

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010938.D
 Acq On : 12 Oct 2022 13:47
 Operator : KP/MD
 Sample : N5083-05
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

Quant Time: Oct 13 05:34:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

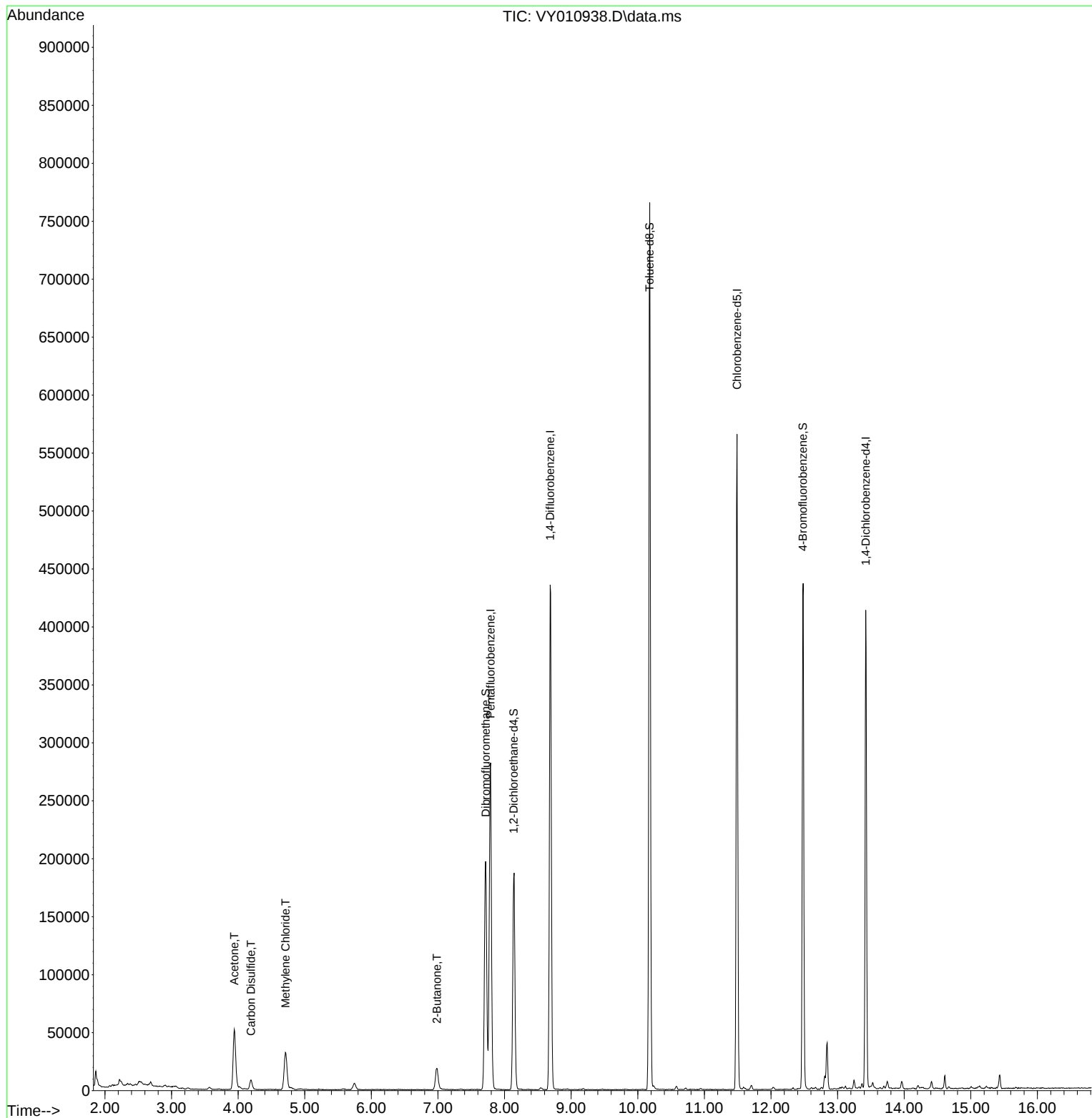
Internal Standards						
1) Pentafluorobenzene	7.789	168	219929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143719	64.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.940%
35) Dibromofluoromethane	7.716	113	143289	56.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.960%
50) Toluene-d8	10.179	98	501768	58.342	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.680%
62) 4-Bromofluorobenzene	12.477	95	136310	39.818	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.640%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	90628	160.071	ug/l #	86
17) Carbon Disulfide	4.192	76	15964	2.376	ug/l	97
20) Methylene Chloride	4.710	84	24626	5.254	ug/l	85
25) 2-Butanone	6.984	43	26590	32.666	ug/l	92

