

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017039.D
 Acq On : 18 Jan 2024 14:57
 Operator : SY/MD
 Sample : P1159-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

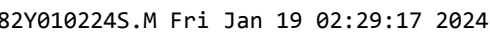
Quant Time: Jan 19 02:29:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

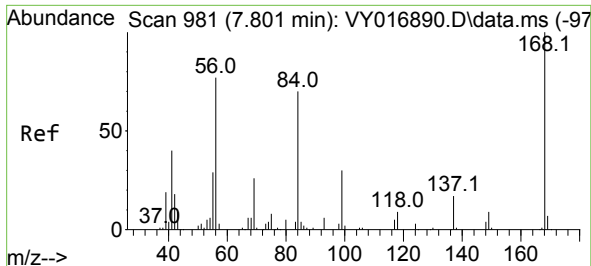
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.819	168	102164	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	220630	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	211846	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	76499	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	46422	45.974	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.940%
35) Dibromofluoromethane	7.752	113	52400	37.271	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.540%
50) Toluene-d8	10.209	98	193581	39.985	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.960%
62) 4-Bromofluorobenzene	12.508	95	59758	36.585	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.160%
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	369	Below Cal	#	41
20) Methylene Chloride	4.759	84	13056	3.366	ug/l	99
31) Cyclohexane	7.819	56	2396	1.383	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	8775	4.283	ug/l #	51
38) Carbon Tetrachloride	7.819	117	10365	4.979	ug/l #	16
76) 1,2,3-Trichloropropane	12.508	75	31530	37.981	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	31530	86.245	ug/l #	12

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

Quant Time: Jan 19 02:29:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
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Response via : Initial Calibration

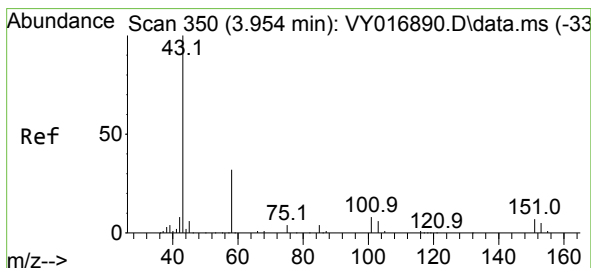
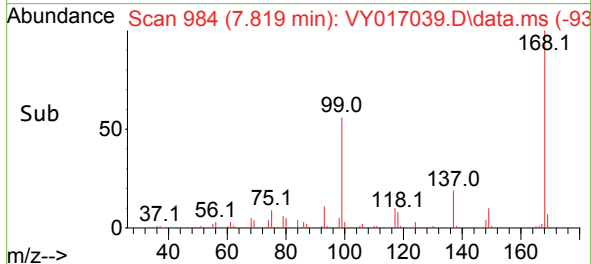
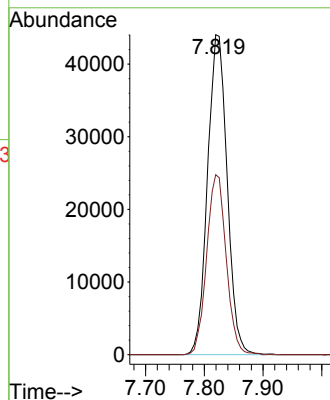
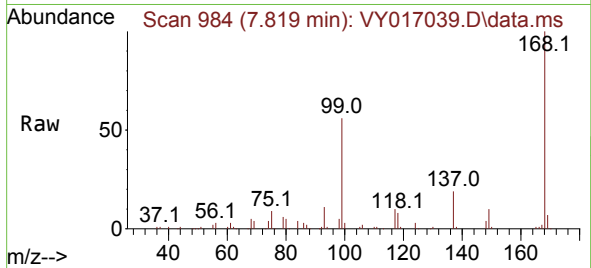




