

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014040.D
 Acq On : 06 Jun 2023 18:56
 Operator : KP/MD
 Sample : 03044-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5-7.0

Quant Time: Jun 07 01:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

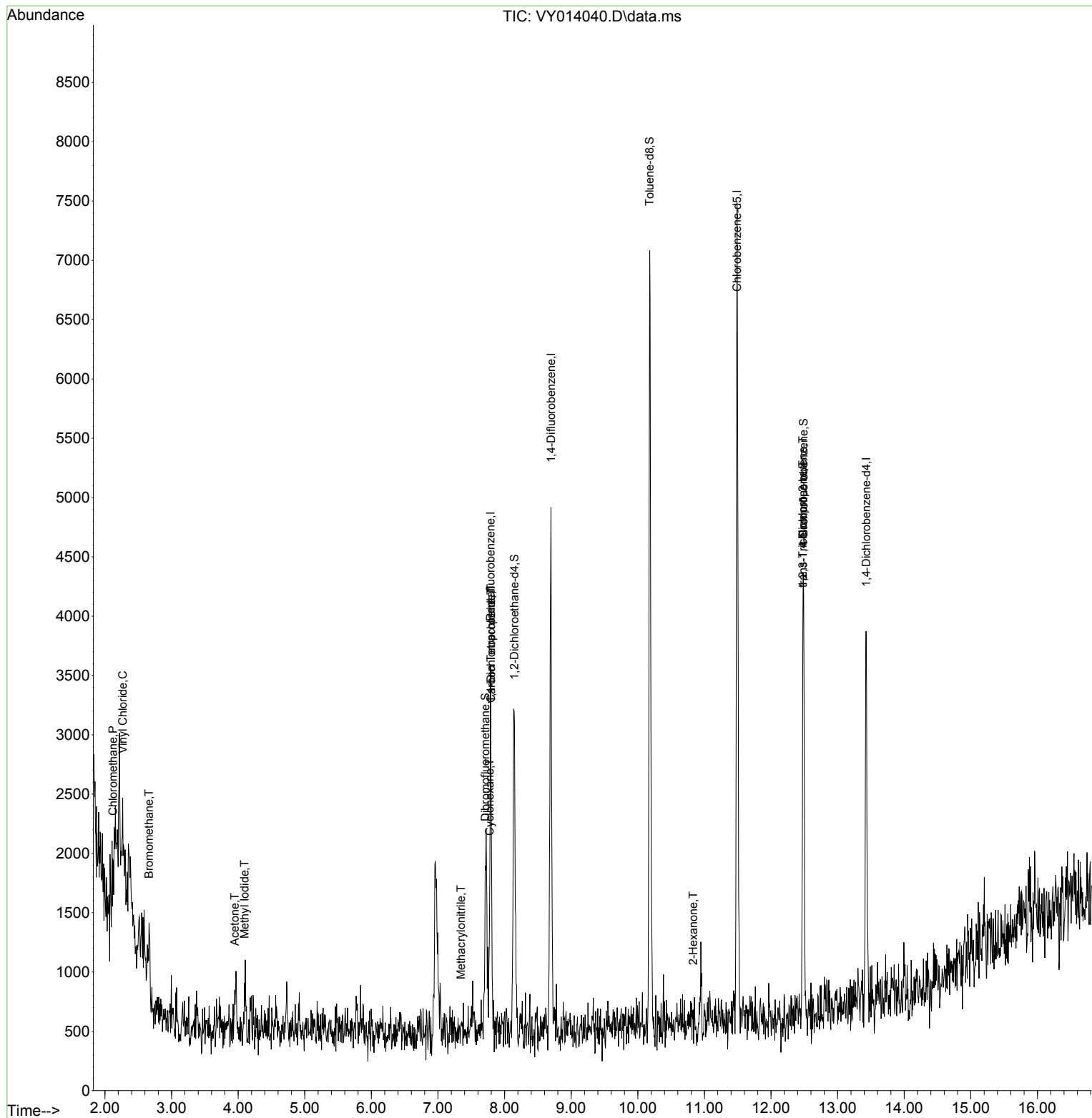
Internal Standards						
1) Pentafluorobenzene	7.789	168	1946	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	3805	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.489	117	4167	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2432	94.408	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.820%#	
35) Dibromofluoromethane	7.710	113	1209	49.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.000%	
50) Toluene-d8	10.179	98	4739	51.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.489	95	1188	37.780	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	265	11.175	ug/l	# 43
4) Vinyl Chloride	2.265	62	23	1.047	ug/l	# 44
5) Bromomethane	2.662	94	218	11.396	ug/l	# 52
10) Methyl Iodide	4.094	142	464	18.871	ug/l	# 77
16) Acetone	3.948	43	127	14.410	ug/l	# 46
20) Methylene Chloride	4.722	84	52	Below Cal	#	40
31) Cyclohexane	7.777	56	45	1.451	ug/l	# 77
36) 1,1-Dichloropropene	7.795	75	72	2.090	ug/l	# 41
38) Carbon Tetrachloride	7.795	117	146	3.782	ug/l	# 12
41) Methacrylonitrile	7.344	41	39	2.809	ug/l	# 17
59) 2-Hexanone	10.831	43	25	1.209	ug/l	# 27
76) 1,2,3-Trichloropropane	12.477	75	690	45.699	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	690	96.952	ug/l	# 10

