

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009519.D
 Acq On : 11 Jul 2022 18:34
 Operator : KP/MD
 Sample : N3648-04
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMR-TP2-0708

Quant Time: Jul 12 05:04:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

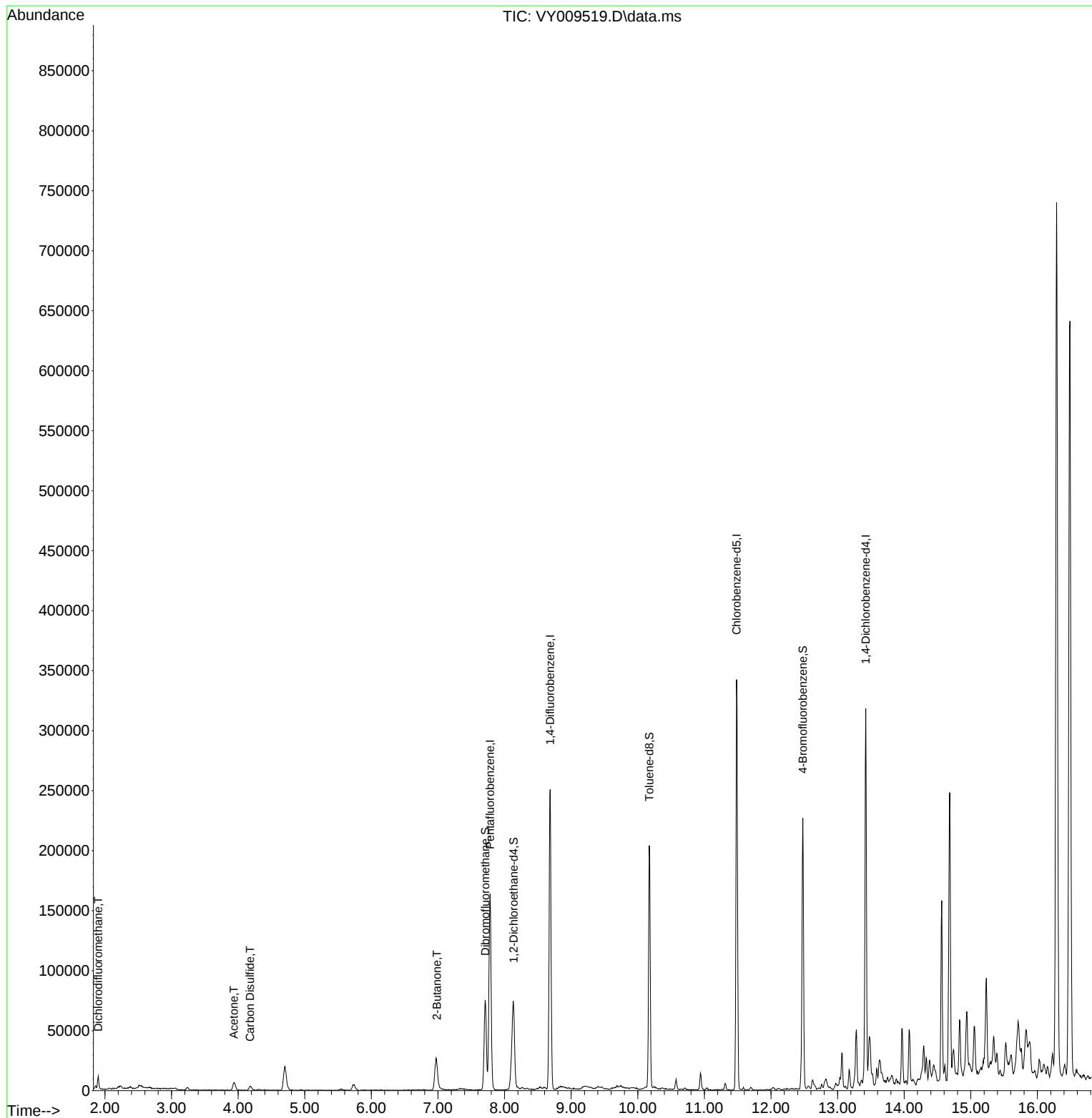
Internal Standards						
1) Pentafluorobenzene	7.783	168	130481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	182179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	46784	51.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.060%	
35) Dibromofluoromethane	7.710	113	51139	45.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.840%	
50) Toluene-d8	10.173	98	131087	40.999	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 82.000%	
62) 4-Bromofluorobenzene	12.477	95	62150	39.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 78.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	7524	7.519	ug/l	100
16) Acetone	3.936	43	11750	37.018	ug/l	98
17) Carbon Disulfide	4.180	76	5807	5.914	ug/l #	80
25) 2-Butanone	6.984	43	3621	7.052	ug/l	98

