

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017538.D
 Acq On : 29 Feb 2024 19:16
 Operator : SY/MD
 Sample : P1620-31
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4

Quant Time: Mar 01 00:34:40 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)

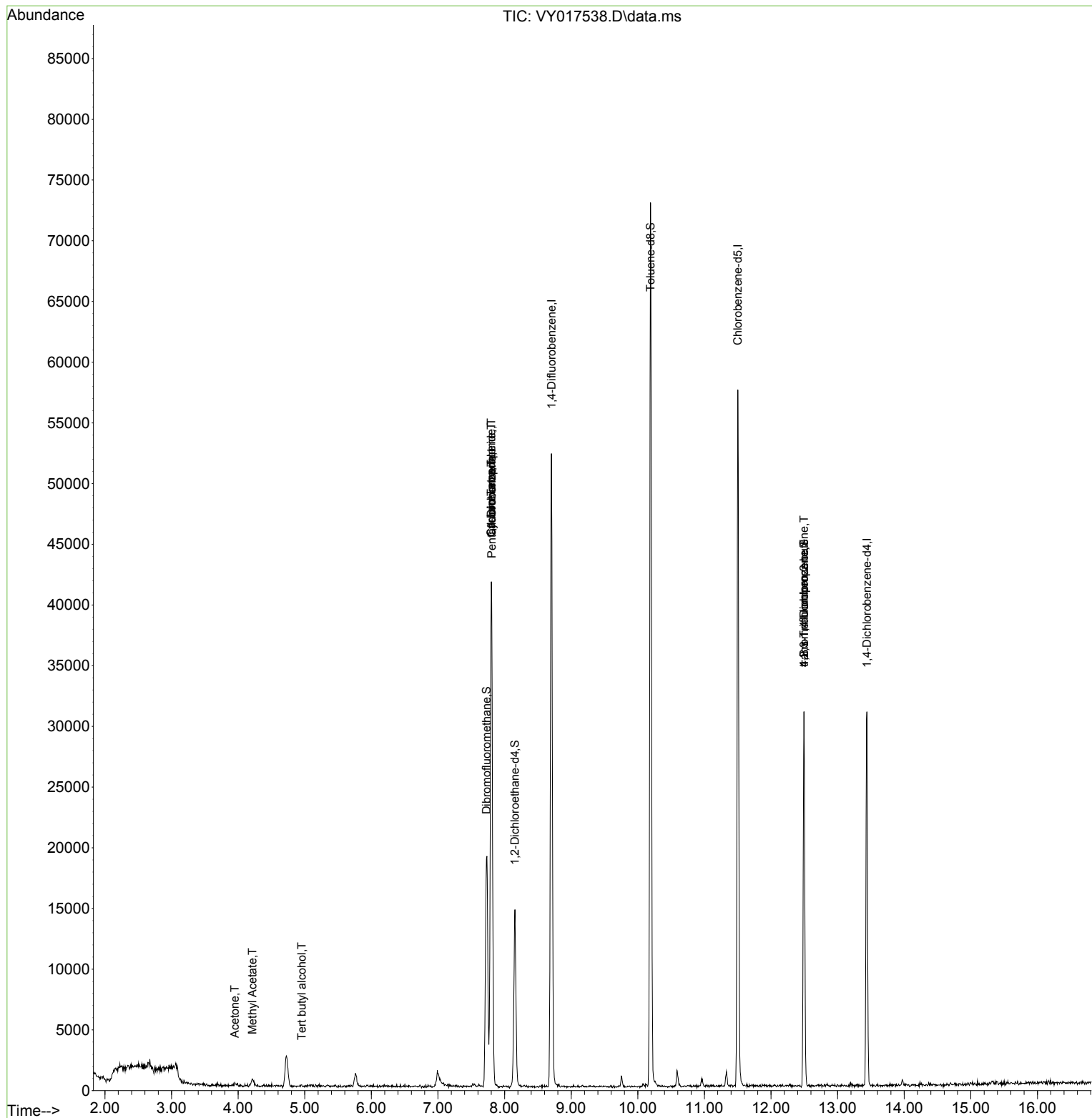
Internal Standards						
1) Pentafluorobenzene	7.807	168	34724	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	47478	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	33921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	9344	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	10965	33.319	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.640%
35) Dibromofluoromethane	7.728	113	14730	44.523	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.040%
50) Toluene-d8	10.191	98	50917	44.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.040%
62) 4-Bromofluorobenzene	12.495	95	9160	25.197	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	31	1.109	ug/l #	88
16) Acetone	3.948	43	509	7.974	ug/l #	36
18) Methyl Acetate	4.216	43	221	1.427	ug/l #	46
31) Cyclohexane	7.801	56	579	1.081	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	2745	6.150	ug/l #	42
38) Carbon Tetrachloride	7.801	117	3067	6.856	ug/l #	13
76) 1,2,3-Trichloropropane	12.495	75	4518	50.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	4518	116.930	ug/l #	16

