

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017079.D
 Acq On : 22 Jan 2024 17:15
 Operator : SY/MD
 Sample : P1218-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:48:00 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)

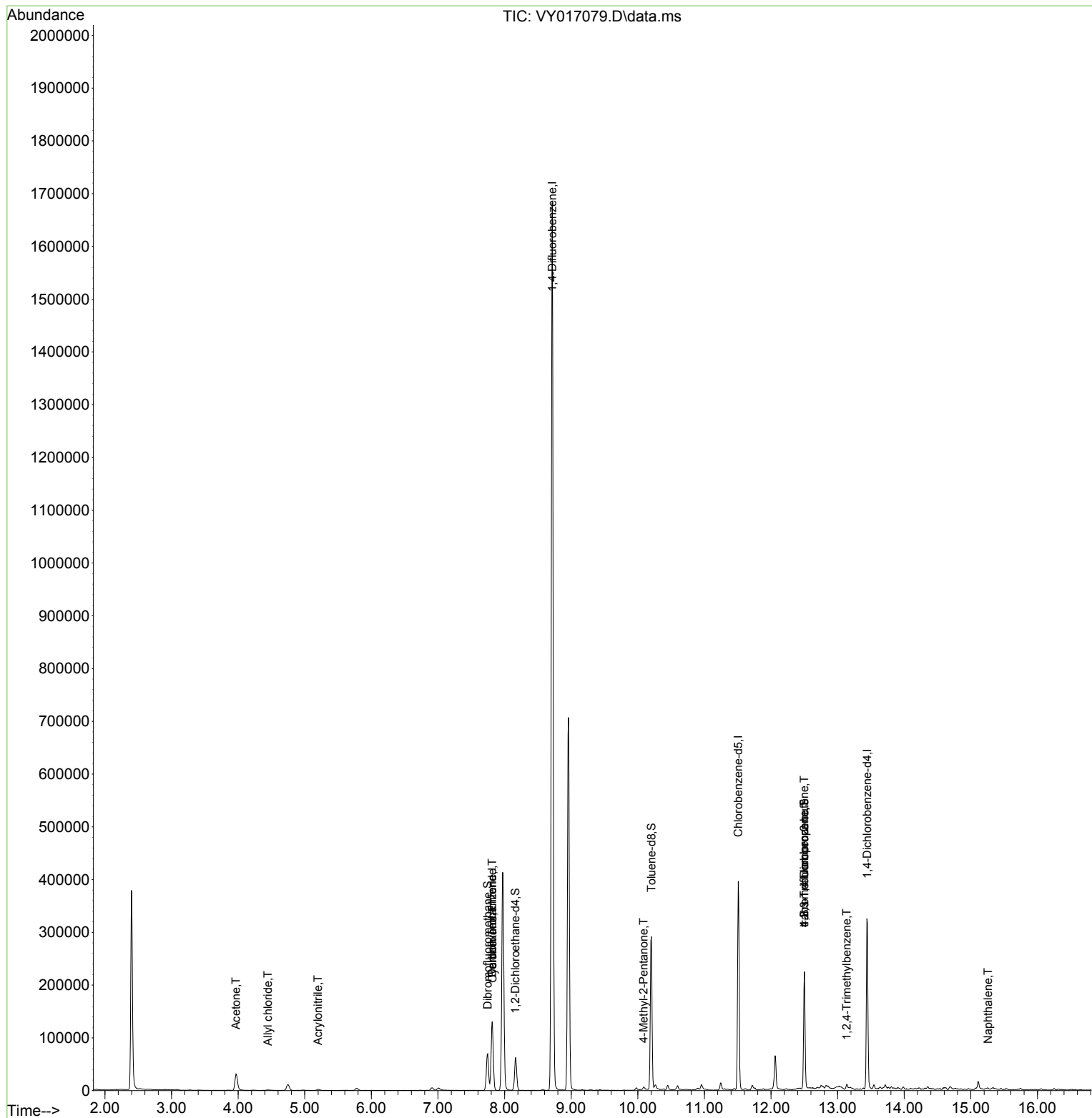
Internal Standards						
1) Pentafluorobenzene	7.813	168	97523	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	233173	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	213417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	81401	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46777	48.530	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.060%		
35) Dibromofluoromethane	7.746	113	49914	33.593	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	67.180%		
50) Toluene-d8	10.203	98	194630	38.039	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	76.080%		
62) 4-Bromofluorobenzene	12.502	95	65650	38.030	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	76.060%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	1328	Below Cal	#	75
14) Allyl chloride	4.448	41	1856	1.264	ug/l #	33
15) Acrylonitrile	5.198	53	494	1.985	ug/l #	42
16) Acetone	3.966	43	56088	234.615	ug/l	96
20) Methylene Chloride	4.747	84	8389	Below Cal	#	93
25) 2-Butanone	7.021	43	3075	Below Cal		98
31) Cyclohexane	7.819	56	2272	1.373	ug/l #	19
38) Carbon Tetrachloride	7.813	117	9730	4.423	ug/l #	19
51) 4-Methyl-2-Pentanone	10.087	43	3713	3.705	ug/l	91
76) 1,2,3-Trichloropropane	12.502	75	34508	39.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	34508	88.707	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.136	105	5465	1.056	ug/l	97
95) Naphthalene	15.257	128	2324	1.671	ug/l #	83

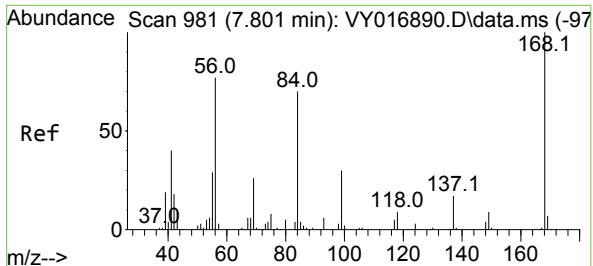
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
Data File : VY017079.D
Acq On : 22 Jan 2024 17:15
Operator : SY/MD
Sample : P1218-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

