

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017567.D
 Acq On : 05 Mar 2024 13:31
 Operator : SY/MD
 Sample : P1674-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1A

Quant Time: Mar 05 22:03:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

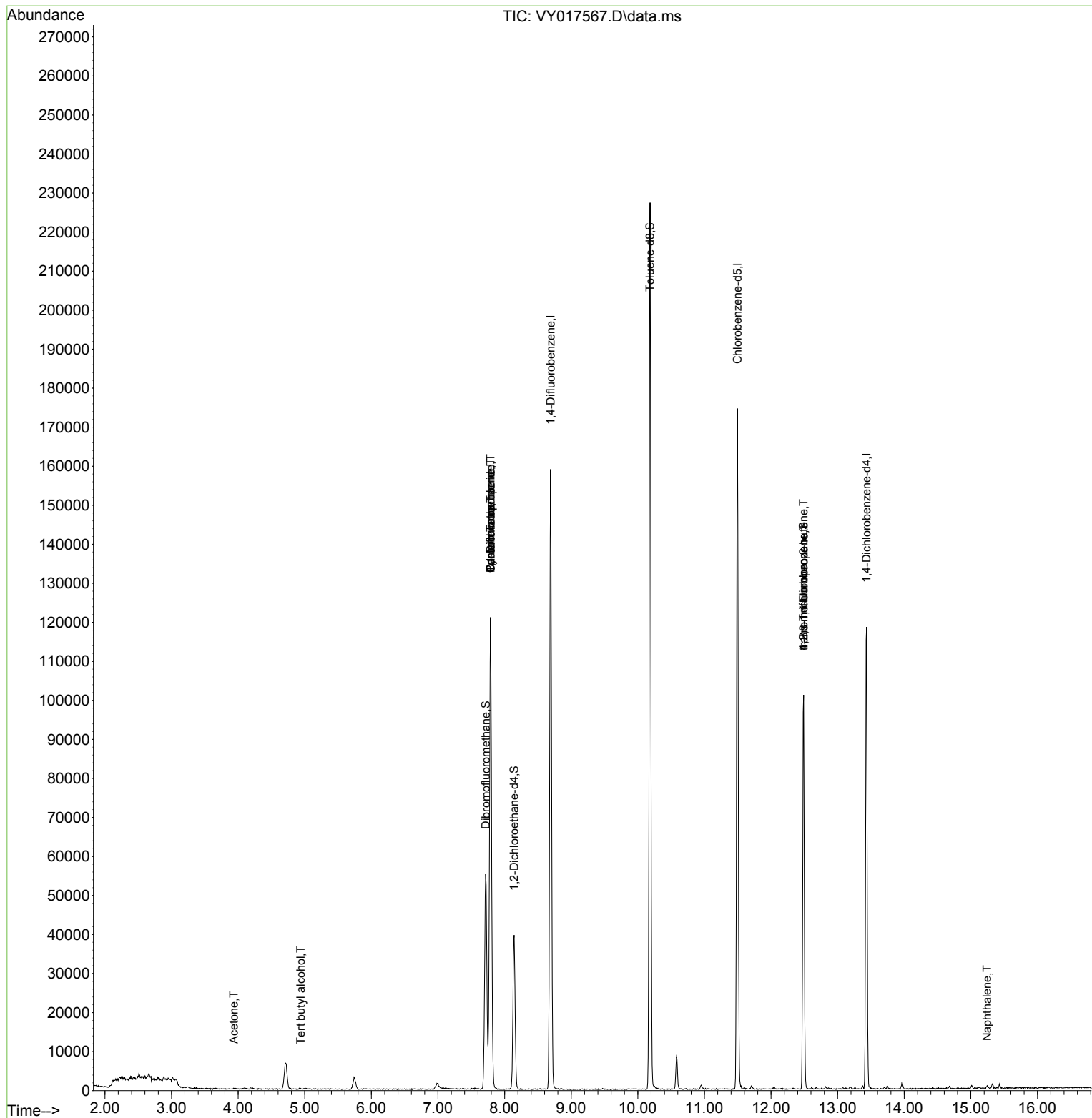
Internal Standards						
1) Pentafluorobenzene	7.789	168	97442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	101540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	32206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30389	32.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.820%
35) Dibromofluoromethane	7.716	113	40050	40.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.380%
50) Toluene-d8	10.185	98	153421	44.579	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.160%
62) 4-Bromofluorobenzene	12.489	95	30650	28.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	87	1.109	ug/l #	88
16) Acetone	3.936	43	372	2.077	ug/l #	36
20) Methylene Chloride	4.710	84	5526	Below Cal	#	91
31) Cyclohexane	7.789	56	1780	1.184	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7199	5.421	ug/l #	48
38) Carbon Tetrachloride	7.789	117	8859	6.656	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	15063	49.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	15063	113.107	ug/l #	16
95) Naphthalene	15.245	128	842	4.685	ug/l #	77

