

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009600.D
 Acq On : 19 Jul 2022 19:24
 Operator : KP/MD
 Sample : N3652-03
 Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-7-(24-30)

Quant Time: Jul 20 02:45:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

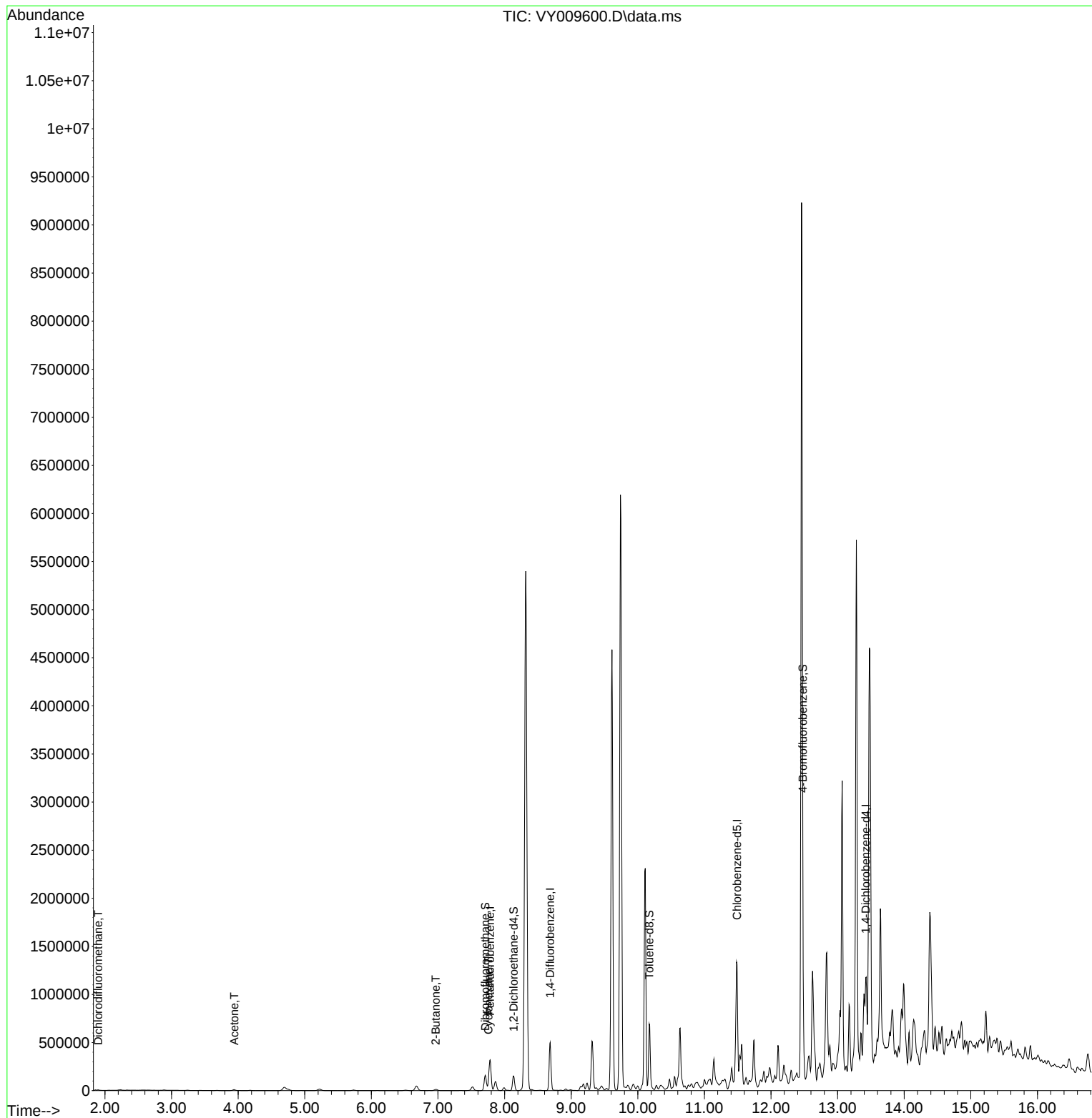
Internal Standards						
1) Pentafluorobenzene	7.783	168	264385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	444172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	423715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	205415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118724	47.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.960%
35) Dibromofluoromethane	7.710	113	114266	40.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.660%
50) Toluene-d8	10.173	98	444978	41.365	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.720%
62) 4-Bromofluorobenzene	12.477	95	172989	49.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	99.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4553	1.963	ug/l	99
16) Acetone	3.942	43	15554	24.590	ug/l #	89
25) 2-Butanone	6.966	43	7142	7.741	ug/l #	63
31) Cyclohexane	7.758	56	10194	2.312	ug/l #	69

