

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017546.D
 Acq On : 01 Mar 2024 12:14
 Operator : SY/MD
 Sample : P1620-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Mar 02 00:16:35 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)

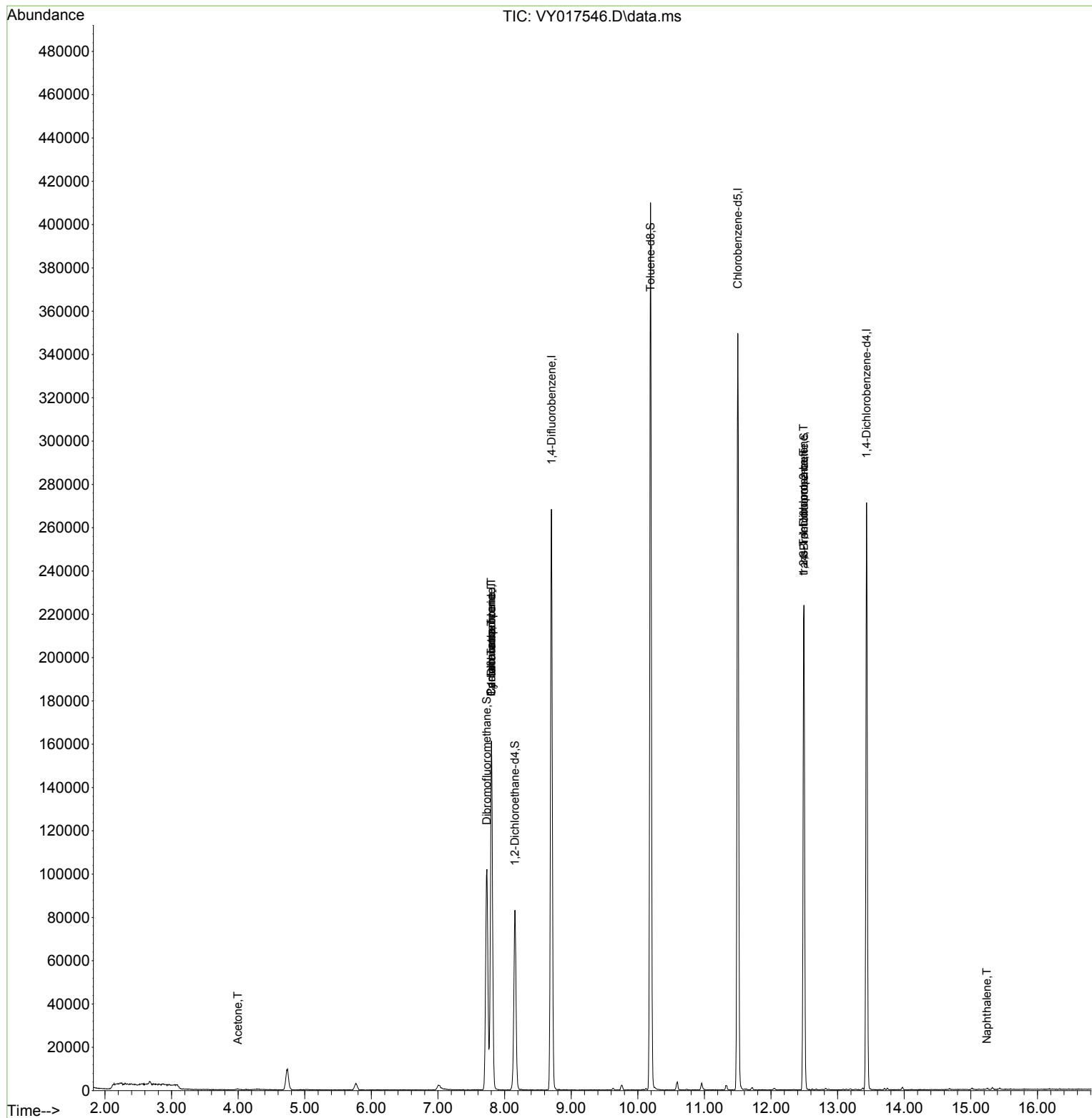
Internal Standards						
1) Pentafluorobenzene	7.801	168	129895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	237589	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	204486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61530	49.982	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.960%
35) Dibromofluoromethane	7.734	113	75047	45.329	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.660%
50) Toluene-d8	10.191	98	269587	46.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.495	95	68613	37.716	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.440%
Target Compounds						
					Qvalue	
16) Acetone	3.997	43	797	3.338	ug/l #	84
20) Methylene Chloride	4.741	84	7553	Below Cal		98
31) Cyclohexane	7.801	56	2289	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9302	4.164	ug/l #	47
38) Carbon Tetrachloride	7.801	117	12198	5.449	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	34329	49.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34329	113.466	ug/l #	16
95) Naphthalene	15.239	128	677	4.187	ug/l #	76