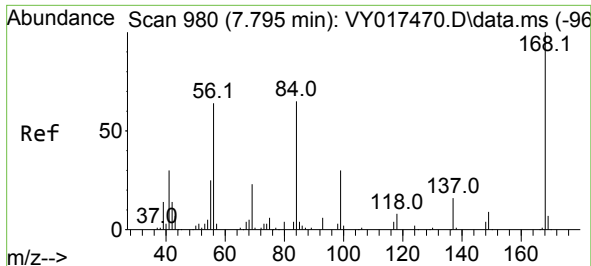
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

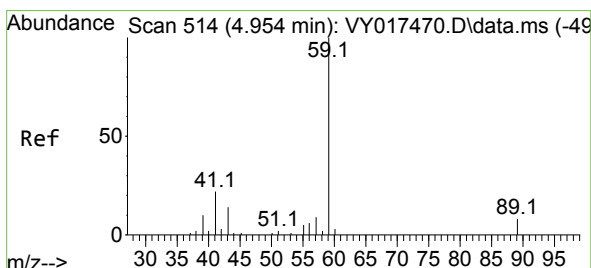
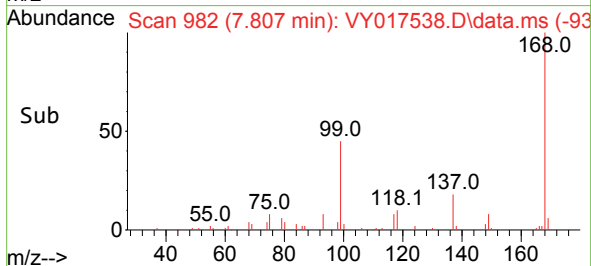
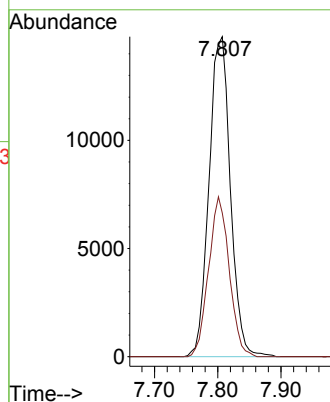
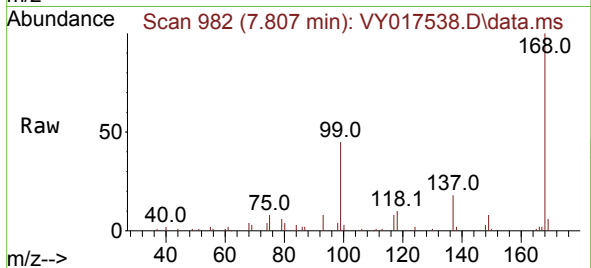




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

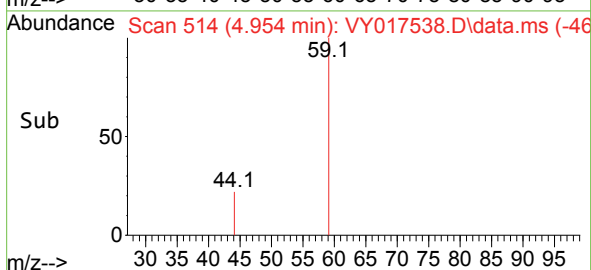
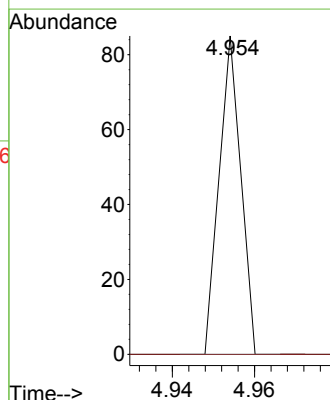
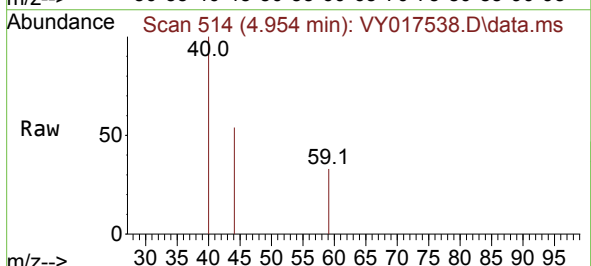
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

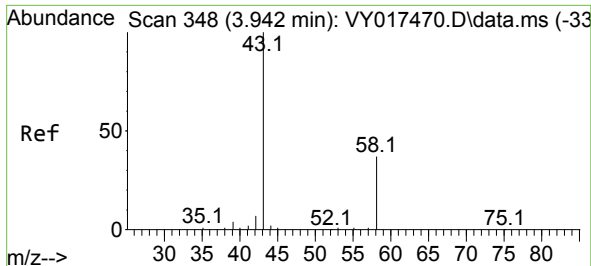
Tgt Ion:168 Resp: 34724
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.109 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Tgt Ion: 59 Resp: 31
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

