

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013927.D
 Acq On : 30 May 2023 18:16
 Operator : KP/MD
 Sample : 02852-13
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-62.5-051823

Quant Time: May 31 03:28:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

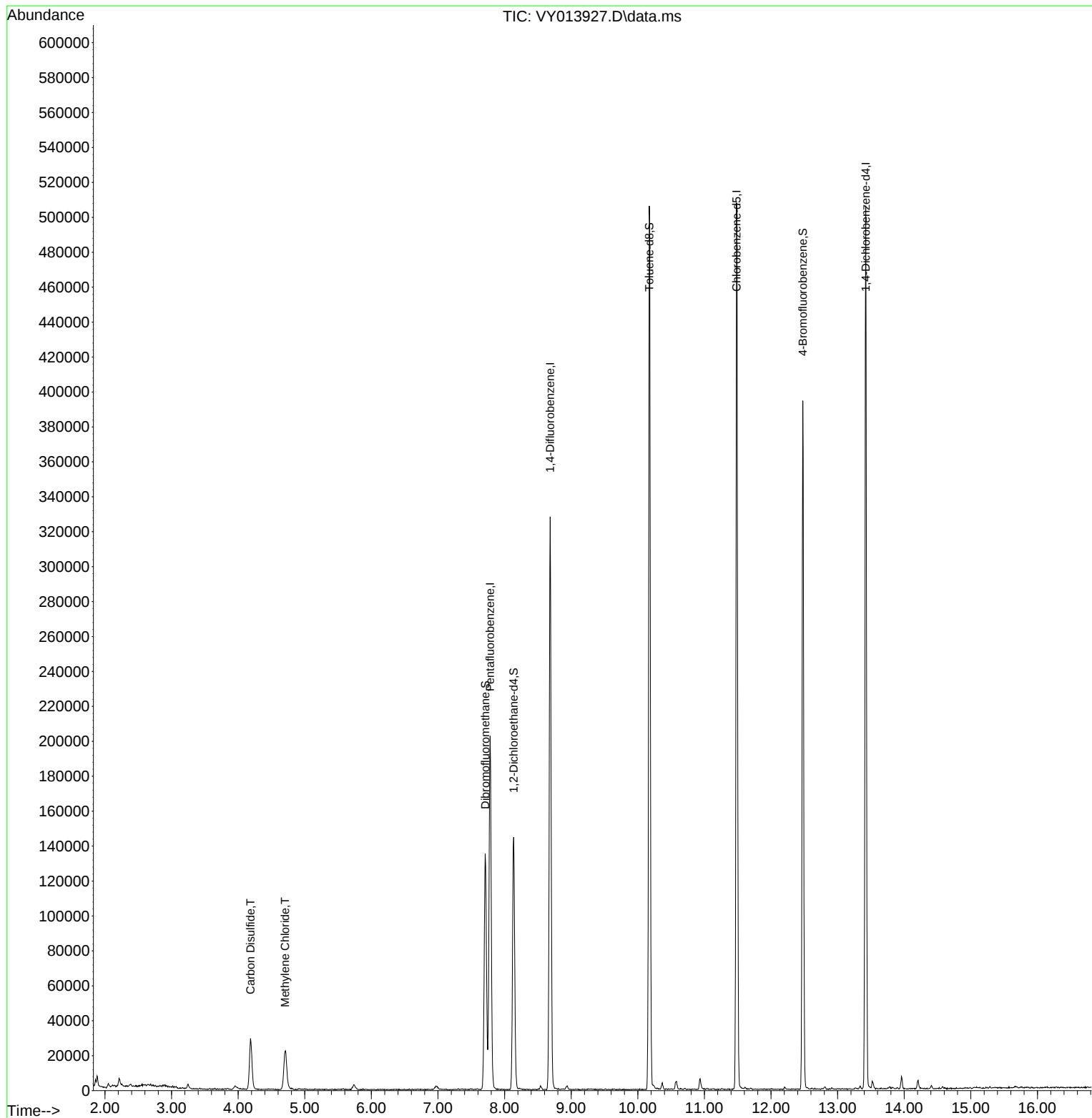
Internal Standards						
1) Pentafluorobenzene	7.783	168	154863	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	266348	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	269747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120060	67.012	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.020%	
35) Dibromofluoromethane	7.710	113	92522	53.789	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.172	98	329359	50.380	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.477	95	109602	50.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.880%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.186	76	57022	12.611	ug/l	98
20) Methylene Chloride	4.704	84	16431	6.505	ug/l	92