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

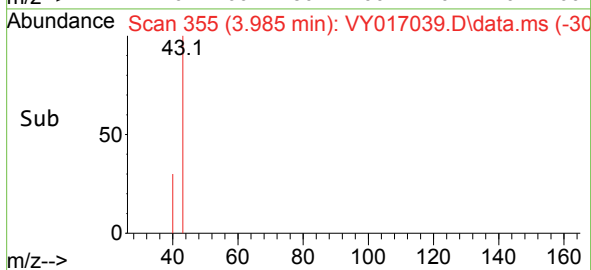
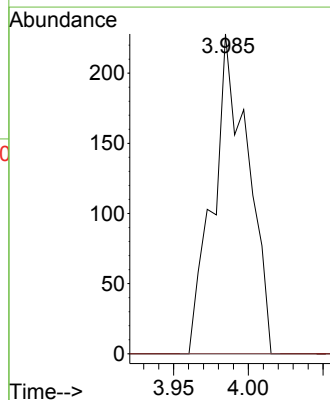
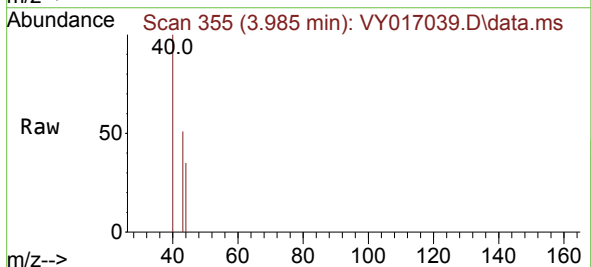
Instrument :
MSVOA_Y
ClientSampleId :

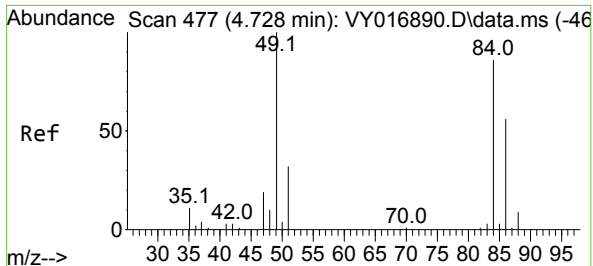
Tgt Ion:168 Resp: 102164
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





#20

Methylene Chloride

Concen: 3.366 ug/l

RT: 4.759 min Scan# 41

Delta R.T. 0.025 min

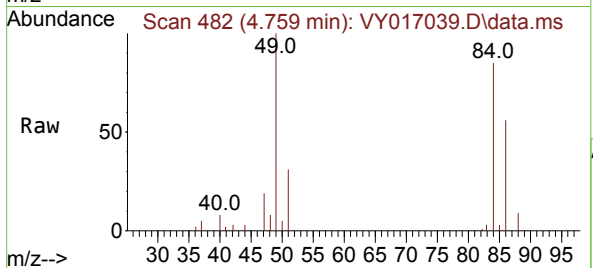
Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 13056

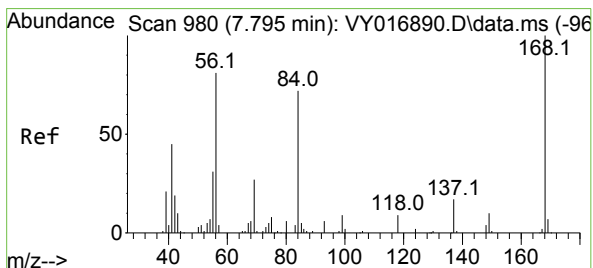
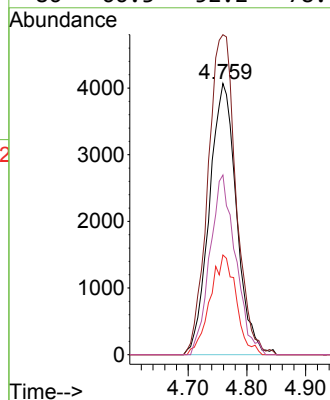
Ion Ratio Lower Upper

