

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012464.D
 Acq On : 02 Feb 2023 18:34
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

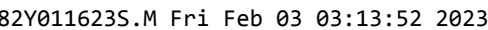
Quant Time: Feb 03 03:13:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

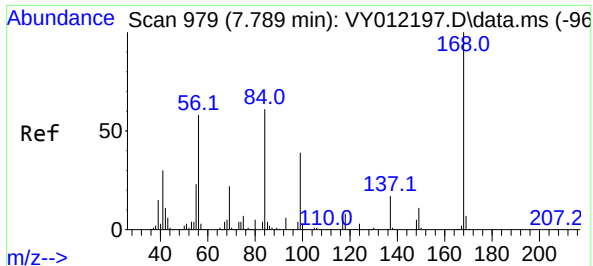
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	176349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105382	73.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.960%	
35) Dibromofluoromethane	7.716	113	89045	56.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.040%	
50) Toluene-d8	10.179	98	356524	66.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.260%	
62) 4-Bromofluorobenzene	12.483	95	120456	53.758	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	2597	2.797	ug/l #	74
16) Acetone	3.948	43	1056	2.150	ug/l	99
20) Methylene Chloride	4.716	84	8827	Below Cal		90
25) 2-Butanone	6.978	43	1375	2.536	ug/l #	76
31) Cyclohexane	7.789	56	3041	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11955	4.426	ug/l #	51
37) Ethyl Acetate	6.978	43	1375	1.155	ug/l #	1
38) Carbon Tetrachloride	7.783	117	17226	4.937	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	64139	49.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64139	102.372	ug/l #	13

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

Quant Time: Feb 03 03:13:49 2023
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Response via : Initial Calibration

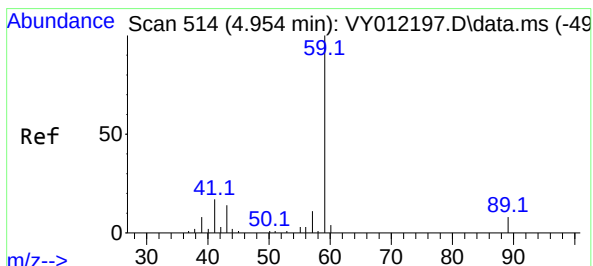
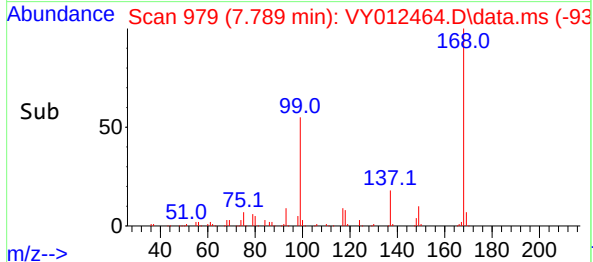
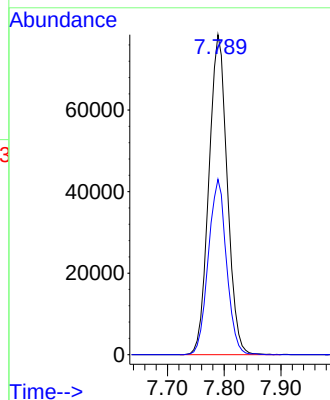
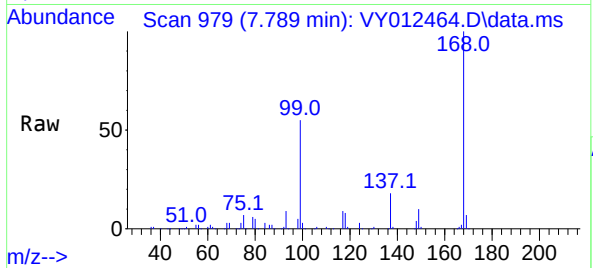




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

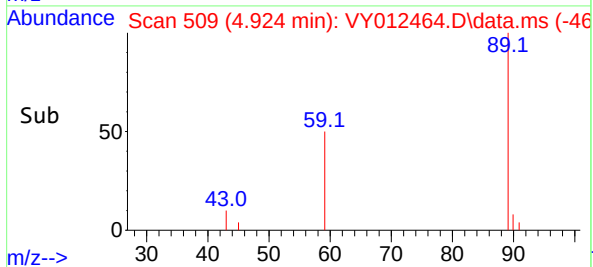
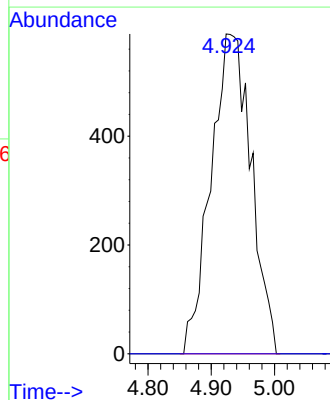
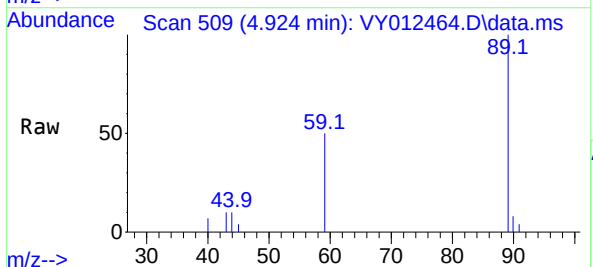
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