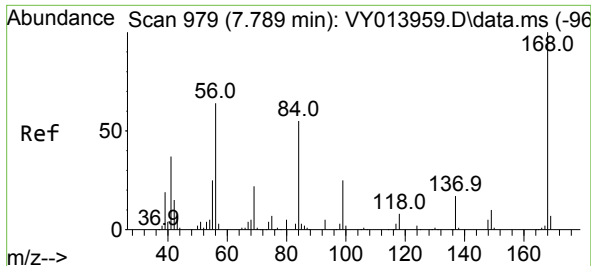
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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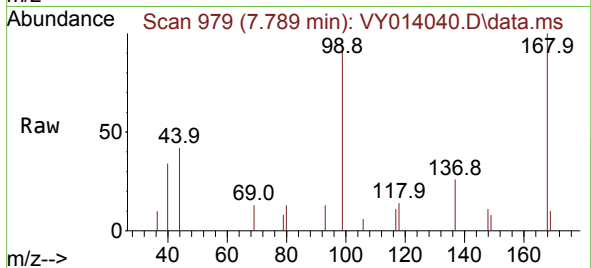
Quant Time: Jun 07 01:42:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
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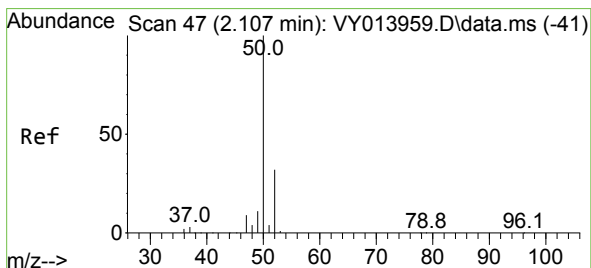
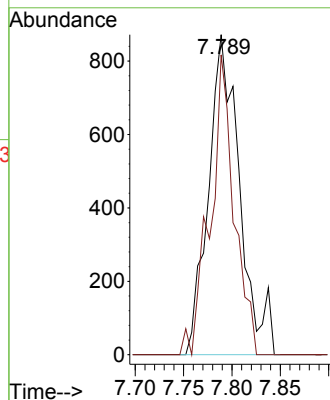
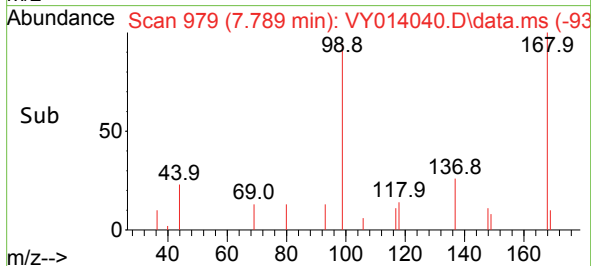


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

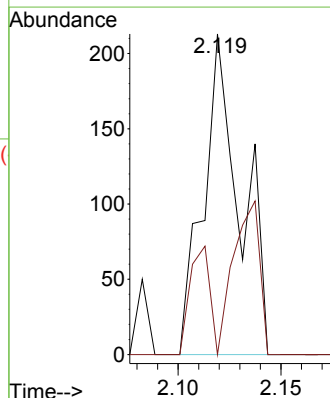
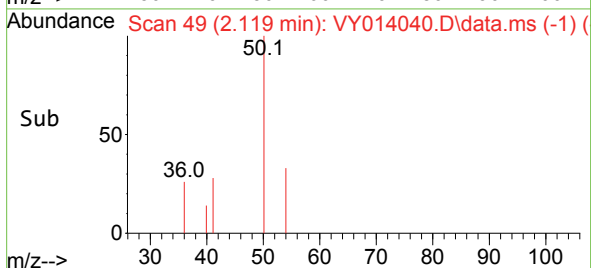
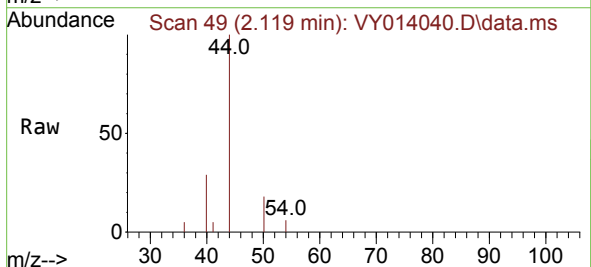


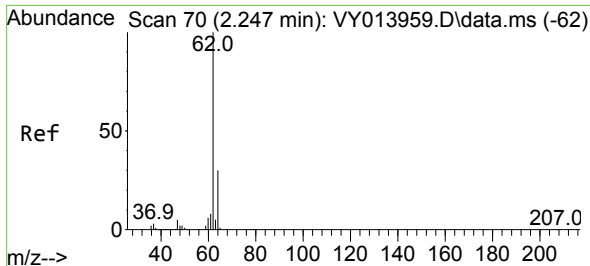
Tgt Ion:168 Resp: 1946
Ion Ratio Lower Upper
168 100
99 93.7 43.4 65.0#



#3
Chloromethane
Concen: 11.175 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion: 50 Resp: 265
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

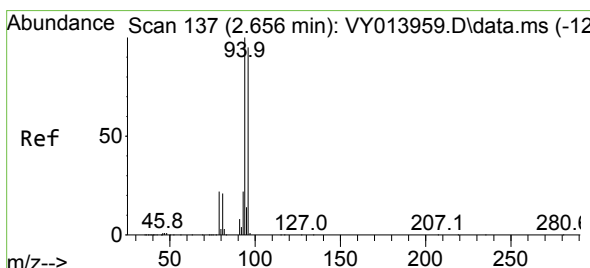
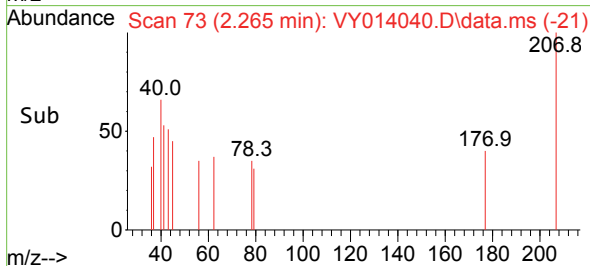
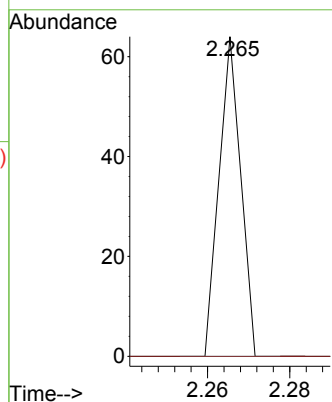
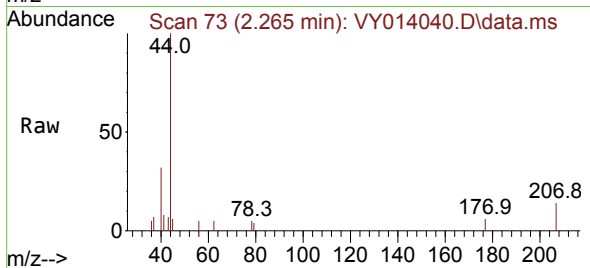




#4
 Vinyl Chloride
 Concen: 1.047 ug/l
 RT: 2.265 min Scan# 71
 Delta R.T. 0.018 min
 Lab File: VY014040.D
 Acq: 06 Jun 2023 18:56

