

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016911.D
 Acq On : 03 Jan 2024 15:46
 Operator : SY/MD
 Sample : P1006-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

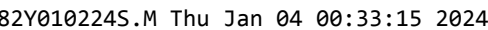
Quant Time: Jan 04 00:33:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

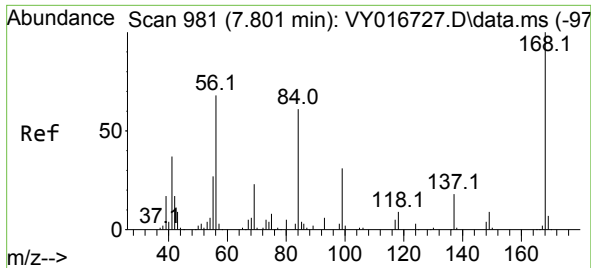
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.813	168	109813	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	234511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	221220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52375	48.256	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.520%		
35) Dibromofluoromethane	7.740	113	59232	39.636	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.280%		
50) Toluene-d8	10.197	98	215936	41.962	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.920%		
62) 4-Bromofluorobenzene	12.495	95	65120	37.508	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	75.020%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	41	Below Cal	#	40
16) Acetone	3.979	43	1209	Below Cal		95
20) Methylene Chloride	4.753	84	15383	4.430	ug/l	96
25) 2-Butanone	7.009	43	25	Below Cal	#	48
31) Cyclohexane	7.813	56	2448	1.314	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	9657	4.434	ug/l #	49
38) Carbon Tetrachloride	7.813	117	11503	5.199	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	34625	39.346	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	34625	89.346	ug/l #	12

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

Quant Time: Jan 04 00:33:03 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

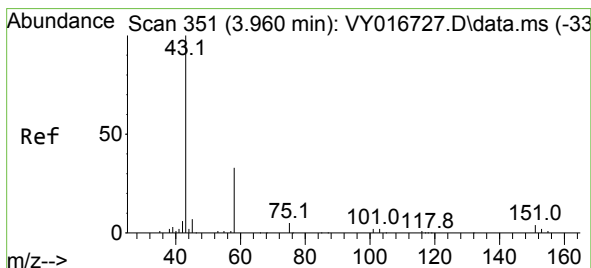
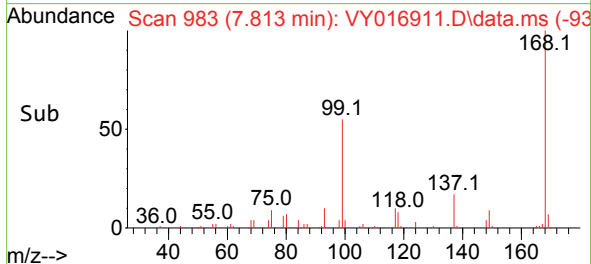
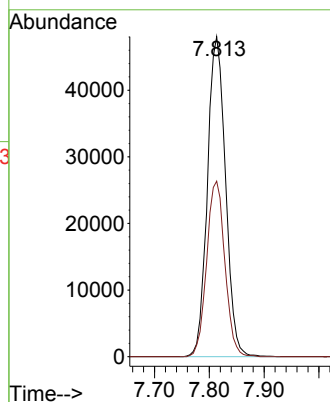
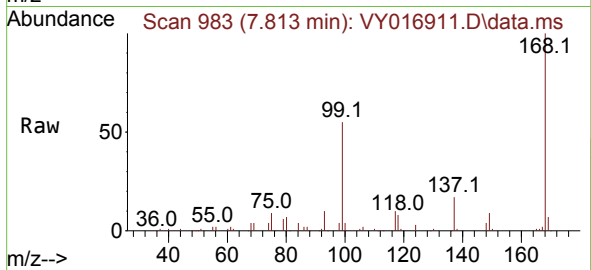




