

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013905.D
 Acq On : 26 May 2023 19:54
 Operator : KP/MD
 Sample : 02955-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB22

Quant Time: May 29 04:37:02 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)

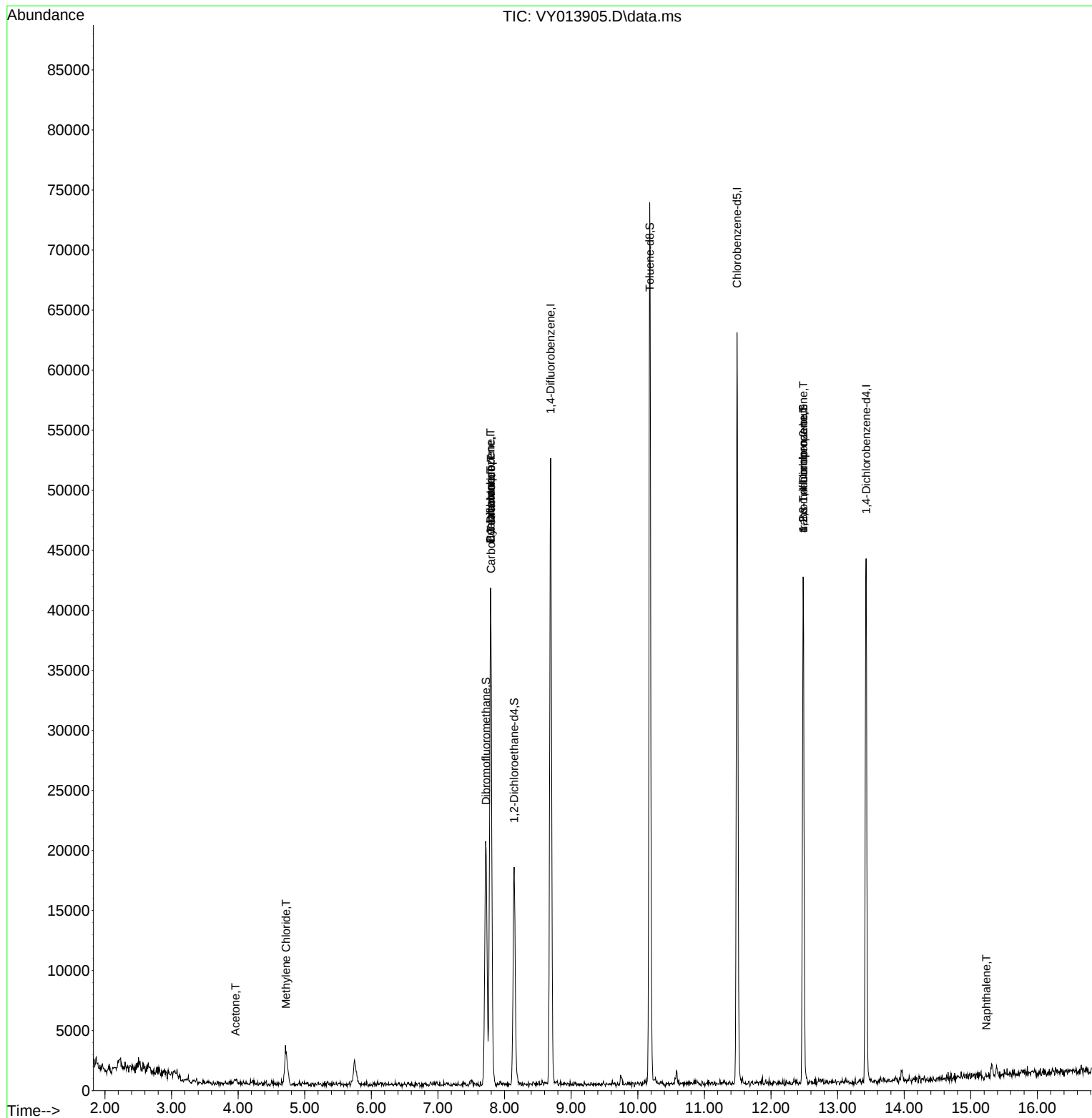
Internal Standards						
1) Pentafluorobenzene	7.789	168	30832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	14844	41.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.240%		
35) Dibromofluoromethane	7.722	113	13708	49.412	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.820%		
50) Toluene-d8	10.179	98	49695	47.131	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.260%		
62) 4-Bromofluorobenzene	12.483	95	11098	31.665	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	63.320%		
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	842	7.953	ug/l #	88
20) Methylene Chloride	4.716	84	2025	3.008	ug/l #	70
31) Cyclohexane	7.789	56	781	1.425	ug/l #	58
36) 1,1-Dichloropropene	7.789	75	2427	5.744	ug/l #	43
38) Carbon Tetrachloride	7.795	117	3232	6.726	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	5934	42.011	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5934	91.193	ug/l #	10
95) Naphthalene	15.233	128	26	4.595	ug/l #	68