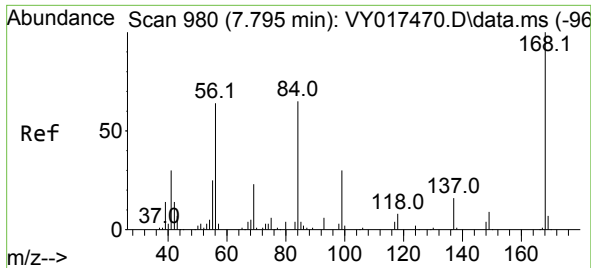
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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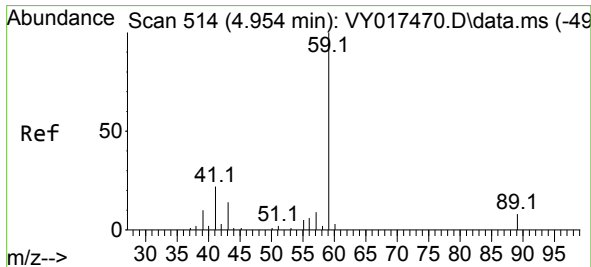
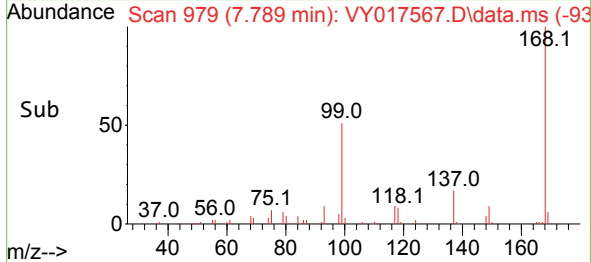
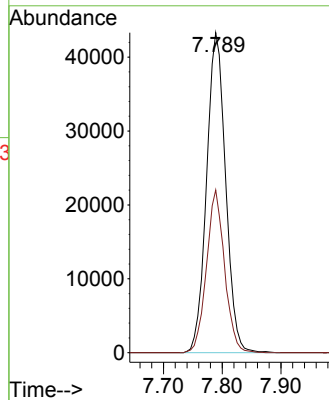
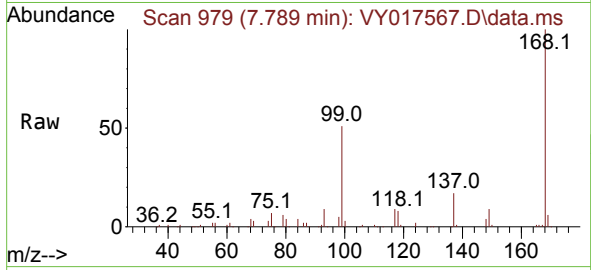




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

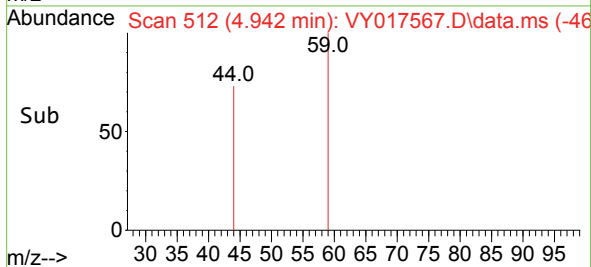
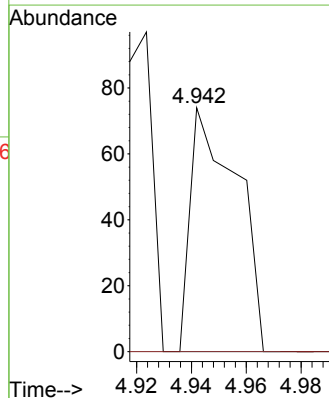
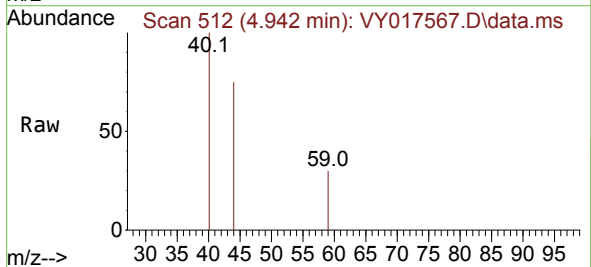
Instrument :
MSVOA_Y
ClientSampleId :
1A

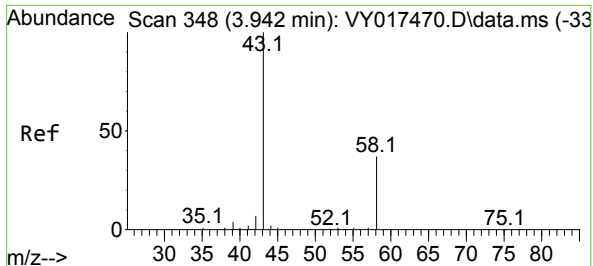
Tgt Ion:168 Resp: 97442
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.109 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.077 ug/l

