

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014727.D
 Acq On : 20 Jul 2023 17:39
 Operator : SY/MD
 Sample : 03681-02
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-1-GRAB-3

Quant Time: Jul 21 01:33:49 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)

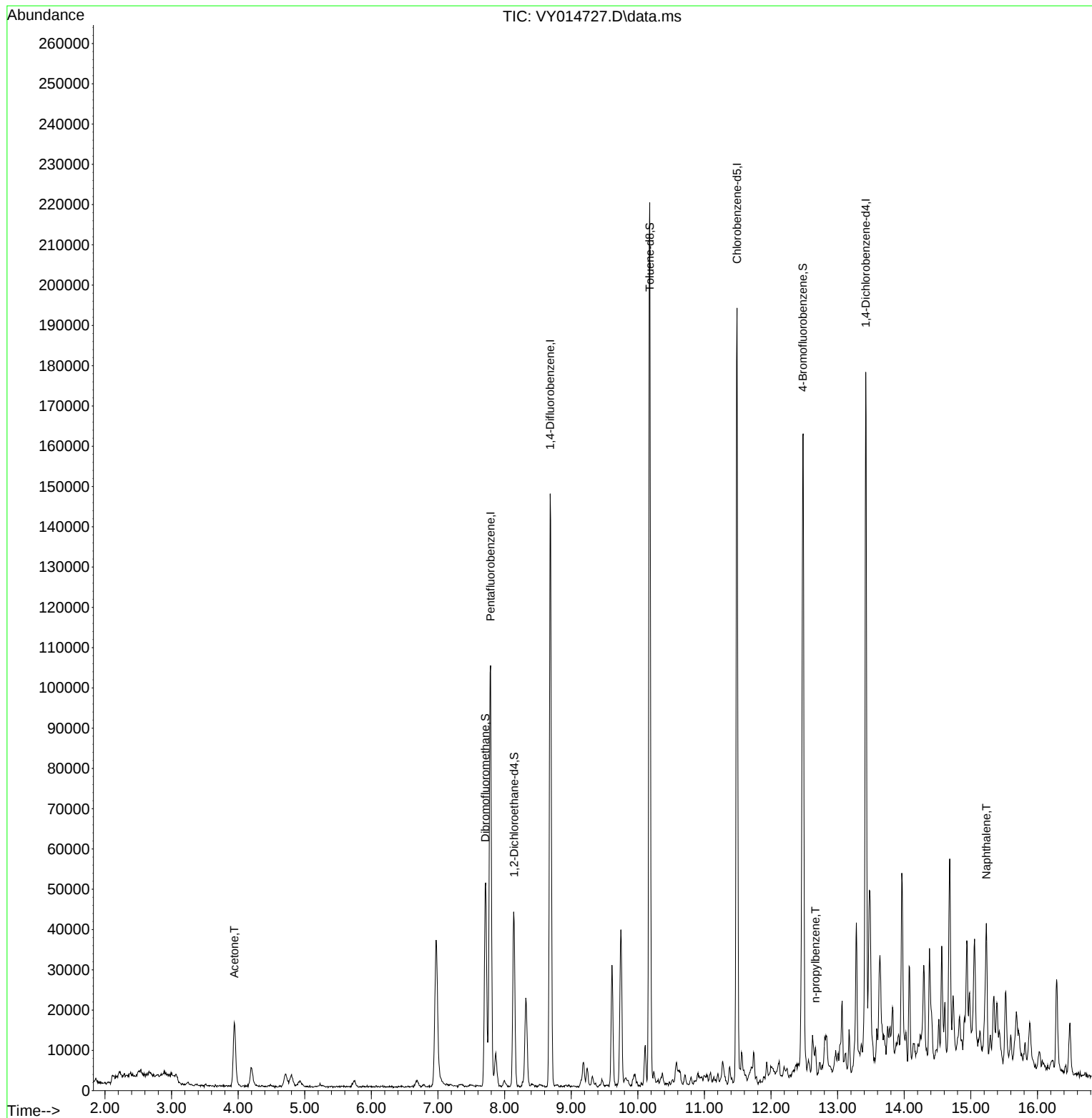
Internal Standards						
1) Pentafluorobenzene	7.789	168	82043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	103727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	34568	36.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.940%
35) Dibromofluoromethane	7.710	113	36042	44.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.179	98	145673	49.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.477	95	46367	40.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.480%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	27436	92.607	ug/l	99
78) n-propylbenzene	12.666	91	4396	1.053	ug/l	96
95) Naphthalene	15.233	128	22761	10.916	ug/l	99

