

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013938.D
 Acq On : 31 May 2023 16:12
 Operator : KP/MD
 Sample : 02955-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB27

Quant Time: May 31 17:33:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

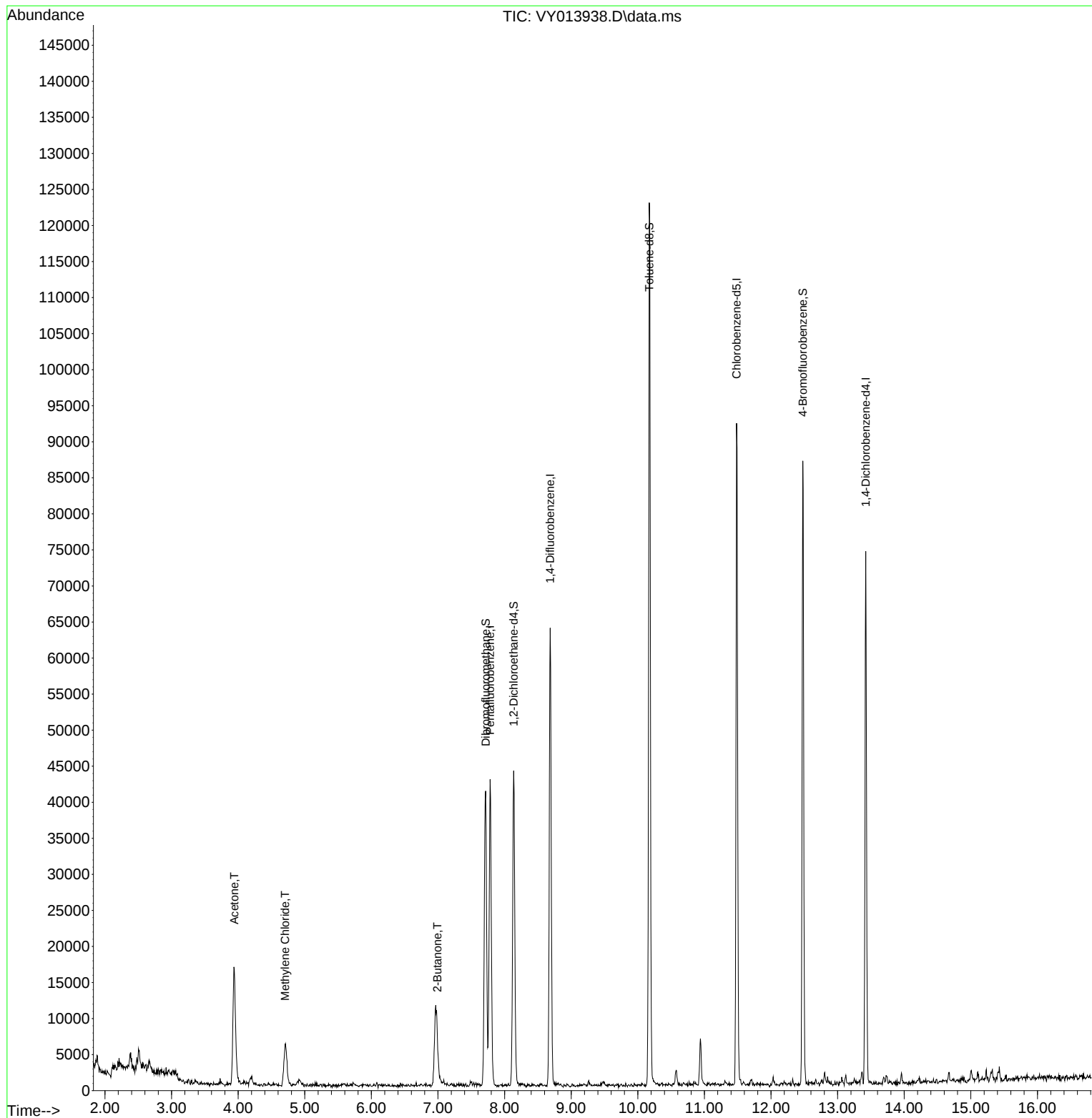
Internal Standards						
1) Pentafluorobenzene	7.783	168	31558	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	53527	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	49711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35428	97.038	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 194.080%#		
35) Dibromofluoromethane	7.716	113	29037	84.000	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 168.000%#		
50) Toluene-d8	10.173	98	82815	63.034	ug/l	-0.01
Spiked Amount	50.000	Range 58 - 134	Recovery	= 126.060%		
62) 4-Bromofluorobenzene	12.477	95	24085	55.150	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 110.300%		
Target Compounds						
						Qvalue
16) Acetone	3.942	43	30185	278.562	ug/l	99
20) Methylene Chloride	4.704	84	4150	8.704	ug/l #	91
25) 2-Butanone	6.990	43	5178	39.161	ug/l	92