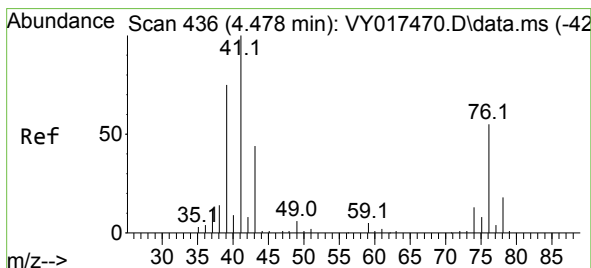
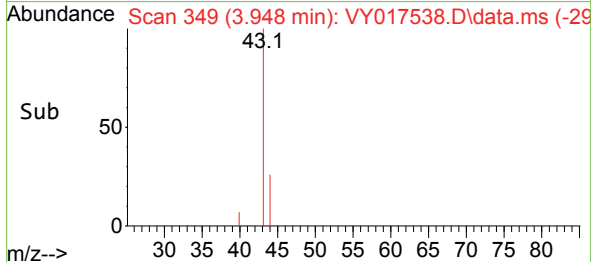
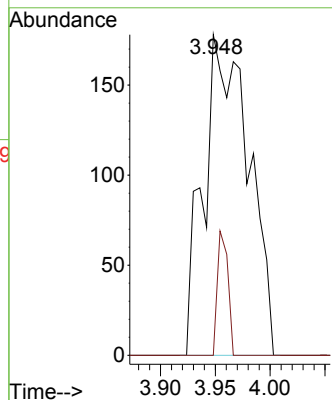
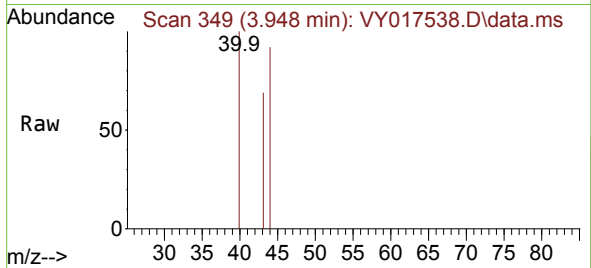




#16
Acetone
Concen: 7.974 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

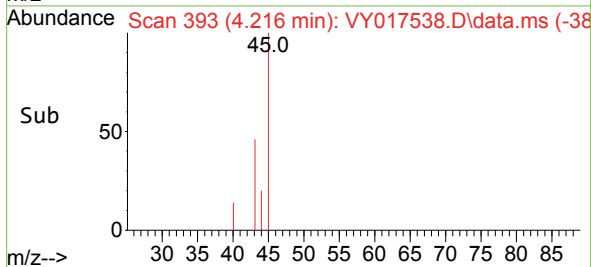
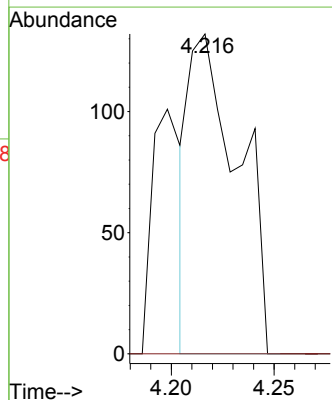
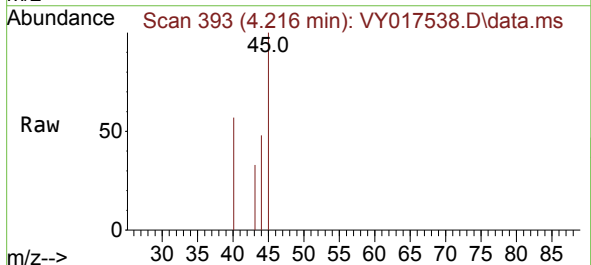
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

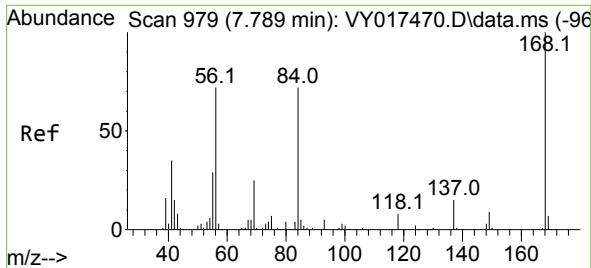
Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 1.427 ug/l
RT: 4.216 min Scan# 393
Delta R.T. -0.262 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#

