

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014884.D
 Acq On : 27 Jul 2023 15:55
 Operator : SY/MD
 Sample : 03756-06
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-10-GRAB-20-(4-5)

Quant Time: Jul 28 02:38:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

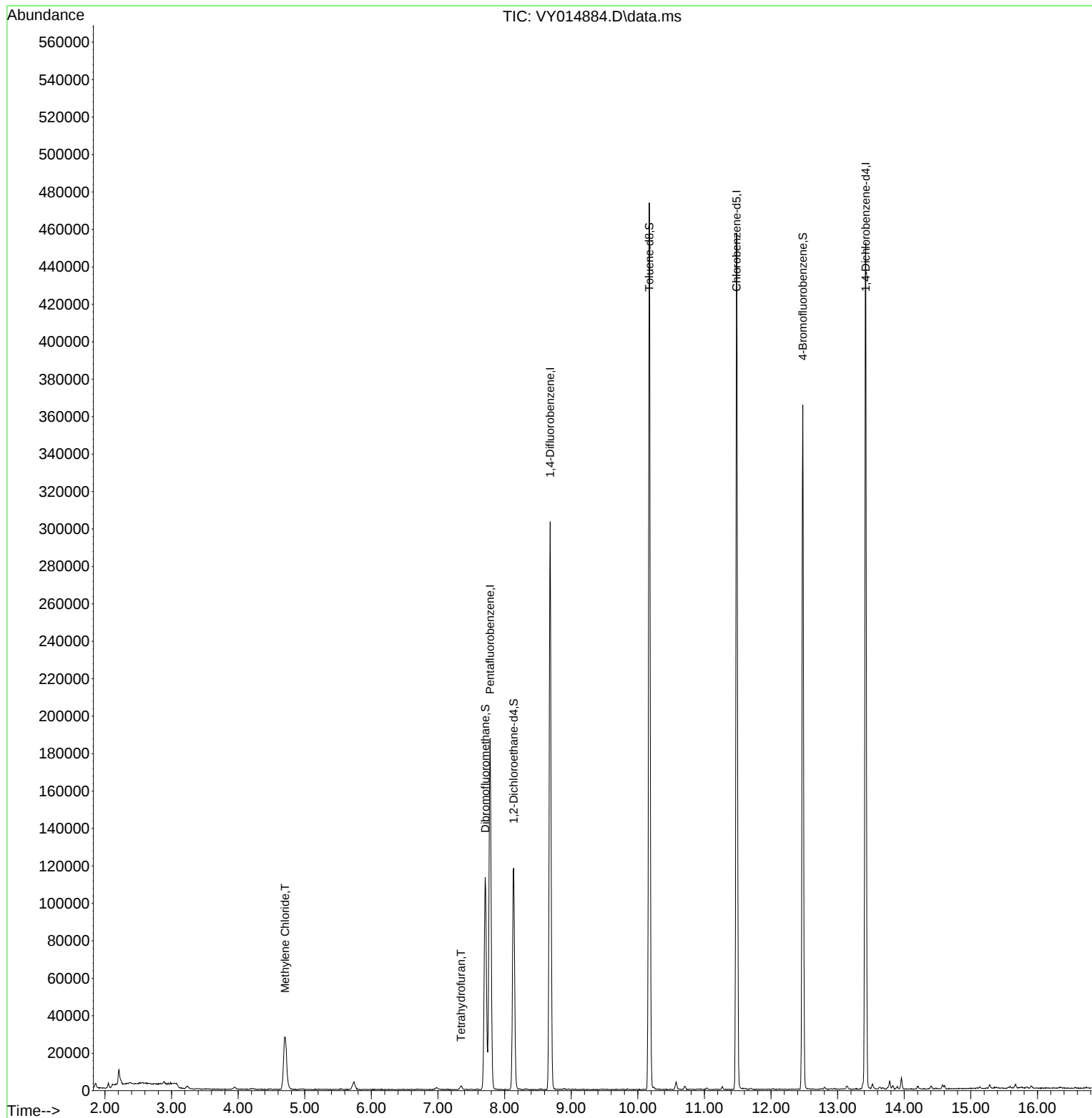
Internal Standards						
1) Pentafluorobenzene	7.783	168	144458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	253043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	243836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91570	55.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.710	113	78955	49.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.173	98	299521	50.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.477	95	109364	48.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.060%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	22087	9.624	ug/l	89
29) Tetrahydrofuran	7.344	42	1380	2.937	ug/l	93