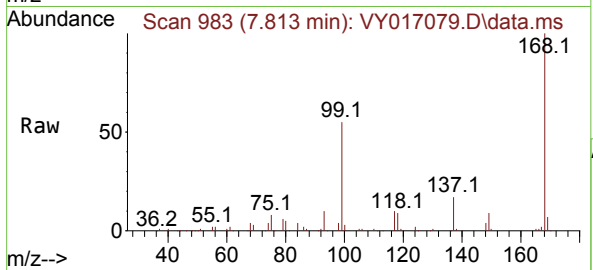
Quant Time: Jan 23 01:48:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



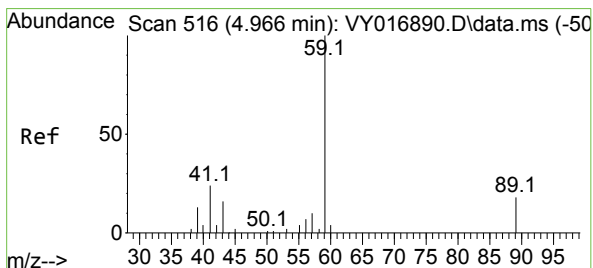
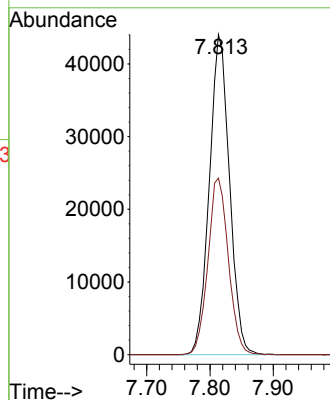
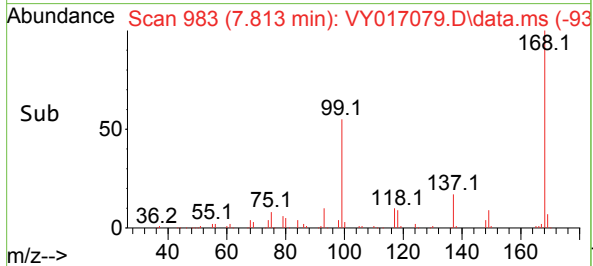


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

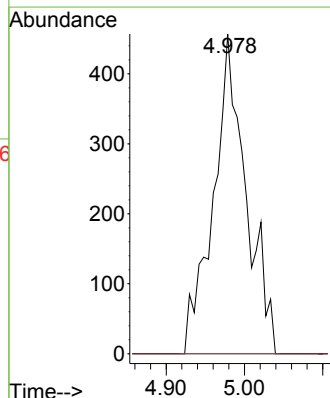
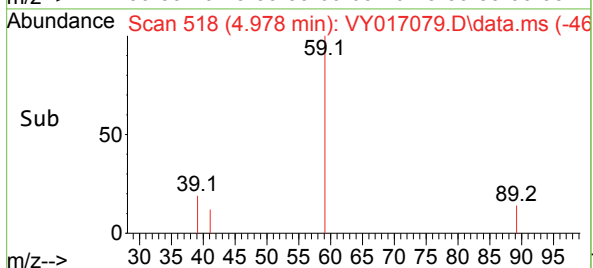
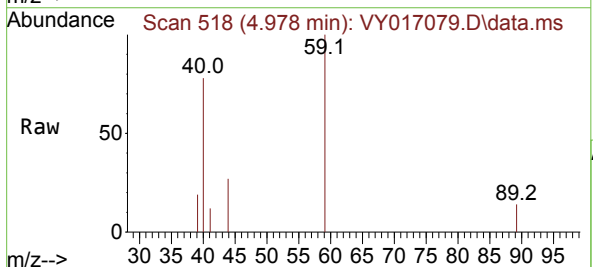


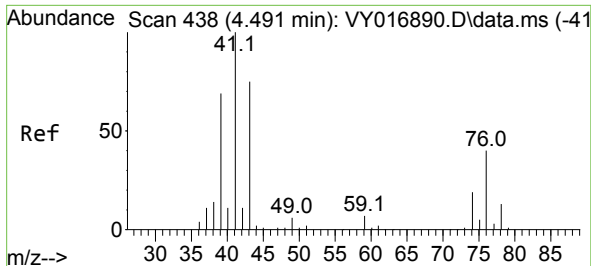
Tgt Ion:168 Resp: 97523
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

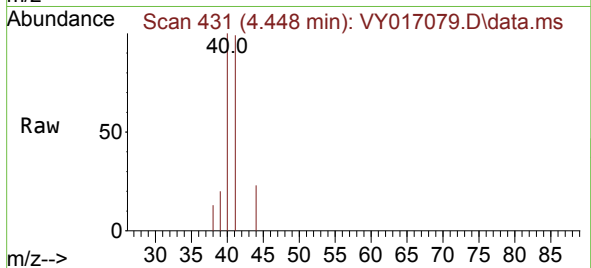
Tgt Ion: 59 Resp: 1328
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



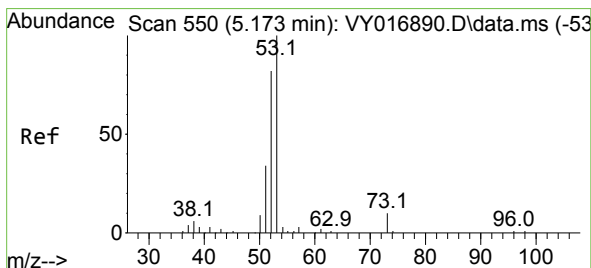
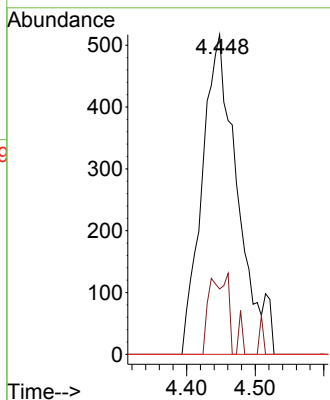
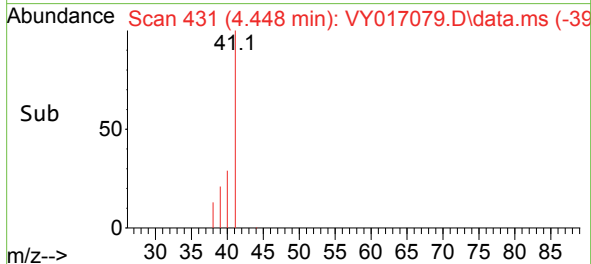