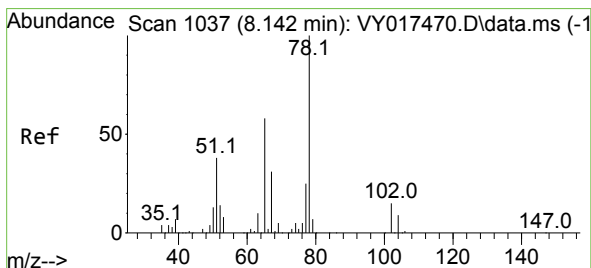
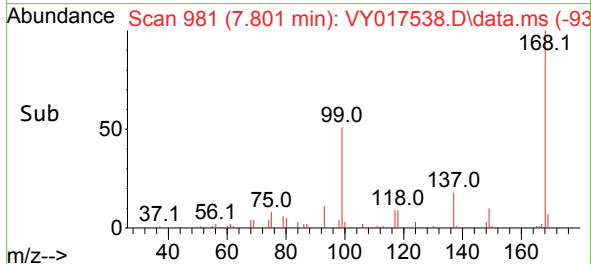
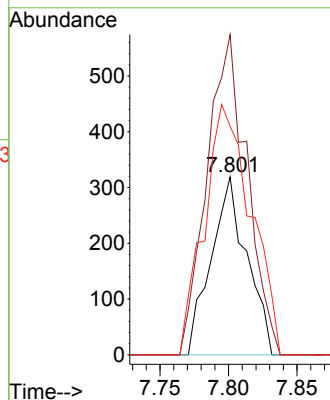
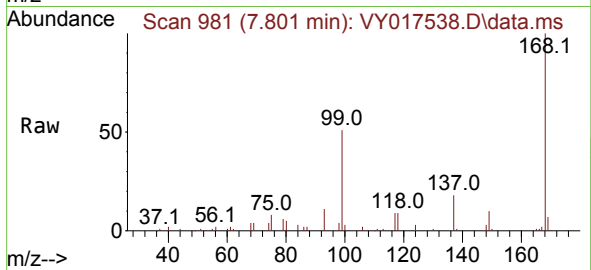




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

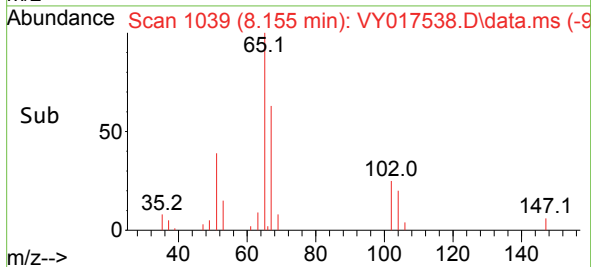
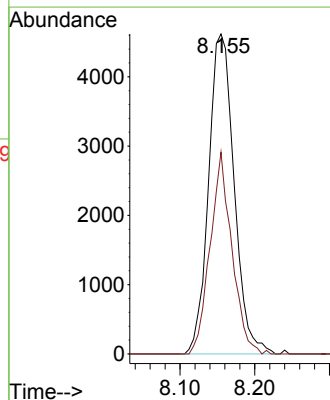
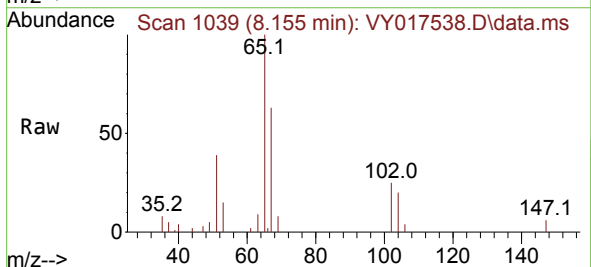
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

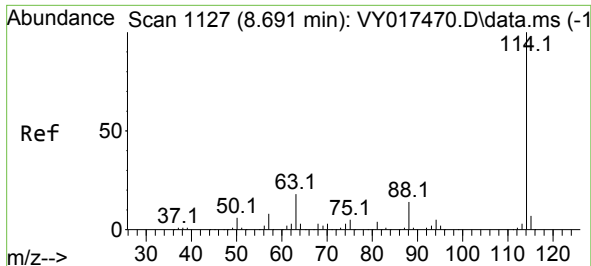
Tgt Ion: 56 Resp: 579
Ion Ratio Lower Upper
56 100
69 179.9 28.7 43.1#
84 128.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 33.319 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Tgt Ion: 65 Resp: 10965
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