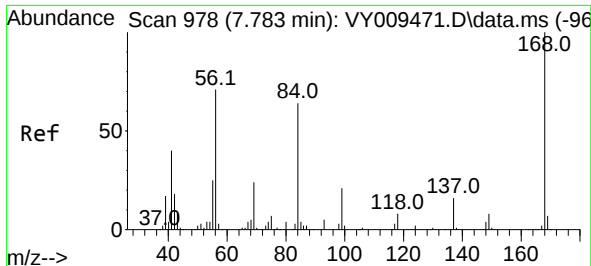
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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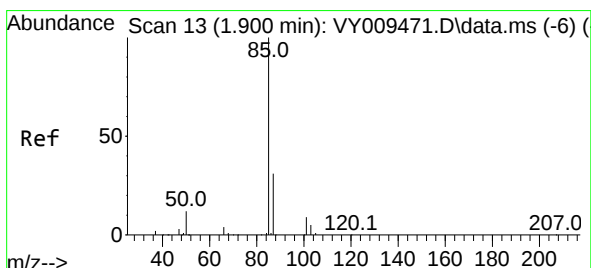
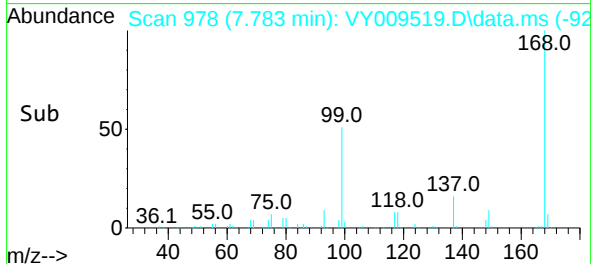
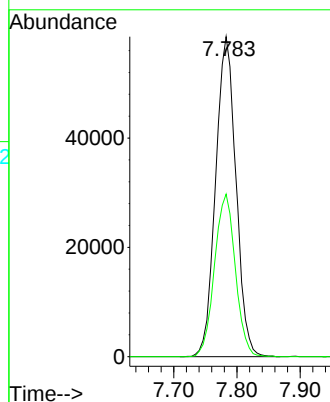
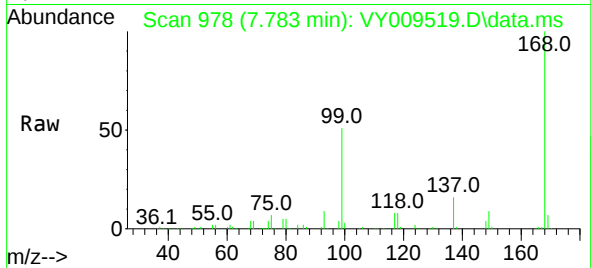




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

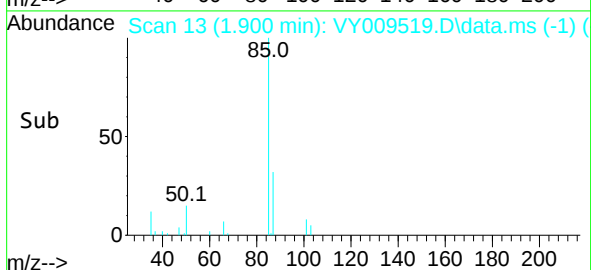
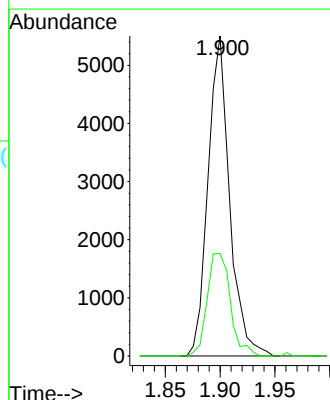
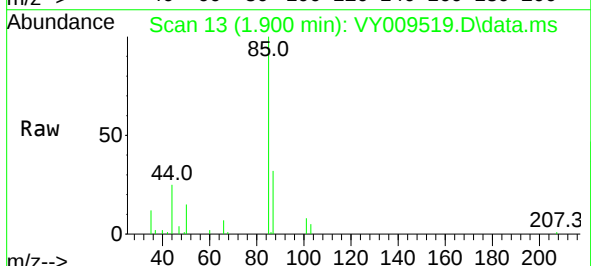
Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

