

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017022.D
 Acq On : 17 Jan 2024 19:38
 Operator : SY/MD
 Sample : P1155-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 18 00:47:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

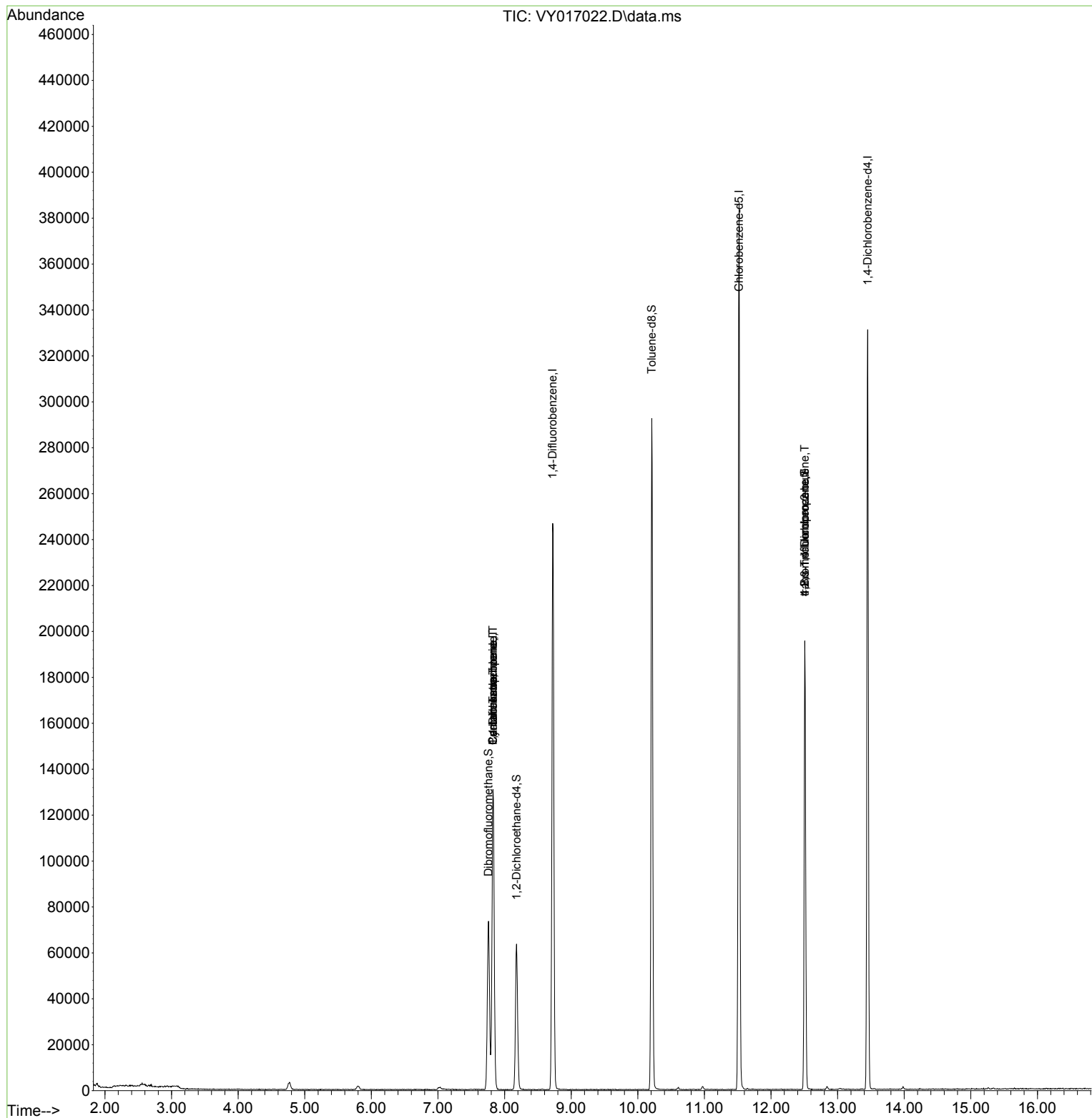
Internal Standards						
1) Pentafluorobenzene	7.825	168	100190	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	219168	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	209447	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	82146	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	48941	49.423	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.840%		
35) Dibromofluoromethane	7.758	113	53108	38.026	ug/l	0.03
Spiked Amount 50.000	Range 54 - 147		Recovery =	76.060%		
50) Toluene-d8	10.209	98	190822	39.678	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.360%		
62) 4-Bromofluorobenzene	12.508	95	61157	37.691	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery =	75.380%		
Target Compounds						
16) Acetone	3.991	43	307	Below Cal	#	41
20) Methylene Chloride	4.771	84	2564	Below Cal		92
31) Cyclohexane	7.825	56	2159	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.825	75	8458	4.155	ug/l #	48
38) Carbon Tetrachloride	7.825	117	10253	4.958	ug/l #	17
76) 1,2,3-Trichloropropane	12.508	75	32597	36.567	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	32597	83.034	ug/l #	12