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

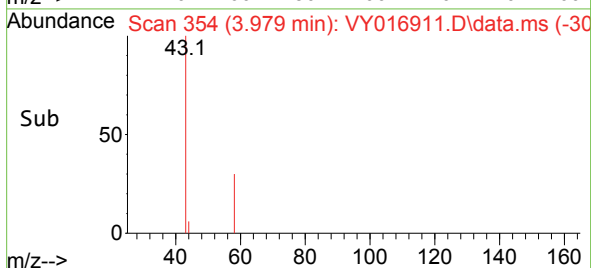
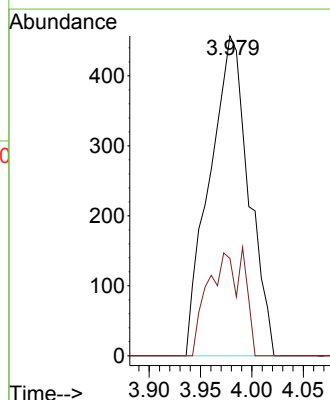
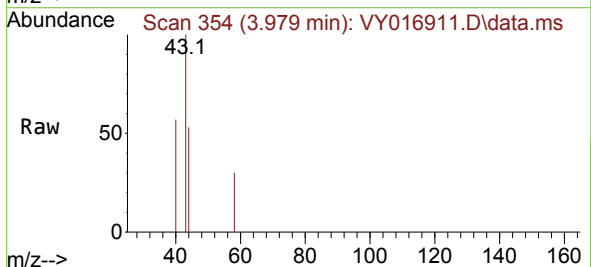
Instrument :
MSVOA_Y
ClientSampleId :

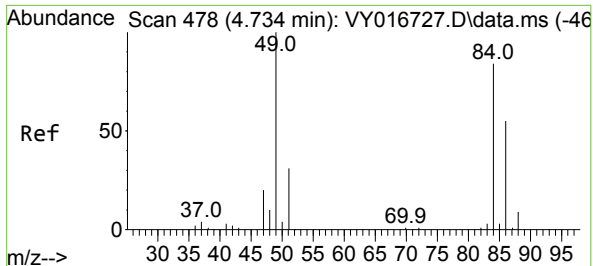
Tgt Ion:168 Resp: 109813
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

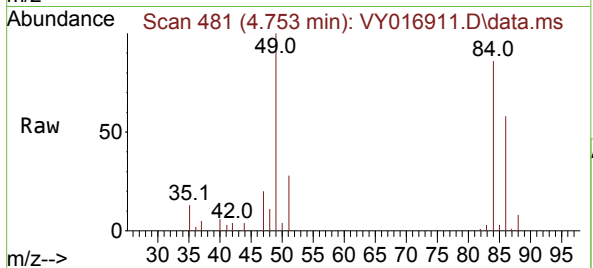
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
58 30.4 26.6 39.8



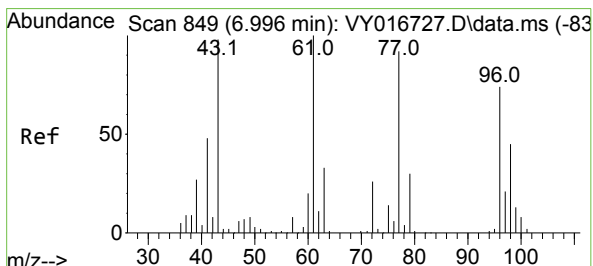
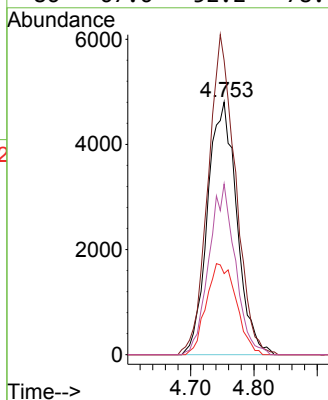
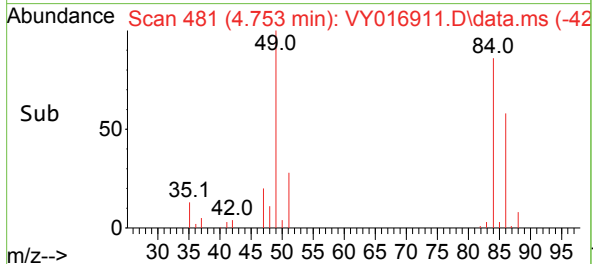


#20
Methylene Chloride
Concen: 4.430 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