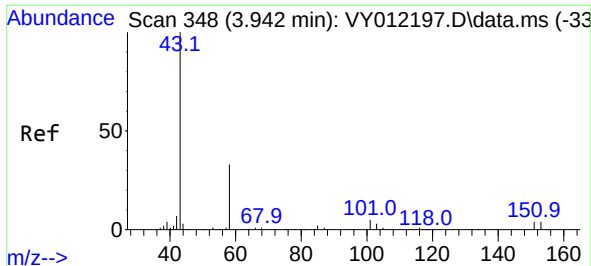
Tgt Ion:168 Resp: 176349
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#11
Tert butyl alcohol
Concen: 2.797 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Tgt Ion: 59 Resp: 2597
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

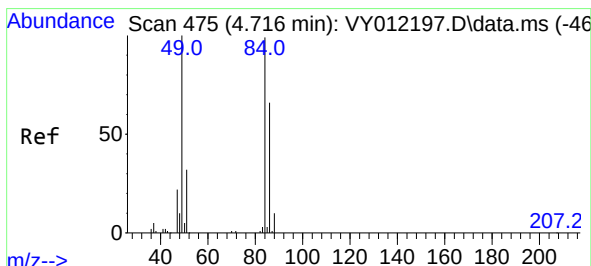
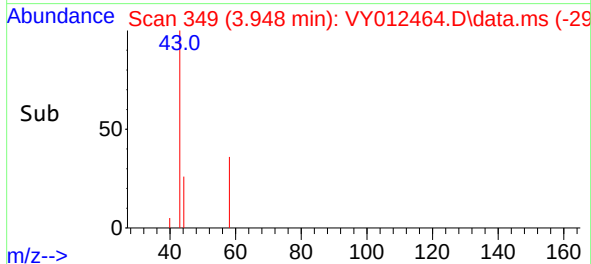
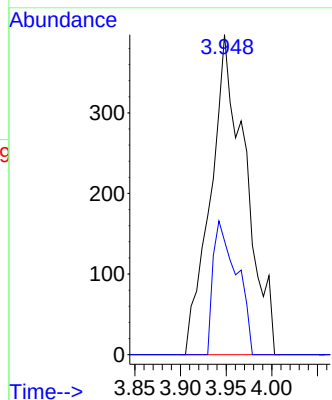
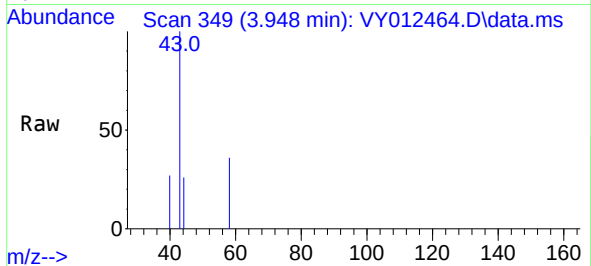




#16
Acetone
Concen: 2.150 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

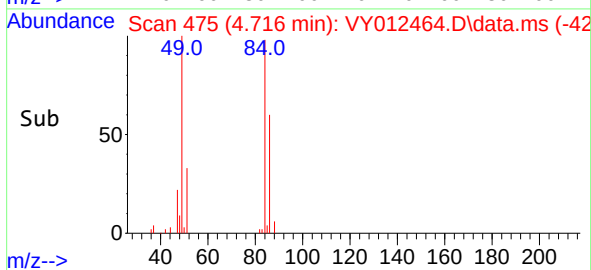
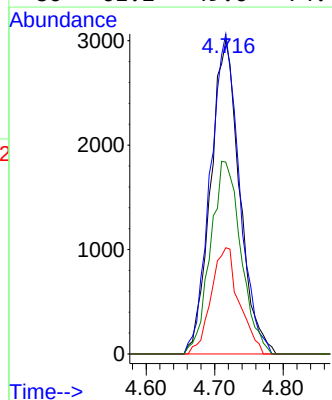
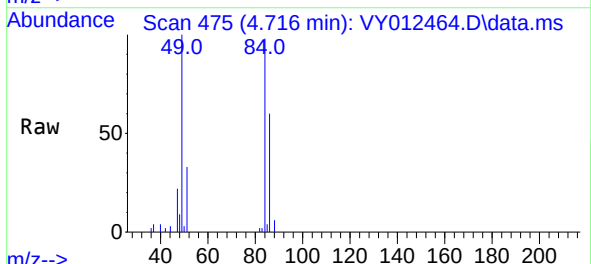
Instrument :
MSVOA_Y
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VIBLK