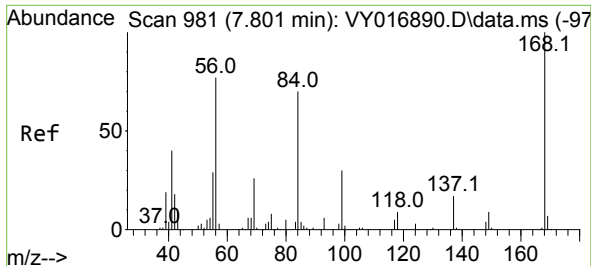
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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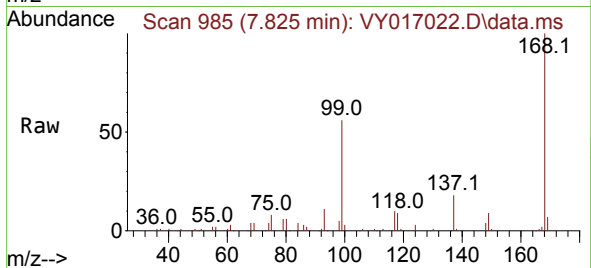
Quant Time: Jan 18 00:47:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
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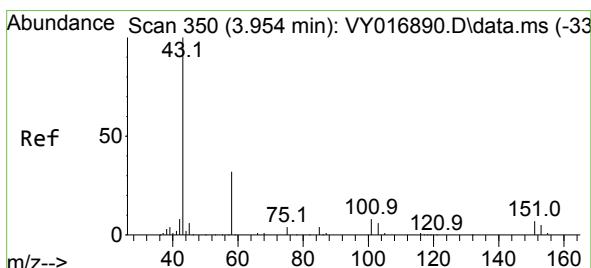
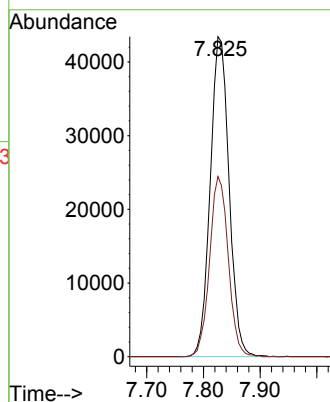
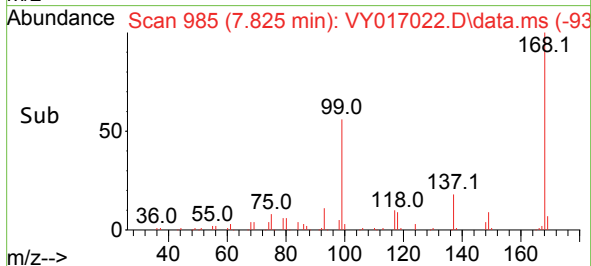


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

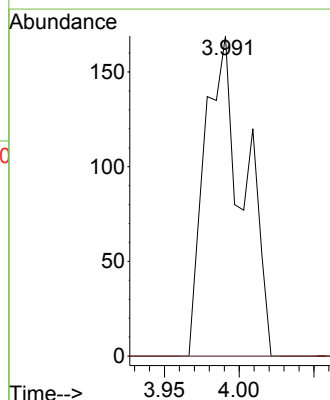
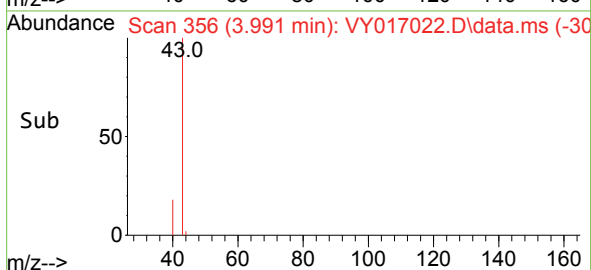
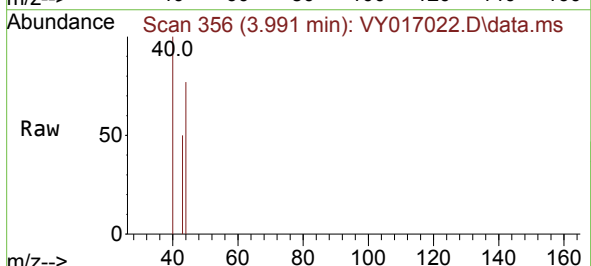