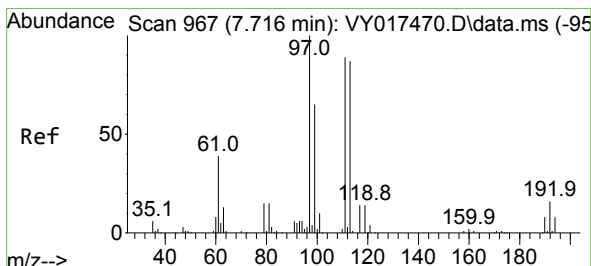
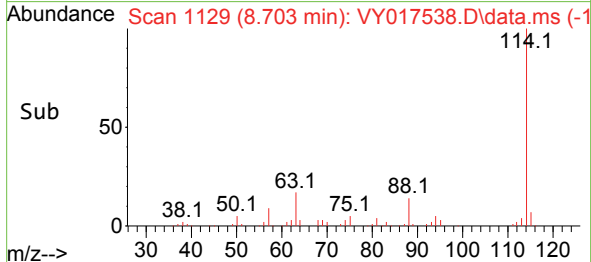
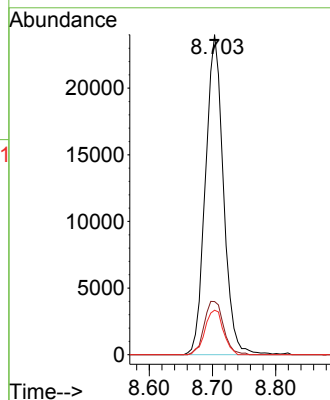
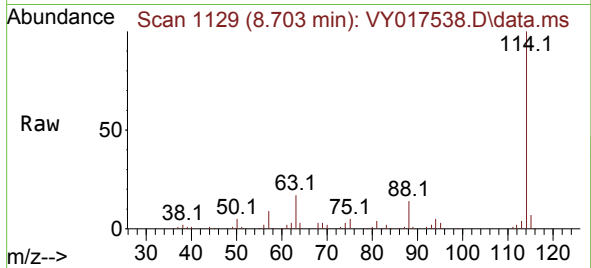




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

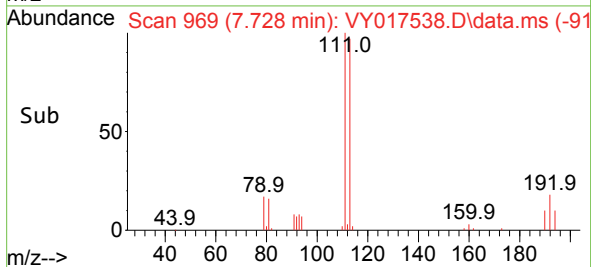
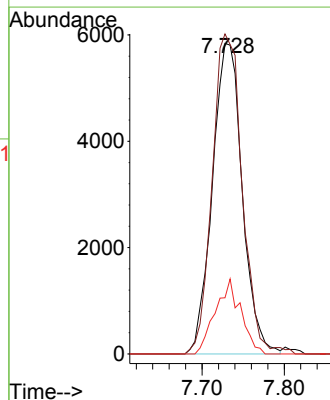
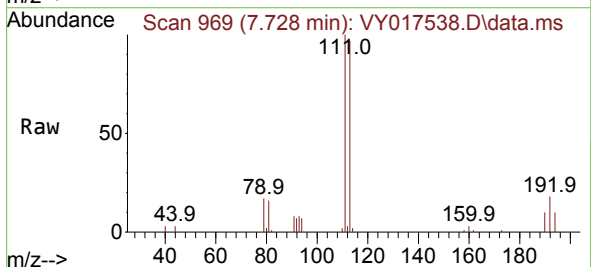
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

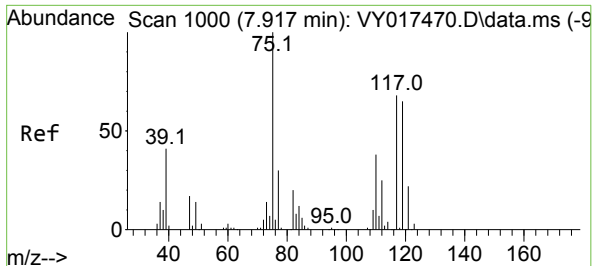
Tgt Ion:114 Resp: 47478
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 44.523 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Tgt Ion:113 Resp: 14730
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 20.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.150 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

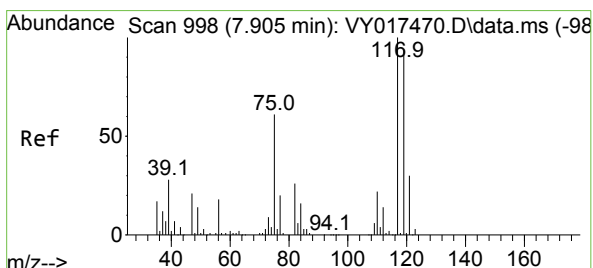
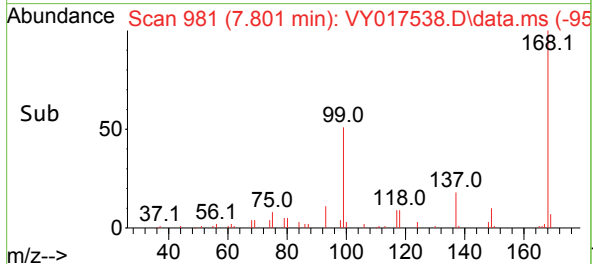
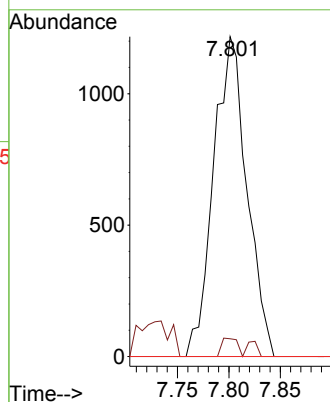
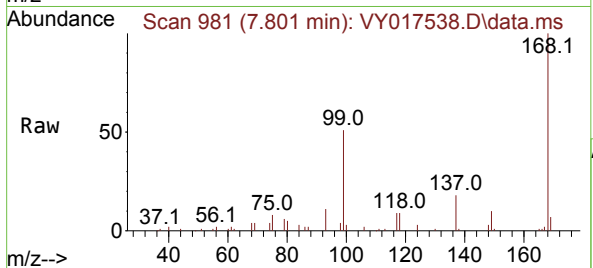
Tgt Ion: 75 Resp: 2745

