

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014729.D
 Acq On : 20 Jul 2023 18:26
 Operator : SY/MD
 Sample : 03681-05
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-2-GRAB-1

Quant Time: Jul 21 01:34:33 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)

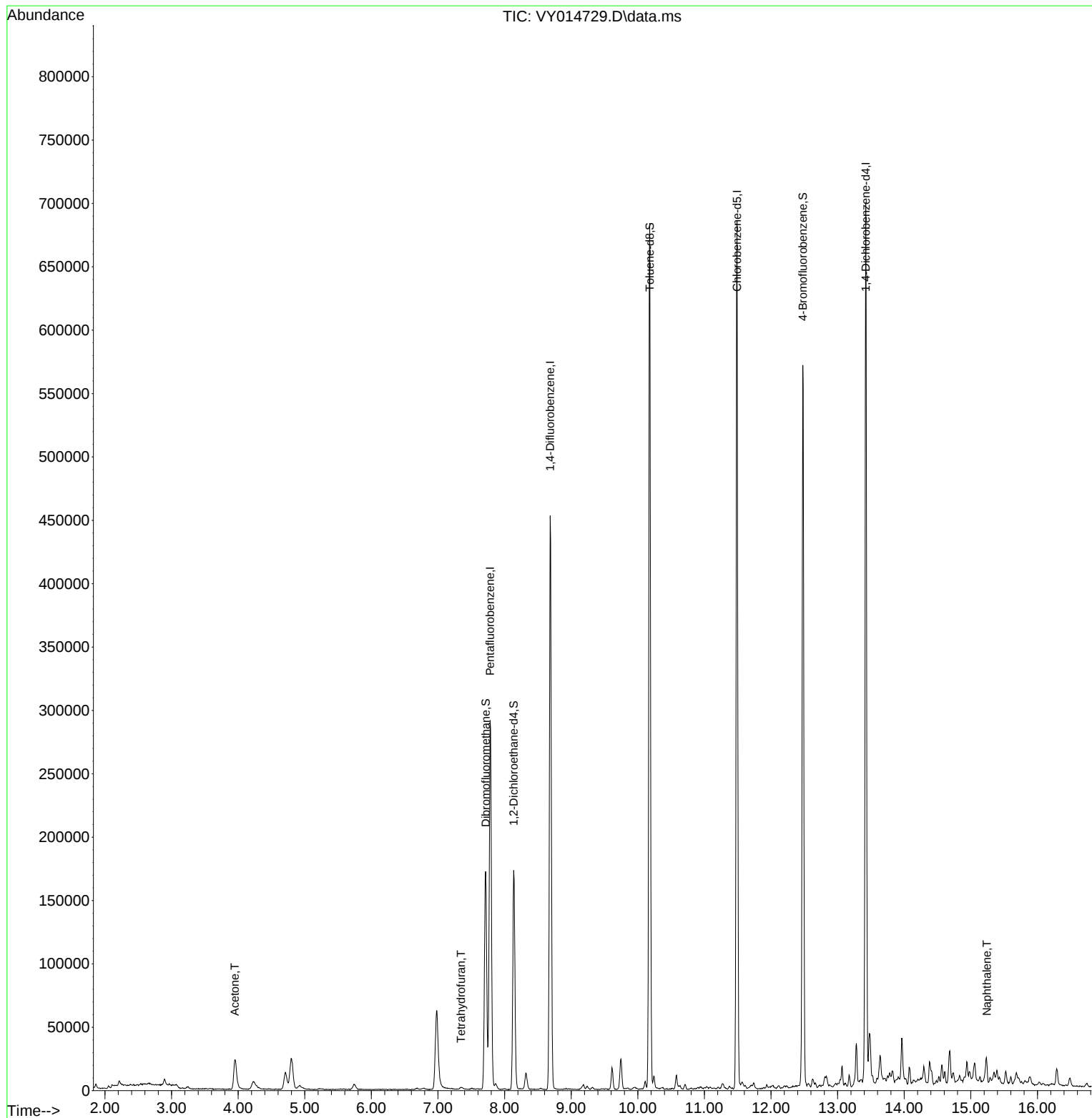
Internal Standards						
1) Pentafluorobenzene	7.782	168	231978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	395626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135871	51.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.800%
35) Dibromofluoromethane	7.715	113	123820	49.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.178	98	460999	49.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.477	95	177432	49.837	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.680%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	47475	56.674	ug/l	97
29) Tetrahydrofuran	7.344	42	1354	1.794	ug/l #	73
95) Naphthalene	15.238	128	14149	1.674	ug/l #	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014729.D
Acq On : 20 Jul 2023 18:26
Operator : SY/MD
Sample : 03681-05
Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-2-GRAB-1