#14
Allyl chloride
Concen: 1.264 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.049 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

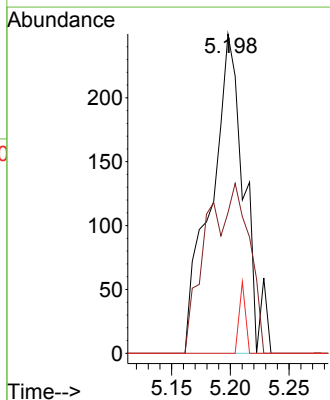
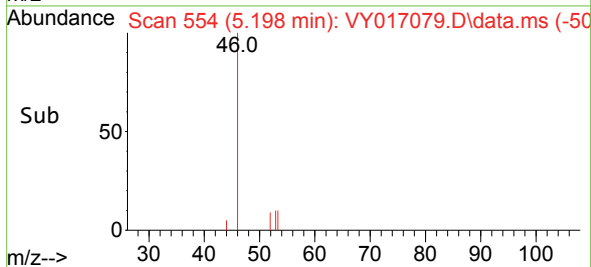
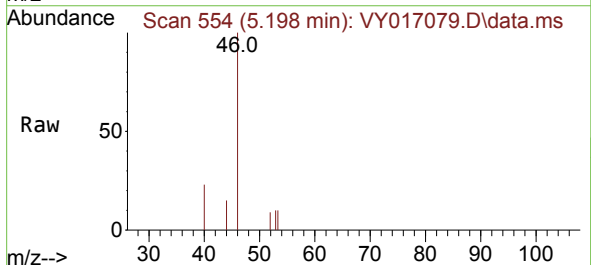


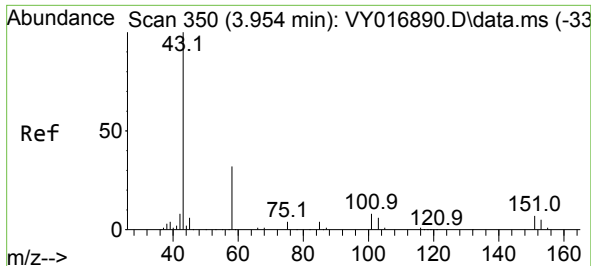
Tgt Ion: 41 Resp: 1856
Ion Ratio Lower Upper
41 100
39 13.1 54.7 82.1#
76 0.0 31.8 47.6#



#15
Acrylonitrile
Concen: 1.985 ug/l
RT: 5.198 min Scan# 554
Delta R.T. 0.019 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

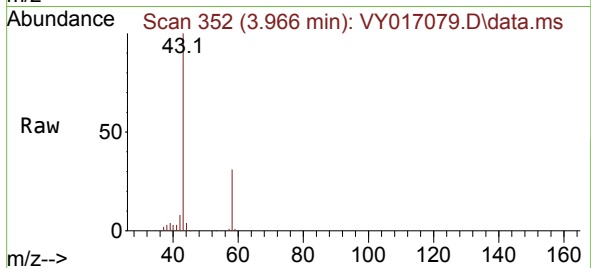
Tgt Ion: 53 Resp: 494
Ion Ratio Lower Upper
53 100
52 31.4 65.1 97.7#
51 0.0 29.0 43.4#



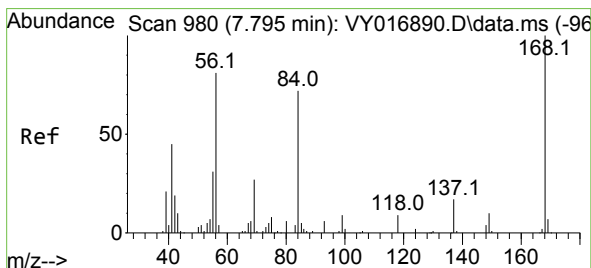
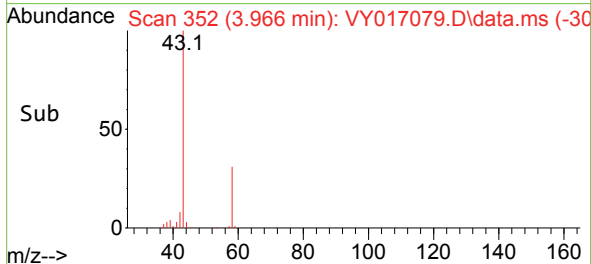
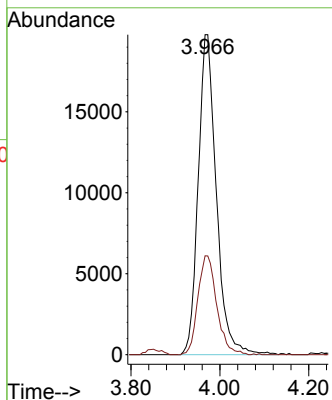


#16
Acetone
Concen: 234.615 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