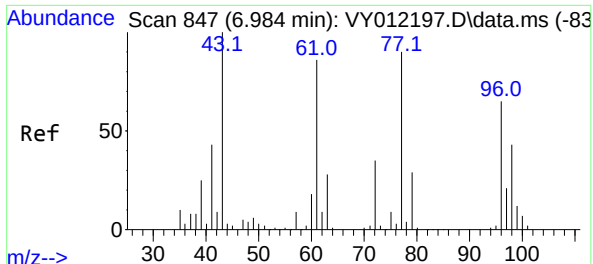
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 35.5 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Tgt Ion: 84 Resp: 8827
Ion Ratio Lower Upper
84 100
49 102.2 95.4 143.2
51 33.9 29.9 44.9
86 61.2 49.6 74.4

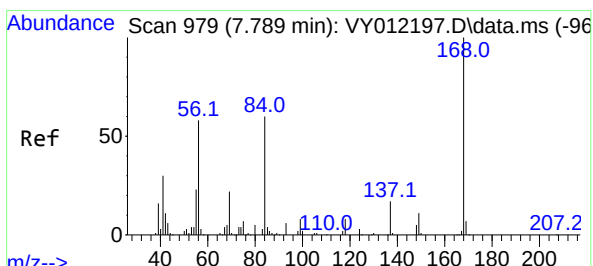
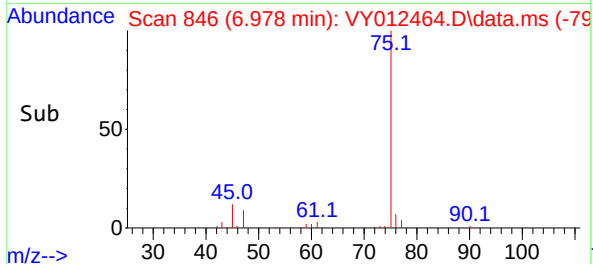
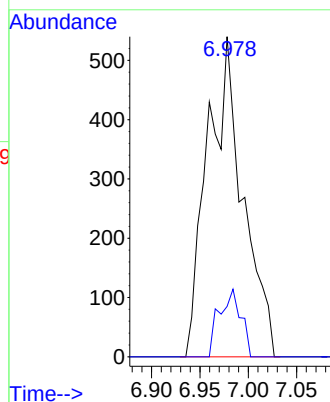
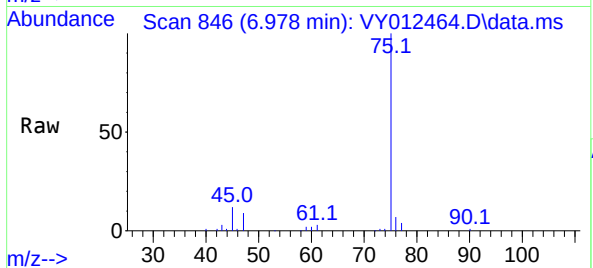




#25
2-Butanone
Concen: 2.536 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

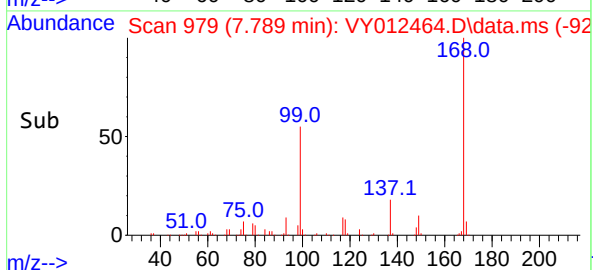
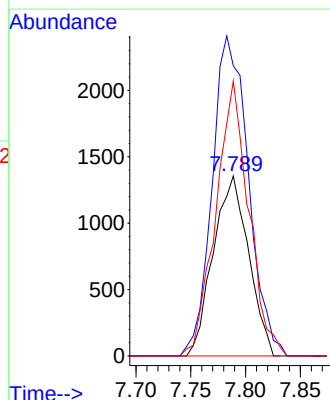
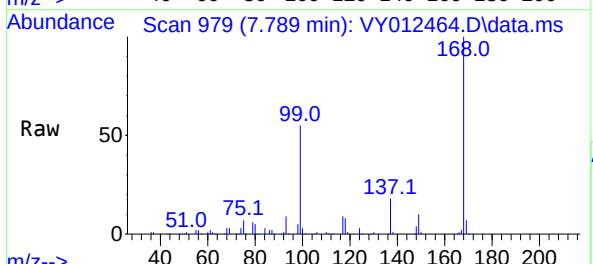
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

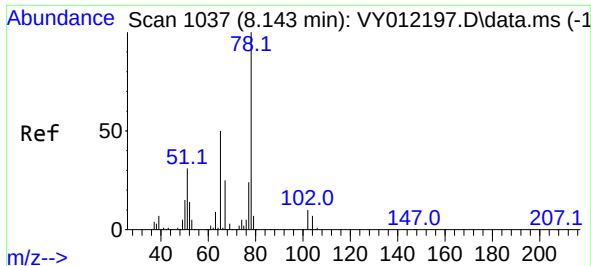
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
72 15.7 22.6 34.0#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Tgt Ion: 56 Resp: 3041
Ion Ratio Lower Upper
56 100
69 161.1 29.2 43.8#
84 152.7 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 73.980 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012464.D