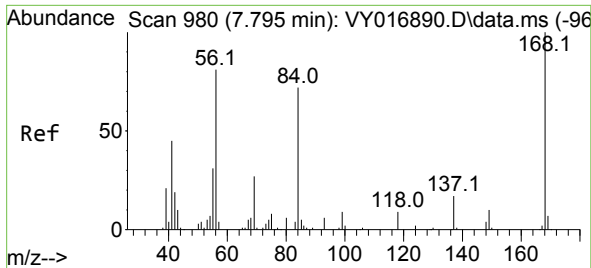
Tgt Ion:168 Resp: 100190
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.991 min Scan# 356
Delta R.T. 0.031 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

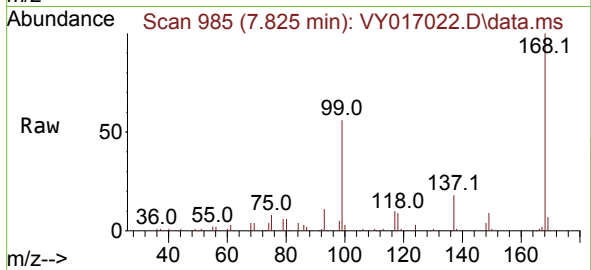
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



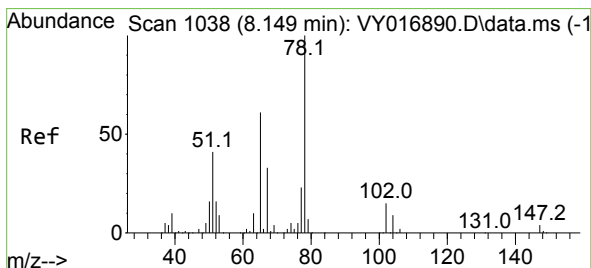
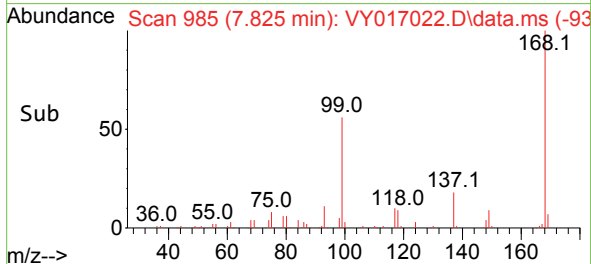
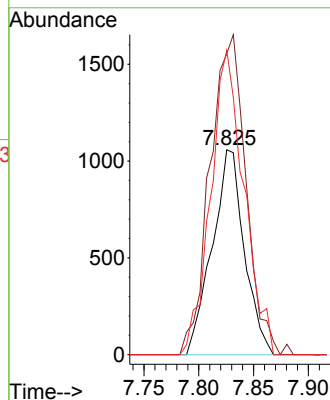


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

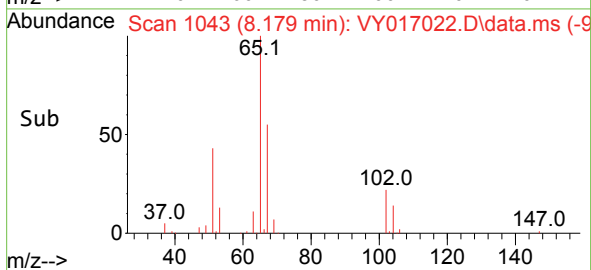
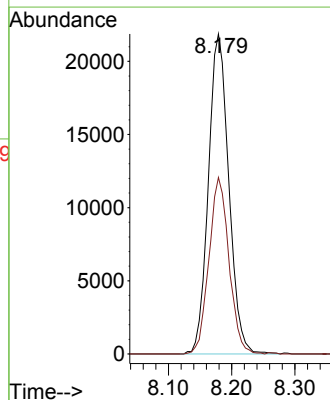
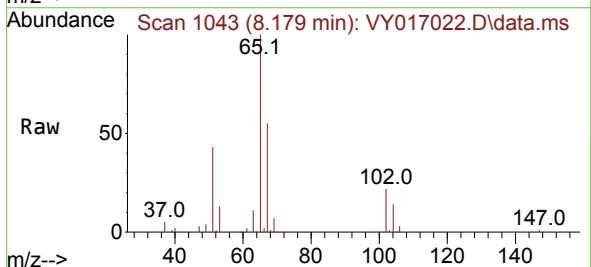