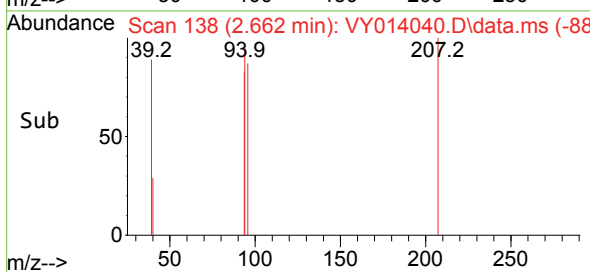
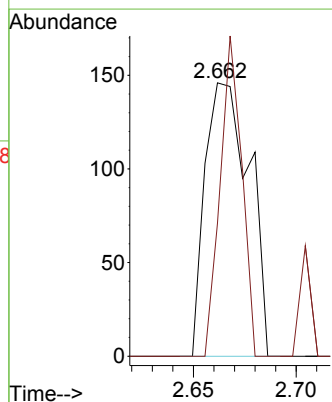
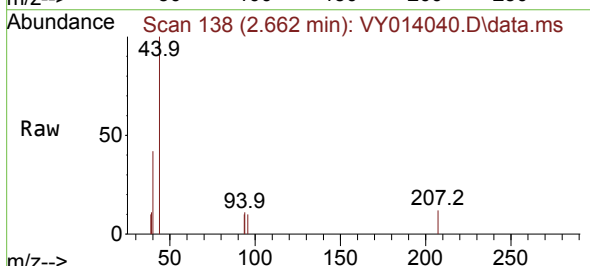
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5-7.0

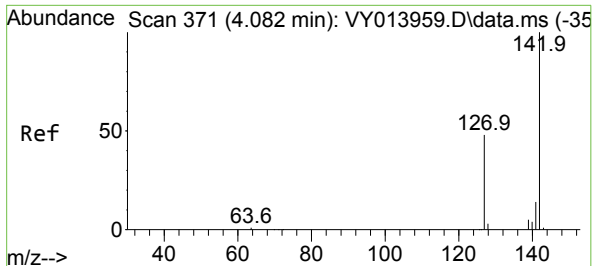
Tgt Ion: 62 Resp: 23
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.3 36.5#



#5
 Bromomethane
 Concen: 11.396 ug/l
 RT: 2.662 min Scan# 138
 Delta R.T. 0.006 min
 Lab File: VY014040.D
 Acq: 06 Jun 2023 18:56

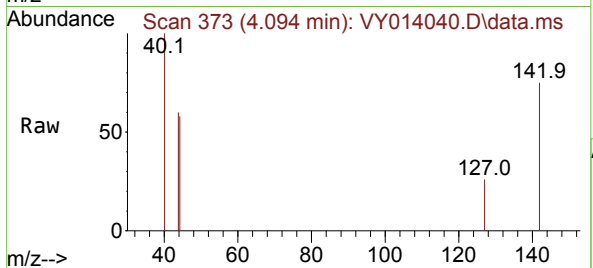
Tgt Ion: 94 Resp: 218
 Ion Ratio Lower Upper
 94 100
 96 48.6 75.8 113.6#



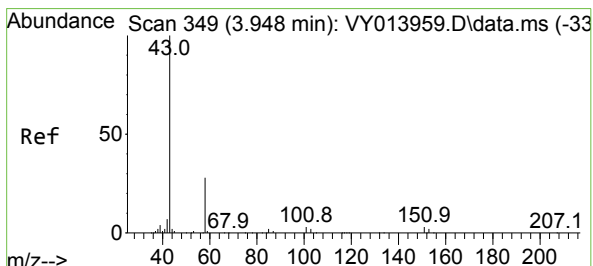
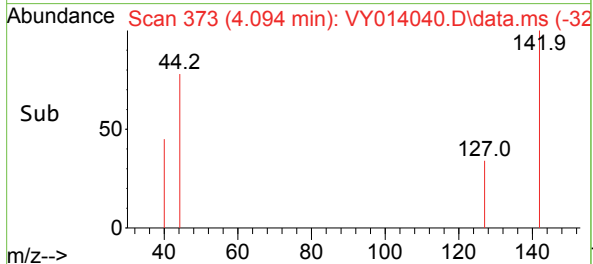
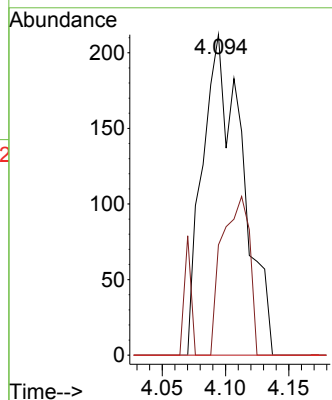


#10
Methyl Iodide
Concen: 18.871 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

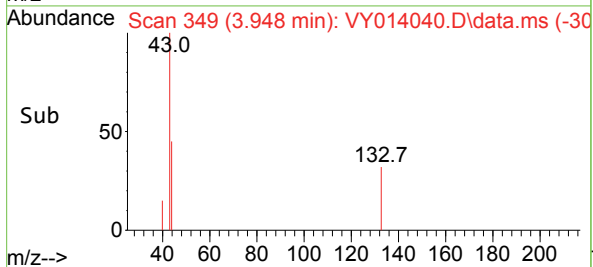
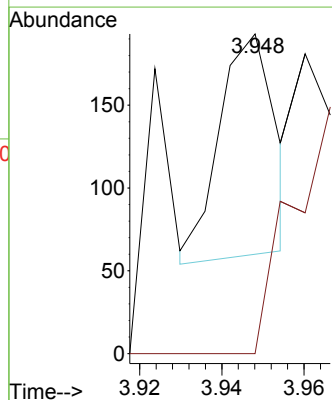
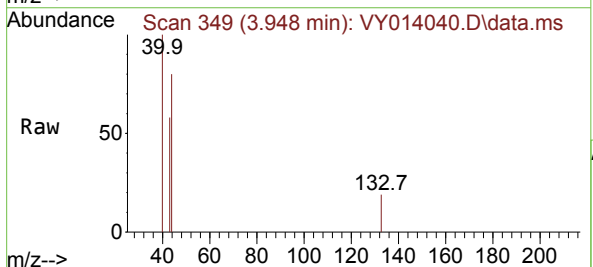