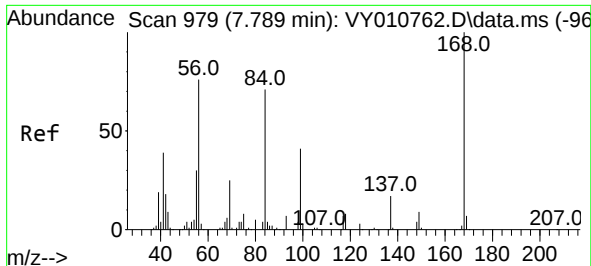
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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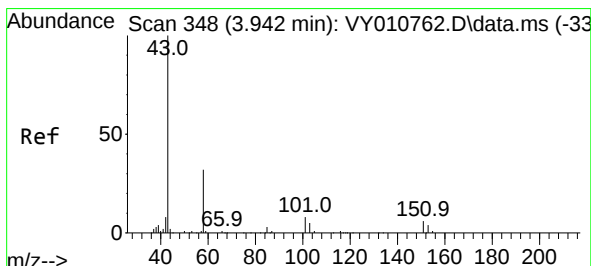
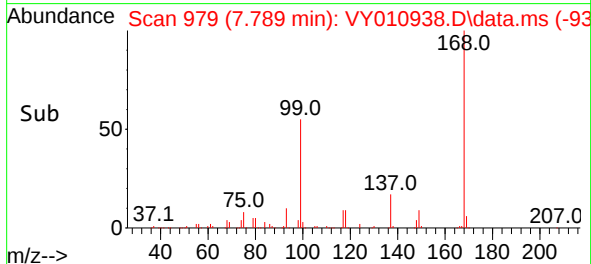
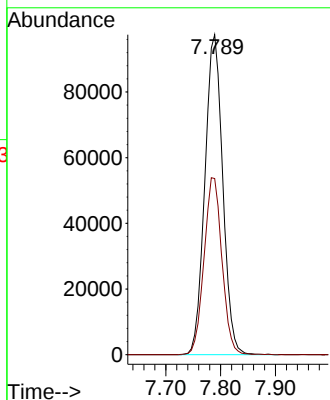
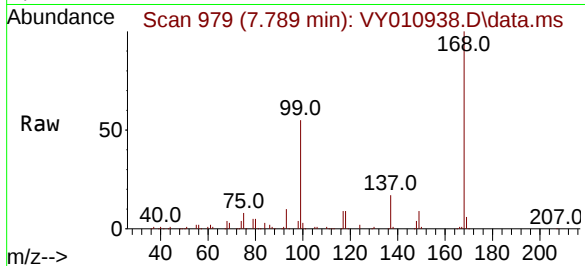




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

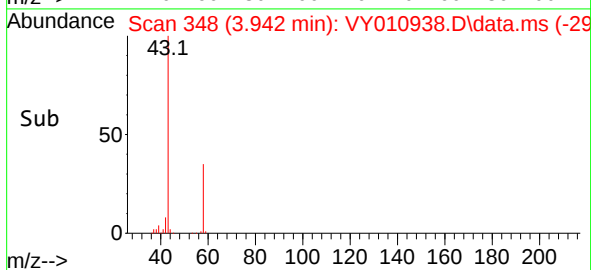
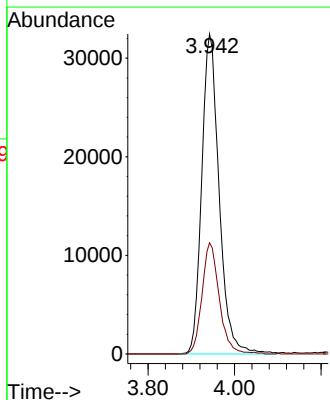
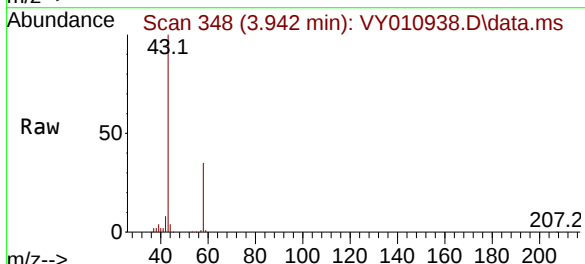
Instrument :
MSVOA_Y
ClientSampleId :
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

