

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013581.D
 Acq On : 03 May 2023 15:00
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 04 01:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

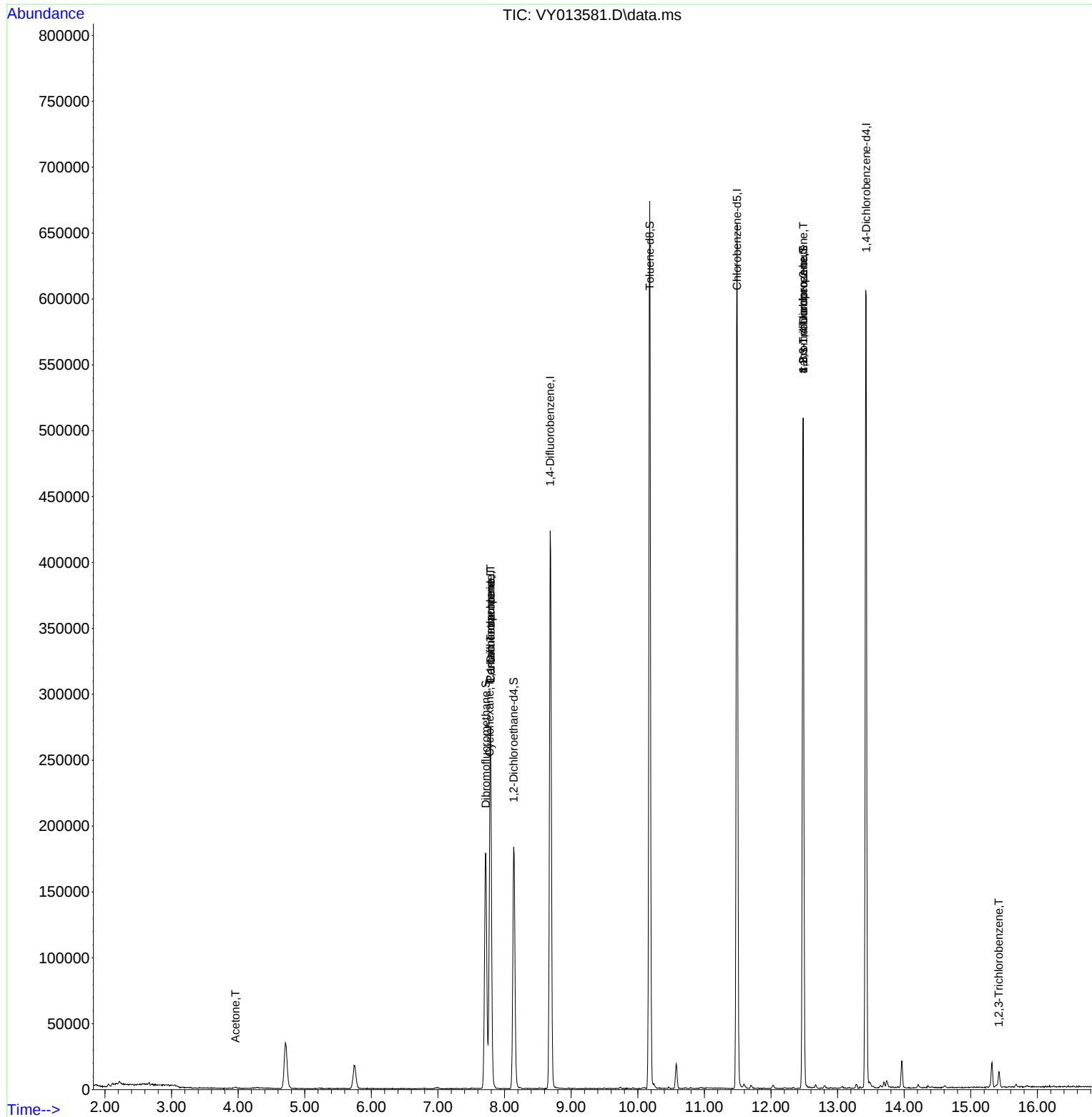
Internal Standards						
1) Pentafluorobenzene	7.789	168	212418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150261	64.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.060%			
35) Dibromofluoromethane	7.716	113	122799	54.778	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.560%			
50) Toluene-d8	10.179	98	436696	54.759	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.483	95	142008	52.820	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.640%			
Target Compounds						
13) Acrolein	3.723	56	42	Below Cal	#	16
16) Acetone	3.960	43	1755	1.914	ug/l	93
31) Cyclohexane	7.777	56	4897	1.175	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	16444	4.420	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21002	5.386	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	77282	36.366	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77282	74.388	ug/l #	13
96) 1,2,3-Trichlorobenzene	15.422	180	4013	1.520	ug/l	94