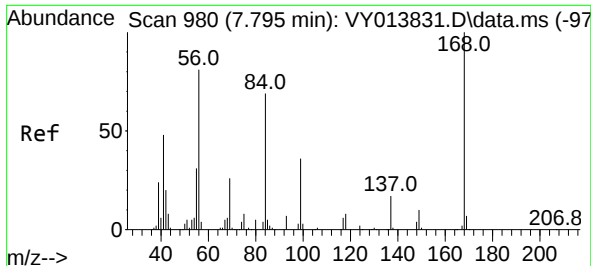
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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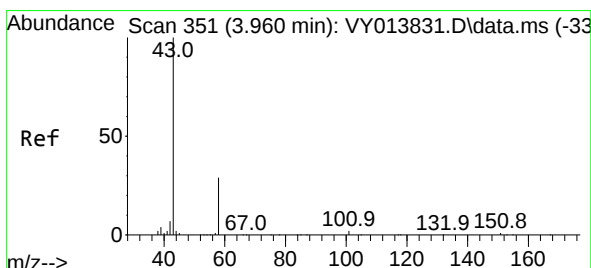
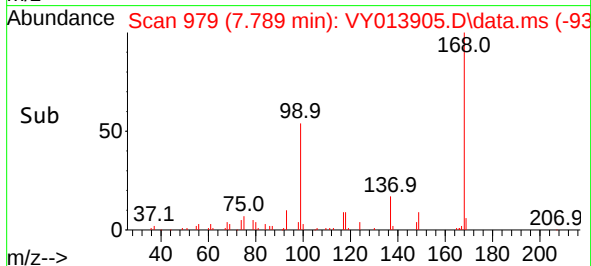
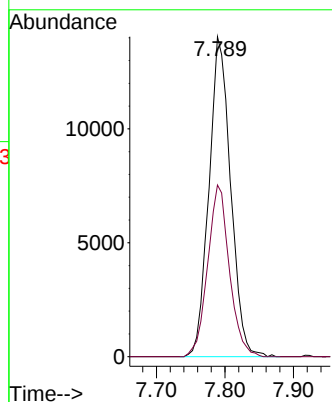
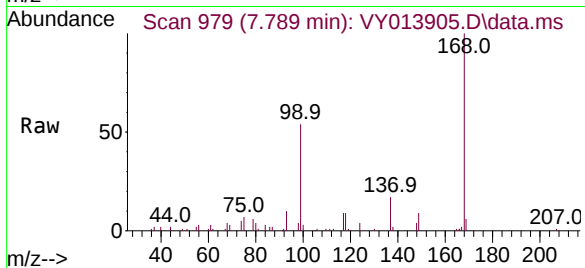




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

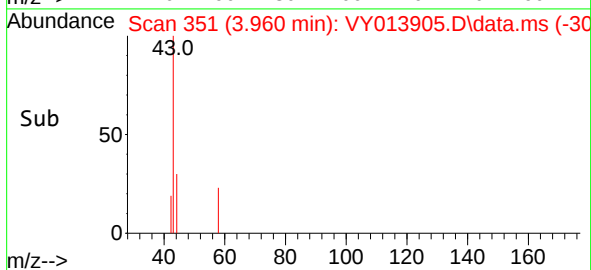
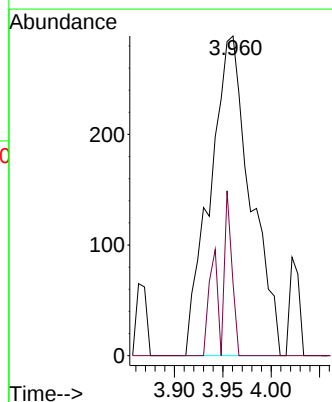
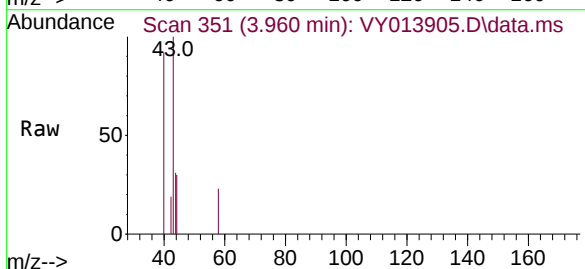
Instrument :
MSVOA_Y
ClientSampleId :
SB22

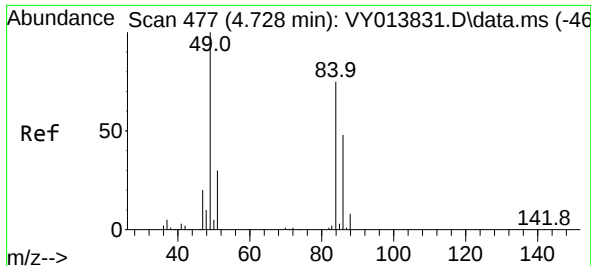
Tgt Ion:168 Resp: 30832
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.2



#16
Acetone
Concen: 7.953 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 22.8 23.3 34.9#

