

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013824.D
 Acq On : 19 May 2023 16:28
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 22 04:21:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

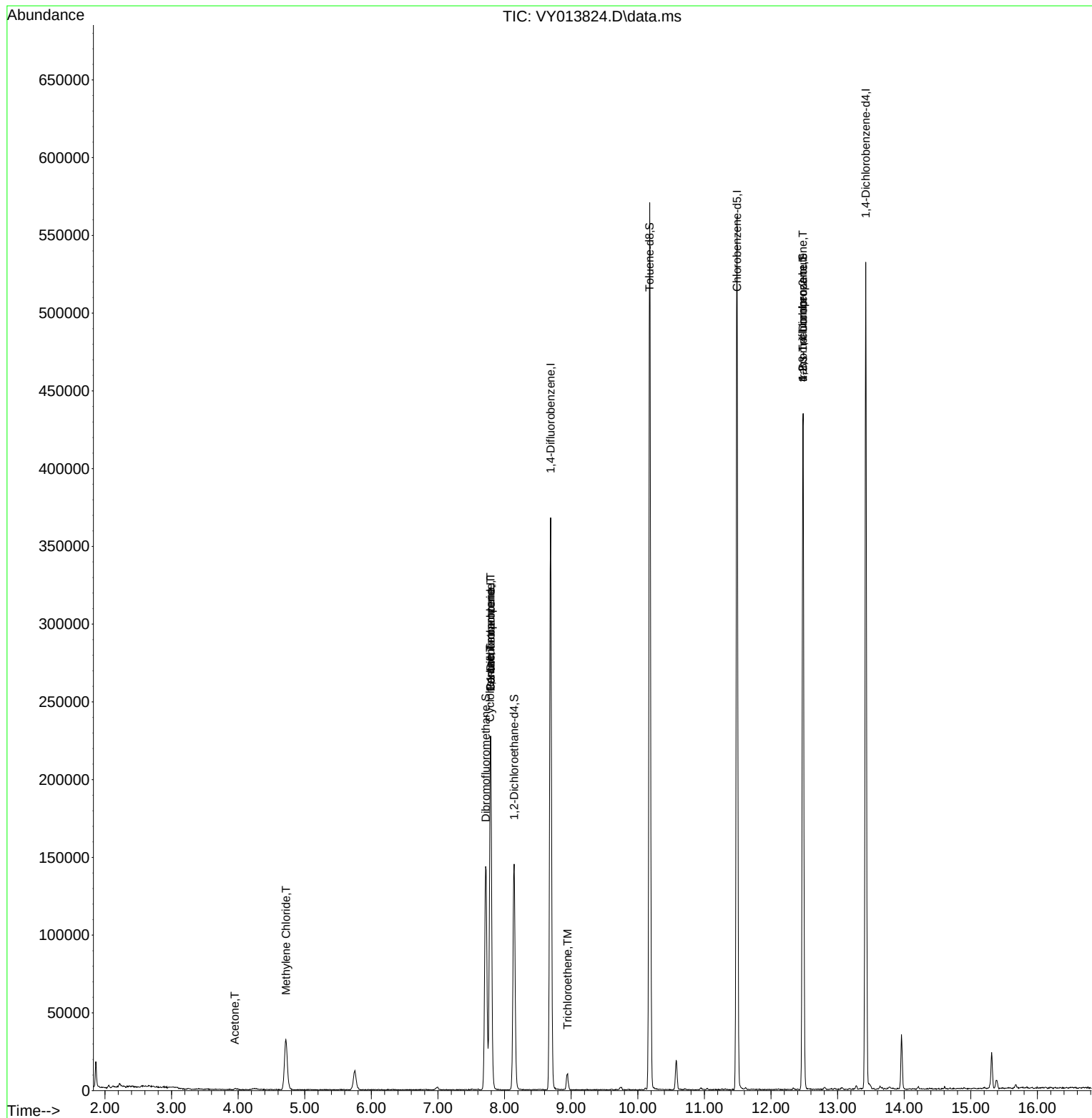
Internal Standards						
1) Pentafluorobenzene	7.789	168	174442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119594	59.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.040%	
35) Dibromofluoromethane	7.716	113	100375	52.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.179	98	366385	50.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.477	95	116625	48.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.620%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1367	2.236	ug/l #	68
20) Methylene Chloride	4.716	84	23484	7.528	ug/l	90
31) Cyclohexane	7.783	56	4252	1.463	ug/l #	44
36) 1,1-Dichloropropene	7.789	75	14021	5.293	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16897	6.047	ug/l #	15
44) Trichloroethene	8.947	130	3640	1.809	ug/l	86
76) 1,2,3-Trichloropropane	12.477	75	65232	40.317	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65232	89.760	ug/l #	12