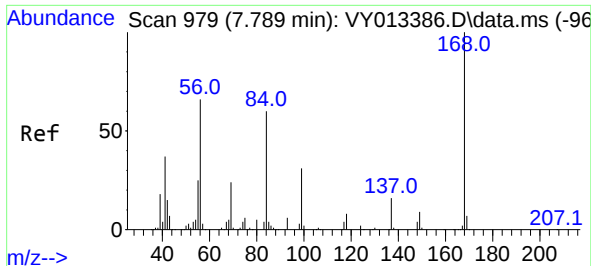
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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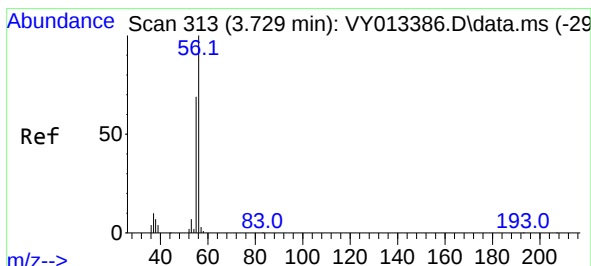
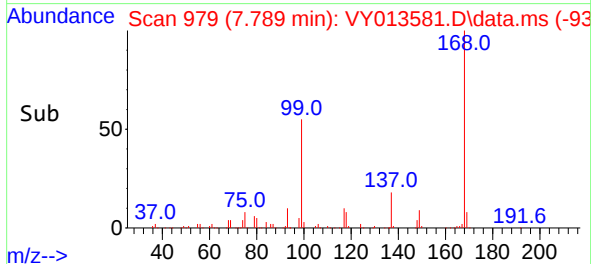
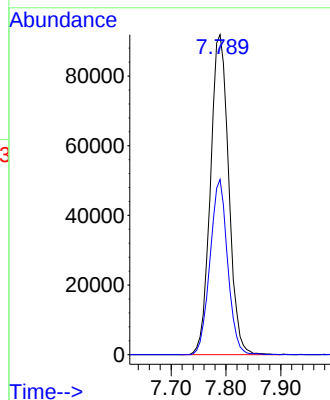
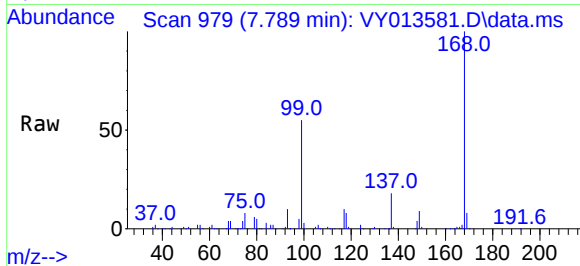




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

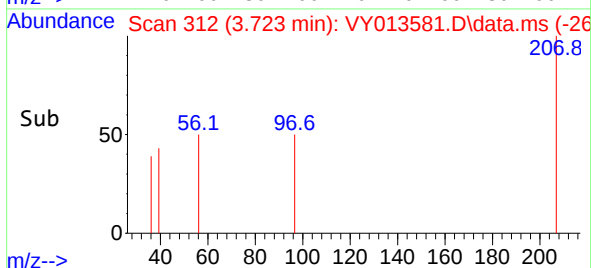
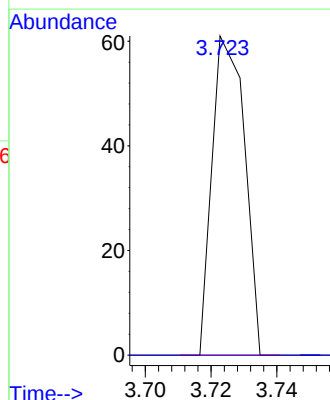
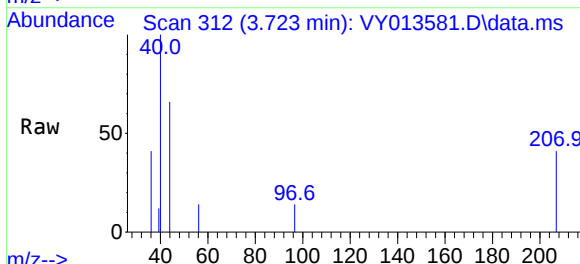
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

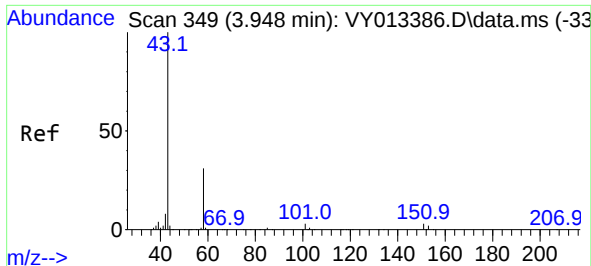
Tgt Ion:168 Resp: 212418
Ion Ratio Lower Upper
168 100
99 54.7 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

