 32.8 49.2
86 55.6 50.6 75.8

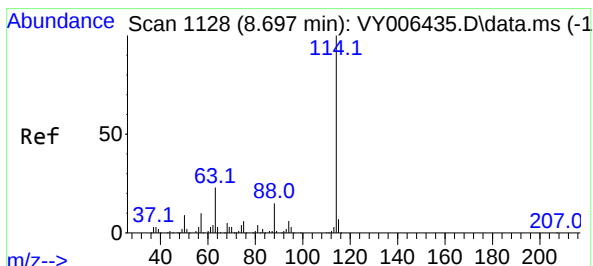
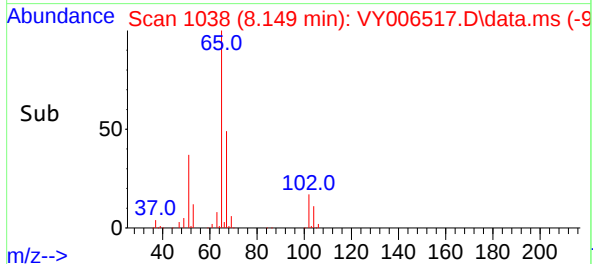
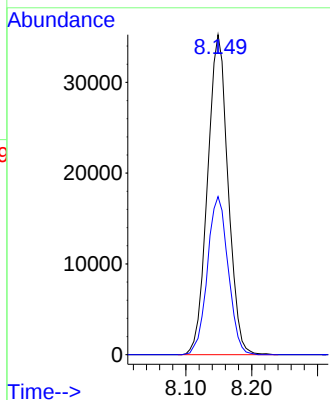
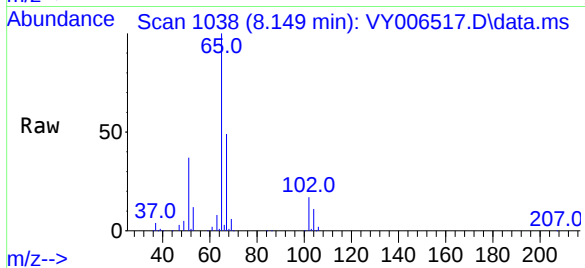




#33
1,2-Dichloroethane-d4
Concen: 59.556 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

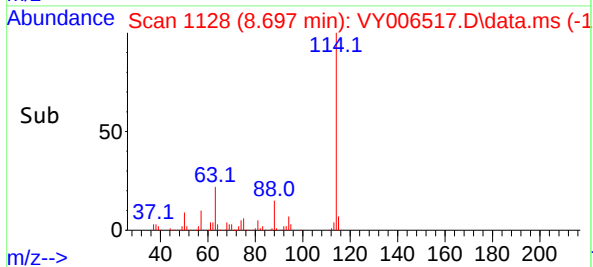
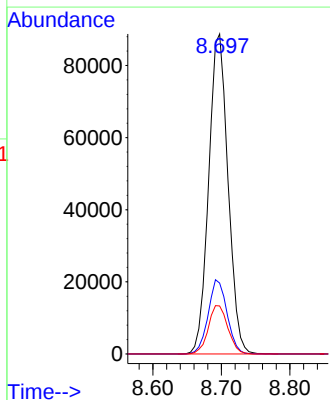
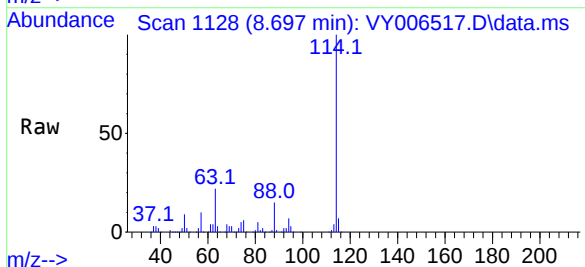
Instrument :
MSVOA_Y
ClientSampleId :
SB-13(2.5-3.0)