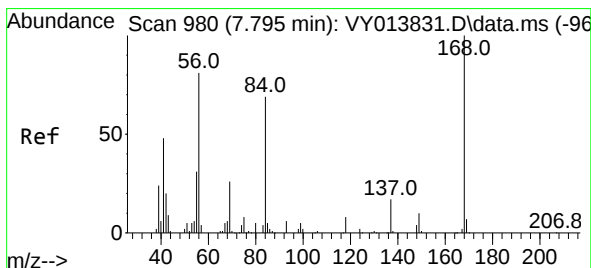
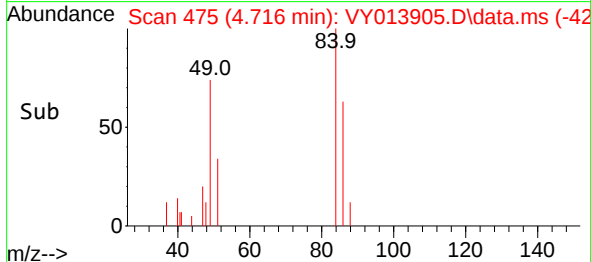
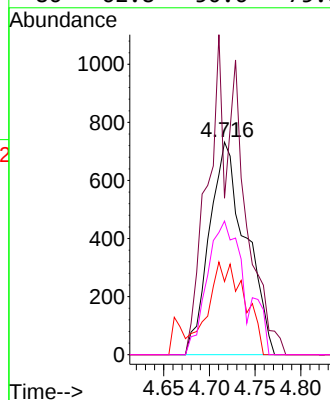
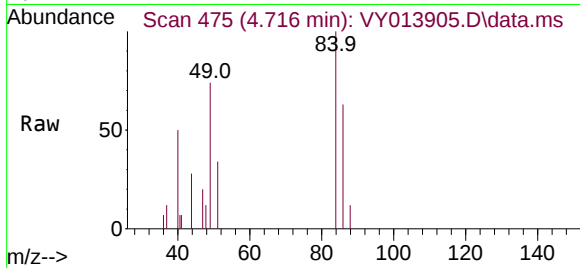




#20
Methylene Chloride
Concen: 3.008 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

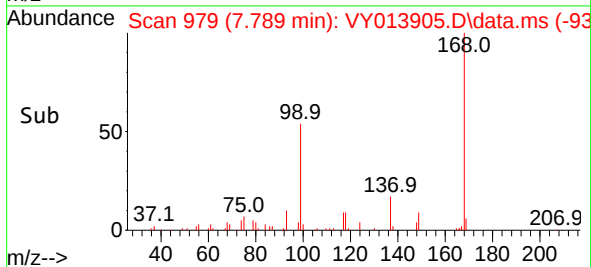
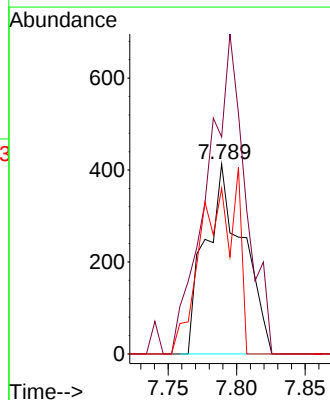
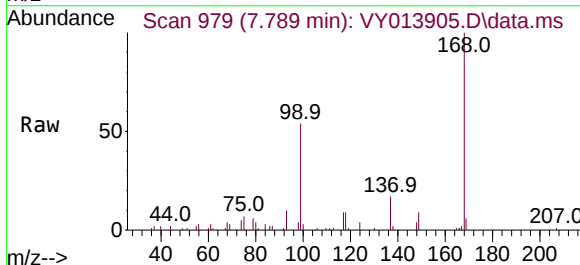
Instrument :
MSVOA_Y
ClientSampleId :
SB22

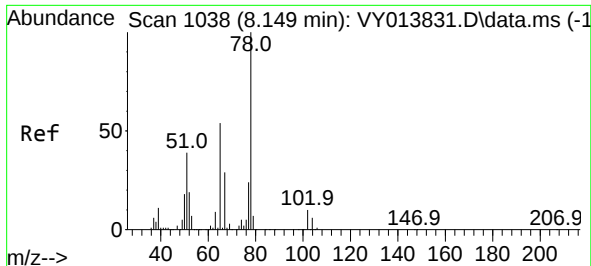
Tgt Ion:	84	Resp:	2025
Ion	Ratio	Lower	Upper
84	100		
49	73.6	106.2	159.2#
51	34.4	31.4	47.0
86	62.8	50.6	75.8



#31
Cyclohexane
Concen: 1.425 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion:	56	Resp:	781
Ion	Ratio	Lower	Upper
56	100		
69	114.3	25.8	38.8#
84	87.2	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 41.615 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013905.D