Acq: 02 Feb 2023 18:34

Instrument :

MSVOA_Y

ClientSampleId :

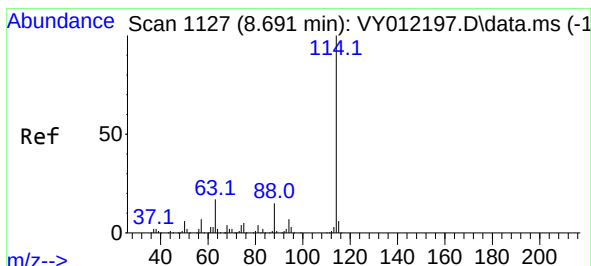
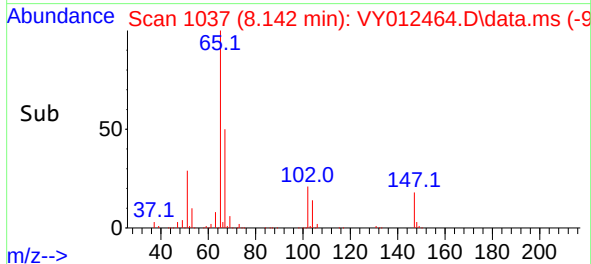
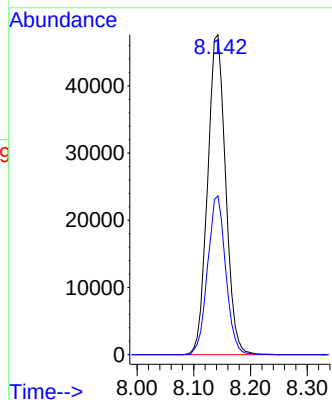
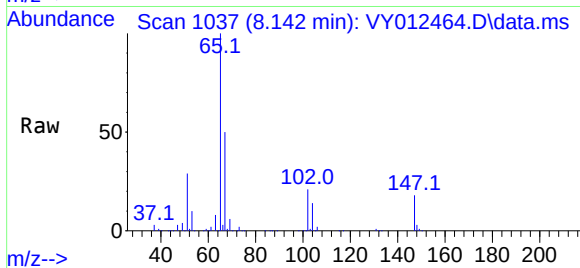
VIBLK

Tgt Ion: 65 Resp: 105382

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012464.D

Acq: 02 Feb 2023 18:34

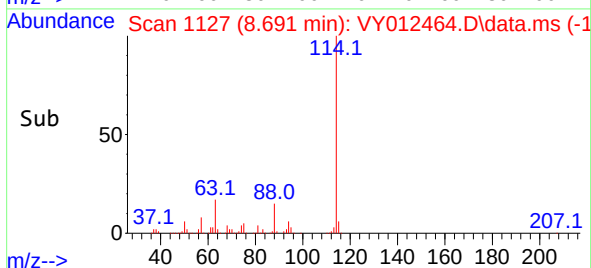
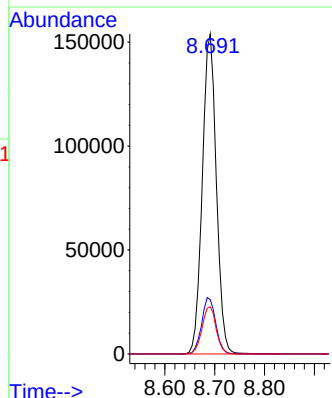
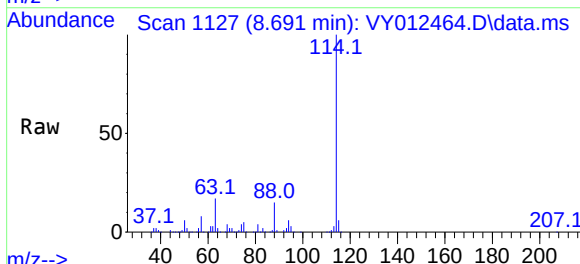
Tgt Ion: 114 Resp: 300186

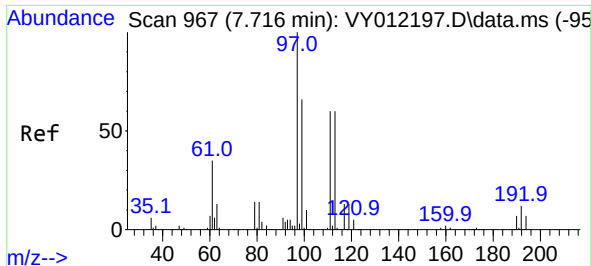
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.8 0.0 32.2