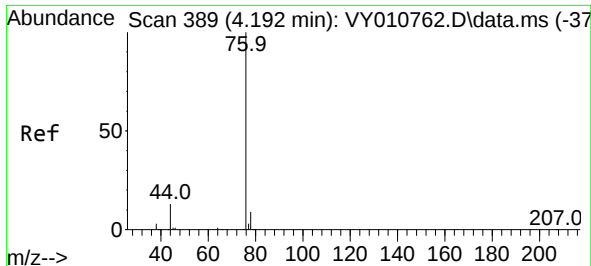
Tgt Ion:168 Resp: 219929
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#16
Acetone
Concen: 160.071 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 43 Resp: 90628
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#

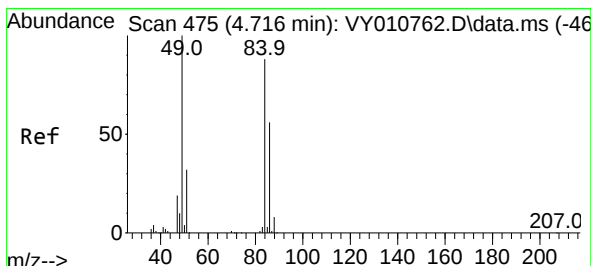
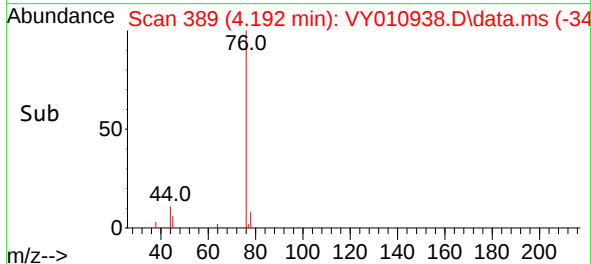
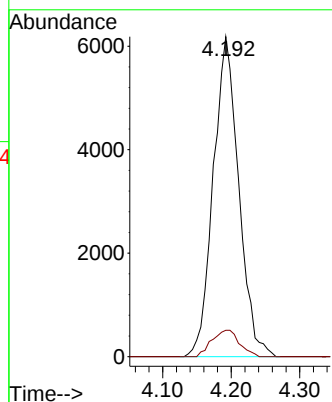
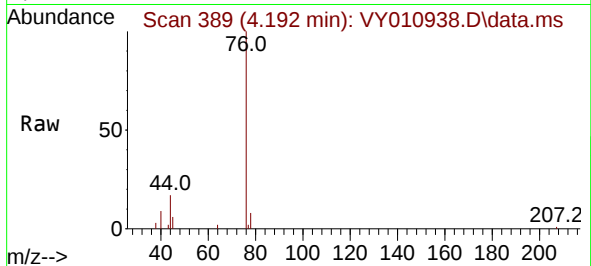




#17
Carbon Disulfide
Concen: 2.376 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

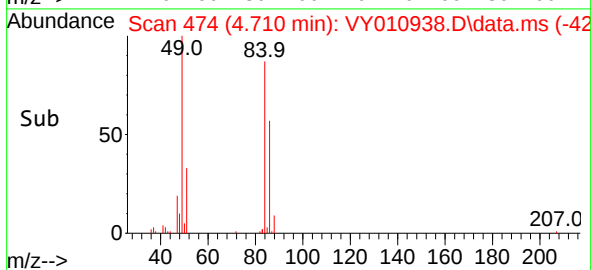
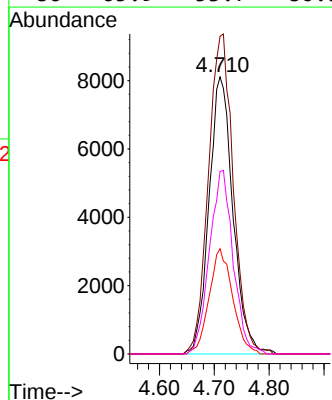
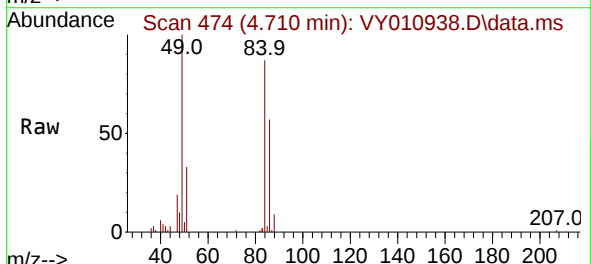
Instrument : MSVOA_Y
ClientSampleId : MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