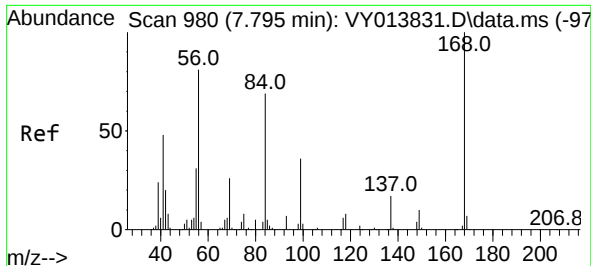
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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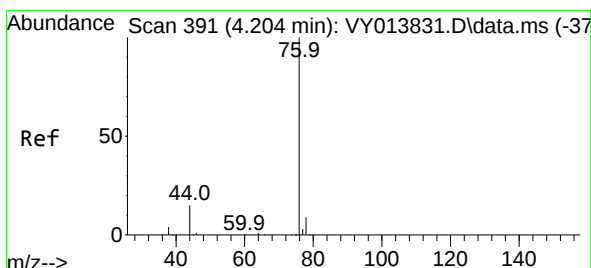
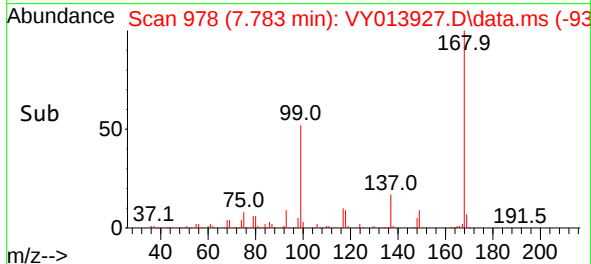
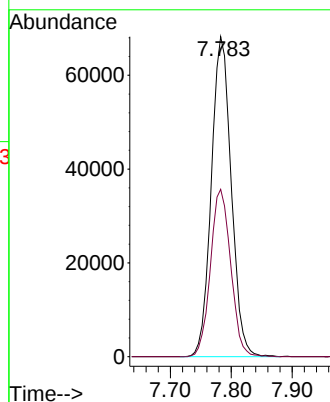
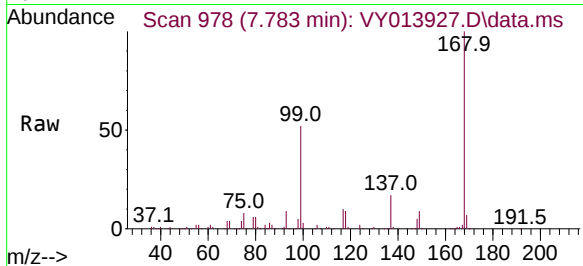




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

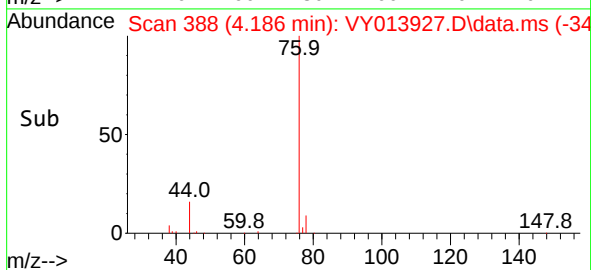
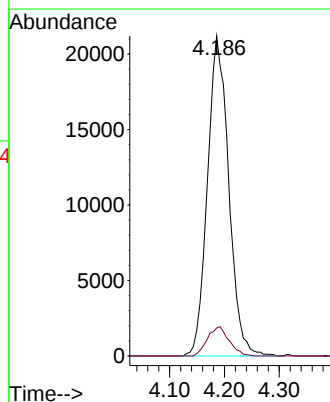
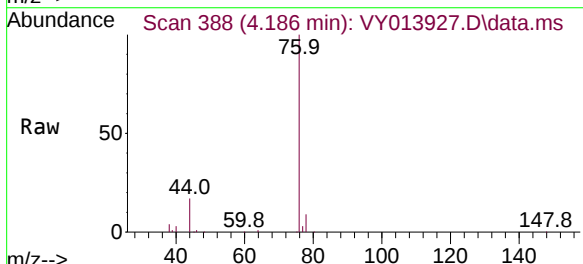
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-62.5-051823