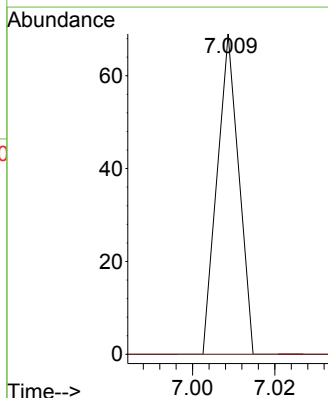
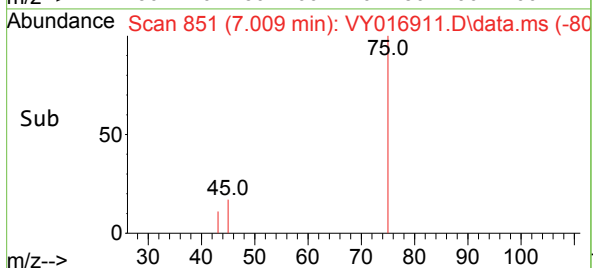
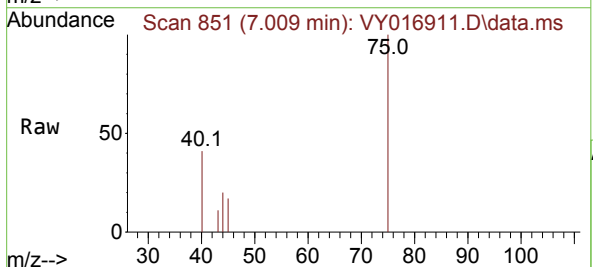


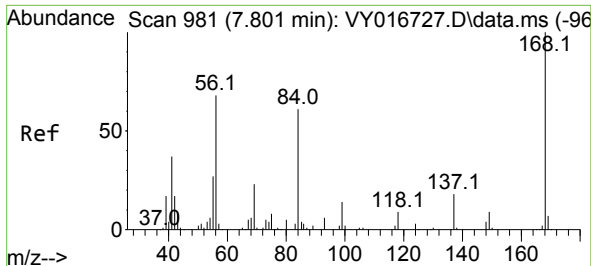
Tgt Ion: 84	Resp: 15383
Ion Ratio	Lower Upper
84 100	
49 116.4	95.2 142.8
51 32.1	29.9 44.9
86 67.6	52.2 78.4



#25
2-Butanone
Concen: Below Cal
RT: 7.009 min Scan# 851
Delta R.T. 0.013 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

Tgt Ion: 43	Resp: 25
Ion Ratio	Lower Upper
43 100	
72 0.0	21.4 32.2#

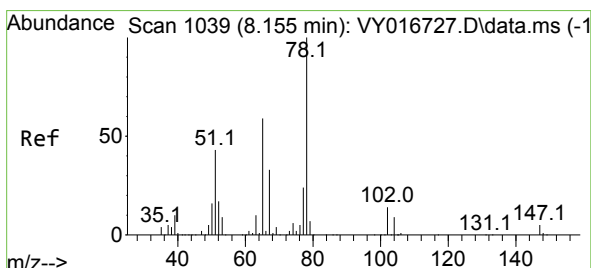
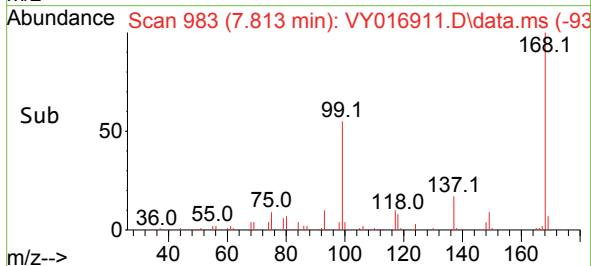
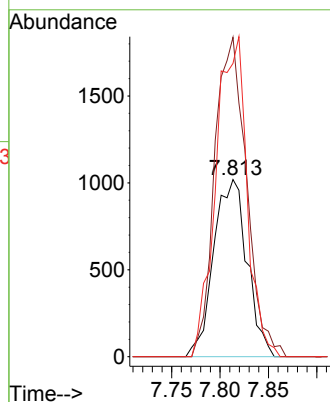
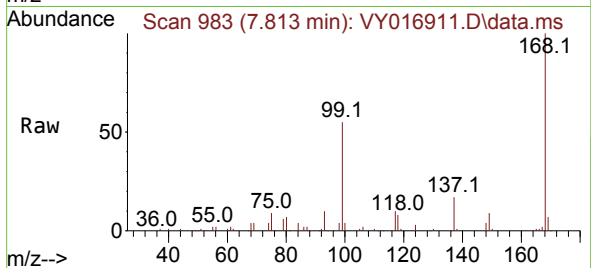




