

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010323.D
 Acq On : 03 Sep 2022 16:22
 Operator : KP/MD
 Sample : N4419-06
 Misc : 2.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-MH-02-14-15

Quant Time: Sep 05 04:20:52 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)

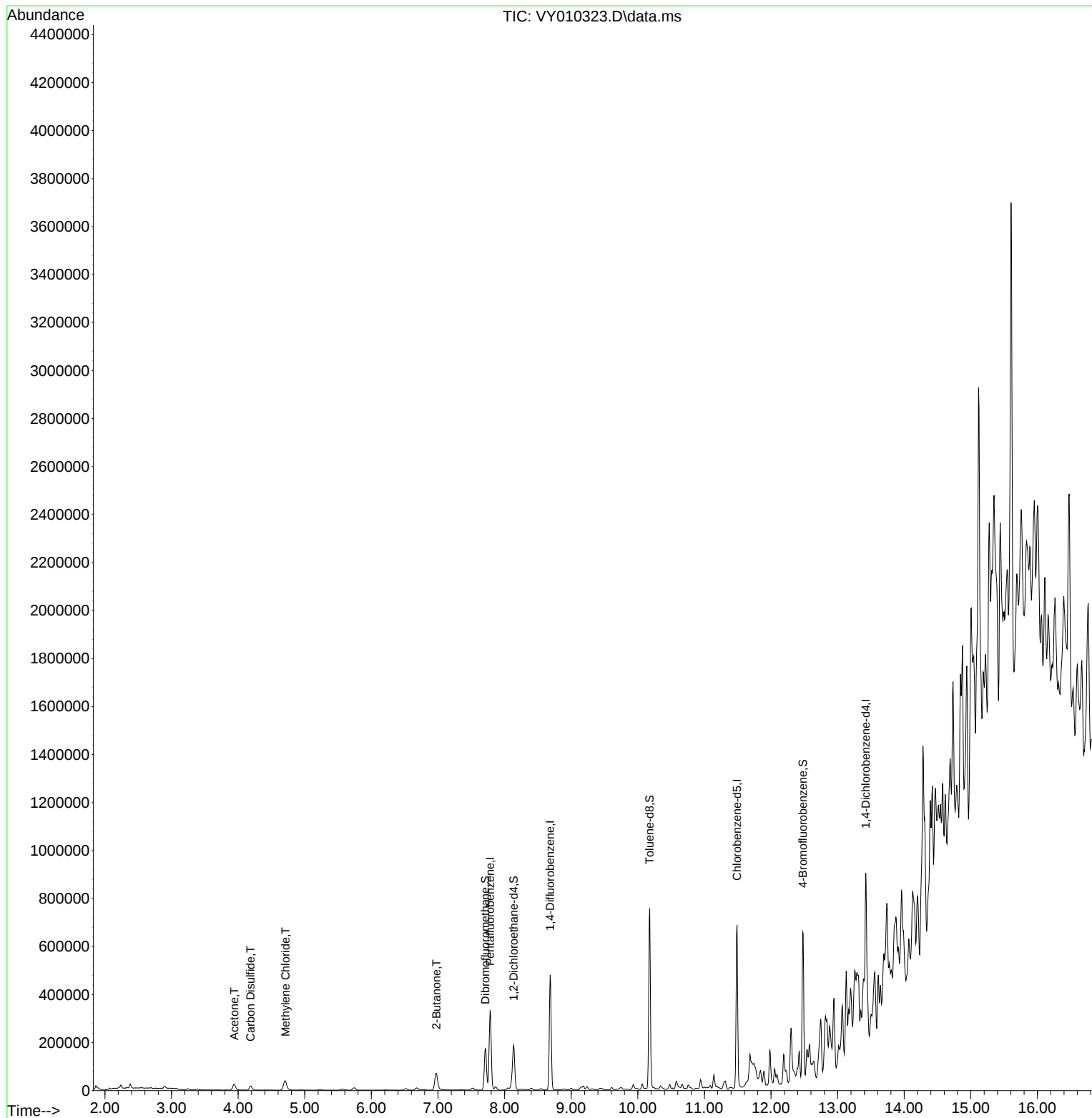
Internal Standards						
1) Pentafluorobenzene	7.783	168	260143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	367835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133186	49.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.860%
35) Dibromofluoromethane	7.710	113	124849	44.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.380%
50) Toluene-d8	10.179	98	494906	52.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.477	95	170493	44.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.740%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	35092	52.625	ug/l	93
17) Carbon Disulfide	4.186	76	30152	3.822	ug/l	97
20) Methylene Chloride	4.710	84	24491	7.611	ug/l #	80
25) 2-Butanone	6.978	43	17461	15.955	ug/l	98