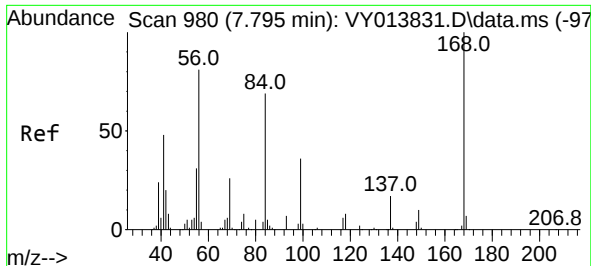
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
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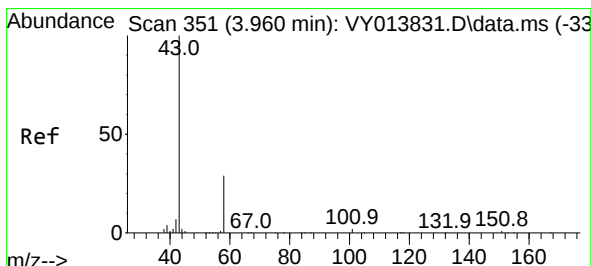
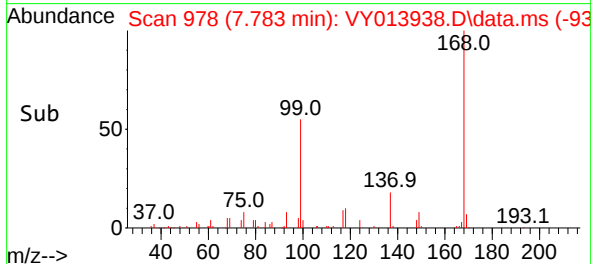
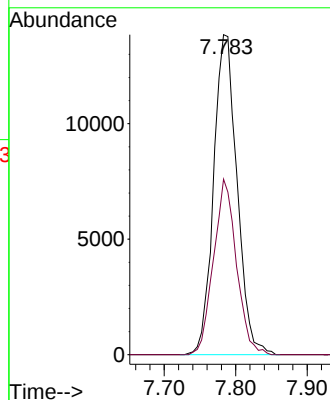
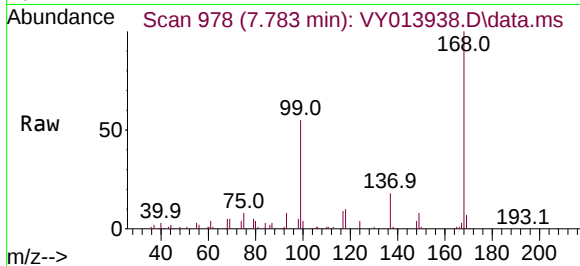




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013938.D
Acq: 31 May 2023 16:12