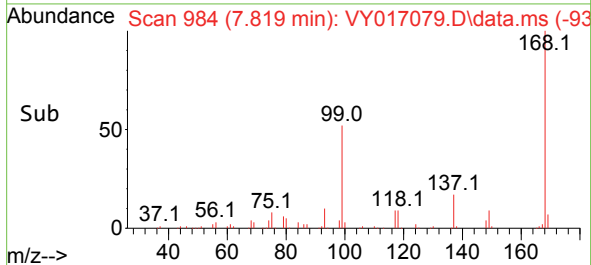
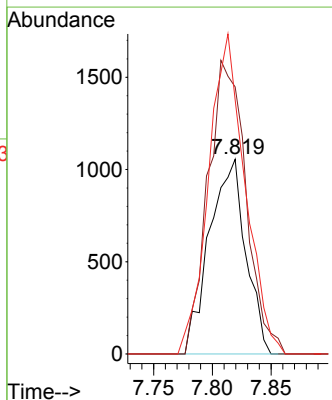
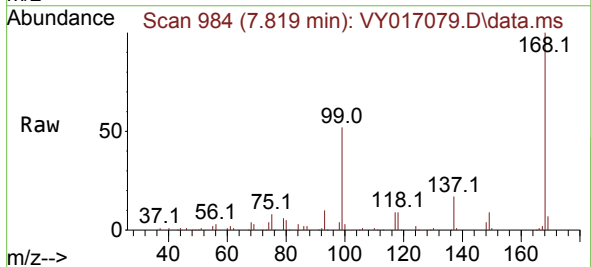


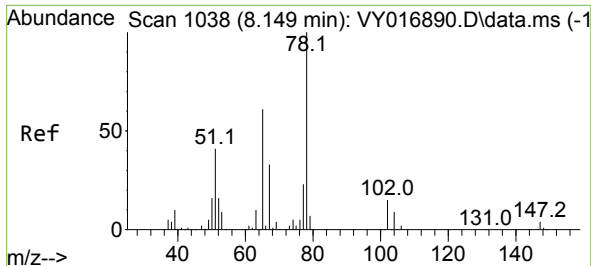
Tgt Ion: 43 Resp: 56088
Ion Ratio Lower Upper
43 100
58 30.9 26.6 39.8



#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Tgt Ion: 56 Resp: 2272
Ion Ratio Lower Upper
56 100
69 137.1 27.0 40.6#
84 130.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 48.530 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

Instrument :

MSVOA_Y

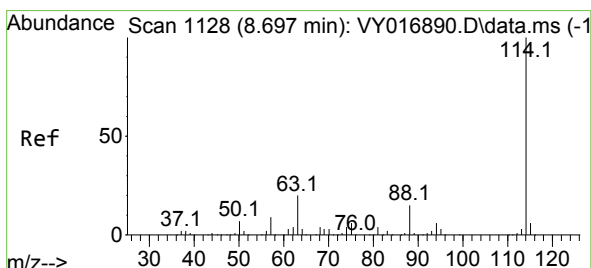
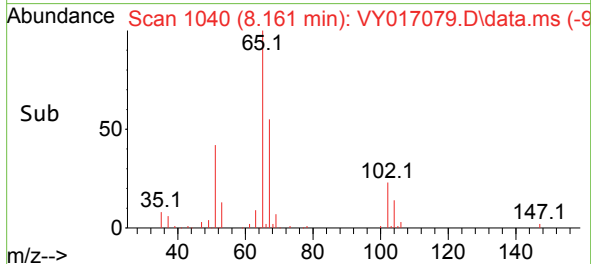
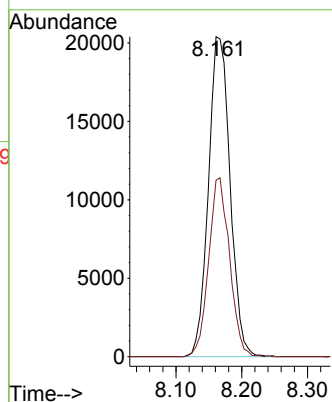
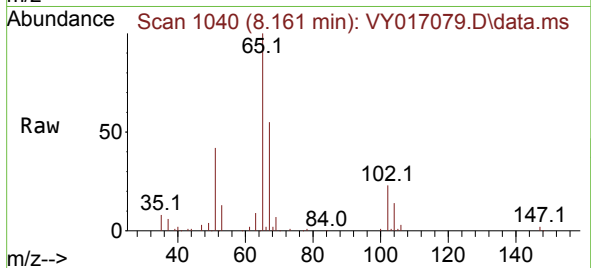
ClientSampleId :

Tgt Ion: 65 Resp: 46777

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

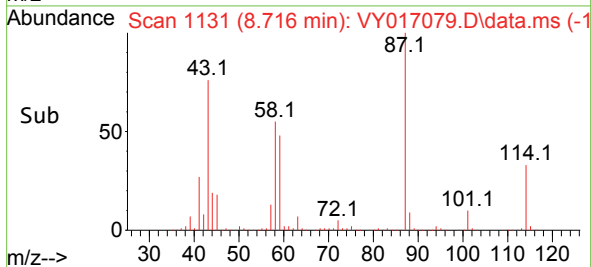
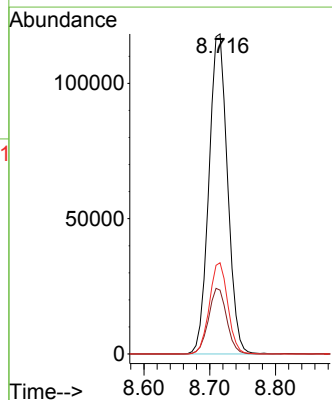
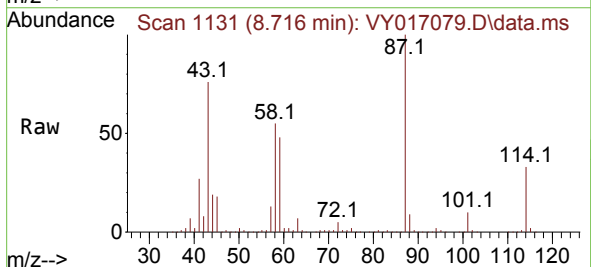
Tgt Ion: 114 Resp: 233173

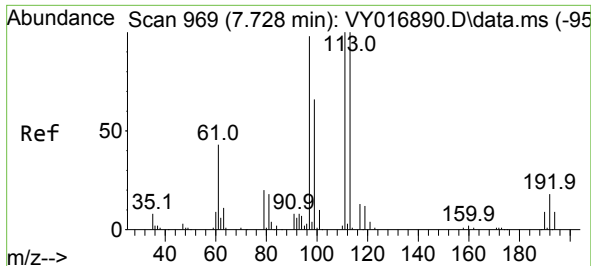
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