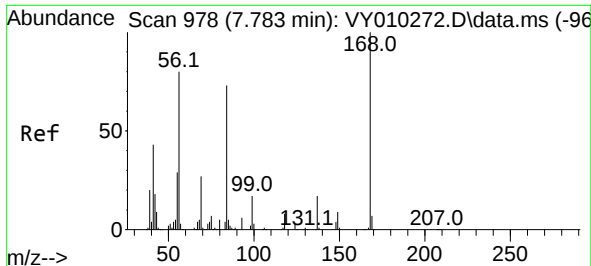
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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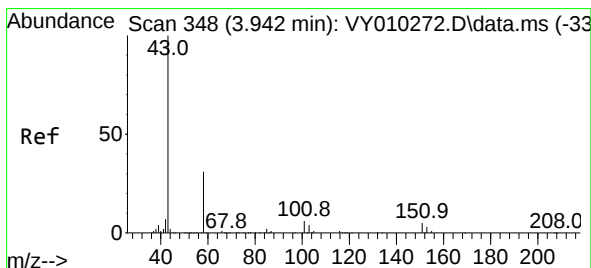
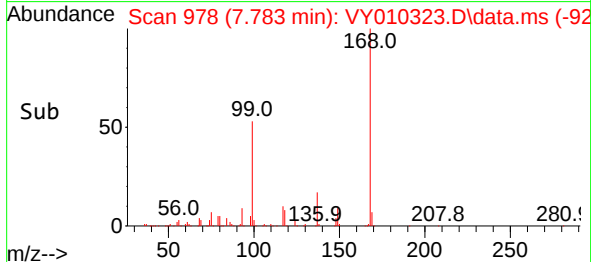
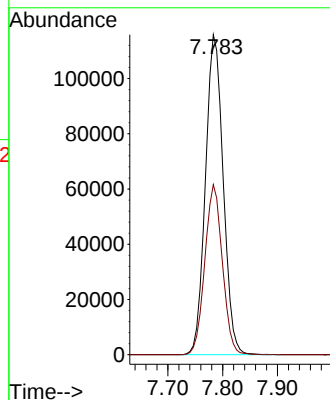
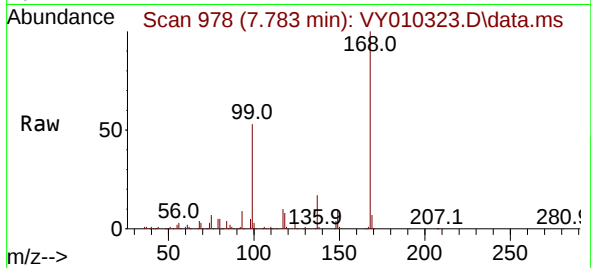




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

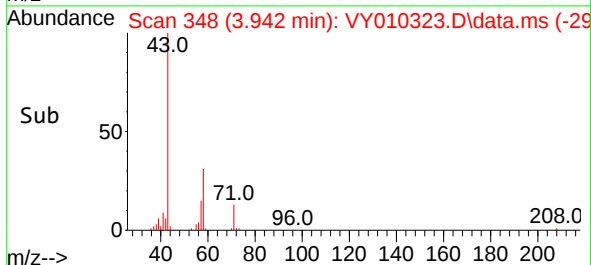
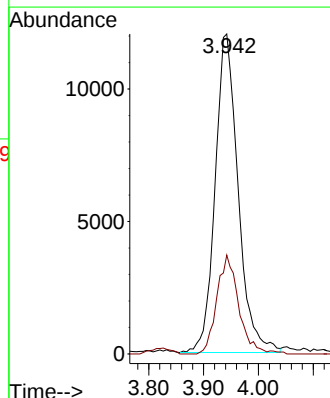
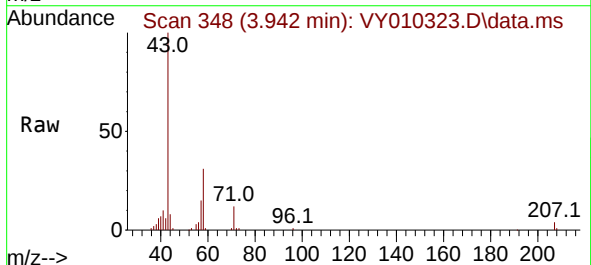
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-14-15