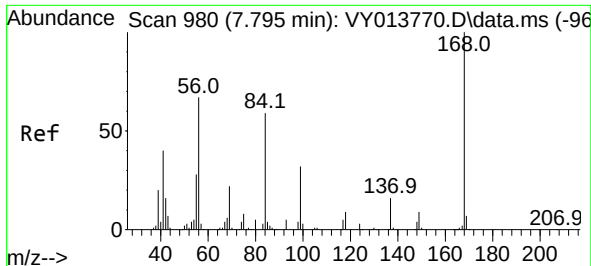
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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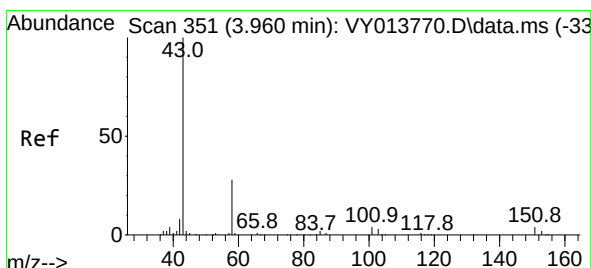
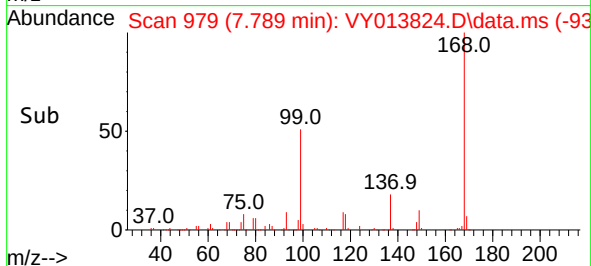
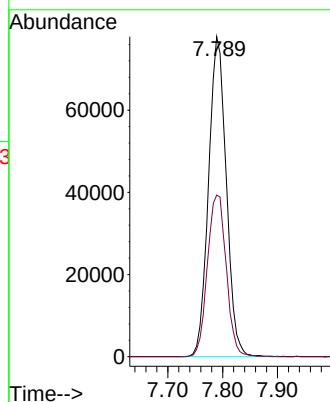
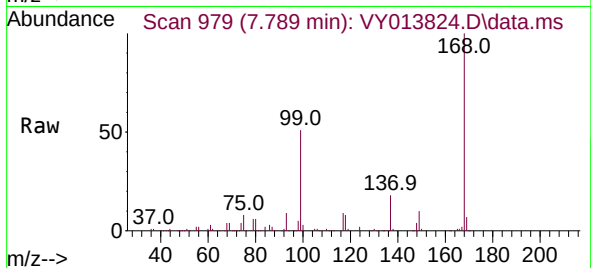




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

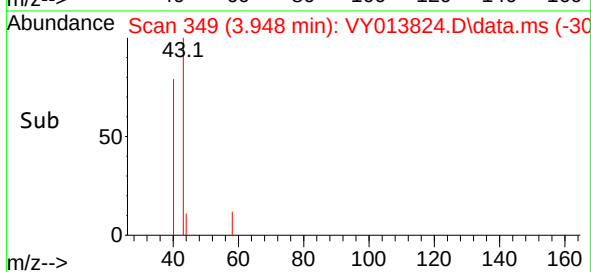
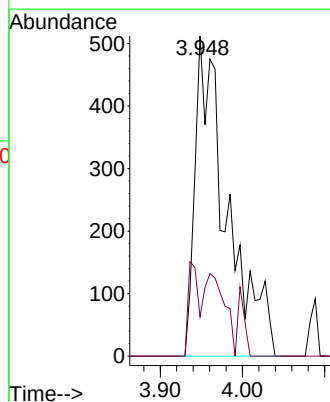
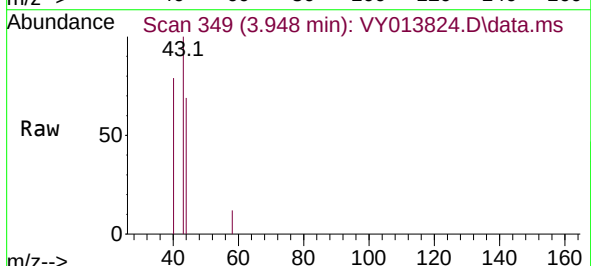
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

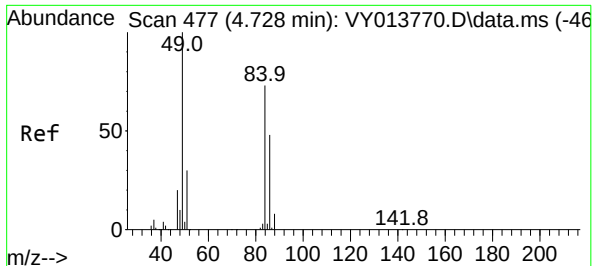
Tgt Ion:168 Resp: 174442
Ion Ratio Lower Upper
168 100
99 50.5 44.0 66.0



#16
Acetone
Concen: 2.236 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 12.3 23.7 35.5#