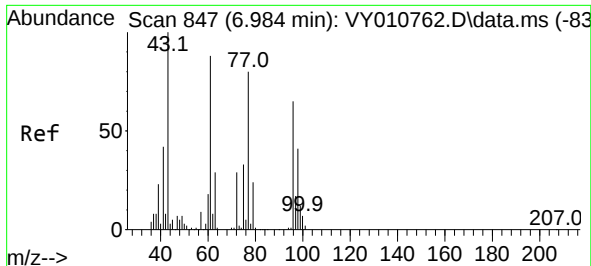
Tgt Ion: 76 Resp: 15964
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#20
Methylene Chloride
Concen: 5.254 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 84 Resp: 24626
Ion Ratio Lower Upper
84 100
49 114.7 114.4 171.6
51 38.0 35.3 52.9
86 65.9 53.7 80.5

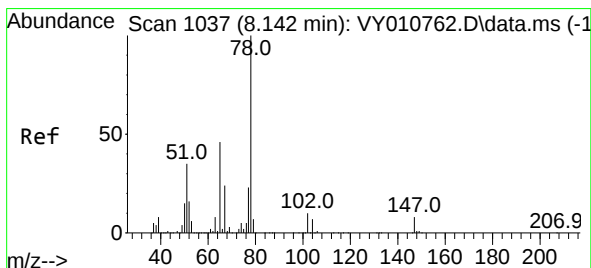
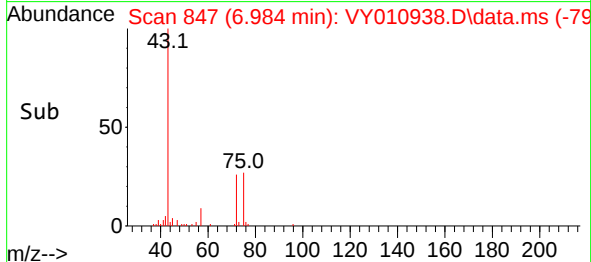
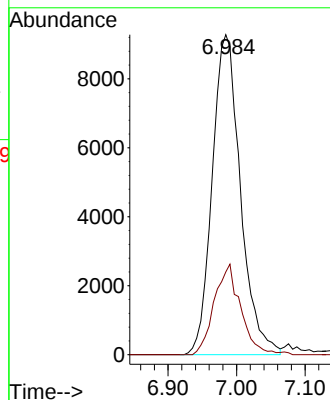
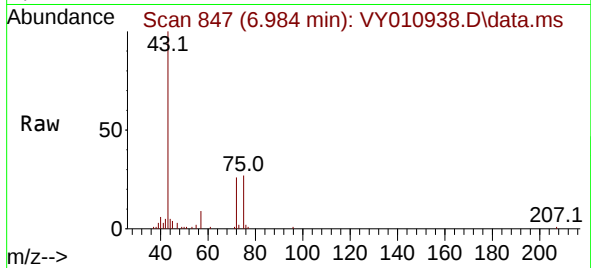




#25
2-Butanone
Concen: 32.666 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