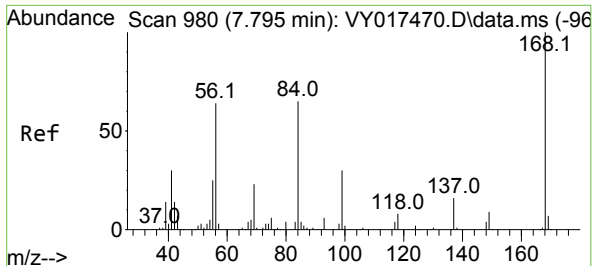
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
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Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
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SP-1

Quant Time: Mar 02 00:16:35 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

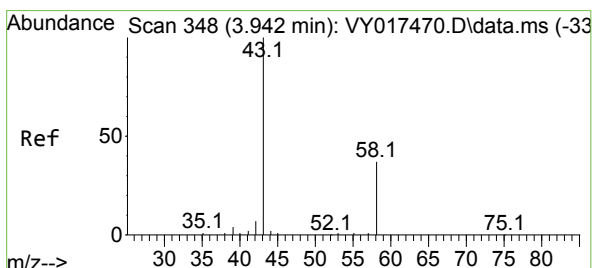
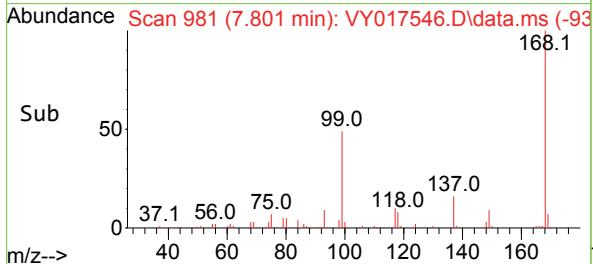
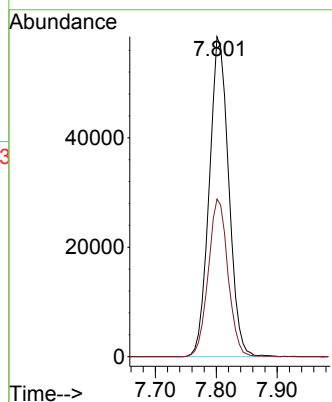
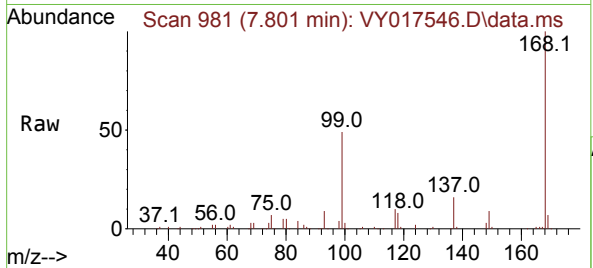




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

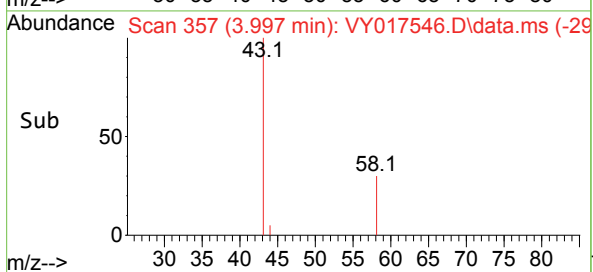
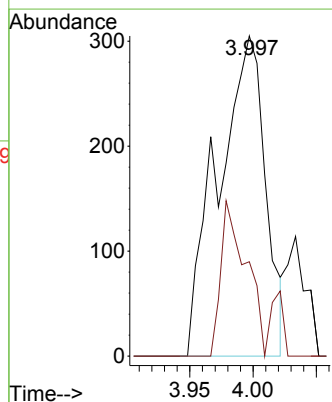
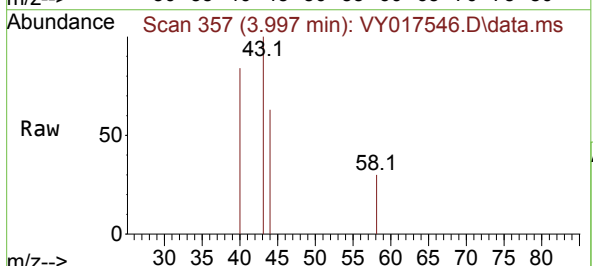
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