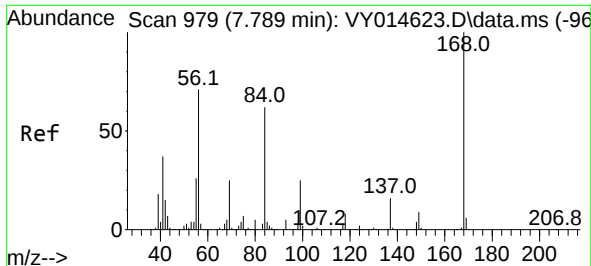
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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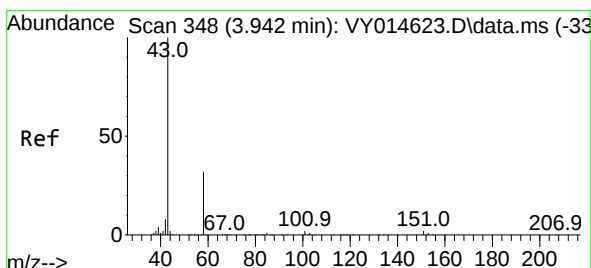
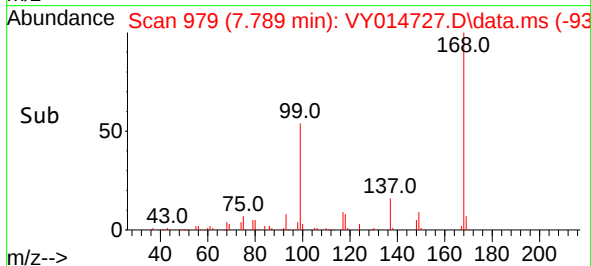
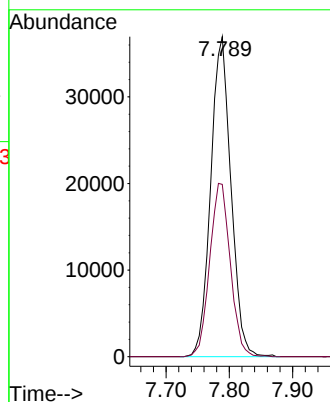
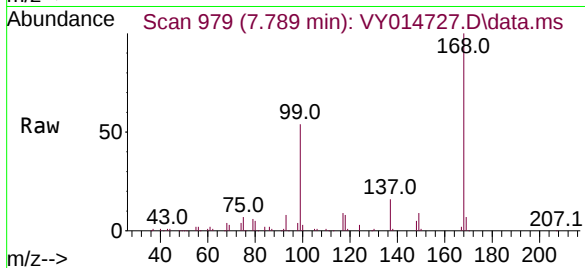