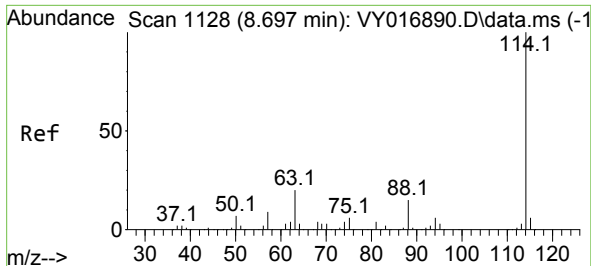
Tgt Ion: 56 Resp: 2159
Ion Ratio Lower Upper
56 100
69 146.7 27.0 40.6#
84 148.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 49.423 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Tgt Ion: 65 Resp: 48941
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017022.D

Acq: 17 Jan 2024 19:38

Instrument :

MSVOA_Y

ClientSampleId :

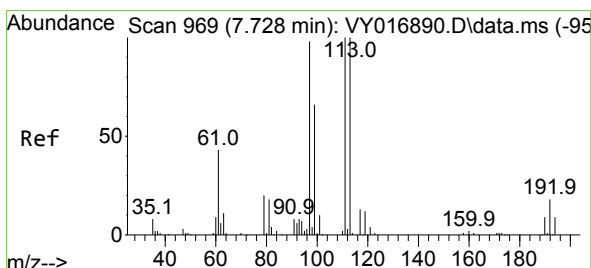
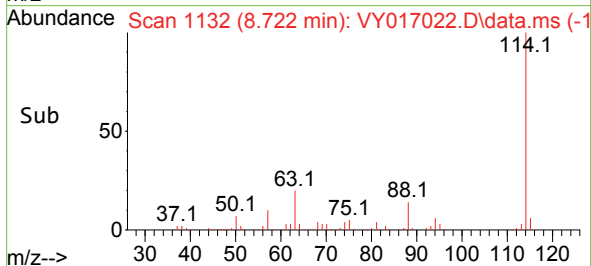
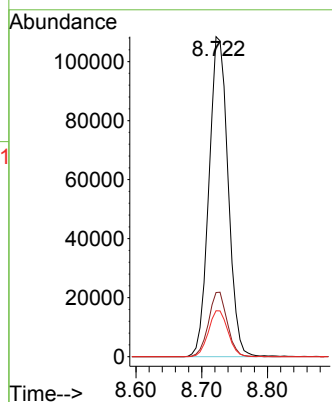
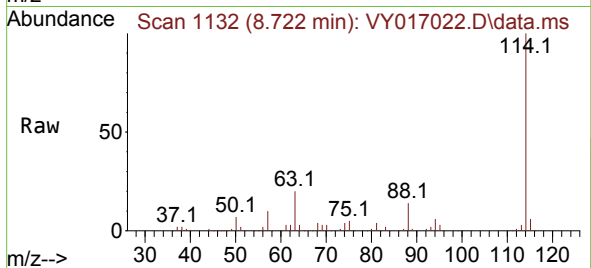
Tgt Ion:114 Resp: 219168

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.026 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.030 min

Lab File: VY017022.D

Acq: 17 Jan 2024 19:38

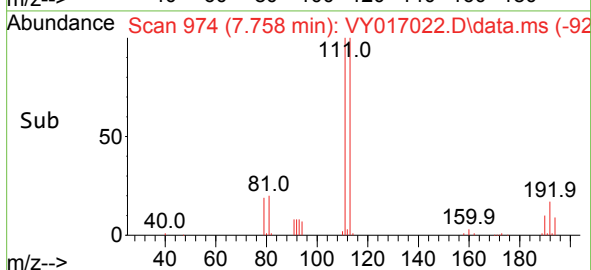
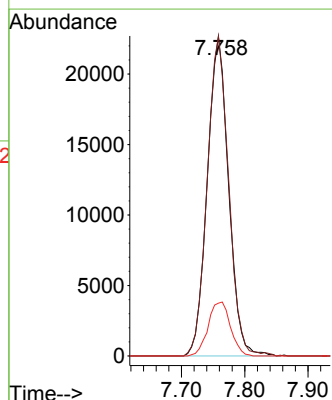
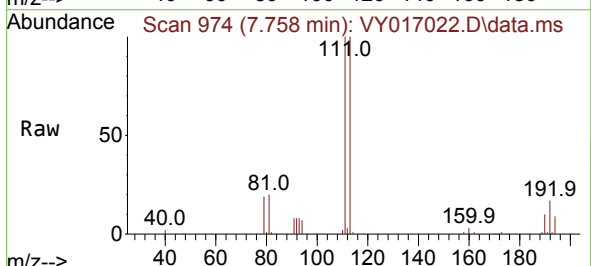
Tgt Ion:113 Resp: 53108