84 100

49 118.0 95.2 142.8

51 36.7 29.9 44.9

86 66.3 52.2 78.4



#31

Cyclohexane

Concen: 1.383 ug/l

RT: 7.819 min Scan# 984

Delta R.T. 0.018 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

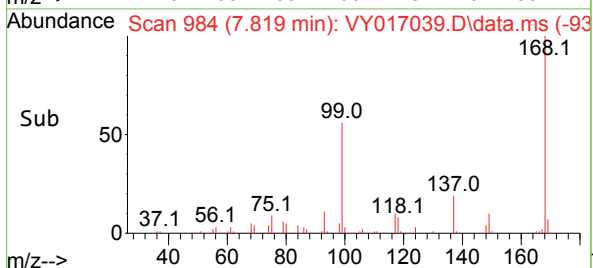
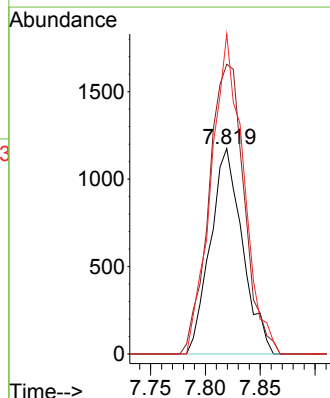
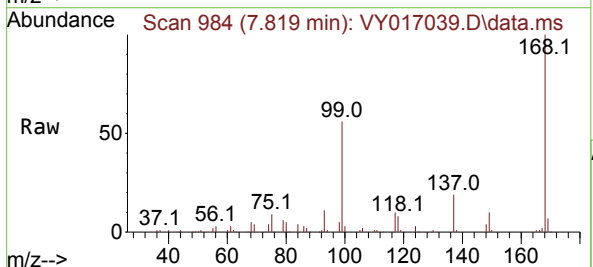
Tgt Ion: 56 Resp: 2396

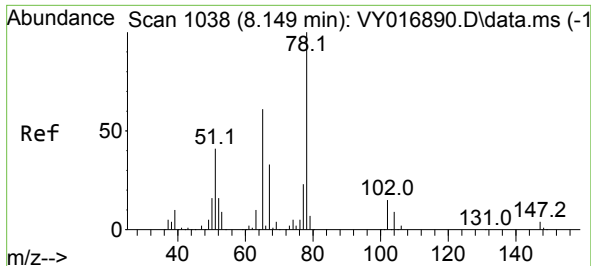
Ion Ratio Lower Upper

56 100

69 141.0 27.0 40.6#

84 155.7 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 45.974 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

Instrument :

MSVOA_Y

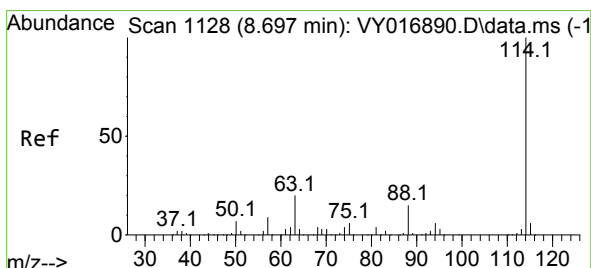
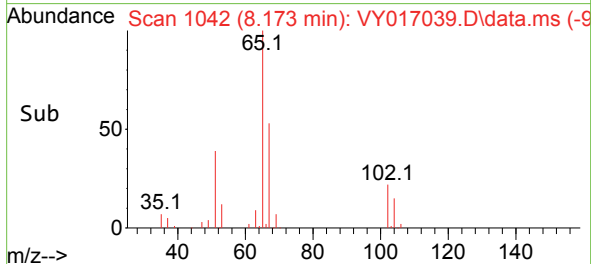
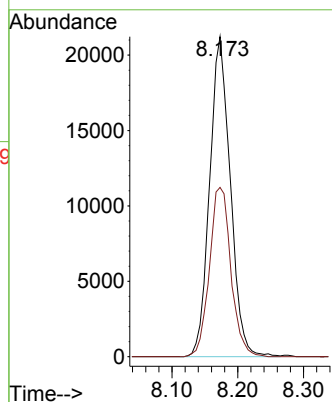
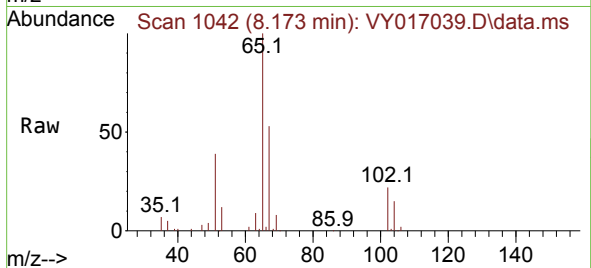
ClientSampleId :

