

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013877.D
 Acq On : 25 May 2023 16:47
 Operator : KP/MD
 Sample : 02908-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10ARE

Quant Time: May 26 04:34:36 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)

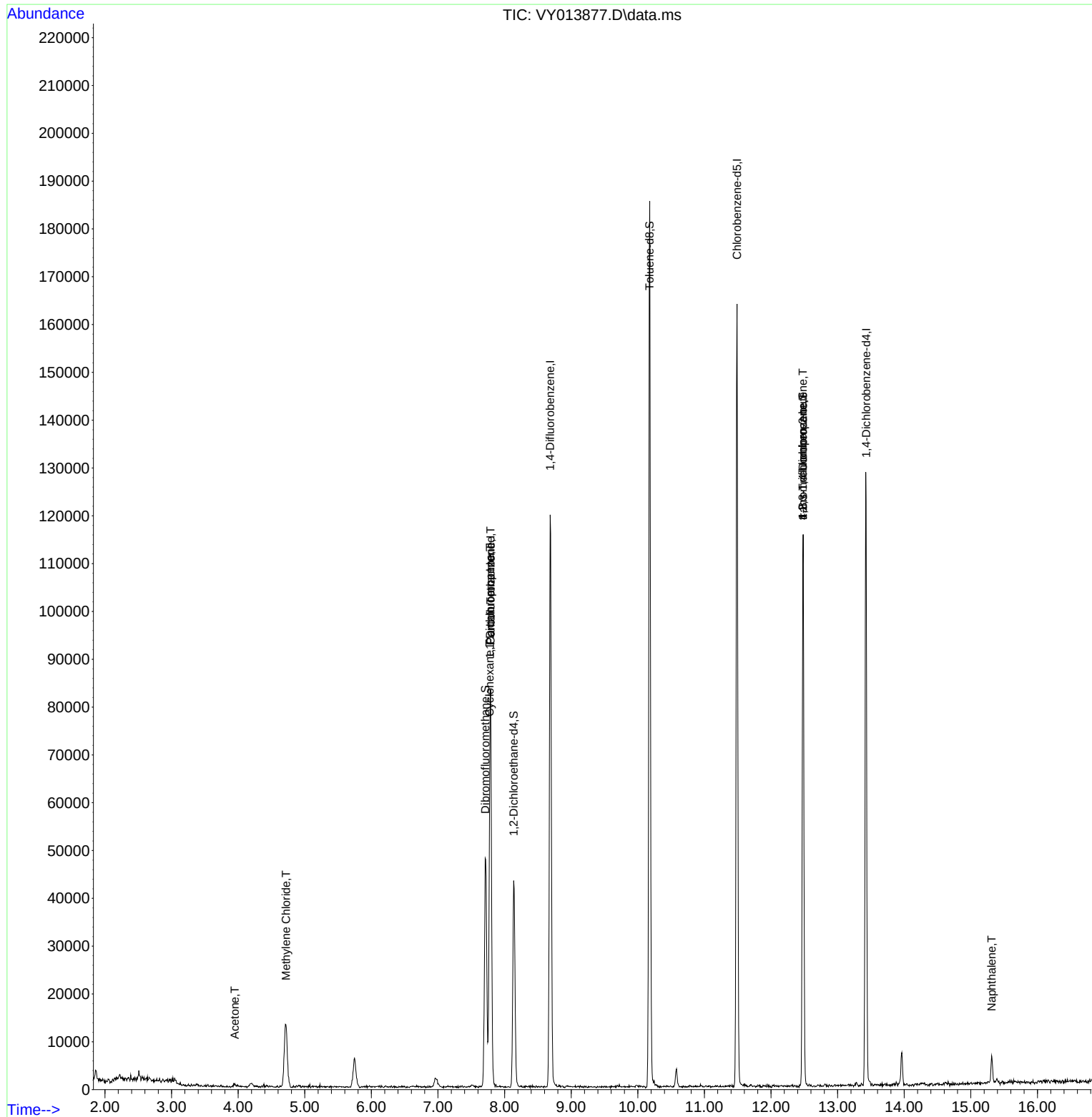
Internal Standards						
1) Pentafluorobenzene	7.789	168	65908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	99451	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	89256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36228	47.513	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.020%
35) Dibromofluoromethane	7.710	113	33829	52.672	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.179	98	119862	49.103	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.477	95	31657	39.015	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.040%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	693	3.062	ug/l #	65
20) Methylene Chloride	4.716	84	9708	10.070	ug/l #	89
31) Cyclohexane	7.777	56	1451	1.239	ug/l #	45
36) 1,1-Dichloropropene	7.783	75	5073	5.186	ug/l #	51
38) Carbon Tetrachloride	7.789	117	6610	5.942	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	17767	43.694	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17767	94.846	ug/l #	10
95) Naphthalene	15.312	128	143	4.637	ug/l #	68