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

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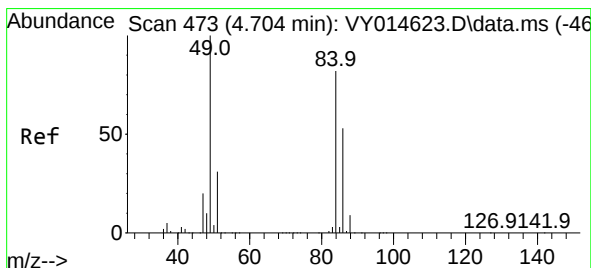
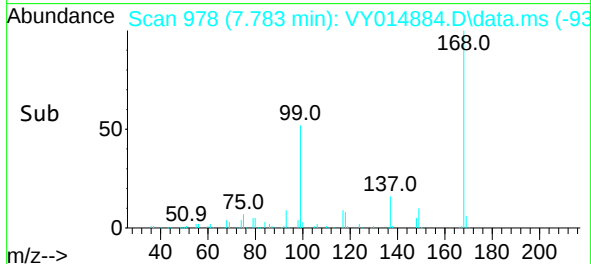
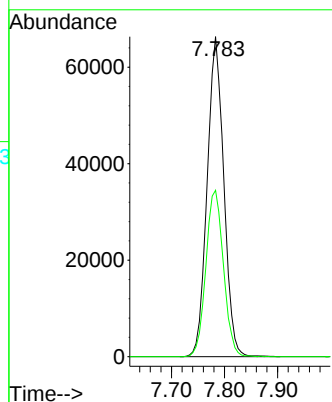
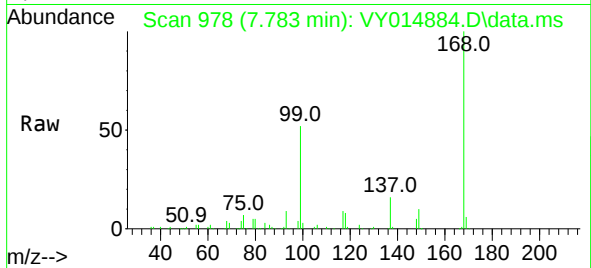




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

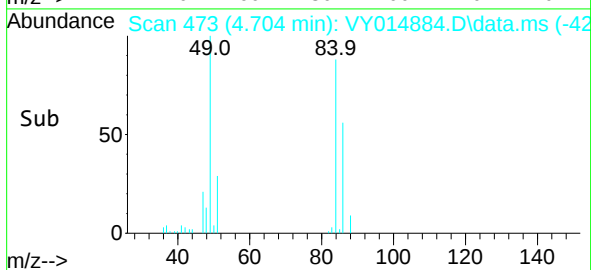
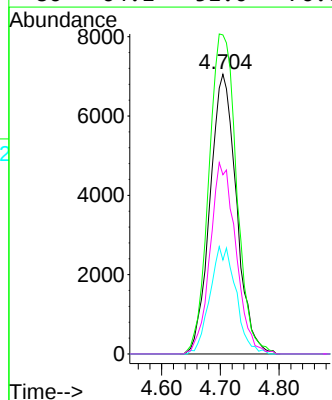
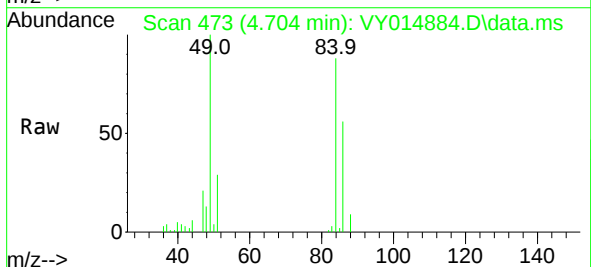
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-10-GRAB-20-(4-5)