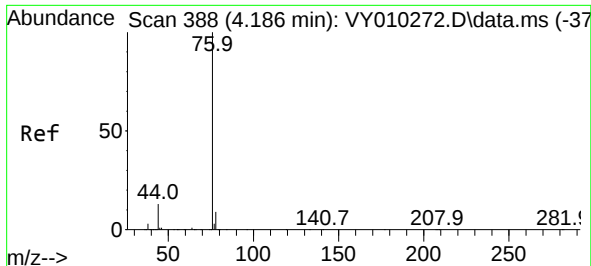
Tgt Ion:168 Resp: 260143
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#16
Acetone
Concen: 52.625 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

Tgt Ion: 43 Resp: 35092
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0

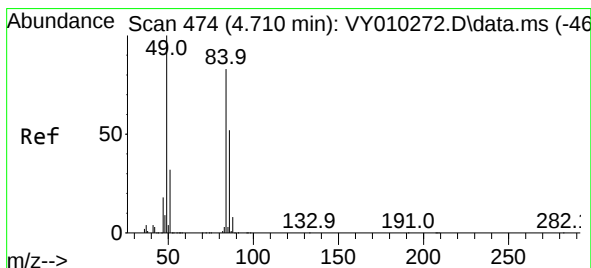
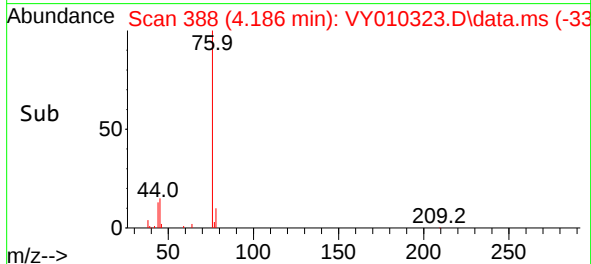
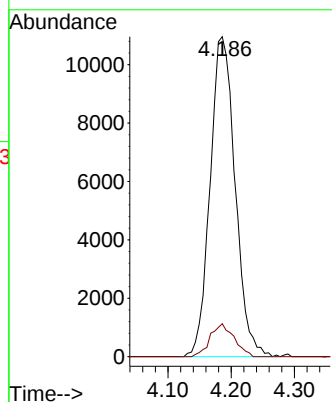
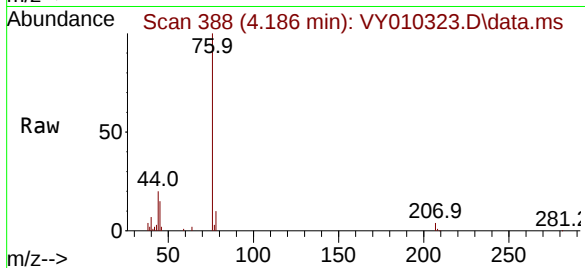




#17
Carbon Disulfide
Concen: 3.822 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

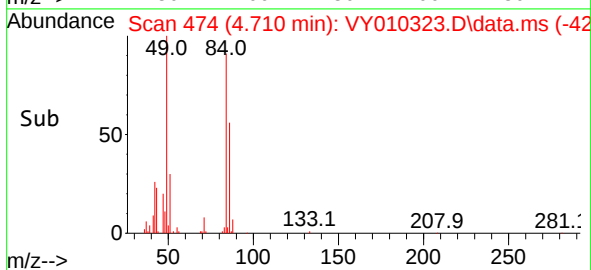
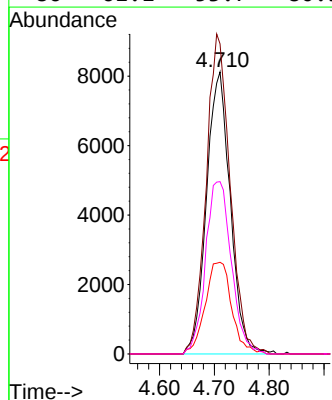
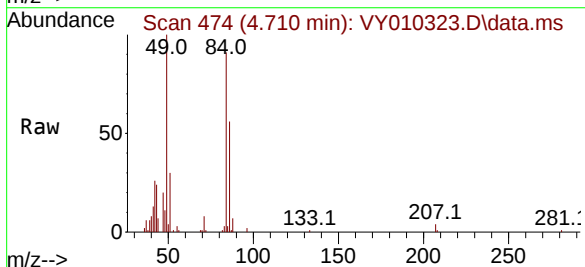
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-14-15