#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

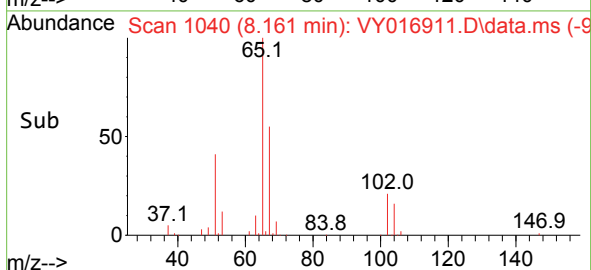
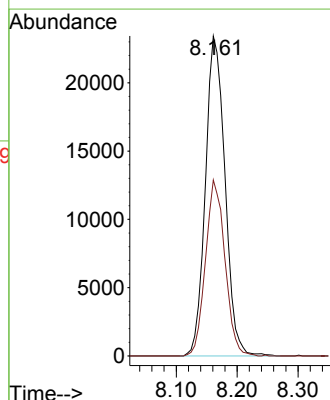
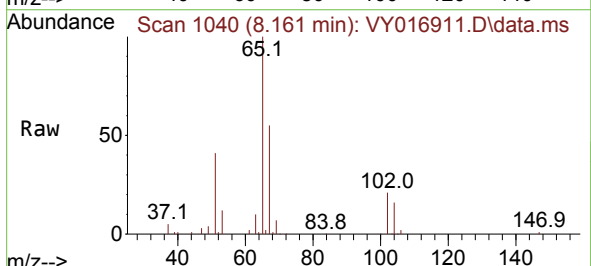
Instrument :
MSVOA_Y
ClientSampleId :

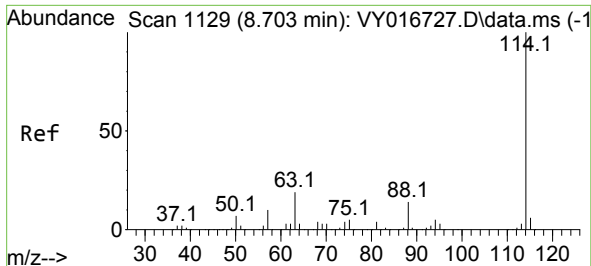
Tgt Ion: 56 Resp: 2448
Ion Ratio Lower Upper
56 100
69 180.3 27.0 40.6#
84 165.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 48.256 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

Tgt Ion: 65 Resp: 52375
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

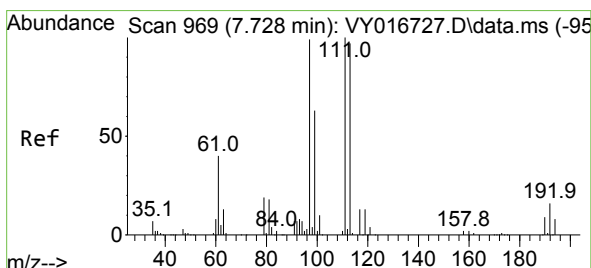
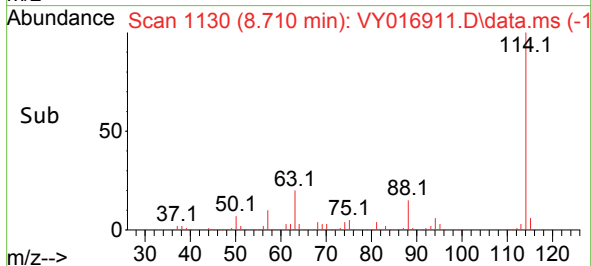
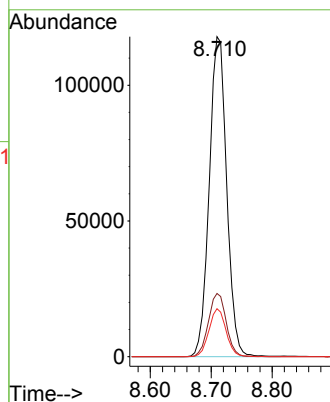
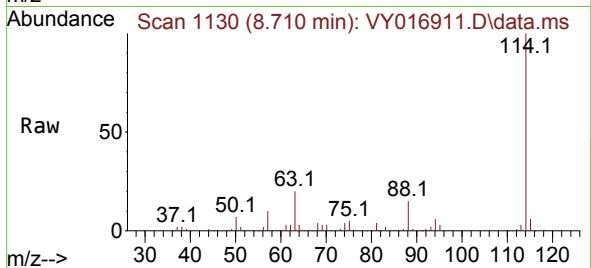
Tgt Ion:114 Resp: 234511

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.636 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

