

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013901.D
 Acq On : 26 May 2023 18:20
 Operator : KP/MD
 Sample : 02955-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB27

Quant Time: May 29 04:35:46 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)

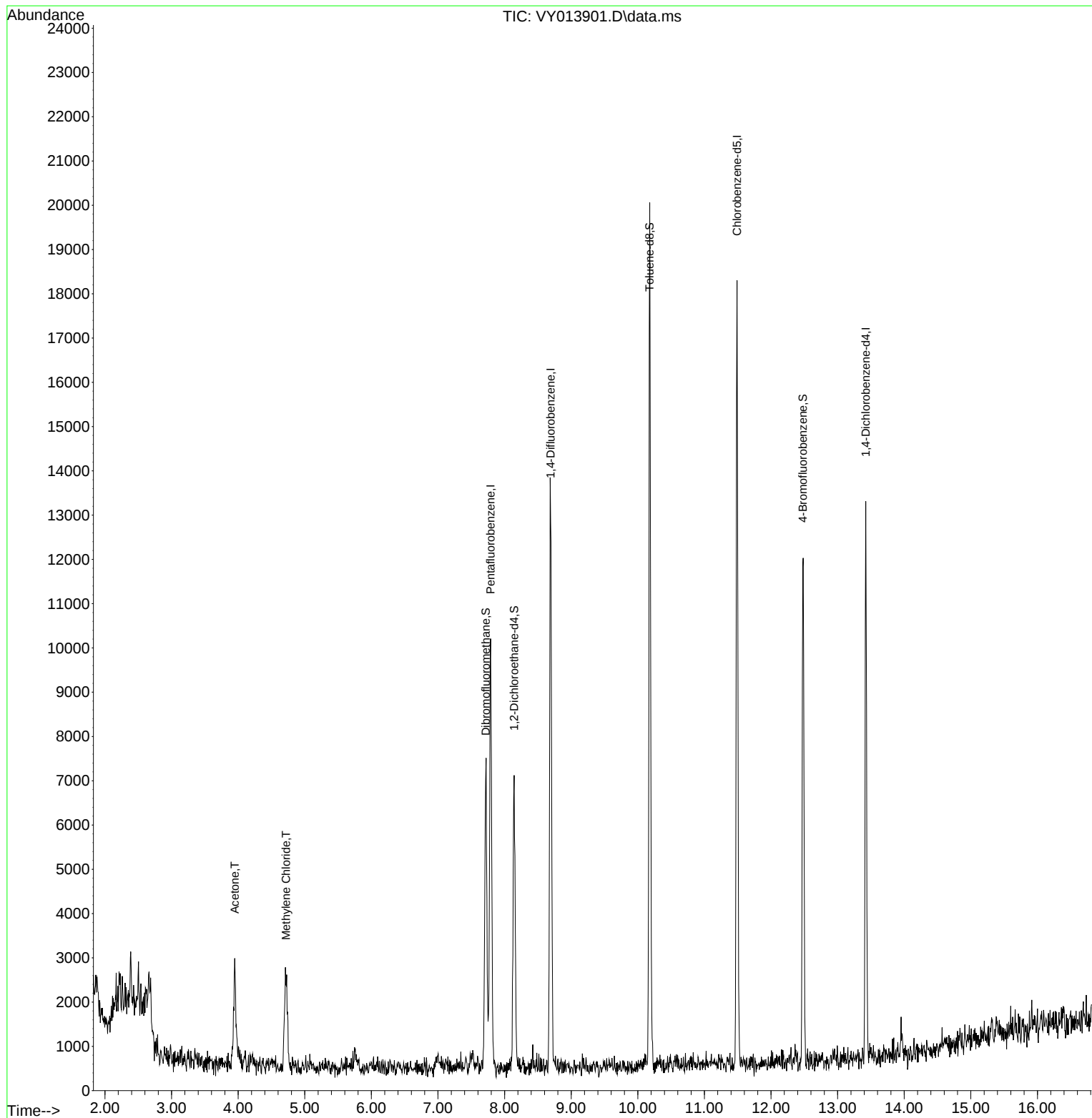
Internal Standards						
1) Pentafluorobenzene	7.789	168	7741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5430	60.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.260%	
35) Dibromofluoromethane	7.716	113	4547	63.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.580%	
50) Toluene-d8	10.179	98	12672	46.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.820%	
62) 4-Bromofluorobenzene	12.477	95	3157	34.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3981	149.774	ug/l	97
20) Methylene Chloride	4.716	84	1674	16.037	ug/l #	96