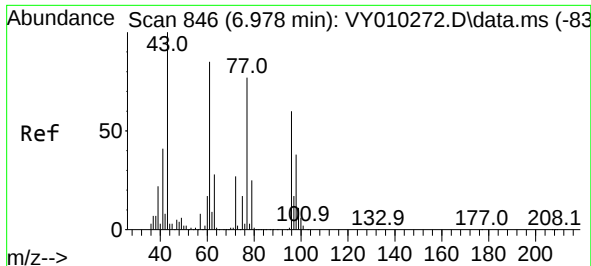
Tgt Ion: 76 Resp: 30152
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#20
Methylene Chloride
Concen: 7.611 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

Tgt Ion: 84 Resp: 24491
Ion Ratio Lower Upper
84 100
49 109.9 114.4 171.6#
51 32.5 35.3 52.9#
86 61.1 53.7 80.5

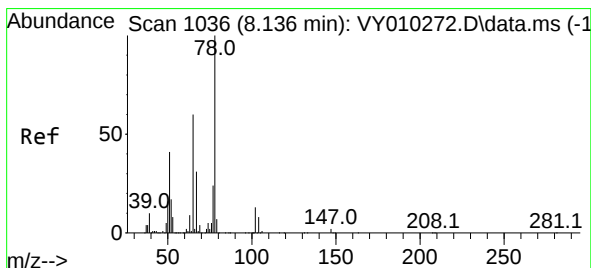
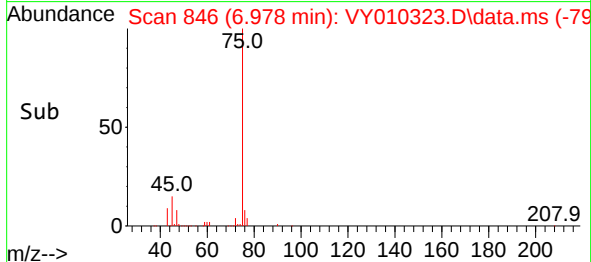
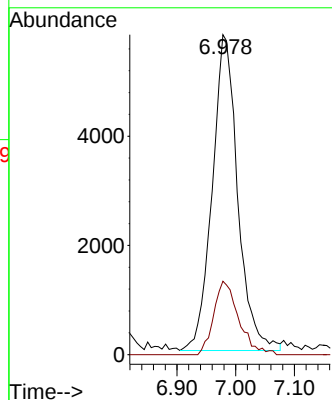
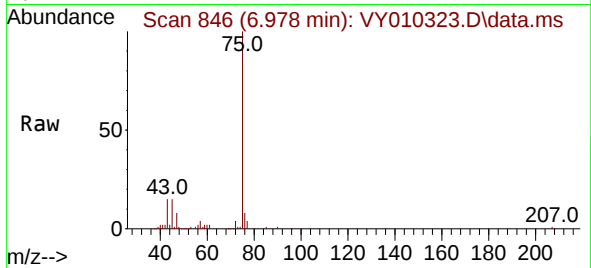




#25
2-Butanone
Concen: 15.955 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