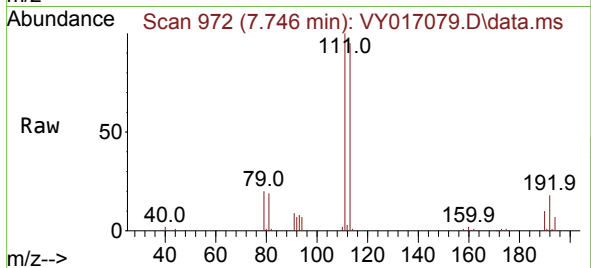
88 28.5 0.0 29.0





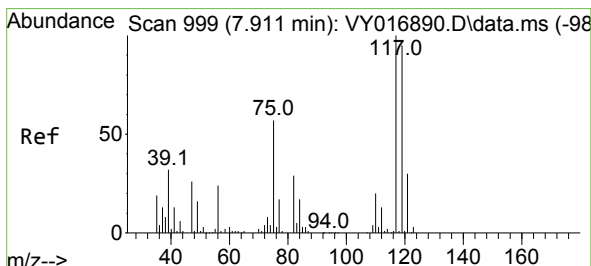
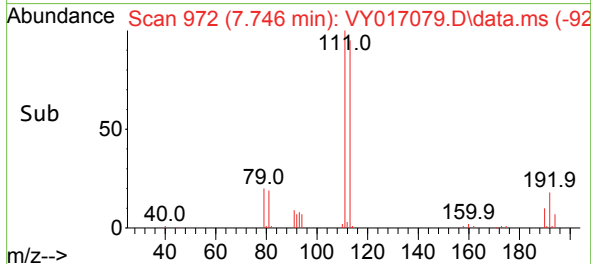
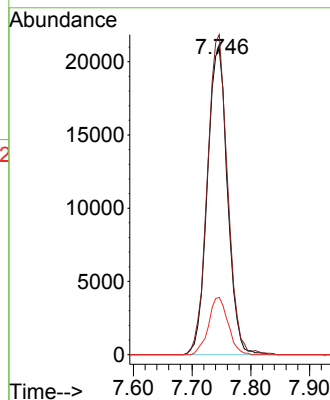
#35
 Dibromofluoromethane
 Concen: 33.593 ug/l
 RT: 7.746 min Scan# 91
 Delta R.T. 0.018 min
 Lab File: VY017079.D
 Acq: 22 Jan 2024 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:113 Resp: 49914

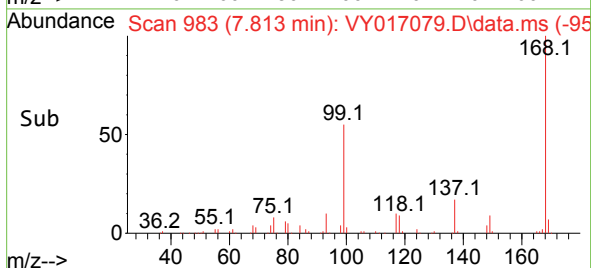
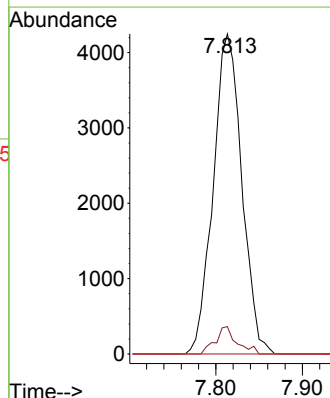
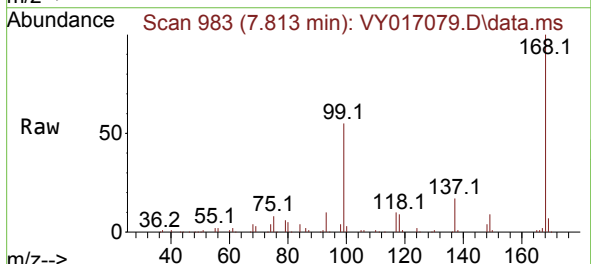
Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.8	125.6
192	18.1	14.5	21.7

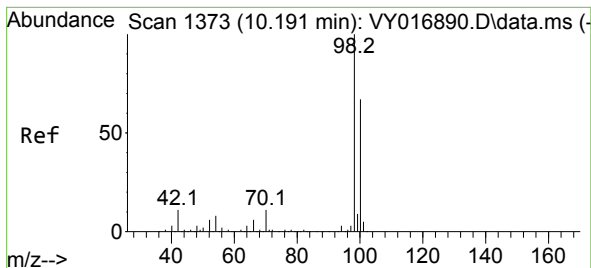


#38
 Carbon Tetrachloride
 Concen: 4.423 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.104 min
 Lab File: VY017079.D
 Acq: 22 Jan 2024 17:15

Tgt Ion:117 Resp: 9730

Ion	Ratio	Lower	Upper
117	100		
119	8.6	76.0	114.0#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 38.039 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

Instrument :