RT: 3.936 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY017567.D

Acq: 05 Mar 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

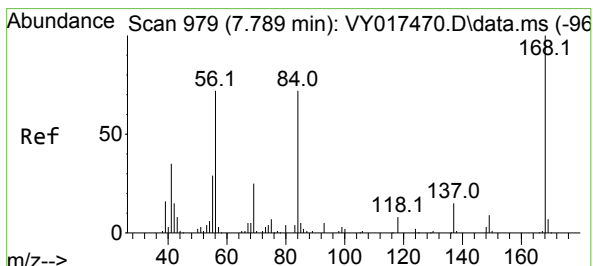
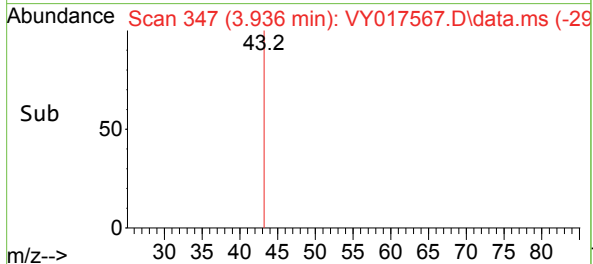
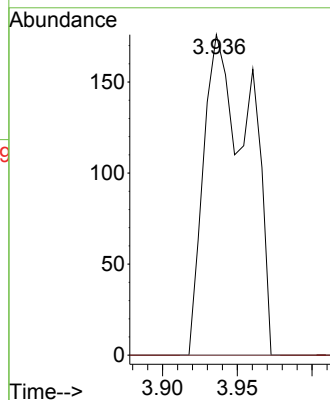
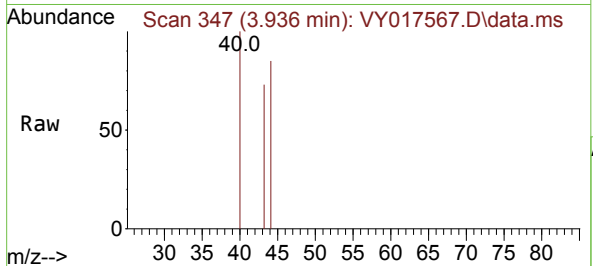
1A

Tgt Ion: 43 Resp: 372

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY017567.D

Acq: 05 Mar 2024 13:31

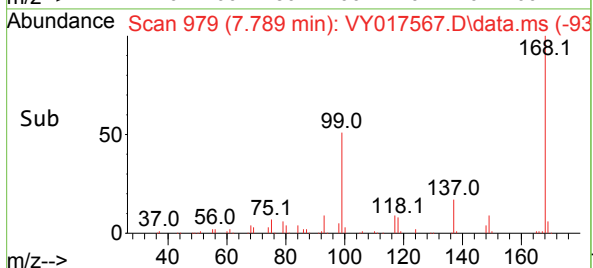
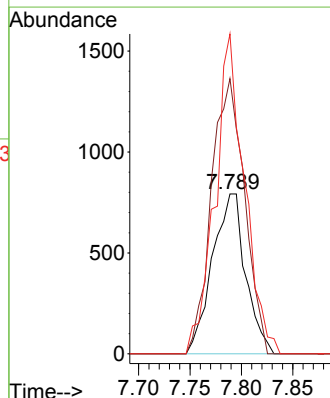
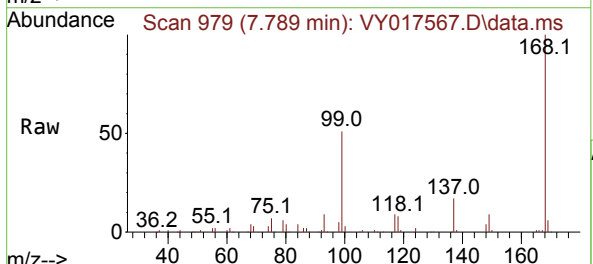
Tgt Ion: 56 Resp: 1780

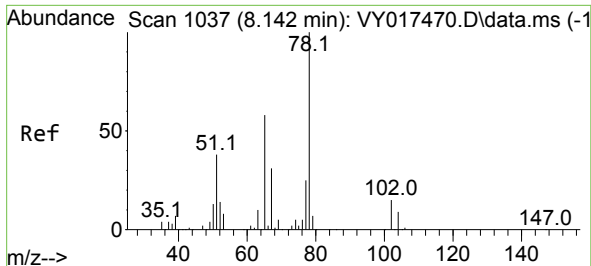
Ion Ratio Lower Upper

56 100

69 172.2 28.7 43.1#

84 200.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 32.907 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017567.D