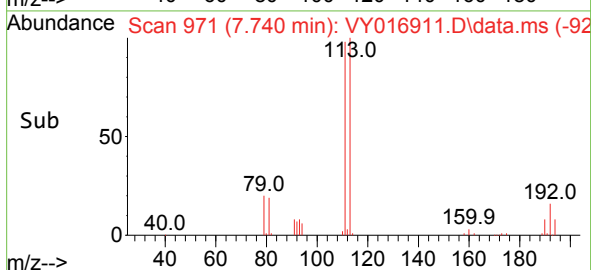
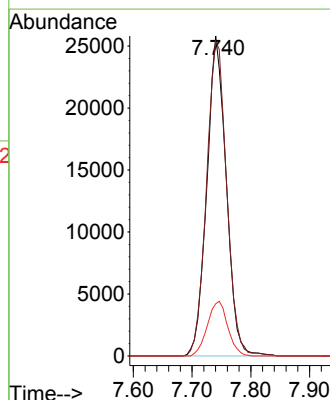
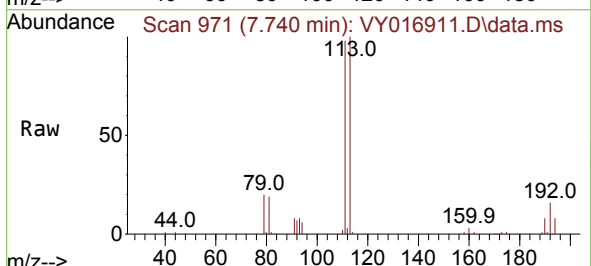
Tgt Ion:113 Resp: 59232

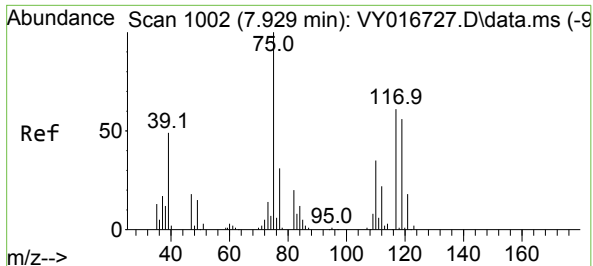
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.434 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.116 min

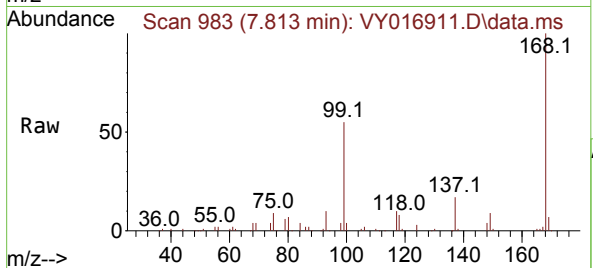
Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

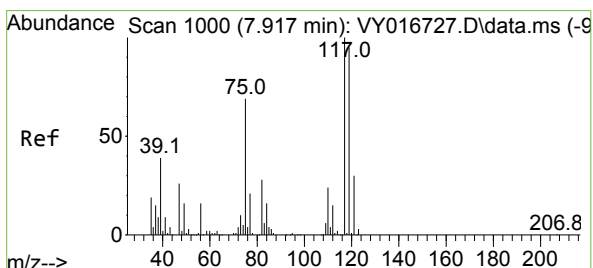
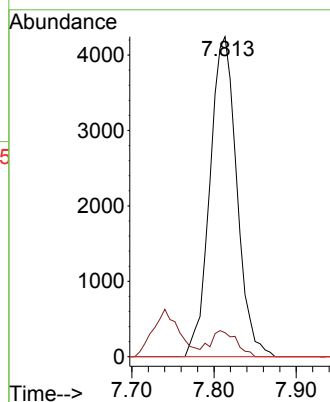
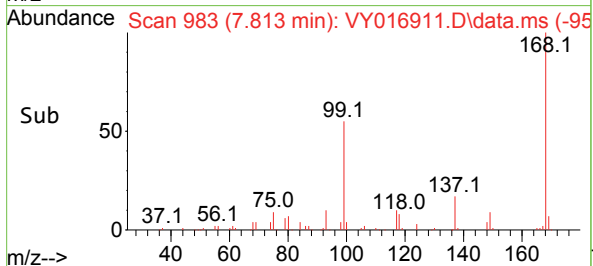
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9657
Ion Ratio	Lower Upper
75	100
110	7.8 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.199 ug/l