Tgt Ion: 65 Resp: 46422

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

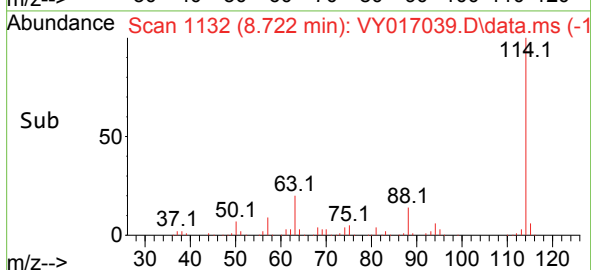
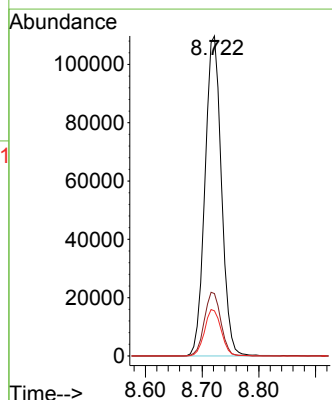
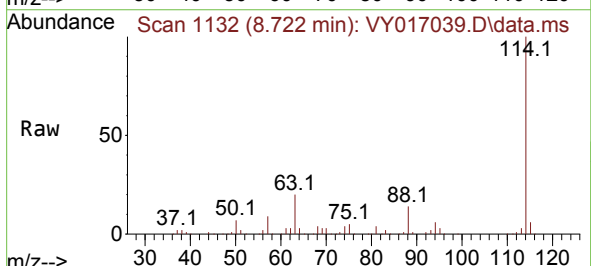
Tgt Ion: 114 Resp: 220630

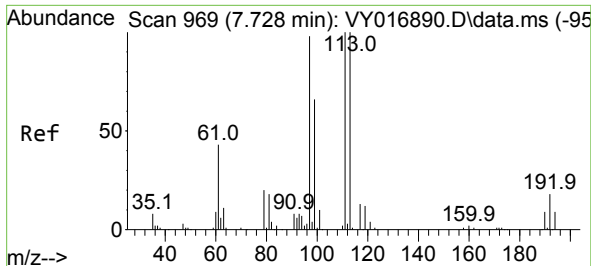
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.1 0.0 29.0

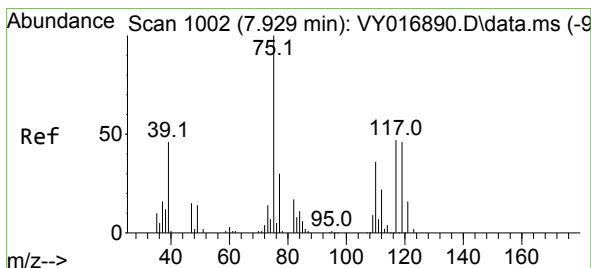
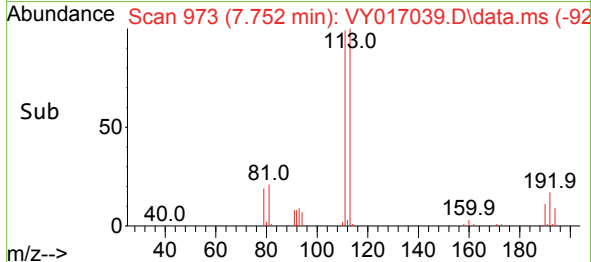
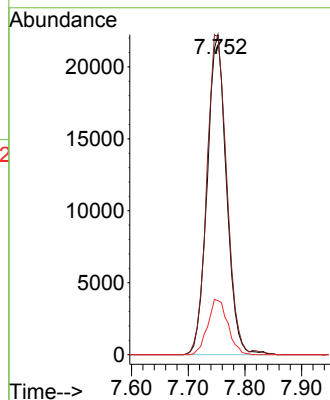
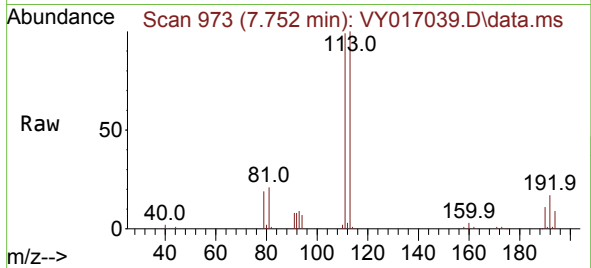