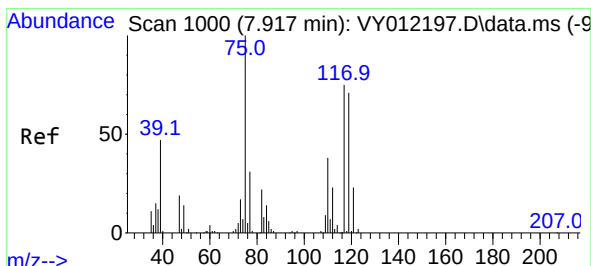
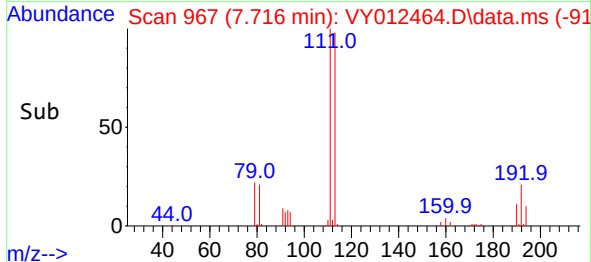
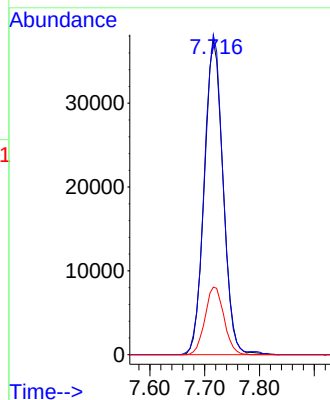
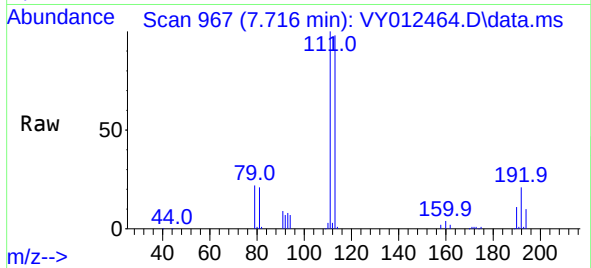




#35
Dibromofluoromethane
Concen: 56.021 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

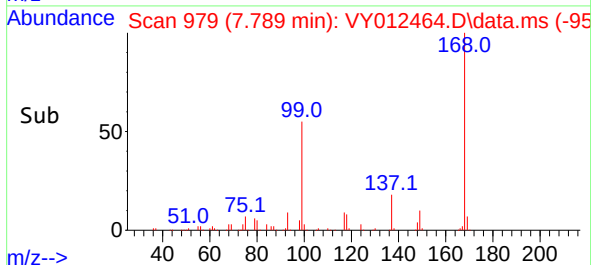
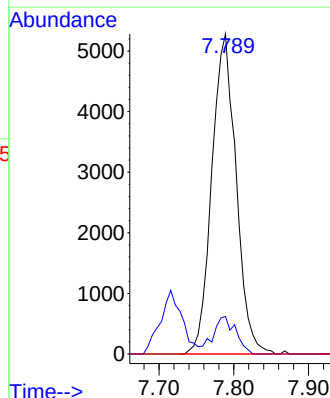
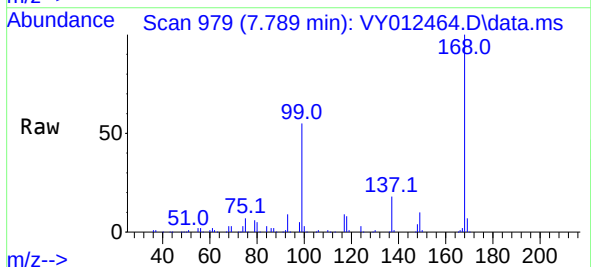
Instrument :
MSVOA_Y
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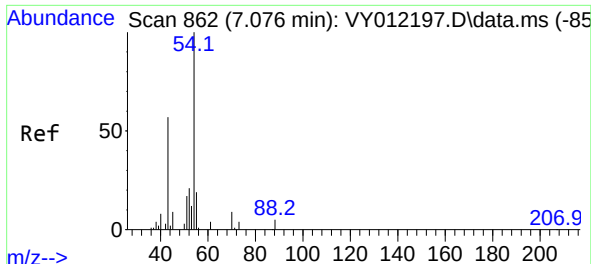
Tgt Ion:113 Resp: 89045
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 21.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Tgt Ion: 75 Resp: 11955
Ion Ratio Lower Upper
75 100
110 11.0 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.155 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY012464.D