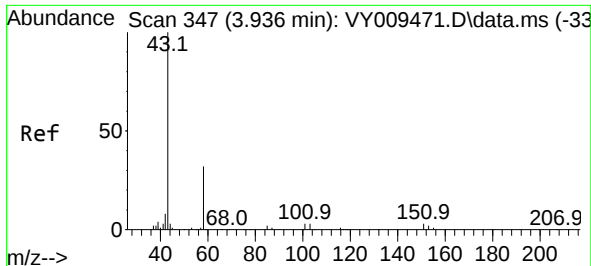
Tgt Ion:168 Resp: 130481
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 7.519 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

Tgt Ion: 85 Resp: 7524
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

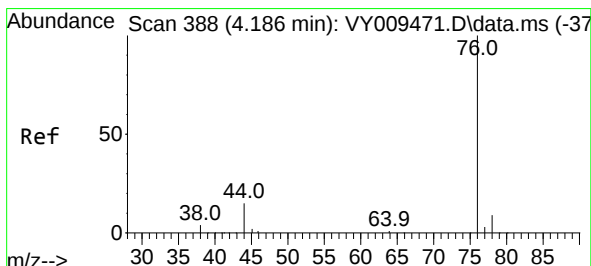
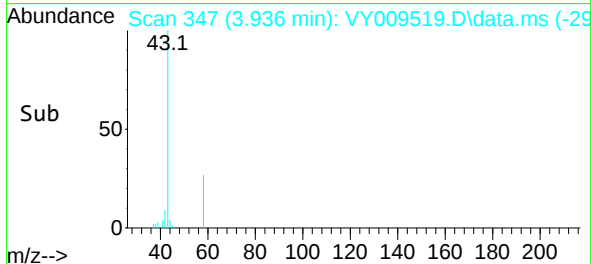
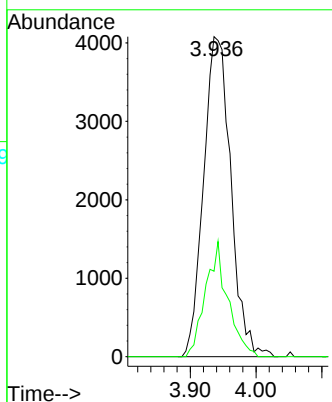
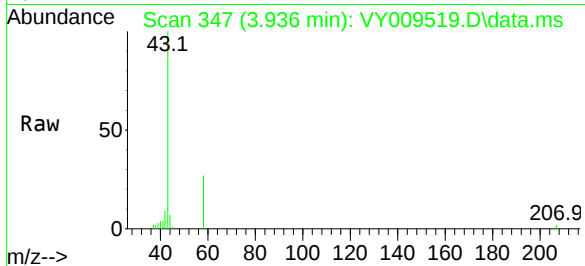




#16
Acetone
Concen: 37.018 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

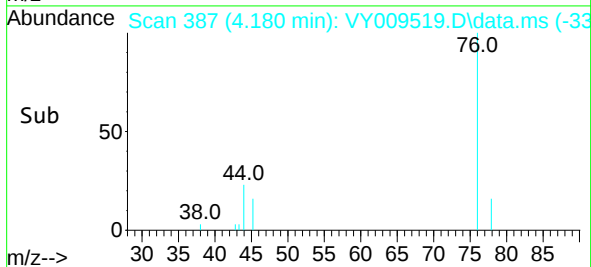
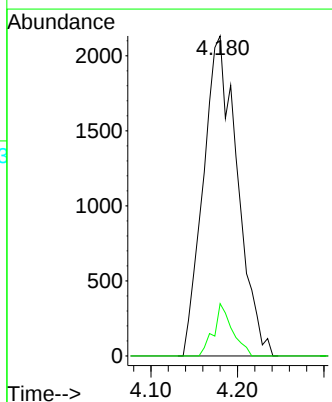
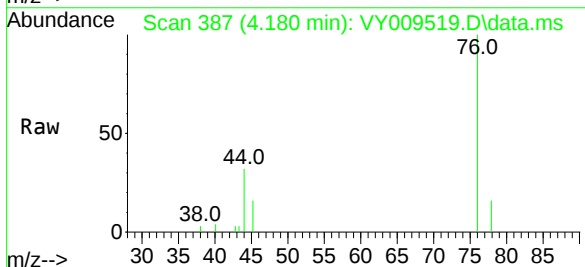
Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

