

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012617.D
 Acq On : 15 Feb 2023 16:25
 Operator : KP/MD
 Sample : 01572-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-277-281

Quant Time: Feb 16 00:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

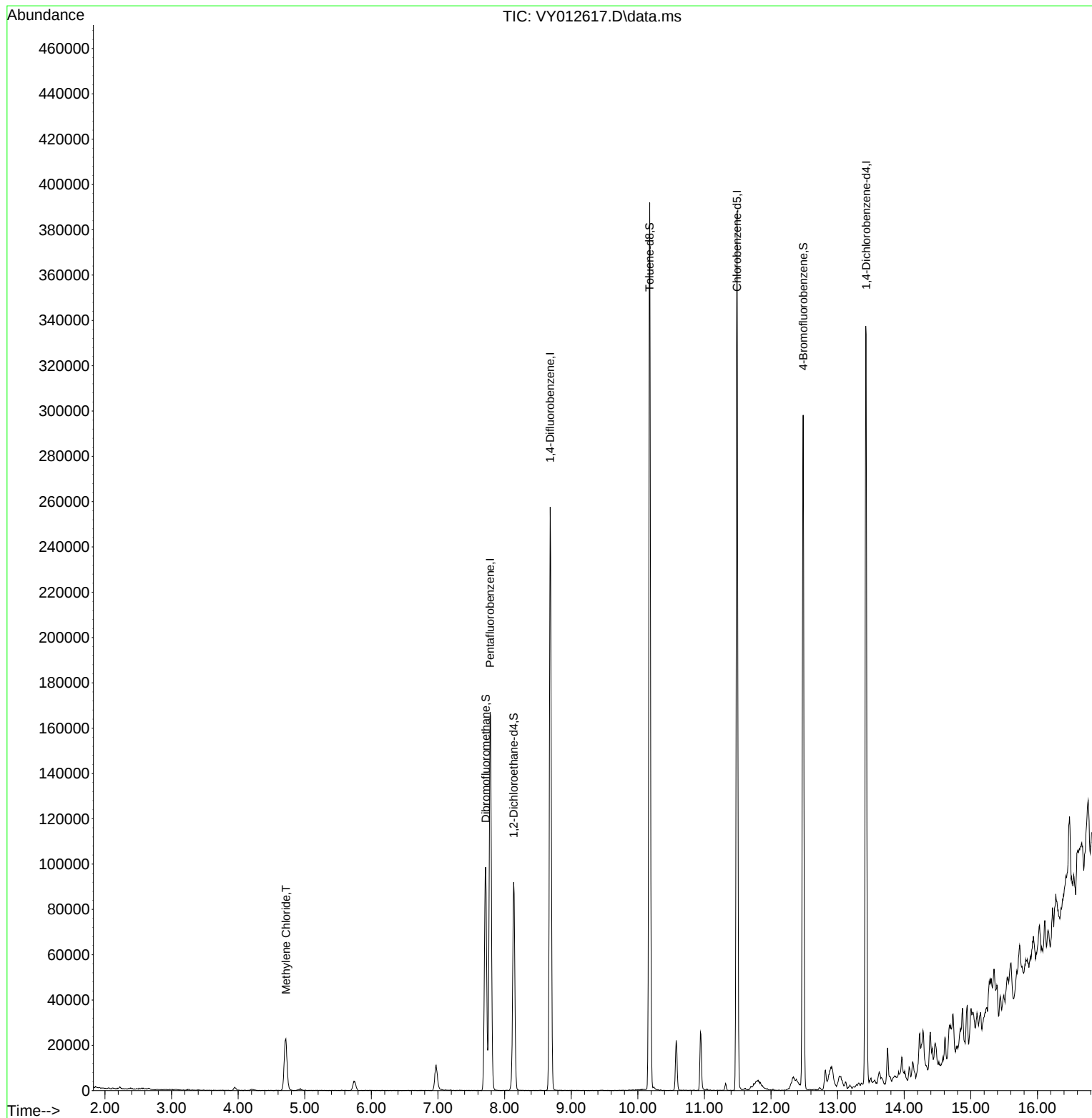
Internal Standards						
1) Pentafluorobenzene	7.783	168	137607	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	229131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77987	44.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.140%
35) Dibromofluoromethane	7.716	113	68235	40.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.780%
50) Toluene-d8	10.179	98	268312	38.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.260%
62) 4-Bromofluorobenzene	12.483	95	85050	35.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.220%
Target Compounds						
20) Methylene Chloride	4.716	84	19316	8.803	ug/l	94