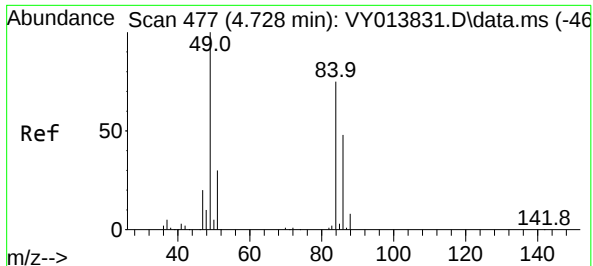
Tgt Ion:168 Resp: 154863
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.2



#17
Carbon Disulfide
Concen: 12.611 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.018 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

Tgt Ion: 76 Resp: 57022
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

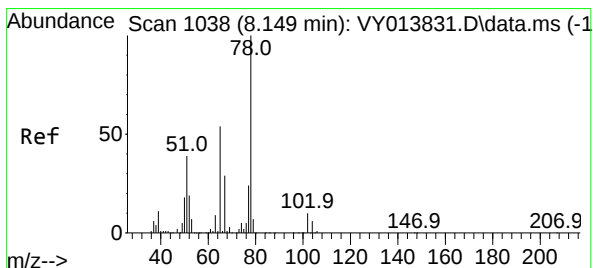
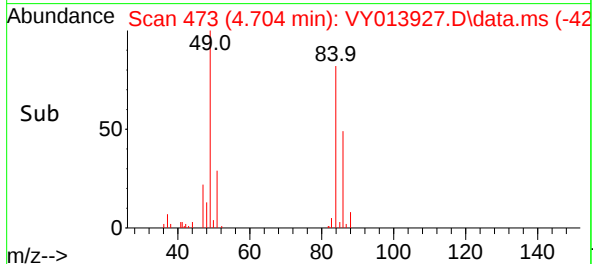
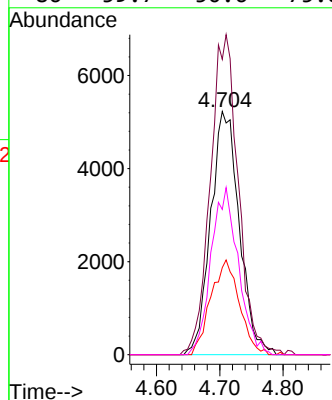
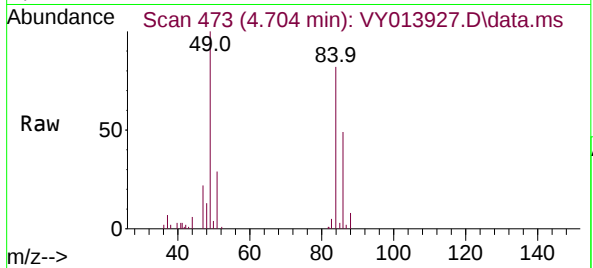




#20
Methylene Chloride
Concen: 6.505 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