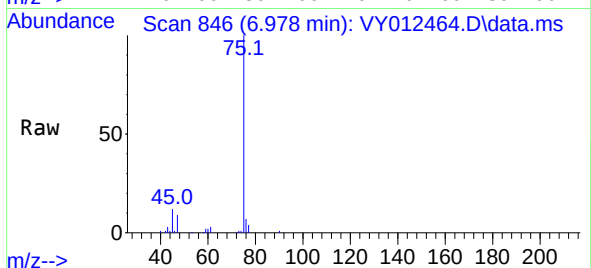
Acq: 02 Feb 2023 18:34

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



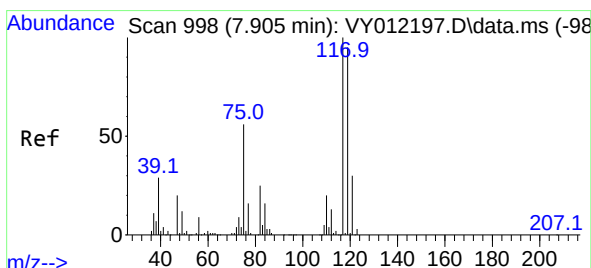
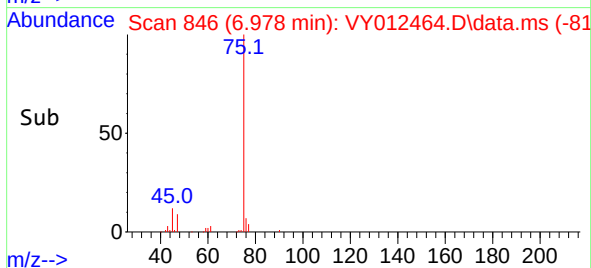
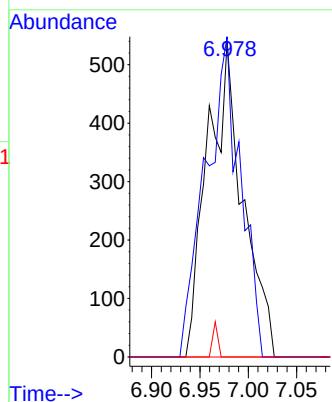
Tgt Ion: 43 Resp: 1375

Ion Ratio Lower Upper

43 100

61 99.3 11.3 16.9#

70 1.6 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 4.937 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012464.D

Acq: 02 Feb 2023 18:34

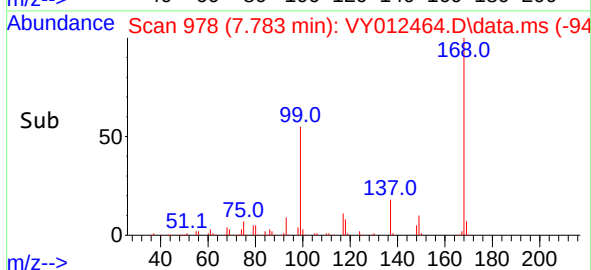
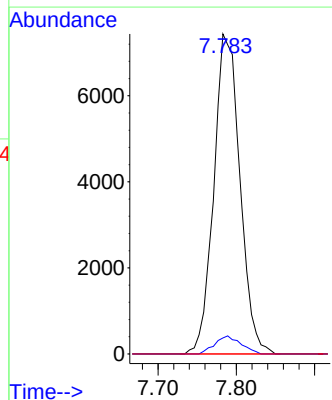
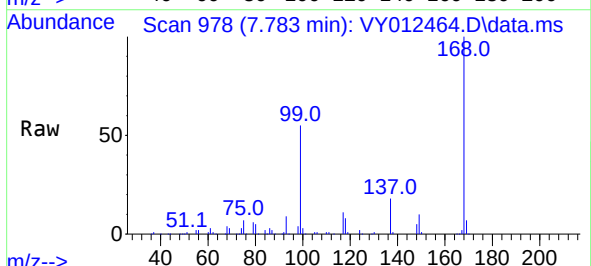
Tgt Ion: 117 Resp: 17226

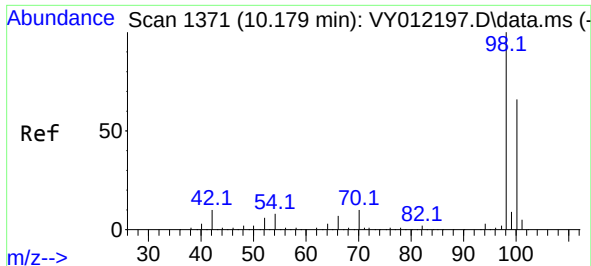
Ion Ratio Lower Upper

117 100

119 5.0 73.8 110.8#

121 0.0 25.2 37.8#

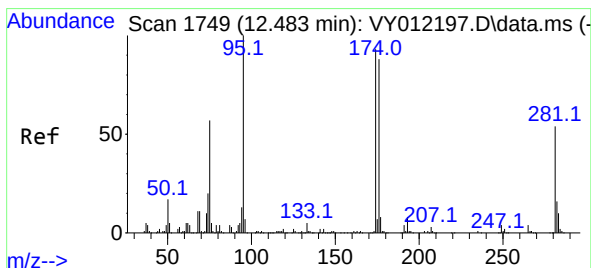
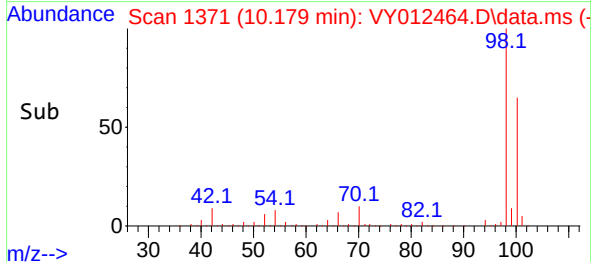
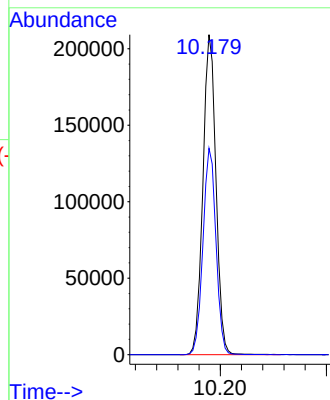
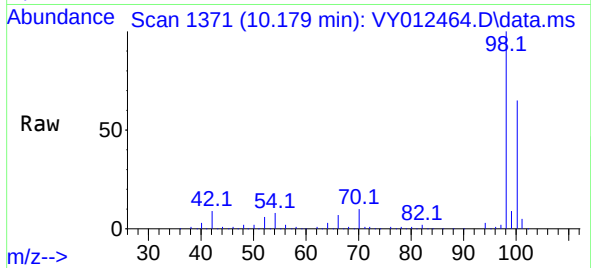