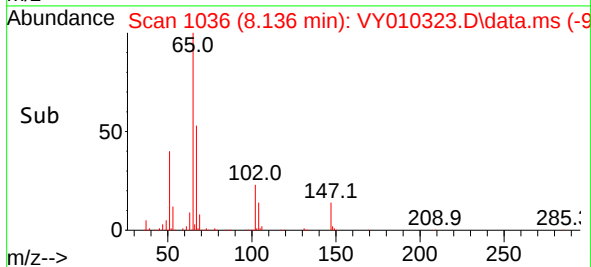
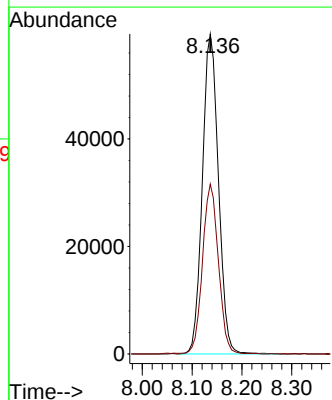
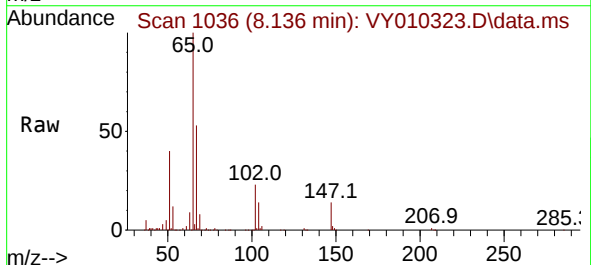
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-14-15

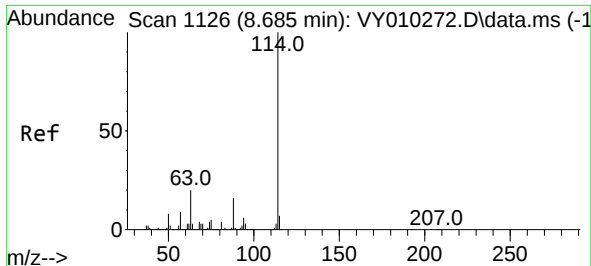
Tgt Ion: 43 Resp: 17461
Ion Ratio Lower Upper
43 100
72 23.3 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 49.930 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

Tgt Ion: 65 Resp: 133186
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

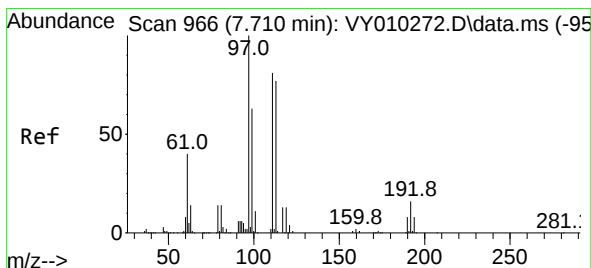
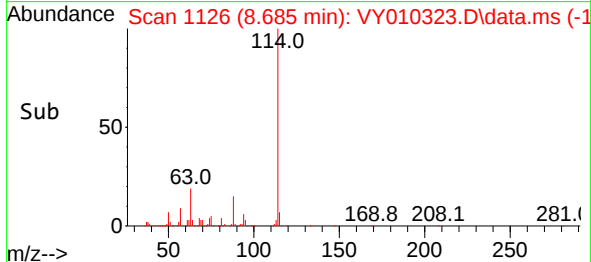
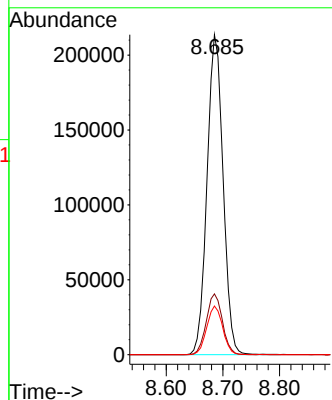
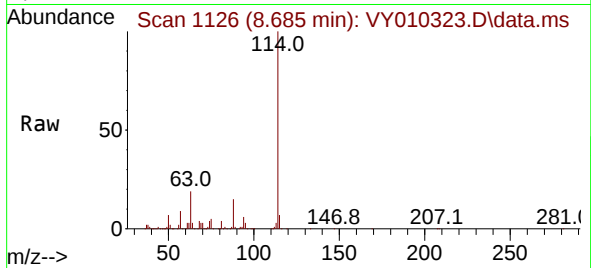




