

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016901.D
 Acq On : 02 Jan 2024 17:54
 Operator : SY/MD
 Sample : P1004-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

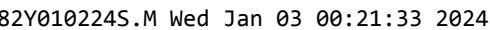
Quant Time: Jan 03 00:21:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

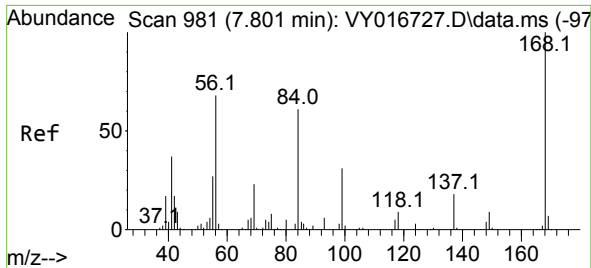
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	115638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	243974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	88748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57466	50.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.560%	
35) Dibromofluoromethane	7.734	113	62250	40.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.080%	
50) Toluene-d8	10.191	98	228137	42.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.220%	
62) 4-Bromofluorobenzene	12.495	95	72390	40.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	165	Below Cal	#	75
16) Acetone	3.960	43	3374	Below Cal	#	84
20) Methylene Chloride	4.741	84	12462	1.637	ug/l	94
25) 2-Butanone	7.009	43	568	Below Cal		90
31) Cyclohexane	7.801	56	2568	1.309	ug/l #	6
36) 1,1-Dichloropropene	7.807	75	9934	4.384	ug/l #	49
38) Carbon Tetrachloride	7.807	117	11862	5.153	ug/l #	15
76) 1,2,3-Trichloropropane	12.495	75	38548	40.026	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	38548	90.889	ug/l #	12

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

Quant Time: Jan 03 00:21:21 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

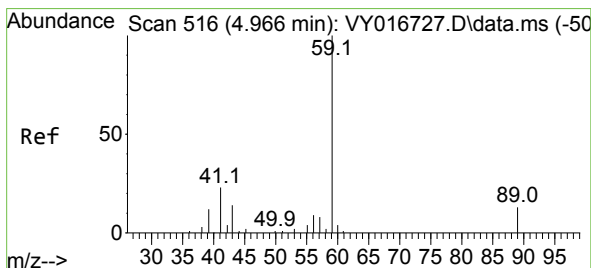
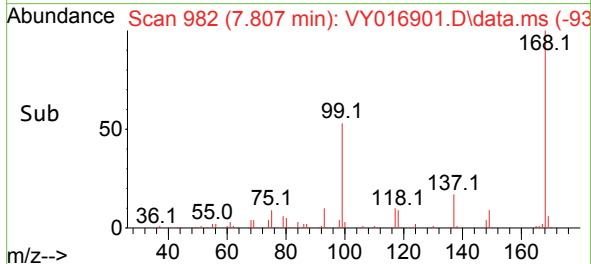
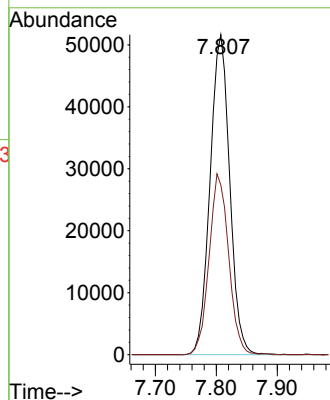
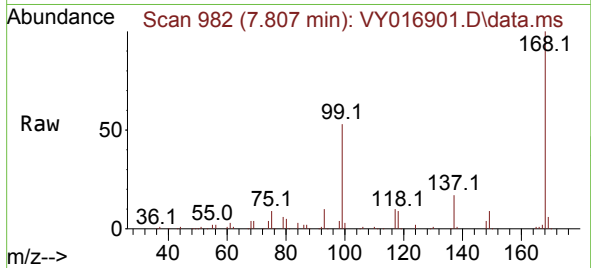




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

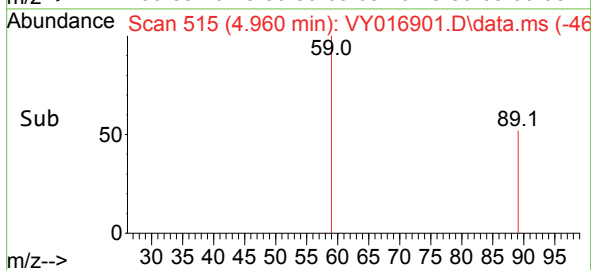
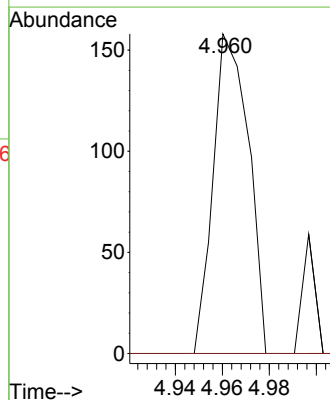
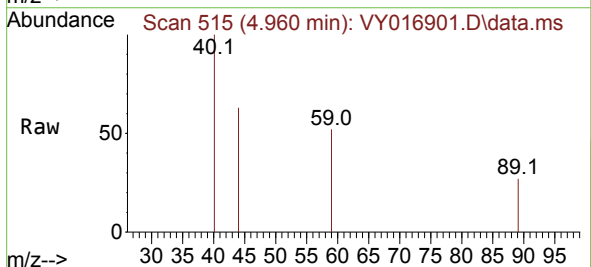
Instrument :
MSVOA_Y
ClientSampleId :