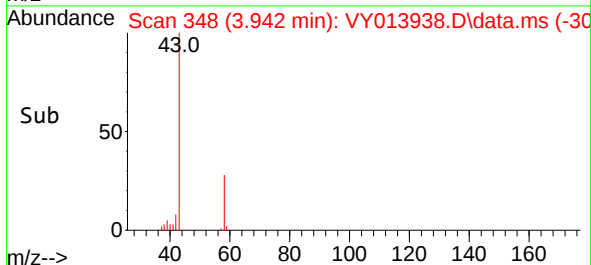
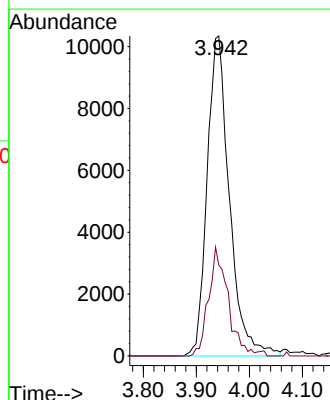
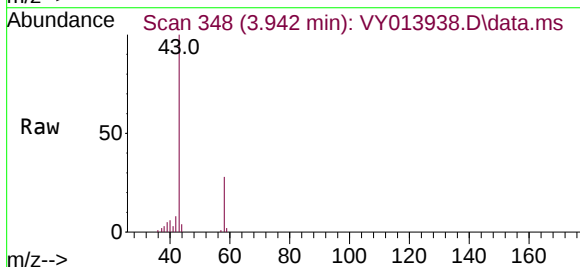
Instrument :
MSVOA_Y
ClientSampleId :
SB27

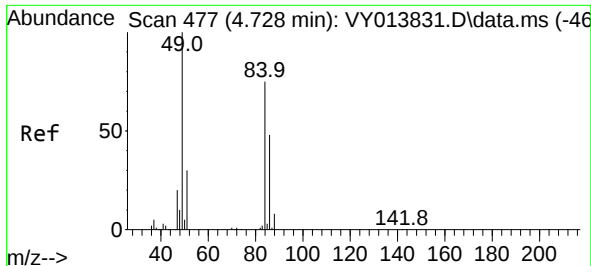
Tgt Ion:168 Resp: 31558
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.2



#16
Acetone
Concen: 278.562 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY013938.D
Acq: 31 May 2023 16:12

Tgt Ion: 43 Resp: 30185
Ion Ratio Lower Upper
43 100
58 28.5 23.3 34.9

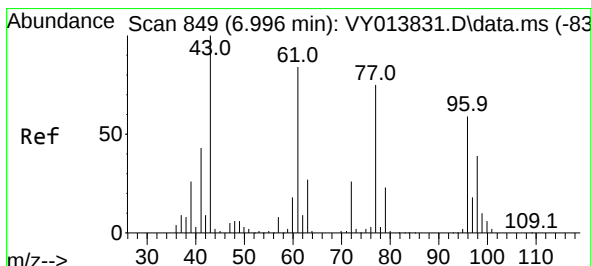
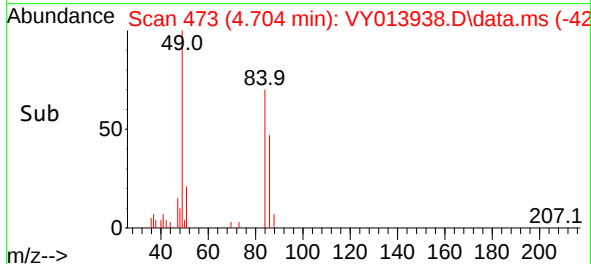
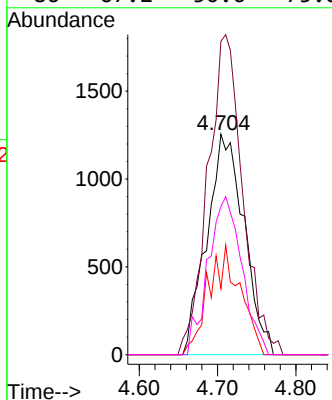
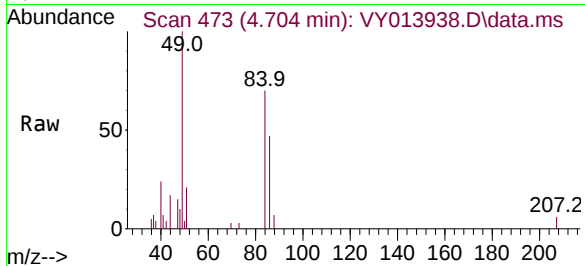




#20
Methylene Chloride
Concen: 8.704 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013938.D
Acq: 31 May 2023 16:12