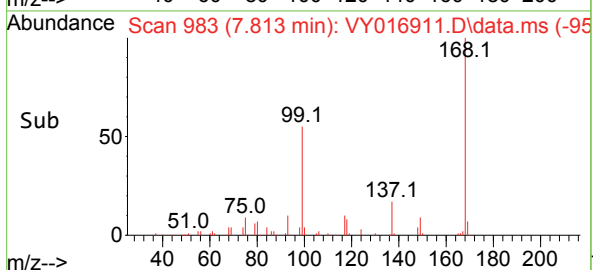
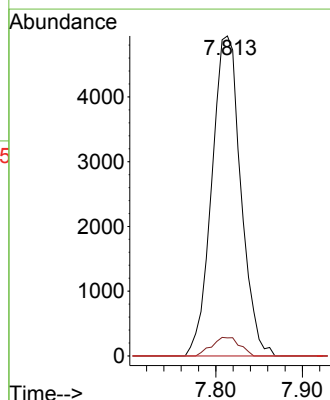
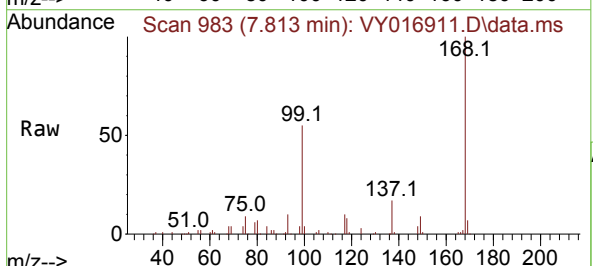
RT: 7.813 min Scan# 983

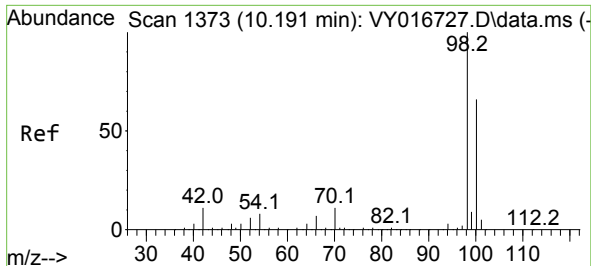
Delta R.T. -0.104 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

Tgt Ion: 117	Resp: 11503
Ion Ratio	Lower Upper
117	100
119	5.6 76.0 114.0#
121	0.0 24.2 36.2#

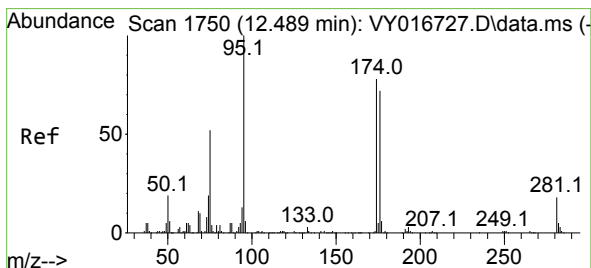
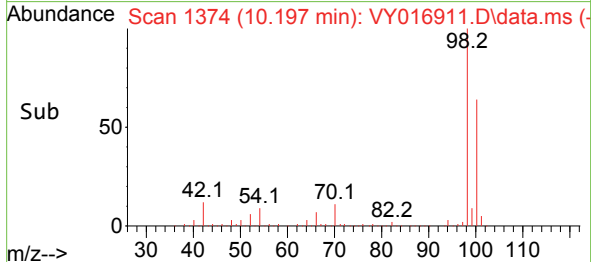
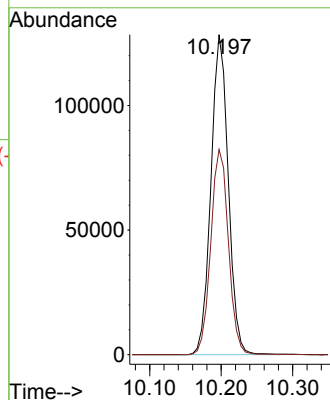
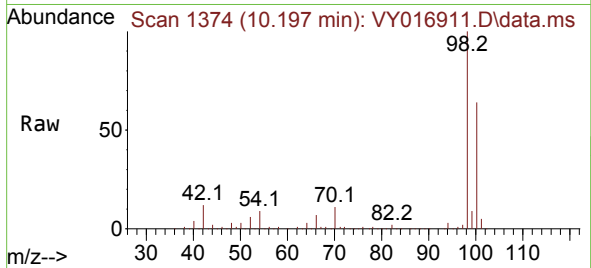




#50
Toluene-d8
Concen: 41.962 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