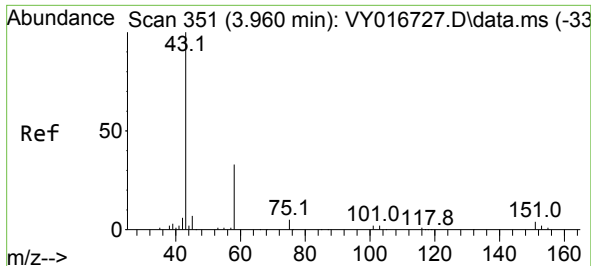
Tgt Ion:168 Resp: 115638
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

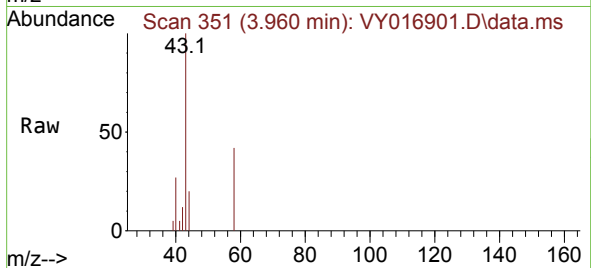
Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



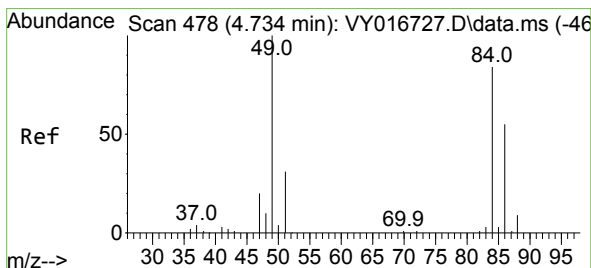
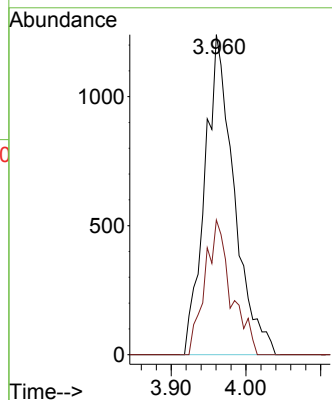
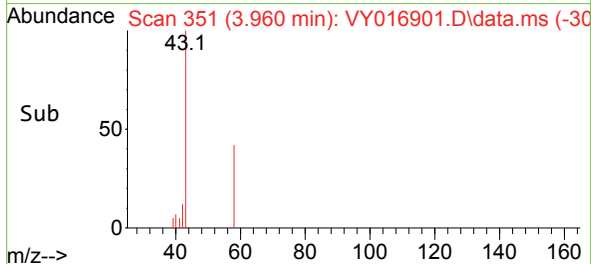


#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

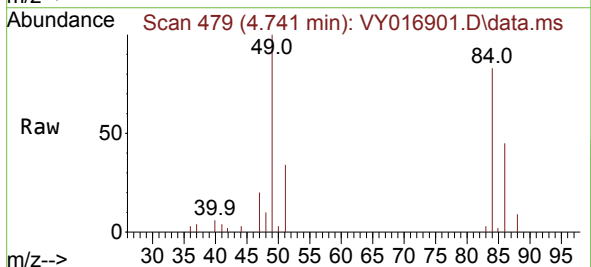
Instrument :
MSVOA_Y
ClientSampleId :



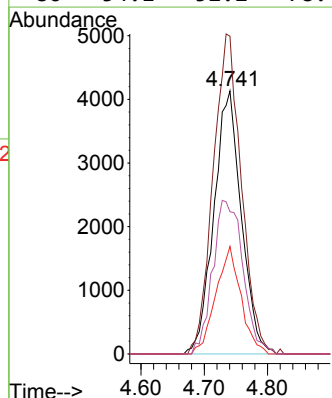
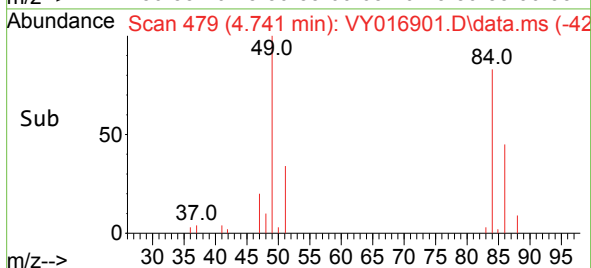
Tgt Ion: 43 Resp: 3374
Ion Ratio Lower Upper
43 100
58 42.1 26.6 39.8#