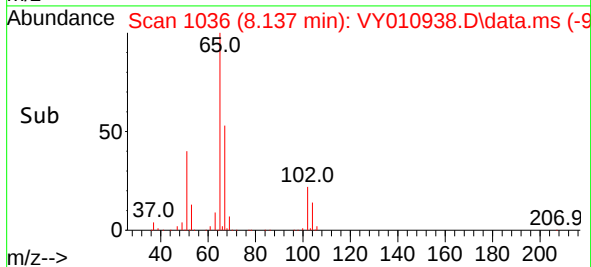
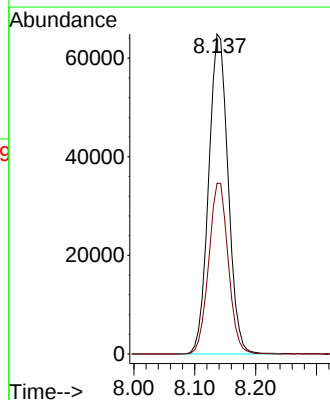
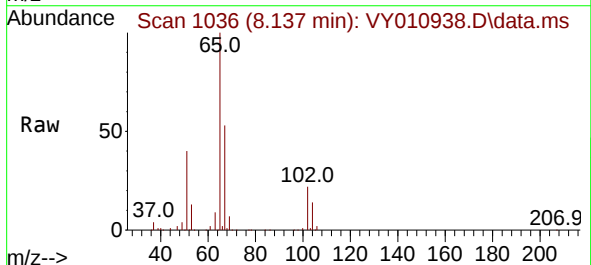
Instrument :
MSVOA_Y
ClientSampleId :
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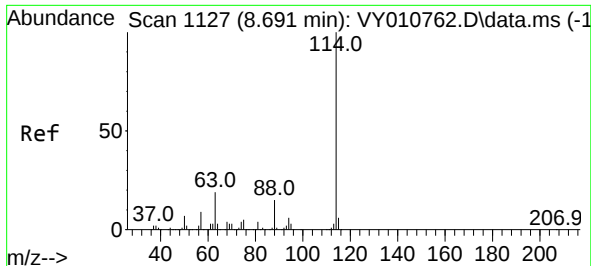
Tgt Ion: 43 Resp: 26590
Ion Ratio Lower Upper
43 100
72 25.9 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 64.470 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 65 Resp: 143719
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

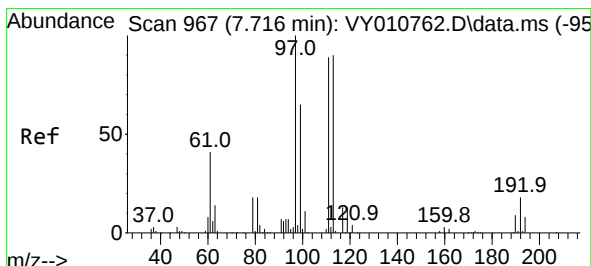
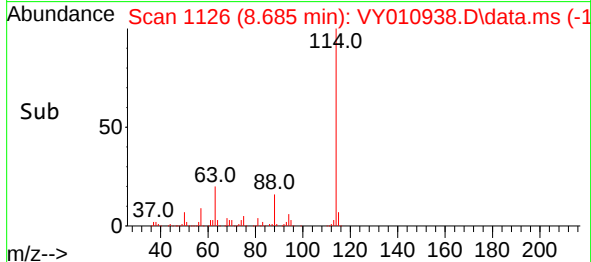
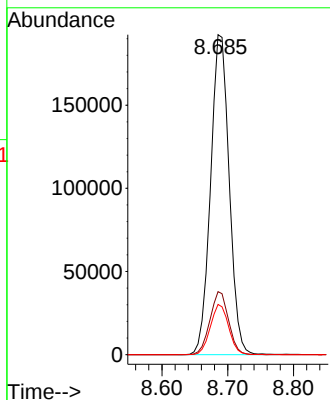
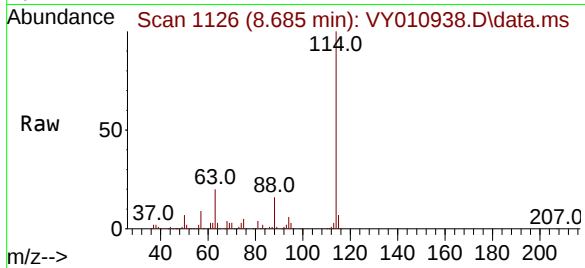




