

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013979.D
 Acq On : 02 Jun 2023 10:48
 Operator : KP/MD
 Sample : VY0602SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

Quant Time: Jun 03 04:57:30 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)

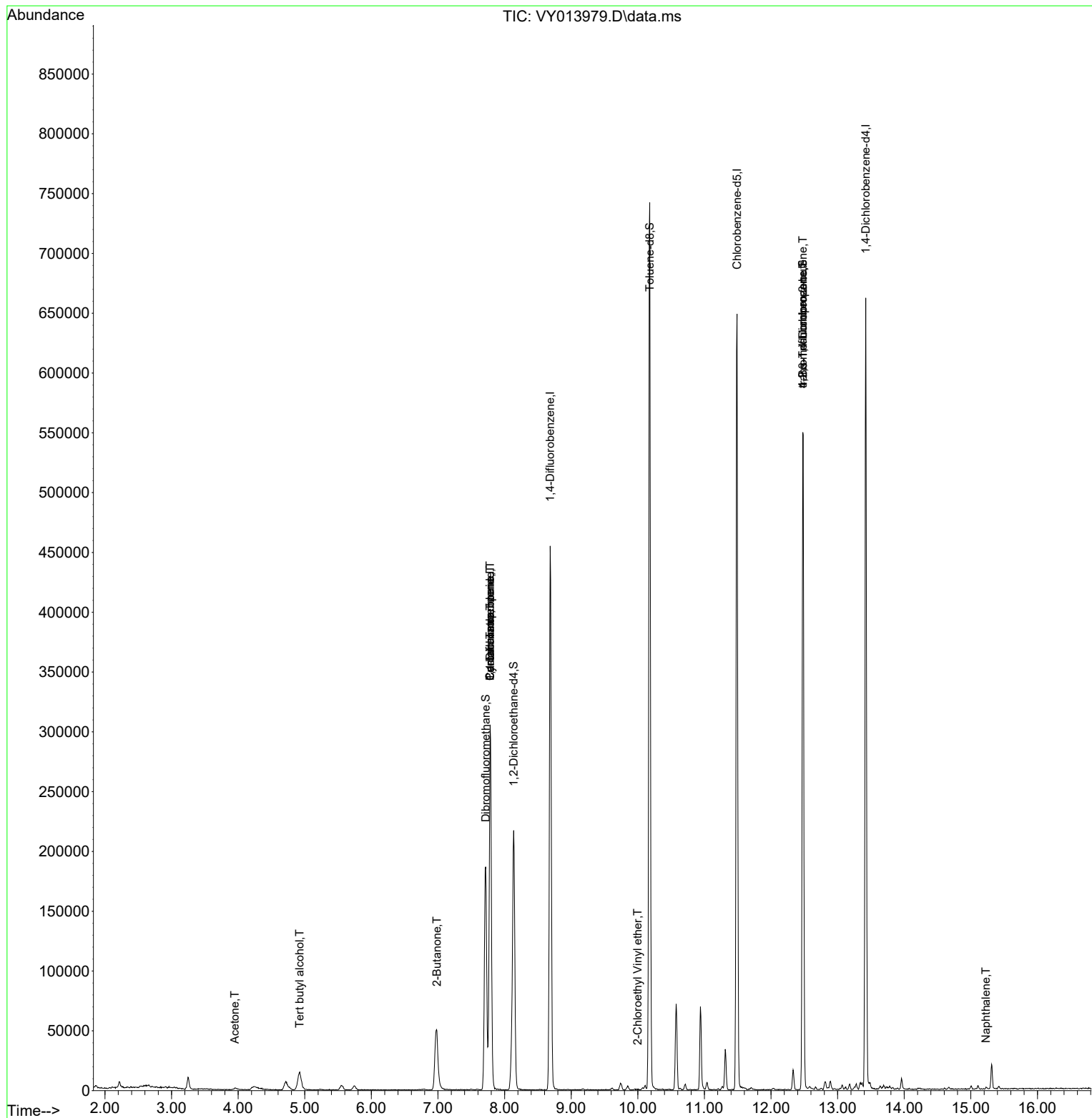
Internal Standards						
1) Pentafluorobenzene	7.783	168	230018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165416	54.326	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.660%		
35) Dibromofluoromethane	7.716	113	131825	55.503	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.000%		
50) Toluene-d8	10.179	98	477035	52.655	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 105.320%		
62) 4-Bromofluorobenzene	12.477	95	150333	48.674	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 97.340%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	13774	22.011	ug/l #	93
16) Acetone	3.948	43	3238	3.108	ug/l #	79
20) Methylene Chloride	4.716	84	4513	Below Cal		97
25) 2-Butanone	6.984	43	3353	2.584	ug/l #	88
31) Cyclohexane	7.783	56	5446	1.485	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	17973	5.312	ug/l #	50
38) Carbon Tetrachloride	7.783	117	22592	5.958	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.996	63	23	23.119	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	85048	39.353	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	85048	83.488	ug/l #	11
95) Naphthalene	15.227	128	1385	4.051	ug/l #	88