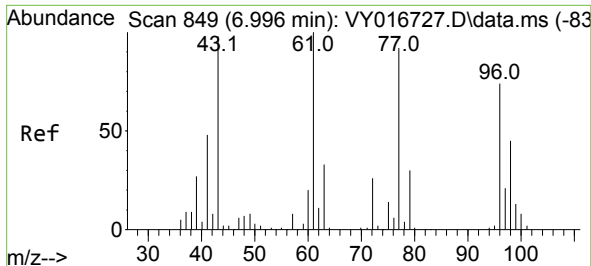


#20
Methylene Chloride
Concen: 1.637 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54



Tgt Ion: 84 Resp: 12462
Ion Ratio Lower Upper
84 100
49 120.9 95.2 142.8
51 40.9 29.9 44.9
86 54.1 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.009 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY016901.D

Acq: 02 Jan 2024 17:54

Instrument :

MSVOA_Y

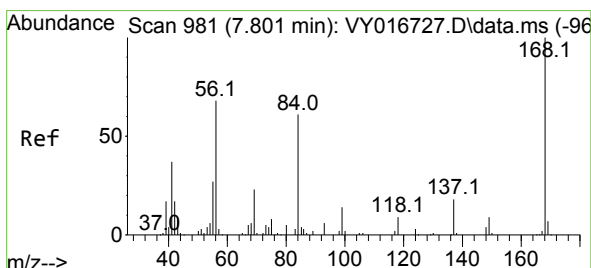
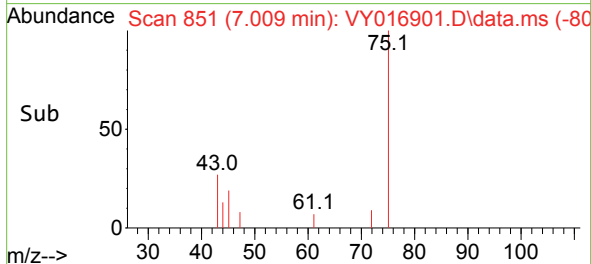
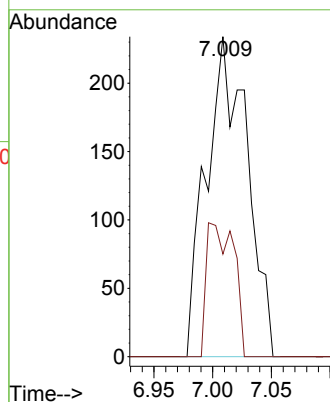
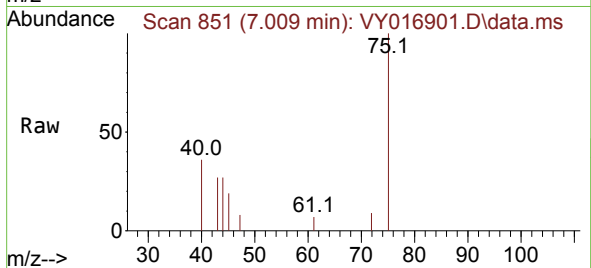
ClientSampleId :

Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

72 32.1 21.4 32.2



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016901.D

Acq: 02 Jan 2024 17:54

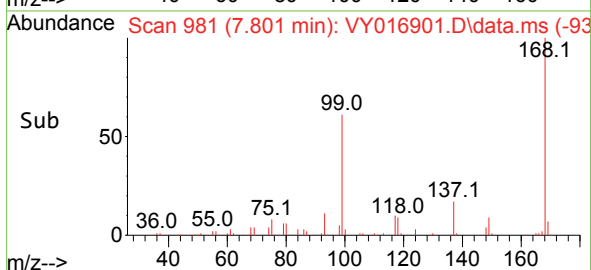
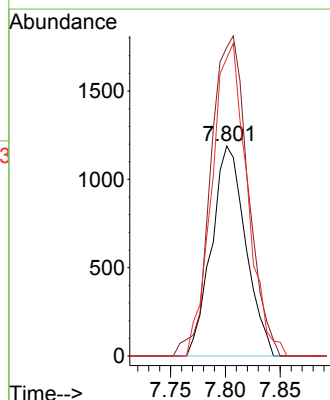
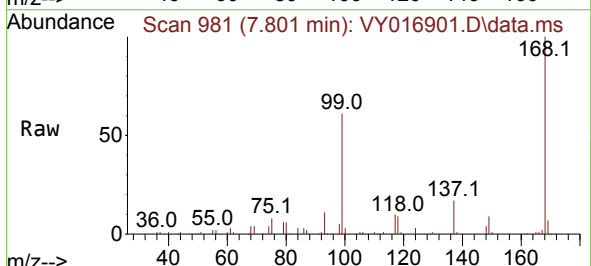
Tgt Ion: 56 Resp: 2568