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

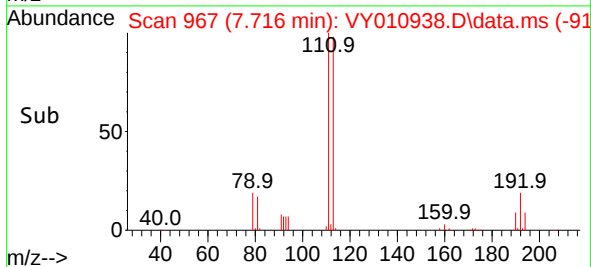
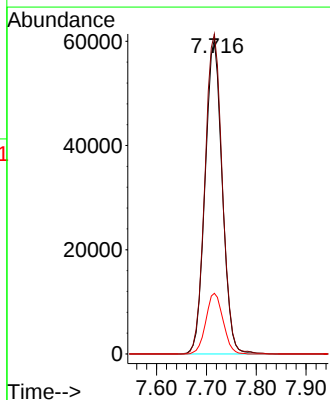
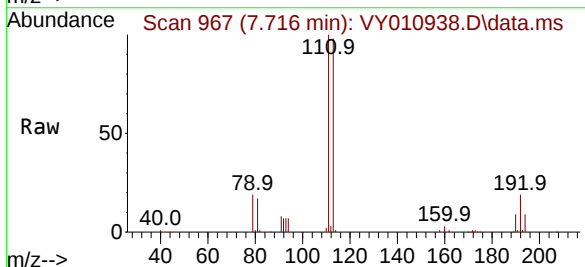
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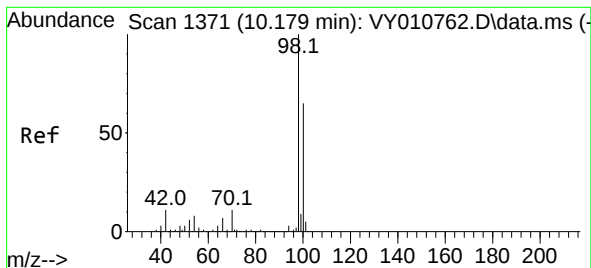
Tgt Ion:114 Resp: 378852
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.977 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion:113 Resp: 143289
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.5 17.6 26.4

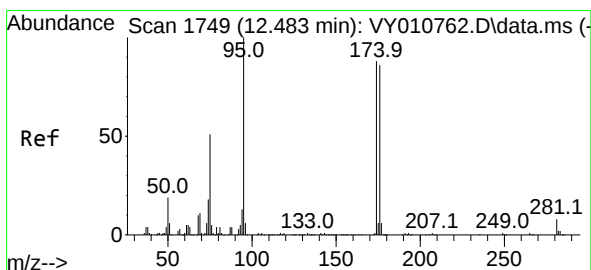
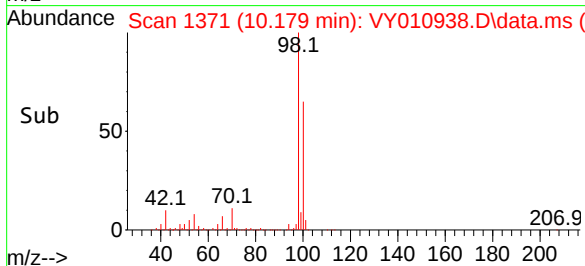
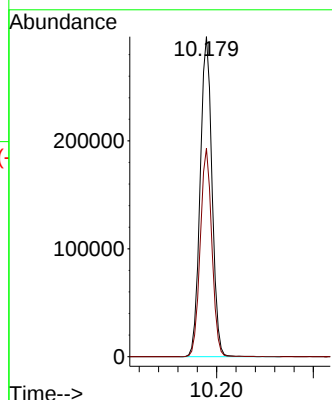
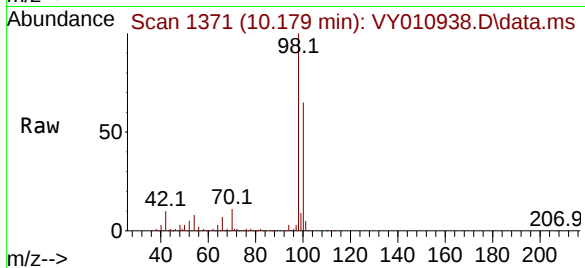




#50
Toluene-d8
Concen: 58.342 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