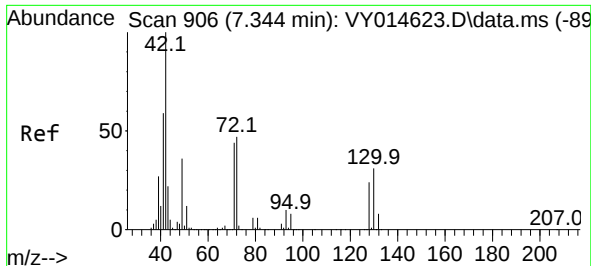
Tgt Ion:168 Resp: 144458
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#20
Methylene Chloride
Concen: 9.624 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Tgt Ion: 84 Resp: 22087
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 33.6 33.2 49.8
86 64.1 51.0 76.6





#29

Tetrahydrofuran

Concen: 2.937 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014884.D

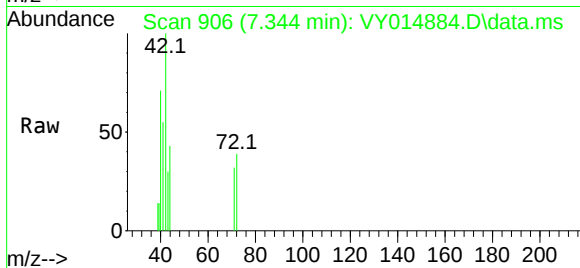
Acq: 27 Jul 2023 15:55

Instrument :

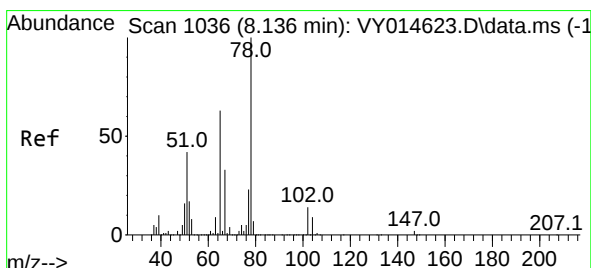
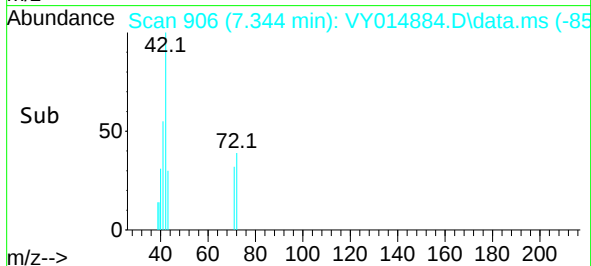
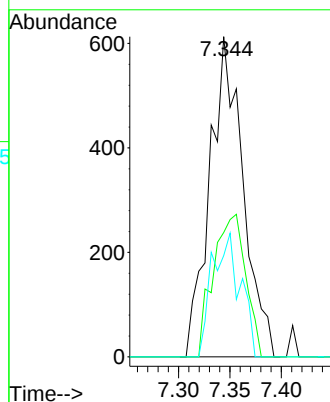
MSVOA_Y

ClientSampleId :

RPTP-10-GRAB-20-(4-5)



Tgt Ion:	42	Resp:	1380
Ion	Ratio	Lower	Upper
42	100		
72	43.3	32.8	49.2
71	32.6	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 55.627 ug/l

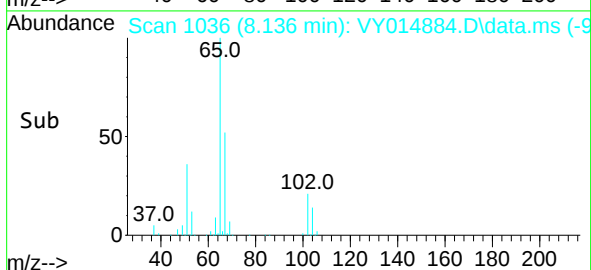
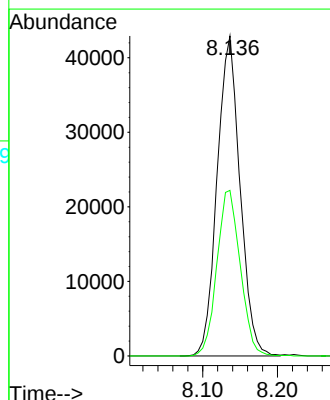
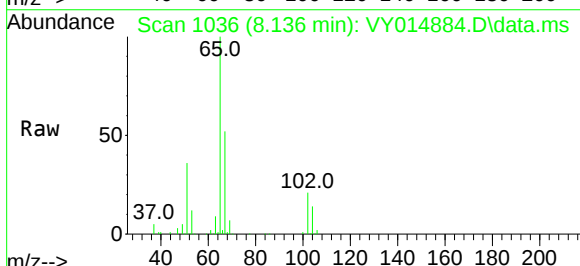
RT: 8.136 min Scan# 1036