Acq: 05 Mar 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

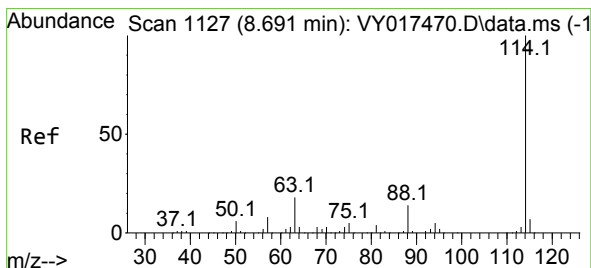
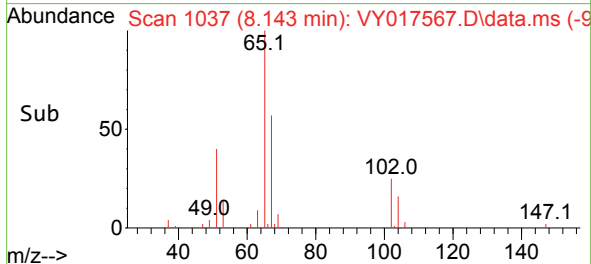
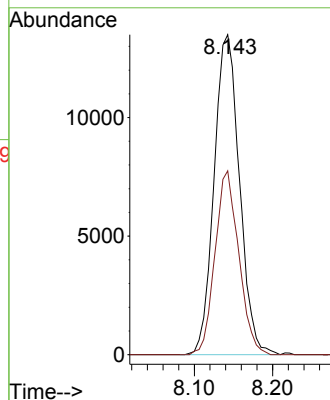
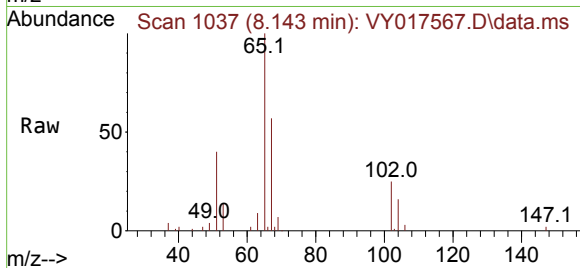
1A

Tgt Ion: 65 Resp: 30389

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017567.D

Acq: 05 Mar 2024 13:31

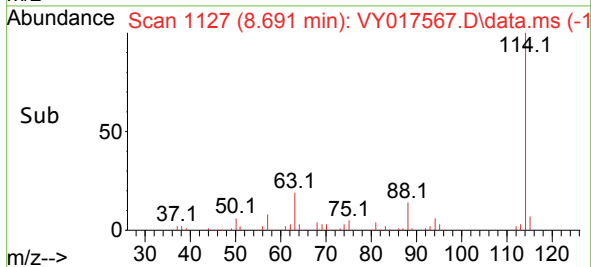
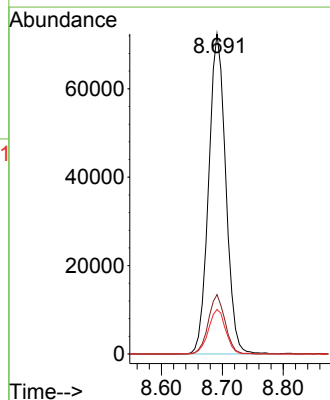
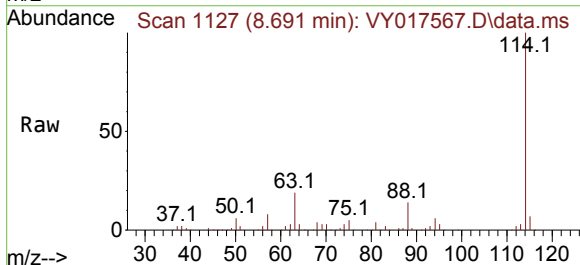
Tgt Ion: 114 Resp: 141256

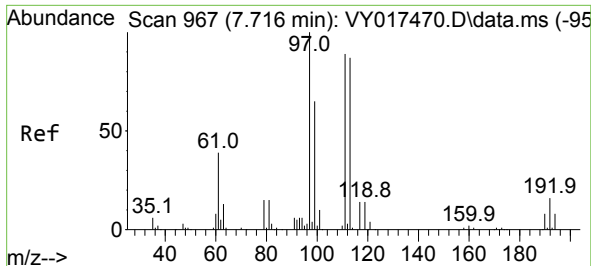
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.9 0.0 27.2