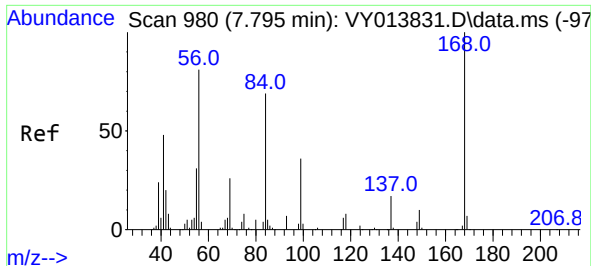
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

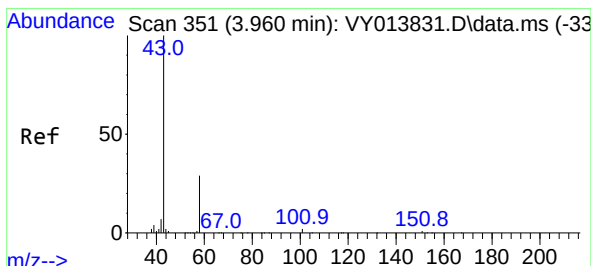
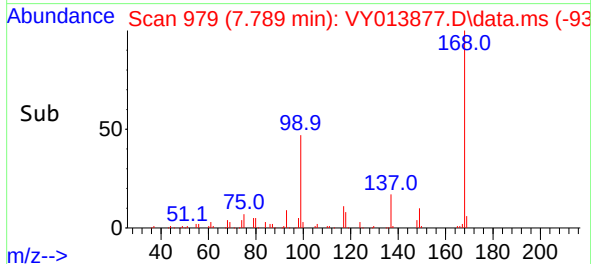
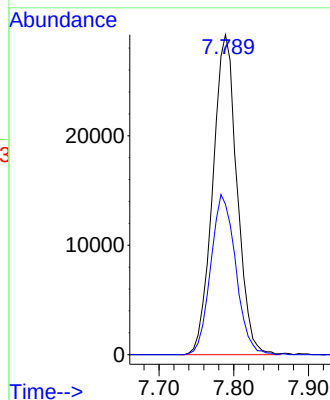
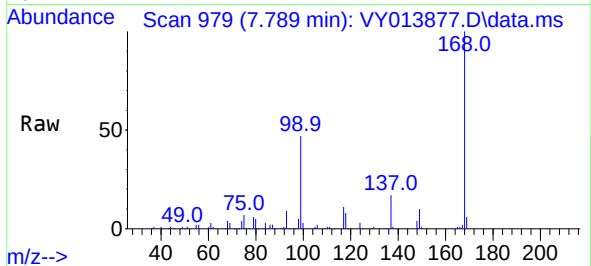




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

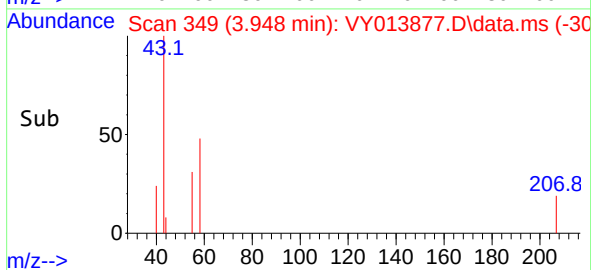
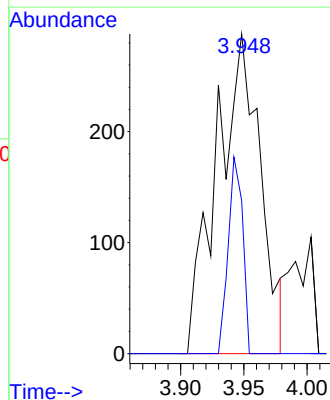
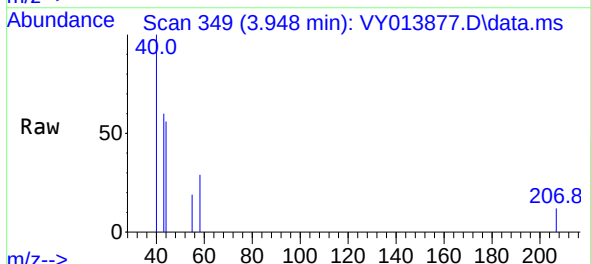
Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

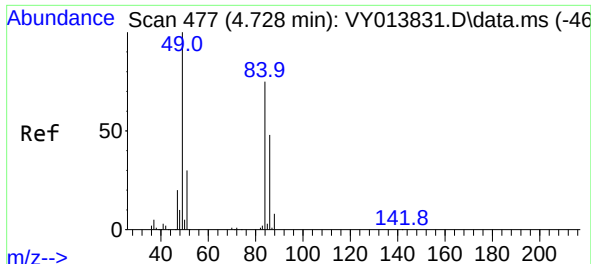
Tgt Ion:168 Resp: 65908
Ion Ratio Lower Upper
168 100
99 47.0 43.4 65.2



#16
Acetone
Concen: 3.062 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 47.9 23.3 34.9#