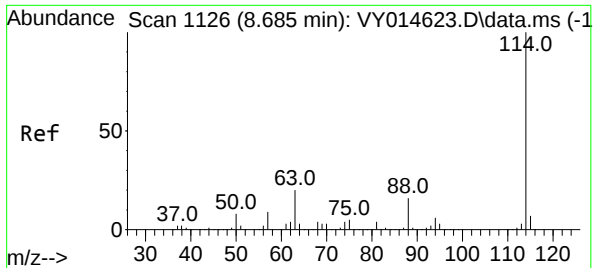
Delta R.T. 0.000 min

Lab File: VY014884.D

Acq: 27 Jul 2023 15:55

Tgt Ion:	65	Resp:	91570
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	101.8

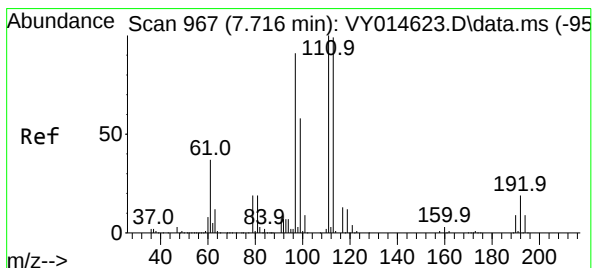
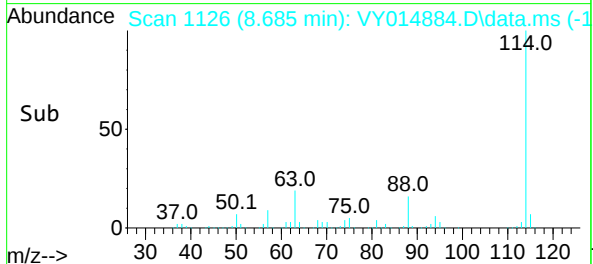
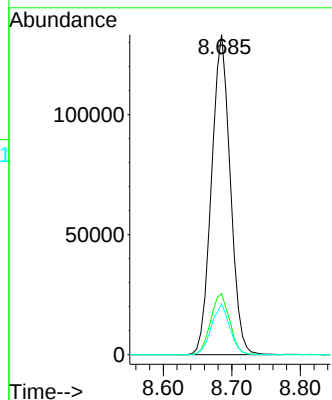
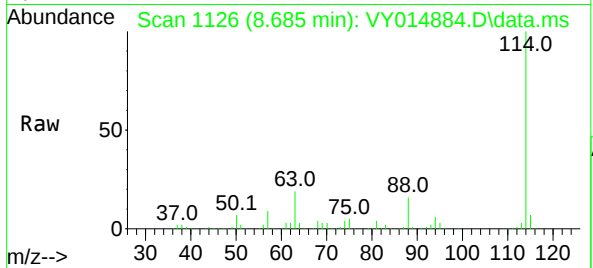