Acq: 26 May 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

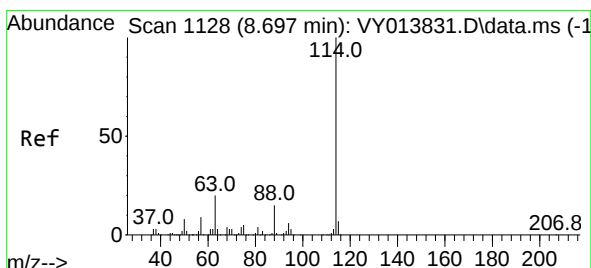
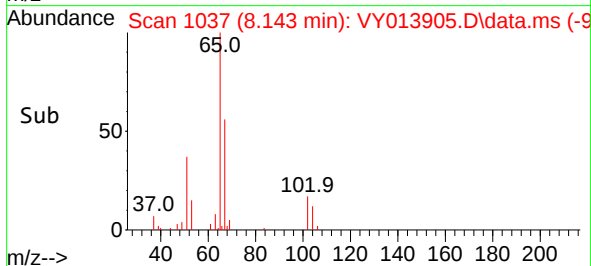
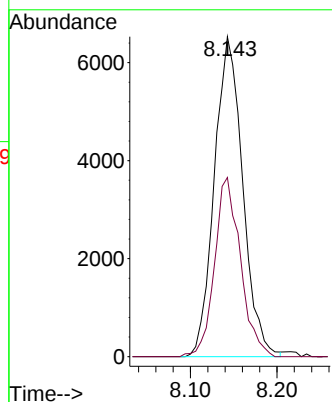
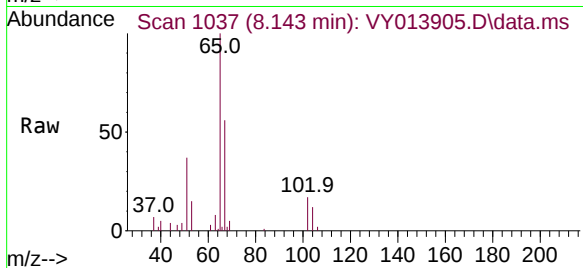
SB22

Tgt Ion: 65 Resp: 14844

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013905.D

Acq: 26 May 2023 19:54

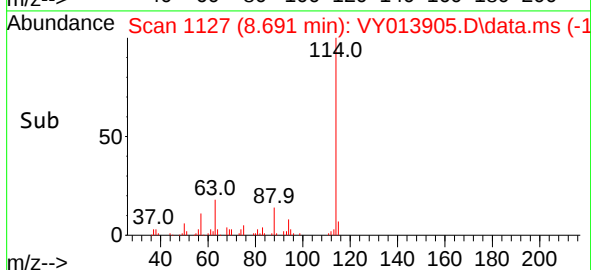
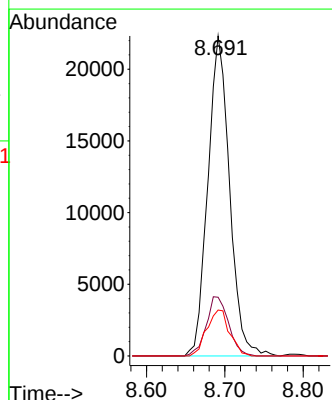
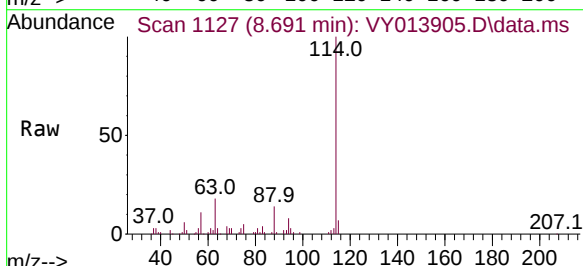
Tgt Ion: 114 Resp: 42958

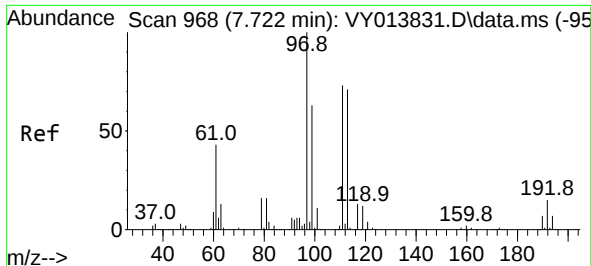
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.2