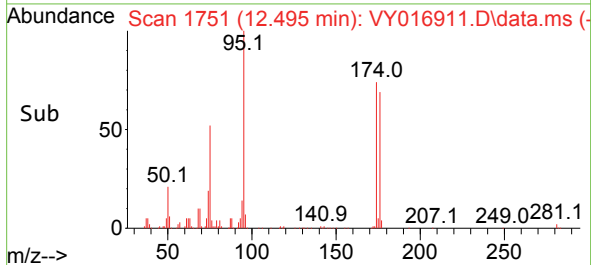
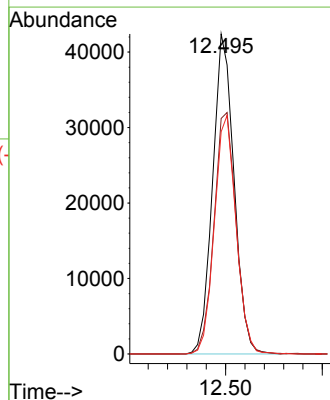
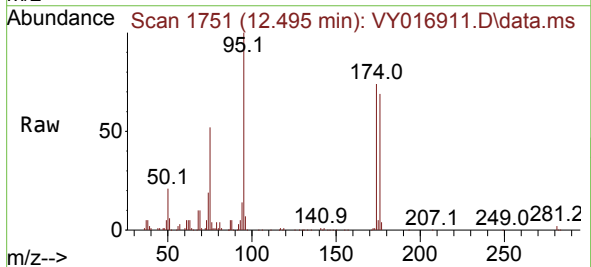
Instrument :
MSVOA_Y
ClientSampleId :

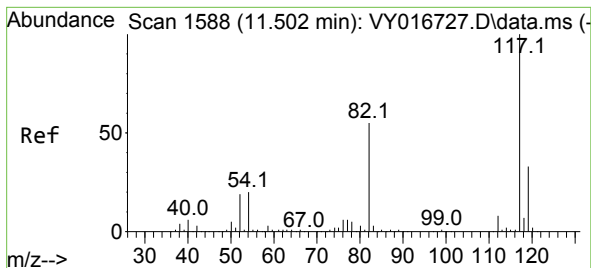
Tgt Ion: 98 Resp: 215936
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.508 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

Tgt Ion: 95 Resp: 65120
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.0
176 75.5 0.0 151.8

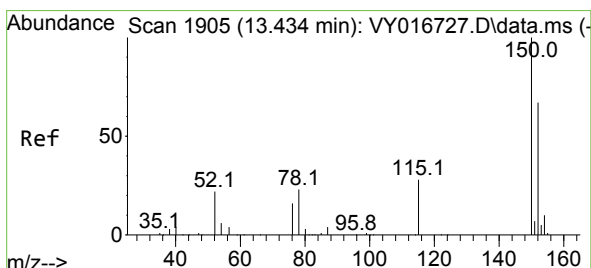
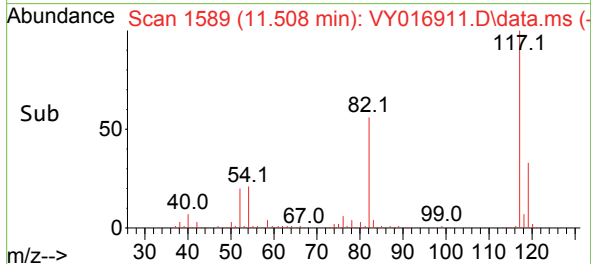
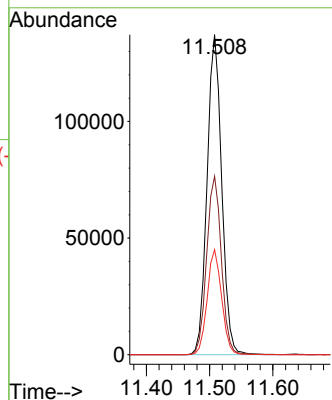
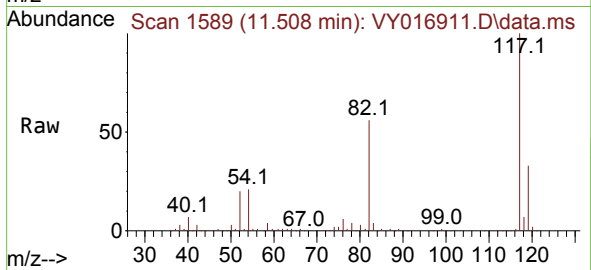