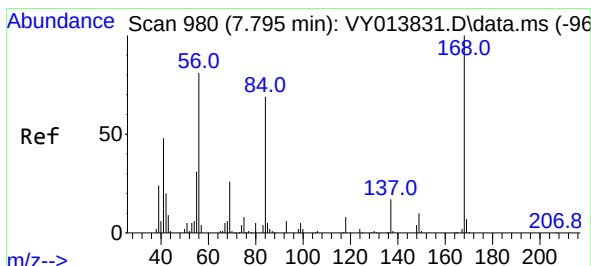
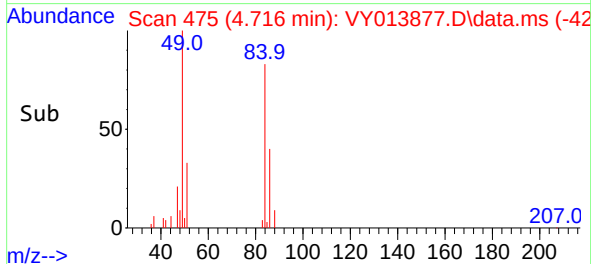
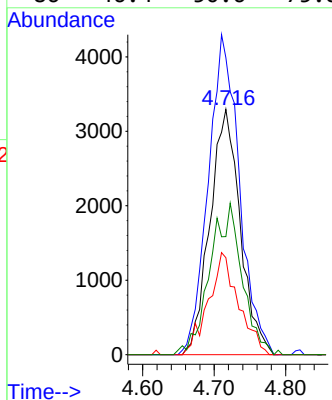
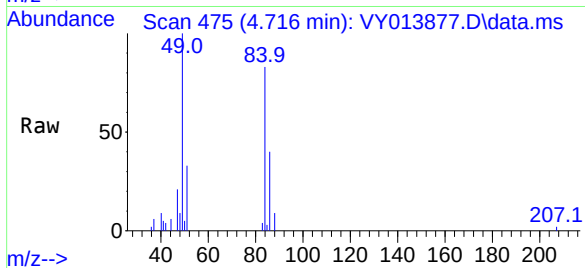




#20
Methylene Chloride
Concen: 10.070 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

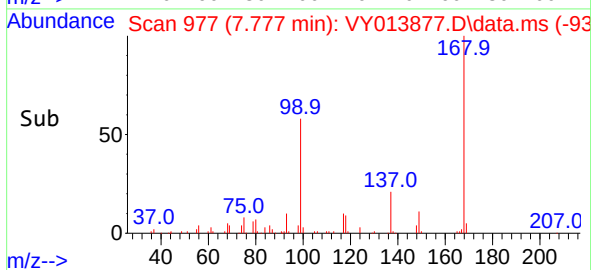
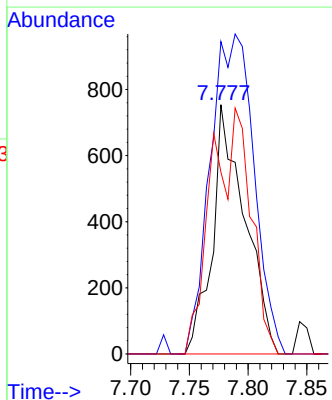
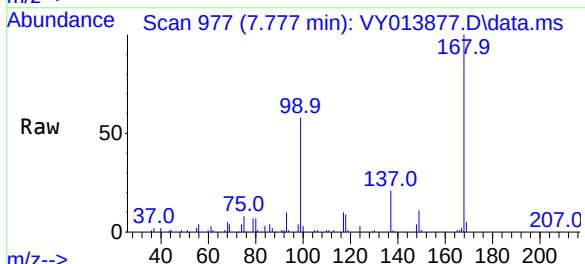
Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

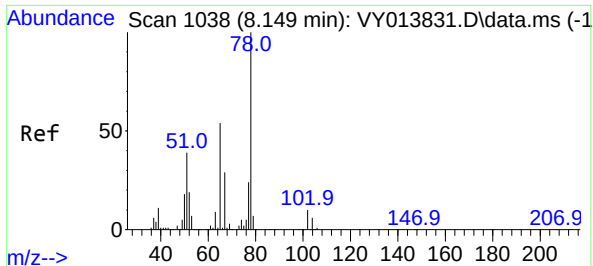
Tgt Ion:	84	Resp:	9708
Ion	Ratio	Lower	Upper
84	100		
49	121.1	106.2	159.2
51	39.5	31.4	47.0
86	46.4	50.6	75.8



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.018 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Tgt Ion:	56	Resp:	1451
Ion	Ratio	Lower	Upper
56	100		
69	125.3	25.8	38.8
84	72.9	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 47.513 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013877.D