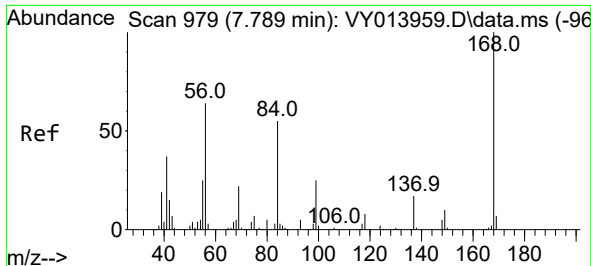
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
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Quant Time: Jun 03 04:57:30 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

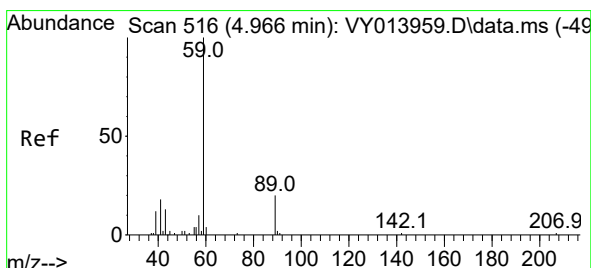
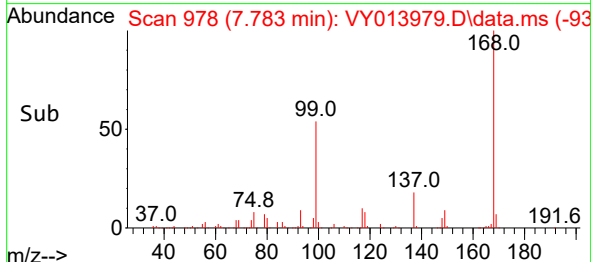
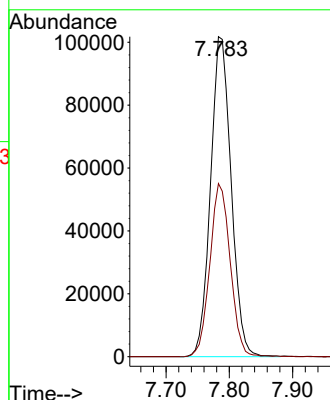
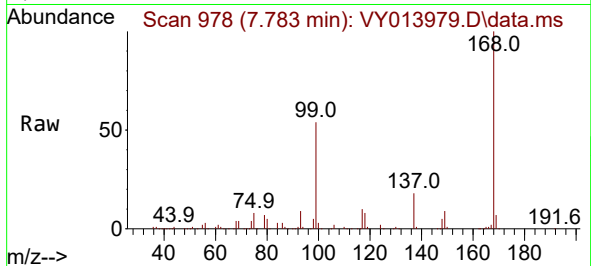