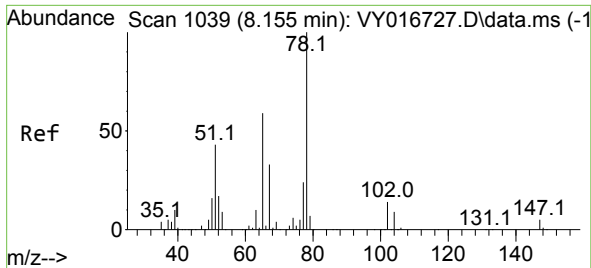
Ion Ratio Lower Upper

56 100

69 147.0 27.0 40.6#

84 141.8 71.8 107.6#

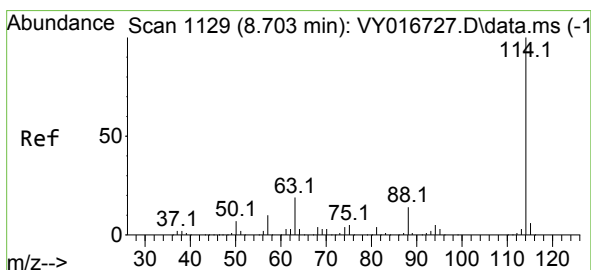
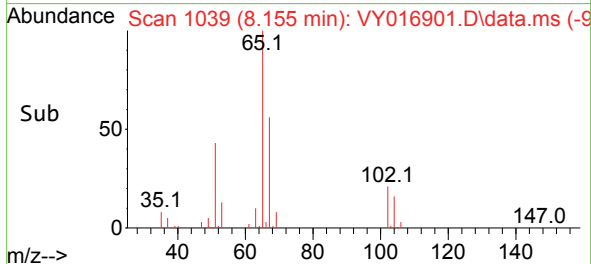
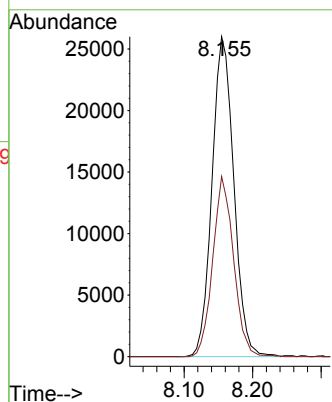
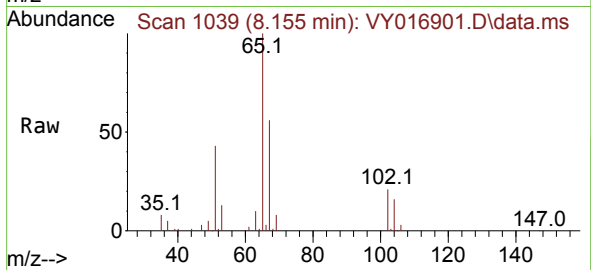




#33
 1,2-Dichloroethane-d4
 Concen: 50.280 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016901.D
 Acq: 02 Jan 2024 17:54

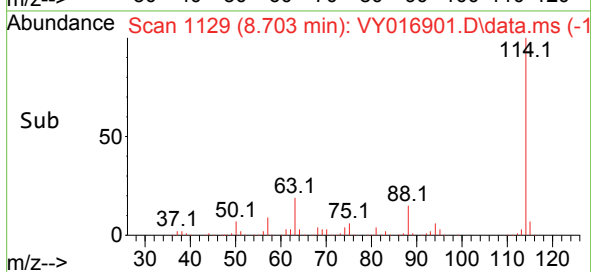
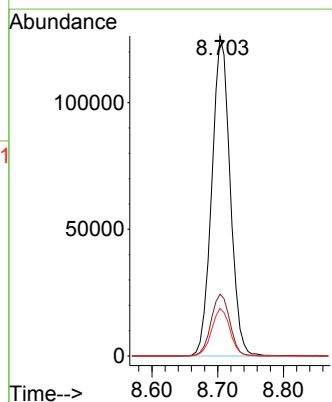
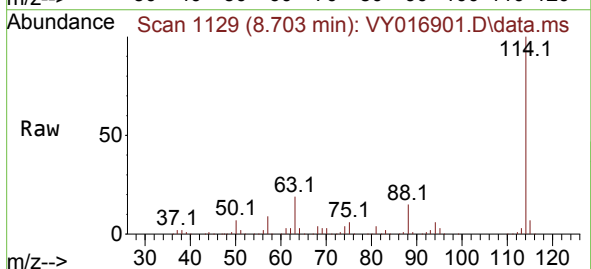
Instrument :
 MSVOA_Y
 ClientSampleId :