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

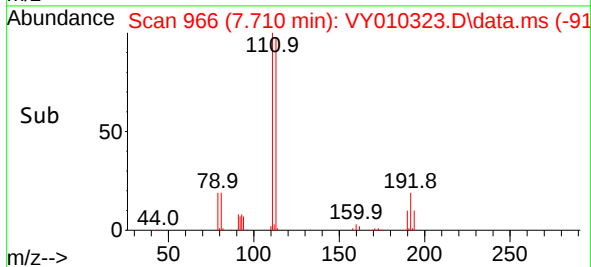
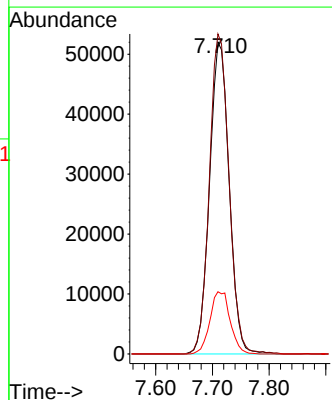
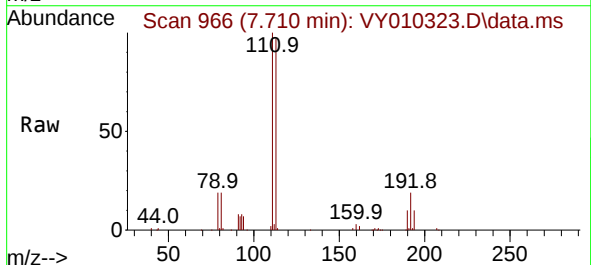
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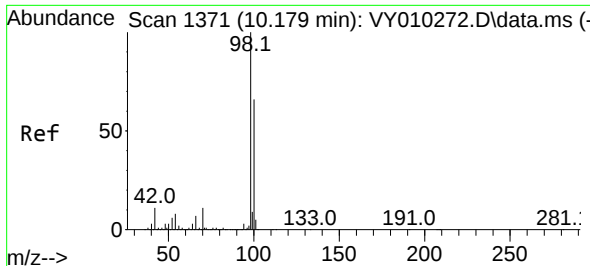
Tgt Ion:114 Resp: 419627
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.692 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

Tgt Ion:113 Resp: 124849
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.6 17.6 26.4

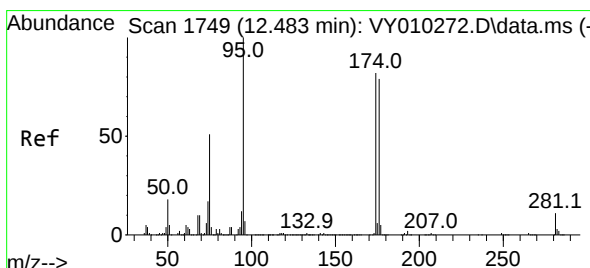
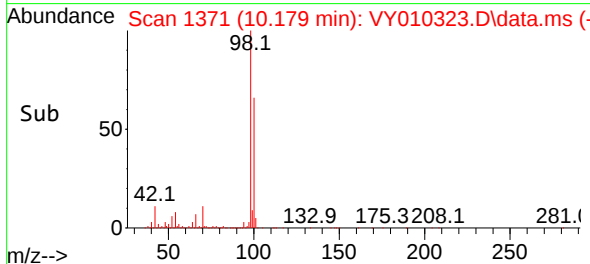
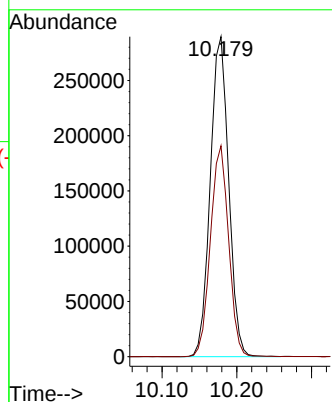
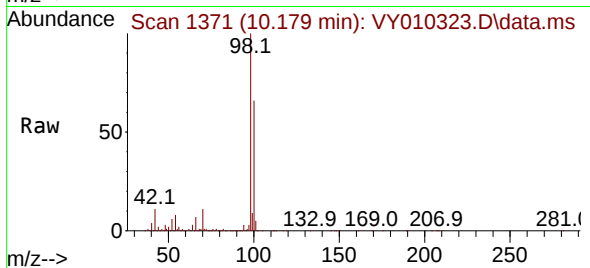




#50
Toluene-d8
Concen: 52.915 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

