

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010290.D
 Acq On : 02 Sep 2022 19:38
 Operator : KP/MD
 Sample : N4465-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-083122

Quant Time: Sep 02 22:54:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

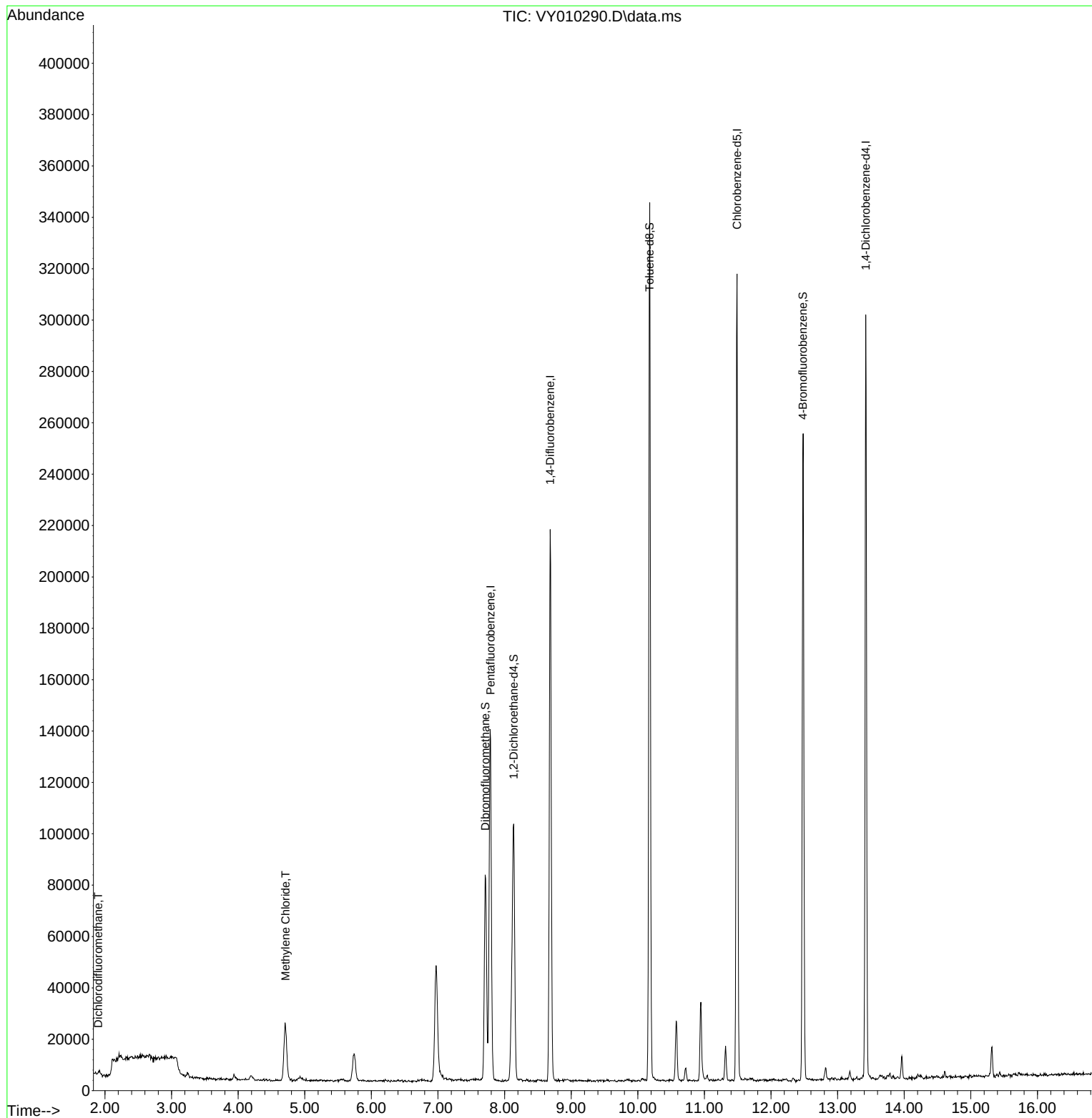
Internal Standards						
1) Pentafluorobenzene	7.789	168	109396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66729	59.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.980%
35) Dibromofluoromethane	7.709	113	57416	46.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.300%
50) Toluene-d8	10.178	98	223353	53.624	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.240%
62) 4-Bromofluorobenzene	12.477	95	76749	45.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.860%
Target Compounds						
2) Dichlorodifluoromethane	1.899	85	877	1.004	ug/l	84
20) Methylene Chloride	4.710	84	16675	12.322	ug/l	86