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

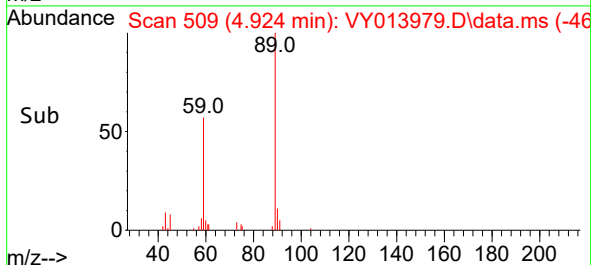
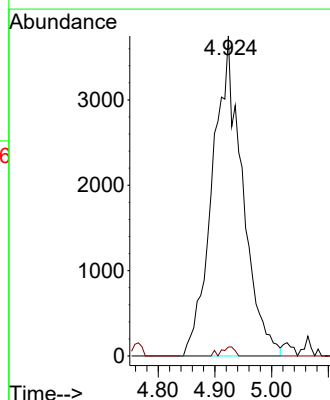
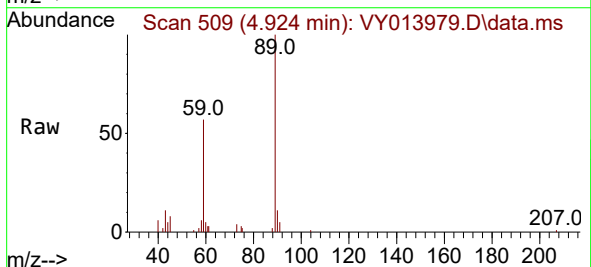
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

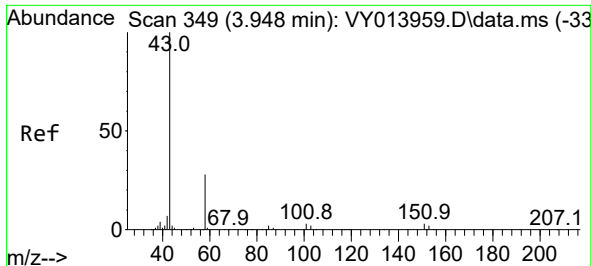
Tgt Ion:168 Resp: 230018
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 22.011 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 59 Resp: 13774
Ion Ratio Lower Upper
59 100
57 1.3 3.0 4.4#

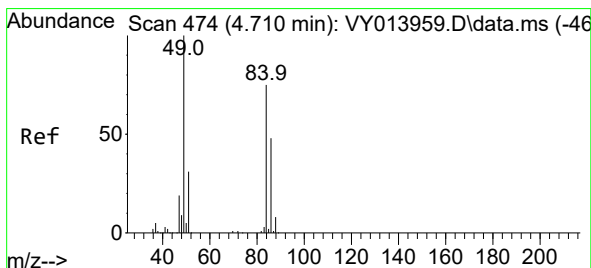
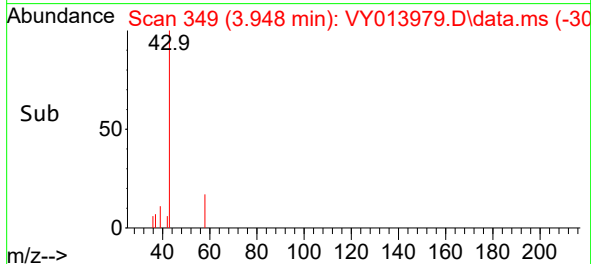
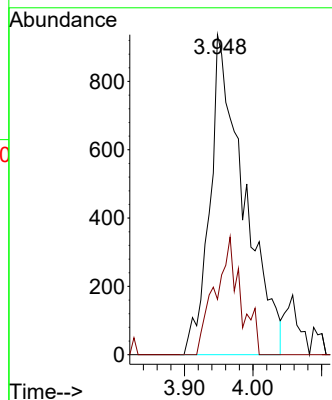
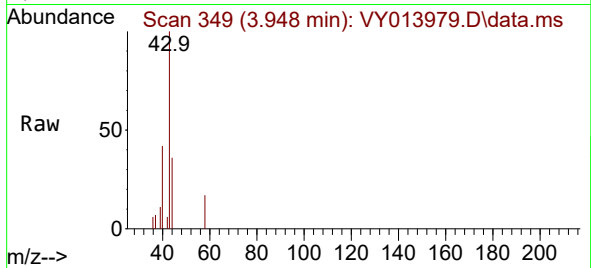