Ion Ratio Lower Upper

75 100

110 2.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.856 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

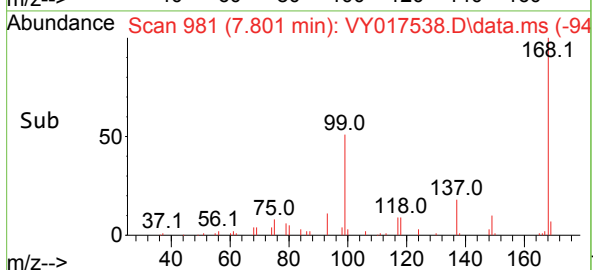
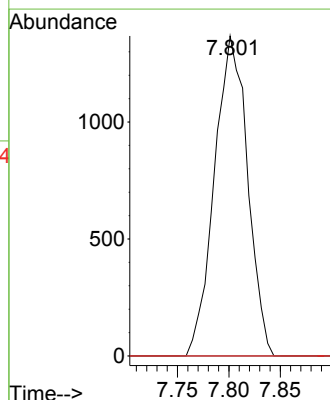
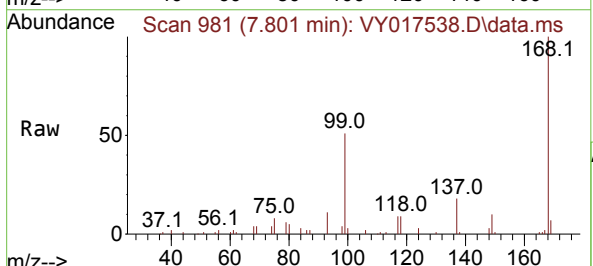
Tgt Ion: 117 Resp: 3067

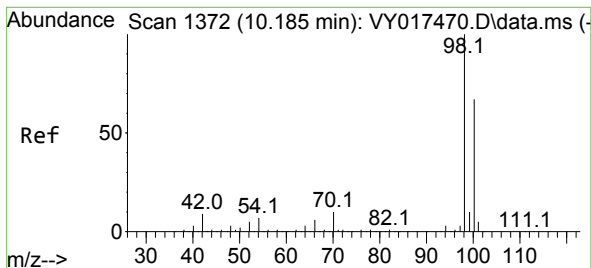
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 44.017 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

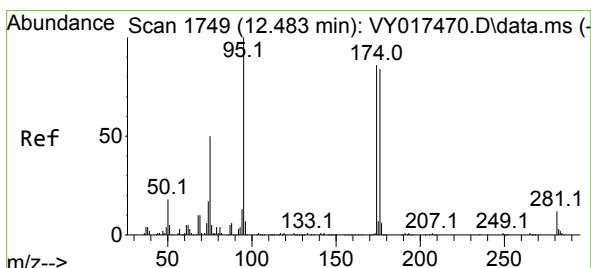
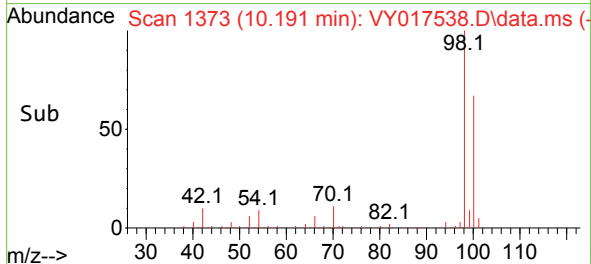
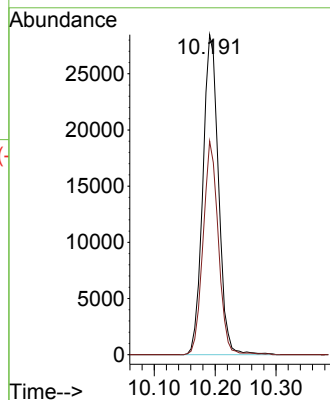
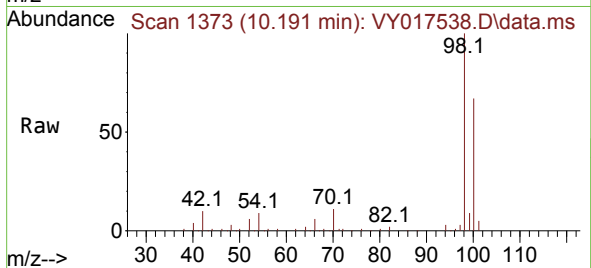
SP-4