Quant Time: Jul 21 01:34:33 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

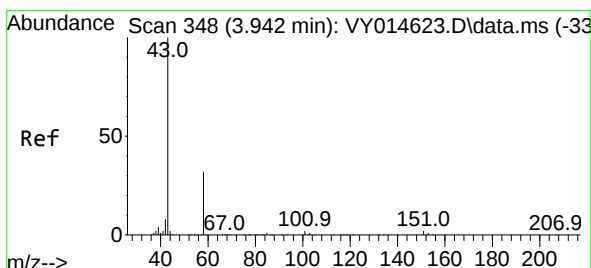
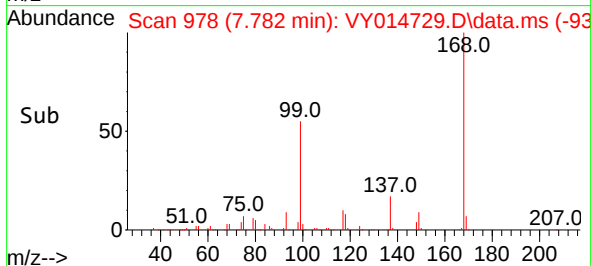
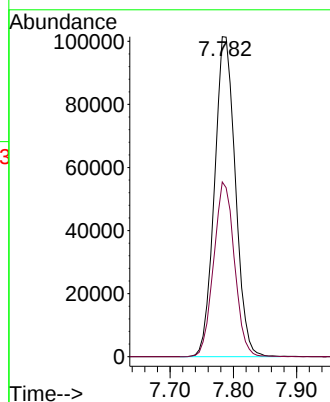
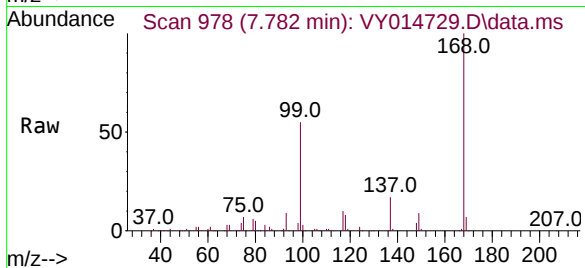




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014729.D
Acq: 20 Jul 2023 18:26

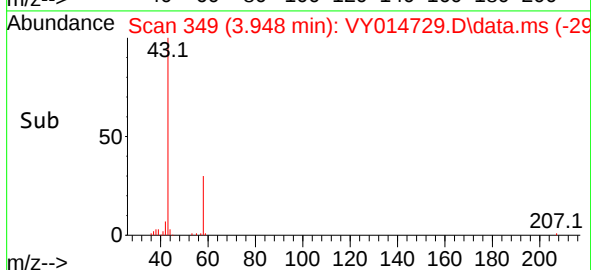
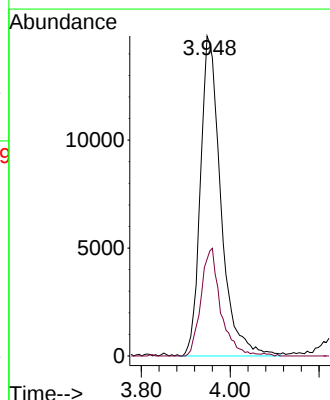
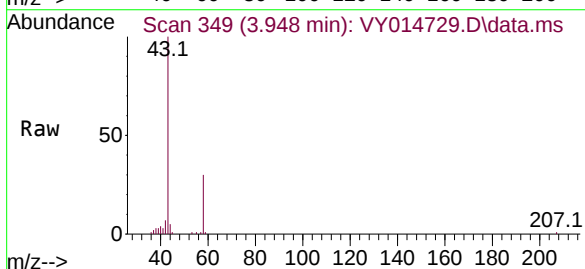
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-2-GRAB-1