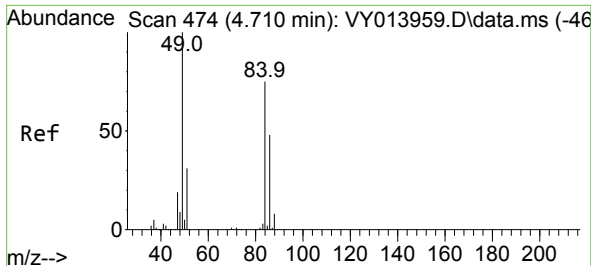
Tgt Ion:142 Resp: 464
Ion Ratio Lower Upper
142 100
127 34.3 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 14.410 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

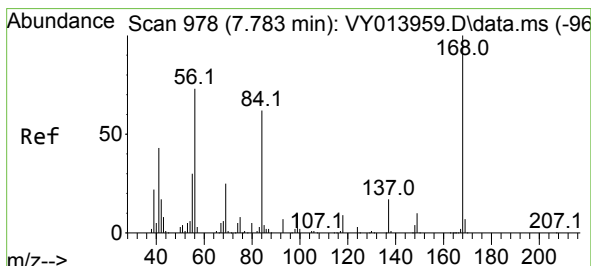
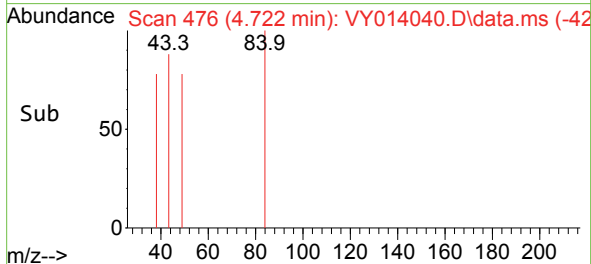
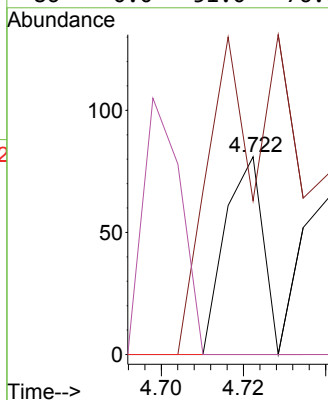
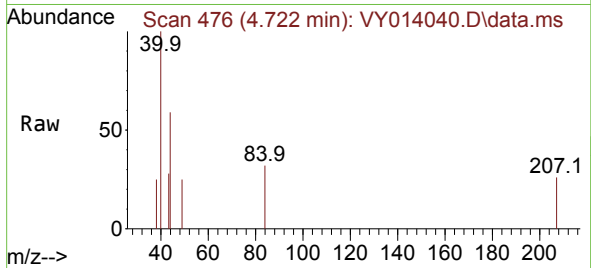




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

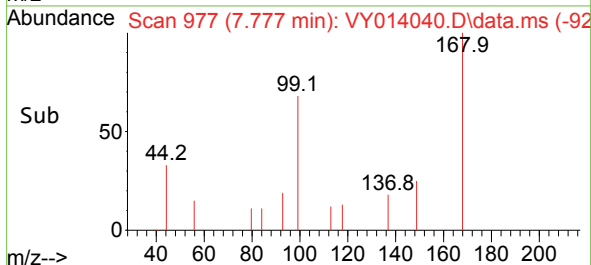
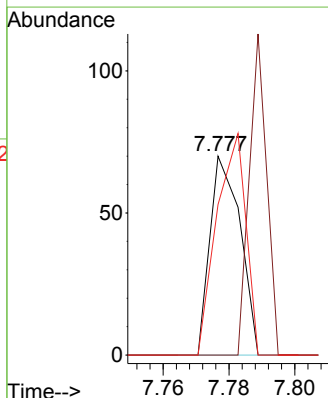
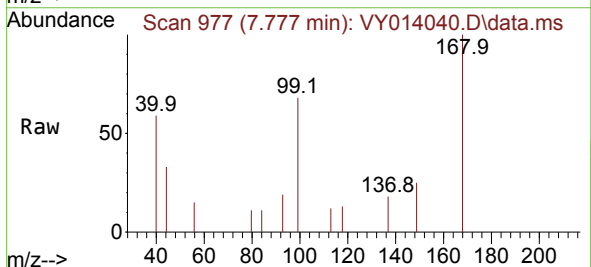
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

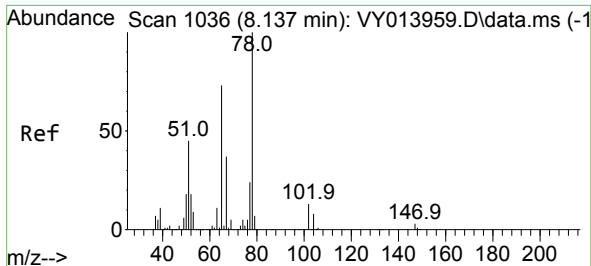
Tgt Ion:	84	Resp:	52
Ion	Ratio	Lower	Upper
84	100		
49	77.8	106.9	160.3#
51	0.0	33.2	49.8#
86	0.0	51.0	76.6#



#31
Cyclohexane
Concen: 1.451 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion:	56	Resp:	45
Ion	Ratio	Lower	Upper
56	100		
69	0.0	27.8	41.6#
84	75.7	66.4	99.6

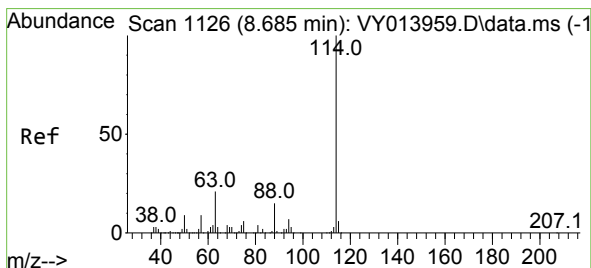
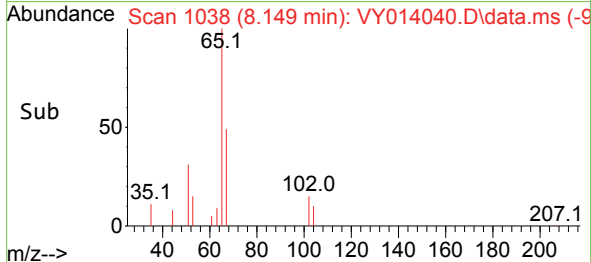
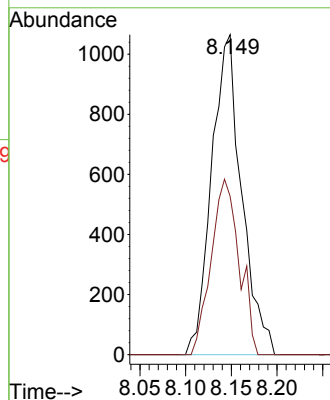
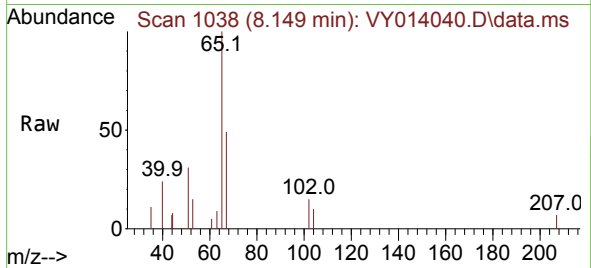