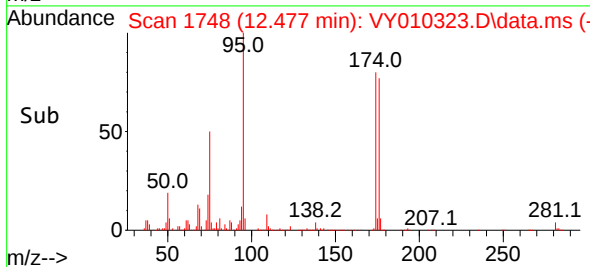
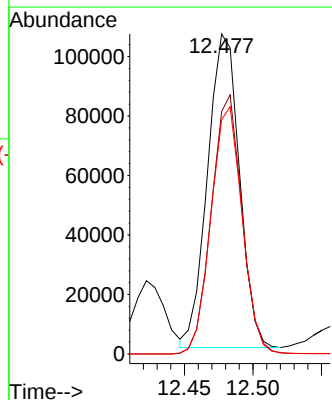
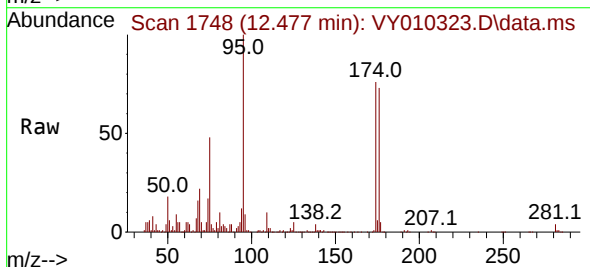
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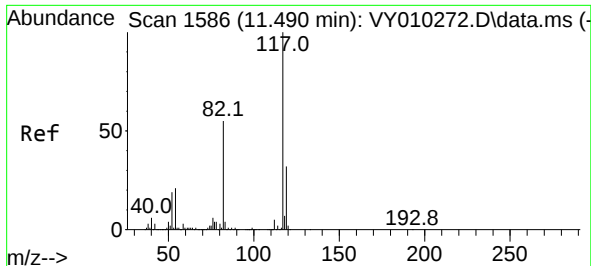
Tgt Ion: 98 Resp: 494906
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.870 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

Tgt Ion: 95 Resp: 170493
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 77.2 0.0 175.8

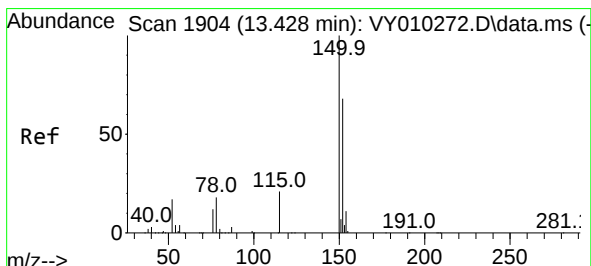
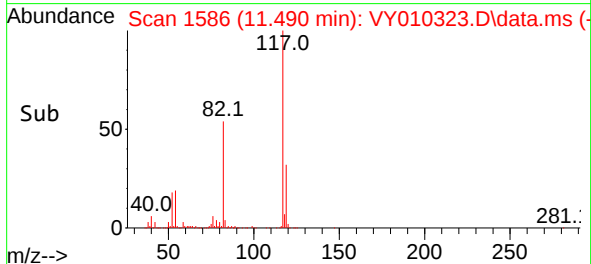
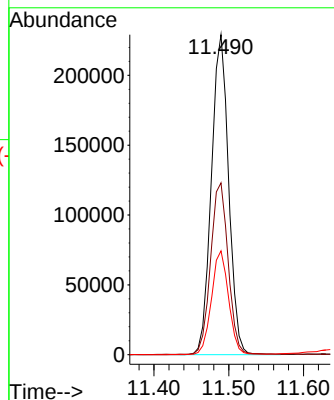
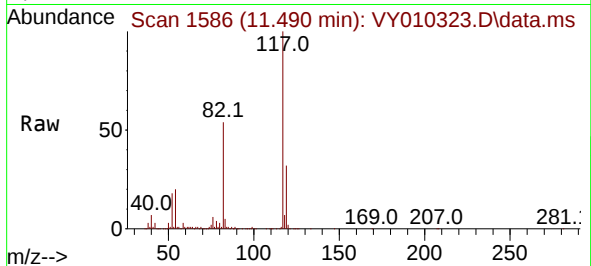




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010323.D
Acq: 03 Sep 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-14-15

Tgt Ion:117 Resp: 367835
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.4 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: VY010323.D
Acq: 03 Sep 2022 16:22

Tgt Ion:152 Resp: 180331
Ion Ratio Lower Upper
152 100
115 49.2 28.2 84.7
150 136.0 0.0 347.6