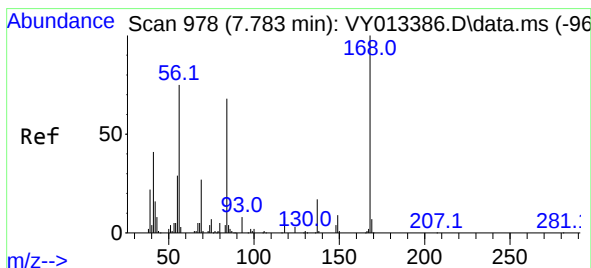
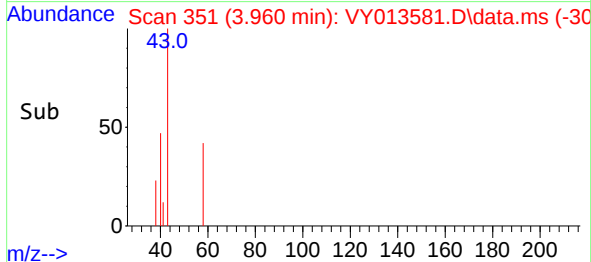
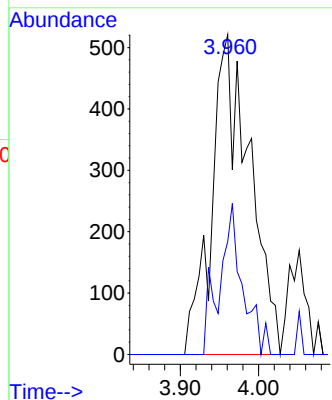
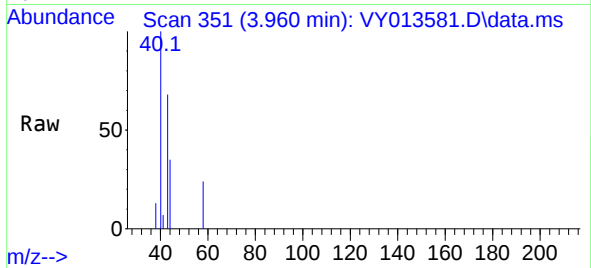




#16
Acetone
Concen: 1.914 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

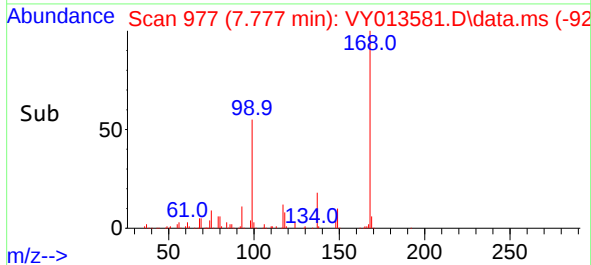
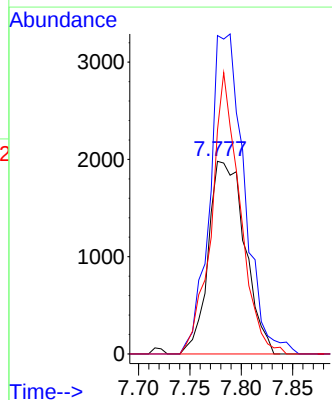
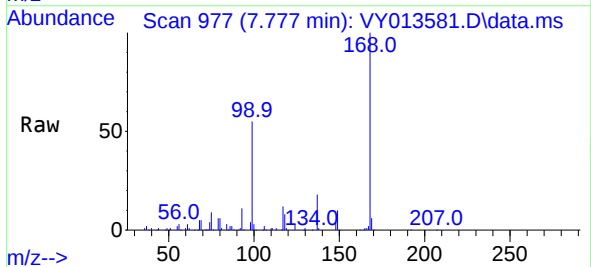
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

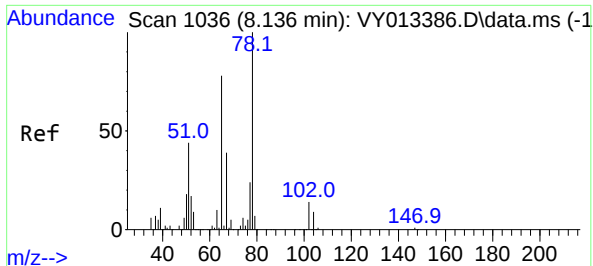
Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
58 35.3 25.4 38.0



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Tgt Ion: 56 Resp: 4897
Ion Ratio Lower Upper
56 100
69 165.2 29.2 43.8#
84 127.0 73.0 109.6#