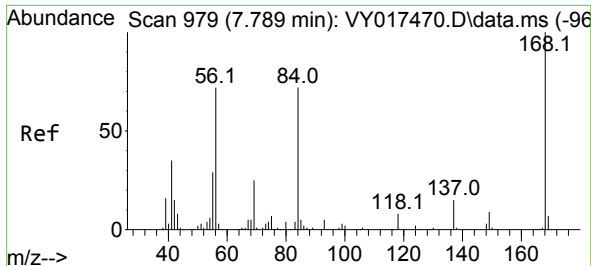
Tgt Ion:168 Resp: 129895
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#16
Acetone
Concen: 3.338 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.055 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#

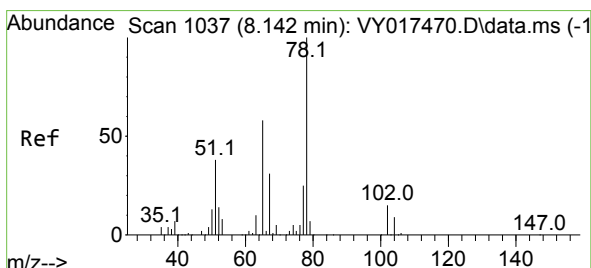
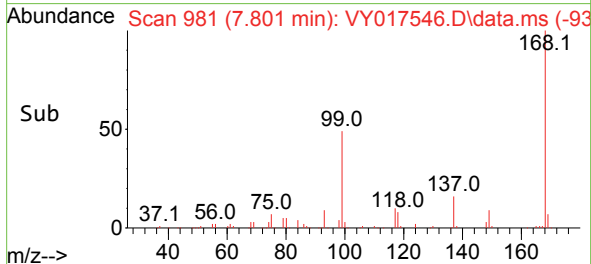
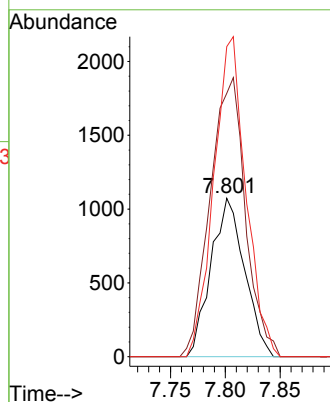
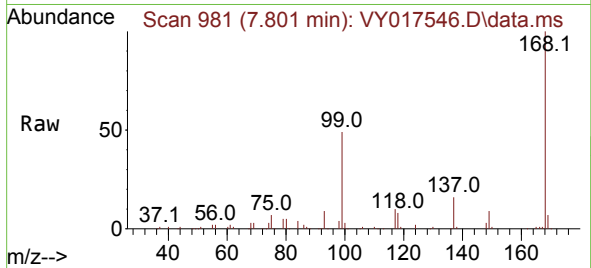




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

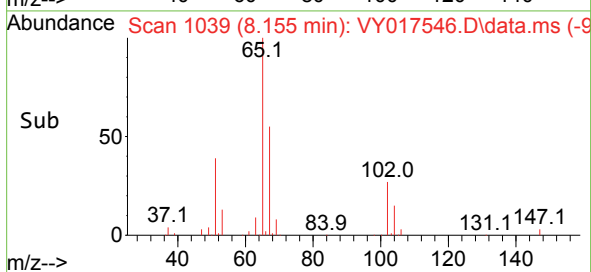
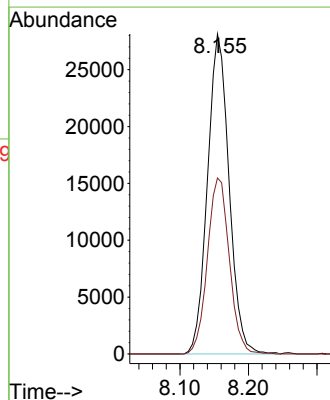
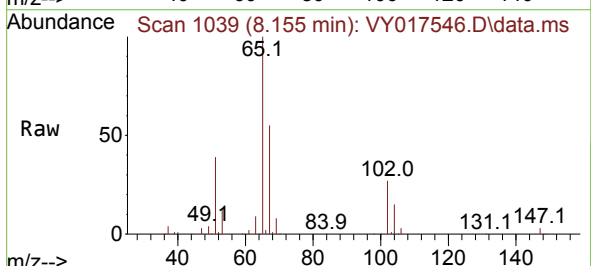
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

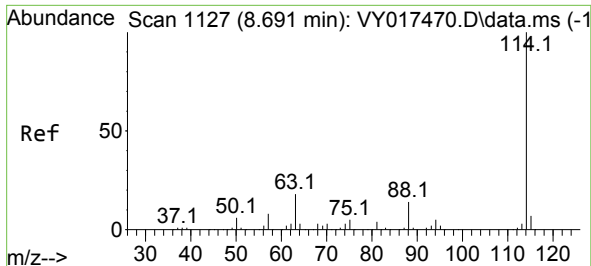
Tgt Ion: 56 Resp: 2289
Ion Ratio Lower Upper
56 100
69 166.3 28.7 43.1#
84 195.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.982 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion: 65 Resp: 61530
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6