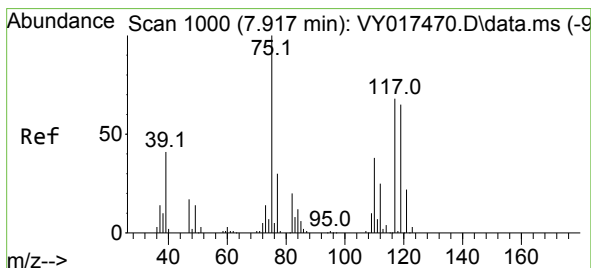
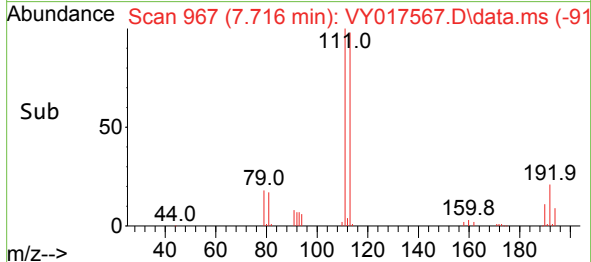
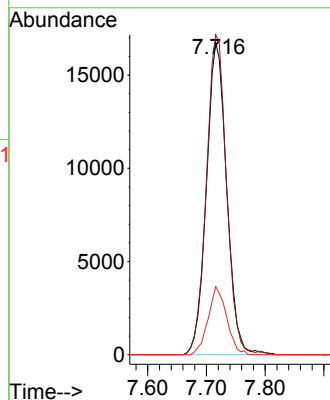
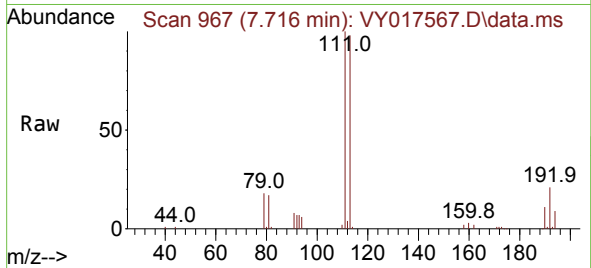




#35
Dibromofluoromethane
Concen: 40.688 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

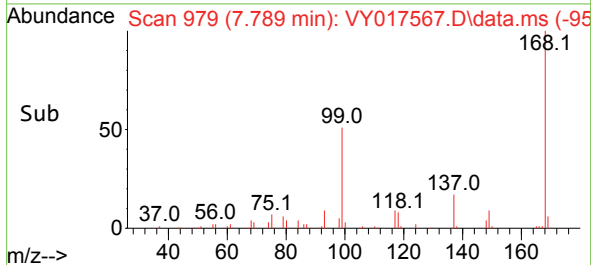
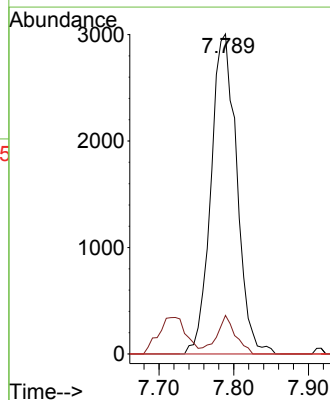
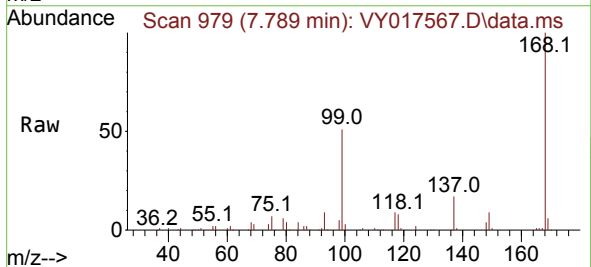
Instrument :
MSVOA_Y
ClientSampleId :
1A

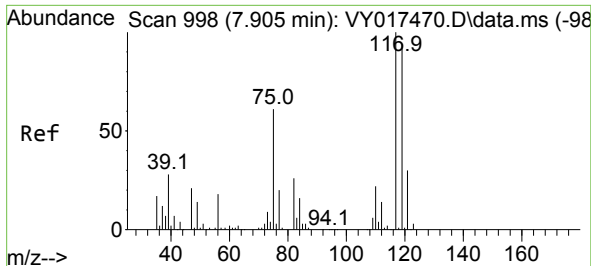
Tgt Ion:113 Resp: 40050
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.421 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

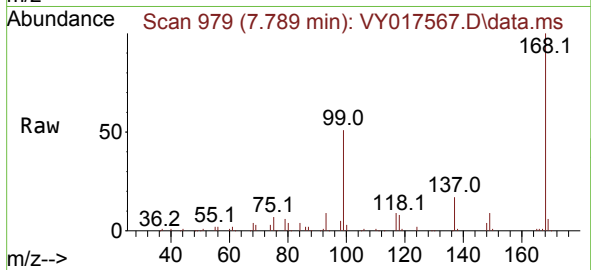
Tgt Ion: 75 Resp: 7199
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