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

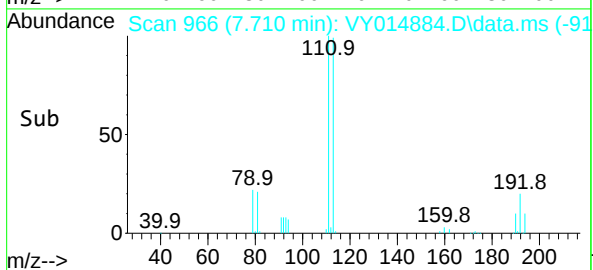
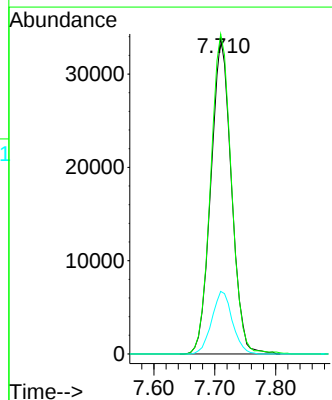
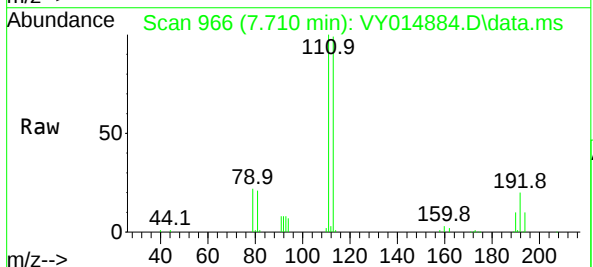
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-10-GRAB-20-(4-5)

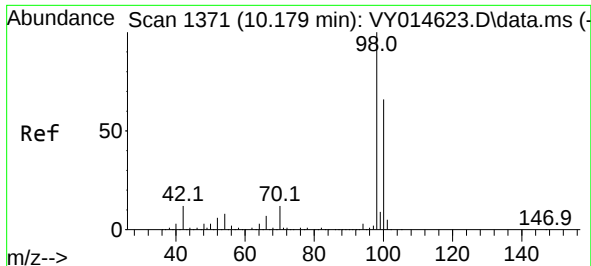
Tgt Ion:	114	Resp:	253043
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.4
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.016 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Tgt Ion:	113	Resp:	78955
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	19.9	16.9	25.3

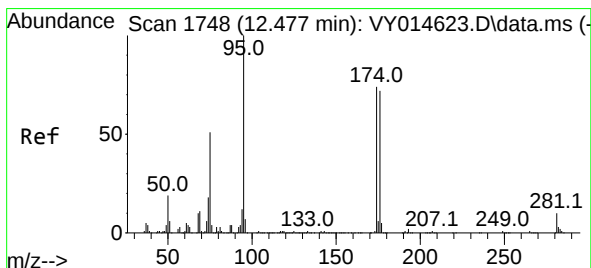
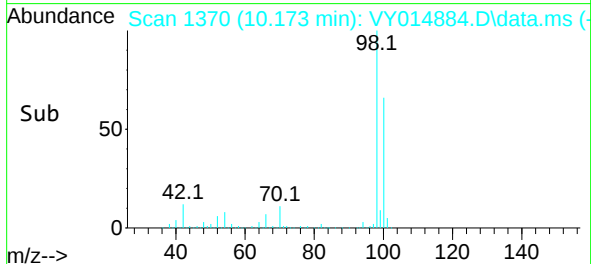
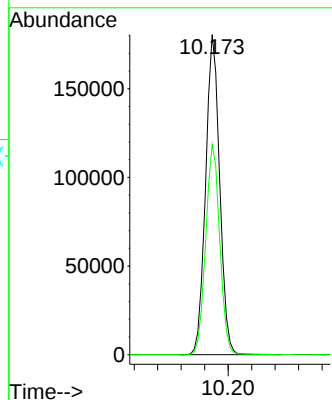
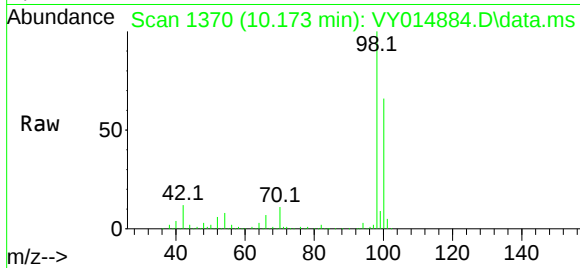




#50
Toluene-d8
Concen: 50.435 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