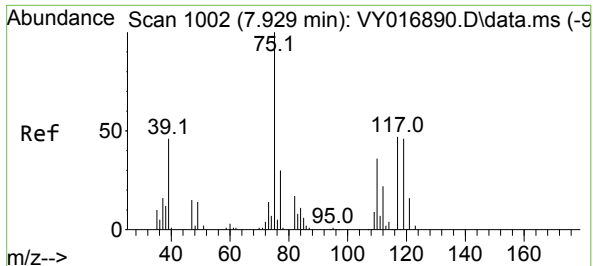
Ion Ratio Lower Upper

113 100

111 100.5 83.8 125.6

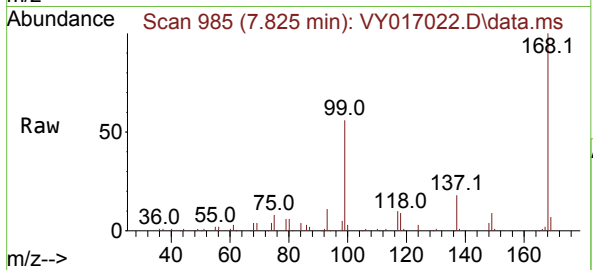
192 17.7 14.5 21.7



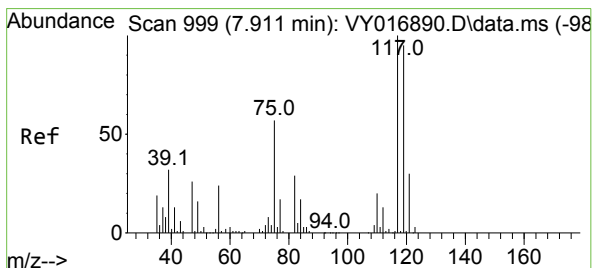
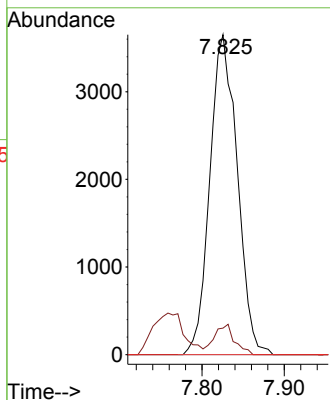
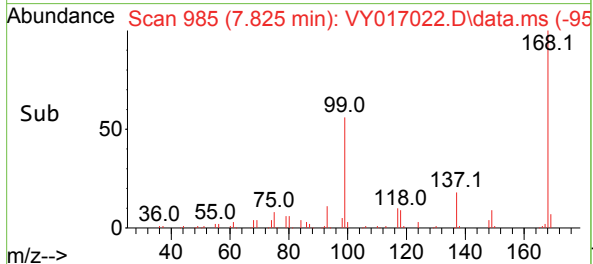


#36
 1,1-Dichloropropene
 Concen: 4.155 ug/l
 RT: 7.825 min Scan# 985
 Delta R.T. -0.104 min
 Lab File: VY017022.D
 Acq: 17 Jan 2024 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :