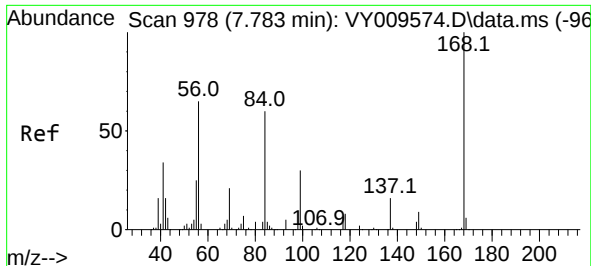
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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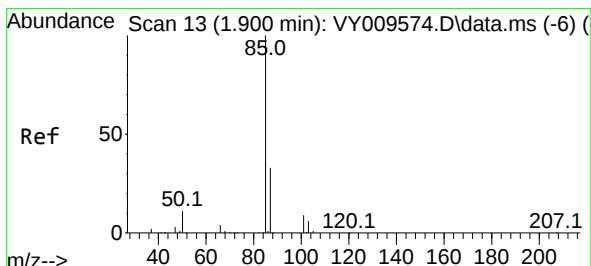
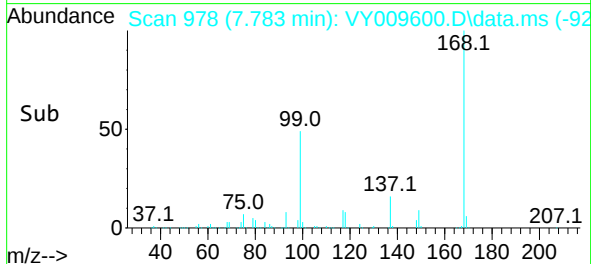
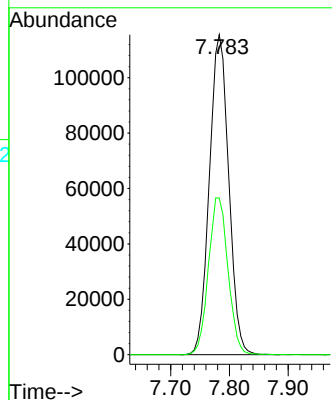
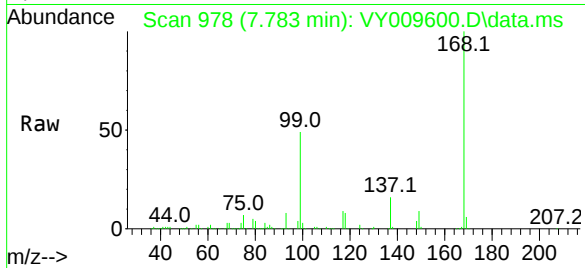




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

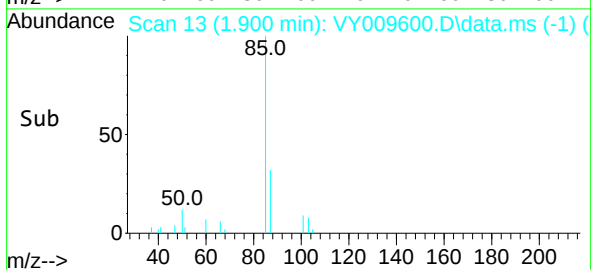
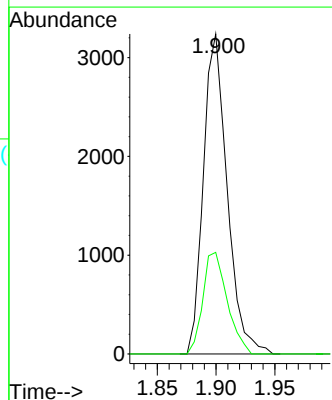
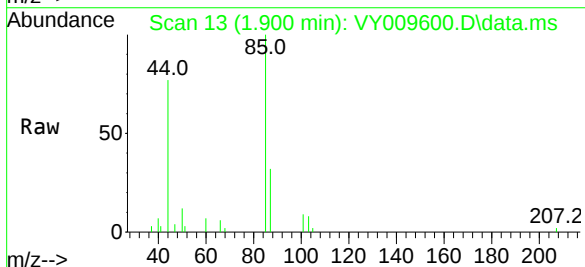
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