#33
1,2-Dichloroethane-d4
Concen: 94.408 ug/l
RT: 8.149 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

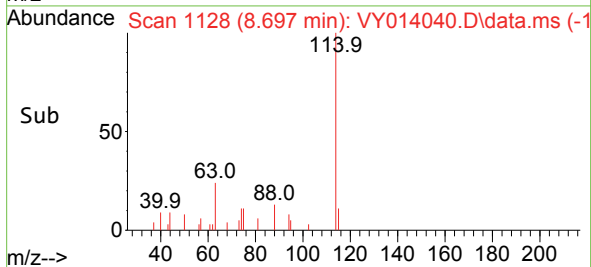
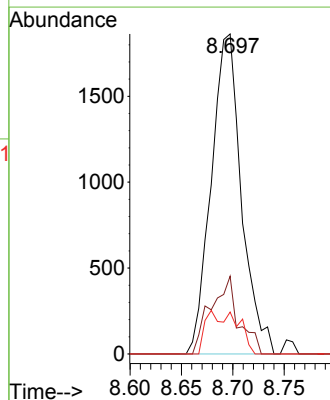
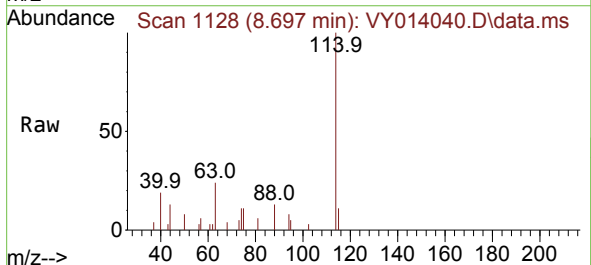
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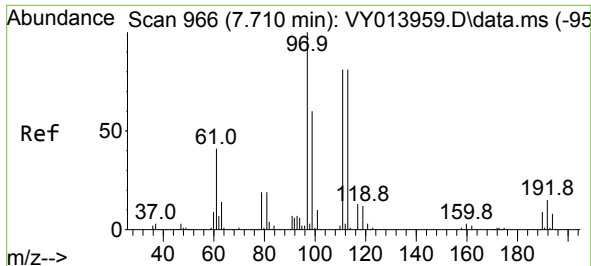
Tgt Ion: 65 Resp: 2432
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion: 114 Resp: 3805
Ion Ratio Lower Upper
114 100
63 24.3 0.0 42.4
88 13.1 0.0 30.6

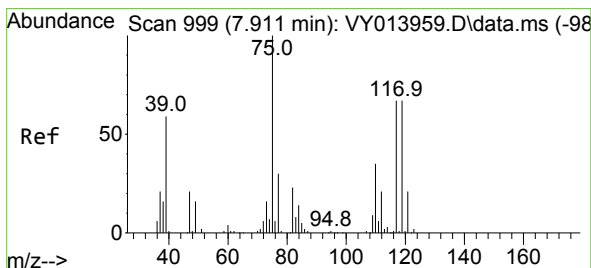
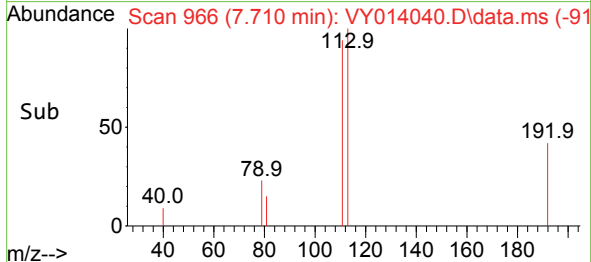
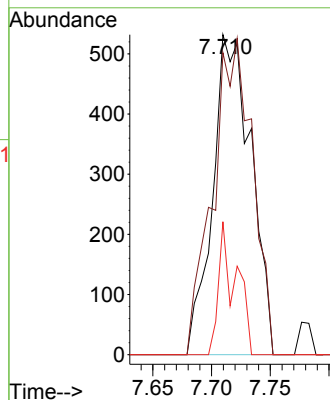
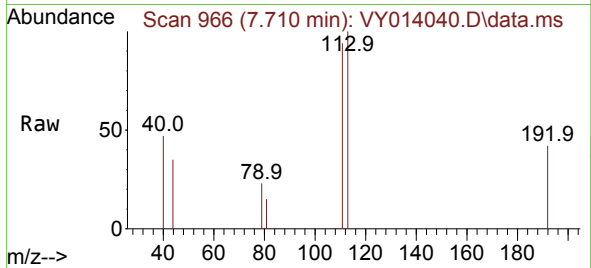




#35
Dibromofluoromethane
Concen: 49.998 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

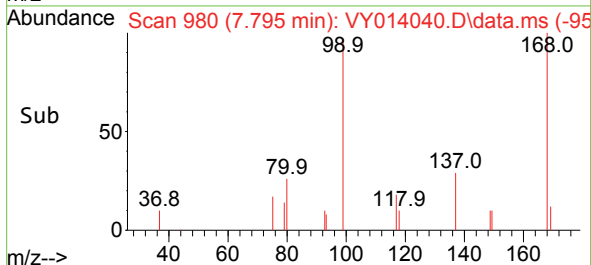
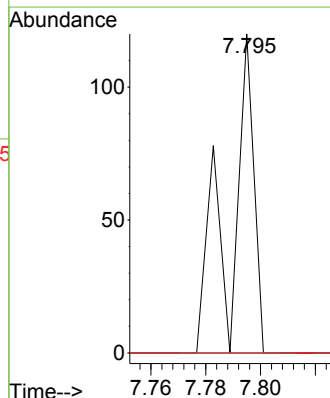
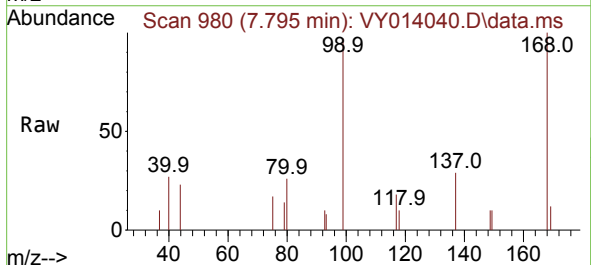
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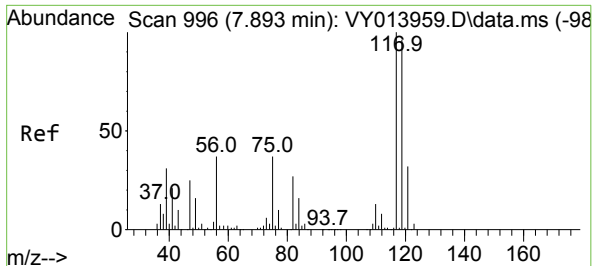
Tgt Ion:113 Resp: 1209
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 2.090 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