#16
Acetone
Concen: 3.108 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

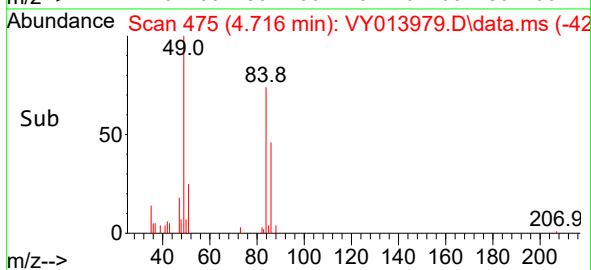
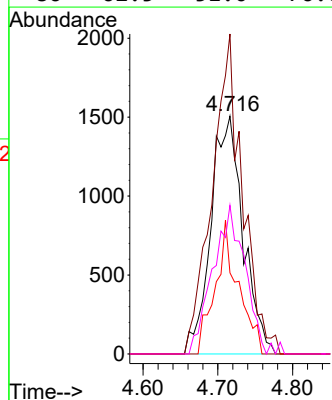
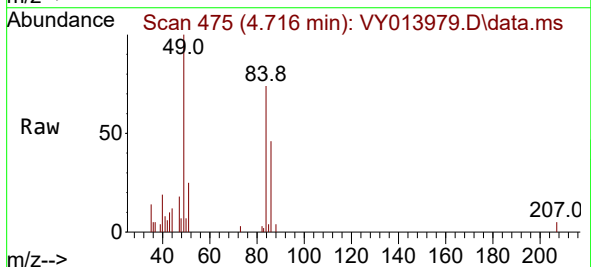
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

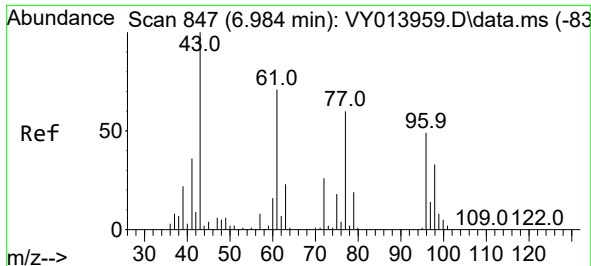
Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
58 17.3 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 84 Resp: 4513
Ion Ratio Lower Upper
84 100
49 134.6 106.9 160.3
51 34.1 33.2 49.8
86 62.5 51.0 76.6