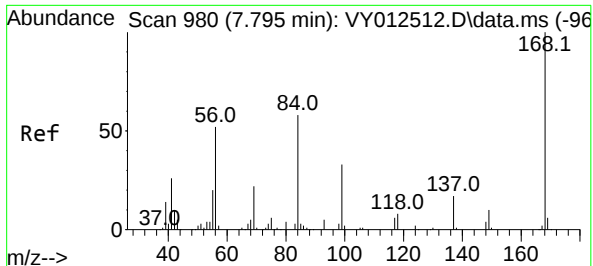
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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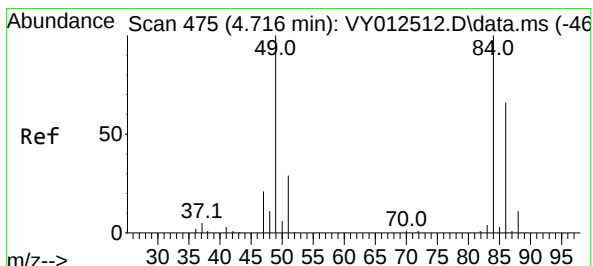
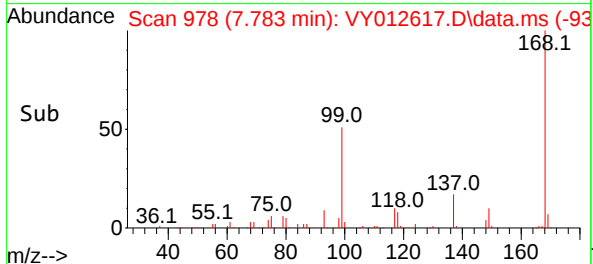
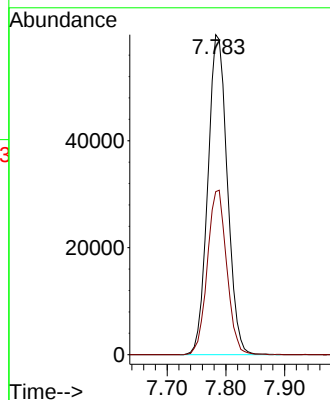
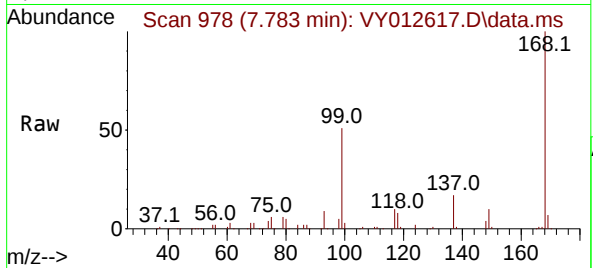




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012617.D
Acq: 15 Feb 2023 16:25

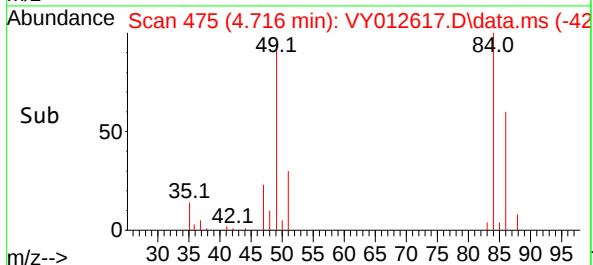
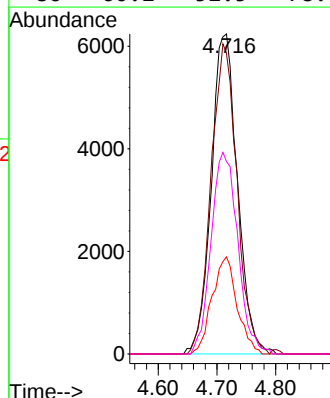
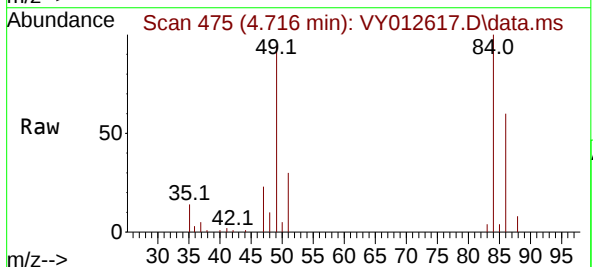
Instrument :
MSVOA_Y
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COMP-277-281