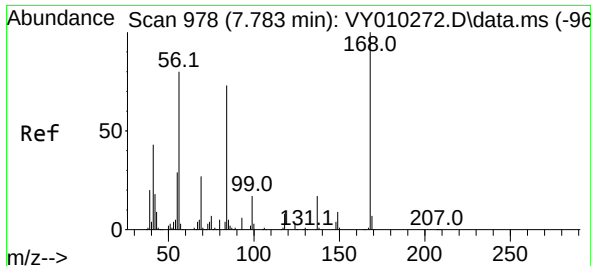
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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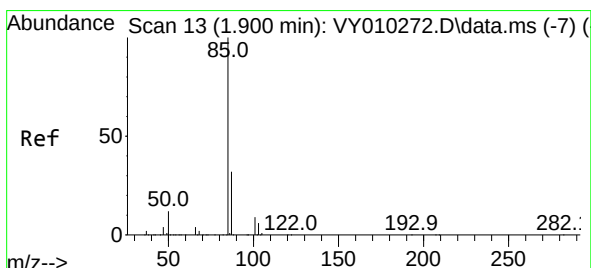
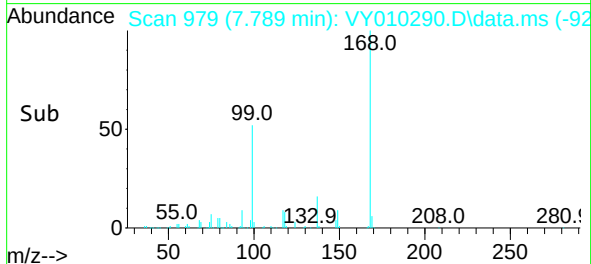
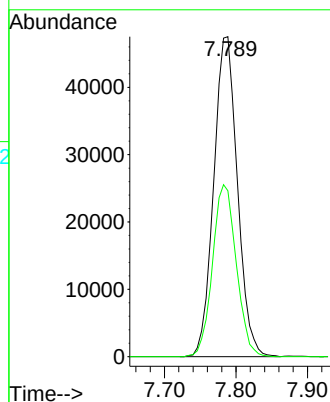
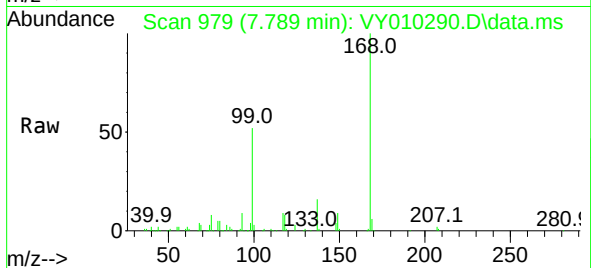




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

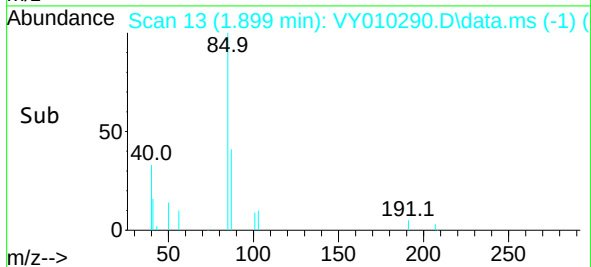
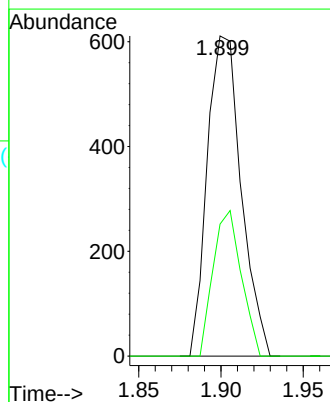
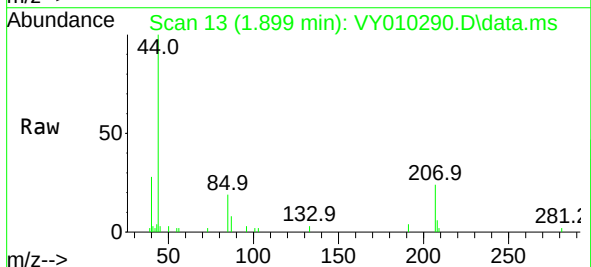
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-083122