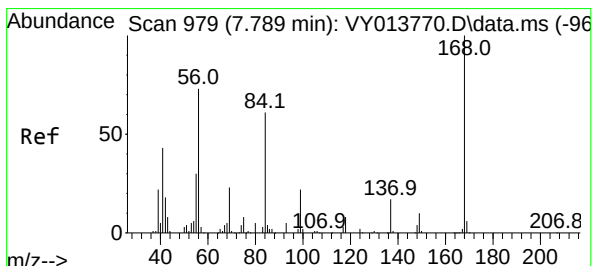
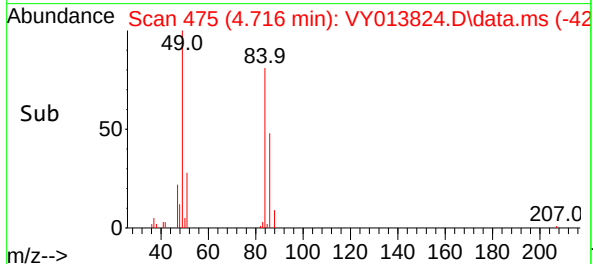
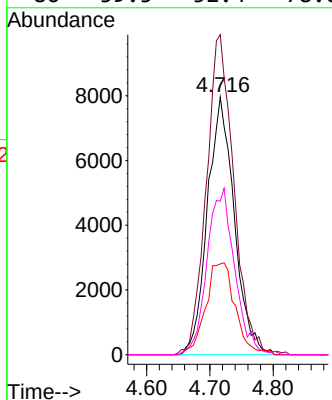
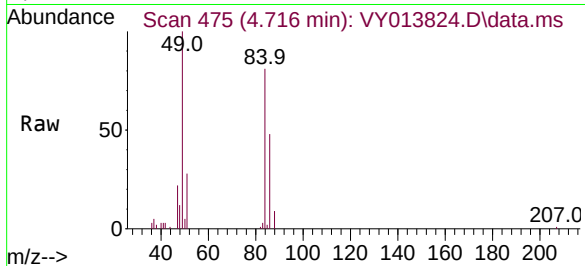




#20
Methylene Chloride
Concen: 7.528 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

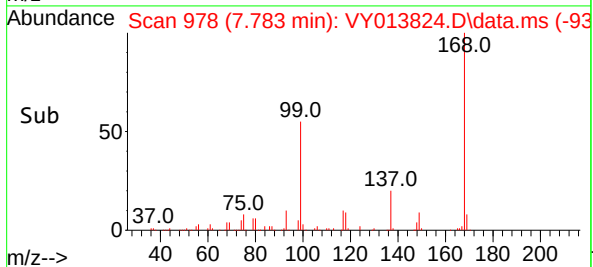
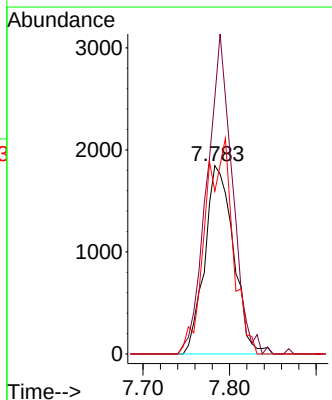
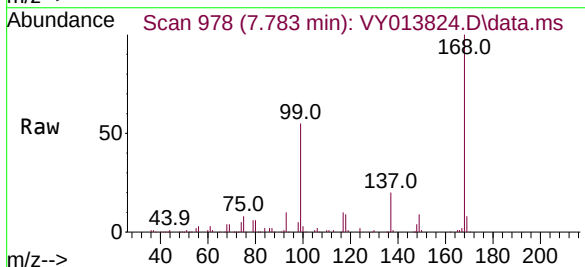
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

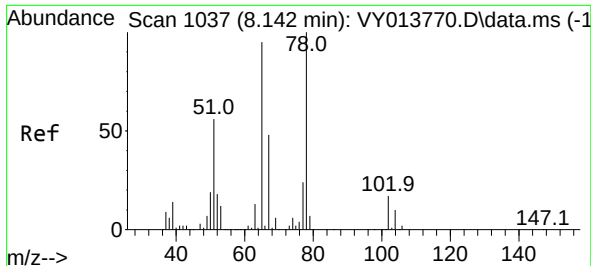
Tgt Ion:	84	Resp:	23484
Ion	Ratio	Lower	Upper
84	100		
49	123.5	109.4	164.0
51	35.2	32.8	49.2
86	59.5	52.4	78.6



#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion:	56	Resp:	4252
Ion	Ratio	Lower	Upper
56	100		
69	136.2	25.8	38.6#
84	86.3	65.8	98.6