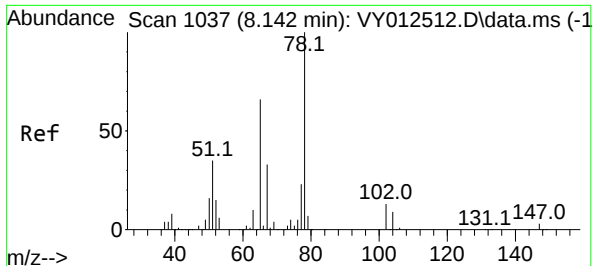
Tgt Ion:168 Resp: 137607
Ion Ratio Lower Upper
168 100
99 51.0 40.8 61.2



#20
Methylene Chloride
Concen: 8.803 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012617.D
Acq: 15 Feb 2023 16:25

Tgt Ion: 84 Resp: 19316
Ion Ratio Lower Upper
84 100
49 94.0 79.8 119.6
51 30.3 23.4 35.2
86 60.2 52.5 78.7

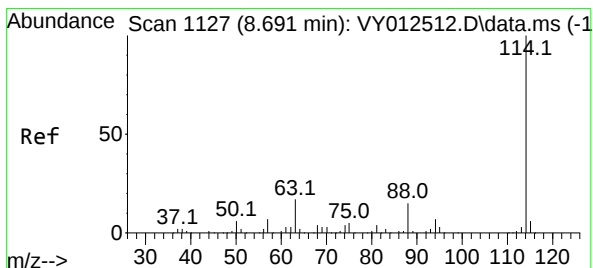
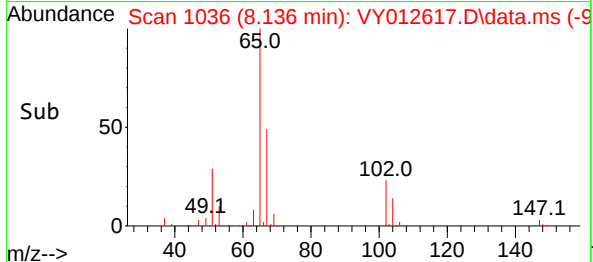
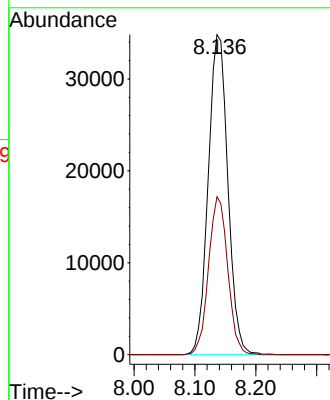
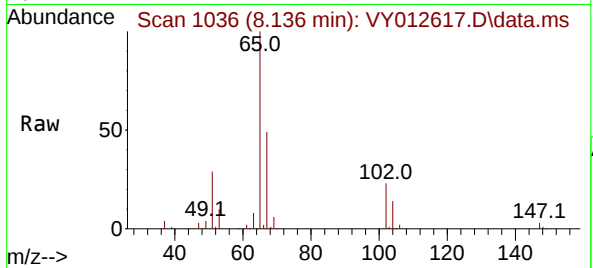




#33
 1,2-Dichloroethane-d4
 Concen: 44.568 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012617.D
 Acq: 15 Feb 2023 16:25

