

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013940.D
 Acq On : 31 May 2023 16:59
 Operator : KP/MD
 Sample : 02955-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB25

Quant Time: May 31 17:33:27 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)

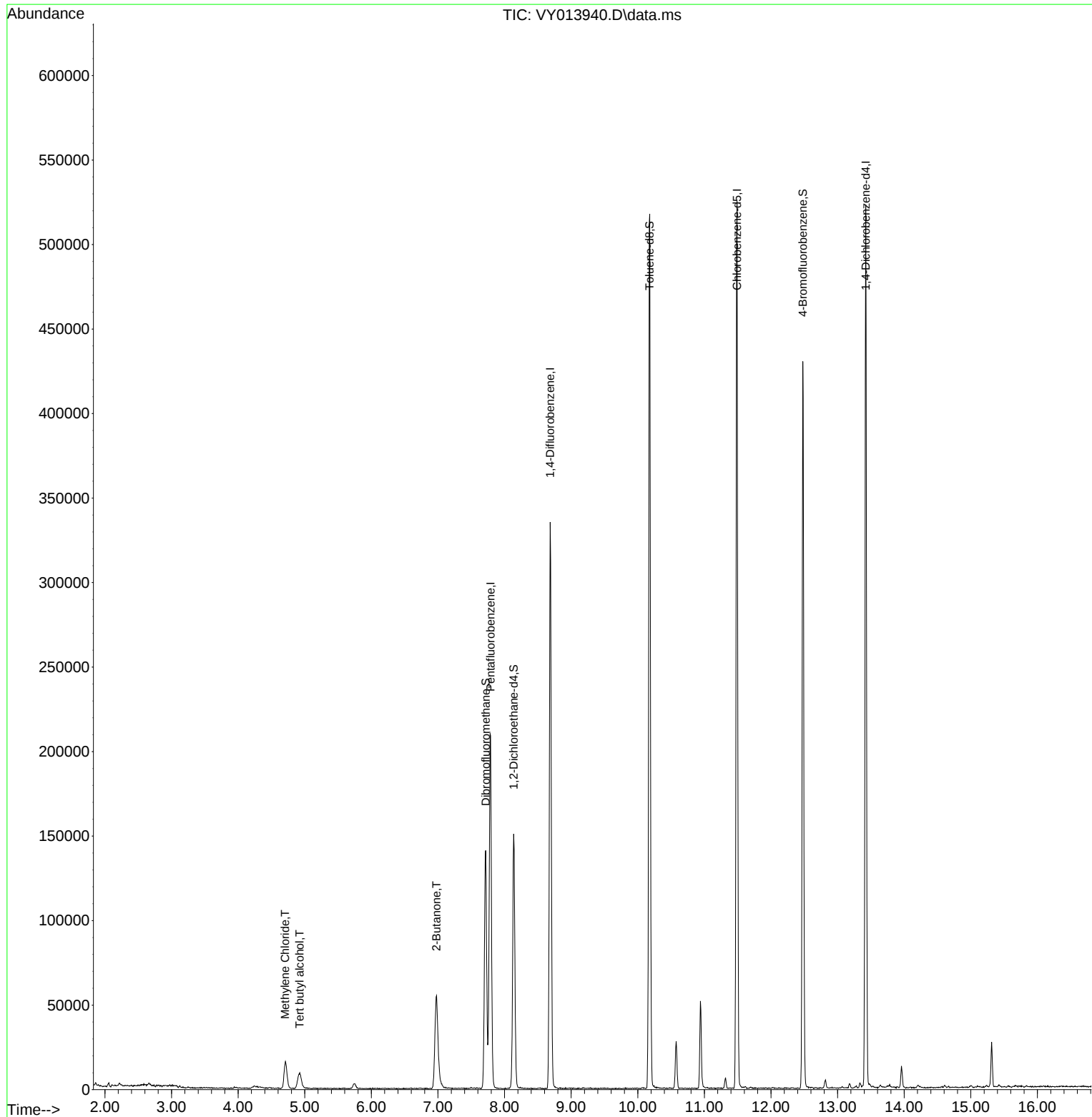
Internal Standards						
1) Pentafluorobenzene	7.789	168	162447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276484	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	279986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	122945	65.419	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.840%			
35) Dibromofluoromethane	7.716	113	96553	54.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.140%			
50) Toluene-d8	10.179	98	339699	50.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.120%			
62) 4-Bromofluorobenzene	12.477	95	114534	50.774	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.540%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	9336	64.846	ug/l #	74
20) Methylene Chloride	4.704	84	11463	3.430	ug/l	86
25) 2-Butanone	6.978	43	3865	5.679	ug/l #	79