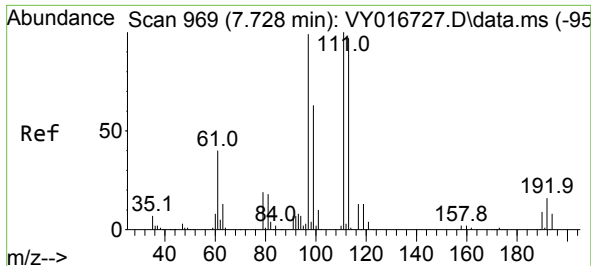
Tgt Ion: 65 Resp: 57466
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016901.D
 Acq: 02 Jan 2024 17:54

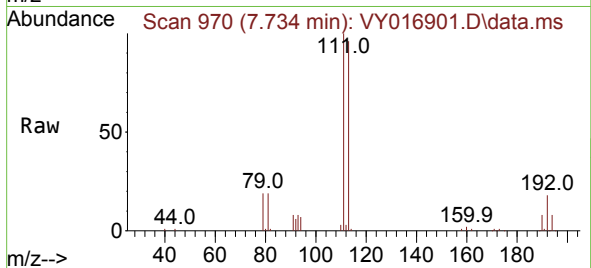
Tgt Ion: 114 Resp: 243974
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 14.9 0.0 29.0



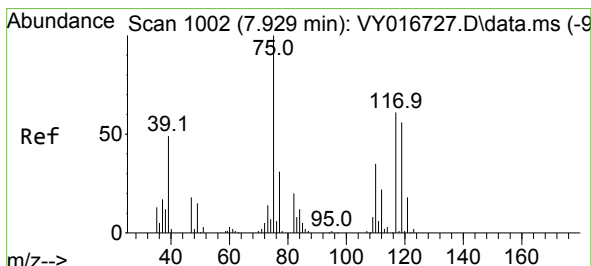
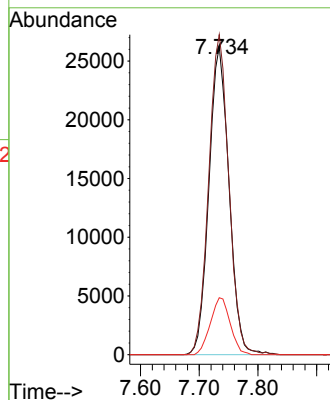
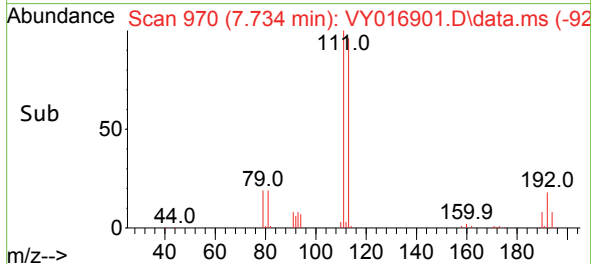


#35
Dibromofluoromethane
Concen: 40.040 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

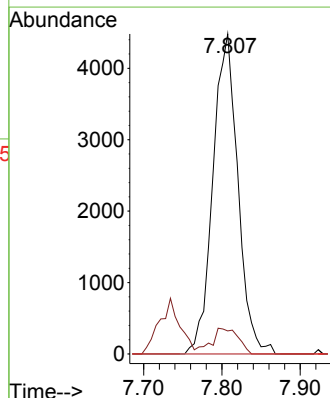
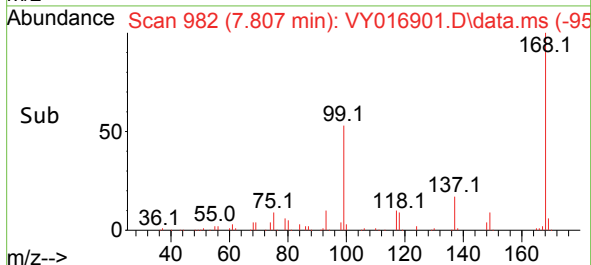
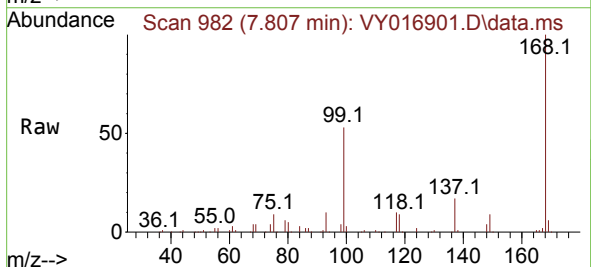


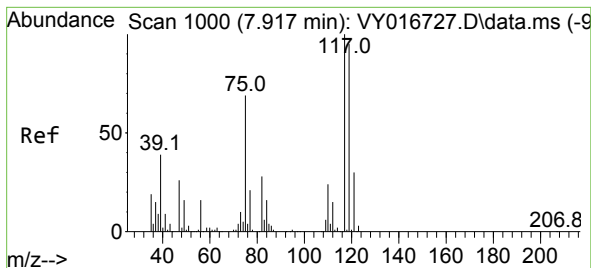
Tgt Ion:113 Resp: 62250
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