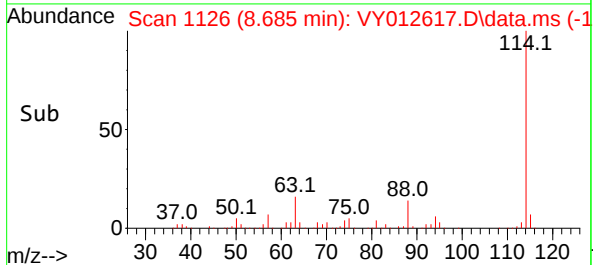
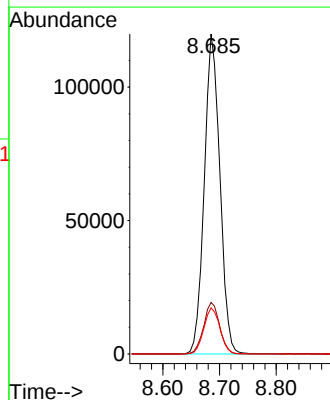
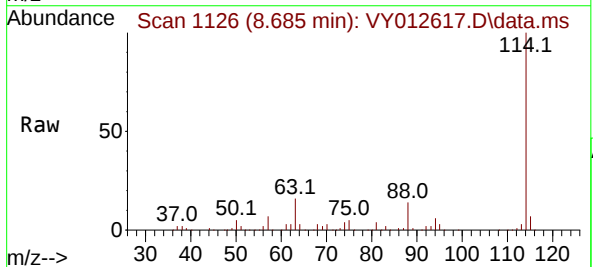
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-277-281

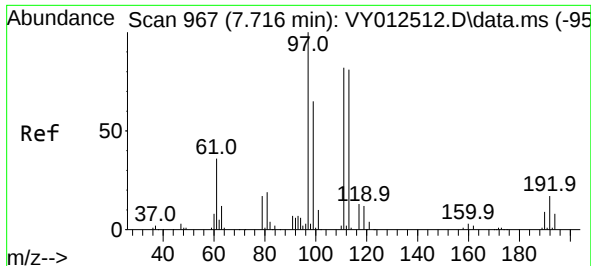
Tgt Ion: 65 Resp: 77987
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012617.D
 Acq: 15 Feb 2023 16:25

Tgt Ion: 114 Resp: 229131
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 33.6
 88 14.4 0.0 29.8

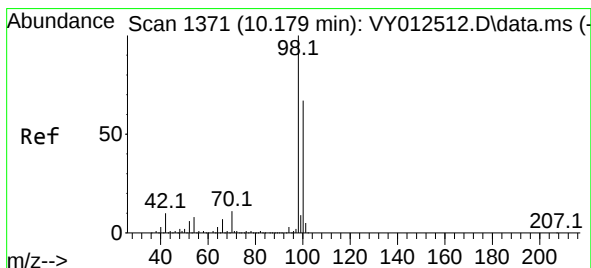
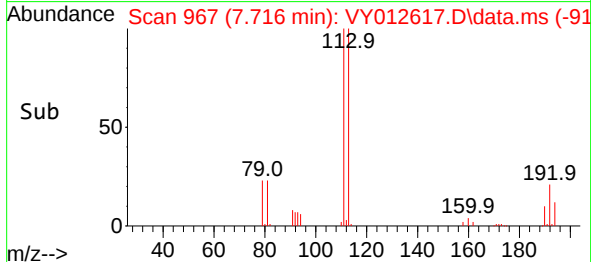
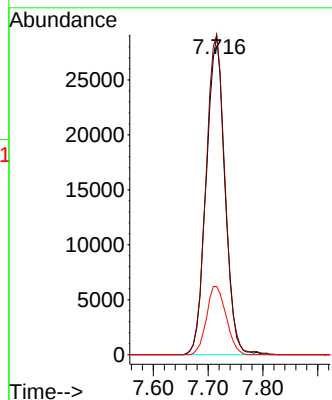
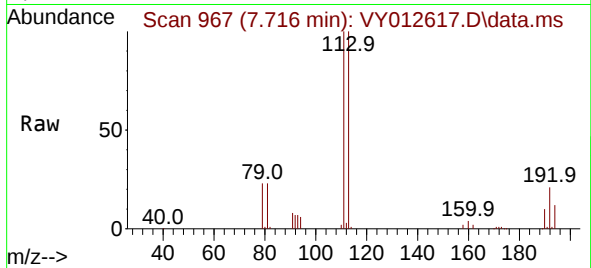