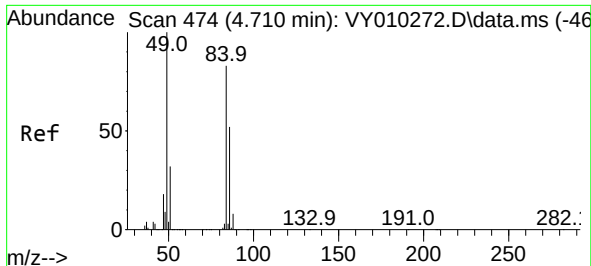
Tgt Ion:168 Resp: 109396
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.004 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

Tgt Ion: 85 Resp: 877
Ion Ratio Lower Upper
85 100
87 41.2 16.1 48.2



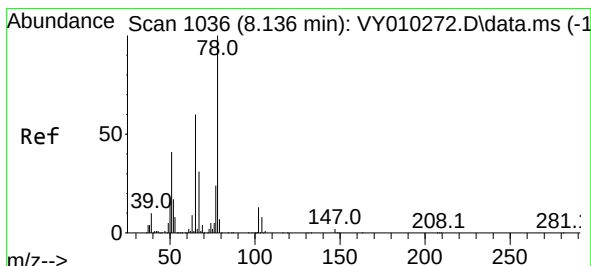
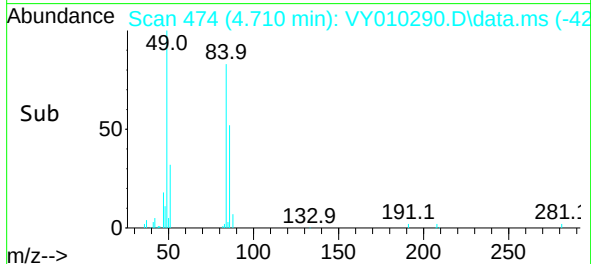
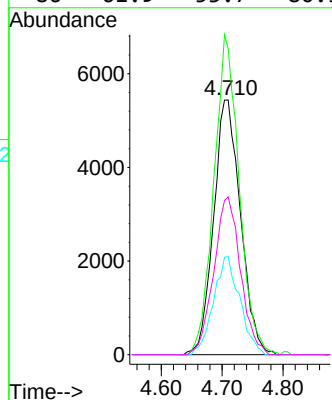
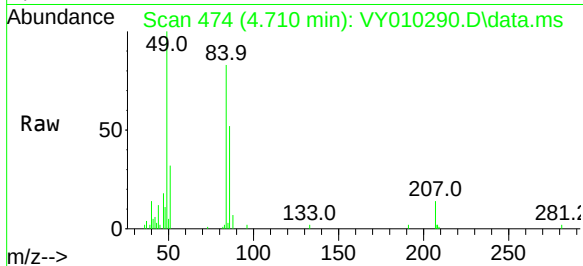


#20
Methylene Chloride
Concen: 12.322 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-083122

Tgt Ion: 84 Resp: 16675

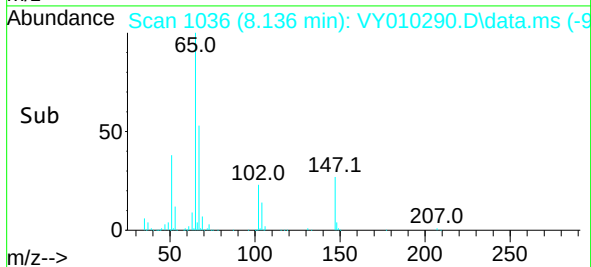
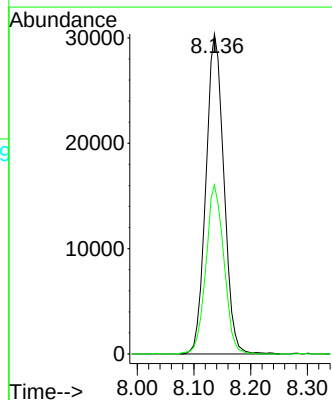
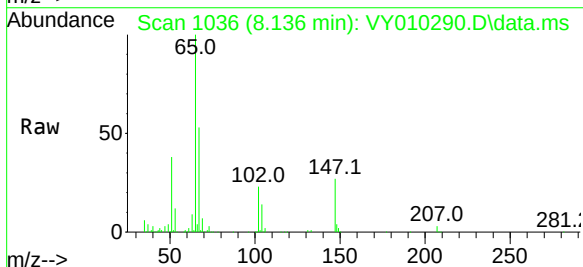
Ion	Ratio	Lower	Upper
84	100		
49	120.1	114.4	171.6
51	38.5	35.3	52.9
86	61.9	53.7	80.5