Tgt Ion: 75 Resp: 9934
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.153 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.110 min

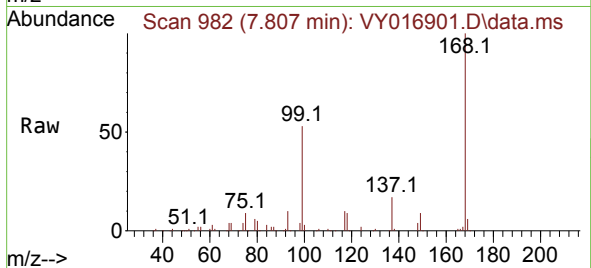
Lab File: VY016901.D

Acq: 02 Jan 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :



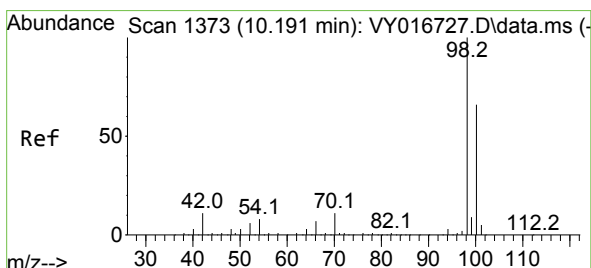
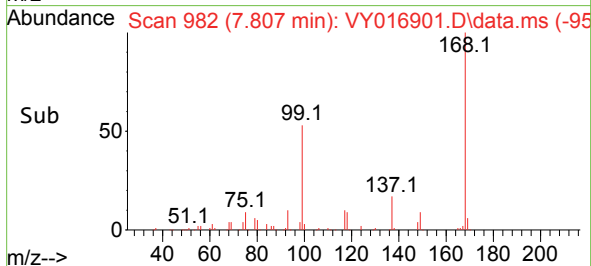
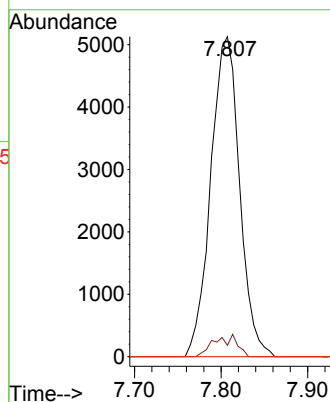
Tgt Ion:117 Resp: 11862

Ion Ratio Lower Upper

117 100

119 3.5 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 42.614 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016901.D

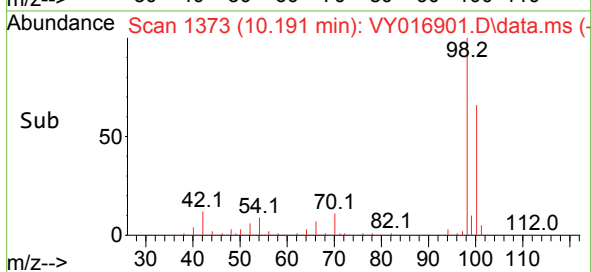
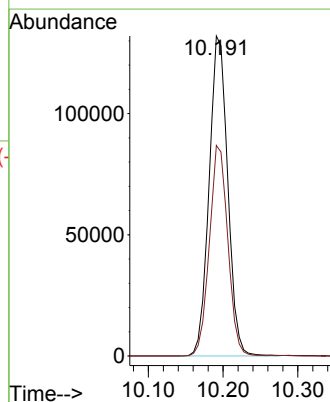
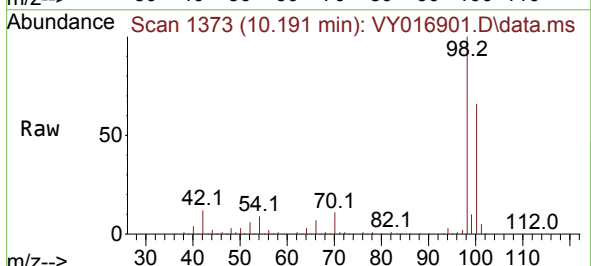
Acq: 02 Jan 2024 17:54