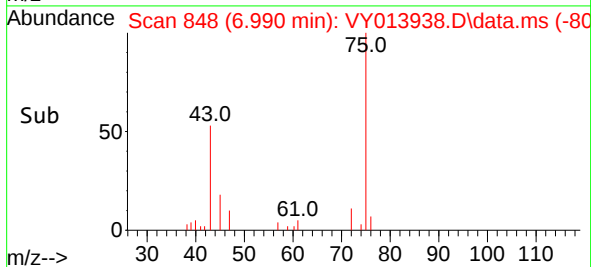
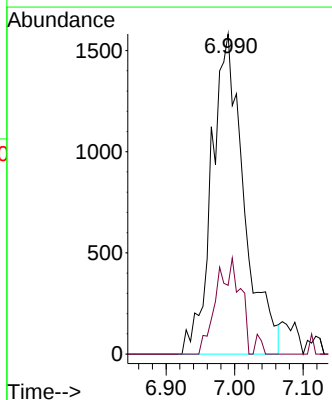
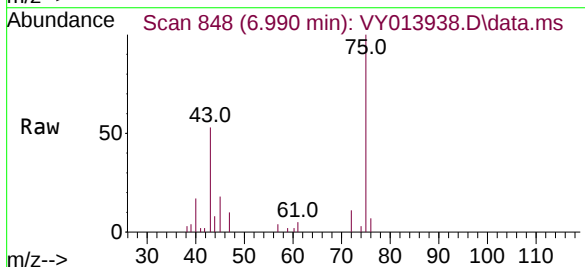
Instrument :
MSVOA_Y
ClientSampleId :
SB27

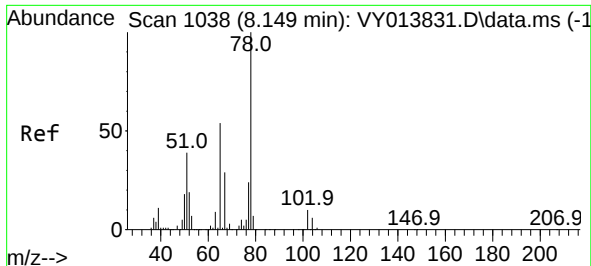
Tgt Ion:	84	Resp:	4150
Ion	Ratio	Lower	Upper
84	100		
49	142.3	106.2	159.2
51	30.0	31.4	47.0#
86	67.2	50.6	75.8



#25
2-Butanone
Concen: 39.161 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY013938.D
Acq: 31 May 2023 16:12

Tgt Ion:	43	Resp:	5178
Ion	Ratio	Lower	Upper
43	100		
72	21.5	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 97.038 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013938.D

Acq: 31 May 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

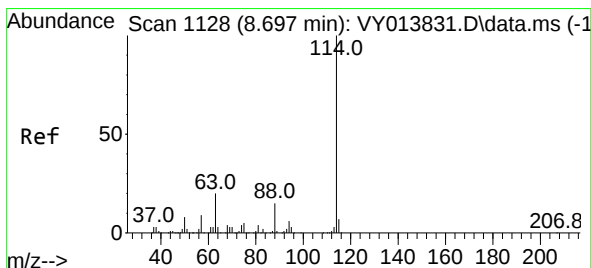
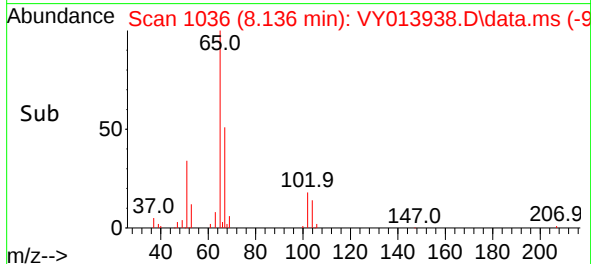
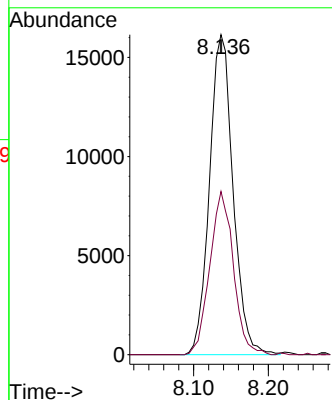
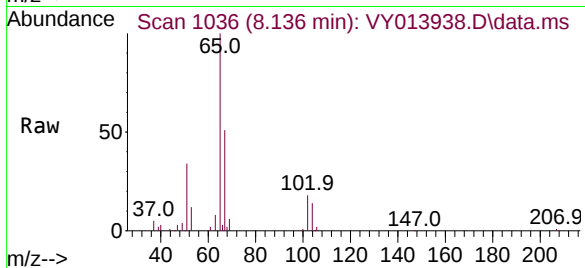
SB27