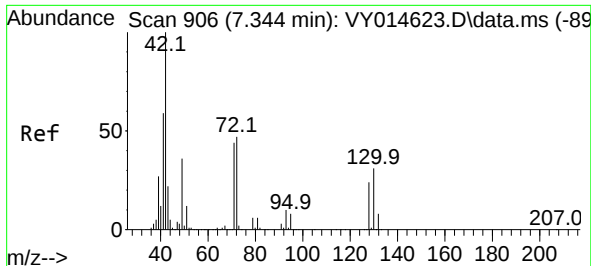
Tgt Ion:168 Resp: 231978
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 56.674 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014729.D
Acq: 20 Jul 2023 18:26

Tgt Ion: 43 Resp: 47475
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1





#29

Tetrahydrofuran

Concen: 1.794 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014729.D

Acq: 20 Jul 2023 18:26

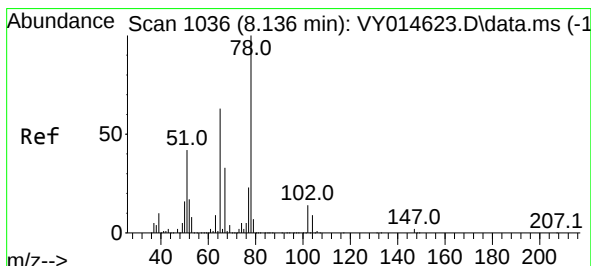
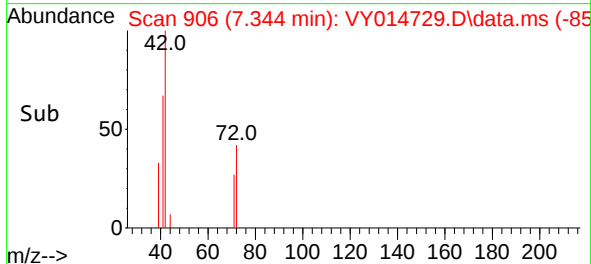
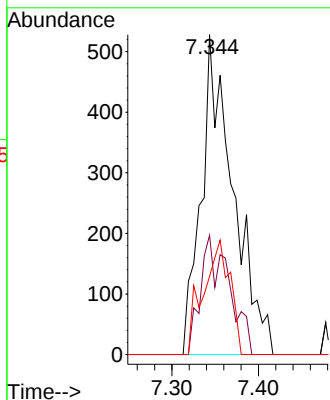
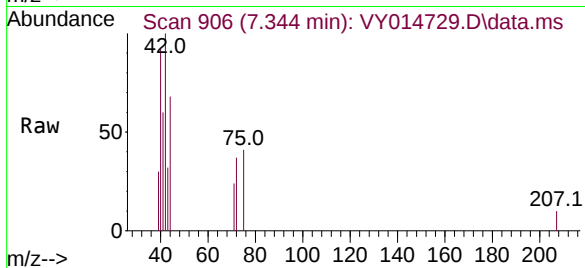
Instrument :

MSVOA_Y

ClientSampleId :

RPTP-2-GRAB-1

Tgt Ion:	42	Resp:	1354
Ion	Ratio	Lower	Upper
42	100		
72	16.6	32.8	49.2#
71	29.8	31.0	46.4#