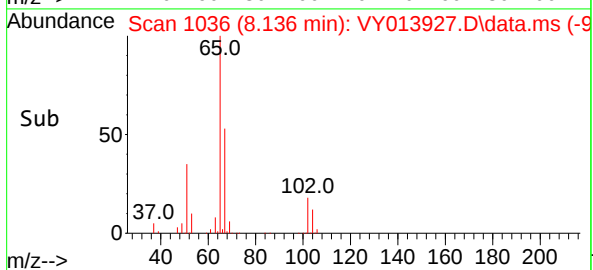
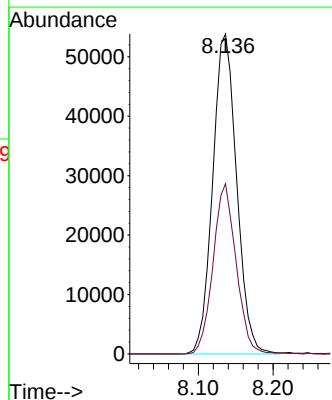
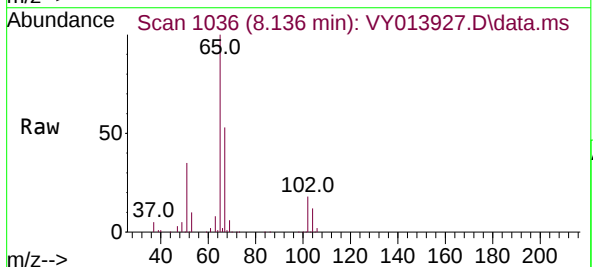
Instrument :
MSVOA_Y
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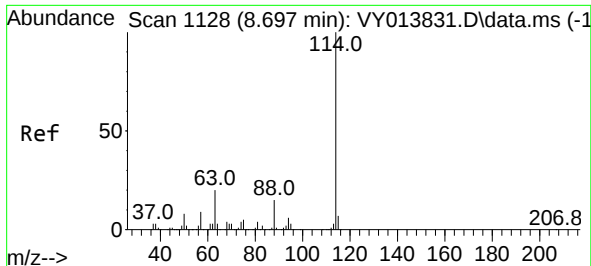
Tgt Ion:	84	Resp:	16431
Ion	Ratio	Lower	Upper
84	100		
49	121.5	106.2	159.2
51	35.8	31.4	47.0
86	59.7	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 67.012 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

Tgt Ion:	65	Resp:	120060
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.4

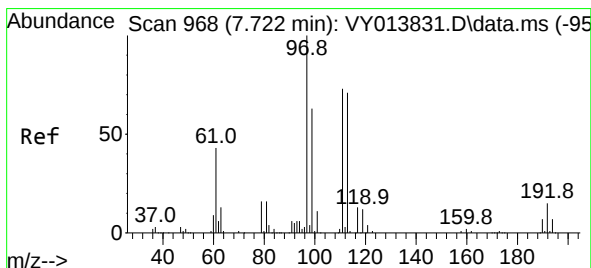
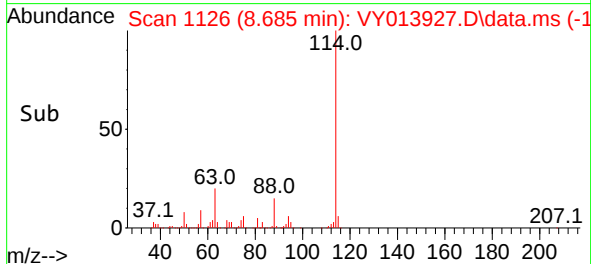
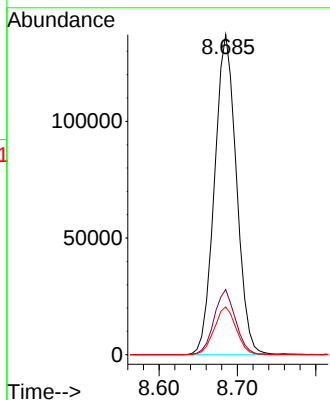
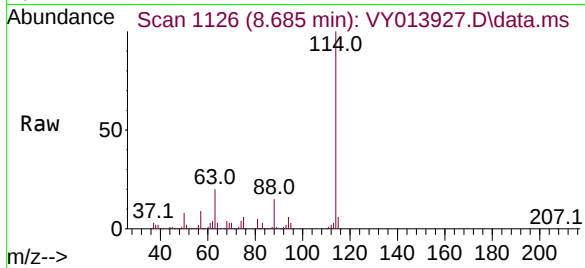