#35
Dibromofluoromethane
Concen: 37.271 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

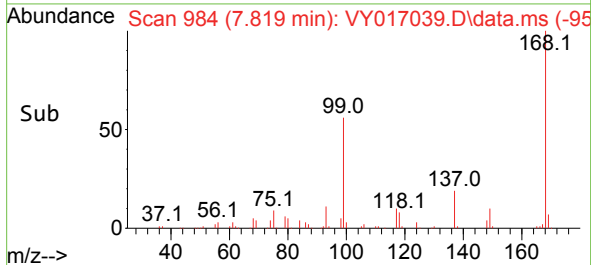
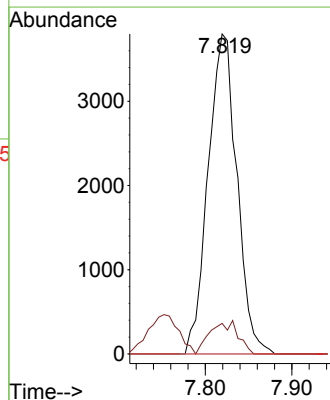
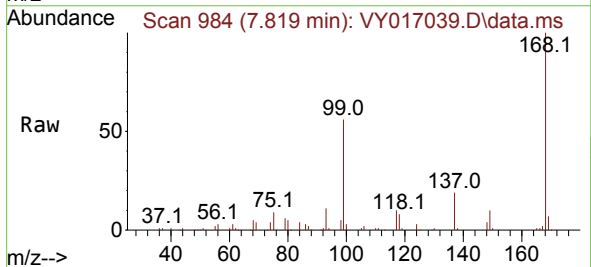
Instrument :
MSVOA_Y
ClientSampleId :

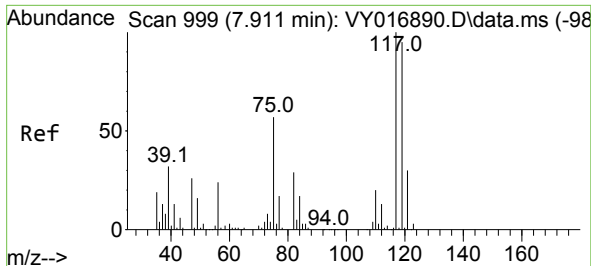
Tgt Ion:113 Resp: 52400
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.283 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

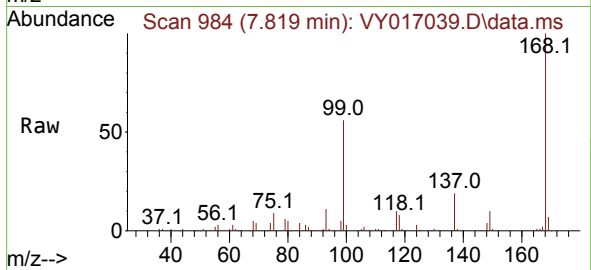
Tgt Ion: 75 Resp: 8775
Ion Ratio Lower Upper
75 100
110 9.9 17.4 52.3#
77 0.0 24.7 37.1#



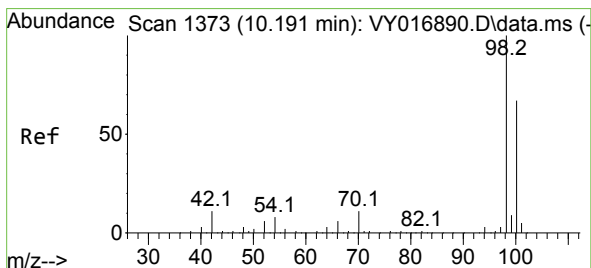
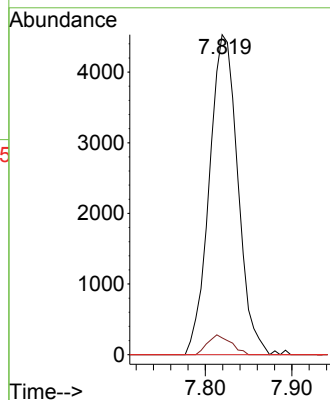
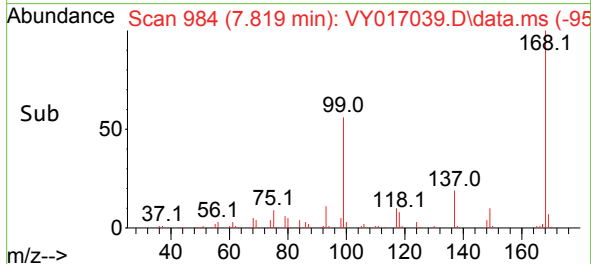