#33

1,2-Dichloroethane-d4

Concen: 51.399 ug/l

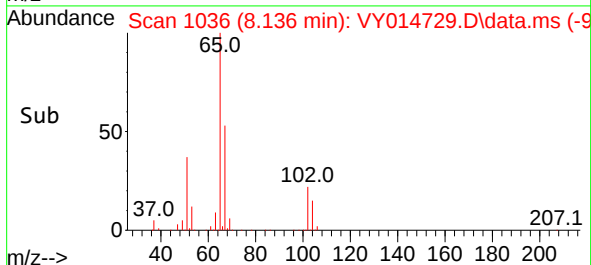
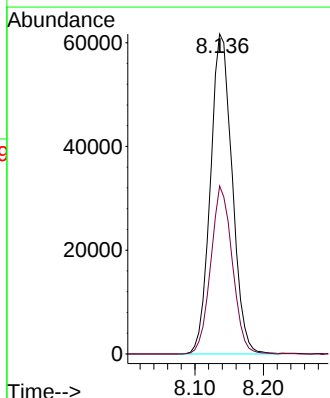
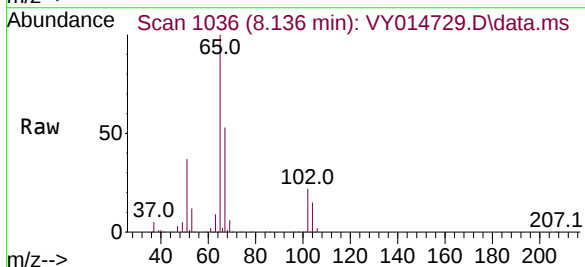
RT: 8.136 min Scan# 1036

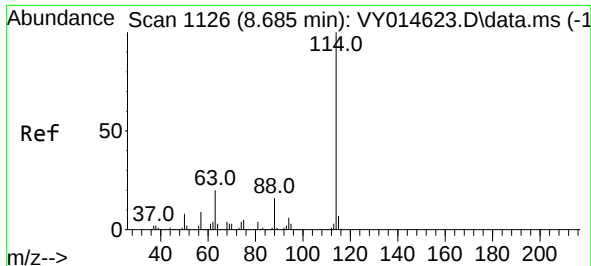
Delta R.T. 0.000 min

Lab File: VY014729.D

Acq: 20 Jul 2023 18:26

Tgt Ion:	65	Resp:	135871
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.8

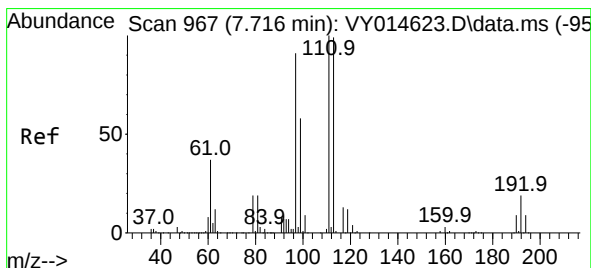
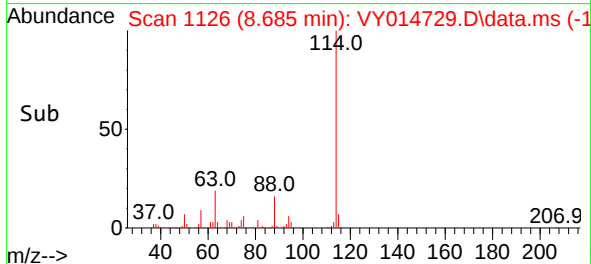
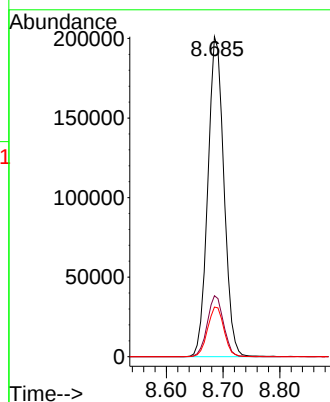
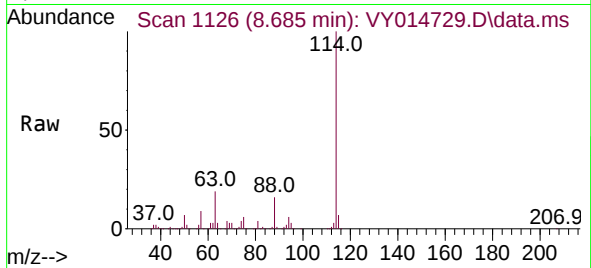