#35
Dibromofluoromethane
Concen: 40.892 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012617.D
Acq: 15 Feb 2023 16:25

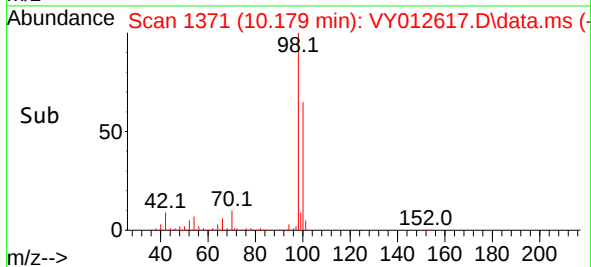
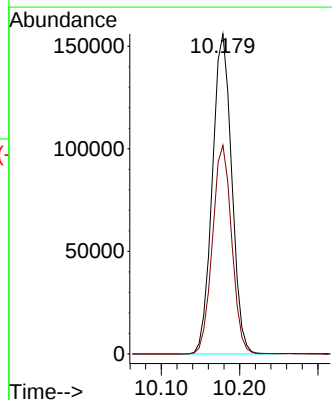
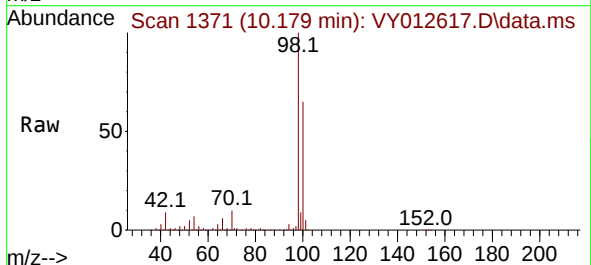
Instrument :
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ClientSampleId :
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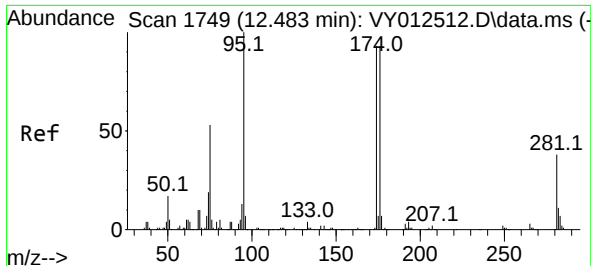
Tgt Ion:113 Resp: 68235
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 22.6 17.5 26.3



#50
Toluene-d8
Concen: 38.631 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012617.D
Acq: 15 Feb 2023 16:25

Tgt Ion: 98 Resp: 268312
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

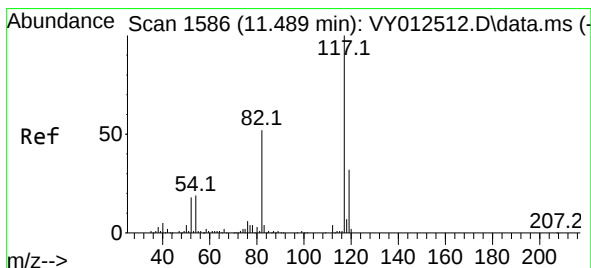
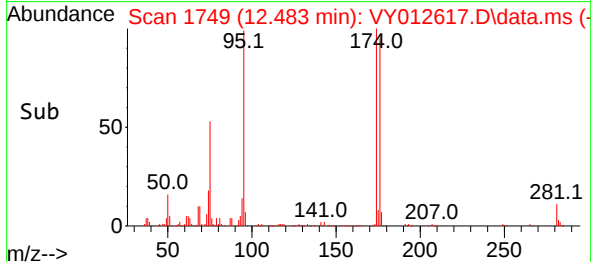
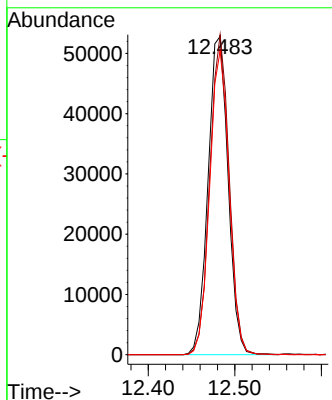
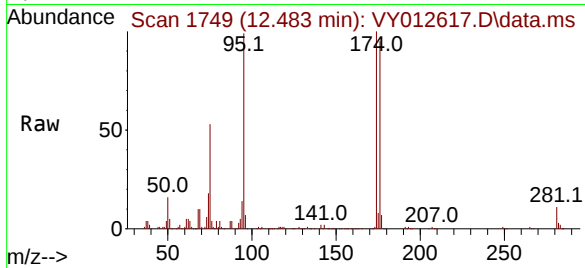