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

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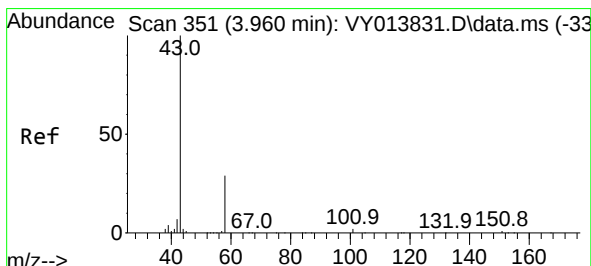
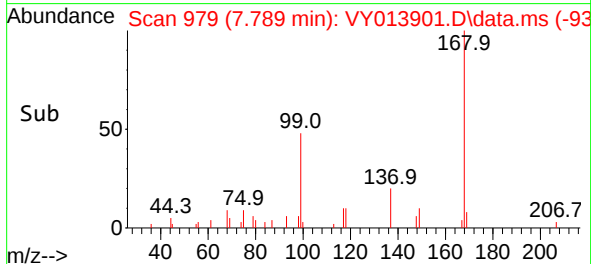
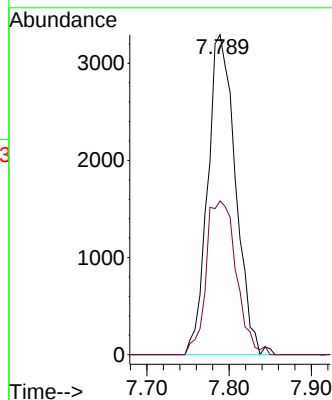
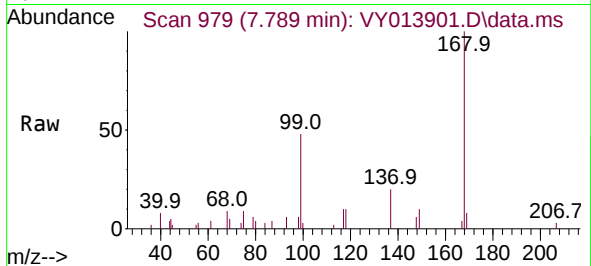




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013901.D
Acq: 26 May 2023 18:20

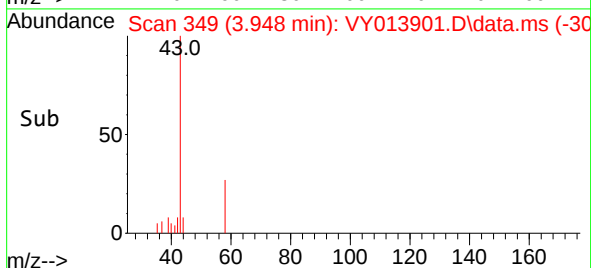
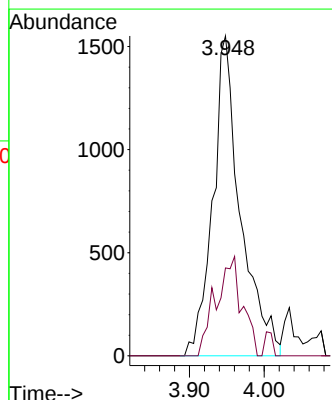
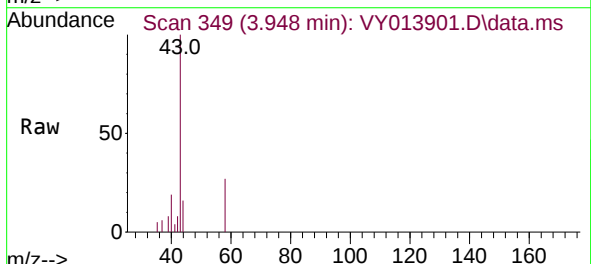
Instrument :
MSVOA_Y
ClientSampleId :
SB27