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

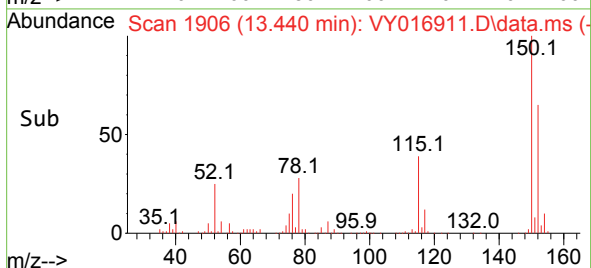
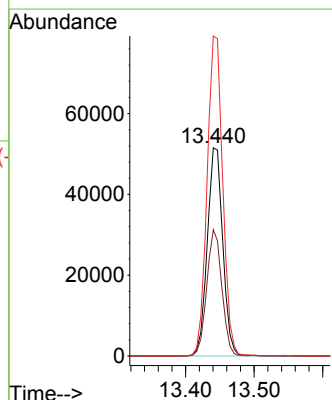
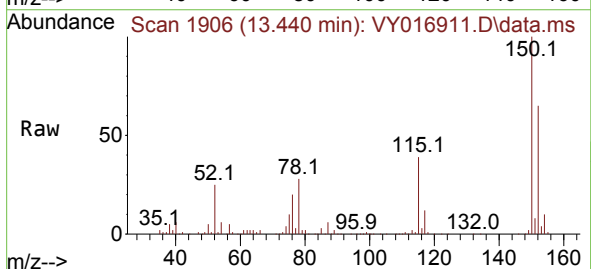
Instrument :
MSVOA_Y
ClientSampleId :

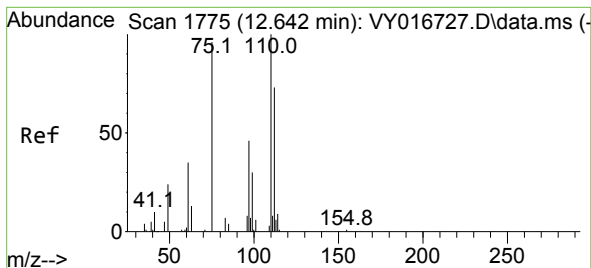
Tgt Ion:117 Resp: 221220
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016911.D
Acq: 03 Jan 2024 15:46

Tgt Ion:152 Resp: 81093
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 155.1 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 39.346 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

Instrument :

MSVOA_Y

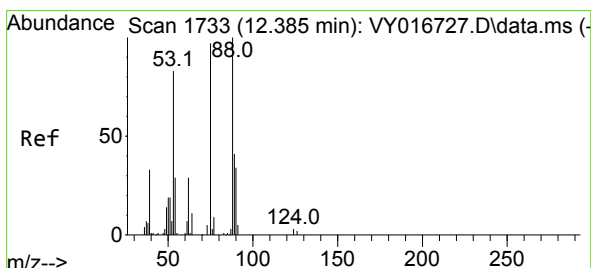
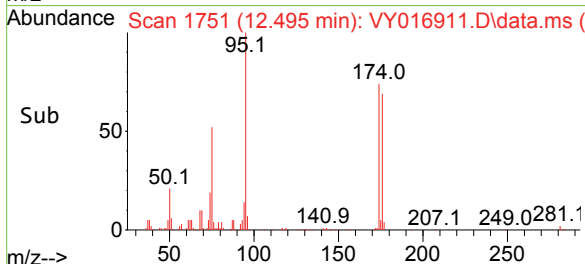
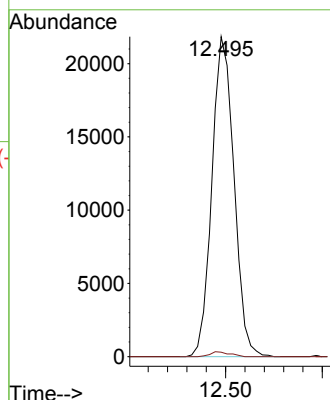
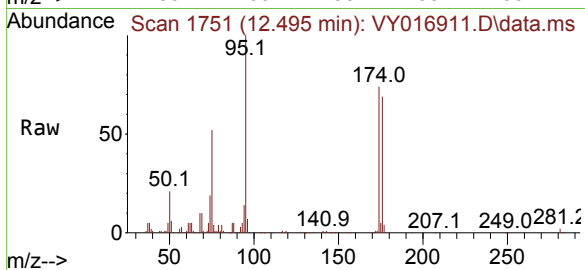
ClientSampleId :

Tgt Ion: 75 Resp: 34625

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.346 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.110 min

Lab File: VY016911.D

Acq: 03 Jan 2024 15:46

Tgt Ion: 75 Resp: 34625

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.1 36.5 54.7#