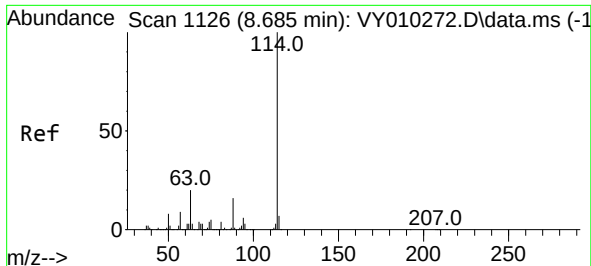


#33
1,2-Dichloroethane-d4
Concen: 59.487 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

Tgt Ion: 65 Resp: 66729

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	99.4

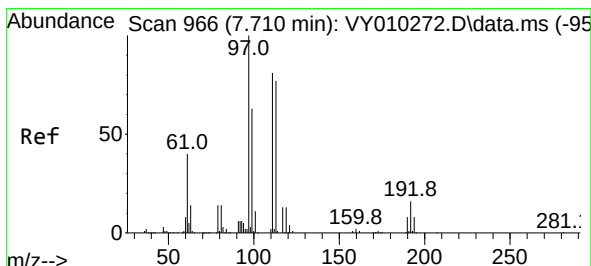
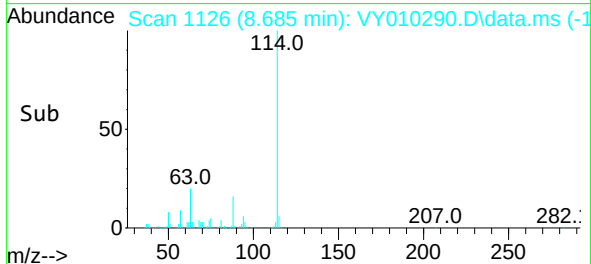
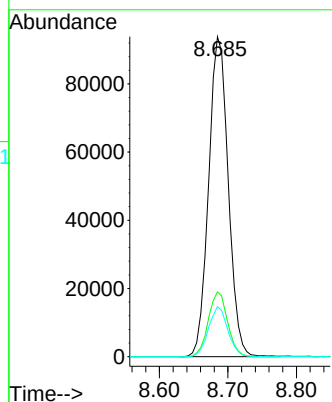
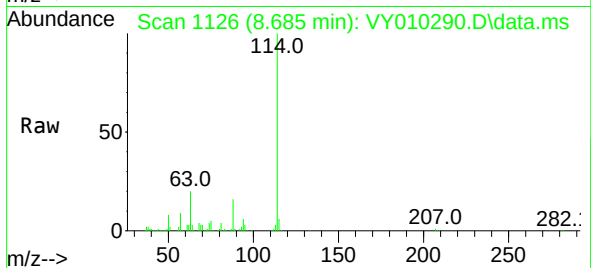