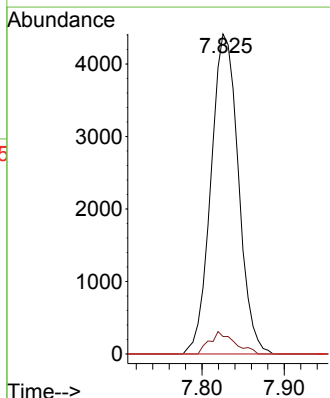
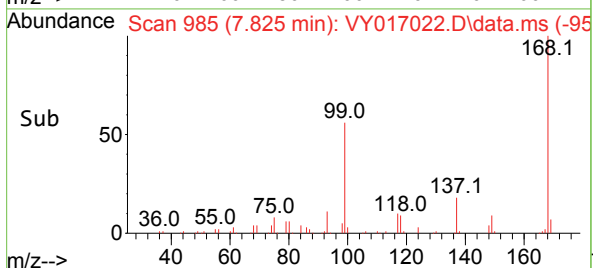
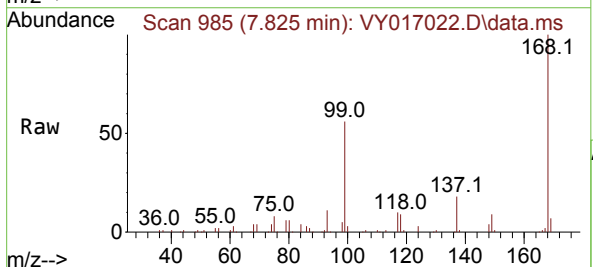


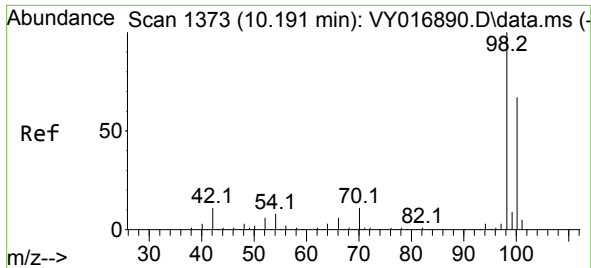
Tgt Ion: 75 Resp: 8458
 Ion Ratio Lower Upper
 75 100
 110 7.0 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.958 ug/l
 RT: 7.825 min Scan# 985
 Delta R.T. -0.092 min
 Lab File: VY017022.D
 Acq: 17 Jan 2024 19:38

Tgt Ion: 117 Resp: 10253
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.0 114.0#
 121 0.0 24.2 36.2#

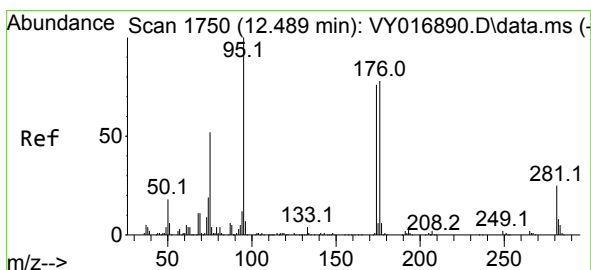
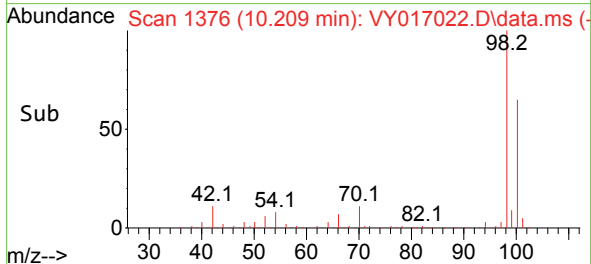
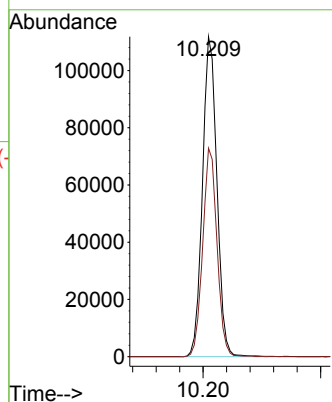
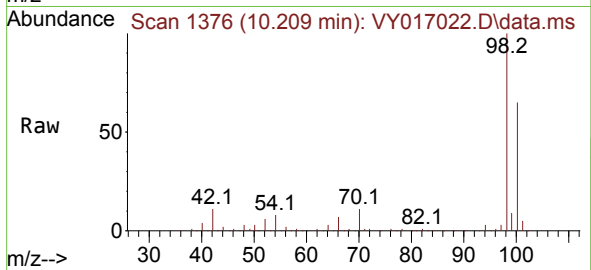




#50
Toluene-d8
Concen: 39.678 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