Acq: 25 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

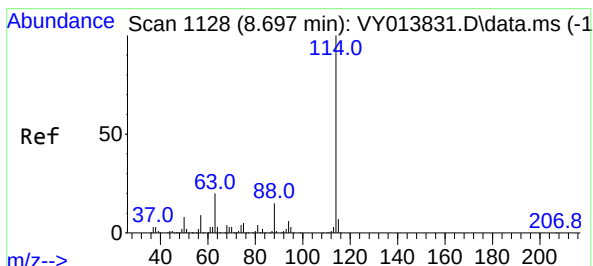
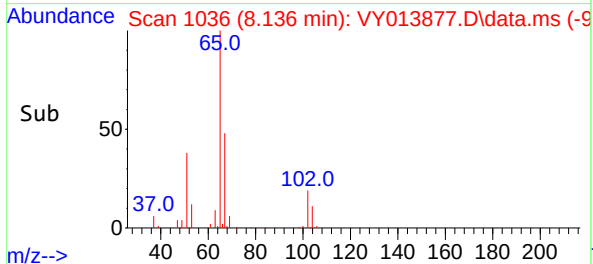
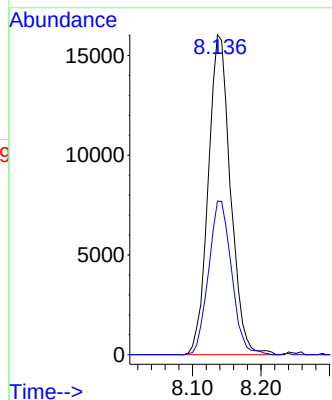
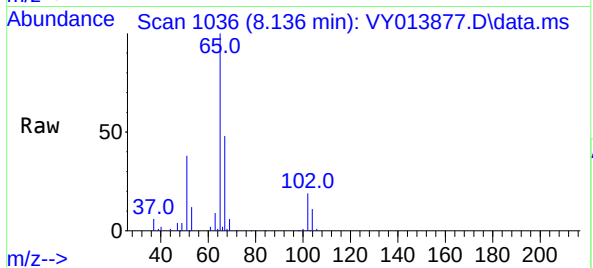
SB10ARE

Tgt Ion: 65 Resp: 36228

Ion Ratio Lower Upper

65 100

67 49.6 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: VY013877.D

Acq: 25 May 2023 16:47

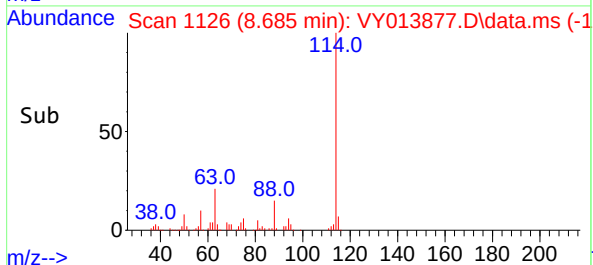
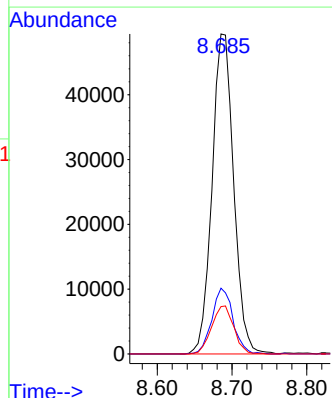
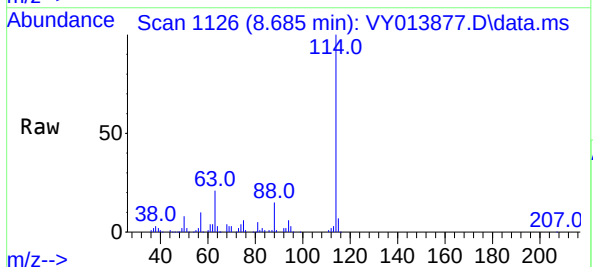
Tgt Ion:114 Resp: 99451

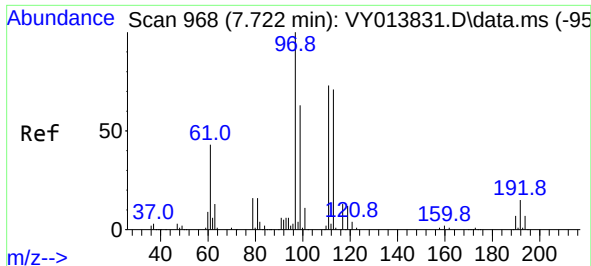
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.8 0.0 30.0