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

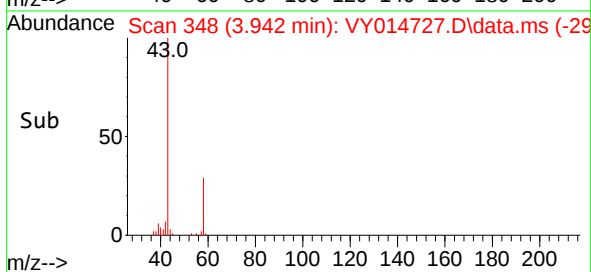
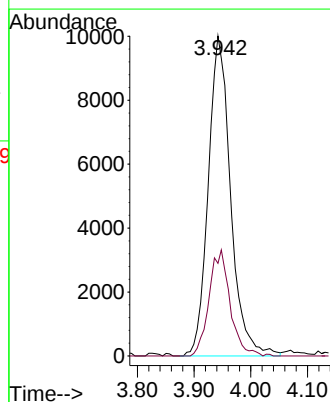
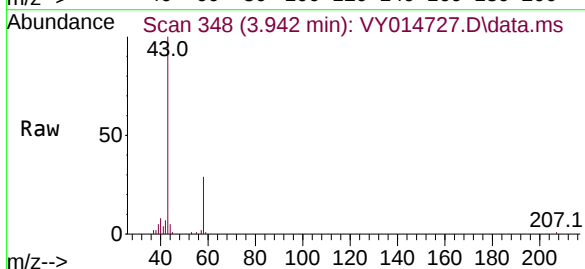
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

Tgt Ion:168 Resp: 82043
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 92.607 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

Tgt Ion: 43 Resp: 27436
Ion Ratio Lower Upper
43 100
58 29.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 36.975 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014727.D

Acq: 20 Jul 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

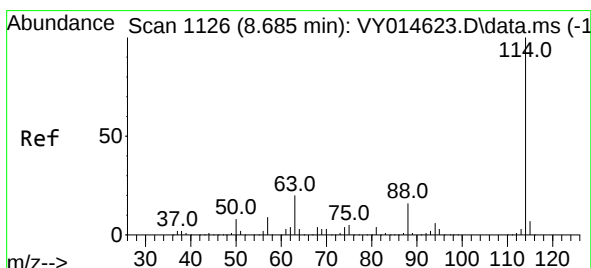
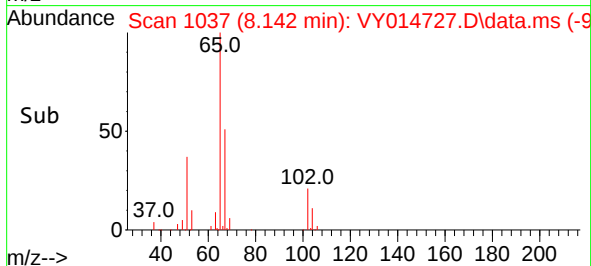
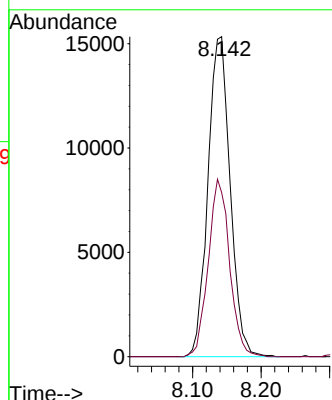
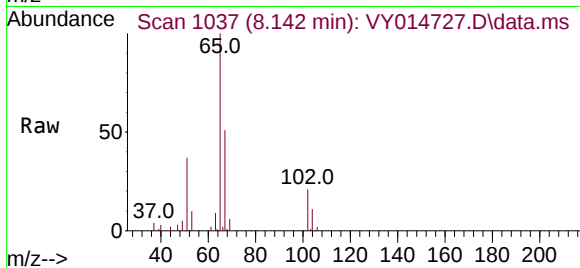
RPTP-1-GRAB-3