#33

1,2-Dichloroethane-d4

Concen: 59.017 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY013824.D

Acq: 19 May 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

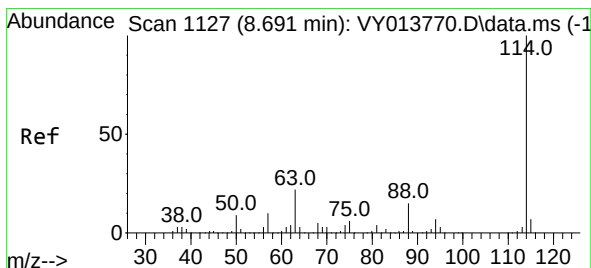
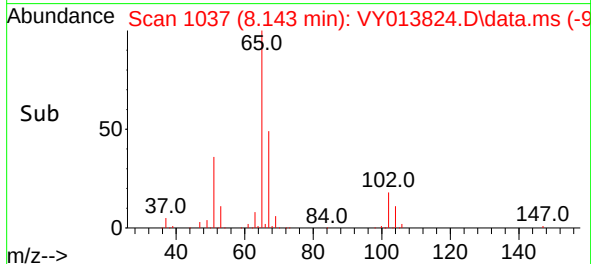
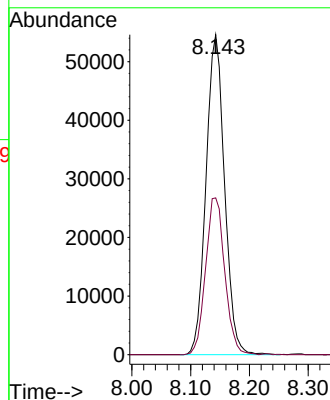
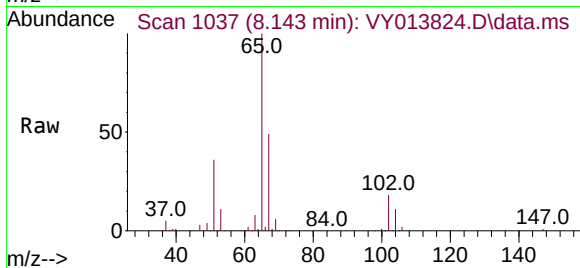
VIBLK

Tgt Ion: 65 Resp: 119594

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013824.D

Acq: 19 May 2023 16:28

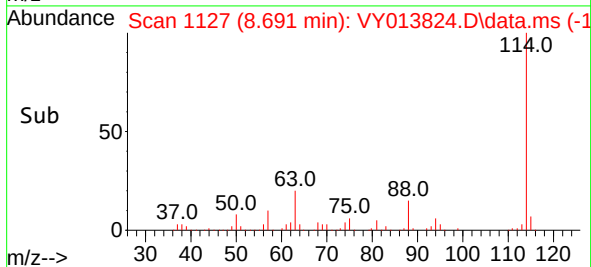
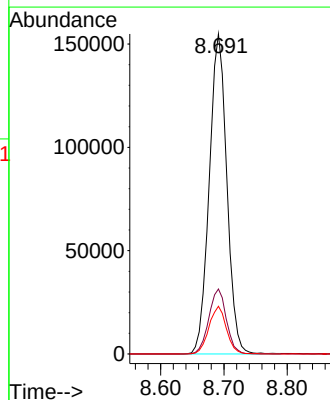
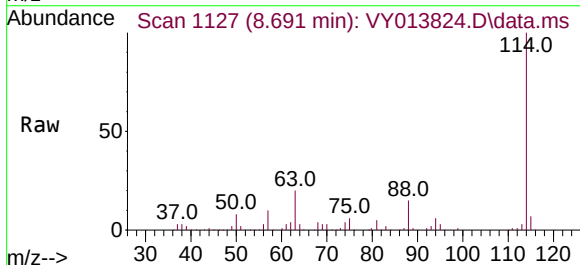
Tgt Ion: 114 Resp: 298969

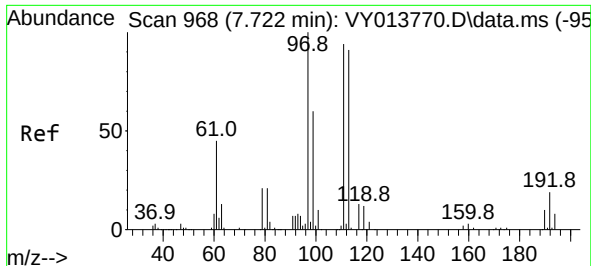
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.8