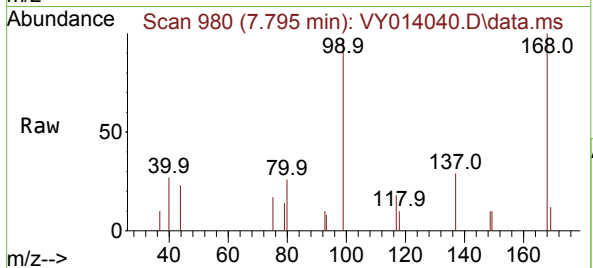
Tgt Ion: 75 Resp: 72
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



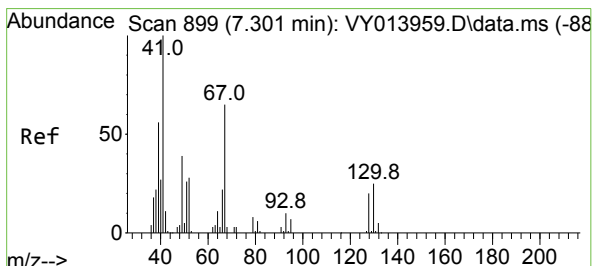
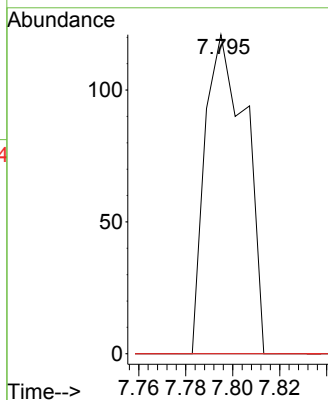
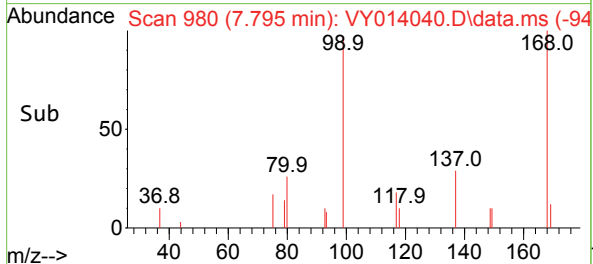


#38
Carbon Tetrachloride
Concen: 3.782 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

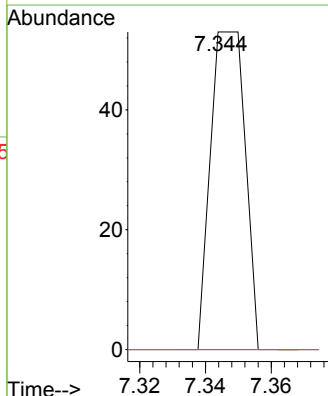
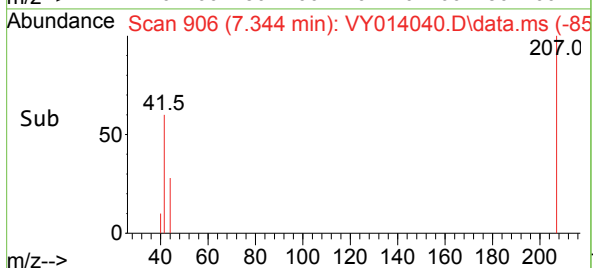
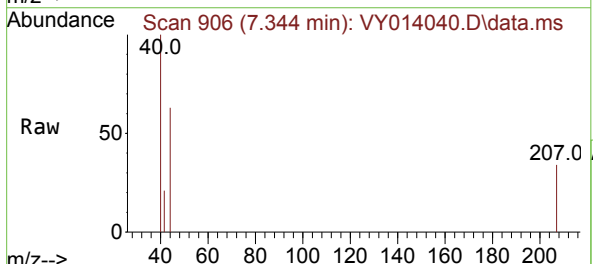


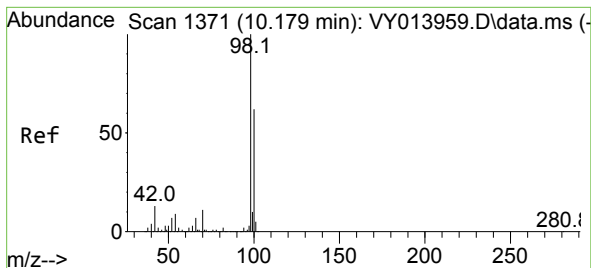
Tgt Ion:117 Resp: 146
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 2.809 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.042 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion: 41 Resp: 39
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#