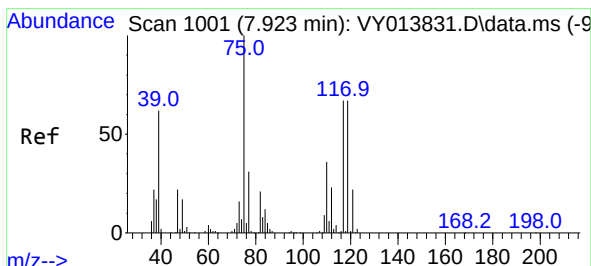
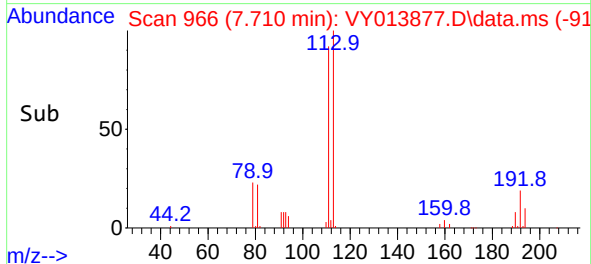
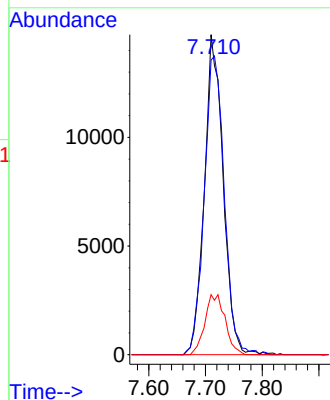
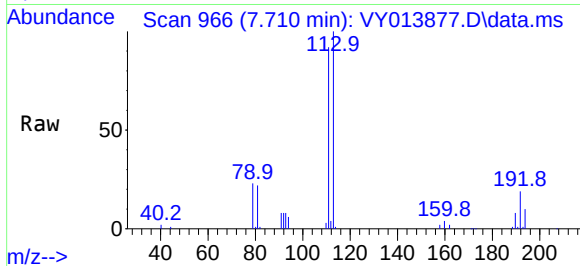




#35
Dibromofluoromethane
Concen: 52.672 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

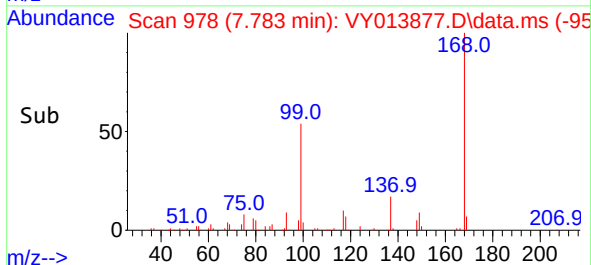
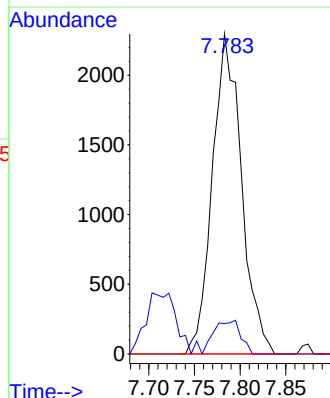
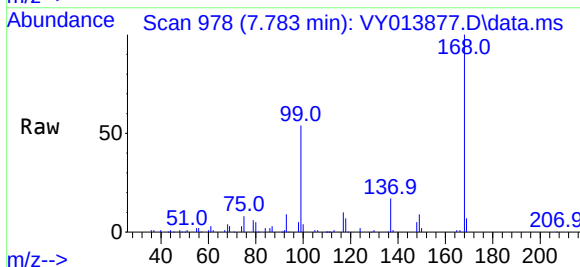
Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

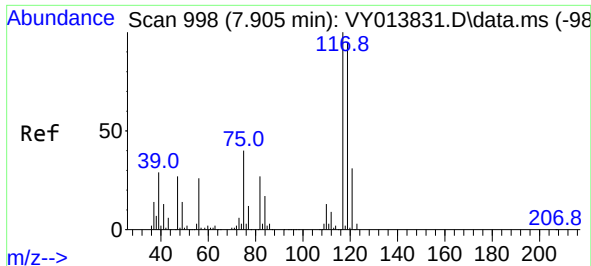
Tgt Ion:113 Resp: 33829
Ion Ratio Lower Upper
113 100
111 100.0 80.4 120.6
192 20.2 16.6 25.0



#36
1,1-Dichloropropene
Concen: 5.186 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

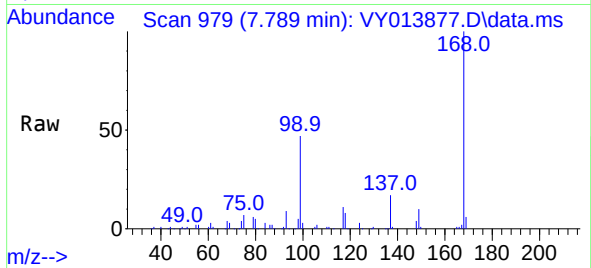
Tgt Ion: 75 Resp: 5073
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.6#
77 0.0 24.4 36.6#