#50
Toluene-d8
Concen: 66.135 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

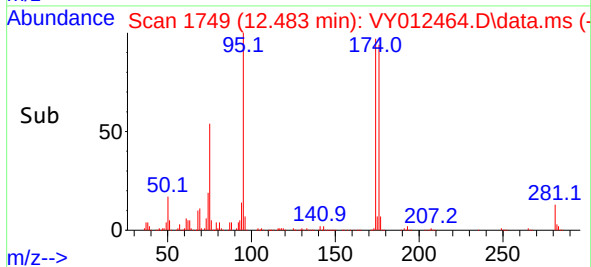
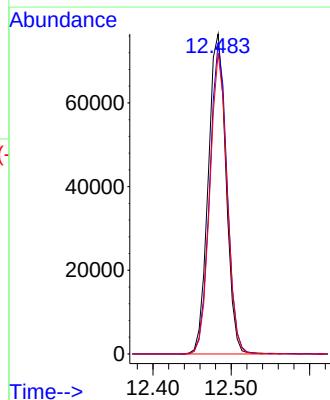
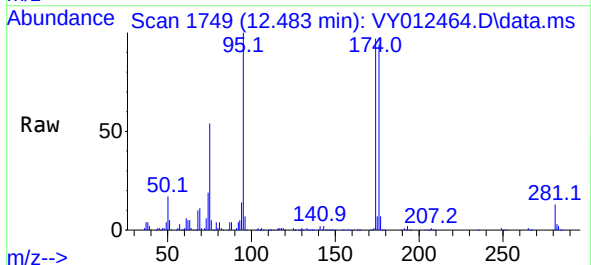
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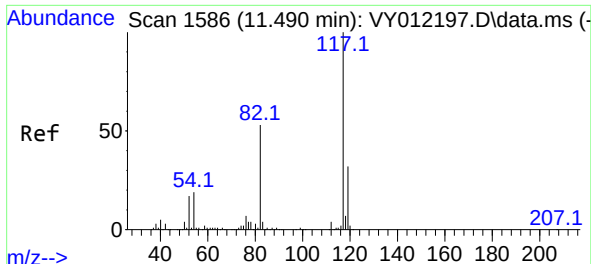
Tgt Ion: 98 Resp: 356524
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.758 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Tgt Ion: 95 Resp: 120456
Ion Ratio Lower Upper
95 100
174 94.7 0.0 172.0
176 90.9 0.0 167.6

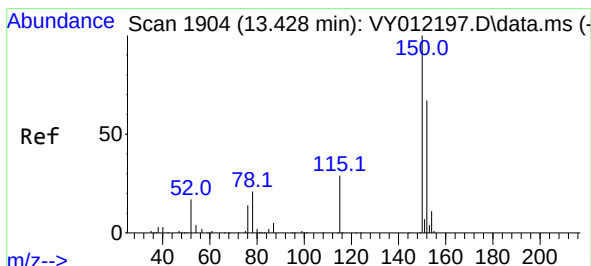
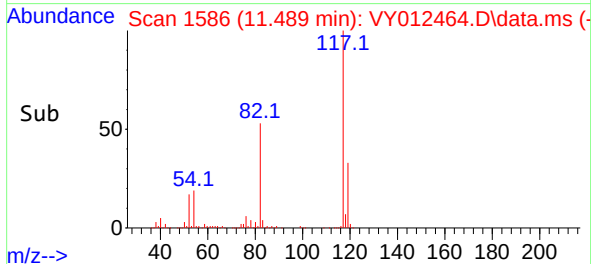
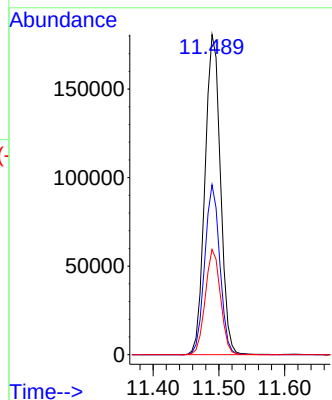
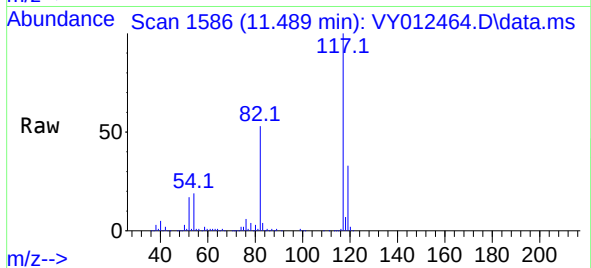