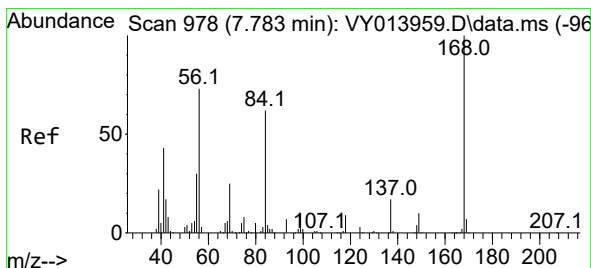
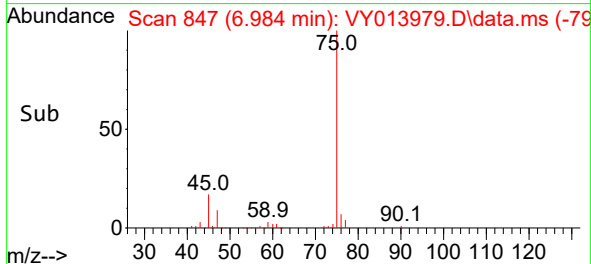
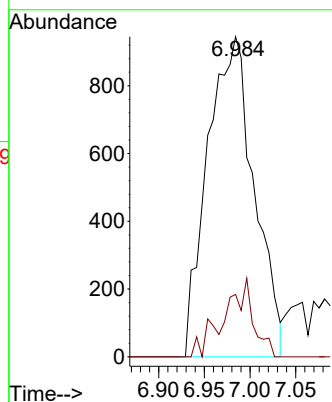
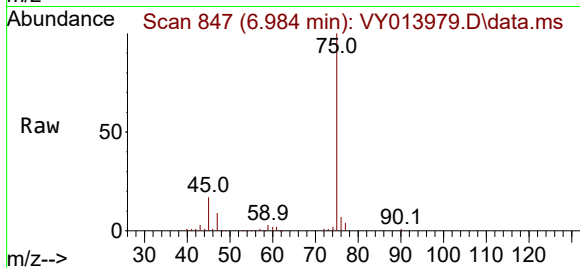




#25
2-Butanone
Concen: 2.584 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

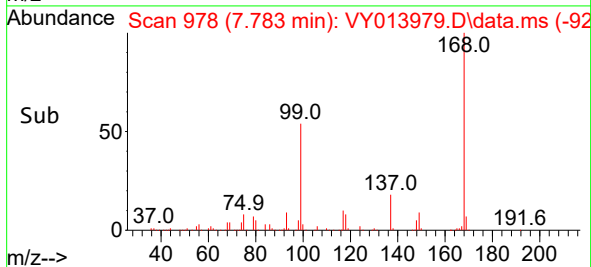
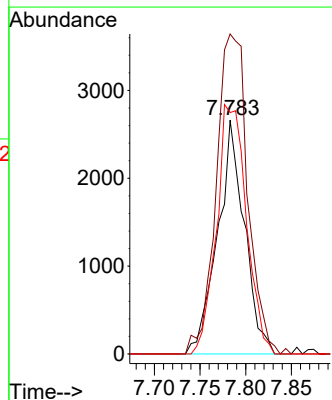
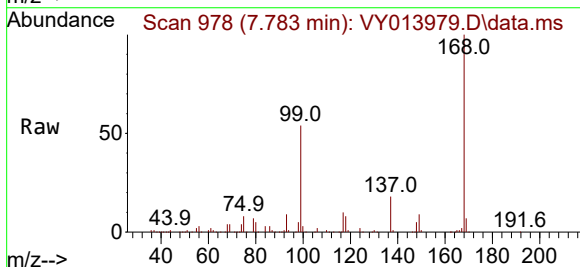
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

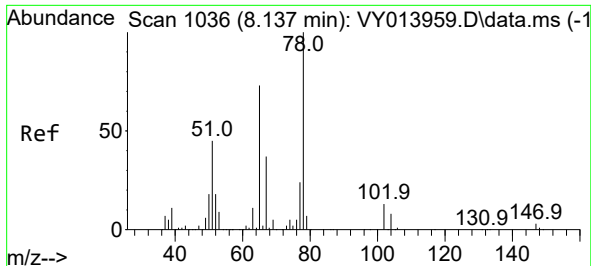
Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
72 19.5 20.5 30.7#



#31
Cyclohexane
Concen: 1.485 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 56 Resp: 5446
Ion Ratio Lower Upper
56 100
69 136.9 27.8 41.6#
84 103.3 66.4 99.6#