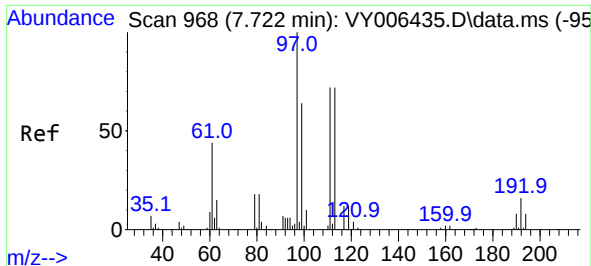
Tgt Ion: 65 Resp: 76419
Ion Ratio Lower Upper
65 100
67 50.0 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion:114 Resp: 174041
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 15.0 0.0 30.6

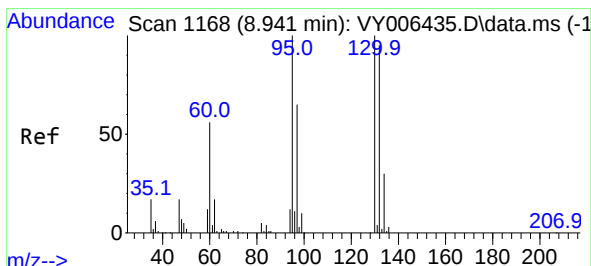
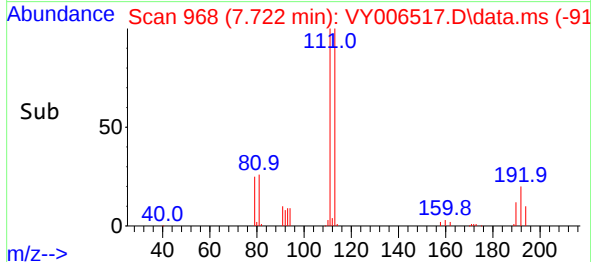
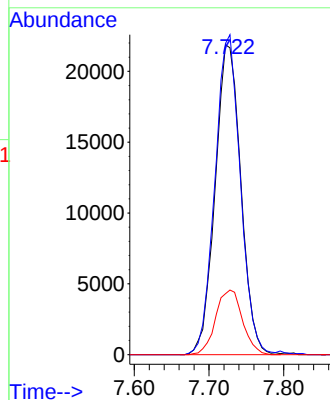
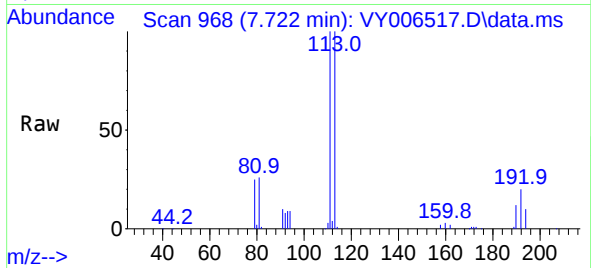




#35
Dibromofluoromethane
Concen: 54.100 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

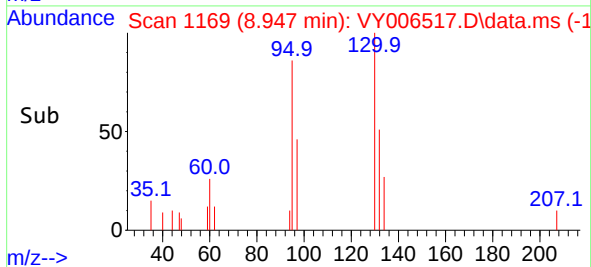
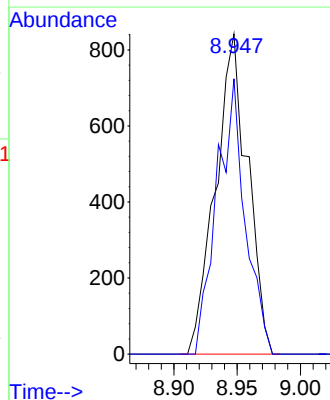
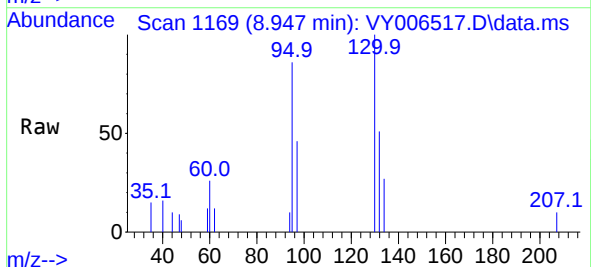
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ClientSampleId :
SB-13(2.5-3.0)