Tgt Ion: 98 Resp: 50917

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 25.197 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

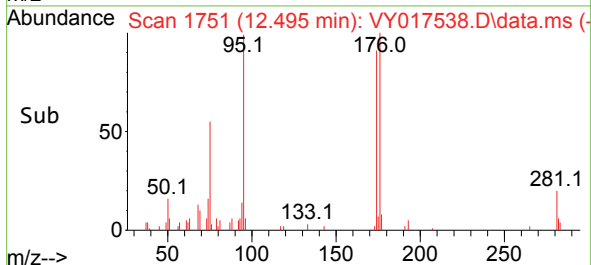
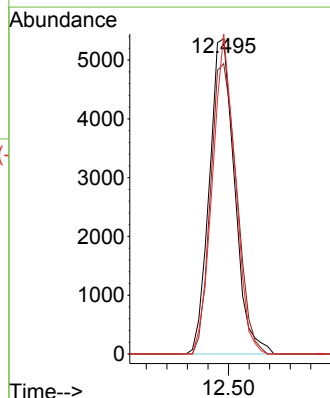
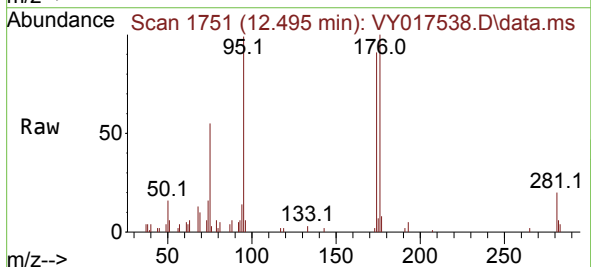
Tgt Ion: 95 Resp: 9160

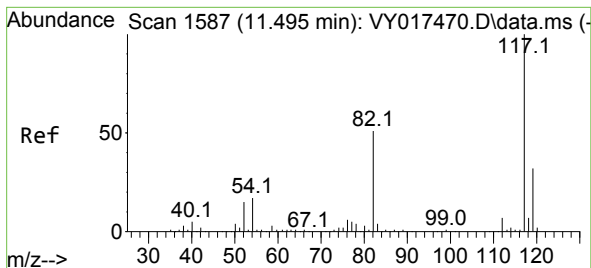
Ion Ratio Lower Upper

95 100

174 95.2 0.0 175.6

176 91.6 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: VY017538.D

Acq: 29 Feb 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

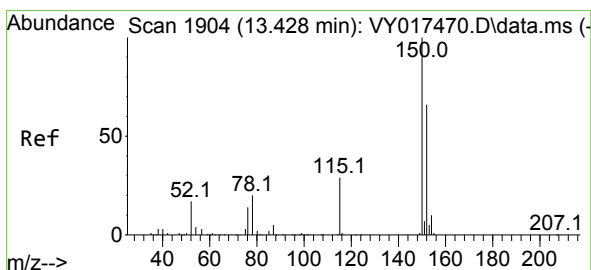
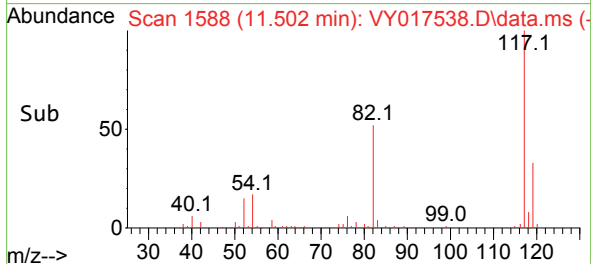
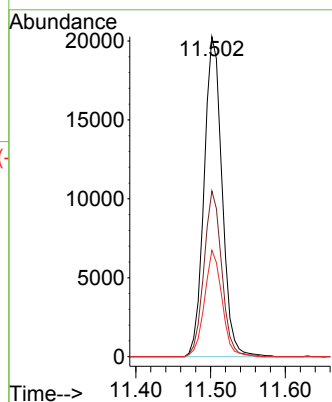
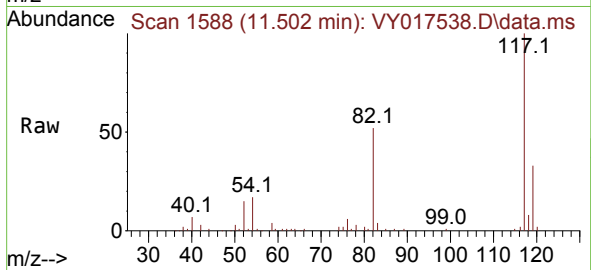
Tgt Ion:117 Resp: 33921