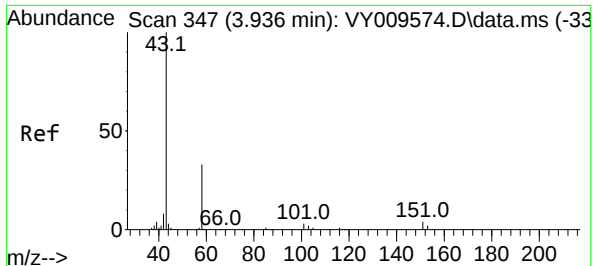
Tgt Ion:168 Resp: 264385
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.963 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

Tgt Ion: 85 Resp: 4553
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2

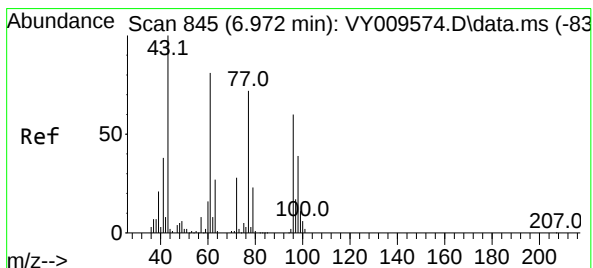
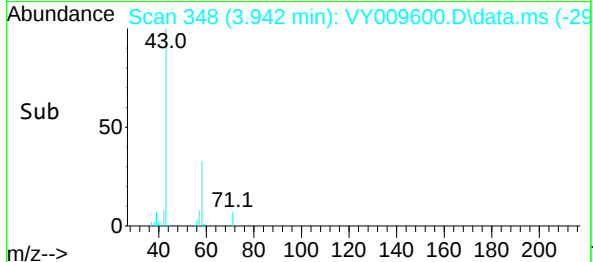
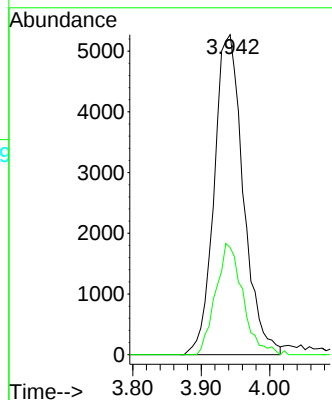
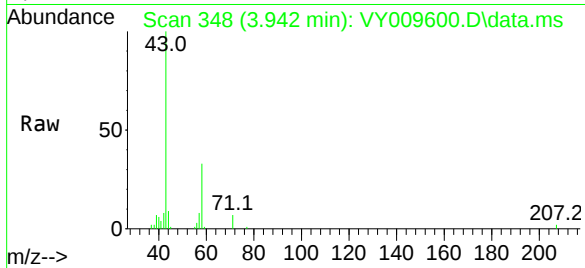




#16
Acetone
Concen: 24.590 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

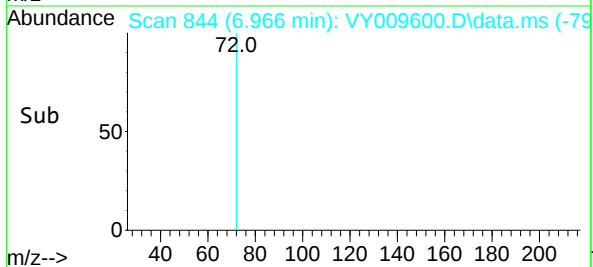
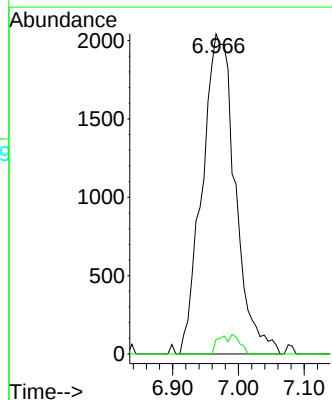
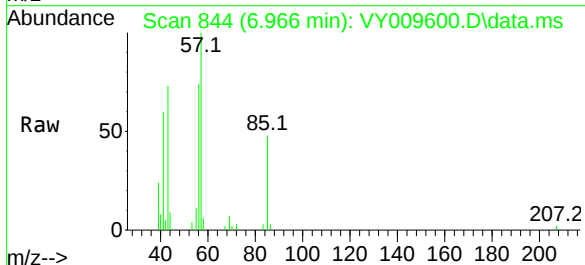
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