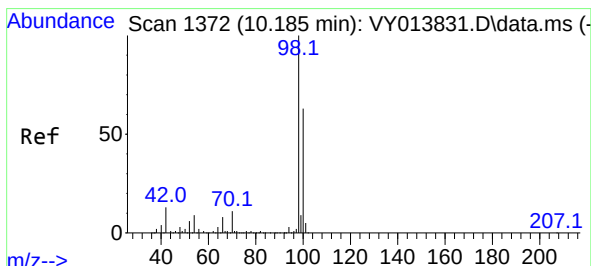
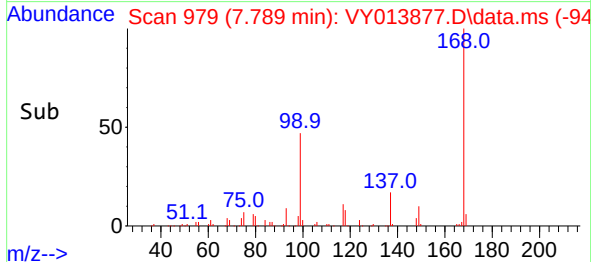
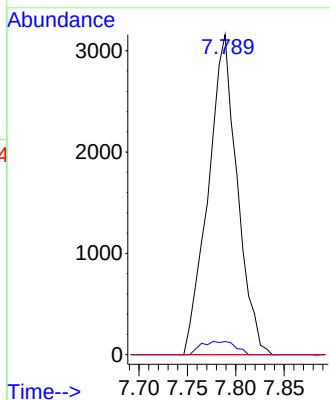


#38
Carbon Tetrachloride
Concen: 5.942 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

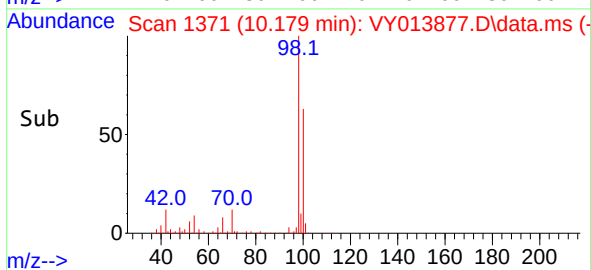
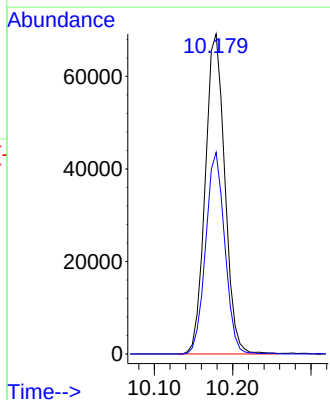
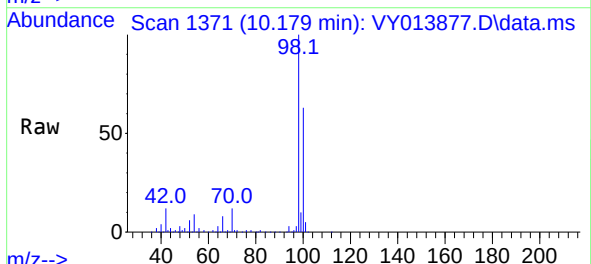


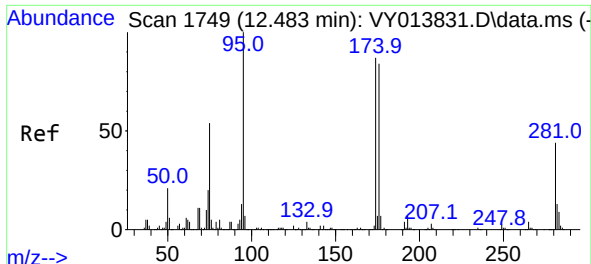
Tgt Ion:117 Resp: 6610
Ion Ratio Lower Upper
117 100
119 4.1 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Tgt Ion: 98 Resp: 119862
Ion Ratio Lower Upper
98 100
100 61.5 50.8 76.2

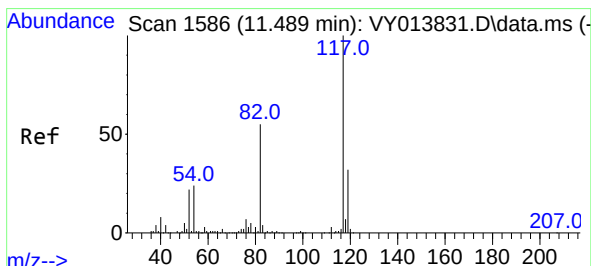
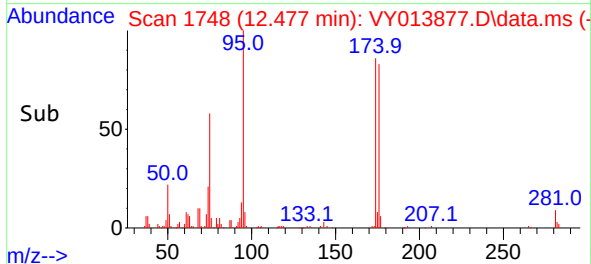
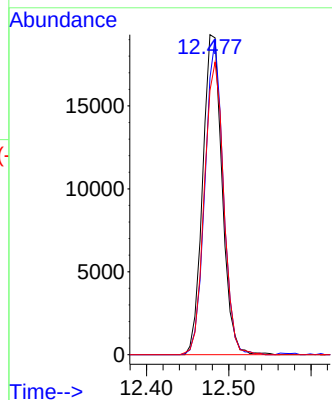
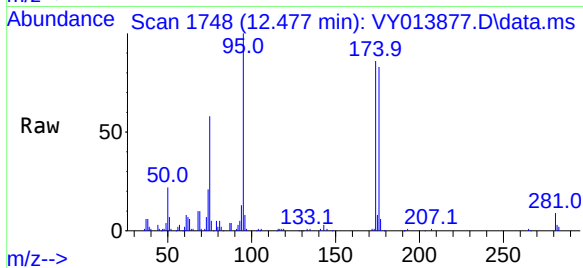