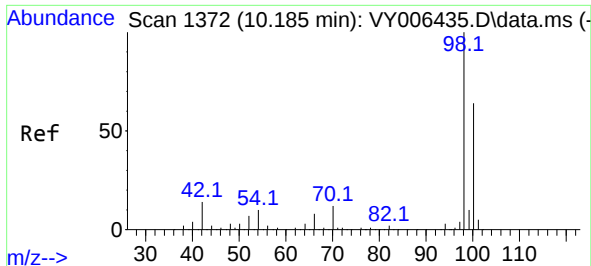
Tgt Ion:113 Resp: 52480
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 21.7 17.4 26.2



#44
Trichloroethene
Concen: 1.176 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion:130 Resp: 1487
Ion Ratio Lower Upper
130 100
95 86.0 0.0 200.4

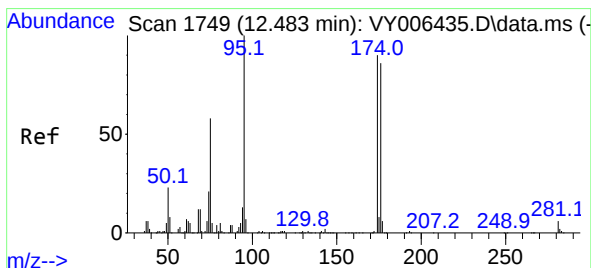
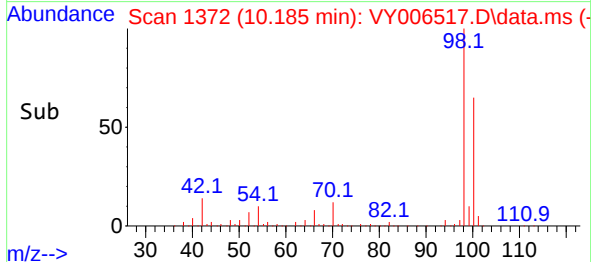
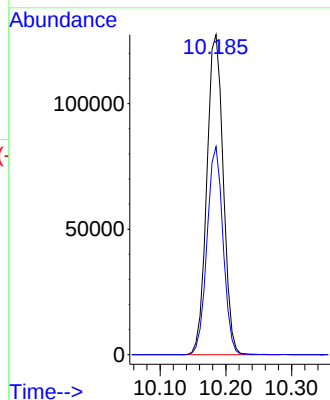
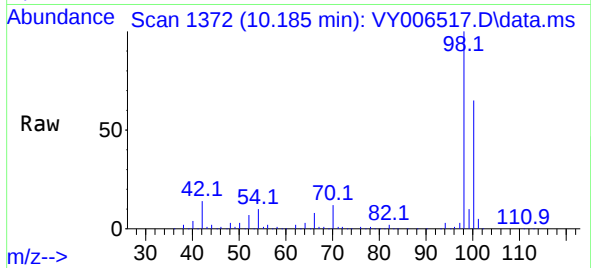




#50
Toluene-d8
Concen: 53.806 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