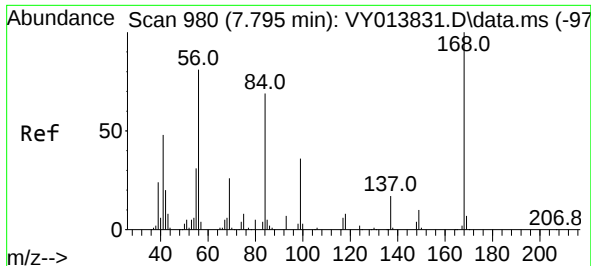
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
Data File : VY013940.D
Acq On : 31 May 2023 16:59
Operator : KP/MD
Sample : 02955-04
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB25

Quant Time: May 31 17:33:27 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

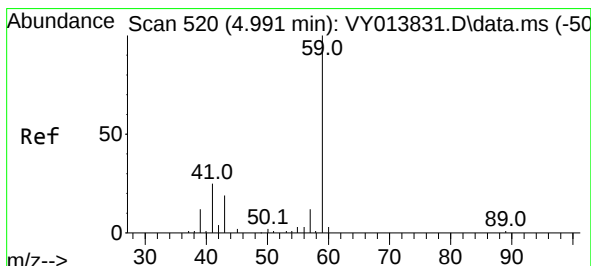
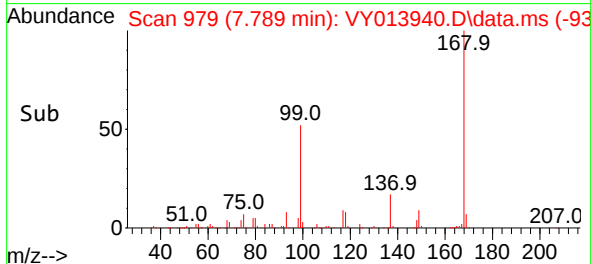
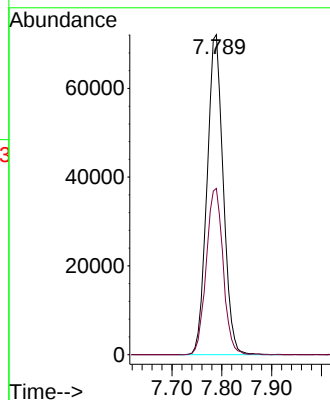
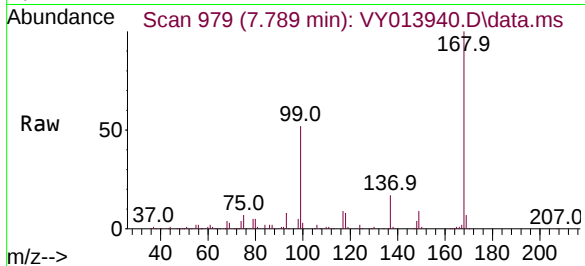