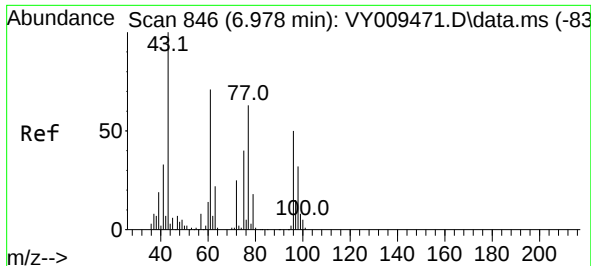
Tgt Ion: 43 Resp: 11750
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0



#17
Carbon Disulfide
Concen: 5.914 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

Tgt Ion: 76 Resp: 5807
Ion Ratio Lower Upper
76 100
78 16.4 7.4 11.0#

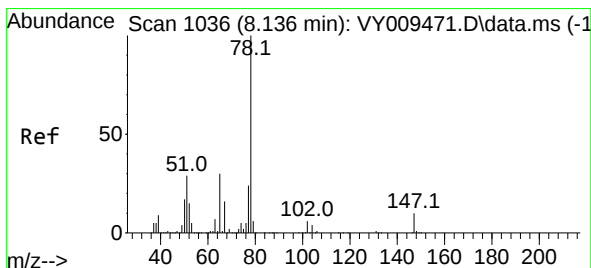
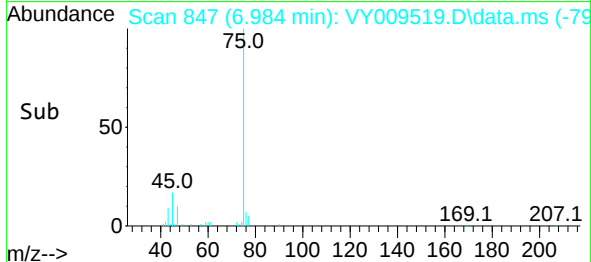
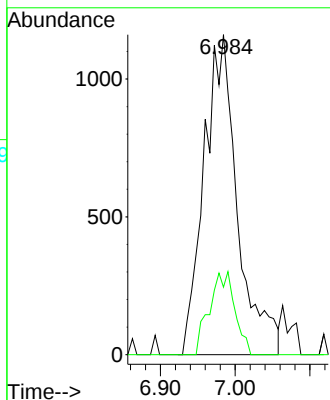
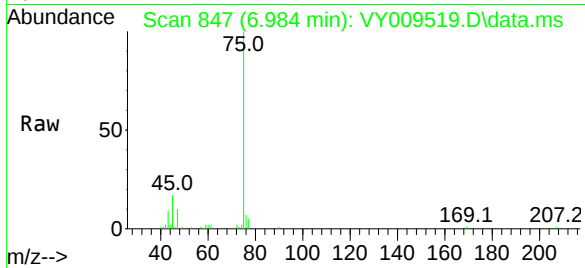




#25
2-Butanone
Concen: 7.052 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