88 14.9 0.0 30.8

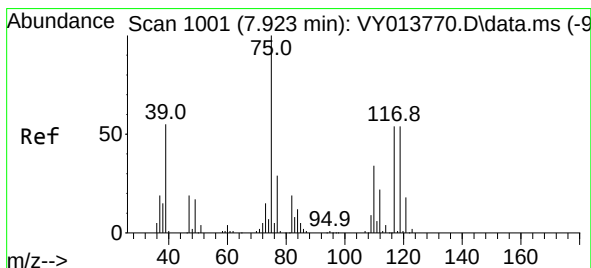
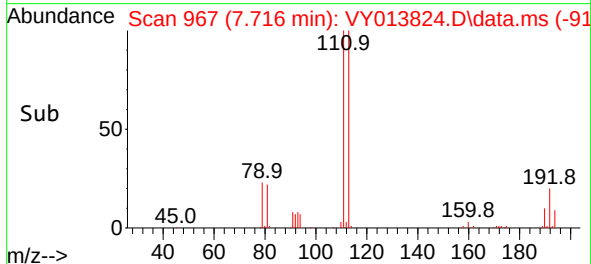
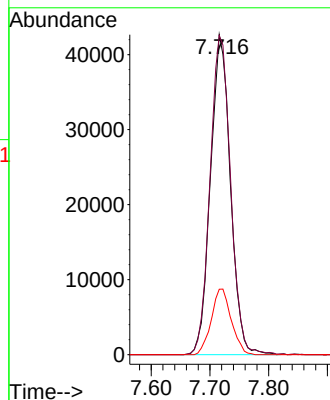
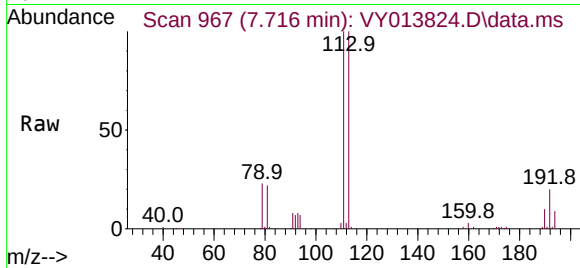




#35
Dibromofluoromethane
Concen: 52.356 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

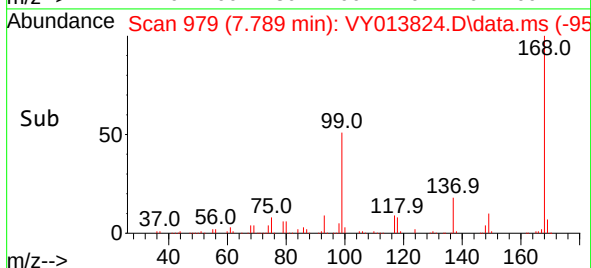
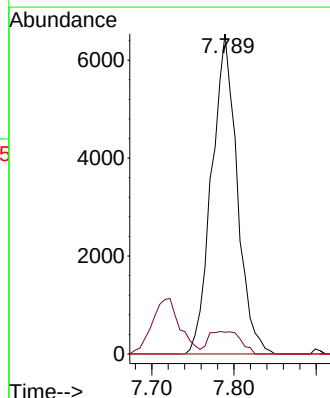
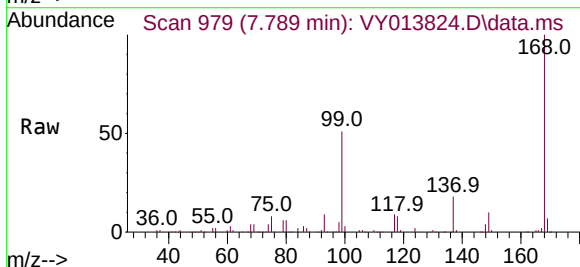
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

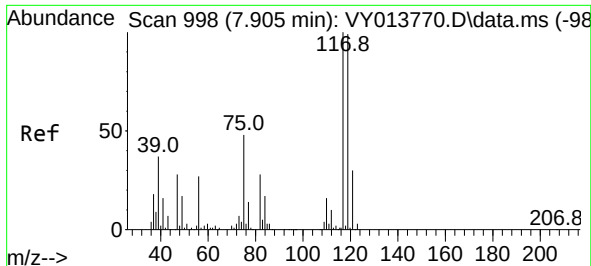
Tgt Ion:113 Resp: 100375
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 20.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.293 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion: 75 Resp: 14021
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.7#
77 0.0 24.6 36.8#

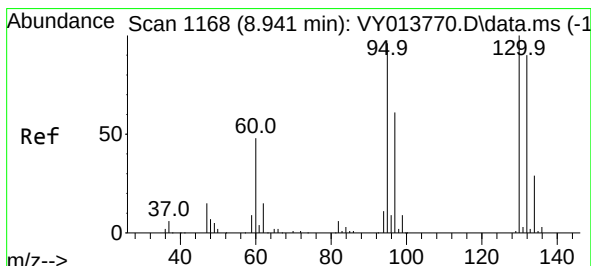
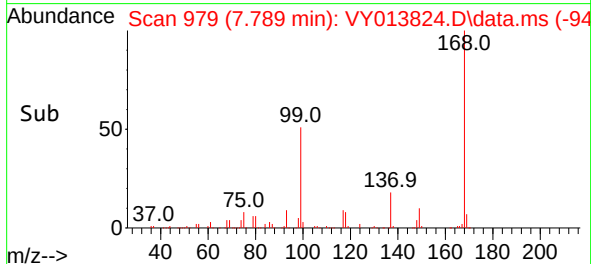
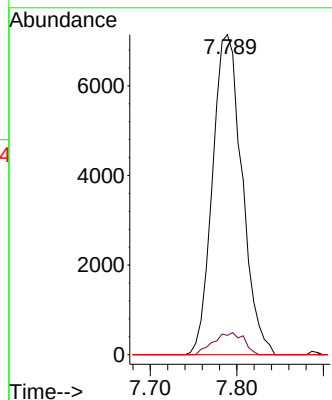
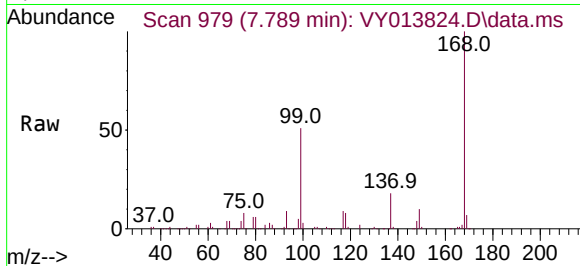