#33

1,2-Dichloroethane-d4

Concen: 64.529 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013581.D

Acq: 03 May 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

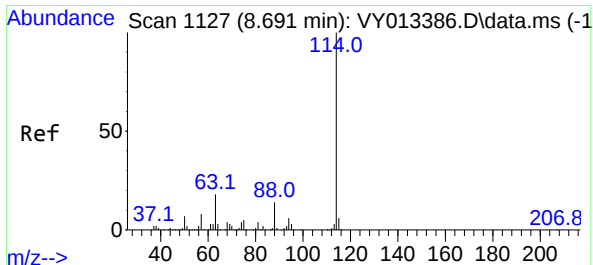
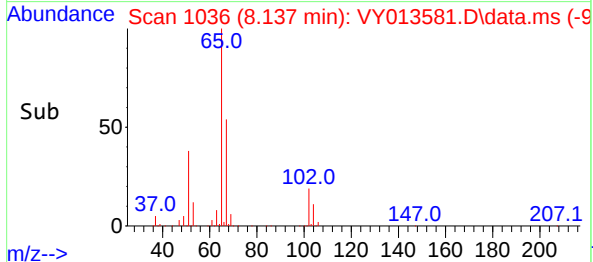
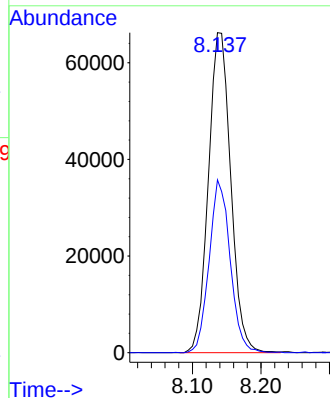
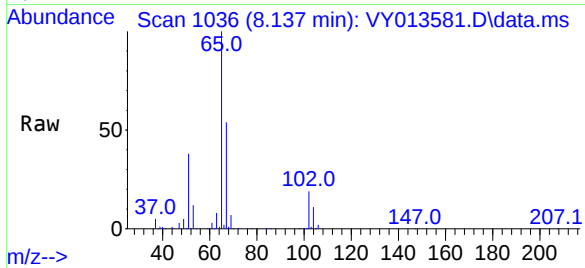
VIBLK

Tgt Ion: 65 Resp: 150261

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013581.D

Acq: 03 May 2023 15:00

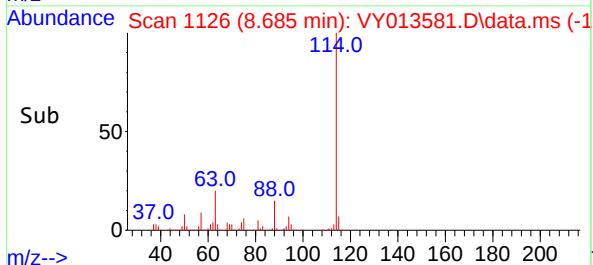
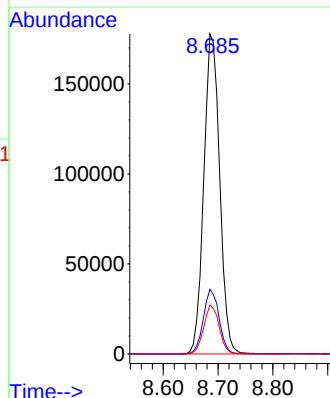
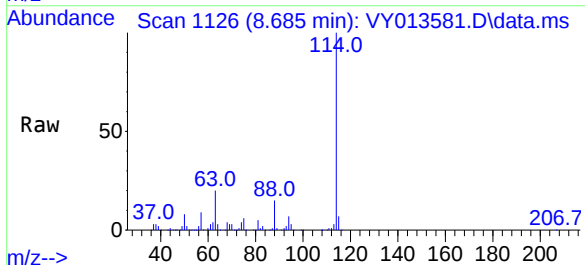
Tgt Ion: 114 Resp: 356426

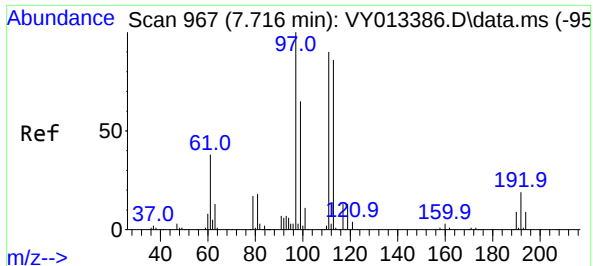
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.6