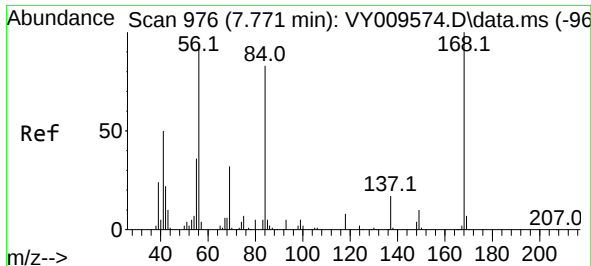
Tgt Ion: 43 Resp: 15554
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#



#25
2-Butanone
Concen: 7.741 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

Tgt Ion: 43 Resp: 7142
Ion Ratio Lower Upper
43 100
72 4.6 17.7 26.5#

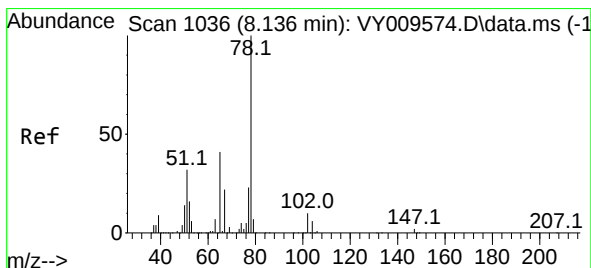
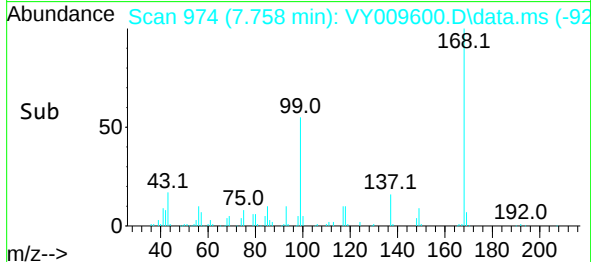
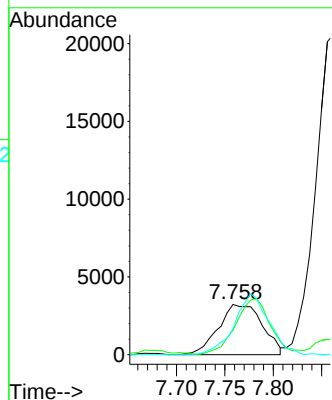
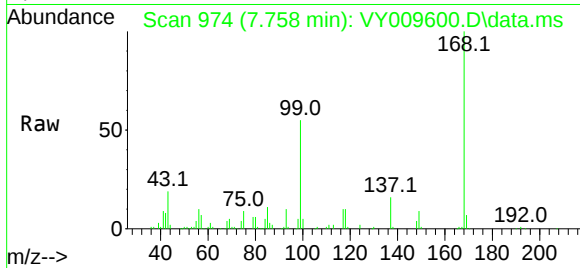




#31
Cyclohexane
Concen: 2.312 ug/l
RT: 7.758 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

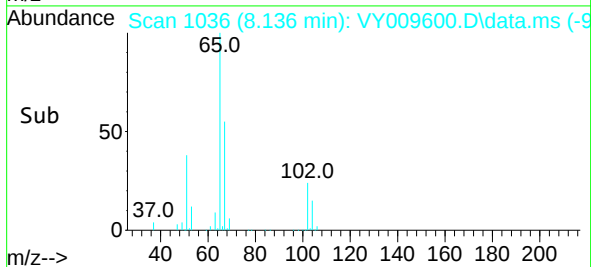
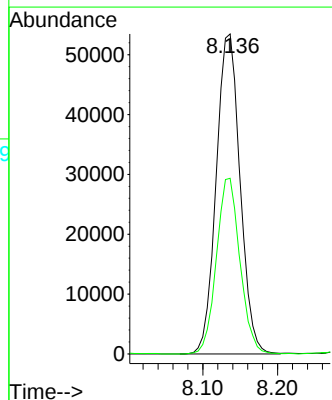
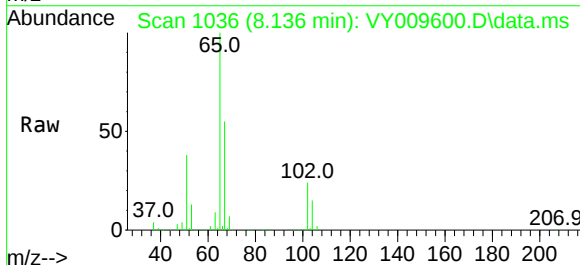
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