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

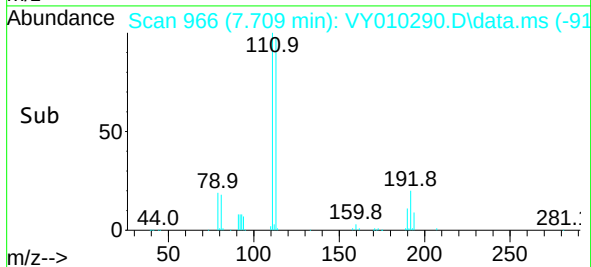
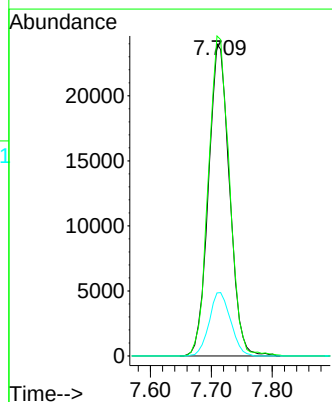
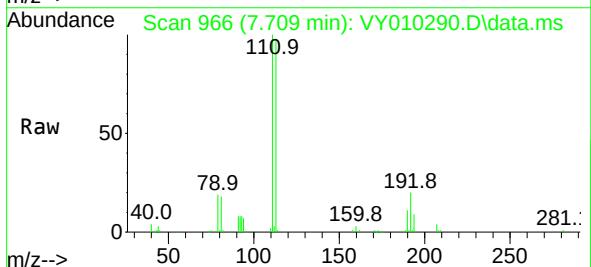
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-083122

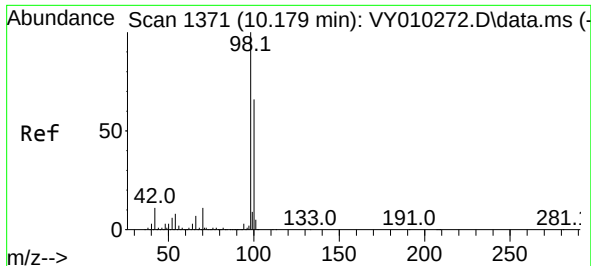
Tgt Ion:114 Resp: 186875
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.152 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

Tgt Ion:113 Resp: 57416
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.7 17.6 26.4

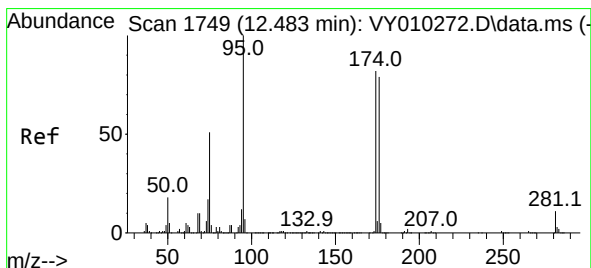
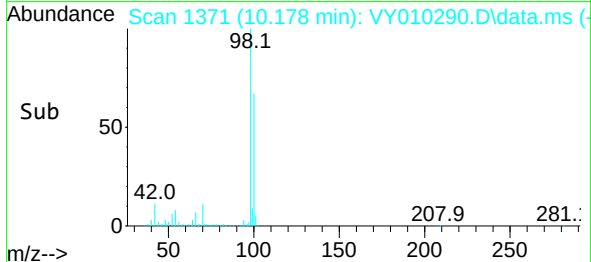
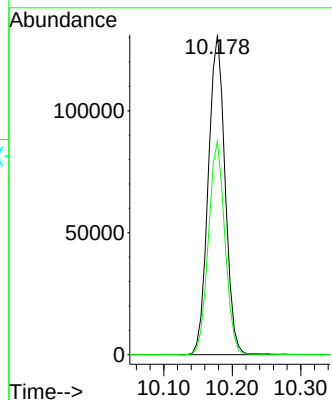
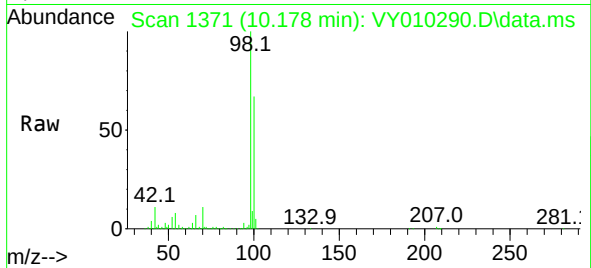




#50
Toluene-d8
Concen: 53.624 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