88 15.3 0.0 28.8



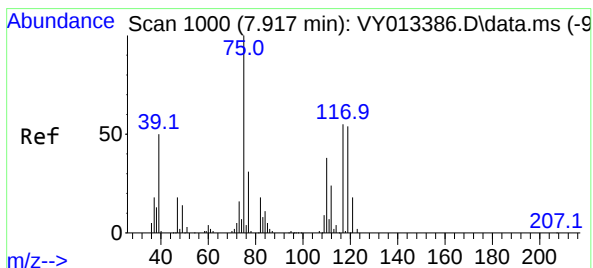
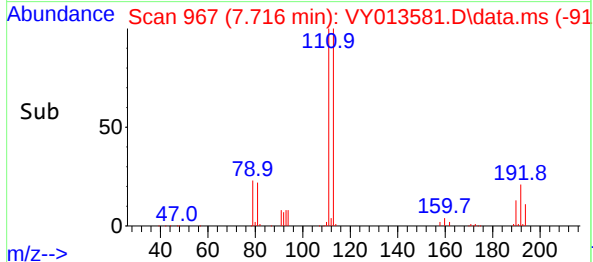
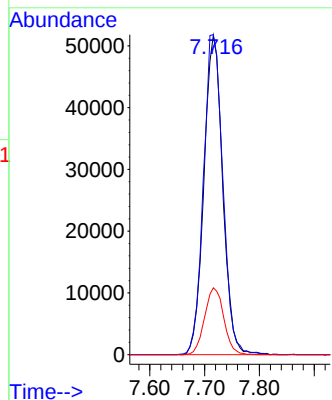
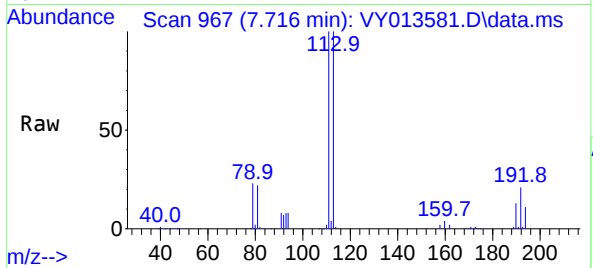


#35
Dibromofluoromethane
Concen: 54.778 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 122799

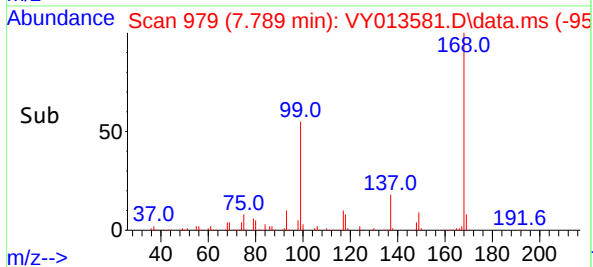
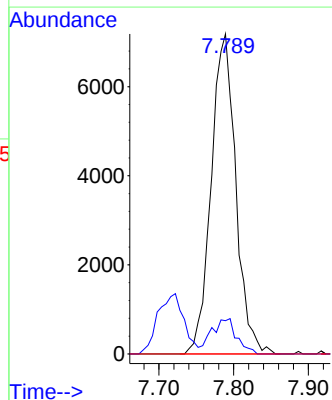
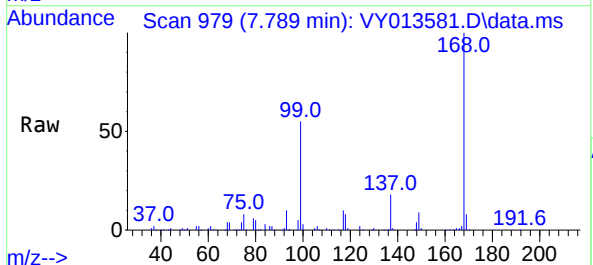
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	21.4	16.7	25.1

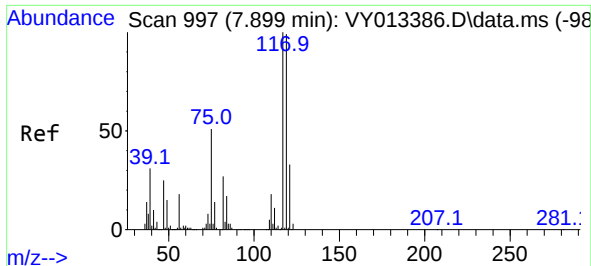


#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Tgt Ion: 75 Resp: 16444

Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.7	56.1#
77	0.0	24.6	37.0#

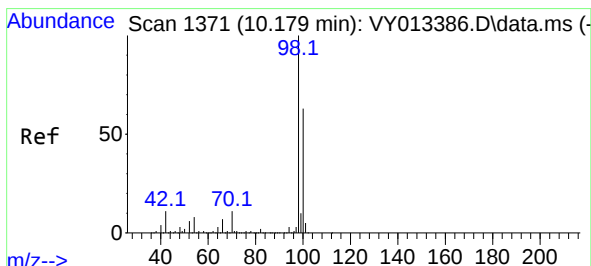
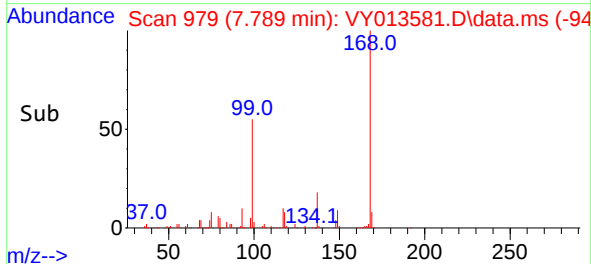
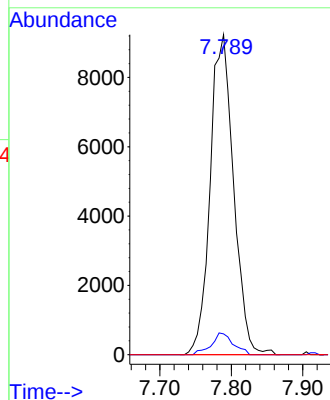
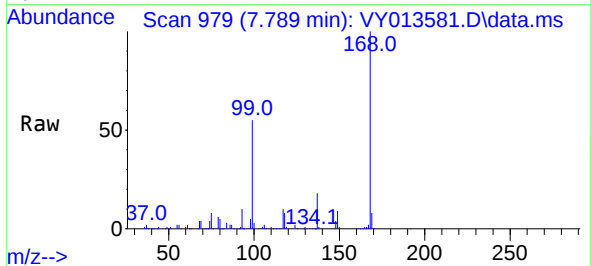