MSVOA_Y

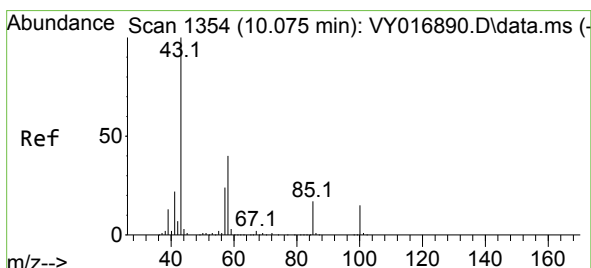
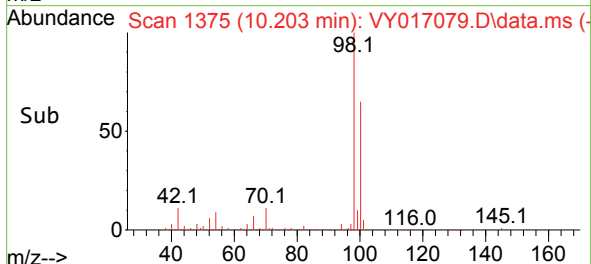
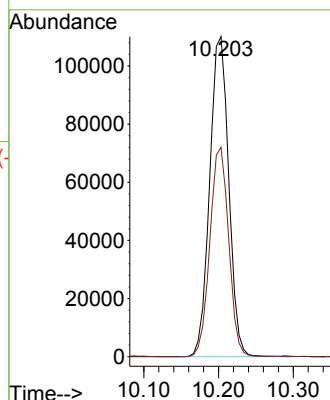
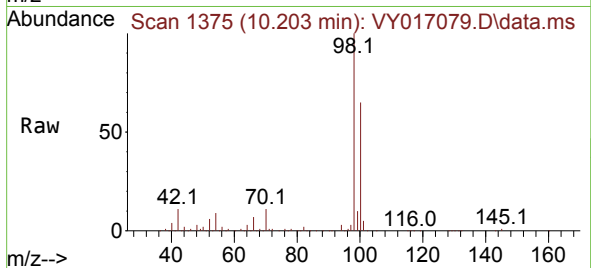
ClientSampleId :

Tgt Ion: 98 Resp: 194630

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 3.705 ug/l

RT: 10.087 min Scan# 1356

Delta R.T. 0.006 min

Lab File: VY017079.D

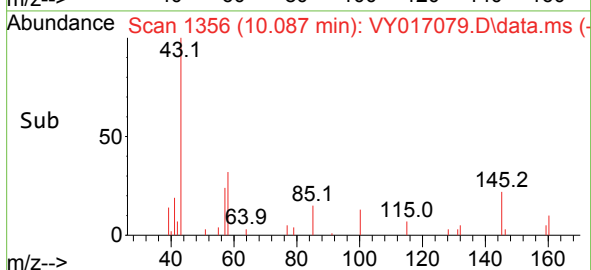
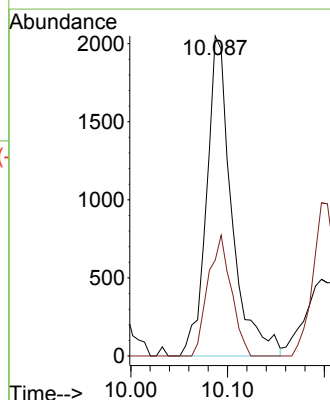
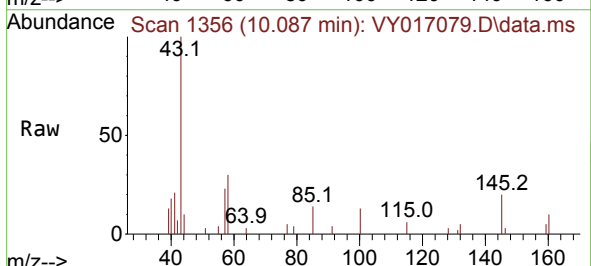
Acq: 22 Jan 2024 17:15

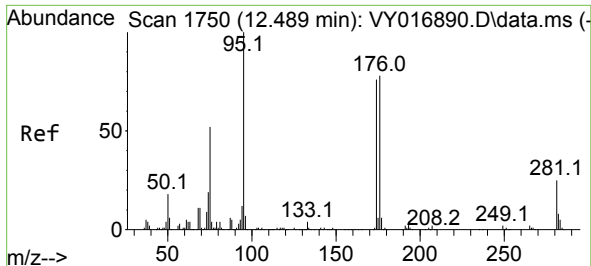
Tgt Ion: 43 Resp: 3713

Ion Ratio Lower Upper

43 100

58 34.6 32.2 48.2

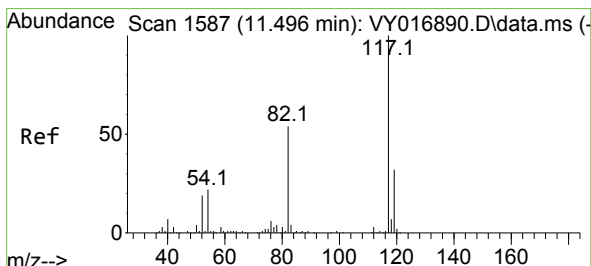
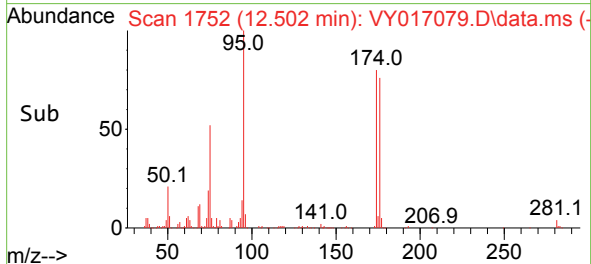
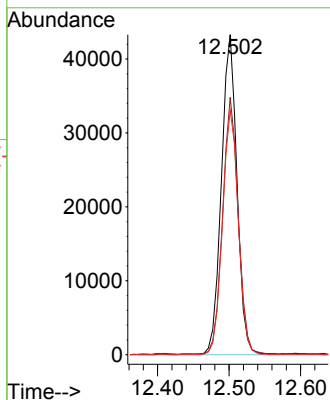
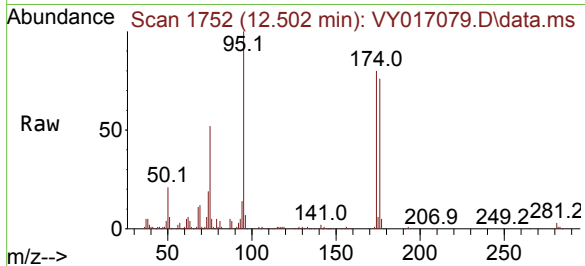




#62
4-Bromofluorobenzene
Concen: 38.030 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