Tgt Ion: 65 Resp: 35428

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013938.D

Acq: 31 May 2023 16:12

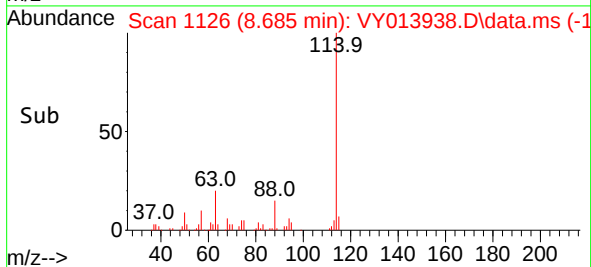
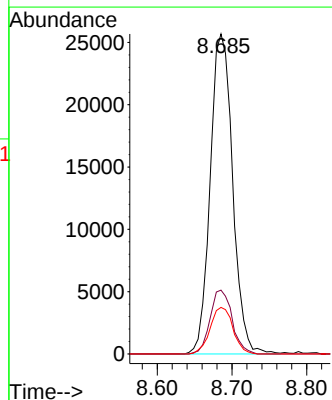
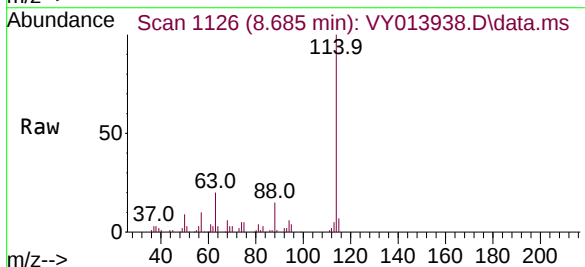
Tgt Ion: 114 Resp: 53527

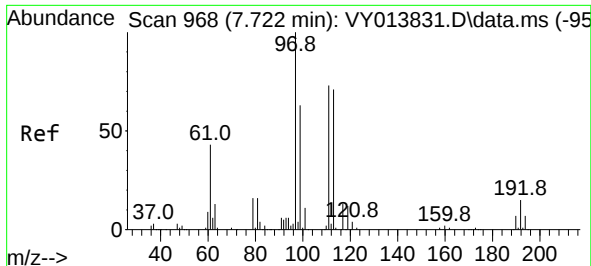
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.5 0.0 30.0

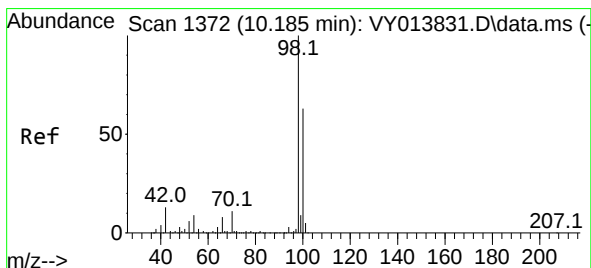
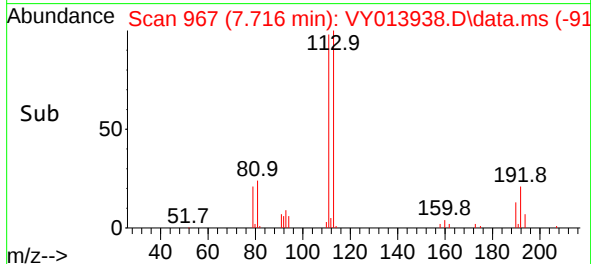
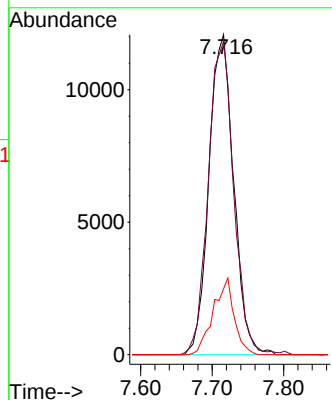
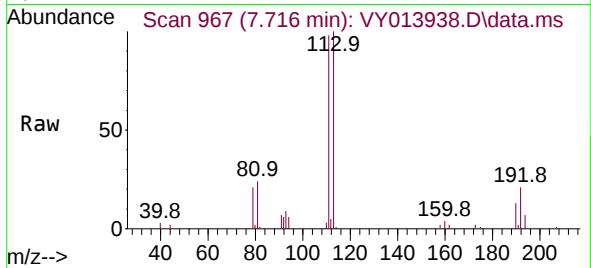