#38
Carbon Tetrachloride
Concen: 4.979 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :

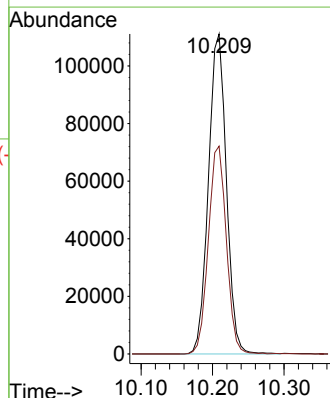
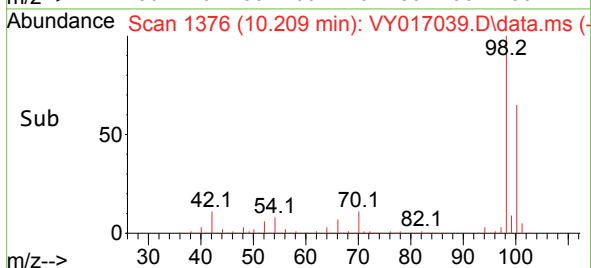
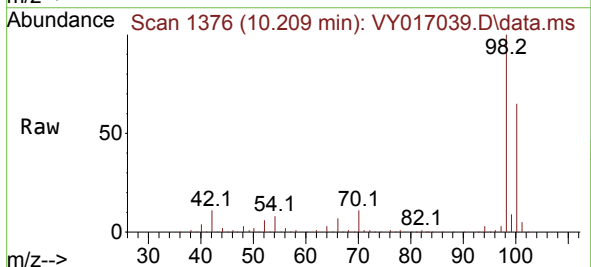


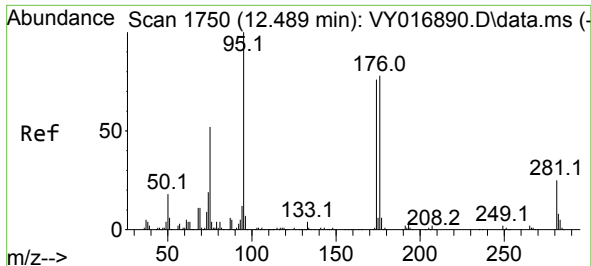
Tgt Ion:117 Resp: 10365
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.985 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

Tgt Ion: 98 Resp: 193581
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

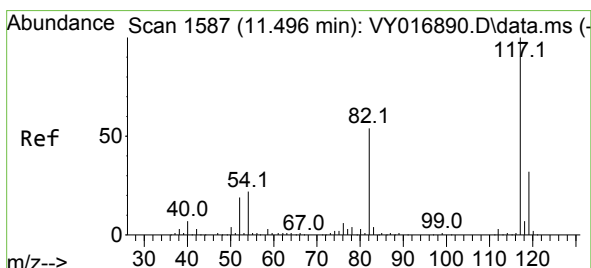
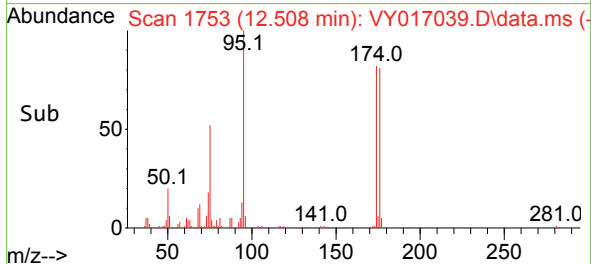
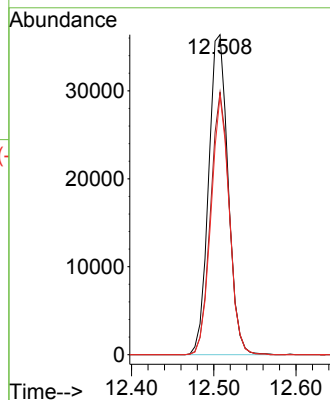
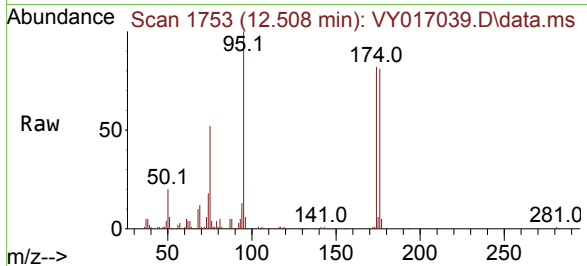