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

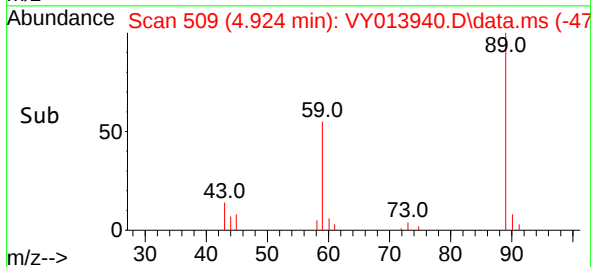
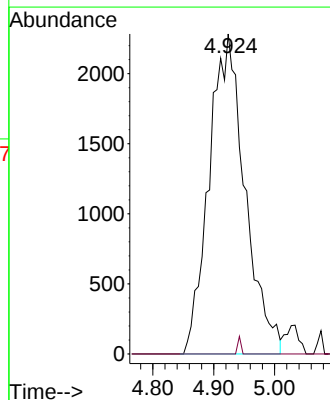
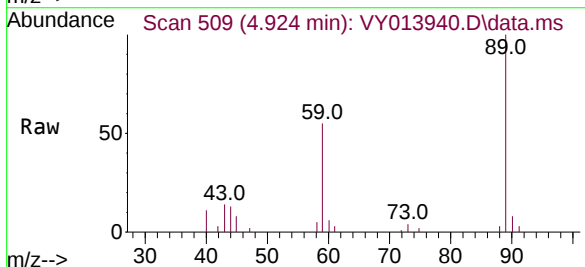
Instrument :
MSVOA_Y
ClientSampleId :
SB25

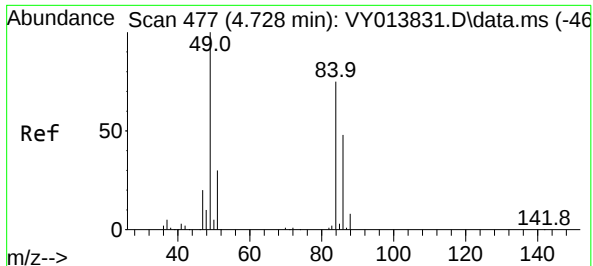
Tgt Ion:168 Resp: 162447
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.2



#11
Tert butyl alcohol
Concen: 64.846 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.067 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

Tgt Ion: 59 Resp: 9336
Ion Ratio Lower Upper
59 100
57 0.5 8.1 12.1#

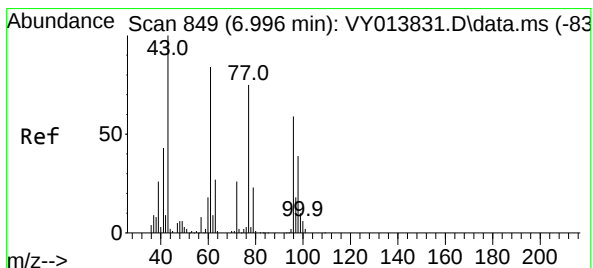
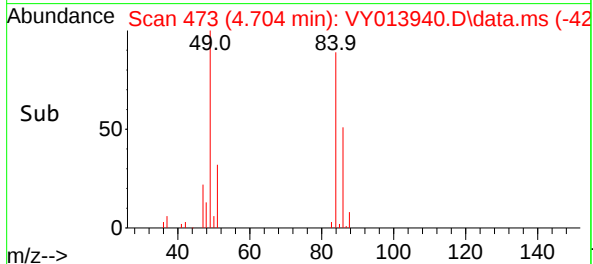
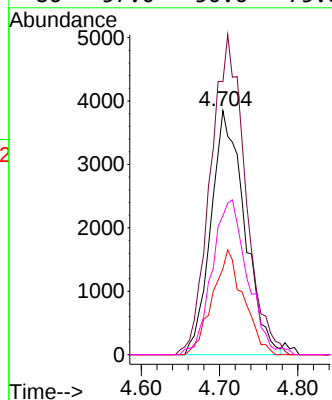
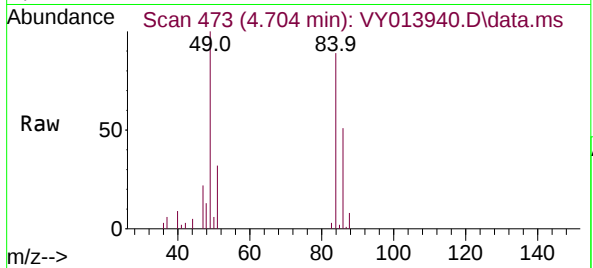




#20
Methylene Chloride
Concen: 3.430 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