#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

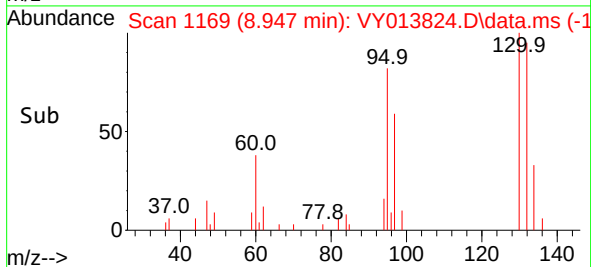
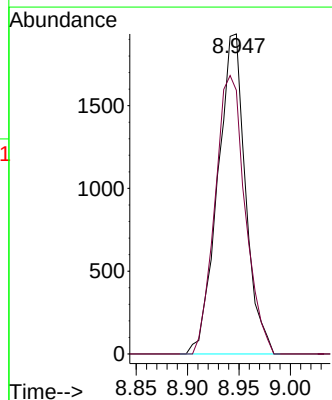
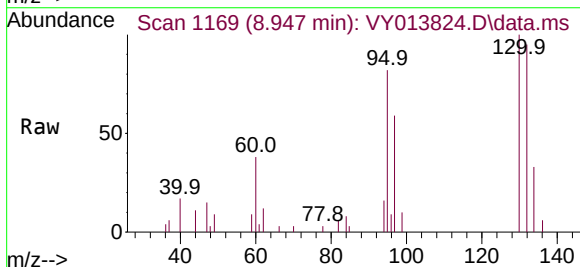
Instrument :
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VIBLK

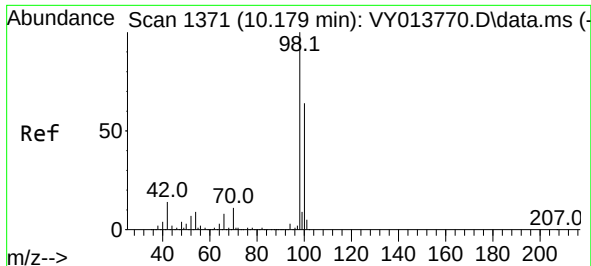
Tgt Ion:117 Resp: 16897
Ion Ratio Lower Upper
117 100
119 6.0 79.0 118.6#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 1.809 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion:130 Resp: 3640
Ion Ratio Lower Upper
130 100
95 82.4 0.0 193.0

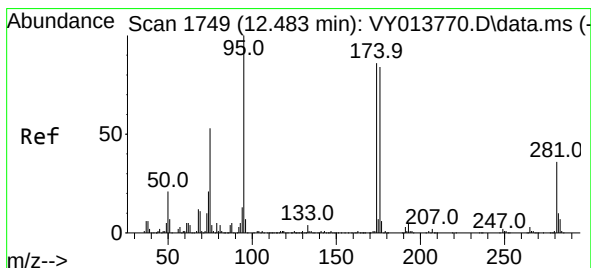
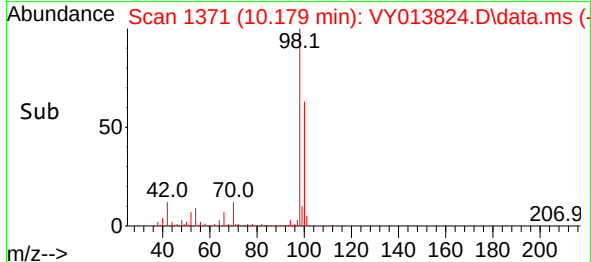
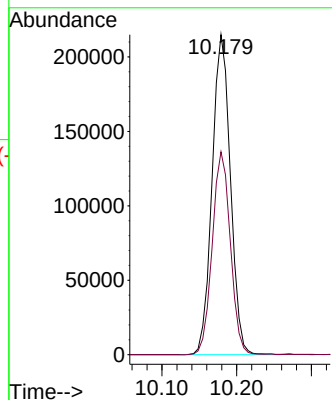
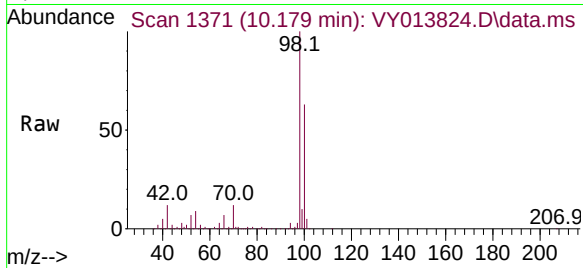