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014729.D
Acq: 20 Jul 2023 18:26

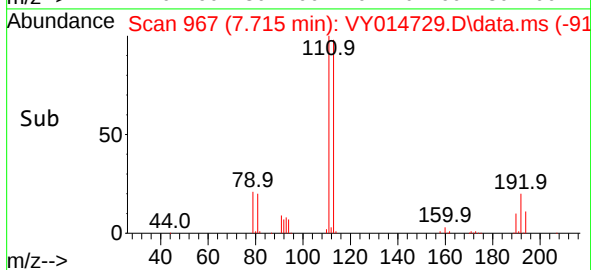
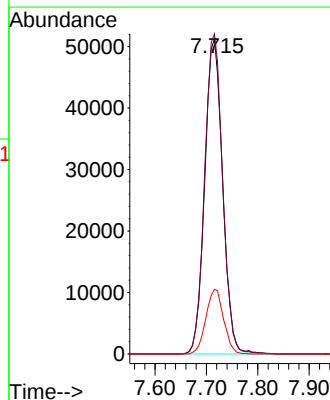
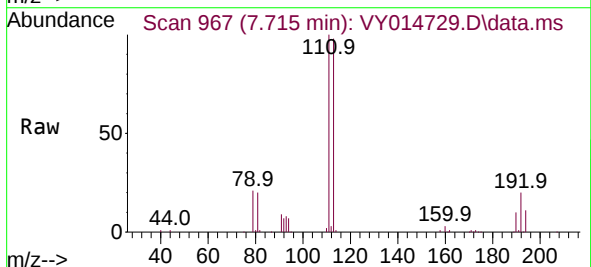
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-2-GRAB-1

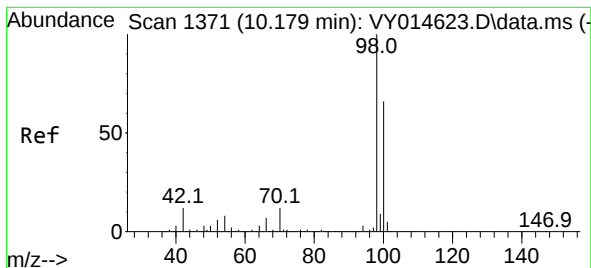
Tgt Ion:	114	Resp:	395626
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.4
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.165 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY014729.D
Acq: 20 Jul 2023 18:26

Tgt Ion:	113	Resp:	123820
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	20.3	16.9	25.3

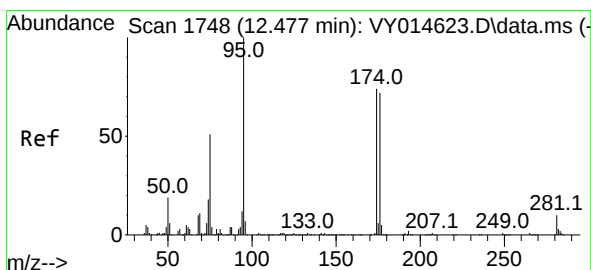
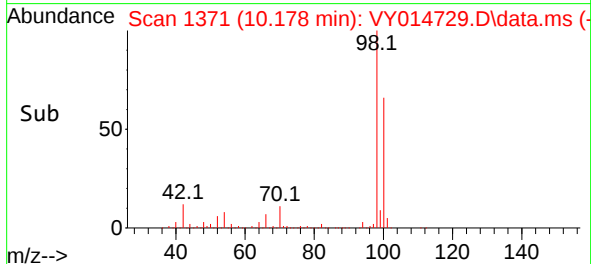
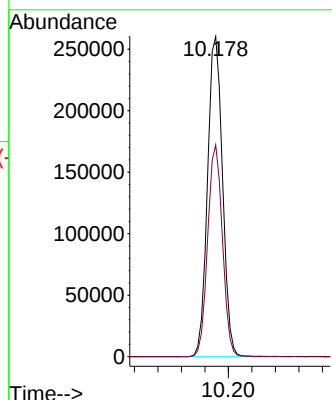
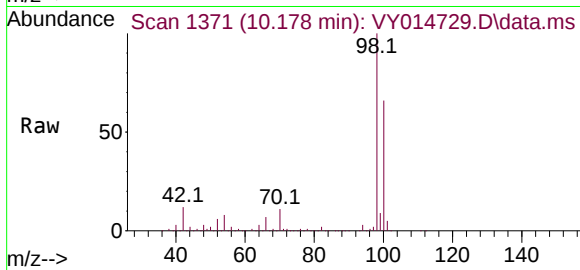