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 33.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

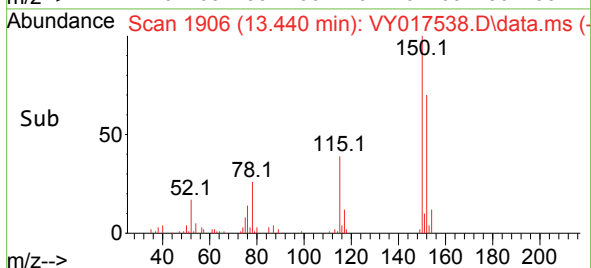
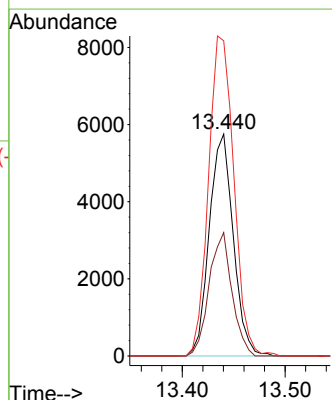
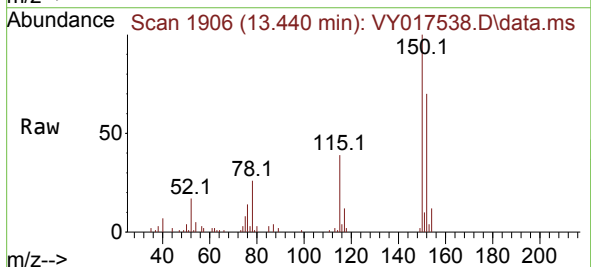
Tgt Ion:152 Resp: 9344

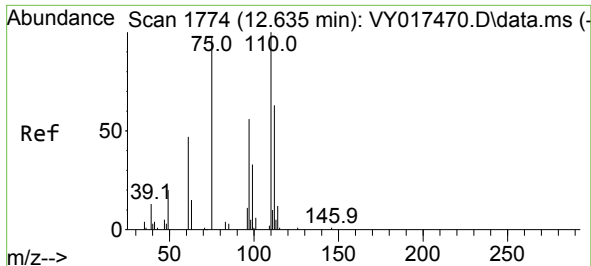
Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 152.1 0.0 345.6

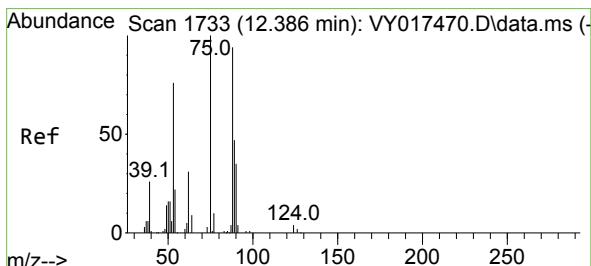
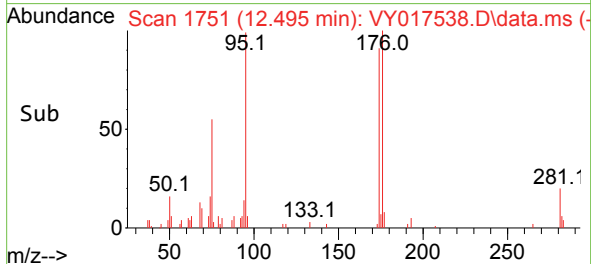
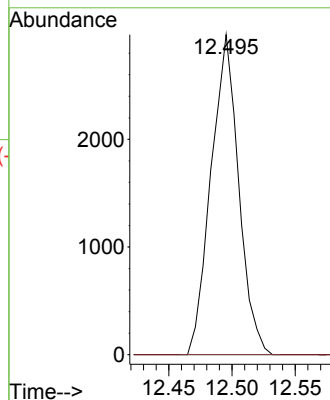
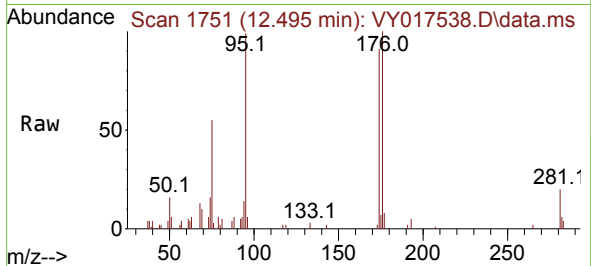




#76
1,2,3-Trichloropropane
Concen: 50.889 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
SP-4

Tgt Ion: 75 Resp: 4518
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 116.930 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Tgt Ion: 75 Resp: 4518
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