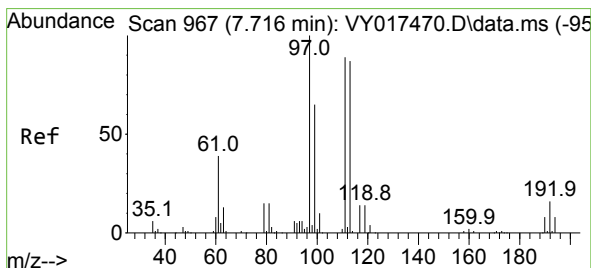
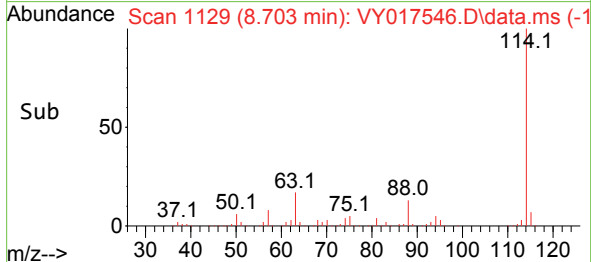
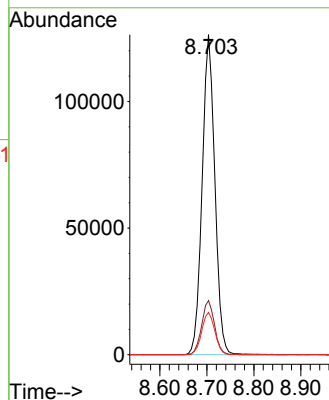
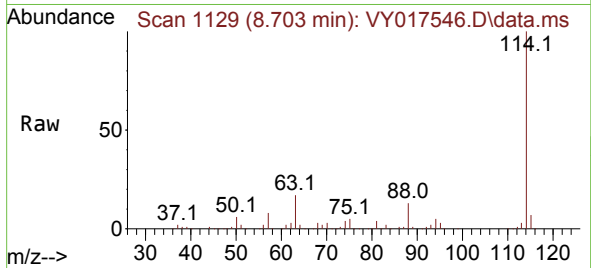




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

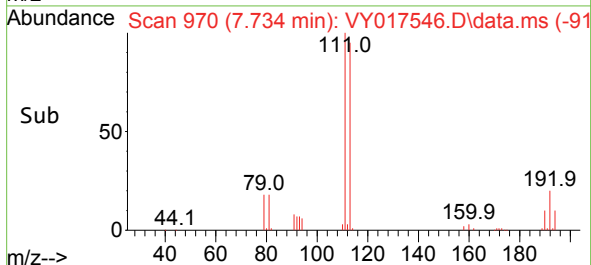
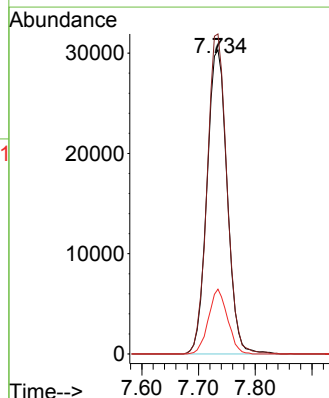
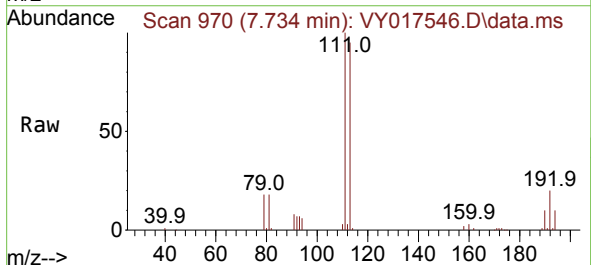
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

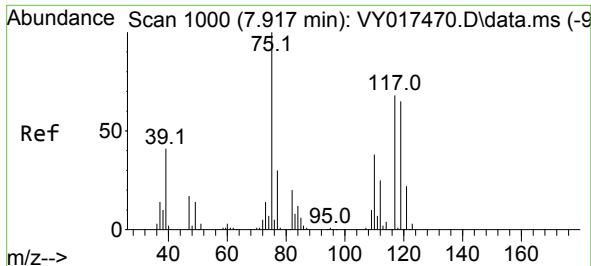
Tgt Ion:114 Resp: 237589
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.329 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion:113 Resp: 75047
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 20.2 15.9 23.9