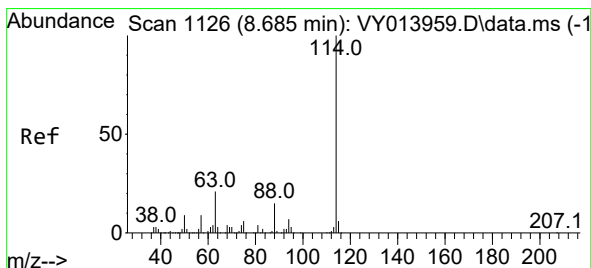
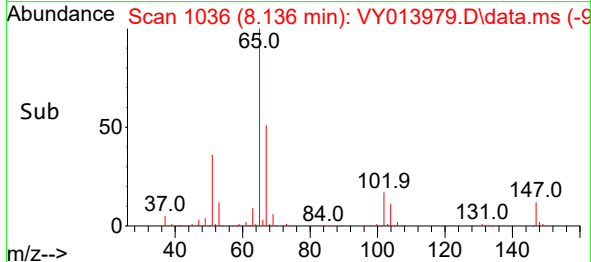
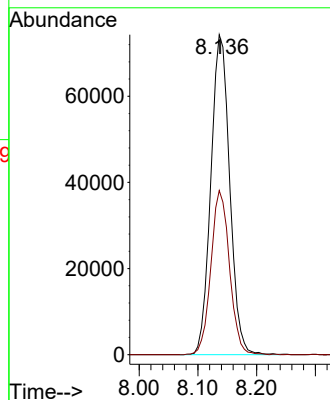
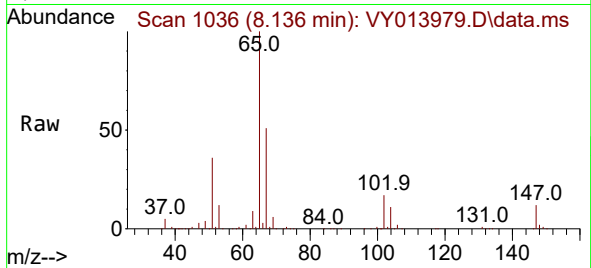




#33
 1,2-Dichloroethane-d4
 Concen: 54.326 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY013979.D
 Acq: 02 Jun 2023 10:48

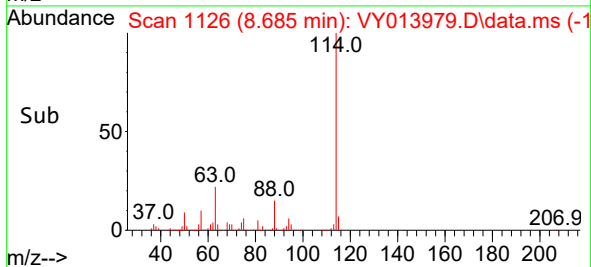
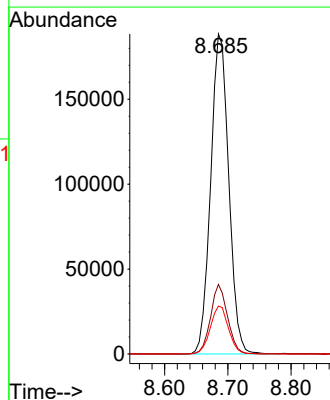
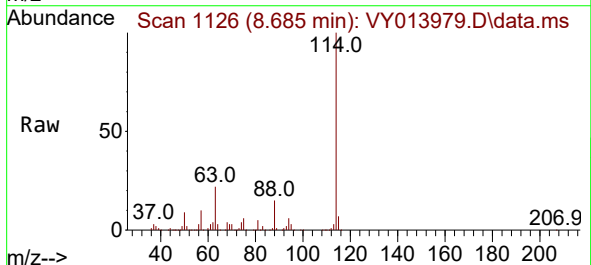
Instrument :
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 ClientSampleId :
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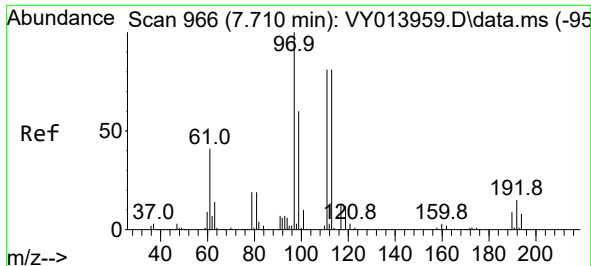
Tgt Ion: 65 Resp: 165416
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013979.D
 Acq: 02 Jun 2023 10:48