Tgt Ion: 65 Resp: 34568

Ion Ratio Lower Upper

65 100

67 53.2 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: VY014727.D

Acq: 20 Jul 2023 17:39

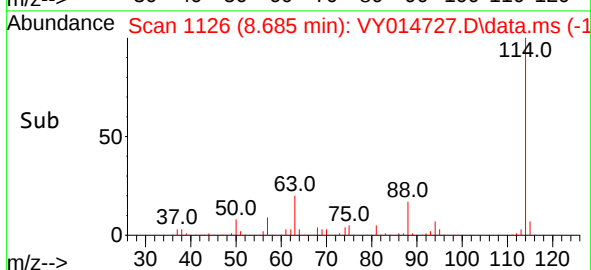
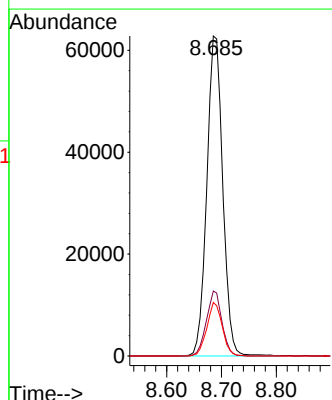
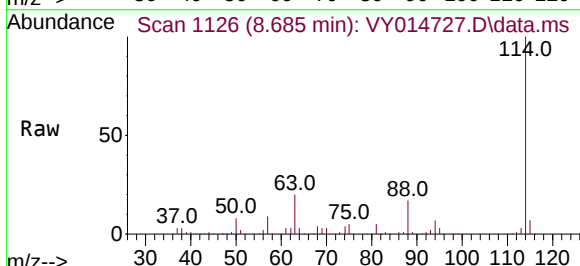
Tgt Ion:114 Resp: 126462

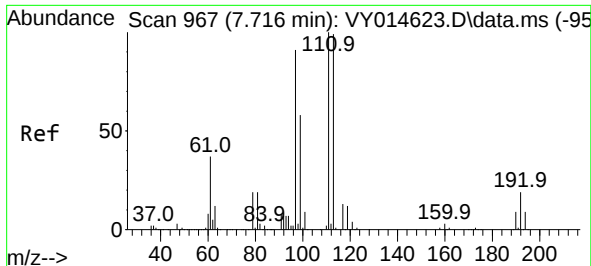
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 16.7 0.0 30.6

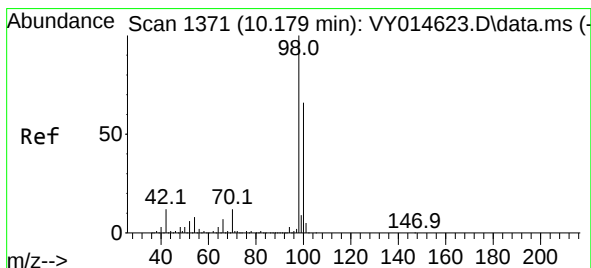
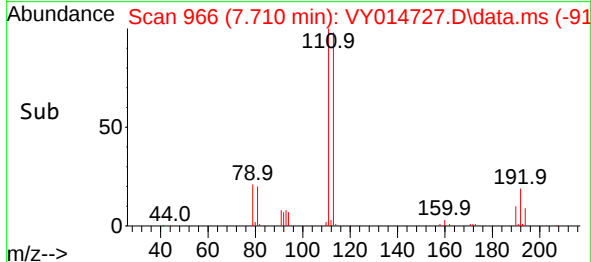
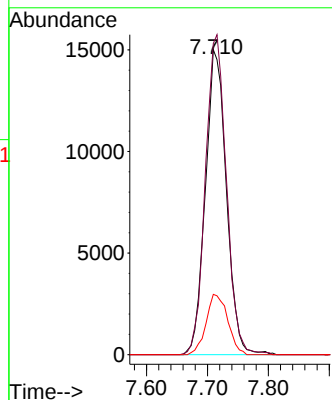
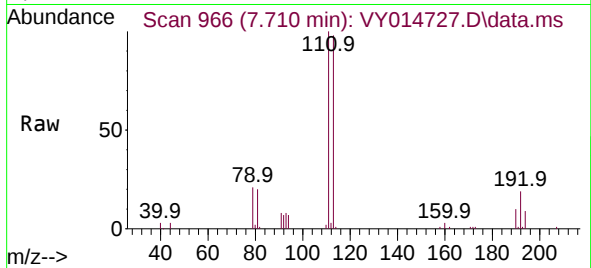