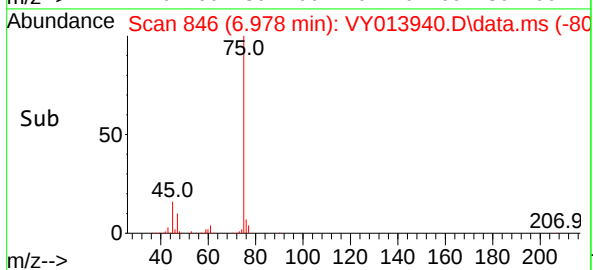
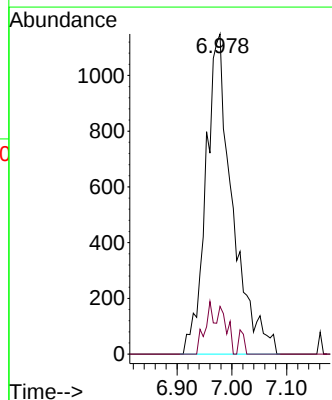
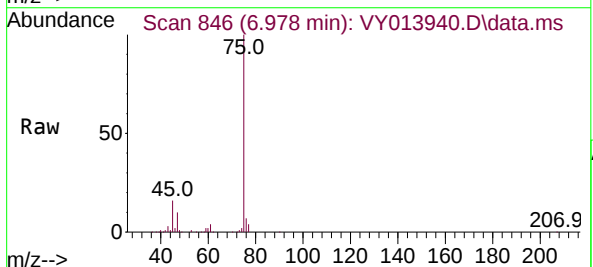
Instrument :
MSVOA_Y
ClientSampleId :
SB25

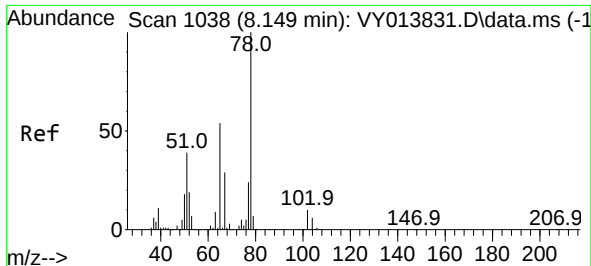
Tgt Ion:	84	Resp:	11463
Ion	Ratio	Lower	Upper
84	100		
49	110.0	106.2	159.2
51	35.3	31.4	47.0
86	57.0	50.6	75.8



#25
2-Butanone
Concen: 5.679 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

Tgt Ion:	43	Resp:	3865
Ion	Ratio	Lower	Upper
43	100		
72	14.9	20.5	30.7#





#33

1,2-Dichloroethane-d4

Concen: 65.419 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013940.D

Acq: 31 May 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

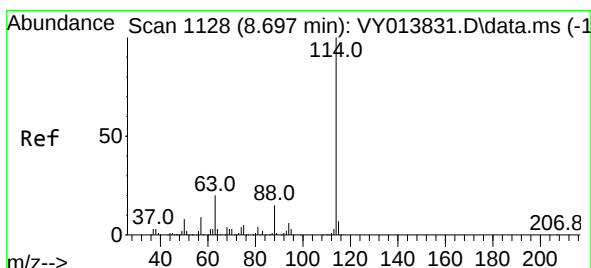
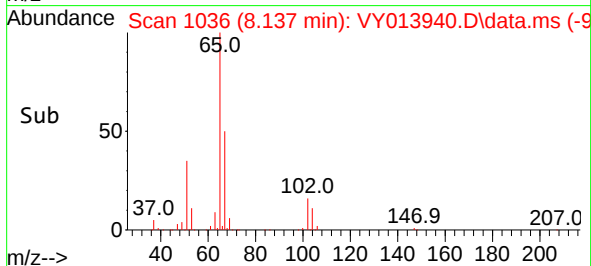
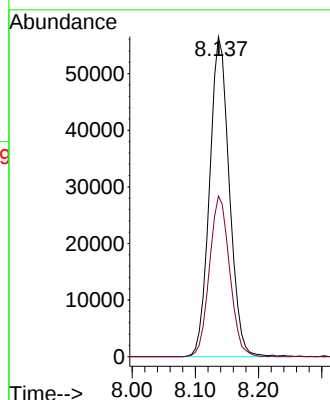
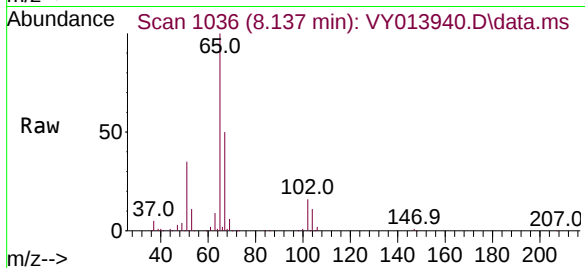
SB25