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

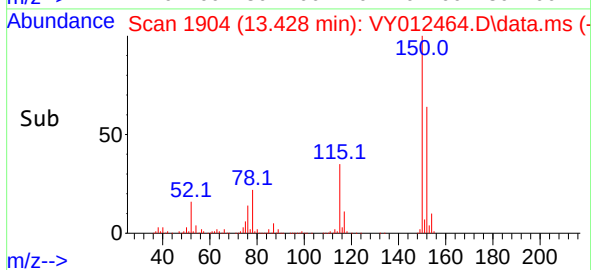
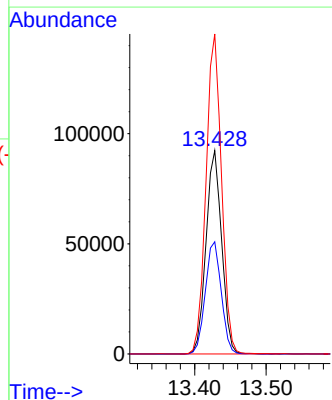
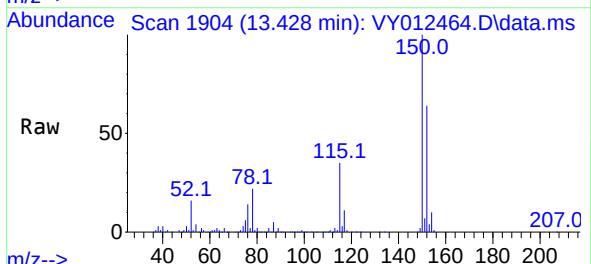
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

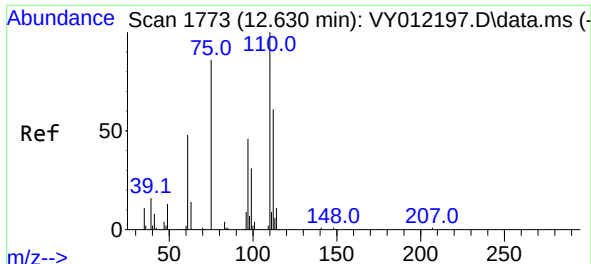
Tgt Ion:117 Resp: 296394
Ion Ratio Lower Upper
117 100
82 53.1 44.8 67.2
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Tgt Ion:152 Resp: 140389
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 155.8 0.0 342.6

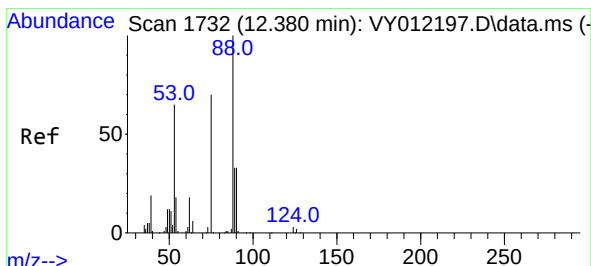
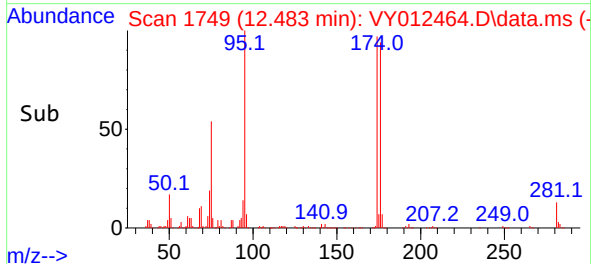
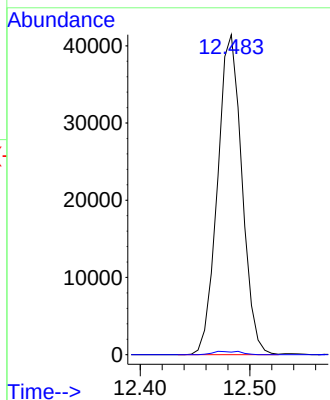
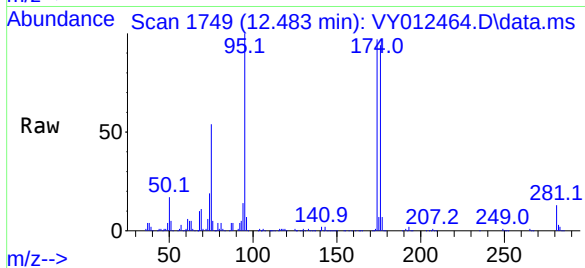




#76
1,2,3-Trichloropropane
Concen: 49.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 64139
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.372 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012464.D
Acq: 02 Feb 2023 18:34

Tgt Ion: 75 Resp: 64139
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