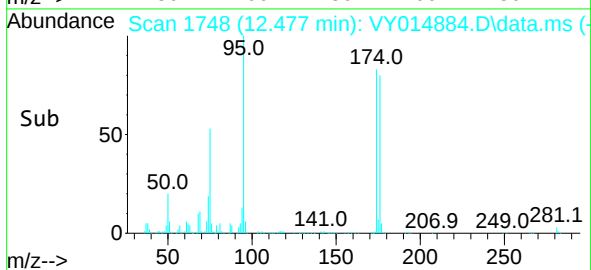
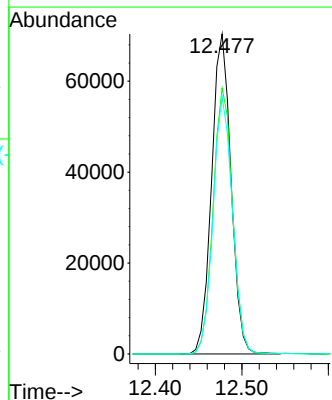
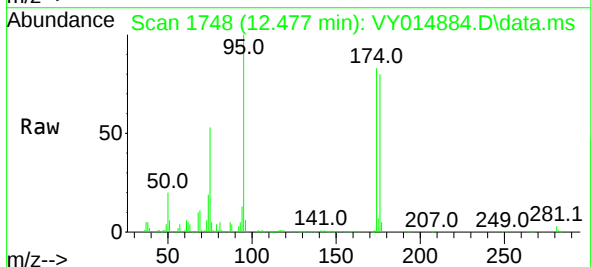
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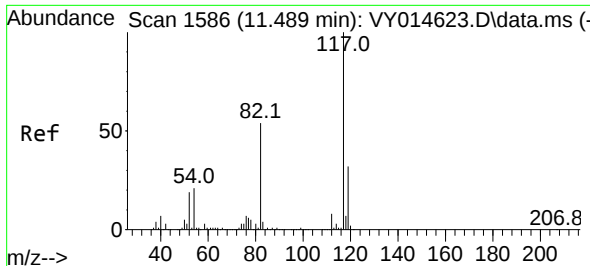
Tgt Ion: 98 Resp: 299521
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.027 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Tgt Ion: 95 Resp: 109364
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.5 0.0 173.8

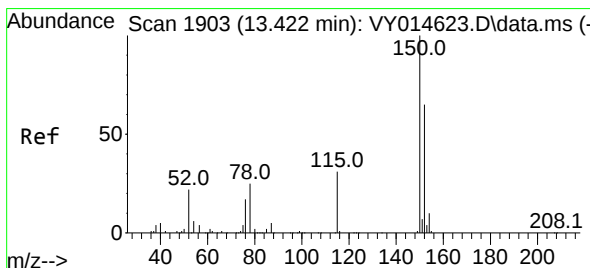
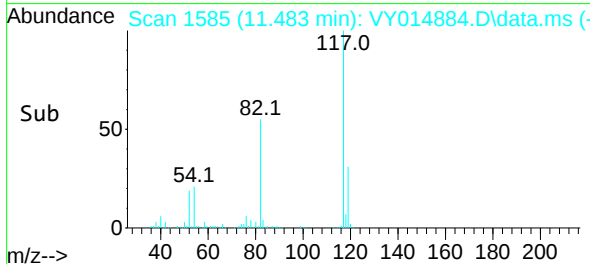
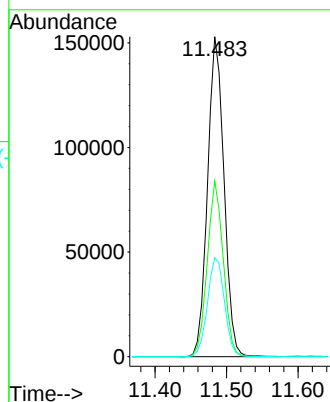
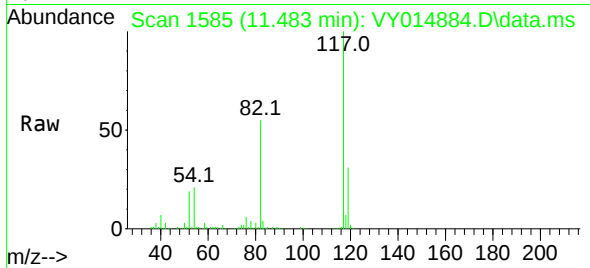




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-10-GRAB-20-(4-5)

Tgt Ion:117 Resp: 243836
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 30.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Tgt Ion:152 Resp: 115308
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 156.3 0.0 348.8