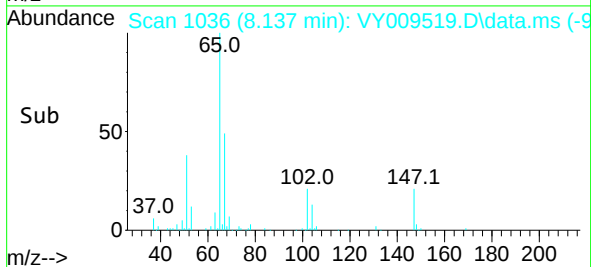
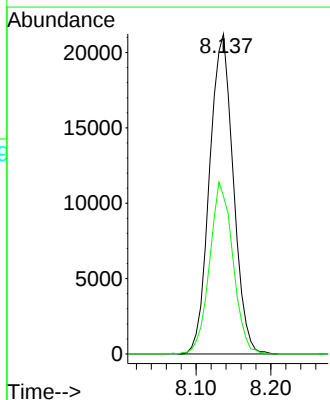
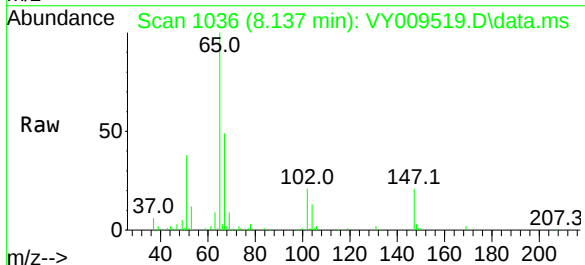
Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

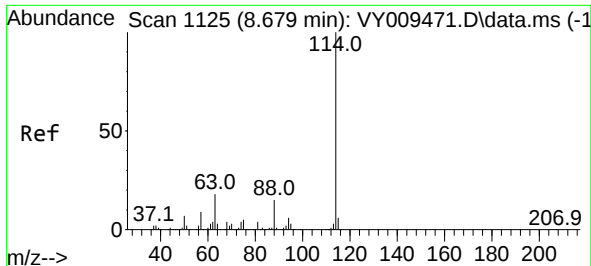
Tgt Ion: 43 Resp: 3621
Ion Ratio Lower Upper
43 100
72 21.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 51.034 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

Tgt Ion: 65 Resp: 46784
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009519.D

Acq: 11 Jul 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

CMR-TP2-0708

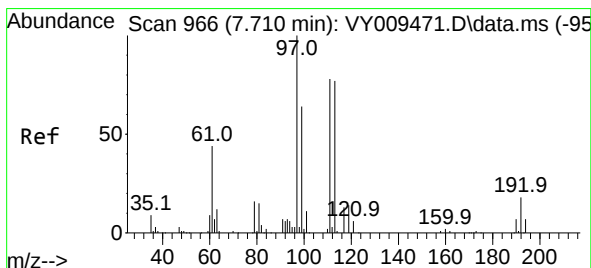
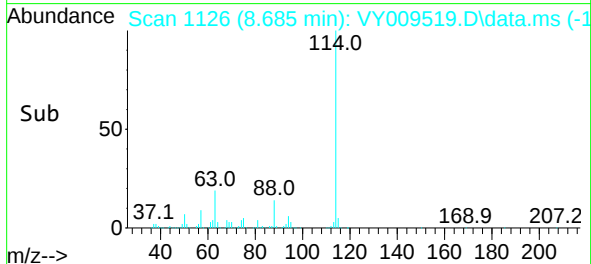
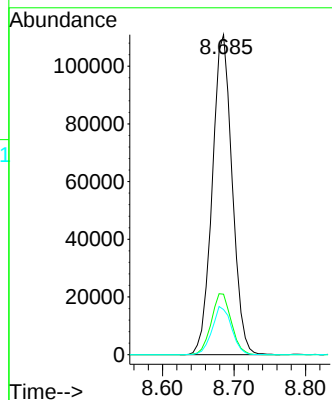
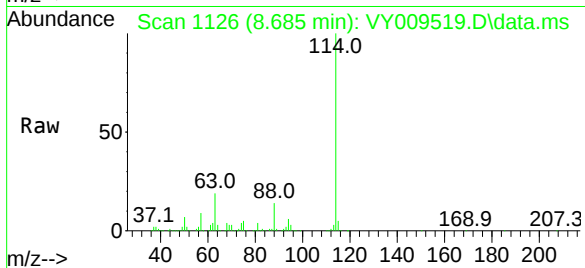
Tgt Ion:114 Resp: 214000

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.416 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009519.D