#62
4-Bromofluorobenzene
Concen: 39.015 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

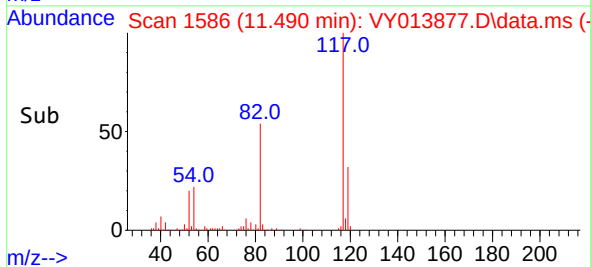
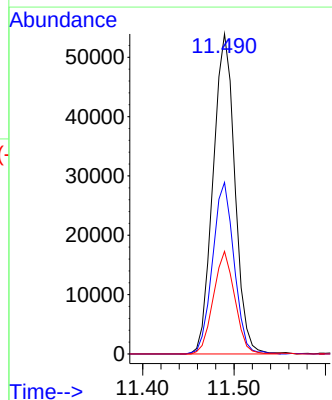
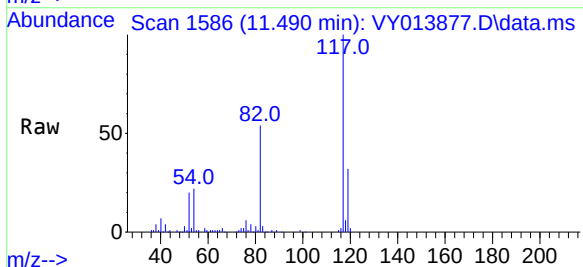
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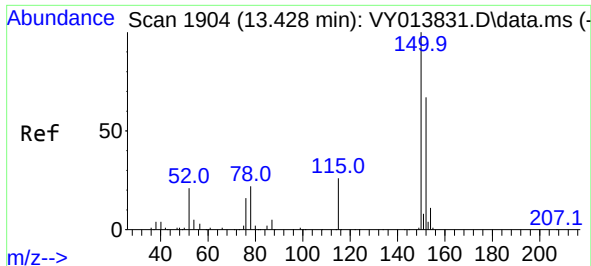
Tgt Ion: 95 Resp: 31657
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.0
176 90.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

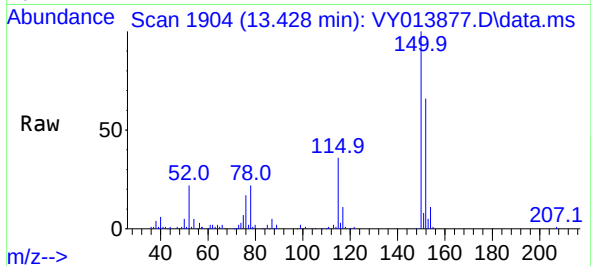
Tgt Ion: 117 Resp: 89256
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.4
119 32.0 25.7 38.5



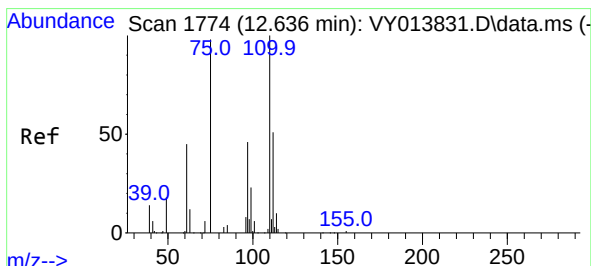
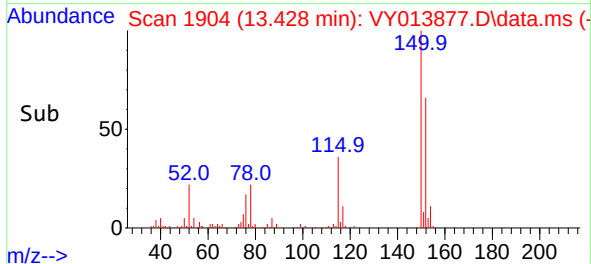
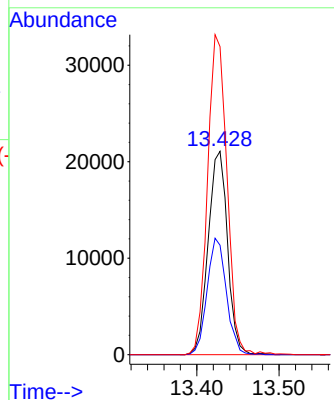