#50
Toluene-d8
Concen: 50.409 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

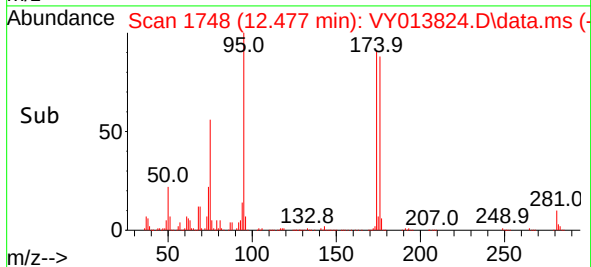
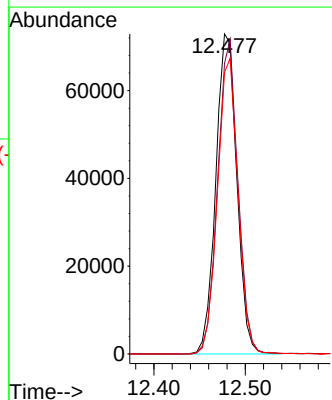
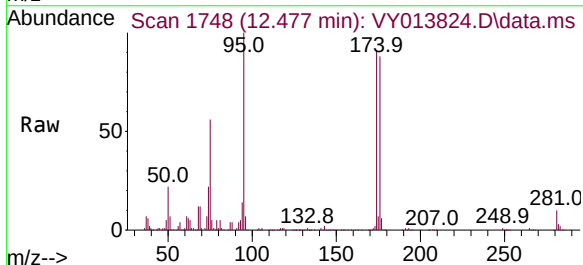
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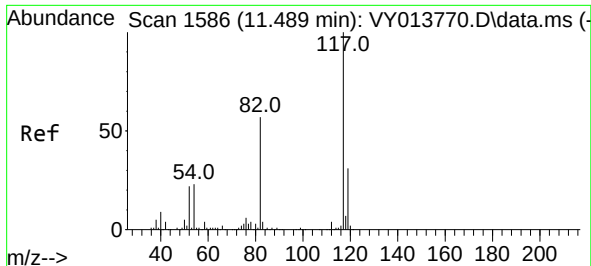
Tgt Ion: 98 Resp: 366385
Ion Ratio Lower Upper
98 100
100 62.7 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 48.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion: 95 Resp: 116625
Ion Ratio Lower Upper
95 100
174 95.2 0.0 168.8
176 90.7 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013824.D

Acq: 19 May 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

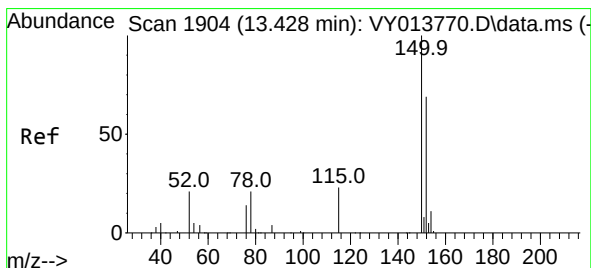
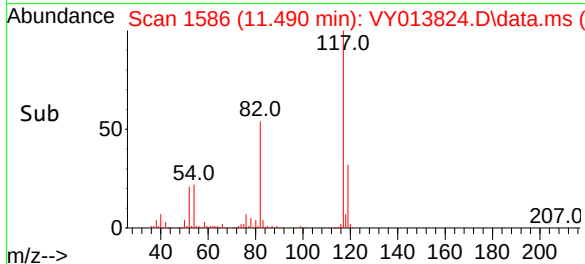
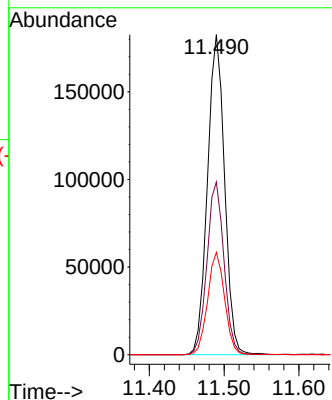
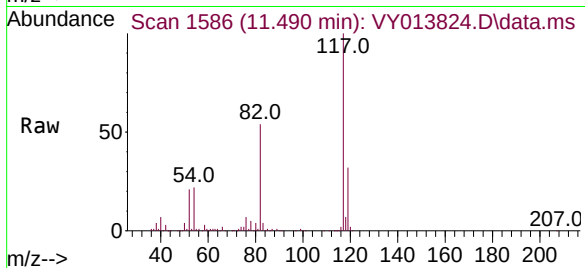
Tgt Ion:117 Resp: 290299