#35
Dibromofluoromethane
Concen: 84.000 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013938.D
Acq: 31 May 2023 16:12

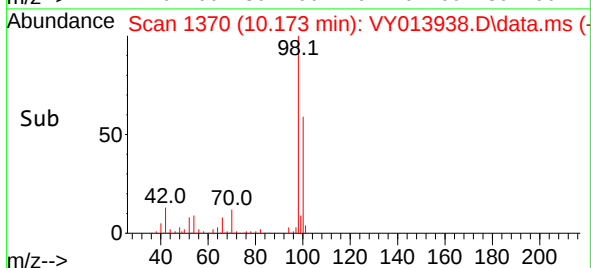
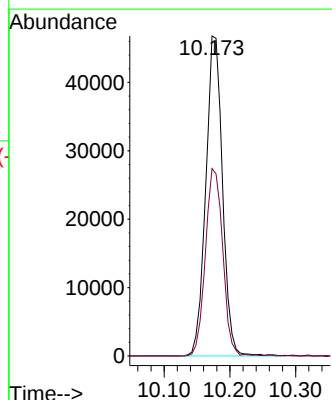
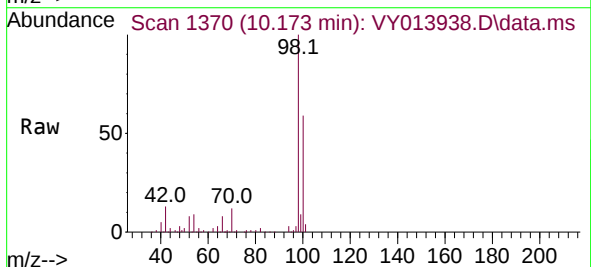
Instrument :
MSVOA_Y
ClientSampleId :
SB27

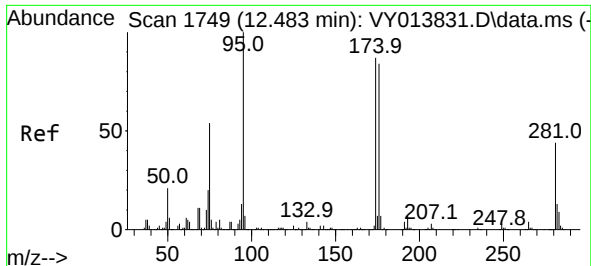
Tgt Ion:113 Resp: 29037
Ion Ratio Lower Upper
113 100
111 101.2 80.4 120.6
192 20.2 16.6 25.0



#50
Toluene-d8
Concen: 63.034 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.012 min
Lab File: VY013938.D
Acq: 31 May 2023 16:12

Tgt Ion: 98 Resp: 82815
Ion Ratio Lower Upper
98 100
100 60.6 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 55.150 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013938.D