#35
Dibromofluoromethane
Concen: 44.771 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

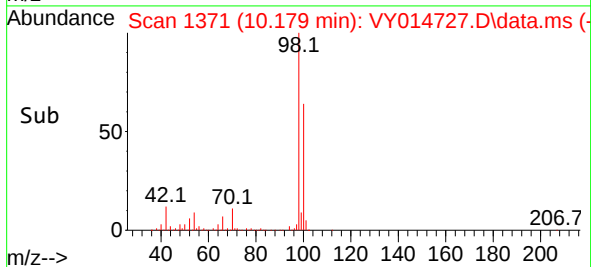
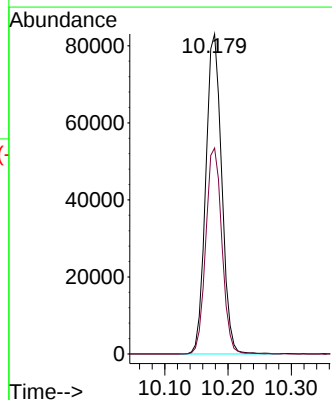
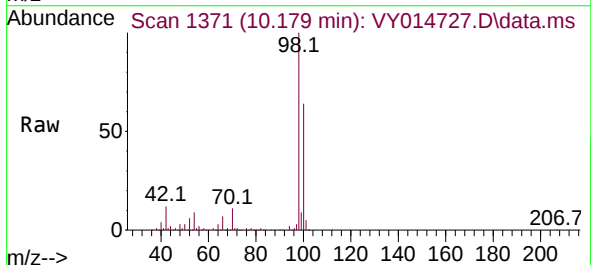
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

Tgt Ion:113 Resp: 36042
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 20.3 16.9 25.3



#50
Toluene-d8
Concen: 49.082 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

Tgt Ion: 98 Resp: 145673
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

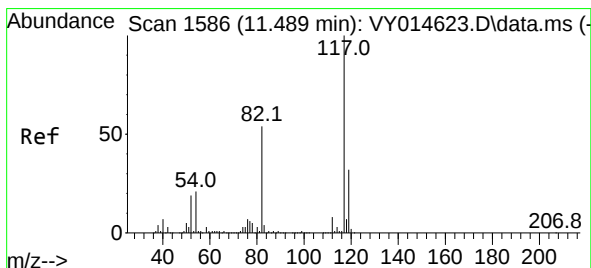
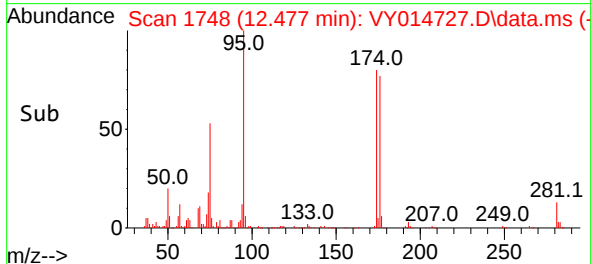
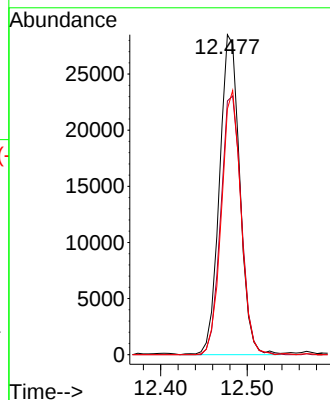
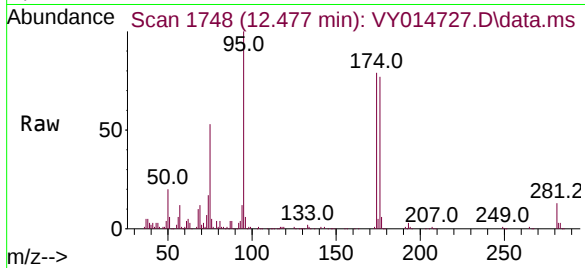