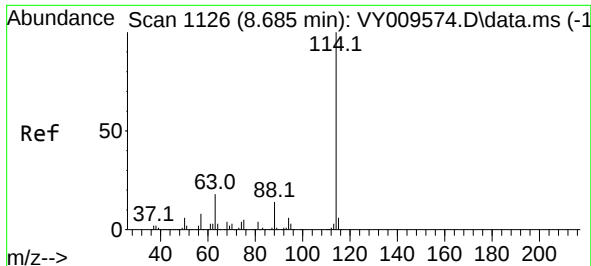
Tgt Ion: 56 Resp: 10194
Ion Ratio Lower Upper
56 100
69 44.1 26.7 40.1#
84 51.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.481 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

Tgt Ion: 65 Resp: 118724
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009600.D

Acq: 19 Jul 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

SED-7-(24-30)

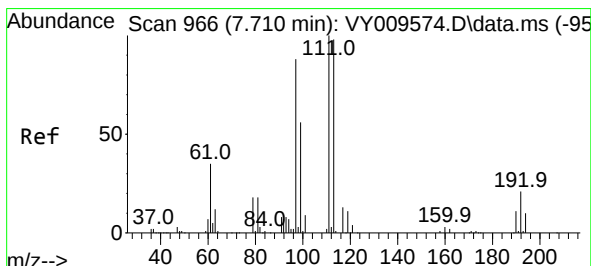
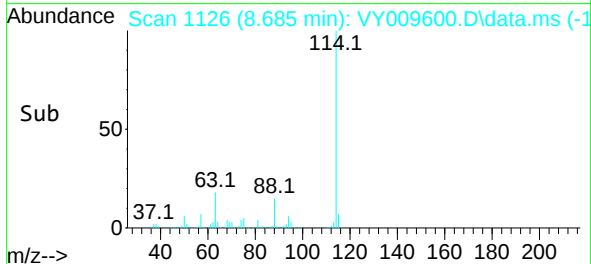
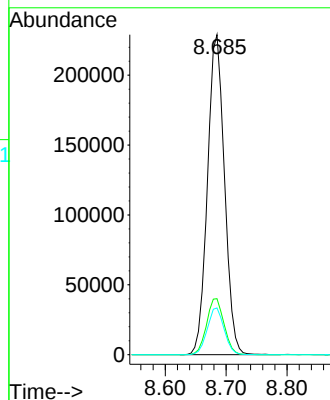
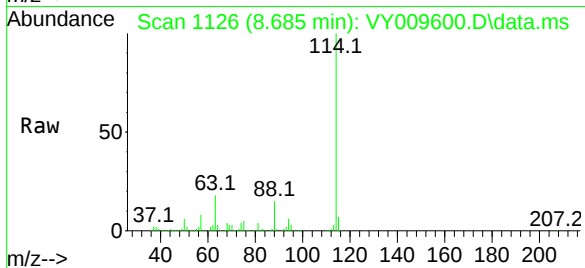
Tgt Ion:114 Resp: 444172

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.835 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009600.D