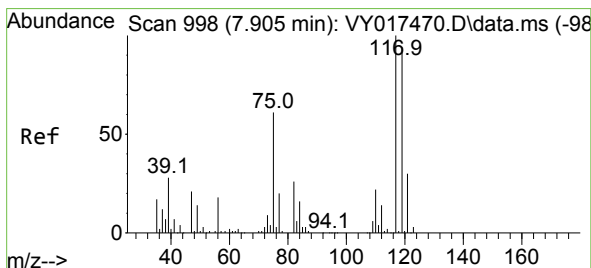
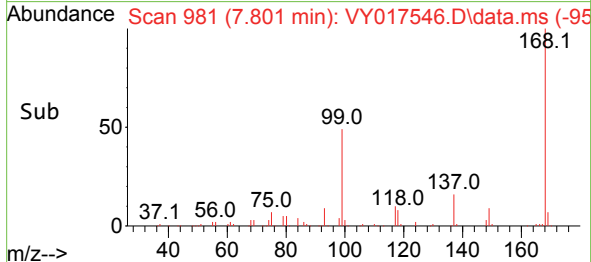
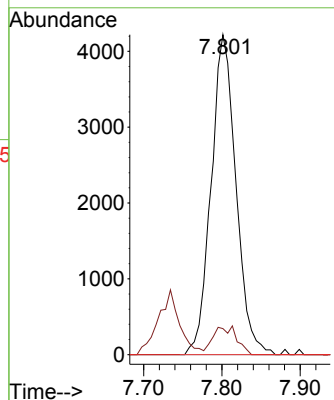
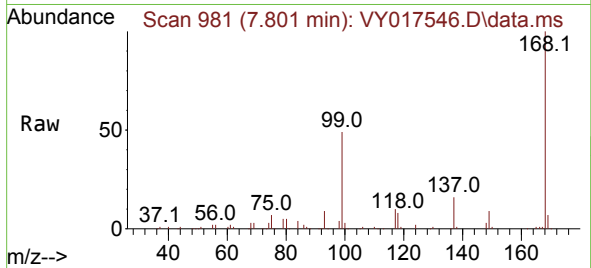




#36
1,1-Dichloropropene
Concen: 4.164 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

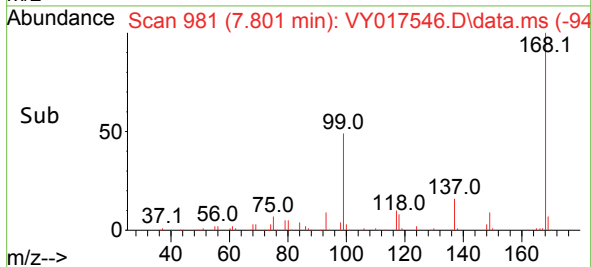
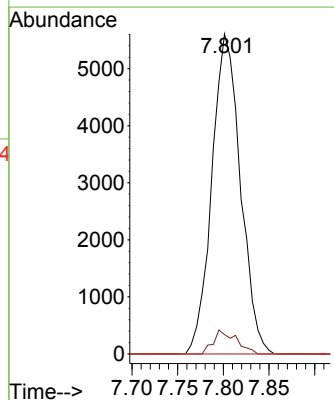
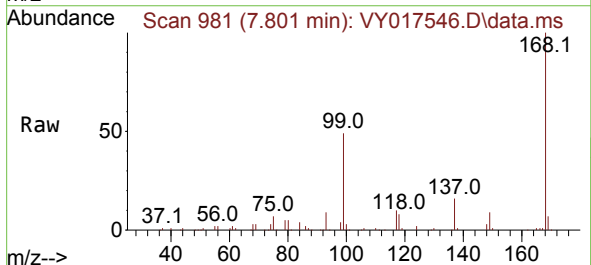
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

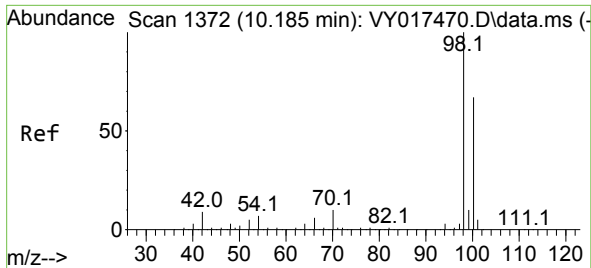
Tgt Ion: 75 Resp: 9302
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.449 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion: 117 Resp: 12198
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.0 36.0#