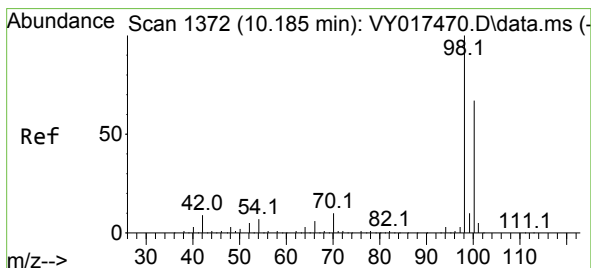
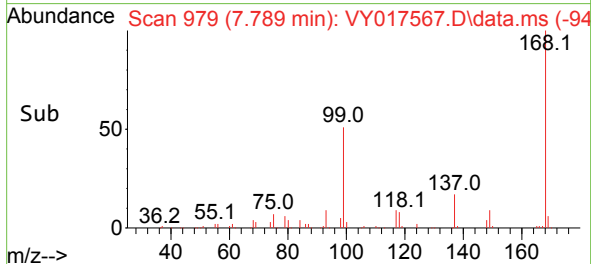
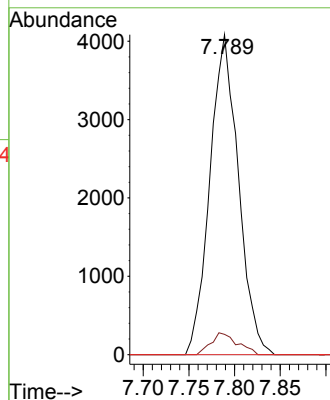


#38
Carbon Tetrachloride
Concen: 6.656 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :
1A

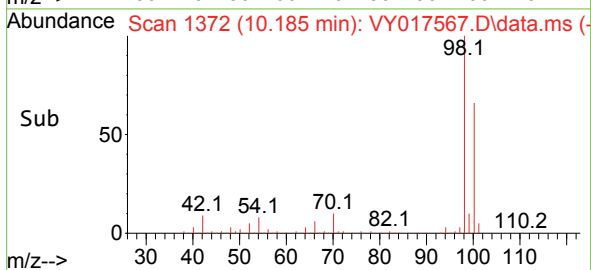
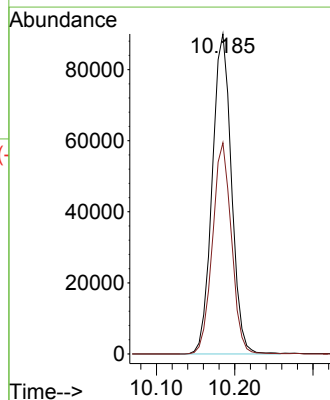
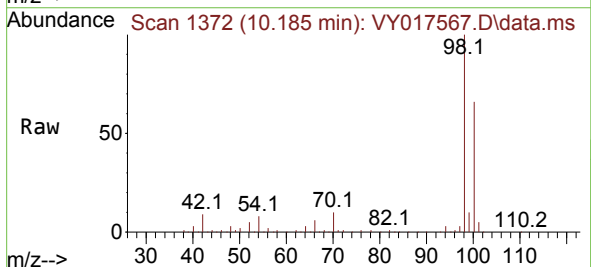


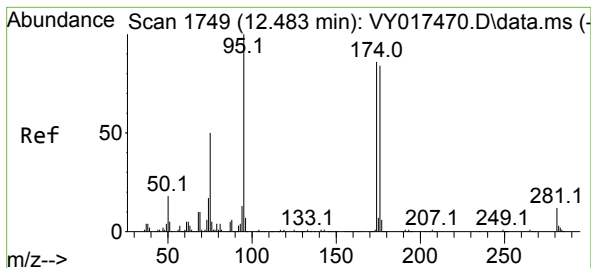
Tgt Ion:117 Resp: 8859
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.579 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Tgt Ion: 98 Resp: 153421
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

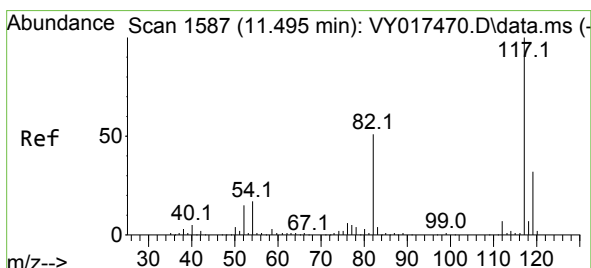
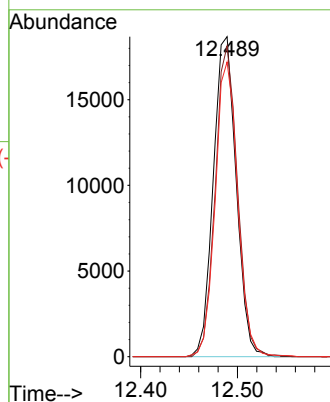
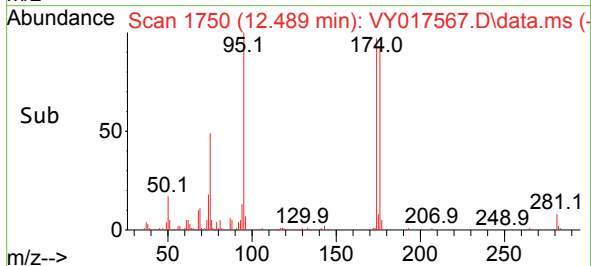
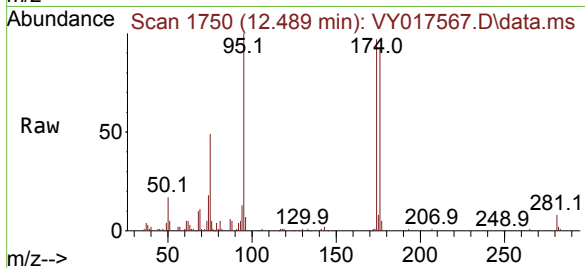