#50
Toluene-d8
Concen: 49.650 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014729.D
Acq: 20 Jul 2023 18:26

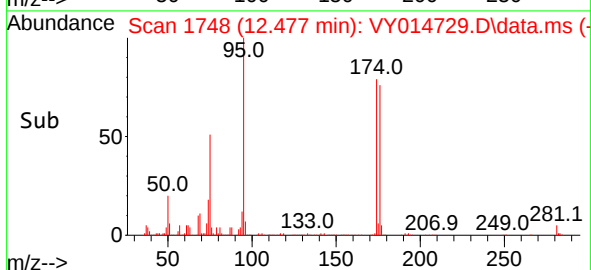
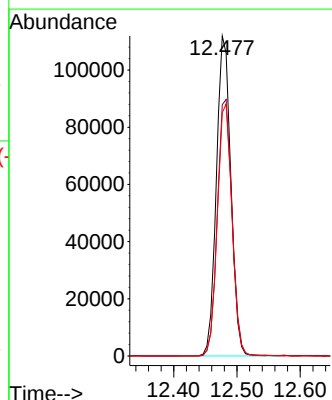
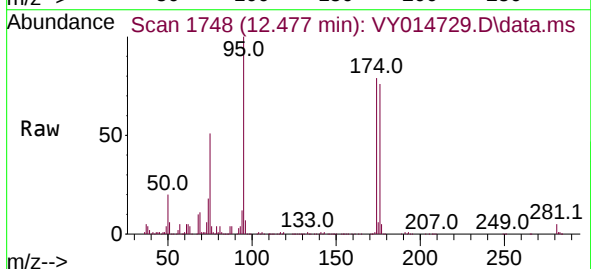
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-2-GRAB-1

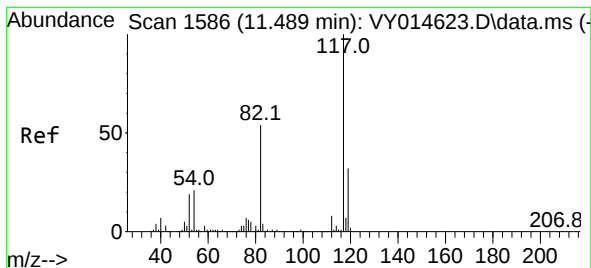
Tgt Ion: 98 Resp: 460999
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.837 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014729.D
Acq: 20 Jul 2023 18:26

Tgt Ion: 95 Resp: 177432
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 79.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014729.D