Acq: 19 Jul 2022 19:24

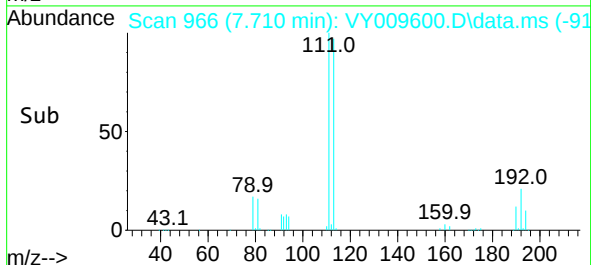
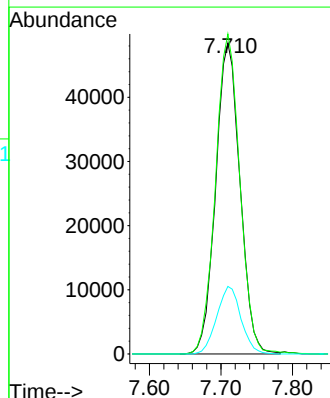
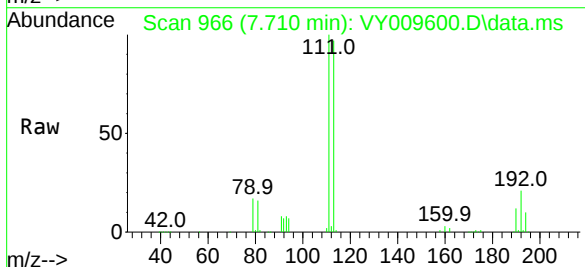
Tgt Ion:113 Resp: 114266

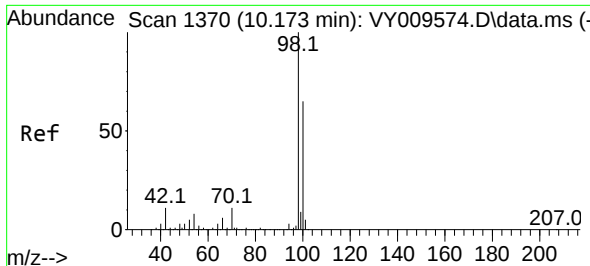
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.6 17.6 26.4

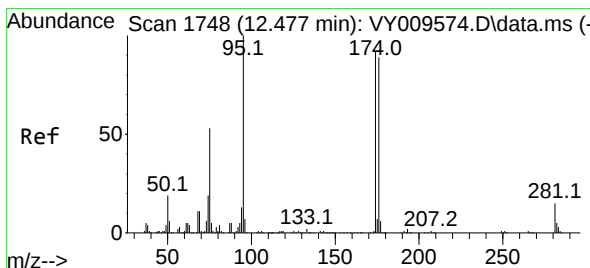
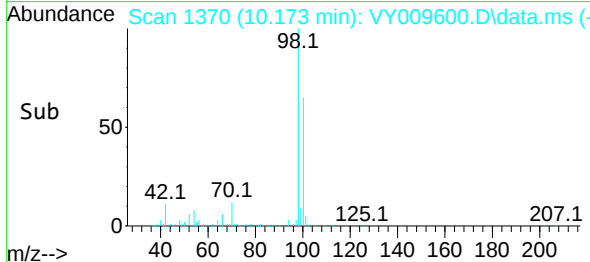
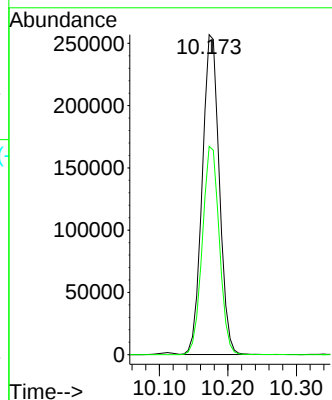
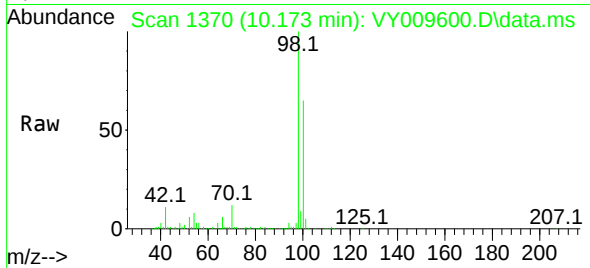




#50
Toluene-d8
Concen: 41.365 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