#62
4-Bromofluorobenzene
Concen: 28.338 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

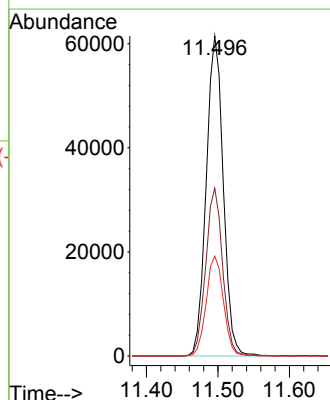
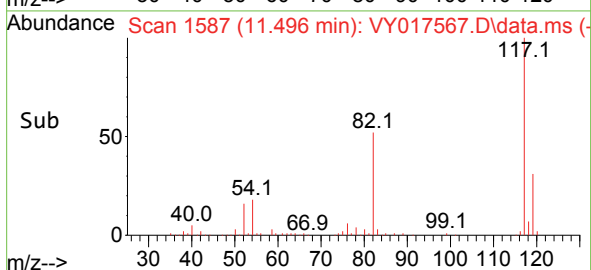
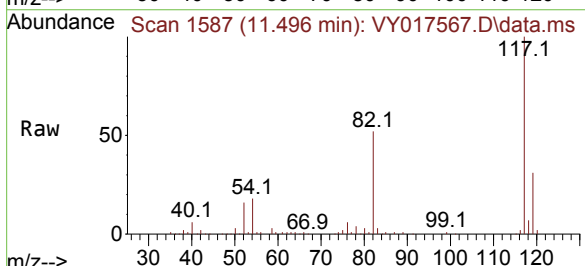
Instrument :
MSVOA_Y
ClientSampleId :
1A

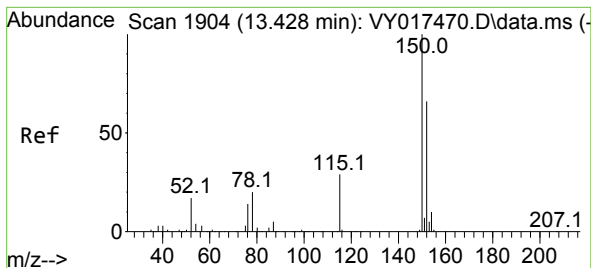
Tgt Ion: 95 Resp: 30650
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 90.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Tgt Ion: 117 Resp: 101540
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 31.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY017567.D

Acq: 05 Mar 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

1A

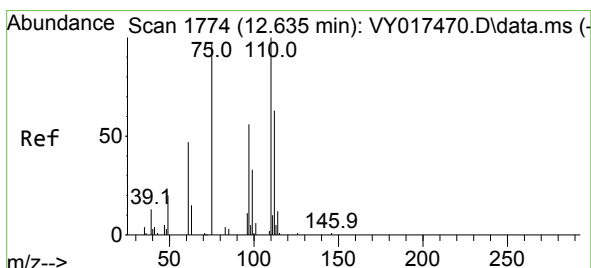
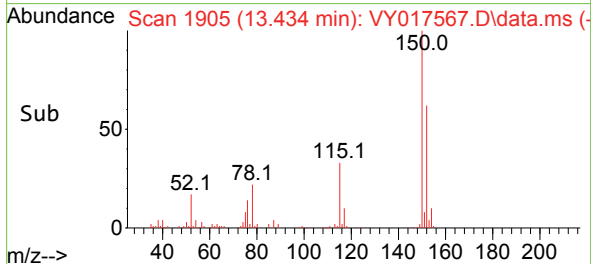
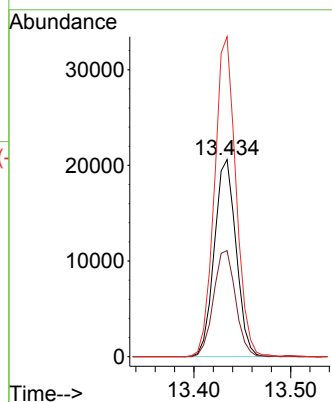
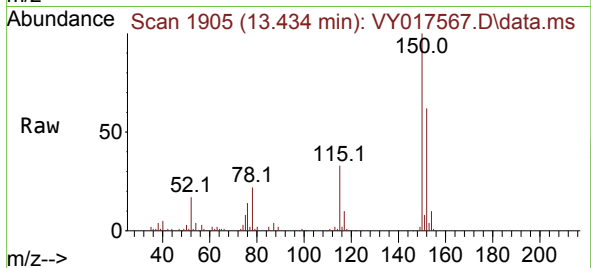
Tgt Ion:152 Resp: 32206