#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

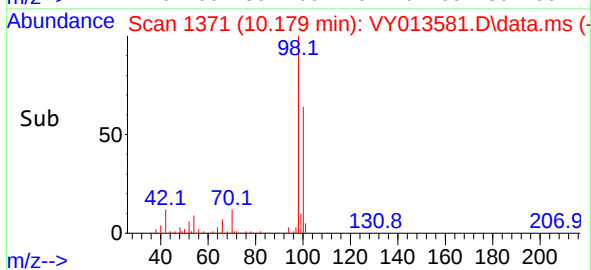
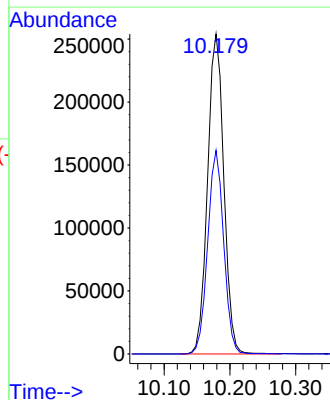
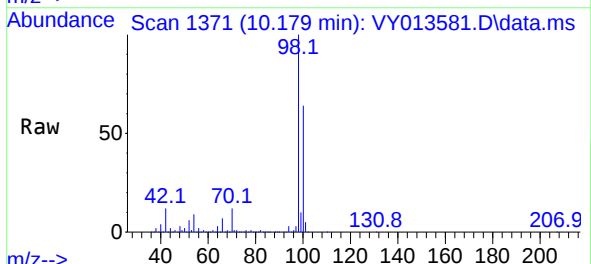
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

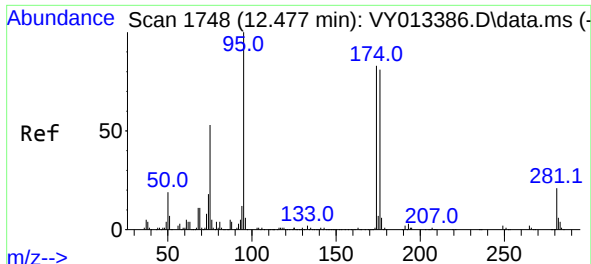
Tgt Ion:117 Resp: 21002
Ion Ratio Lower Upper
117 100
119 6.5 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.759 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Tgt Ion: 98 Resp: 436696
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

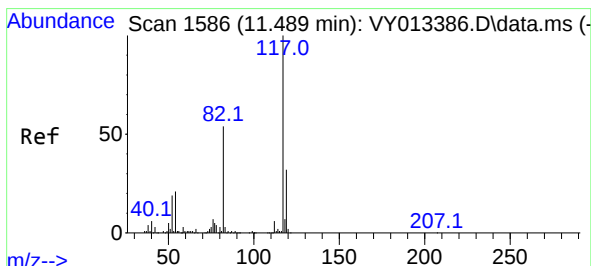
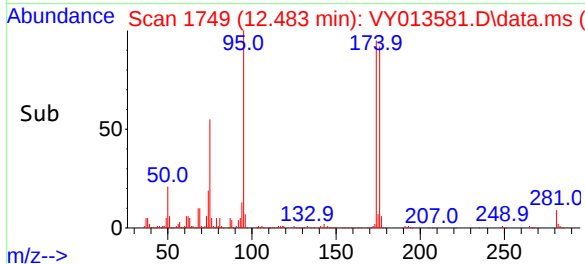
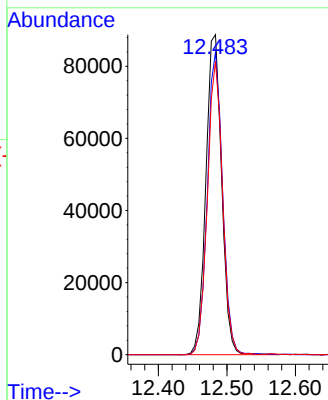
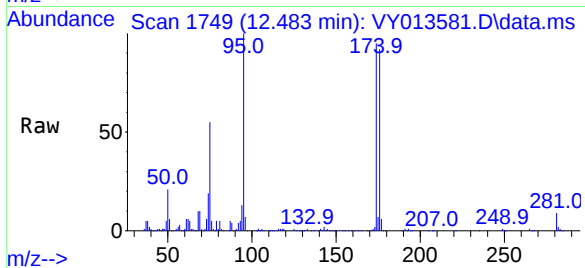