Acq: 20 Jul 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-2-GRAB-1

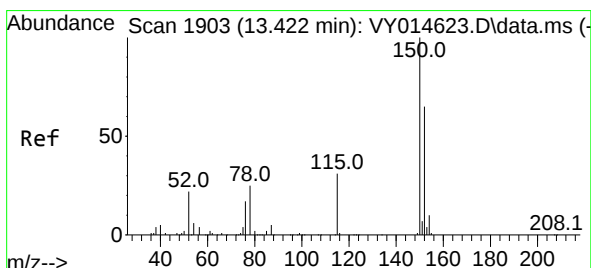
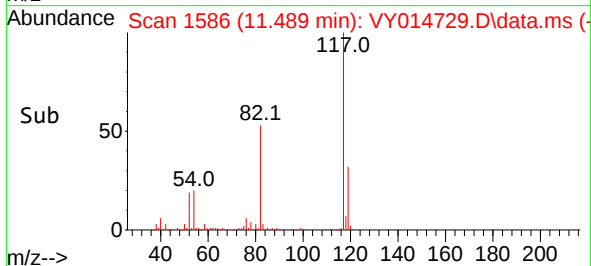
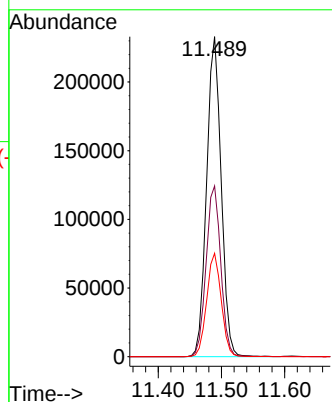
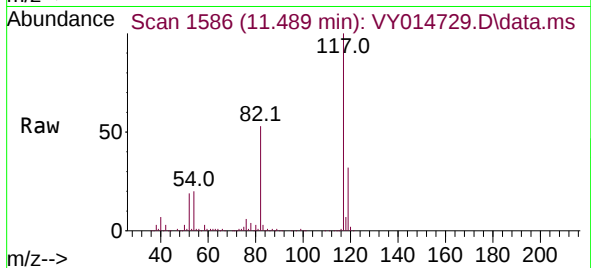
Tgt Ion:117 Resp: 373113

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.3 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: VY014729.D

Acq: 20 Jul 2023 18:26

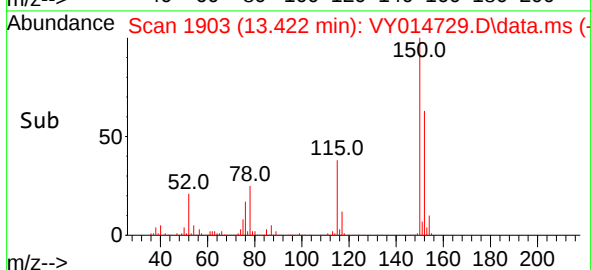
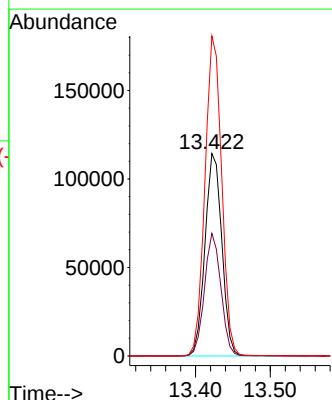
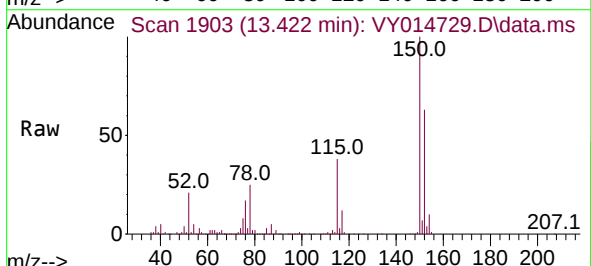
Tgt Ion:152 Resp: 179328

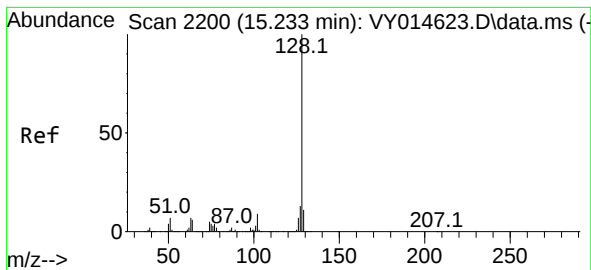
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 156.6 0.0 348.8





#95
 Naphthalene
 Concen: 1.674 ug/l
 RT: 15.238 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VY014729.D
 Acq: 20 Jul 2023 18:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-2-GRAB-1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	13.4	8.6	13.0