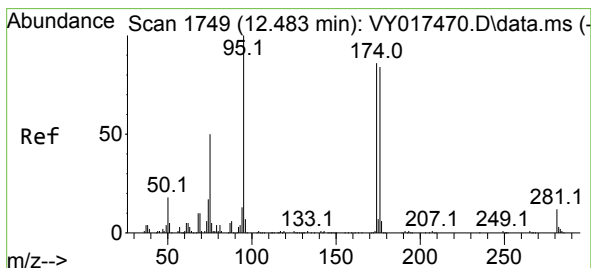
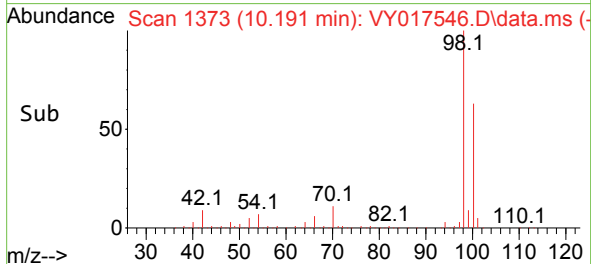
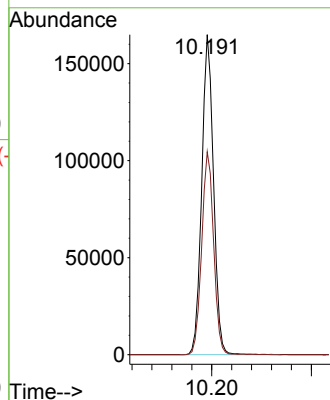
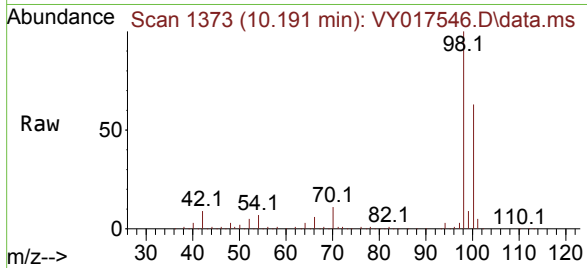




#50
Toluene-d8
Concen: 46.572 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

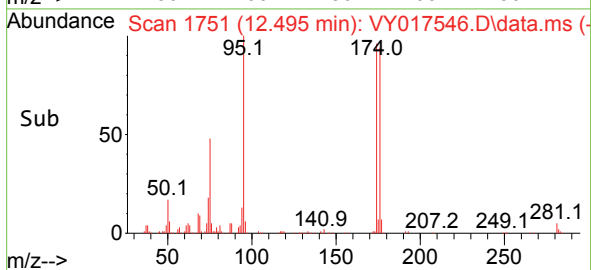
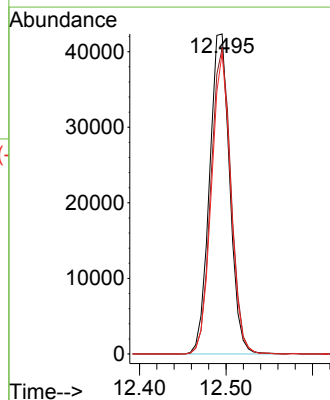
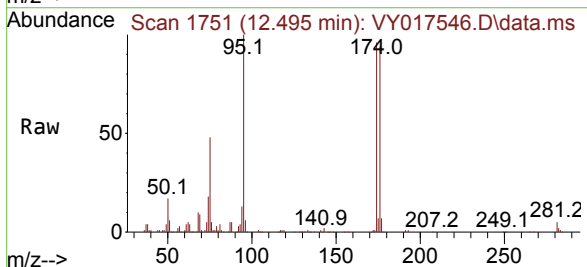
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

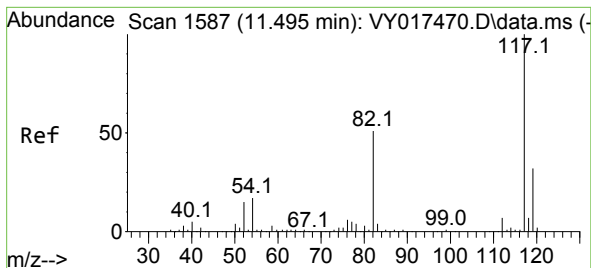
Tgt Ion: 98 Resp: 269587
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.716 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion: 95 Resp: 68613
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 90.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017546.D