#62
4-Bromofluorobenzene
Concen: 36.585 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

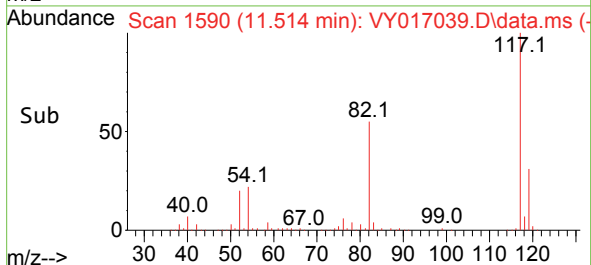
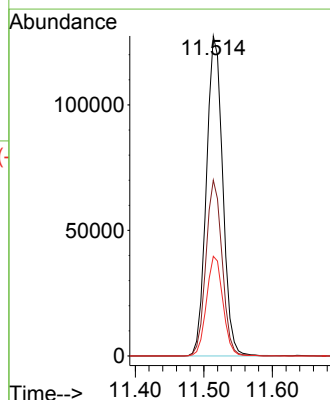
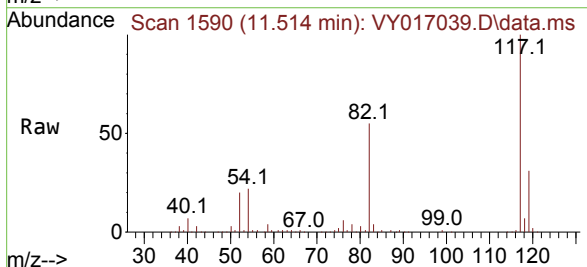
Instrument :
MSVOA_Y
ClientSampleId :

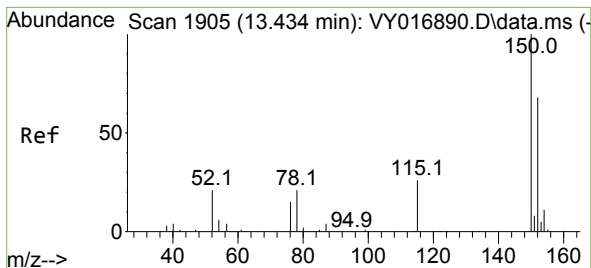
Tgt Ion: 95 Resp: 59758
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 76.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

Tgt Ion: 117 Resp: 211846
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1905

Delta R.T. 0.019 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :