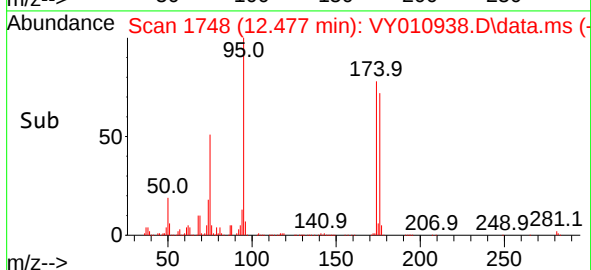
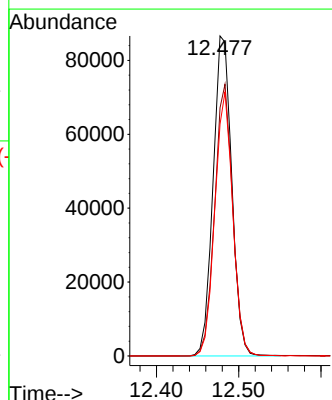
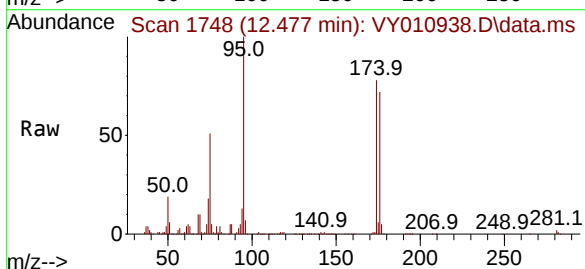
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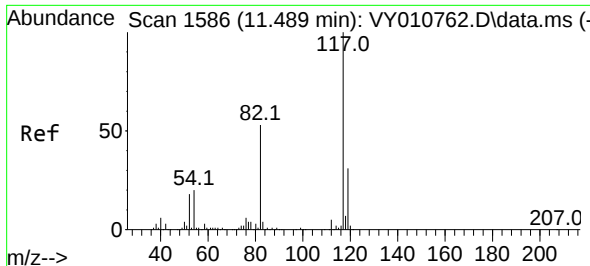
Tgt Ion: 98 Resp: 501768
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.818 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion: 95 Resp: 136310
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.4 0.0 175.8

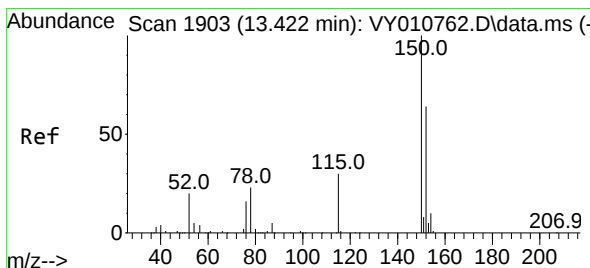
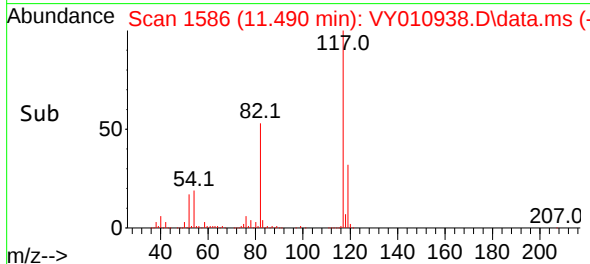
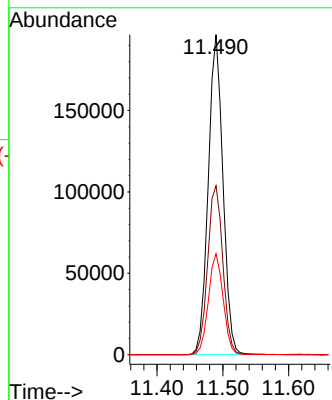
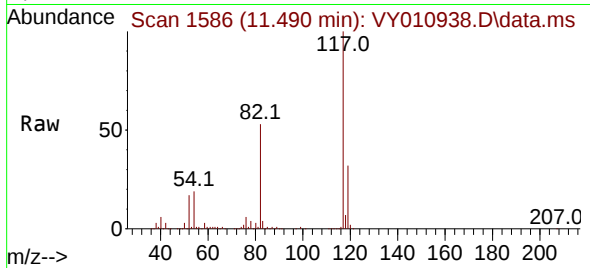




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

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MSVOA_Y
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Tgt Ion:117 Resp: 306156
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010938.D
Acq: 12 Oct 2022 13:47

Tgt Ion:152 Resp: 107294
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 154.1 0.0 347.6