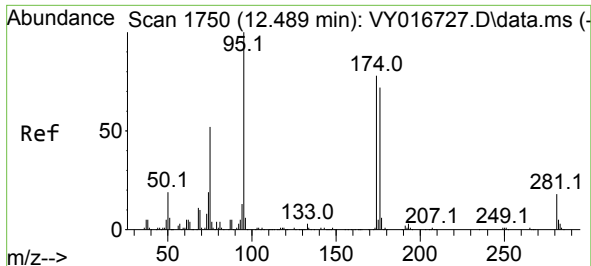
Tgt Ion: 98 Resp: 228137

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

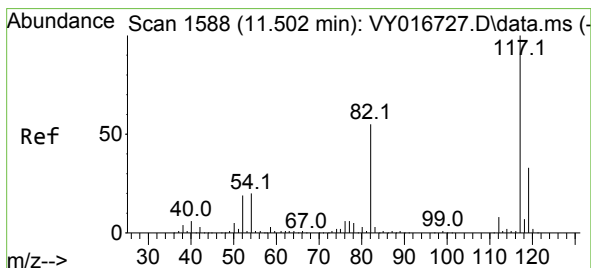
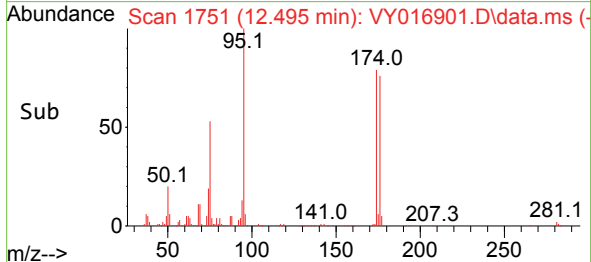
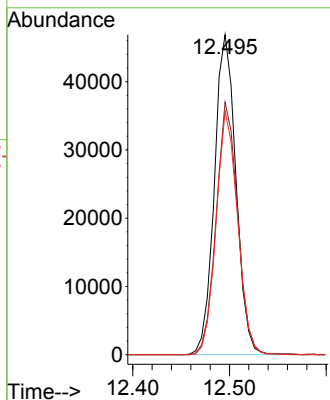
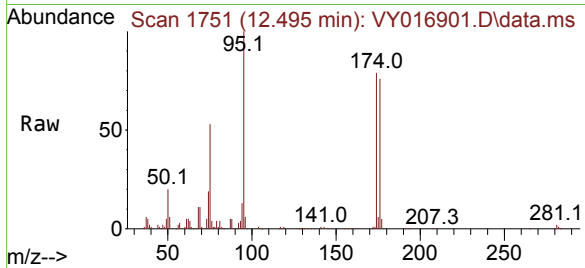




#62
4-Bromofluorobenzene
Concen: 40.078 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

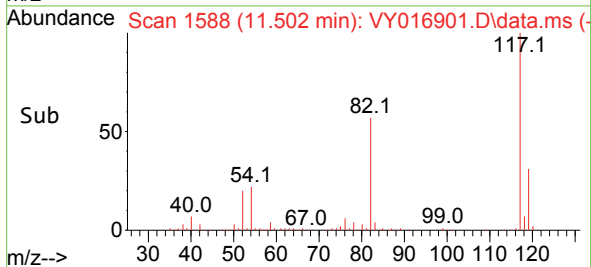
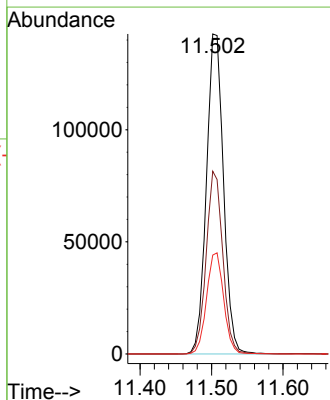
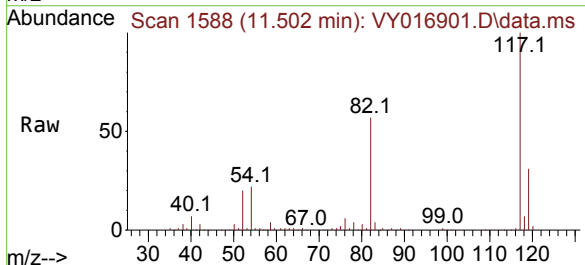
Instrument :
MSVOA_Y
ClientSampleId :

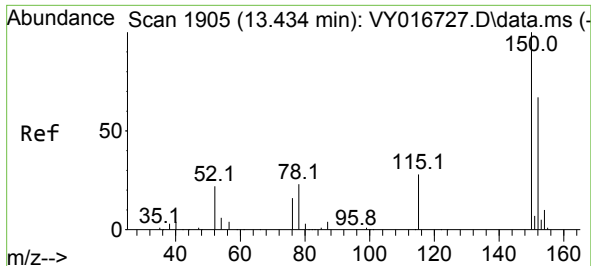
Tgt Ion: 95 Resp: 72390
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 75.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

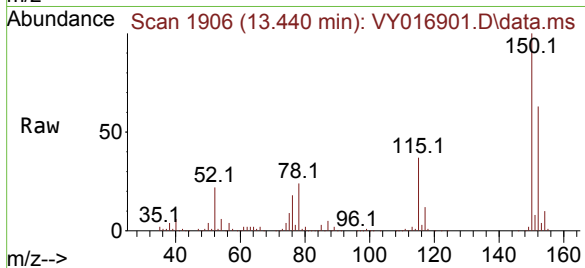
Tgt Ion: 117 Resp: 236269
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 30.9 26.5 39.7