Acq: 31 May 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

SB27

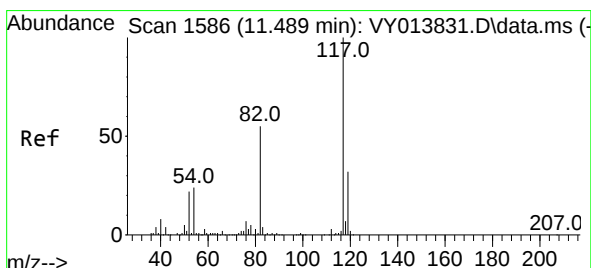
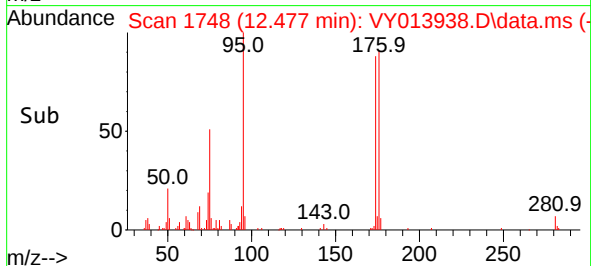
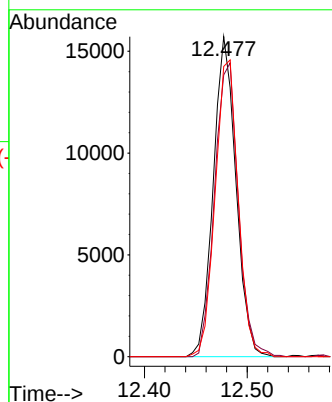
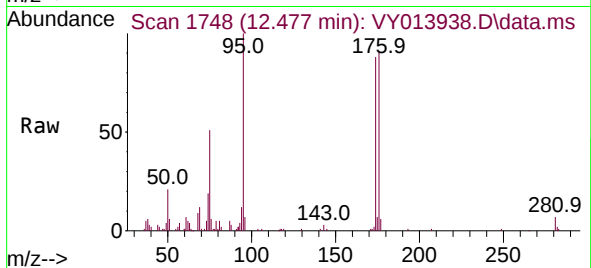
Tgt Ion: 95 Resp: 24085

Ion Ratio Lower Upper

95 100

174 95.7 0.0 176.0

176 93.9 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.006 min

Lab File: VY013938.D

Acq: 31 May 2023 16:12

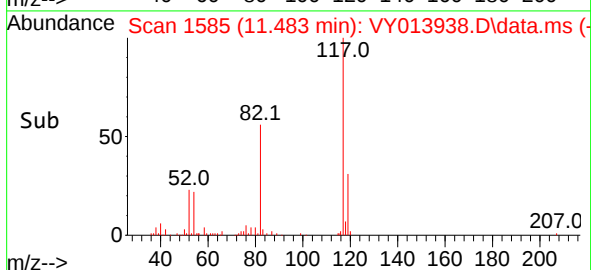
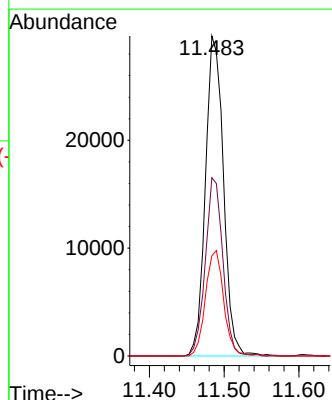
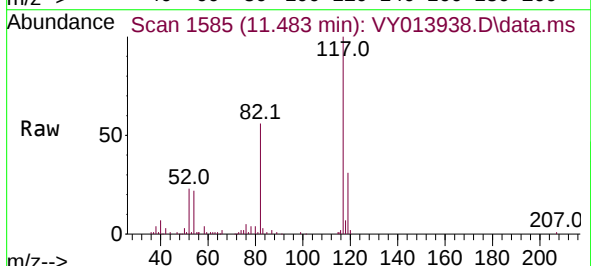
Tgt Ion: 117 Resp: 49711

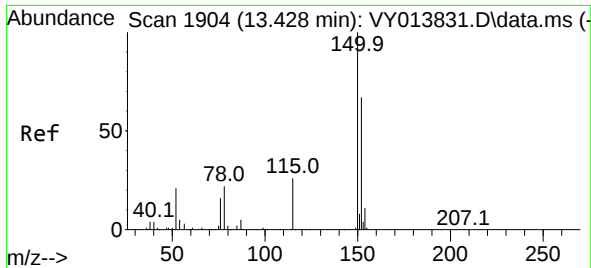
Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.4

119 31.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013938.D
 Acq: 31 May 2023 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB27

Tgt Ion:152 Resp: 19602
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.8 86.5
 150 151.1 0.0 353.4