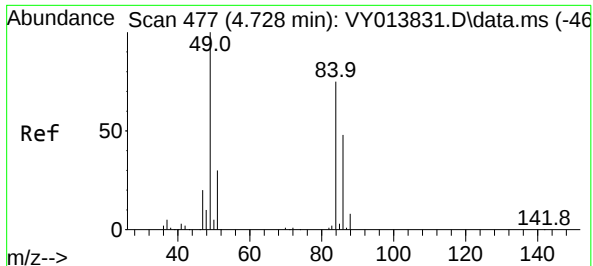
Tgt Ion:168 Resp: 7741
Ion Ratio Lower Upper
168 100
99 48.0 43.4 65.2



#16
Acetone
Concen: 149.774 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013901.D
Acq: 26 May 2023 18:20

Tgt Ion: 43 Resp: 3981
Ion Ratio Lower Upper
43 100
58 27.5 23.3 34.9

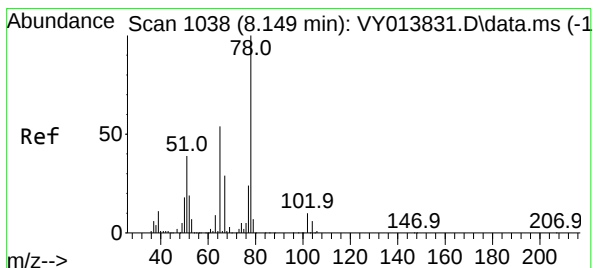
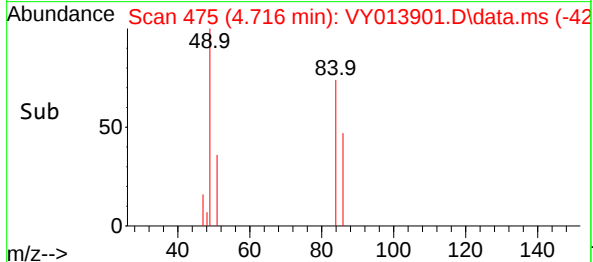
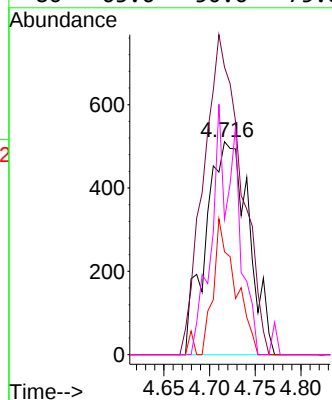
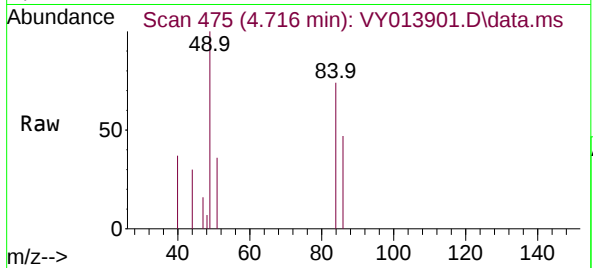




#20
Methylene Chloride
Concen: 16.037 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013901.D
Acq: 26 May 2023 18:20

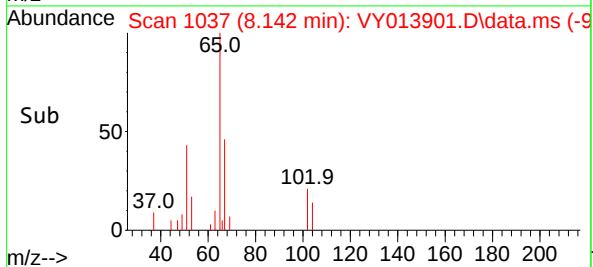
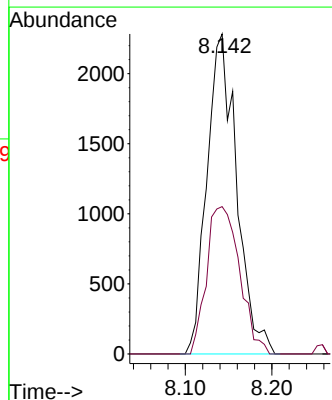
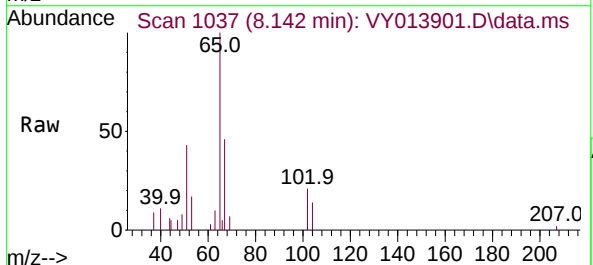
Instrument :
MSVOA_Y
ClientSampleId :
SB27