#62
4-Bromofluorobenzene
Concen: 40.743 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

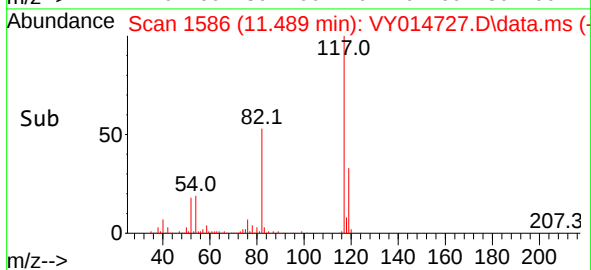
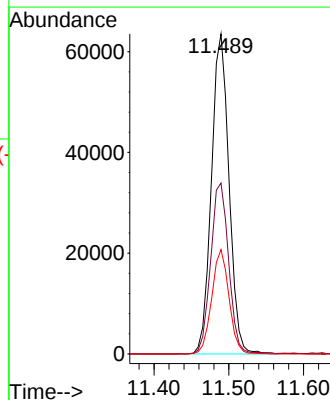
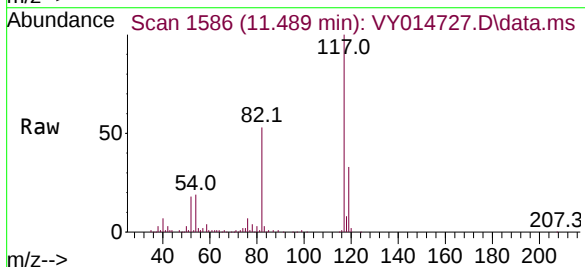
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

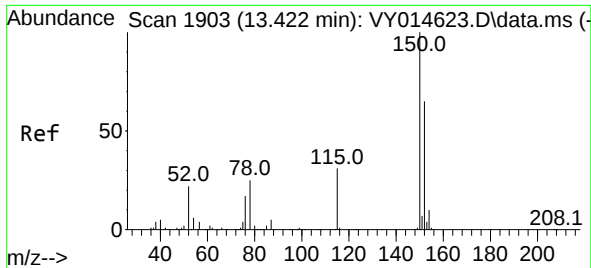
Tgt Ion: 95 Resp: 46367
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.2
176 79.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

Tgt Ion: 117 Resp: 103727
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.6 26.3 39.5

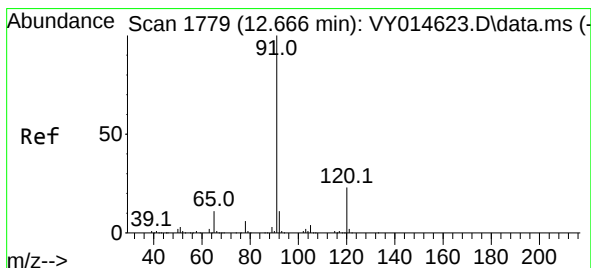
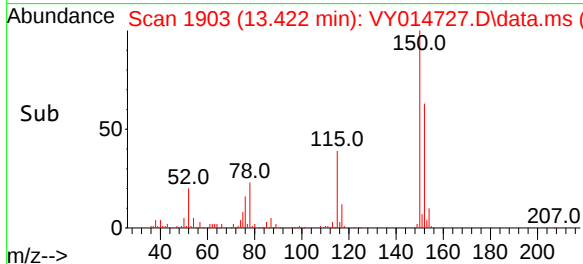
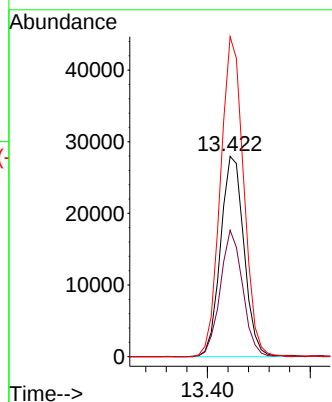
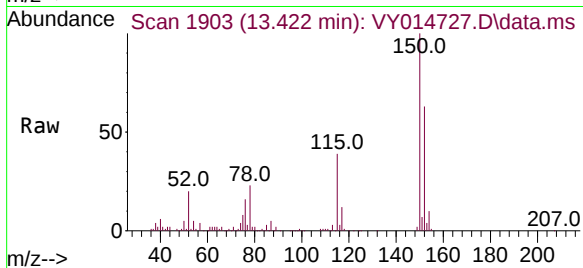