#62
4-Bromofluorobenzene
Concen: 52.820 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

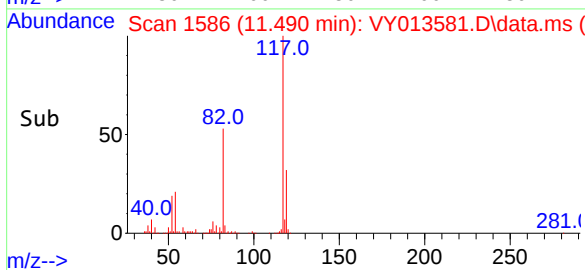
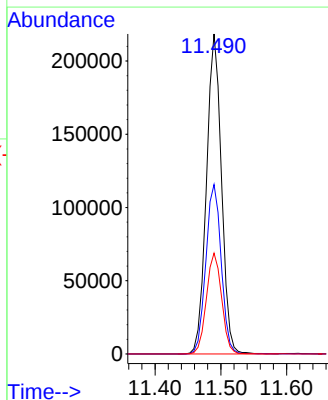
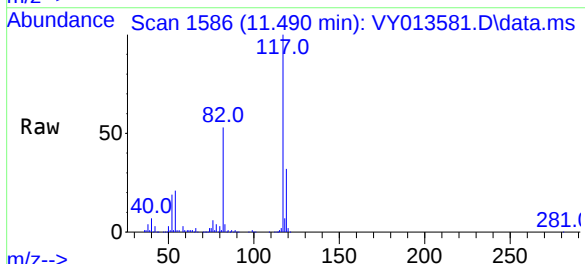
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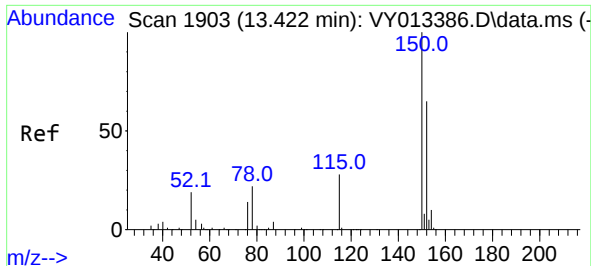
Tgt Ion: 95 Resp: 142008
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.0
176 88.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Tgt Ion: 117 Resp: 346446
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.6
119 31.5 25.5 38.3

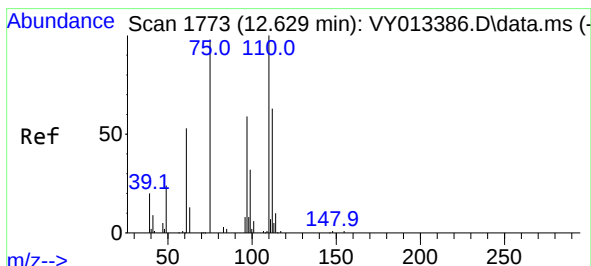
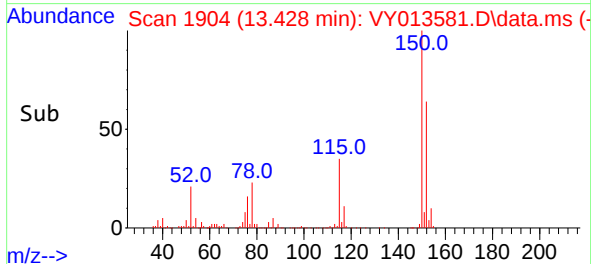
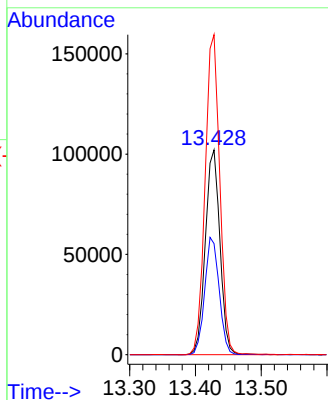
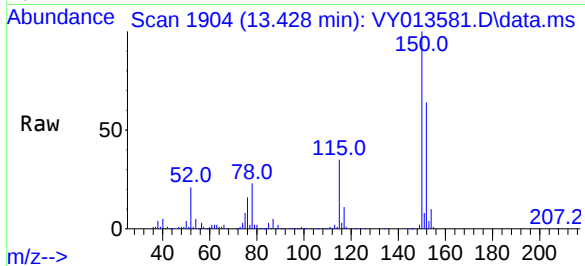