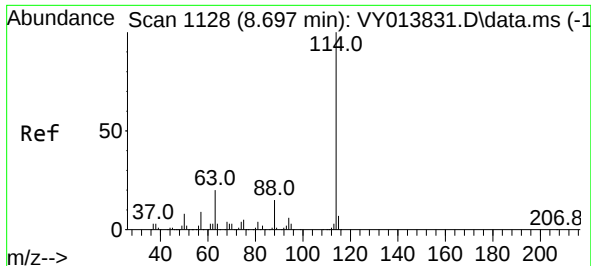
Tgt Ion: 84 Resp: 1674
Ion Ratio Lower Upper
84 100
49 135.0 106.2 159.2
51 48.3 31.4 47.0#
86 63.6 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 60.633 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013901.D
Acq: 26 May 2023 18:20

Tgt Ion: 65 Resp: 5430
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013901.D

Acq: 26 May 2023 18:20

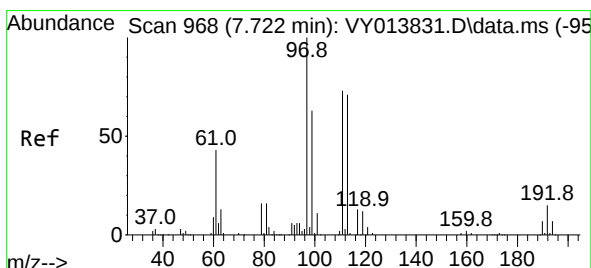
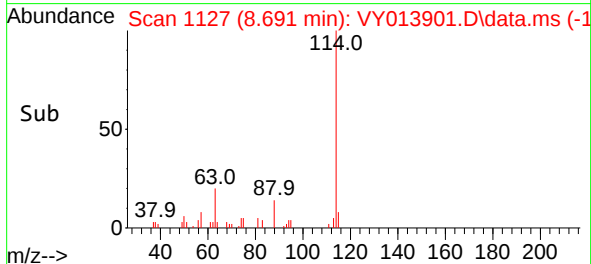
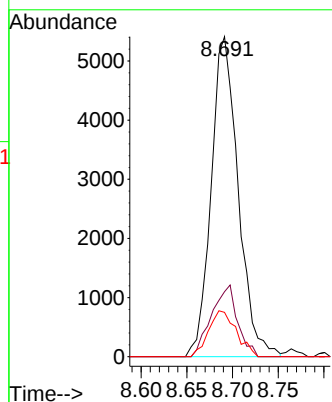
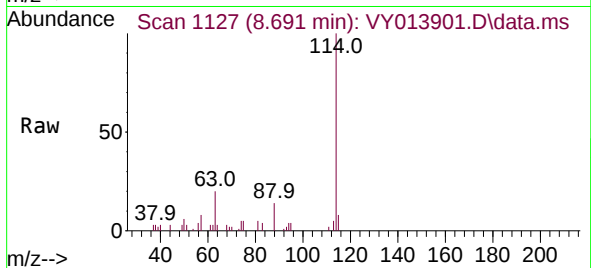
Instrument :

MSVOA_Y

ClientSampleId :

SB27

Tgt Ion:114	Resp:	11124
Ion	Ratio	Lower Upper
114	100	
63	20.3	0.0 40.2
88	13.9	0.0 30.0



#35

Dibromofluoromethane

Concen: 63.294 ug/l

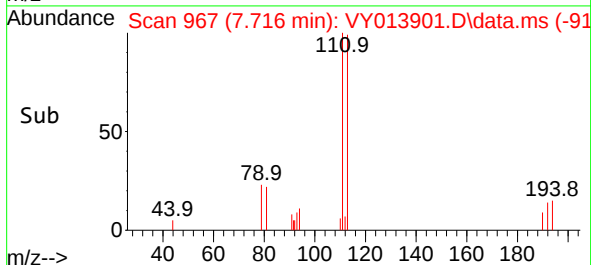
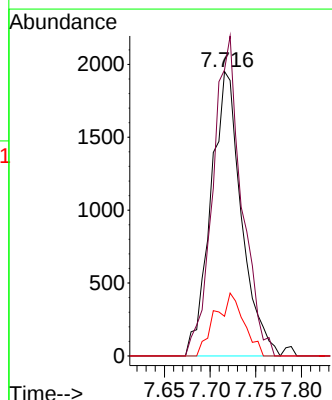
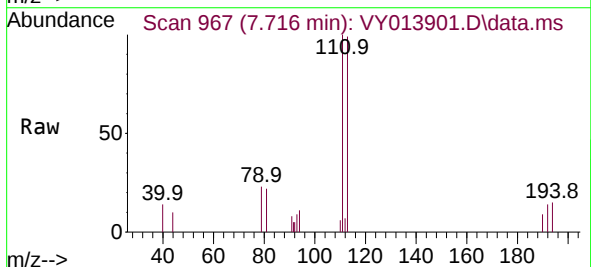
RT: 7.716 min Scan# 967