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

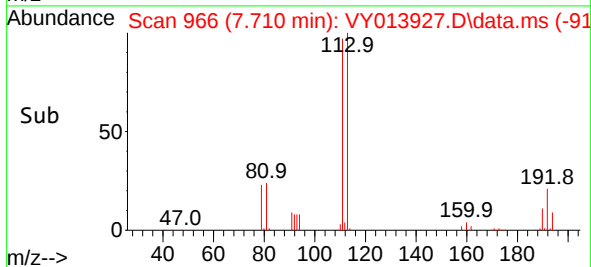
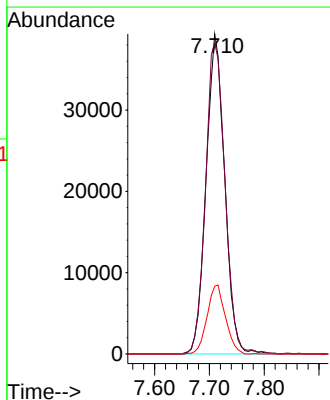
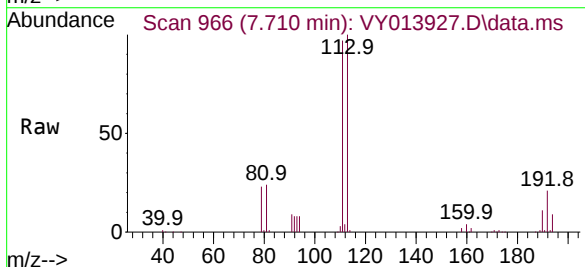
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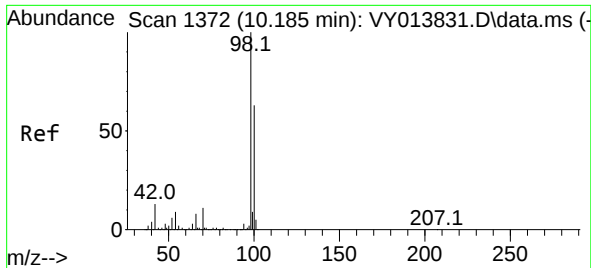
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	15.0	0.0	30.0



#35
Dibromofluoromethane
Concen: 53.789 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.4	120.6
192	21.3	16.6	25.0

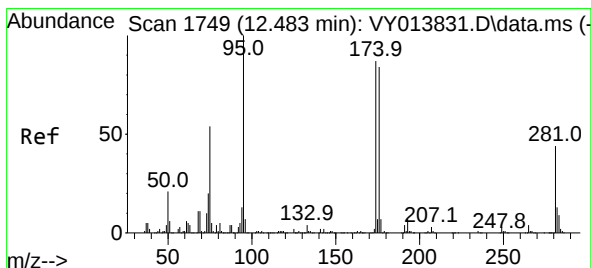
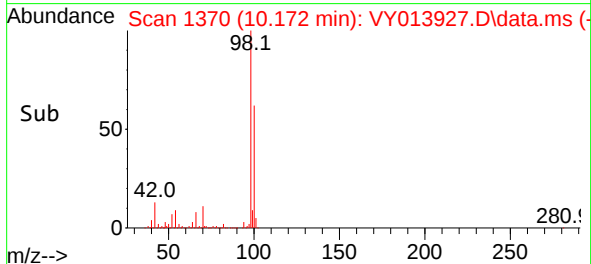
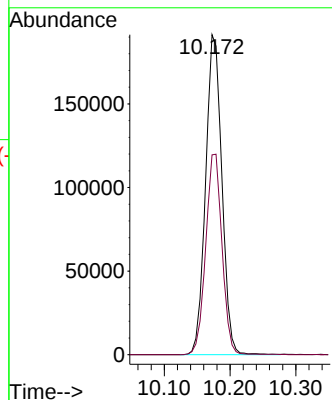
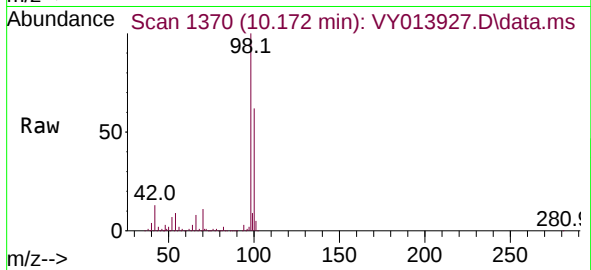