#50

Toluene-d8

Concen: 51.378 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014040.D

Acq: 06 Jun 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

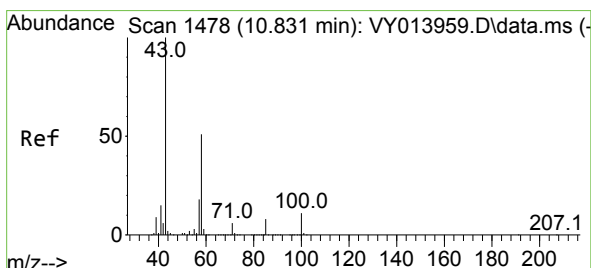
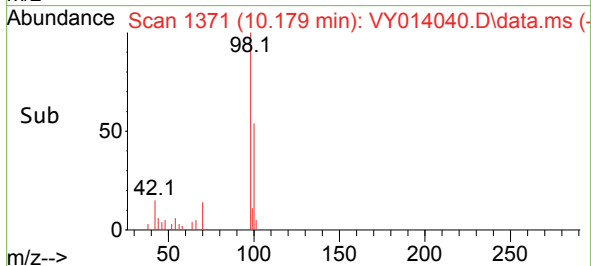
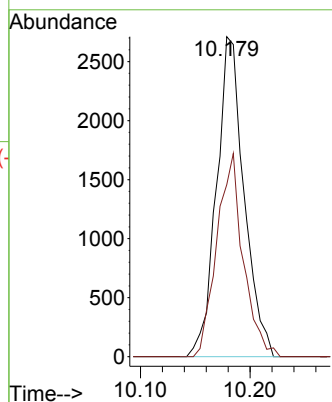
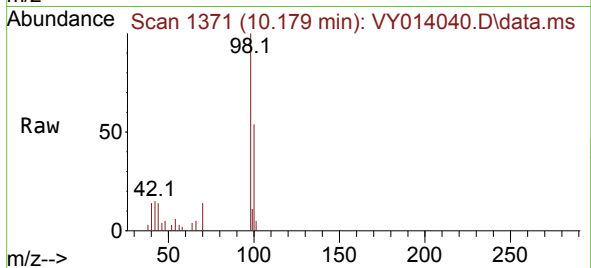
SB-02-5-7.0

Tgt Ion: 98 Resp: 4739

Ion Ratio Lower Upper

98 100

100 60.8 50.1 75.1



#59

2-Hexanone

Concen: 1.209 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY014040.D

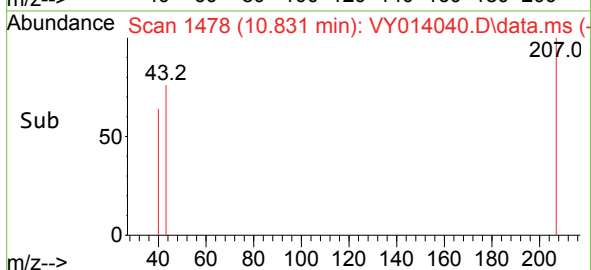
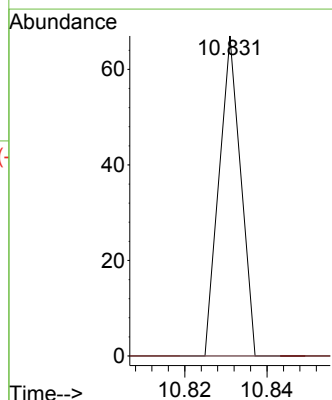
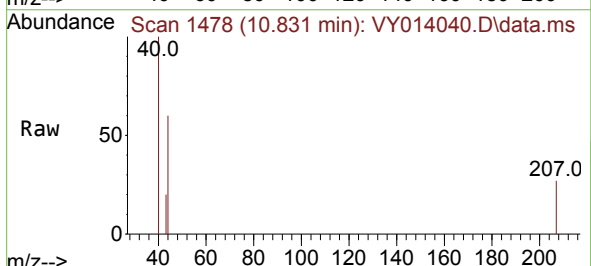
Acq: 06 Jun 2023 18:56

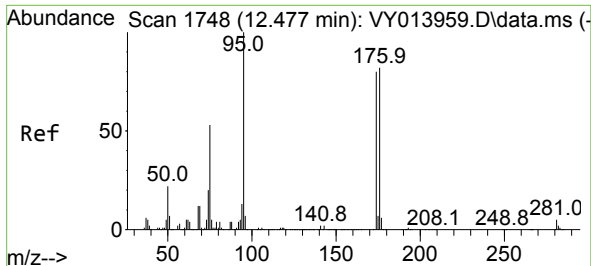
Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

58 0.0 25.1 75.3#

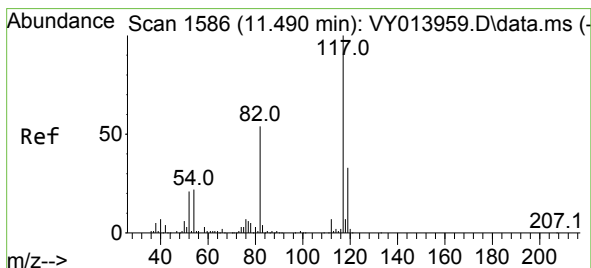
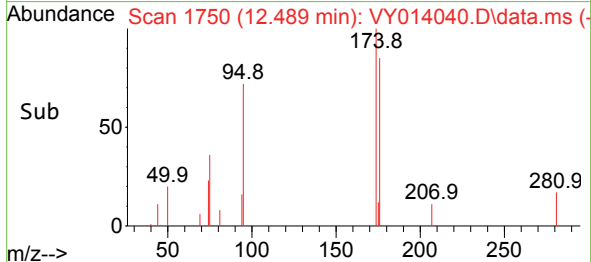
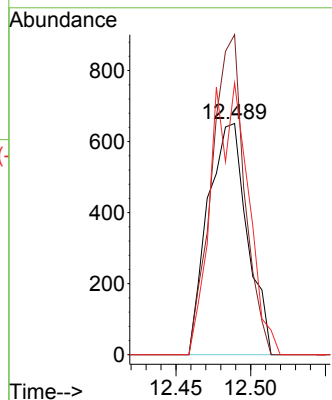
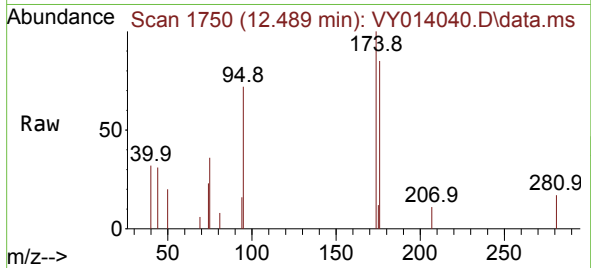




#62
4-Bromofluorobenzene
Concen: 37.780 ug/l
RT: 12.489 min Scan# 1188
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