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 160.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 49.225 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017567.D

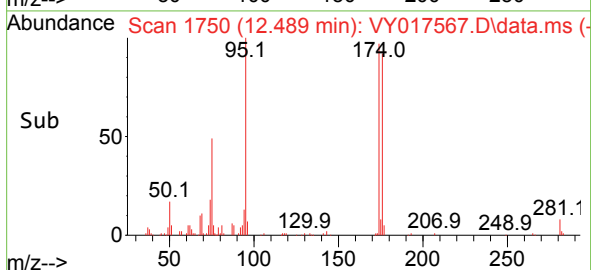
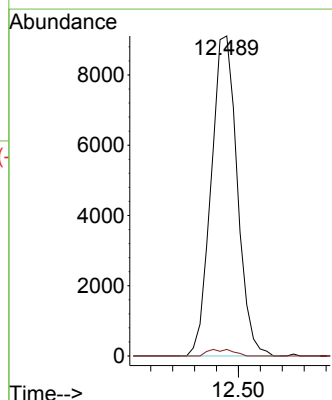
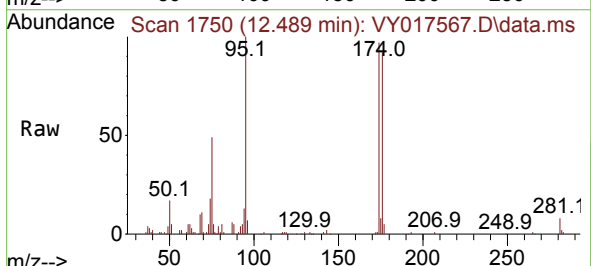
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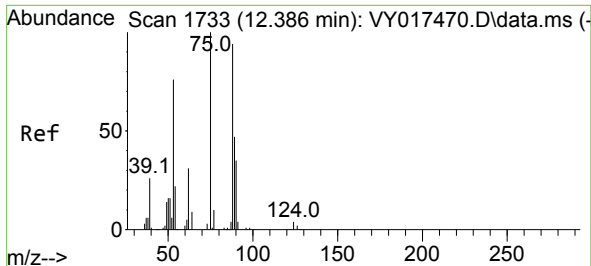
Tgt Ion: 75 Resp: 15063

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#

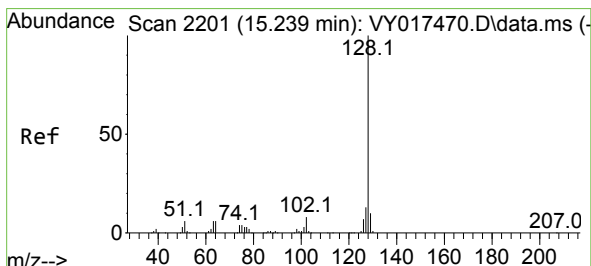
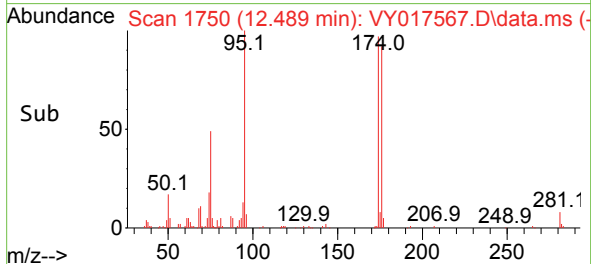
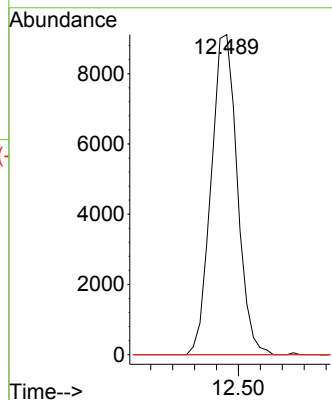
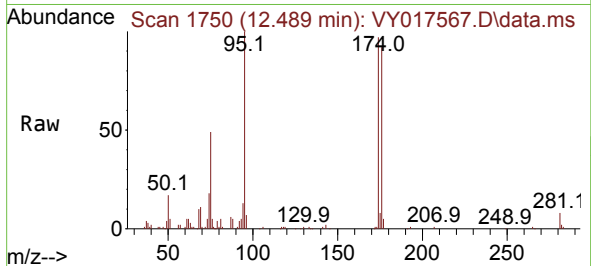




#81
trans-1,4-Dichloro-2-butene
Concen: 113.107 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :
1A

Tgt Ion: 75 Resp: 15063
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.685 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Tgt Ion: 128 Resp: 842
Ion Ratio Lower Upper
128 100
127 2.3 10.6 16.0#
129 4.6 8.6 13.0#