Acq: 01 Mar 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

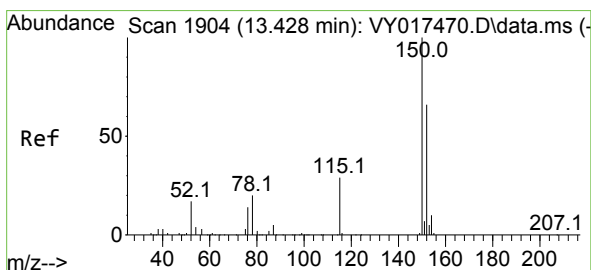
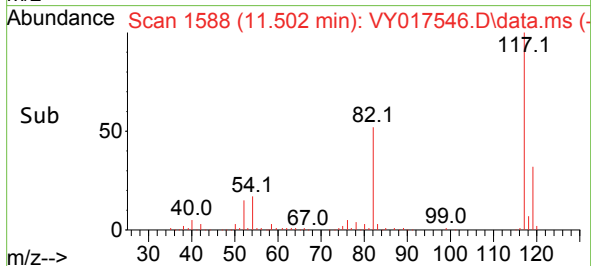
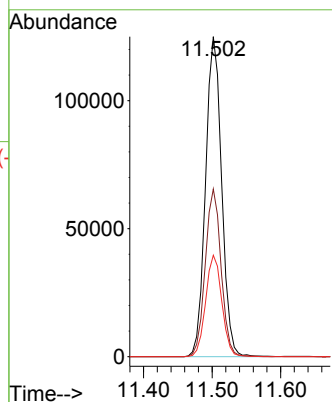
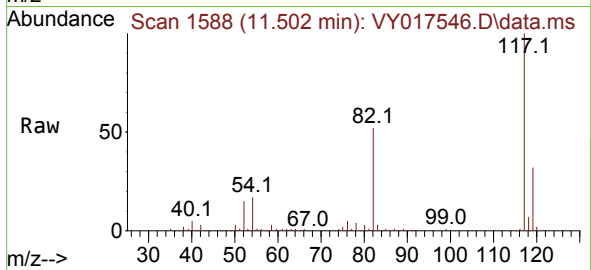
Tgt Ion:117 Resp: 204486

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017546.D

Acq: 01 Mar 2024 12:14

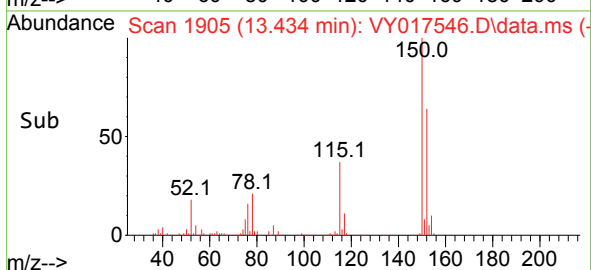
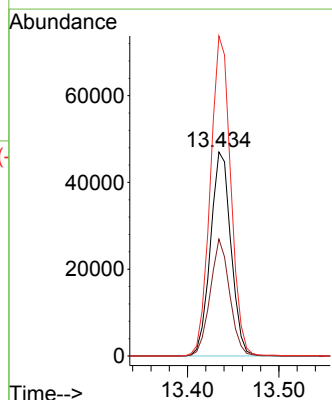
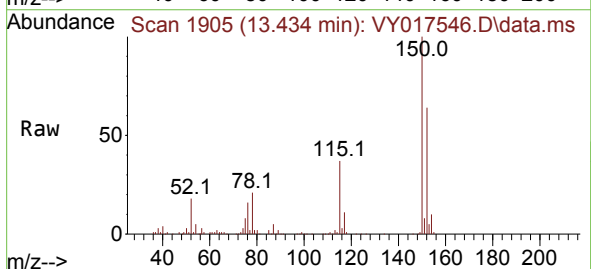
Tgt Ion:152 Resp: 73166

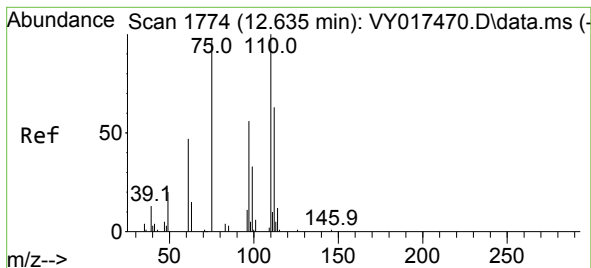
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 156.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 49.381 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017546.D