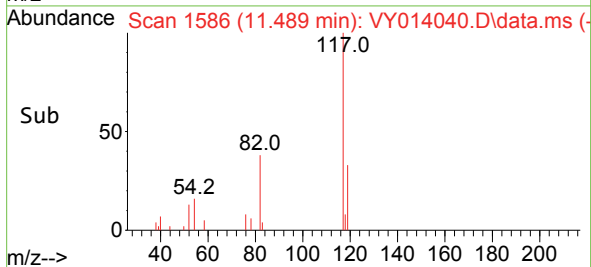
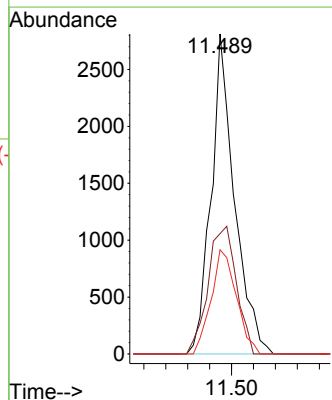
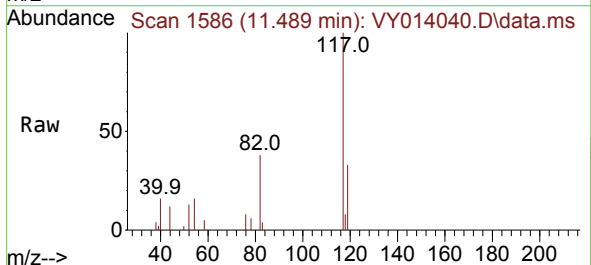
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

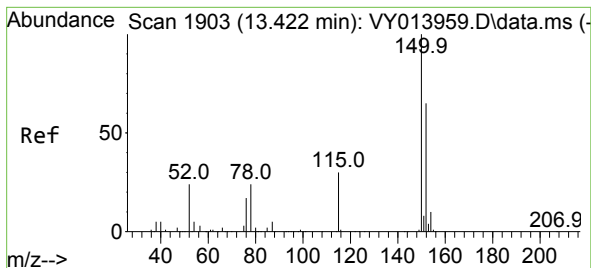
Tgt Ion:	95	Resp:	1188
Ion Ratio	Lower	Upper	
95	100		
174	115.4	0.0	178.2
176	111.1	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion:	117	Resp:	4167
Ion Ratio	Lower	Upper	
117	100		
82	37.6	43.4	65.0#
119	32.6	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014040.D

Acq: 06 Jun 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-5-7.0

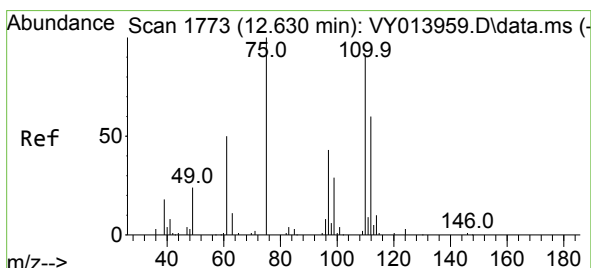
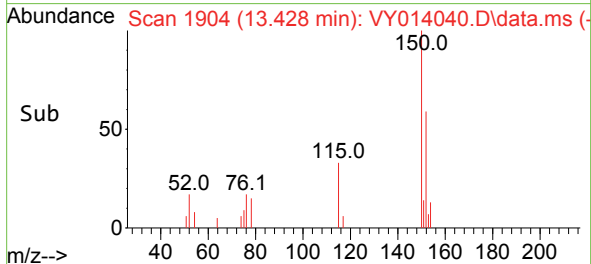
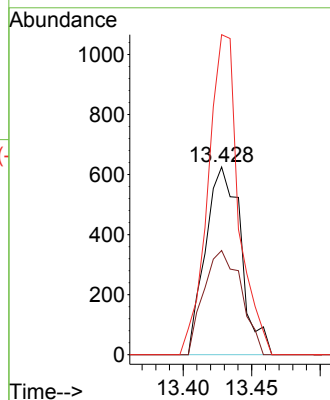
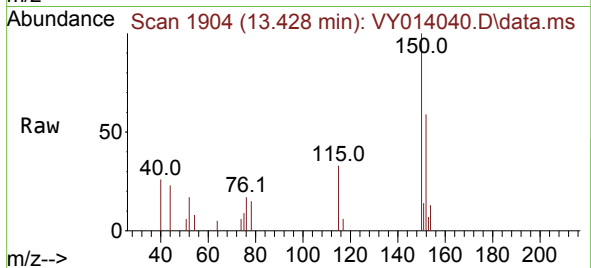
Tgt Ion:152 Resp: 1122

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 148.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 45.699 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014040.D

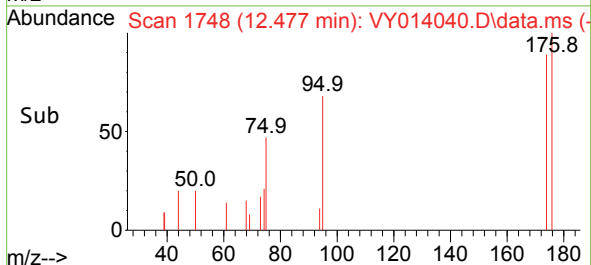
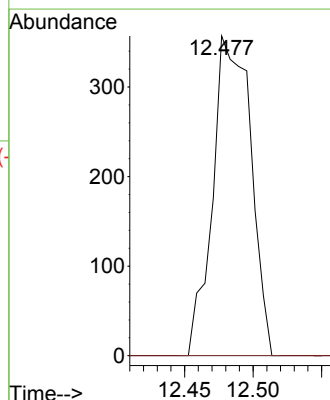
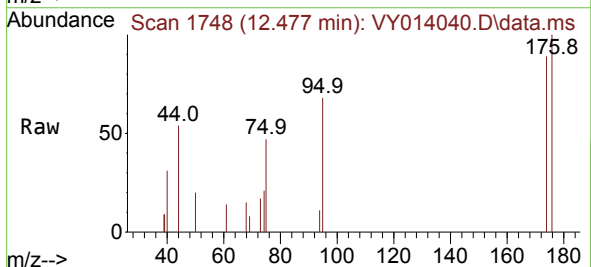
Acq: 06 Jun 2023 18:56

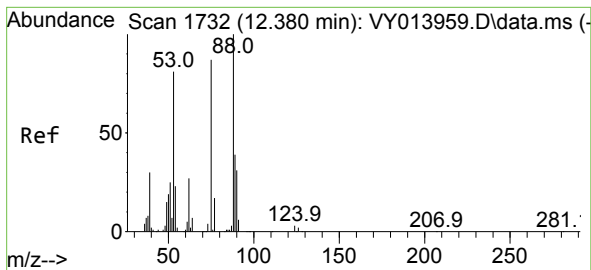
Tgt Ion: 75 Resp: 690

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.952 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY014040.D
 Acq: 06 Jun 2023 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5-7.0

Tgt Ion: 75 Resp: 690
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