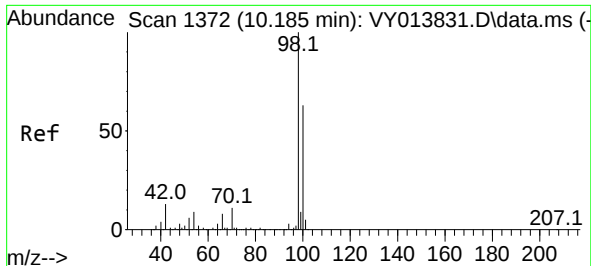
Delta R.T. -0.006 min

Lab File: VY013901.D

Acq: 26 May 2023 18:20

Tgt Ion:113	Resp:	4547
Ion	Ratio	Lower Upper
113	100	
111	105.6	80.4 120.6
192	20.7	16.6 25.0

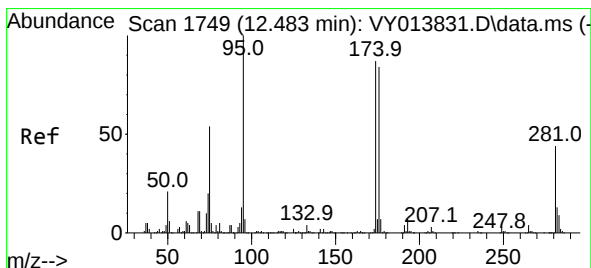
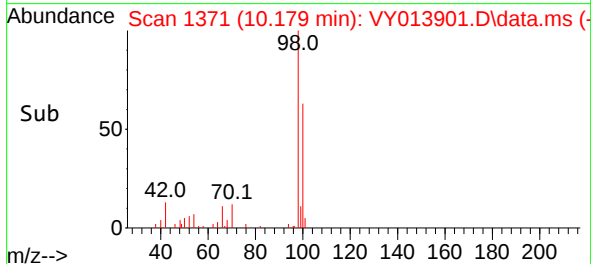
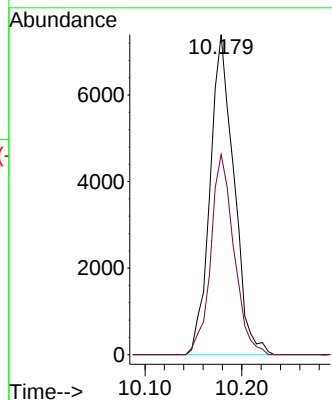
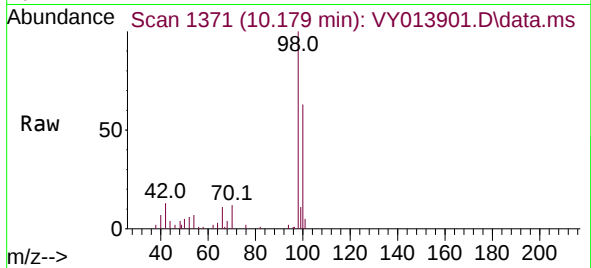




#50
Toluene-d8
Concen: 46.411 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013901.D
Acq: 26 May 2023 18:20