Tgt Ion: 114 Resp: 373727
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.4
 88 14.9 0.0 30.6

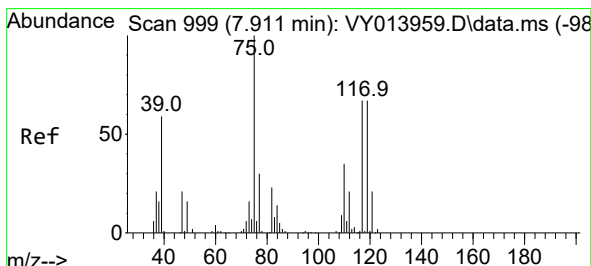
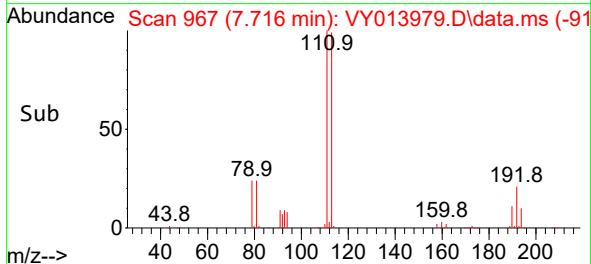
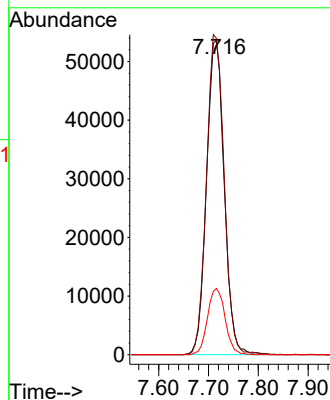
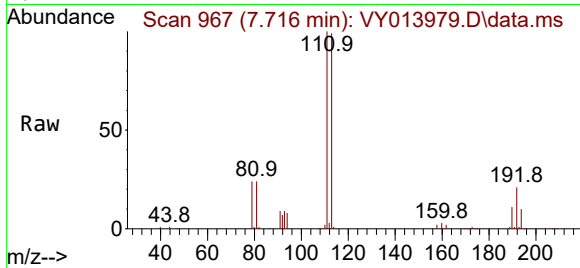




#35
Dibromofluoromethane
Concen: 55.503 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