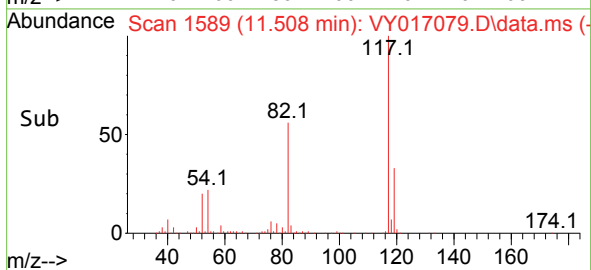
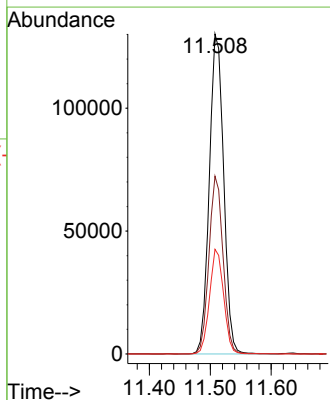
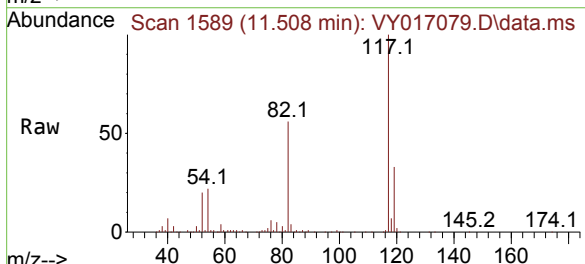
Instrument :
MSVOA_Y
ClientSampleId :

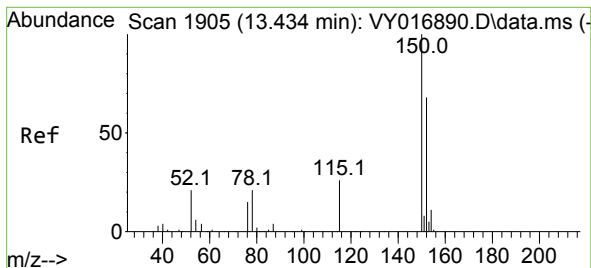
Tgt Ion: 95 Resp: 65650
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.0
176 77.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Tgt Ion: 117 Resp: 213417
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

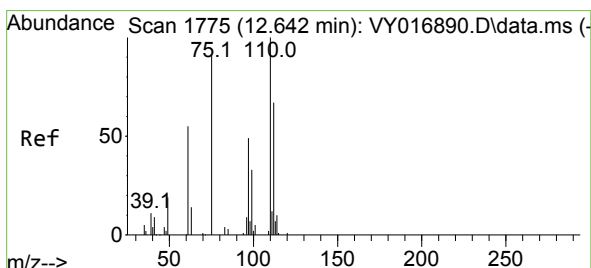
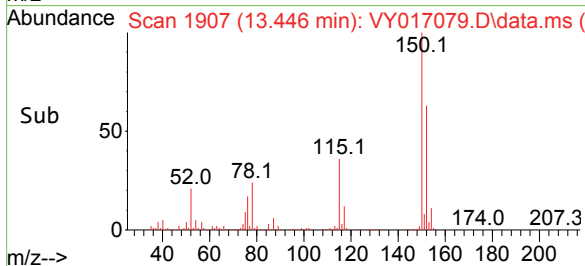
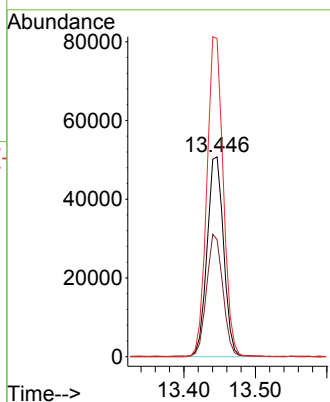
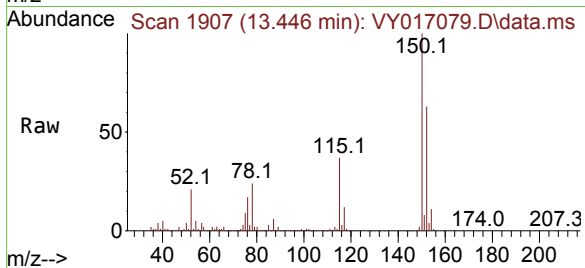
Tgt Ion:152 Resp: 81401

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 158.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 39.065 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017079.D

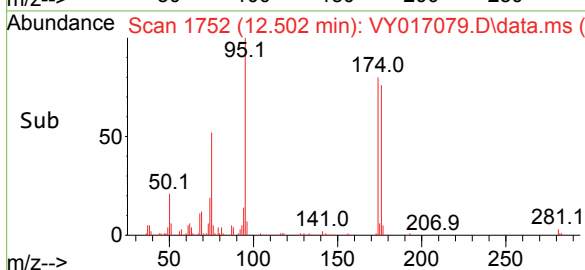
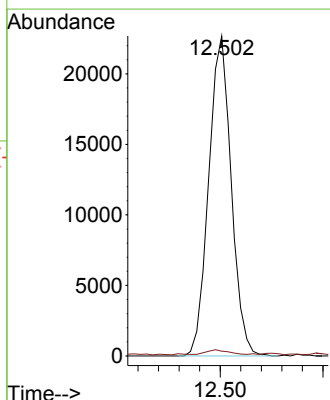
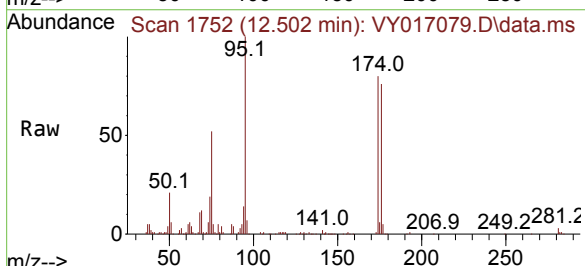
Acq: 22 Jan 2024 17:15