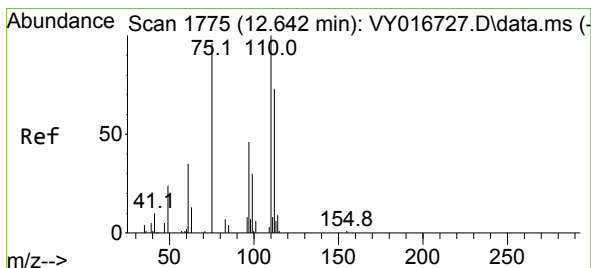
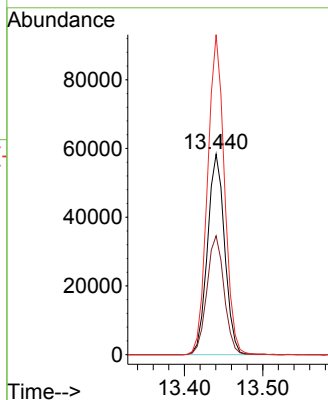
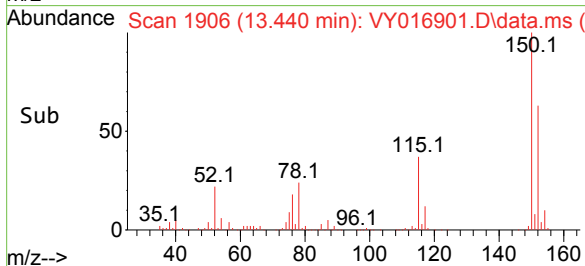


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016901.D
 Acq: 02 Jan 2024 17:54

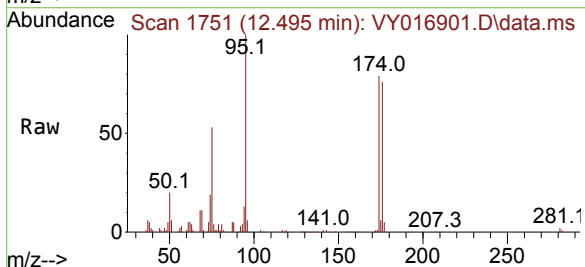
Instrument :
 MSVOA_Y
 ClientSampleId :



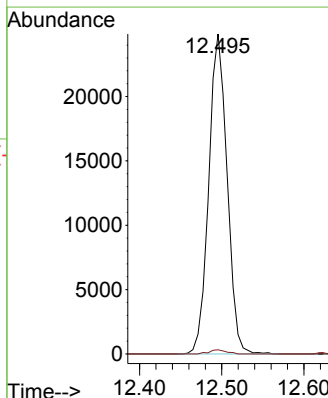
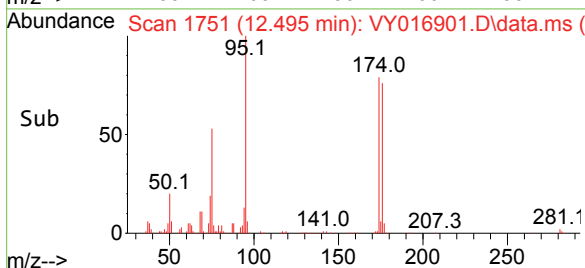
Tgt Ion:152 Resp: 88748
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.0 90.0
 150 157.0 0.0 344.6

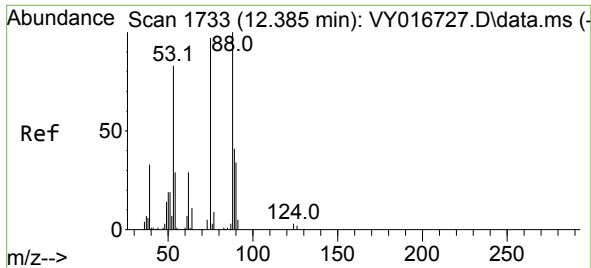


#76
 1,2,3-Trichloropropane
 Concen: 40.026 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.147 min
 Lab File: VY016901.D
 Acq: 02 Jan 2024 17:54



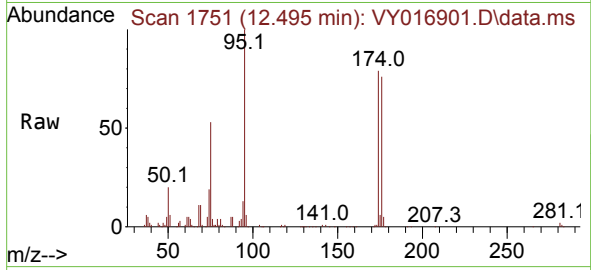
Tgt Ion: 75 Resp: 38548
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.889 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016901.D
 Acq: 02 Jan 2024 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 38548
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