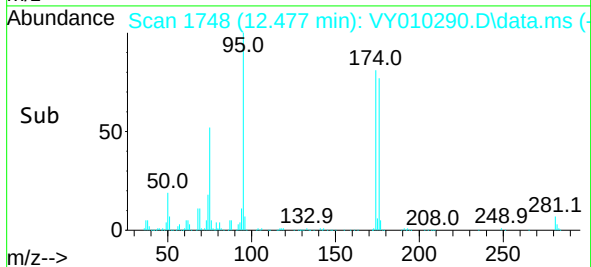
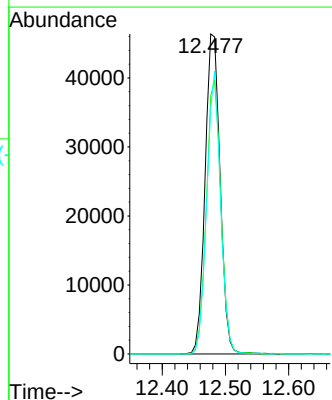
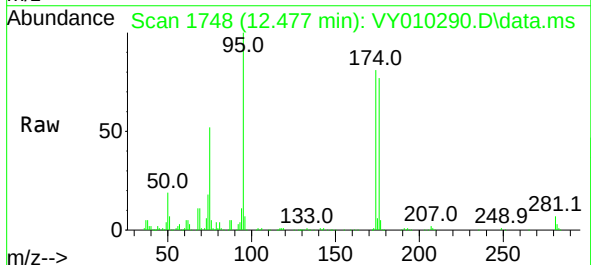
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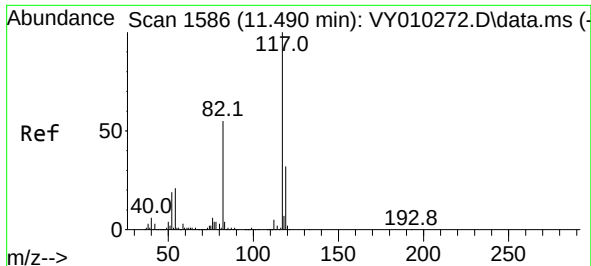
Tgt Ion: 98 Resp: 223353
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.434 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

Tgt Ion: 95 Resp: 76749
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 81.0 0.0 175.8

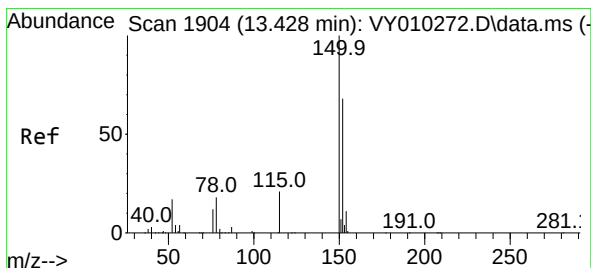
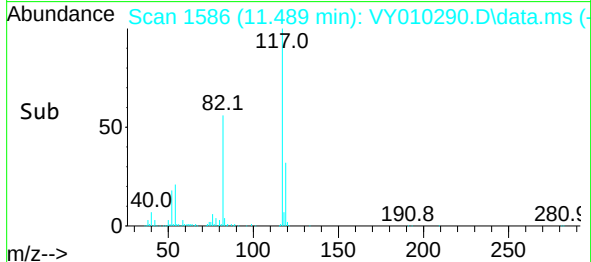
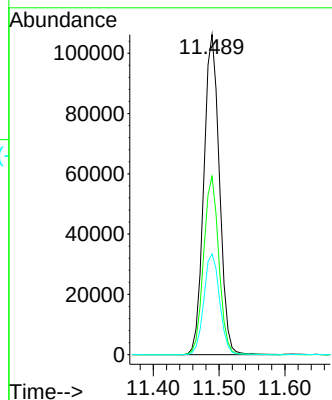
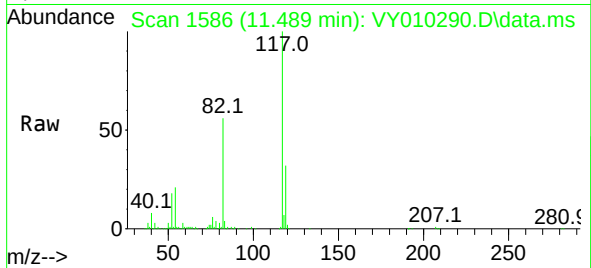




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-083122

Tgt Ion:117 Resp: 175399
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010290.D
Acq: 02 Sep 2022 19:38

Tgt Ion:152 Resp: 76490
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.6 0.0 347.6