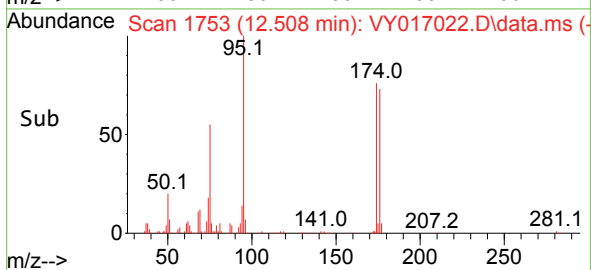
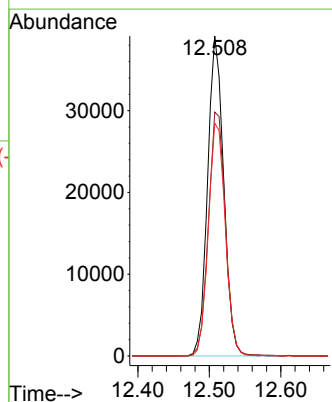
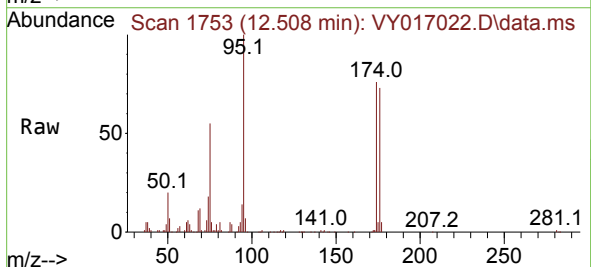
Instrument :
MSVOA_Y
ClientSampleId :

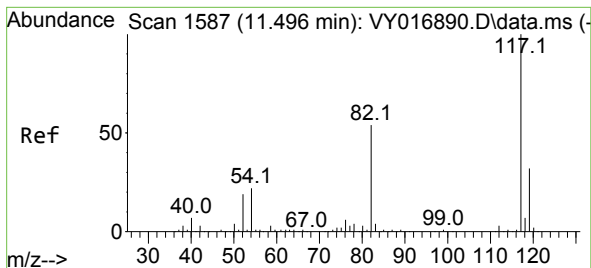
Tgt Ion: 98 Resp: 190822
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.691 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Tgt Ion: 95 Resp: 61157
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 76.4 0.0 151.8

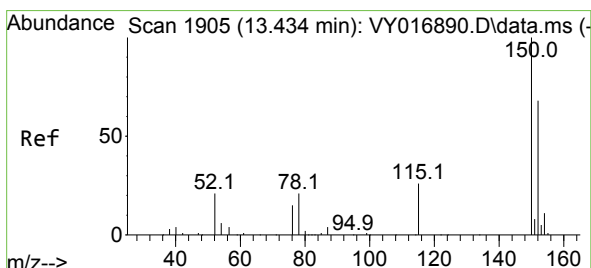
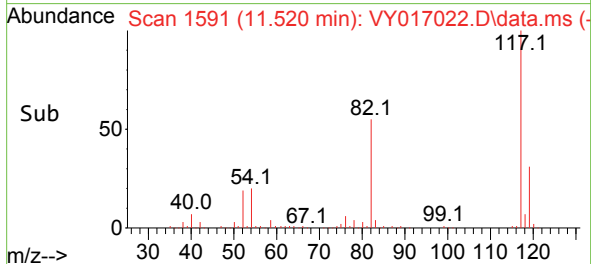
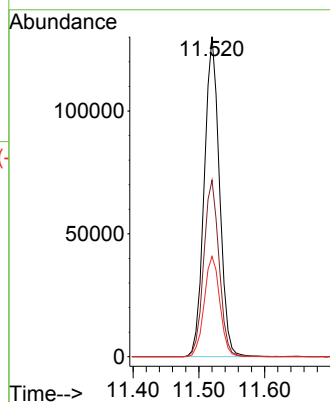
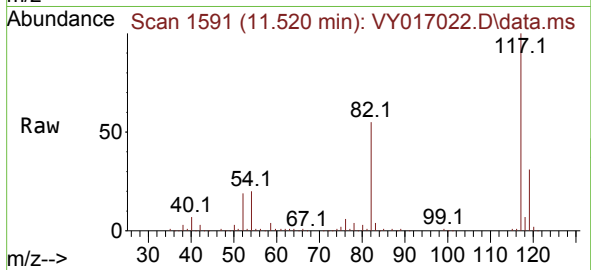