Acq: 01 Mar 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

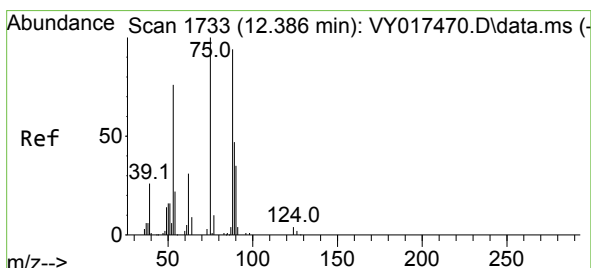
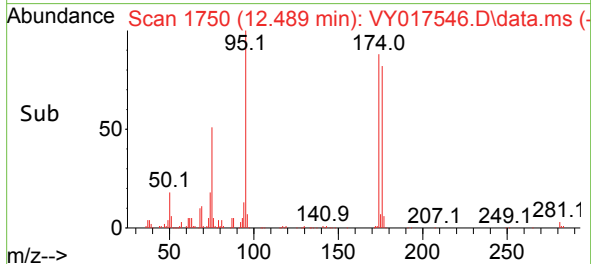
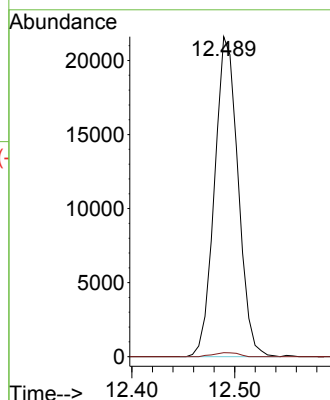
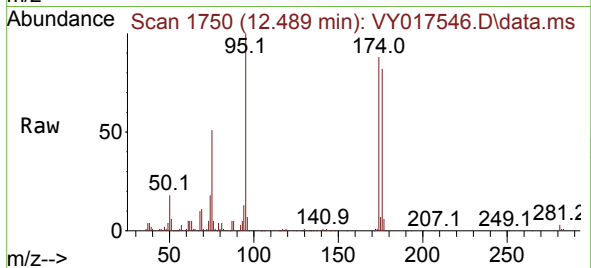
SP-1

Tgt Ion: 75 Resp: 34329

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.466 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017546.D

Acq: 01 Mar 2024 12:14

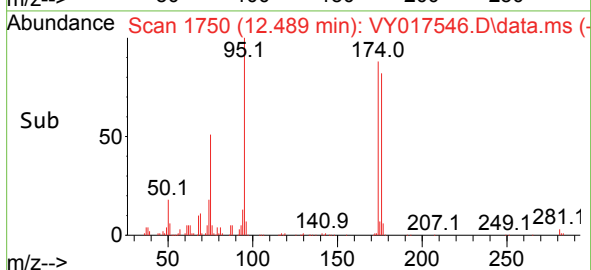
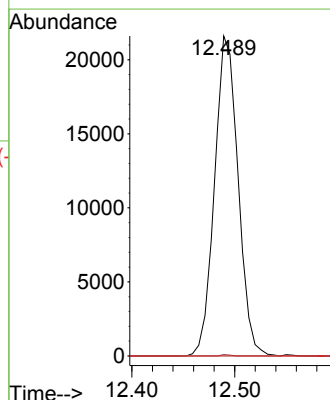
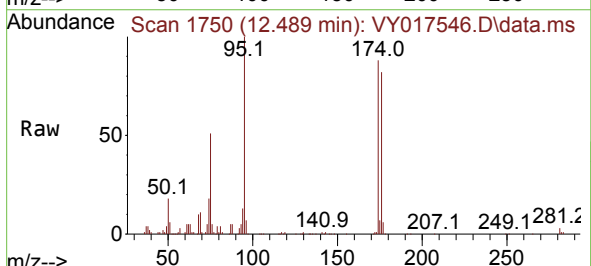
Tgt Ion: 75 Resp: 34329

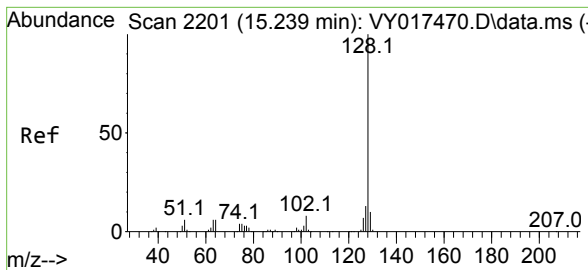
Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

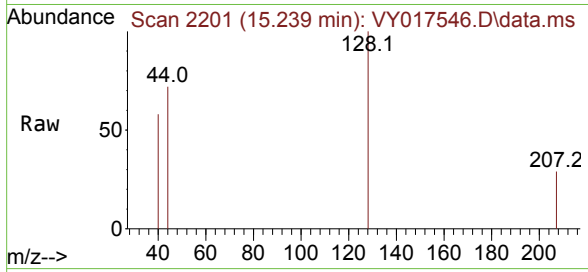
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.187 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :
SP-1



Tgt Ion:	128	Resp:	677
Ion	Ratio	Lower	Upper
128	100		
127	5.2	10.6	16.0#
129	0.0	8.6	13.0#