Tgt Ion: 65 Resp: 122945

Ion Ratio Lower Upper

65 100

67 51.2 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: VY013940.D

Acq: 31 May 2023 16:59

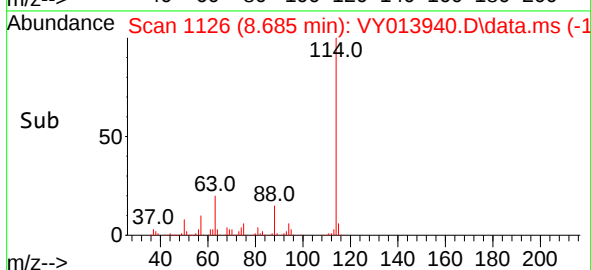
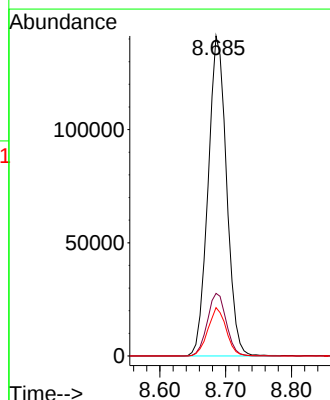
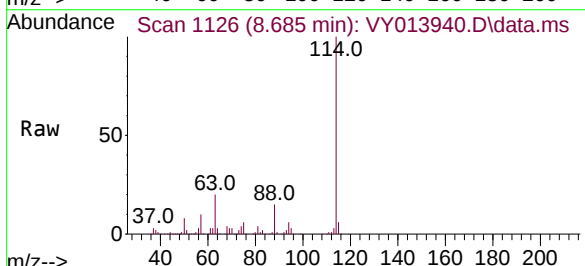
Tgt Ion: 114 Resp: 276484

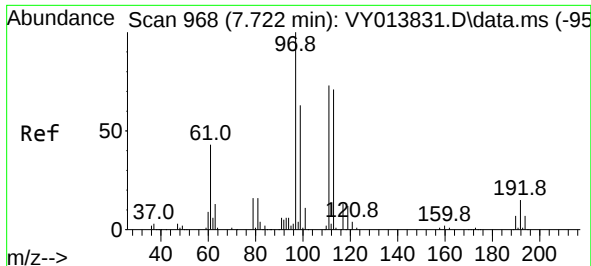
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.1 0.0 30.0

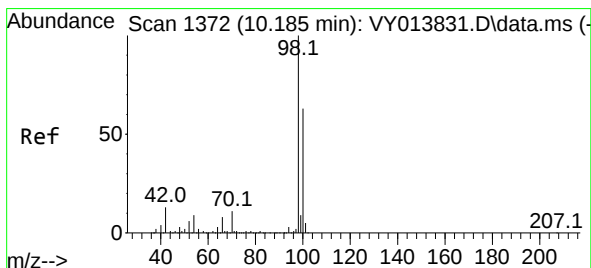
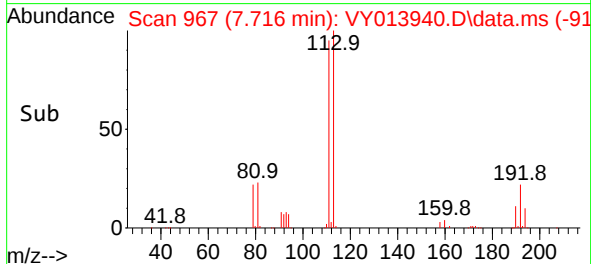
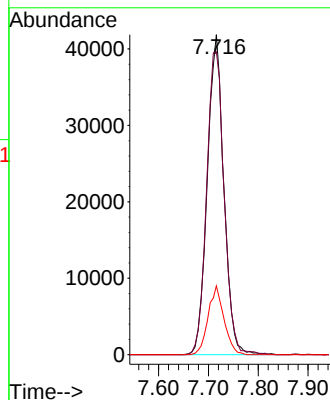
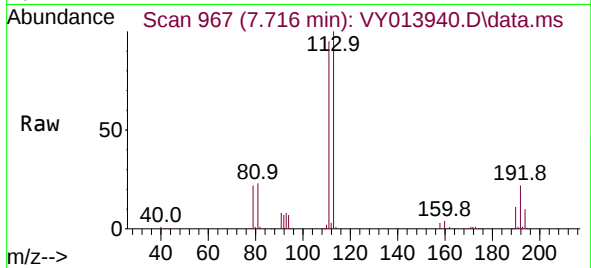