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

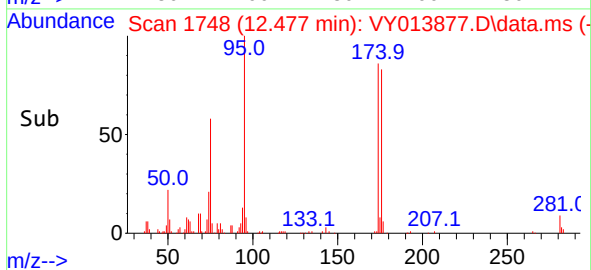
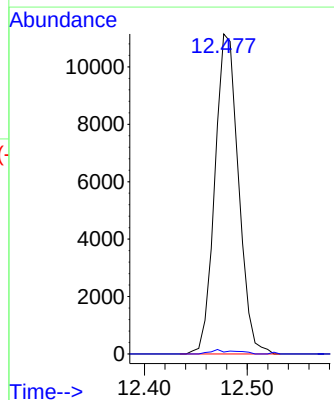
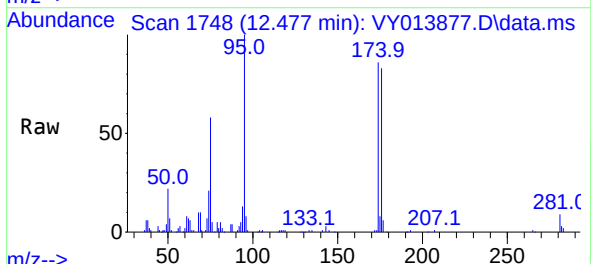


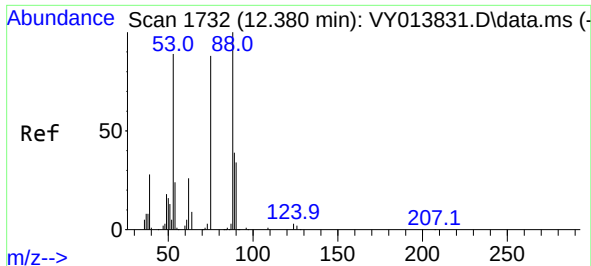
Tgt Ion:152 Resp: 34485
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 157.8 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 43.694 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Tgt Ion: 75 Resp: 17767
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

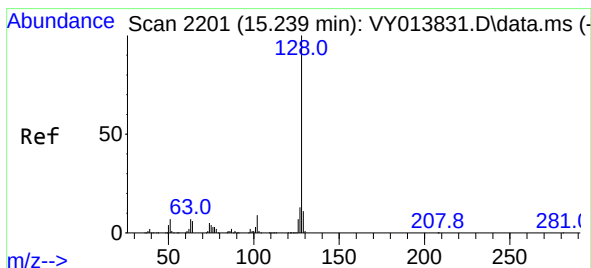
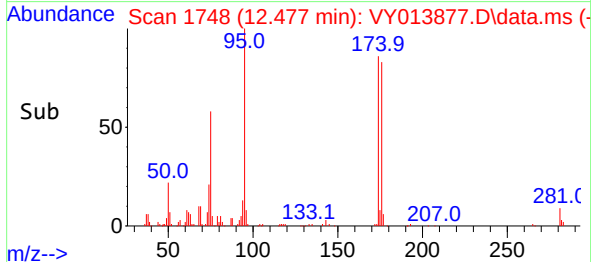
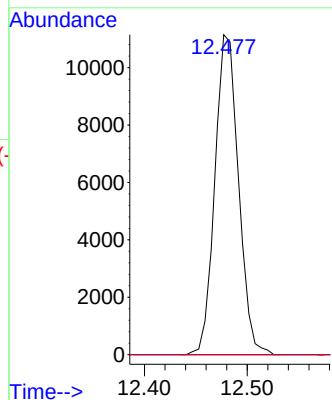
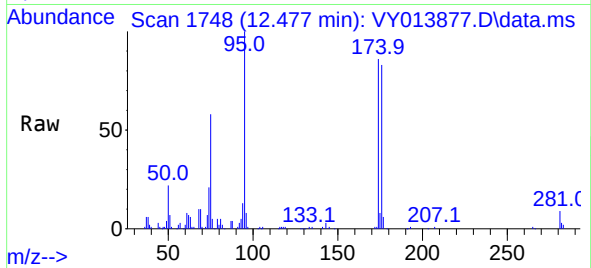




#81
trans-1,4-Dichloro-2-butene
Concen: 94.846 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

Tgt Ion: 75 Resp: 17767
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.637 ug/l
RT: 15.312 min Scan# 2213
Delta R.T. 0.073 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Tgt Ion: 128 Resp: 143
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