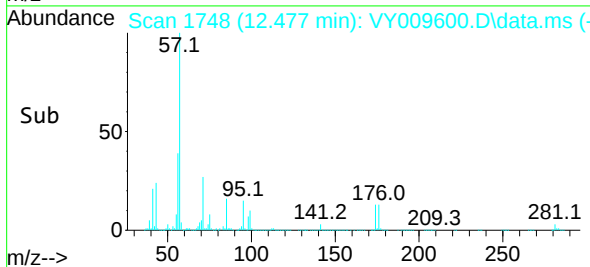
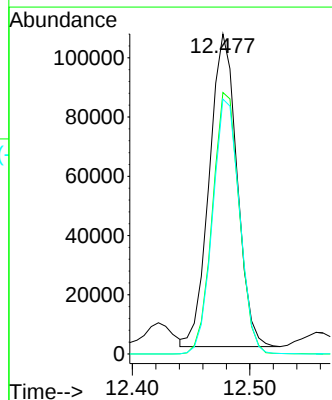
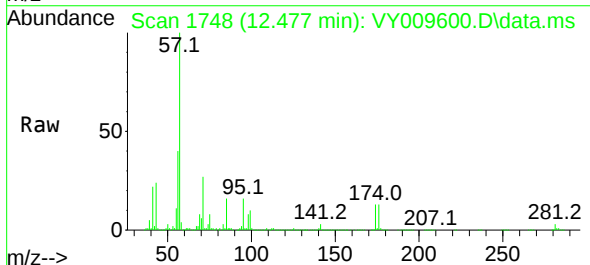
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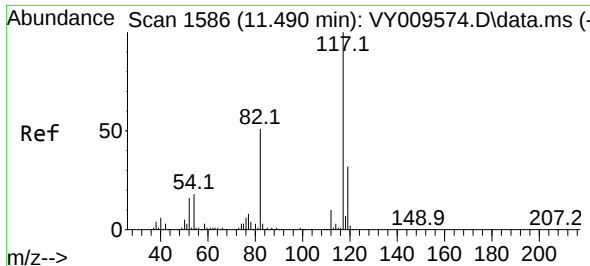
Tgt Ion: 98 Resp: 444978
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.628 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

Tgt Ion: 95 Resp: 172989
Ion Ratio Lower Upper
95 100
174 80.9 0.0 177.0
176 79.2 0.0 175.8

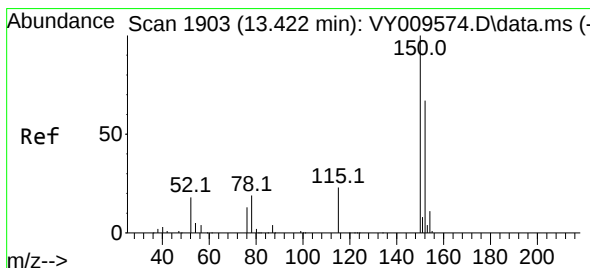
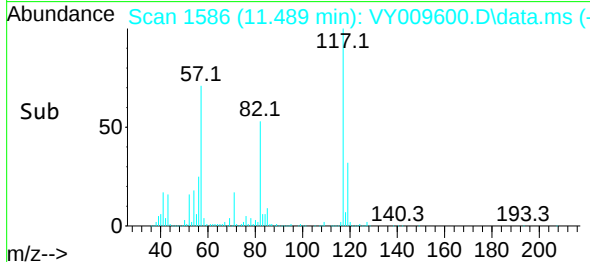
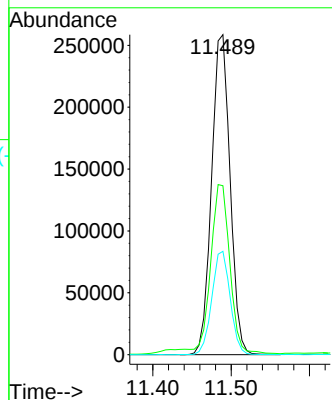
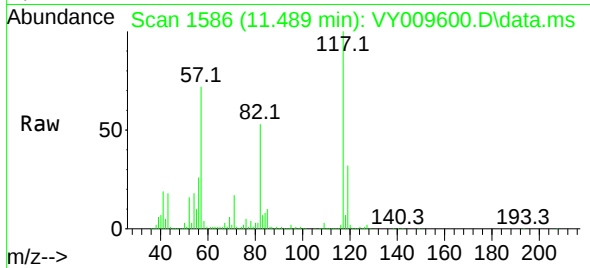




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009600.D
Acq: 19 Jul 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

Tgt Ion:117 Resp: 423715
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.3 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: VY009600.D
Acq: 19 Jul 2022 19:24

Tgt Ion:152 Resp: 205415
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 150.8 0.0 347.6