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

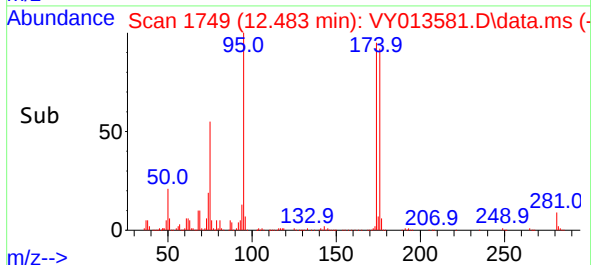
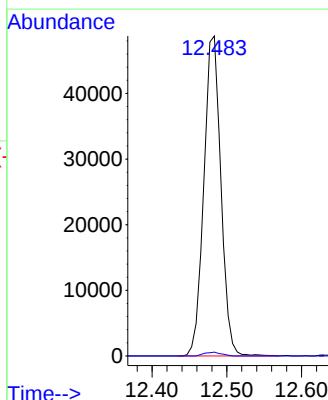
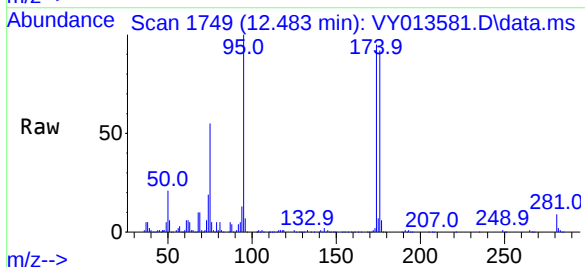
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

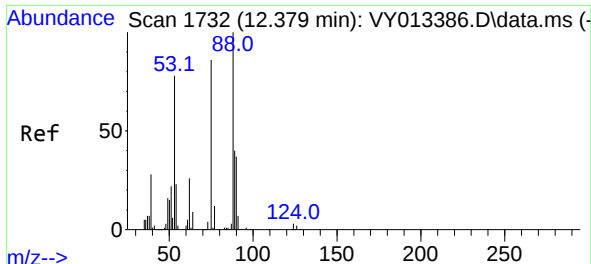
Tgt Ion:152 Resp: 157579
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 157.0 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 36.366 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Tgt Ion: 75 Resp: 77282
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

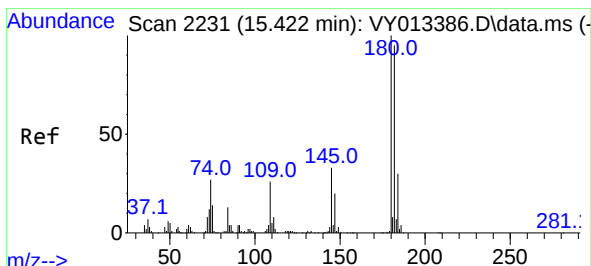
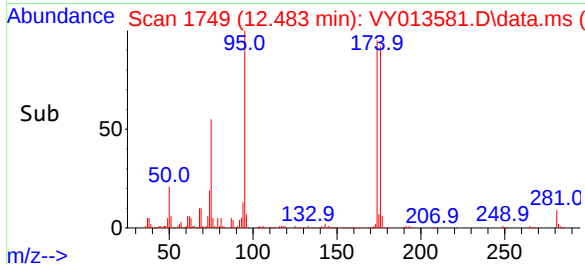
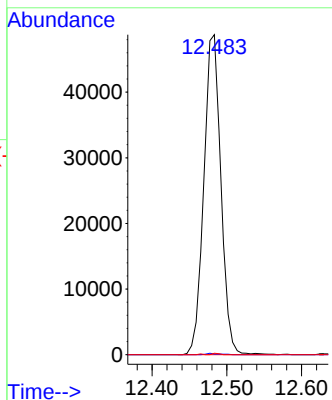
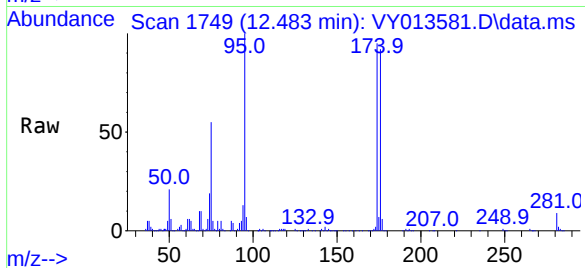




#81
trans-1,4-Dichloro-2-butene
Concen: 74.388 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 77282
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.2 38.0 57.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.520 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013581.D
Acq: 03 May 2023 15:00

Tgt Ion:180 Resp: 4013
Ion Ratio Lower Upper
180 100
182 86.3 47.1 141.3
145 32.6 15.9 47.7