#35
Dibromofluoromethane
Concen: 54.075 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

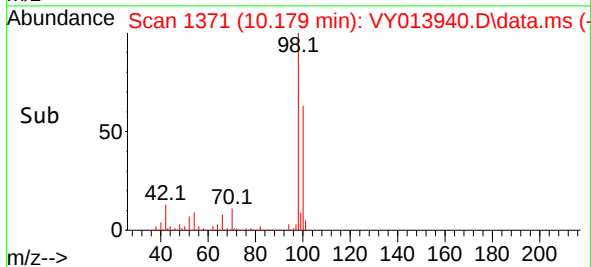
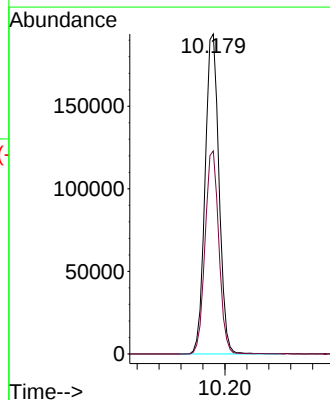
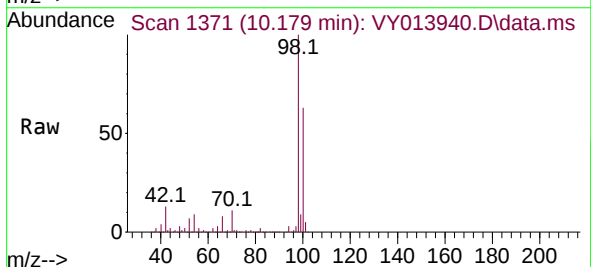
Instrument :
MSVOA_Y
ClientSampleId :
SB25

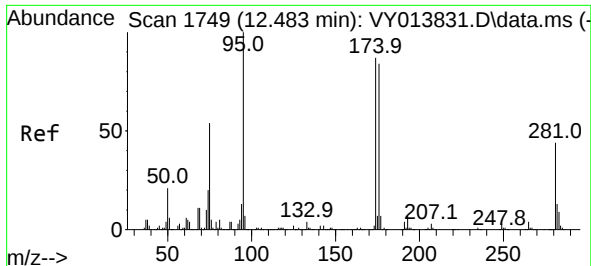
Tgt Ion:113 Resp: 96553
Ion Ratio Lower Upper
113 100
111 100.4 80.4 120.6
192 20.5 16.6 25.0



#50
Toluene-d8
Concen: 50.057 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