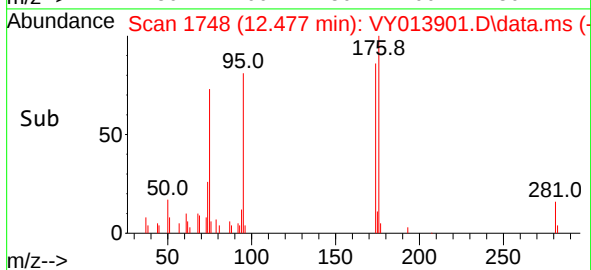
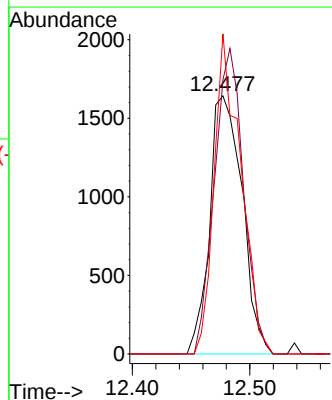
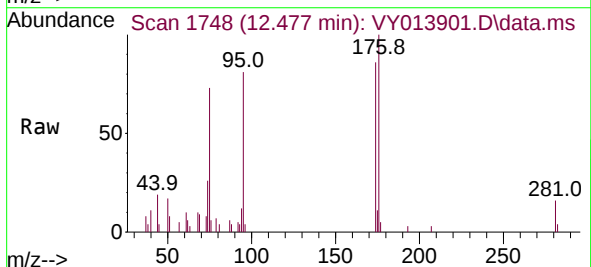
Instrument :
MSVOA_Y
ClientSampleId :
SB27

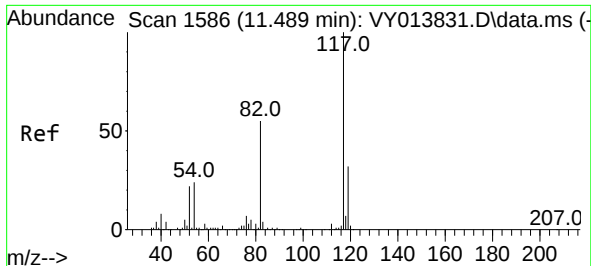
Tgt Ion: 98 Resp: 12672
Ion Ratio Lower Upper
98 100
100 60.9 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 34.785 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013901.D
Acq: 26 May 2023 18:20

Tgt Ion: 95 Resp: 3157
Ion Ratio Lower Upper
95 100
174 106.7 0.0 176.0
176 102.0 0.0 170.2

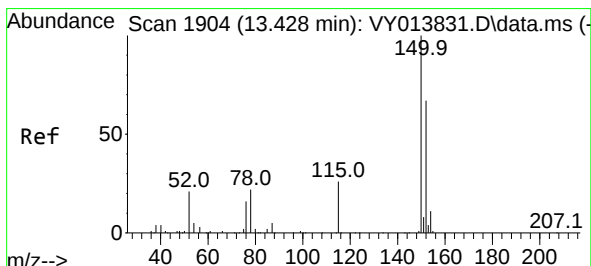
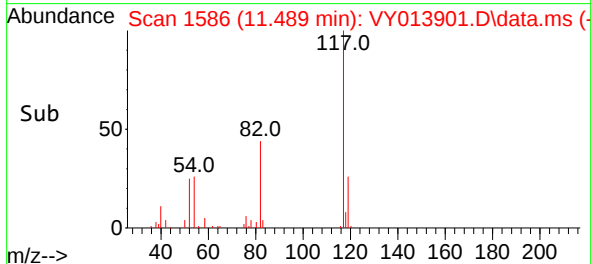
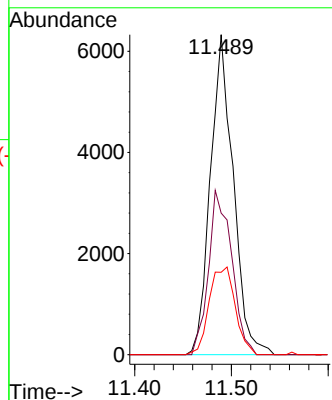
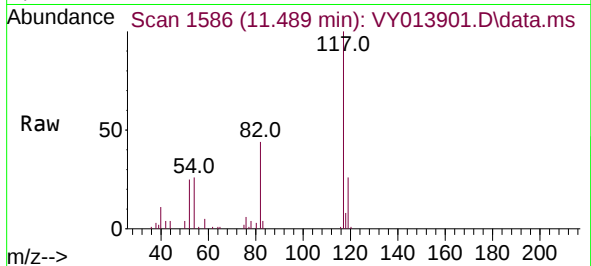




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013901.D
Acq: 26 May 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :
SB27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	44.3	44.2	66.4
119	25.8	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: VY013901.D
Acq: 26 May 2023 18:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.4	28.8	86.5
150	159.1	0.0	353.4