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

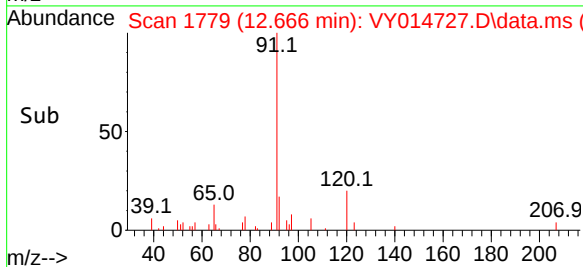
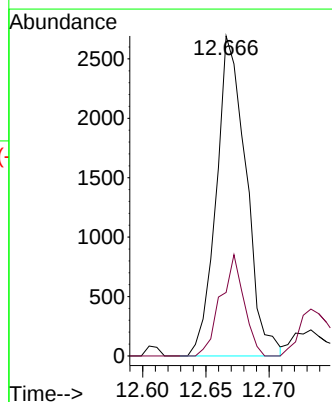
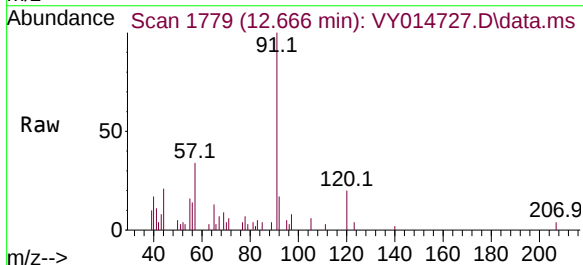
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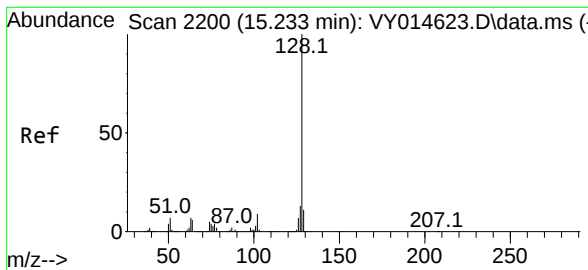
Tgt Ion:152 Resp: 44236
Ion Ratio Lower Upper
152 100
115 60.5 28.8 86.5
150 158.0 0.0 348.8



#78
n-propylbenzene
Concen: 1.053 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

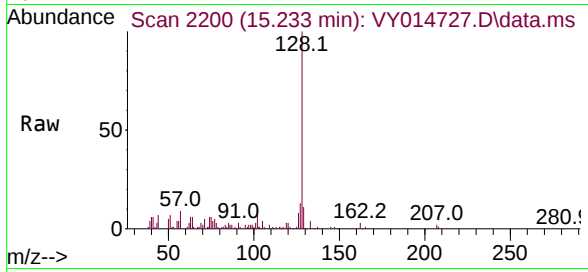
Tgt Ion: 91 Resp: 4396
Ion Ratio Lower Upper
91 100
120 24.8 11.5 34.4





#95
Naphthalene
Concen: 10.916 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014727.D
Acq: 20 Jul 2023 17:39

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3



Tgt Ion:	128	Resp:	22761
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.6	8.6	13.0