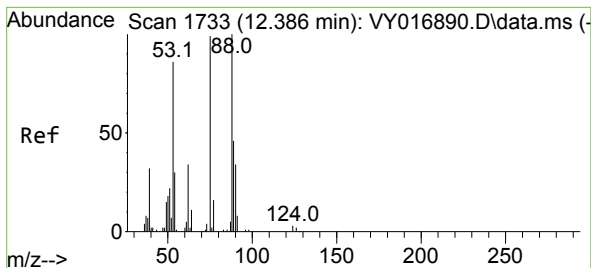
Tgt Ion: 75 Resp: 34508

Ion Ratio Lower Upper

75 100

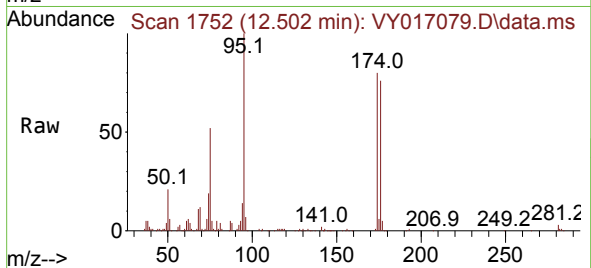
77 1.8 0.0 0.0#



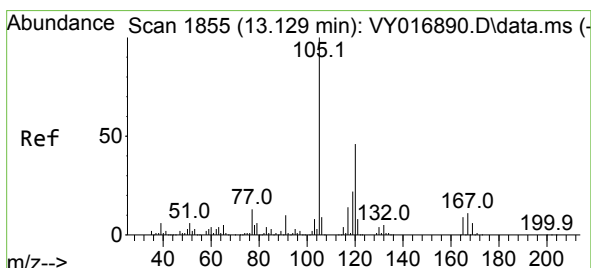
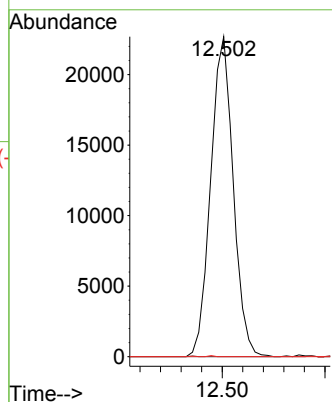
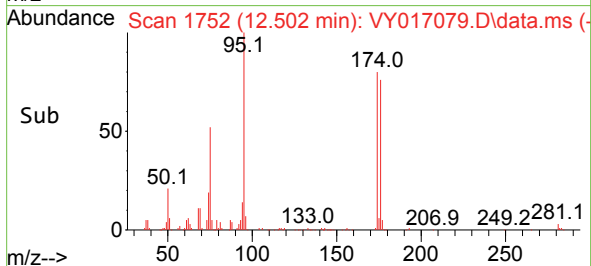


#81
trans-1,4-Dichloro-2-butene
Concen: 88.707 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.117 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

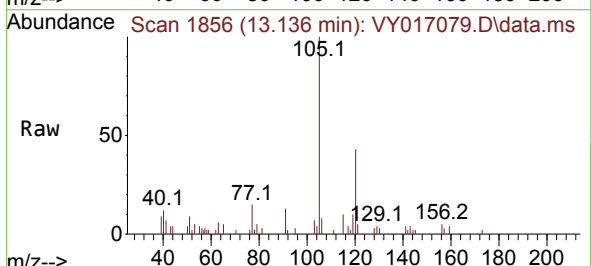
Instrument :
MSVOA_Y
ClientSampleId :



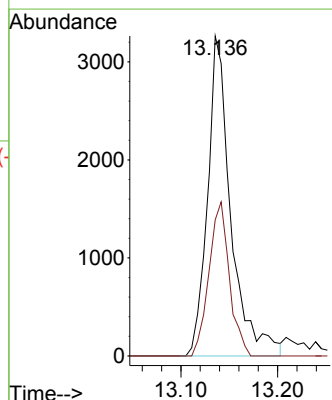
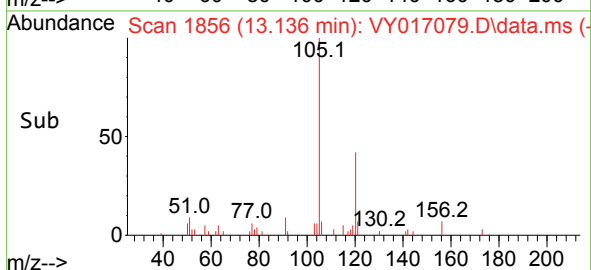
Tgt Ion: 75 Resp: 34508
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

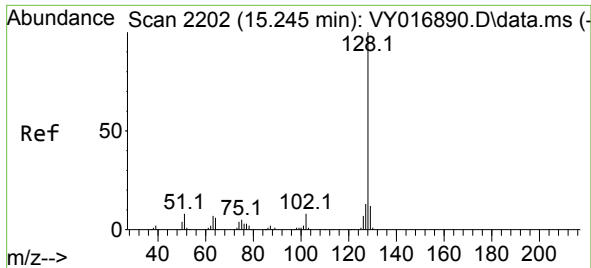


#84
1,2,4-Trimethylbenzene
Concen: 1.056 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.007 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15



Tgt Ion: 105 Resp: 5465
Ion Ratio Lower Upper
105 100
120 42.1 22.1 66.3





#95

Naphthalene

Concen: 1.671 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

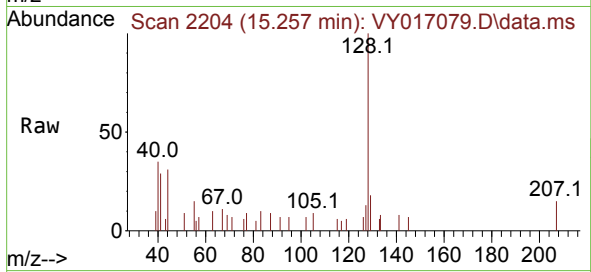
Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 2324

Ion Ratio Lower Upper

128 100

127 15.4 10.2 15.4#

129 21.7 8.6 12.8#