88 14.4 0.0 30.0

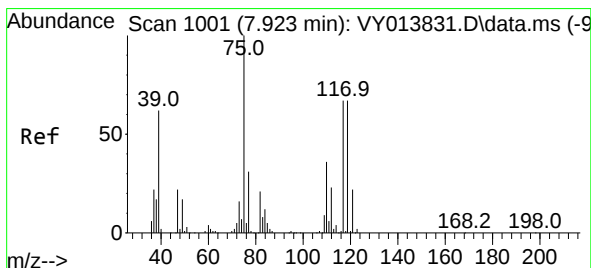
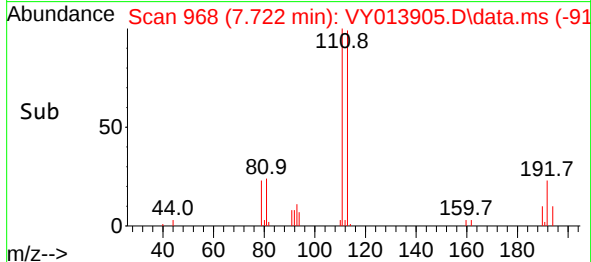
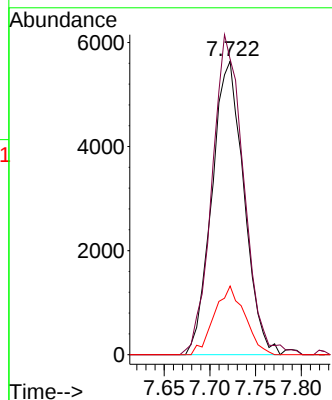
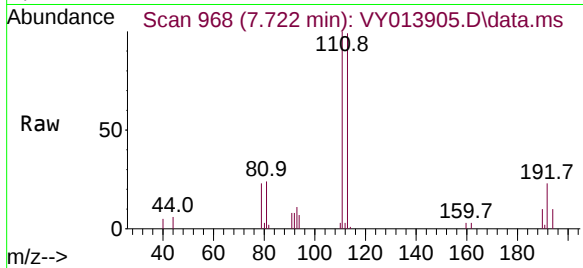




#35
Dibromofluoromethane
Concen: 49.412 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

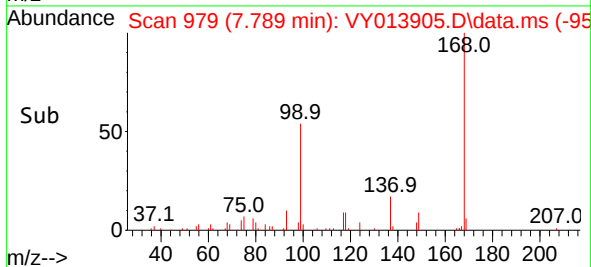
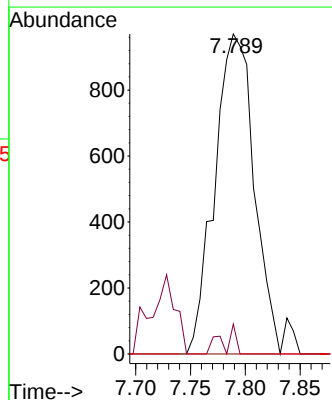
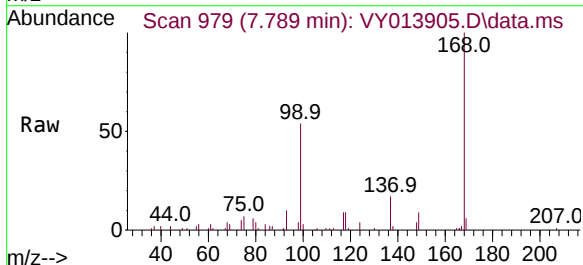
Instrument :
MSVOA_Y
ClientSampleId :
SB22

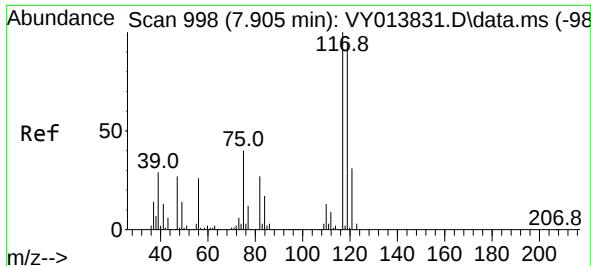
Tgt Ion:113 Resp: 13708
Ion Ratio Lower Upper
113 100
111 108.2 80.4 120.6
192 22.3 16.6 25.0



#36
1,1-Dichloropropene
Concen: 5.744 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion: 75 Resp: 2427
Ion Ratio Lower Upper
75 100
110 1.6 17.5 52.6#
77 0.0 24.4 36.6#