#62
4-Bromofluorobenzene
Concen: 35.107 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012617.D
Acq: 15 Feb 2023 16:25

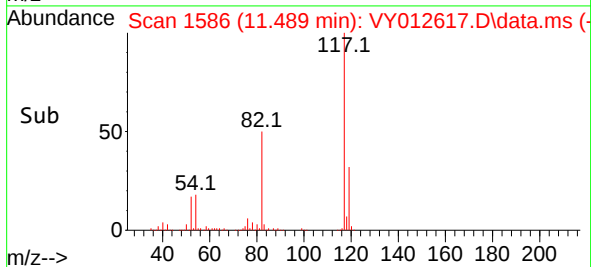
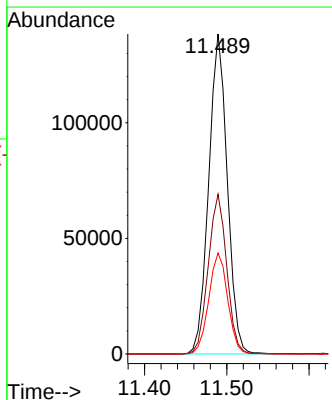
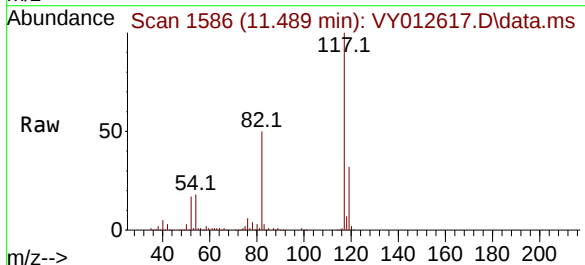
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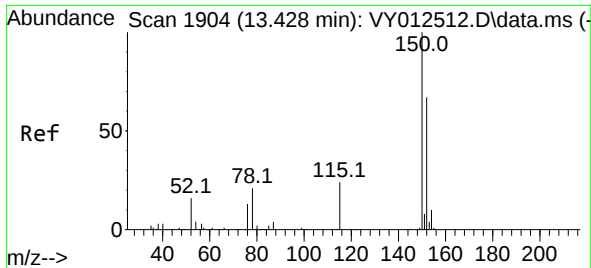
Tgt Ion:	95	Resp:	85050
Ion Ratio	Lower	Upper	
95	100		
174	97.4	0.0	188.0
176	92.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012617.D
Acq: 15 Feb 2023 16:25

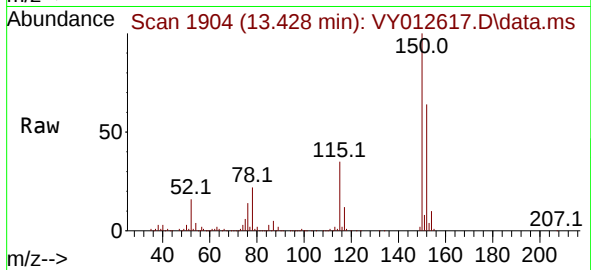
Tgt Ion:	117	Resp:	217113
Ion Ratio	Lower	Upper	
117	100		
82	49.9	41.7	62.5
119	31.5	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012617.D
 Acq: 15 Feb 2023 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-277-281



Tgt Ion:152 Resp: 95337
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.1 84.3
 150 155.7 0.0 351.0