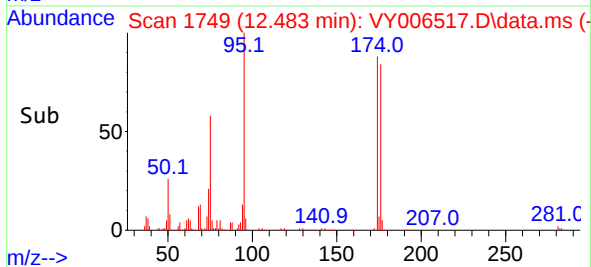
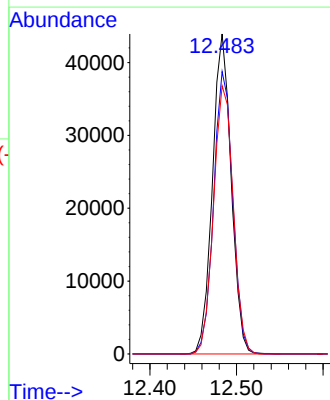
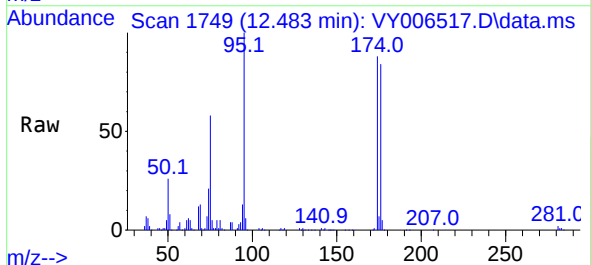
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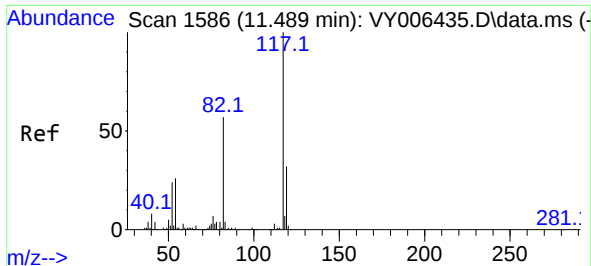
Tgt Ion: 98 Resp: 221260
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion: 95 Resp: 66034
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 87.7 0.0 169.4



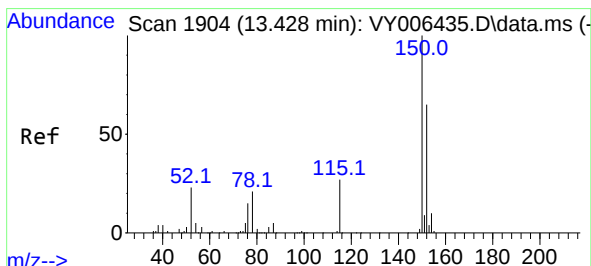
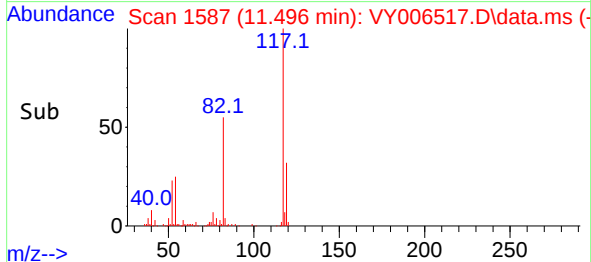
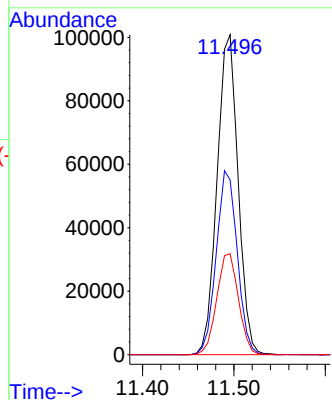
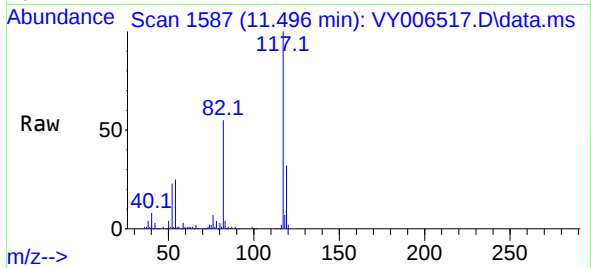


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-13(2.5-3.0)

Tgt Ion:117 Resp: 161236

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.7	68.5
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion:152 Resp: 67858

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.5	85.5
150	155.5	0.0	348.2