Ion Ratio Lower Upper

117 100

82 53.9 45.5 68.3

119 32.0 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013824.D

Acq: 19 May 2023 16:28

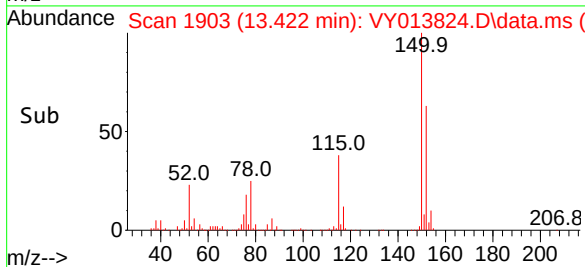
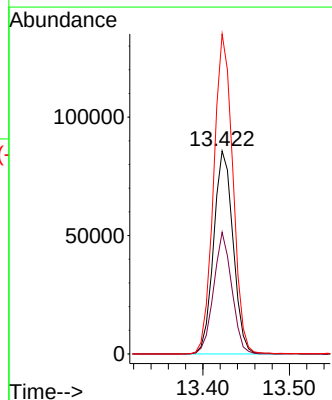
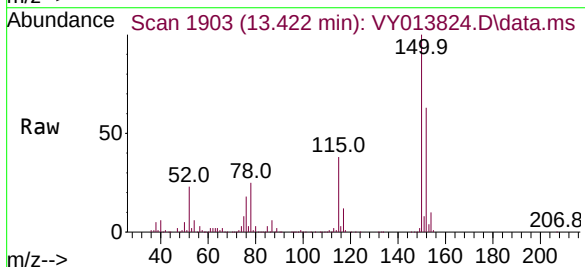
Tgt Ion:152 Resp: 133689

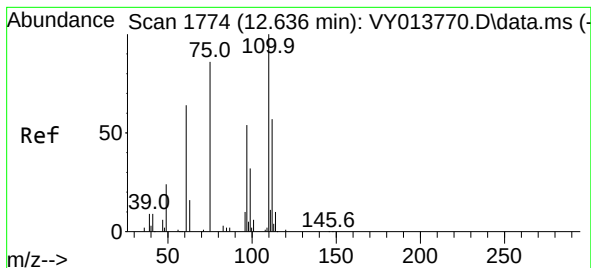
Ion Ratio Lower Upper

152 100

115 56.0 28.5 85.5

150 156.0 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 40.317 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY013824.D

Acq: 19 May 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

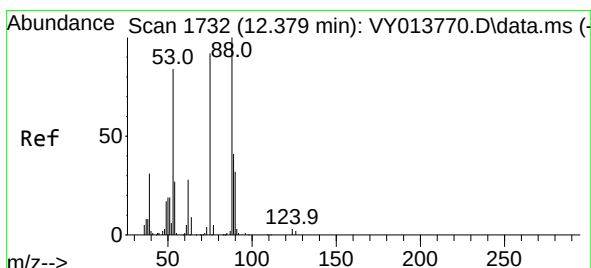
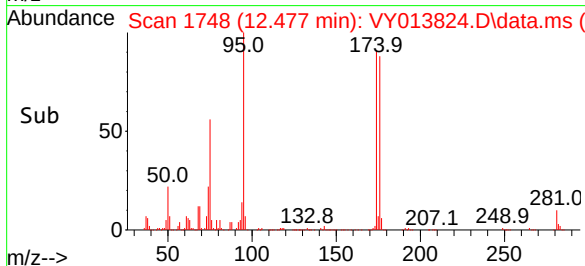
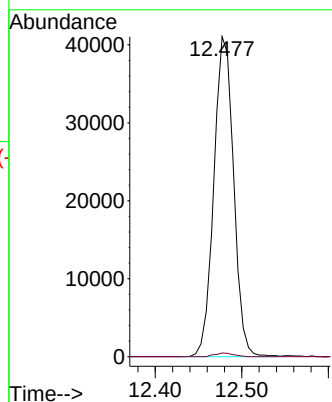
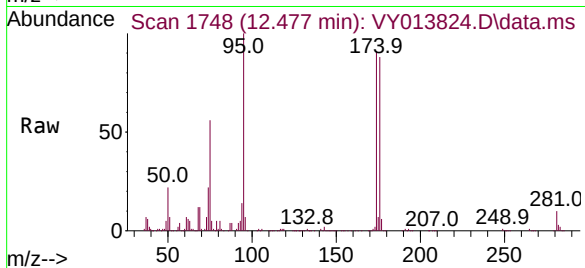
VIBLK

Tgt Ion: 75 Resp: 65232

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.760 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY013824.D

Acq: 19 May 2023 16:28

Tgt Ion: 75 Resp: 65232

Ion Ratio Lower Upper

75 100

53 0.3 75.3 112.9#

89 0.0 35.4 53.2#