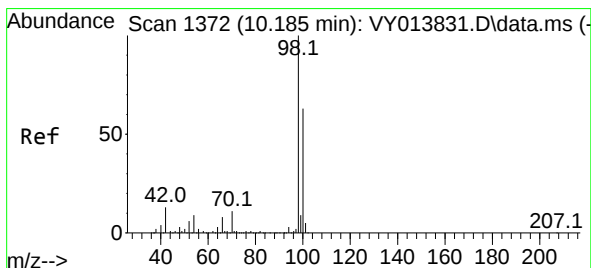
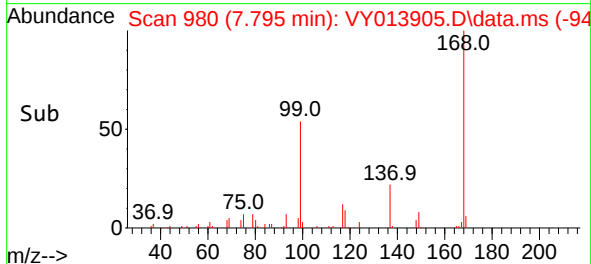
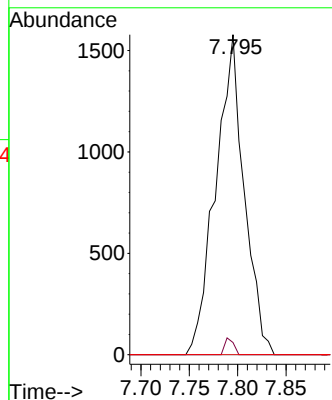
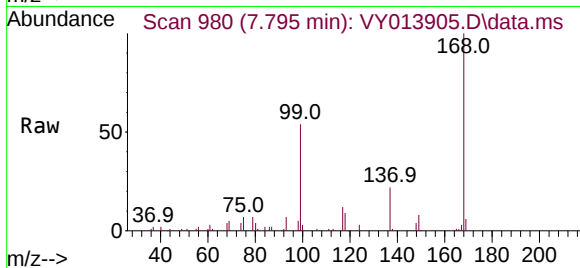




#38
Carbon Tetrachloride
Concen: 6.726 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

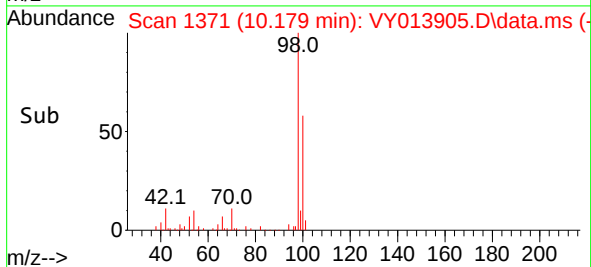
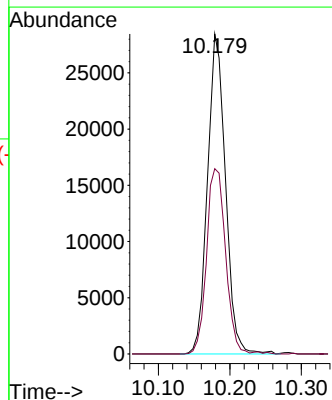
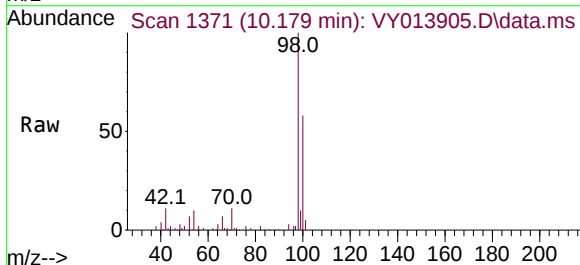
Instrument :
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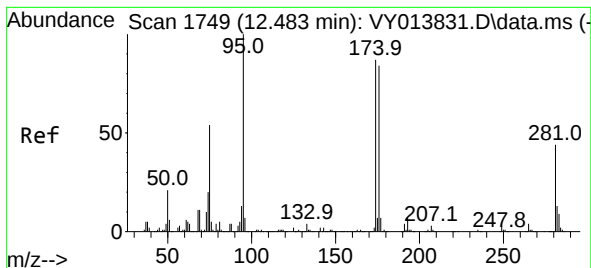
Tgt Ion:117 Resp: 3232
Ion Ratio Lower Upper
117 100
119 3.8 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.131 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion: 98 Resp: 49695
Ion Ratio Lower Upper
98 100
100 61.2 50.8 76.2

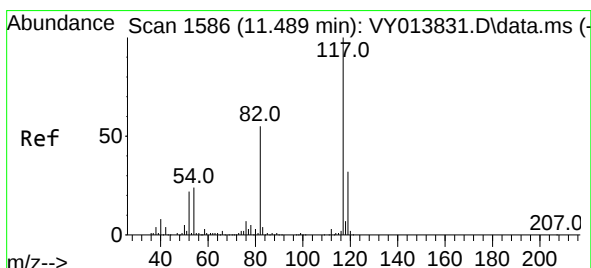
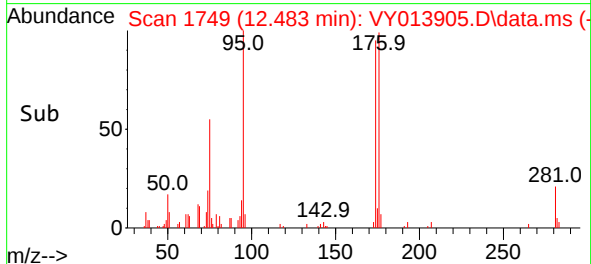
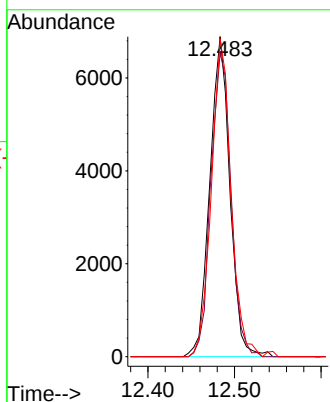
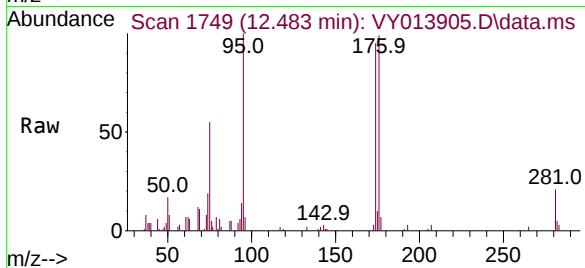