Acq: 11 Jul 2022 18:34

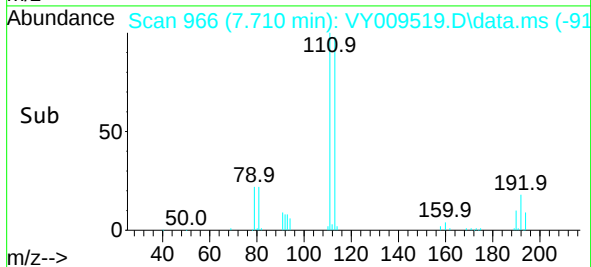
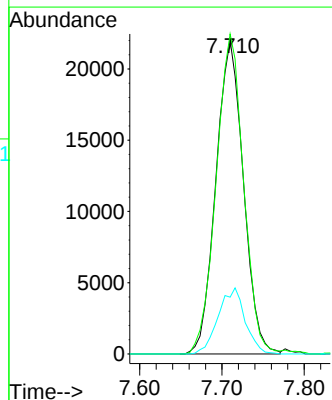
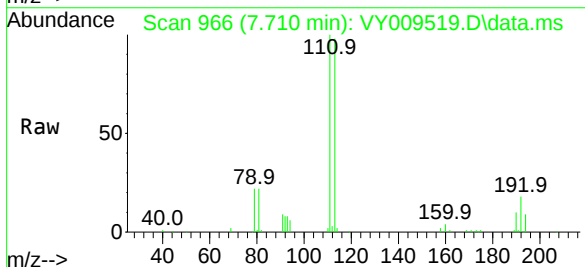
Tgt Ion:113 Resp: 51139

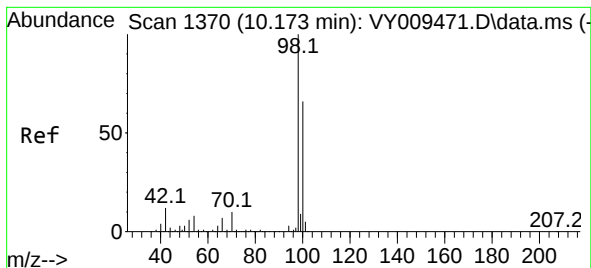
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 20.6 17.6 26.4

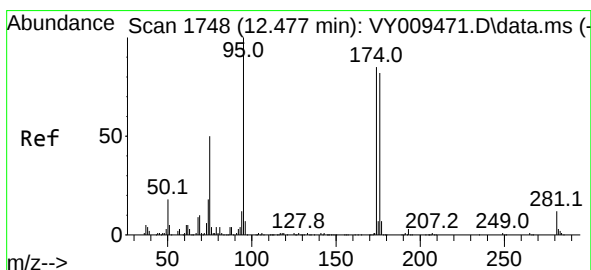
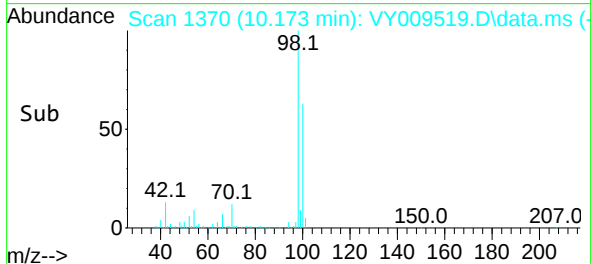
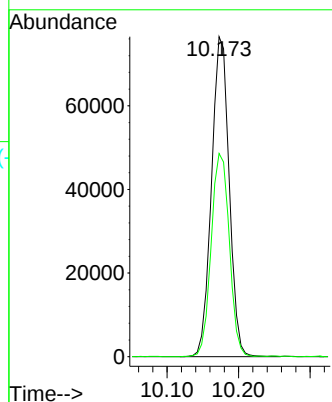
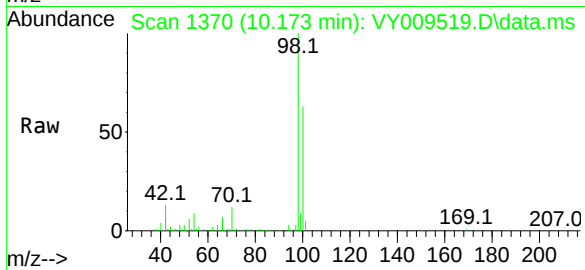




#50
Toluene-d8
Concen: 40.999 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