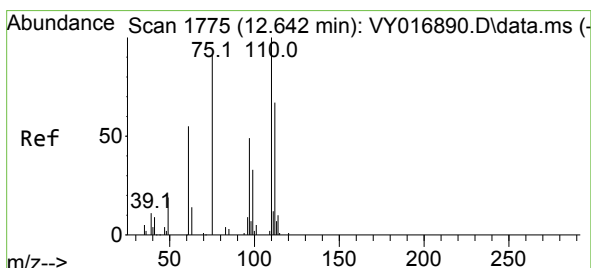
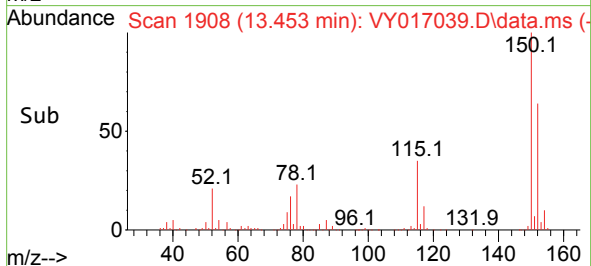
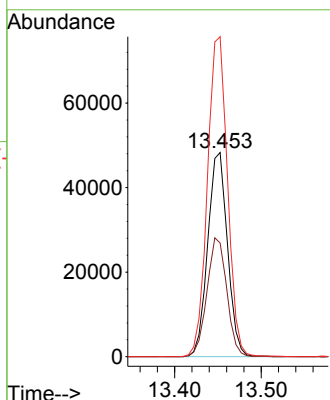
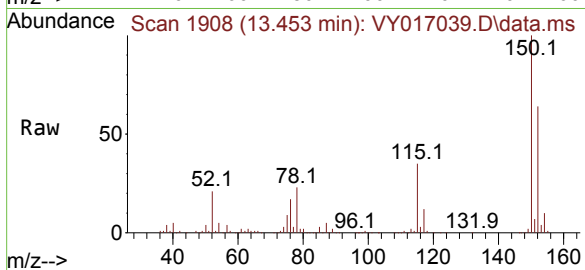
Tgt Ion:152 Resp: 76499

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 159.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.981 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017039.D

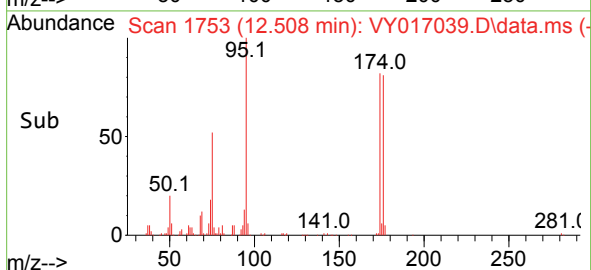
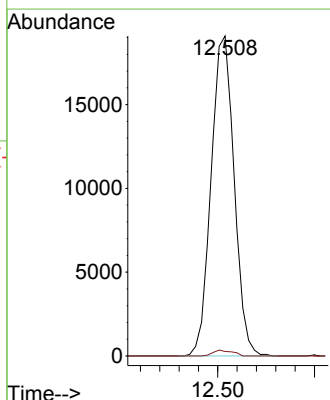
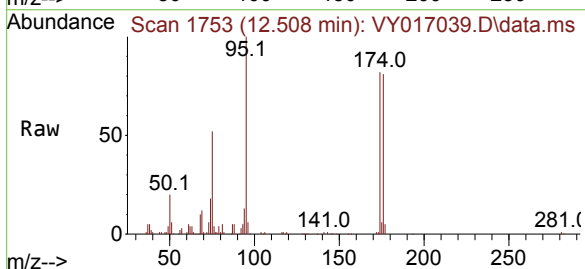
Acq: 18 Jan 2024 14:57

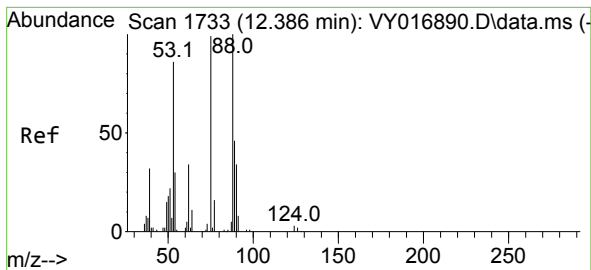
Tgt Ion: 75 Resp: 31530

Ion Ratio Lower Upper

75 100

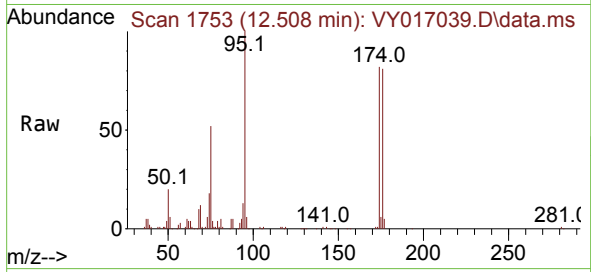
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.245 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.123 min
 Lab File: VY017039.D
 Acq: 18 Jan 2024 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.1	36.5	54.7#