#62
4-Bromofluorobenzene
Concen: 31.665 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

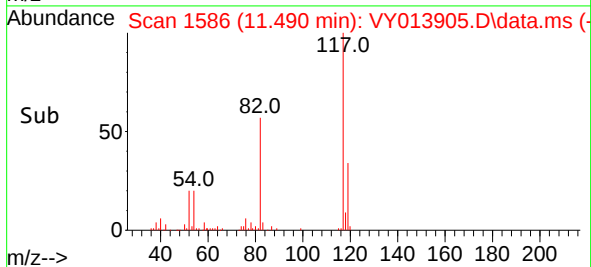
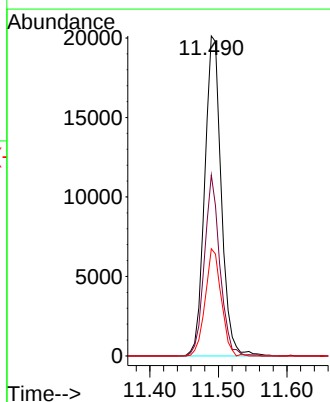
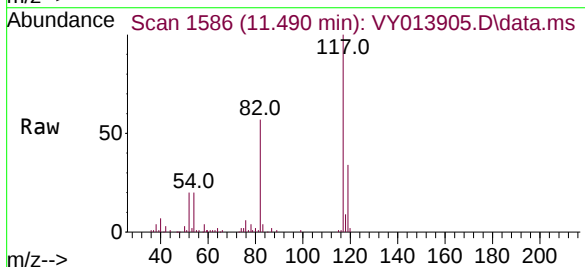
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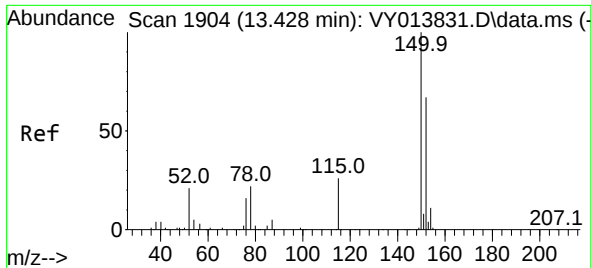
Tgt Ion: 95 Resp: 11098
Ion Ratio Lower Upper
95 100
174 95.2 0.0 176.0
176 97.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion: 117 Resp: 33884
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.4
119 33.5 25.7 38.5

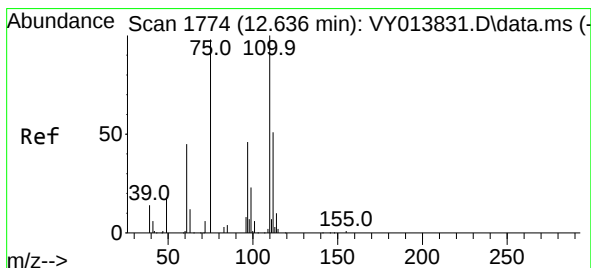
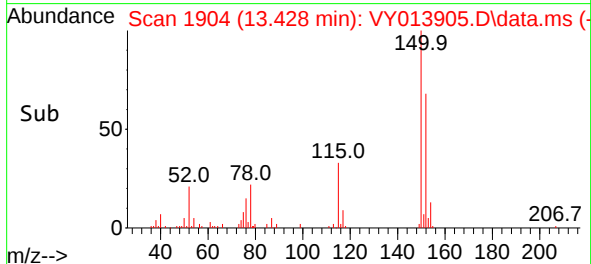
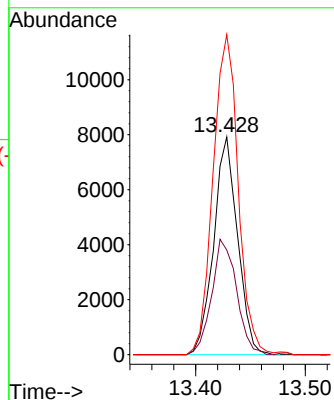
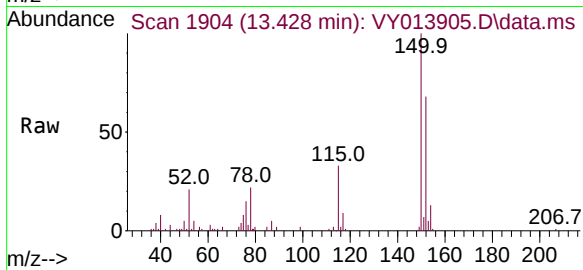