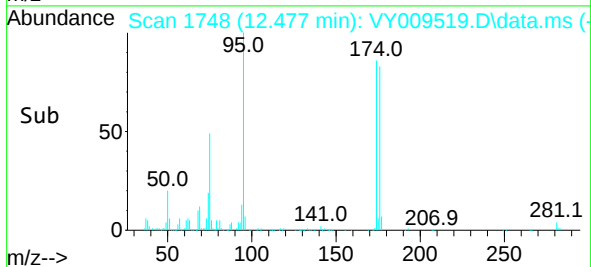
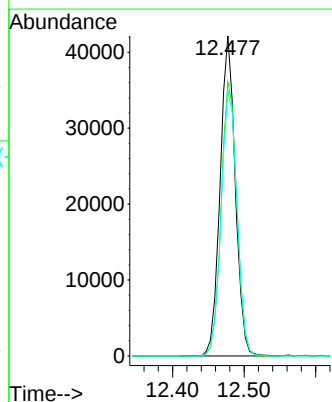
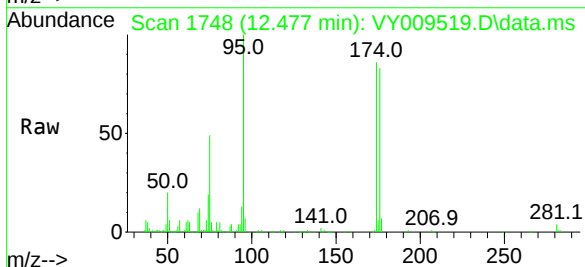
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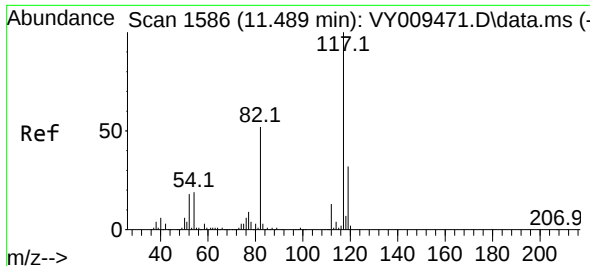
Tgt Ion: 98 Resp: 131087
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.102 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

Tgt Ion: 95 Resp: 62150
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 87.0 0.0 175.8

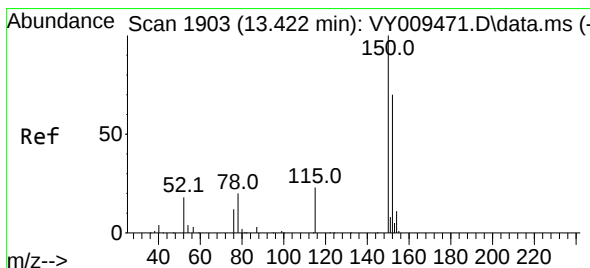
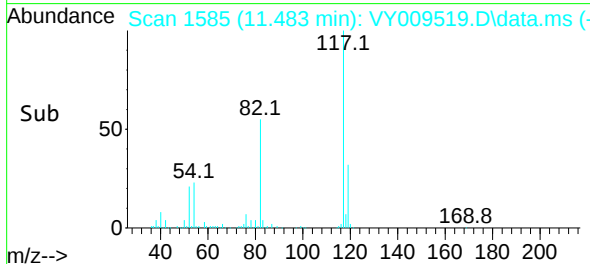
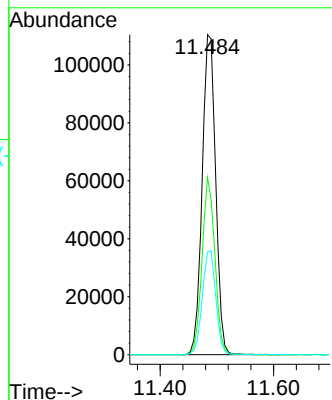
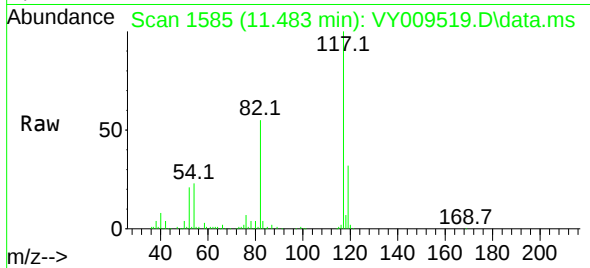




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY009519.D
Acq: 11 Jul 2022 18:34

Instrument :
MSVOA_Y
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Tgt Ion:117 Resp: 182179
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.2 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: VY009519.D
Acq: 11 Jul 2022 18:34

Tgt Ion:152 Resp: 76955
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.2 0.0 347.6