Tgt Ion: 98 Resp: 339699
Ion Ratio Lower Upper
98 100
100 63.0 50.8 76.2

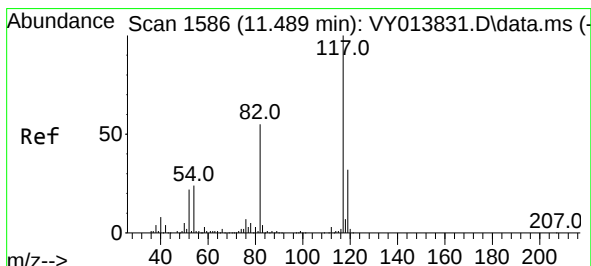
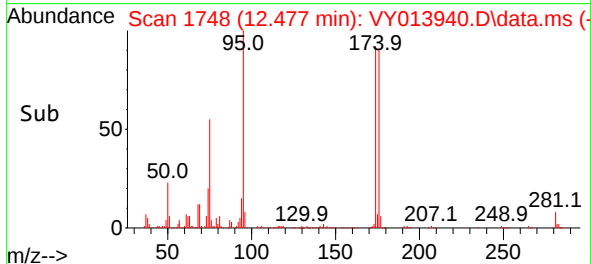
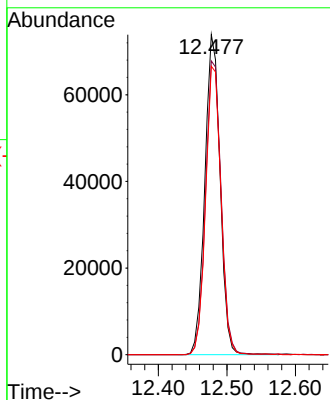
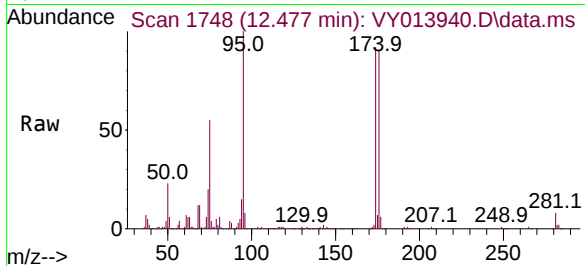




#62
4-Bromofluorobenzene
Concen: 50.774 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

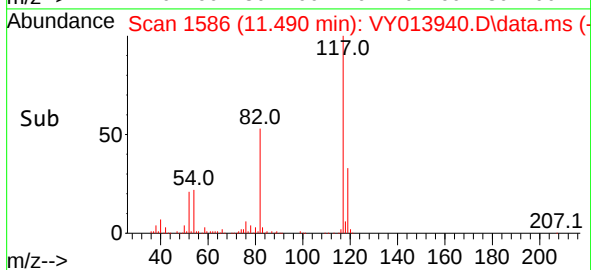
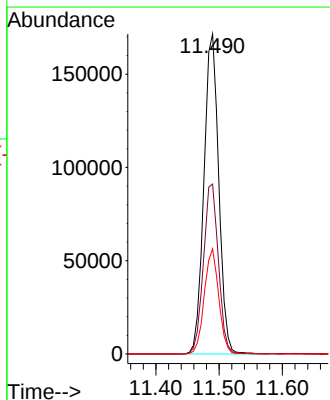
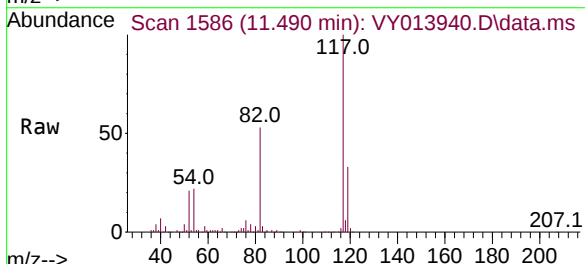
Instrument :
MSVOA_Y
ClientSampleId :
SB25

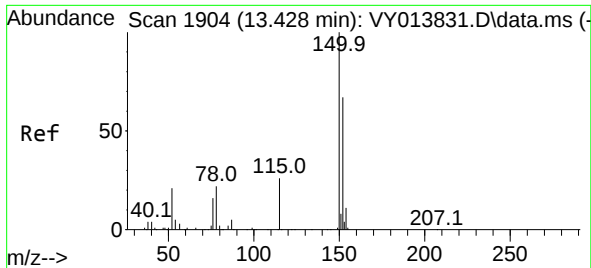
Tgt Ion: 95 Resp: 114534
Ion Ratio Lower Upper
95 100
174 93.7 0.0 176.0
176 90.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013940.D
Acq: 31 May 2023 16:59

Tgt Ion: 117 Resp: 279986
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.4
119 32.9 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: VY013940.D
 Acq: 31 May 2023 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB25

Tgt Ion:152 Resp: 130636
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.8 86.5
 150 157.7 0.0 353.4