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 11979
Delta R.T. 0.000 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

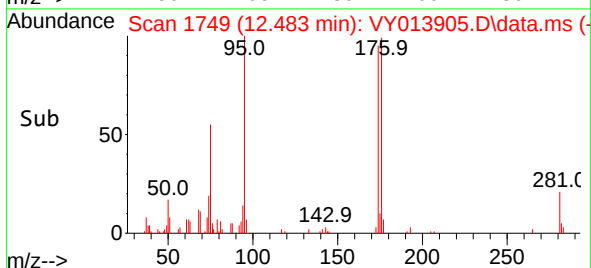
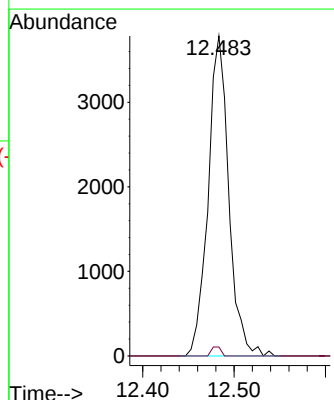
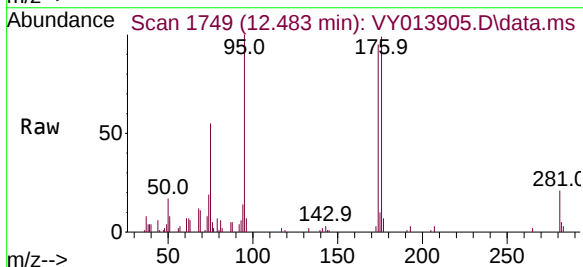
Instrument :
MSVOA_Y
ClientSampleId :
SB22

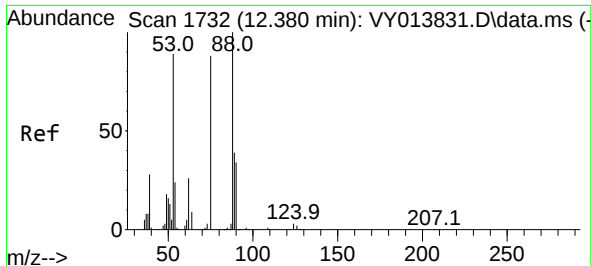
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.8	86.5
150	155.0	0.0	353.4



#76
1,2,3-Trichloropropane
Concen: 42.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

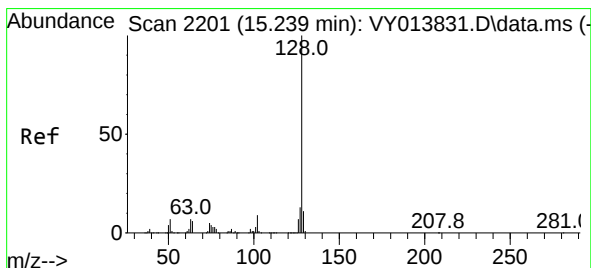
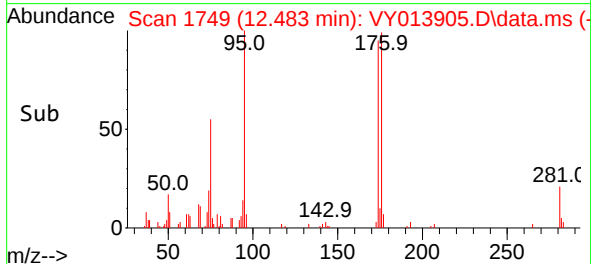
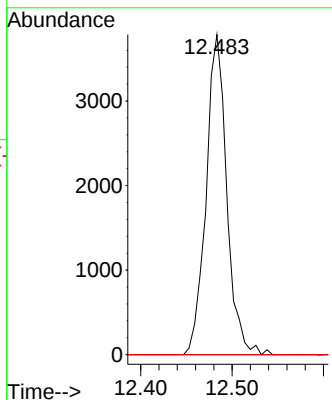
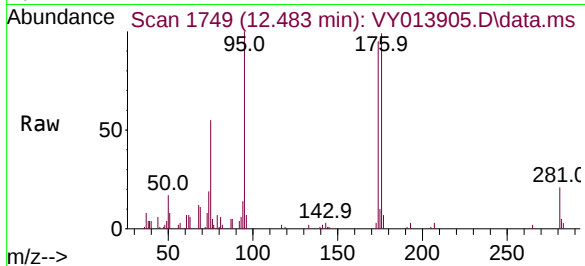




#81
trans-1,4-Dichloro-2-butene
Concen: 91.193 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Instrument :
MSVOA_Y
ClientSampleId :
SB22

Tgt Ion: 75 Resp: 5934
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.595 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion: 128 Resp: 26
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