#50
Toluene-d8
Concen: 50.380 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013927.D
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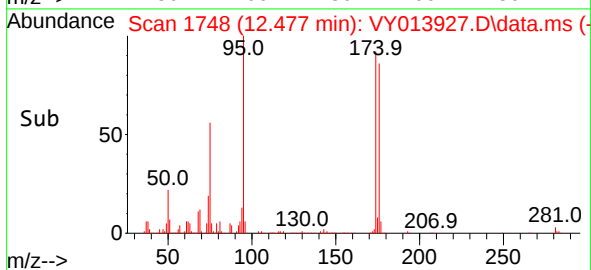
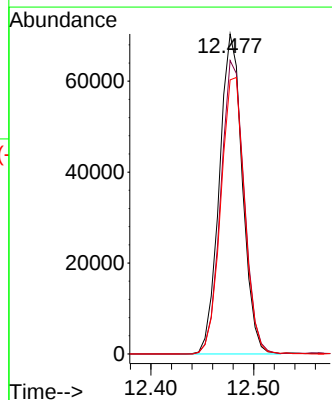
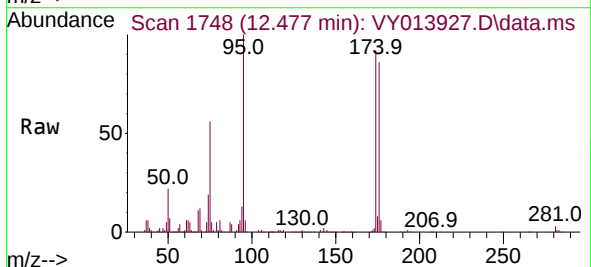
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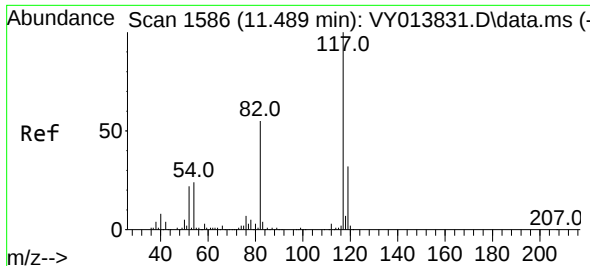
Tgt Ion: 98 Resp: 329359
Ion Ratio Lower Upper
98 100
100 62.9 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 50.436 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

Tgt Ion: 95 Resp: 109602
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.0
176 89.1 0.0 170.2

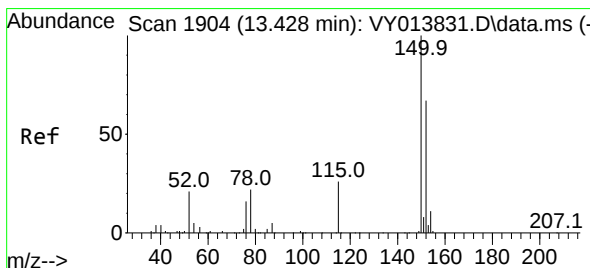
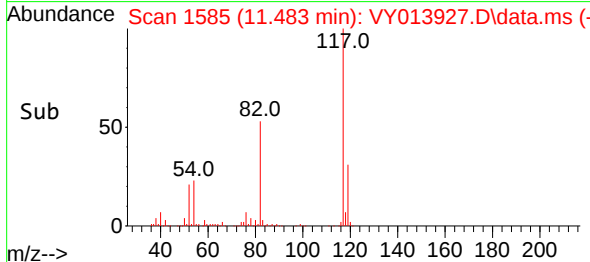
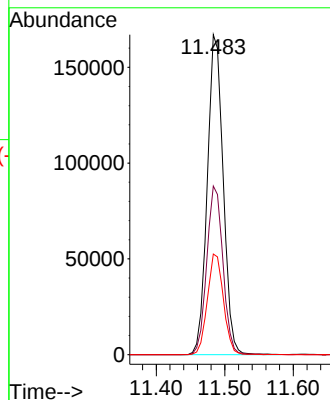
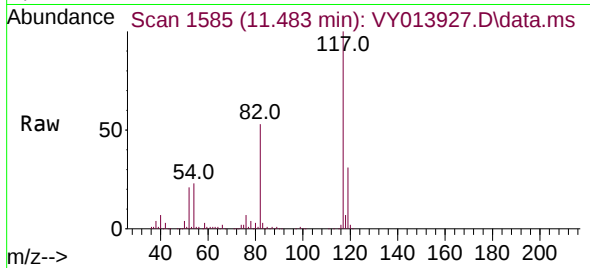




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-62.5-051823

Tgt Ion:117 Resp: 269747
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.4
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013927.D
Acq: 30 May 2023 18:16

Tgt Ion:152 Resp: 126070
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 157.9 0.0 353.4