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

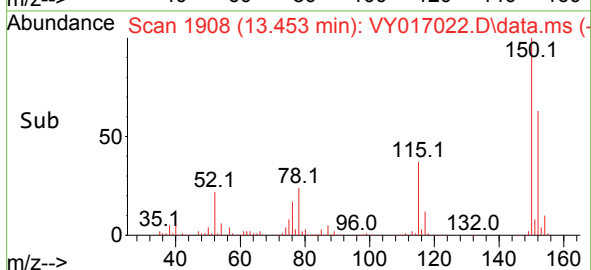
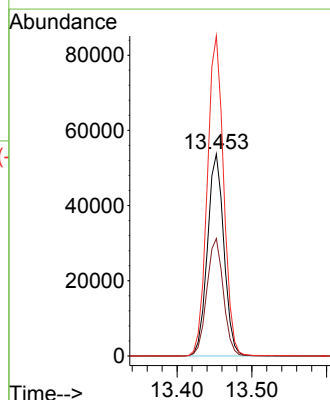
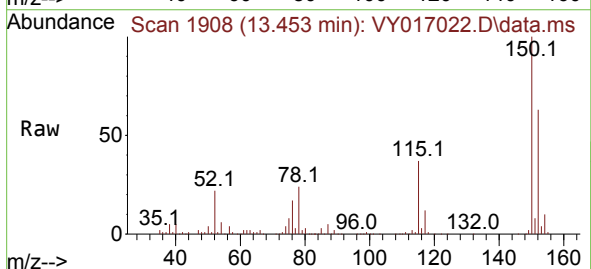
Instrument :
MSVOA_Y
ClientSampleId :

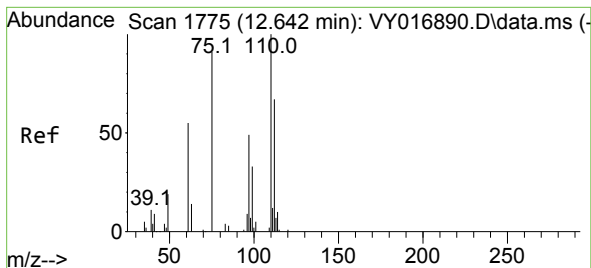
Tgt Ion:117 Resp: 209447
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Tgt Ion:152 Resp: 82146
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 157.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 36.567 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017022.D

Acq: 17 Jan 2024 19:38

Instrument :

MSVOA_Y

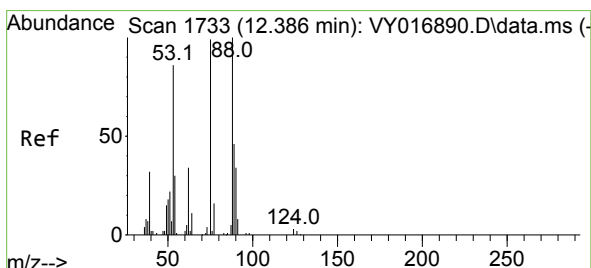
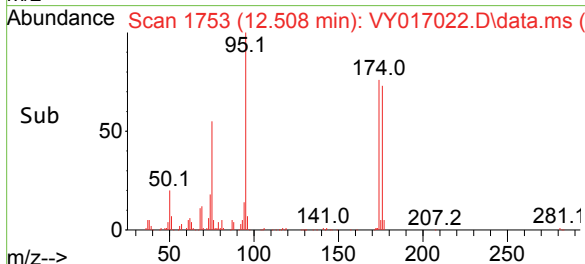
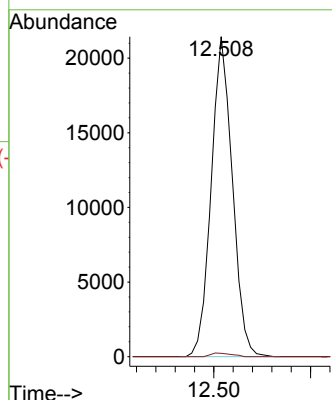
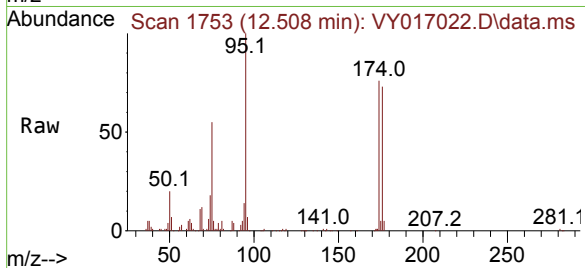
ClientSampleId :

Tgt Ion: 75 Resp: 32597

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.034 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.123 min

Lab File: VY017022.D

Acq: 17 Jan 2024 19:38

Tgt Ion: 75 Resp: 32597

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#