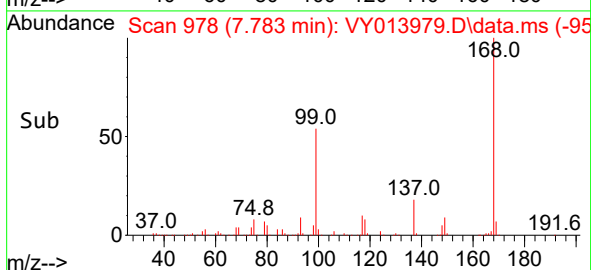
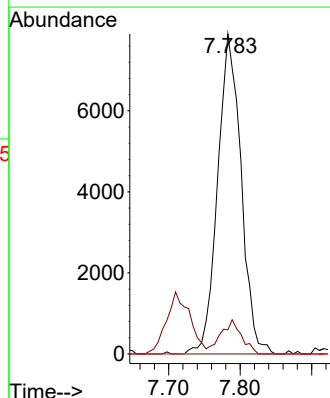
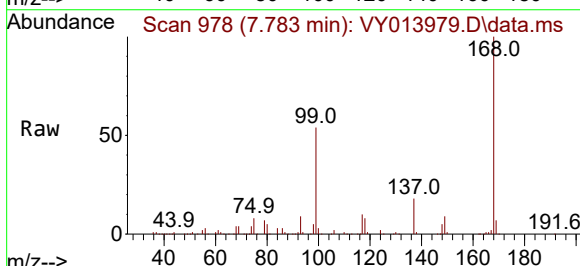
Instrument :
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ClientSampleId :
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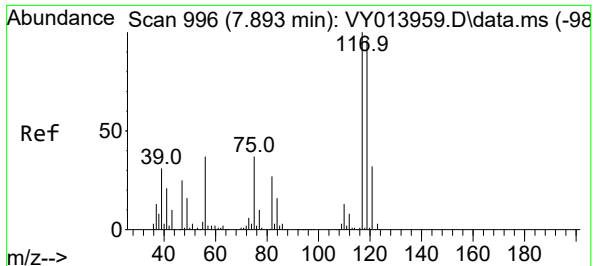
Tgt Ion:113 Resp: 131825
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.312 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 75 Resp: 17973
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#

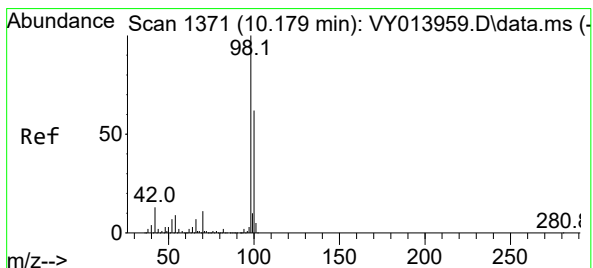
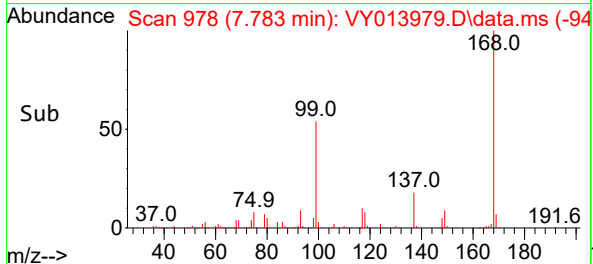
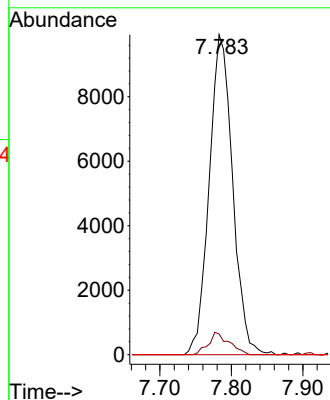
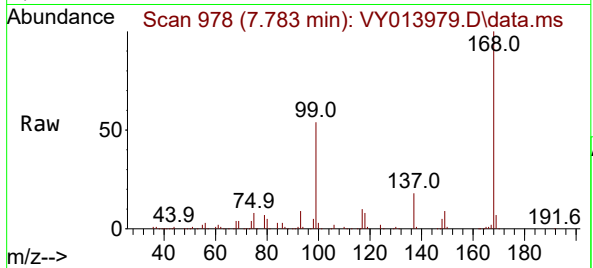




#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

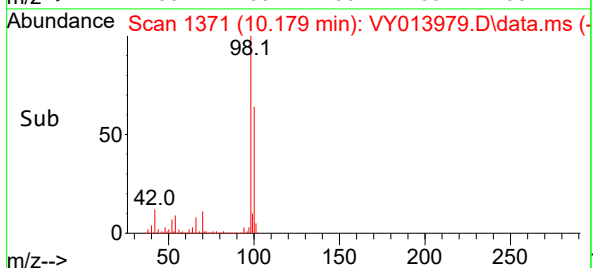
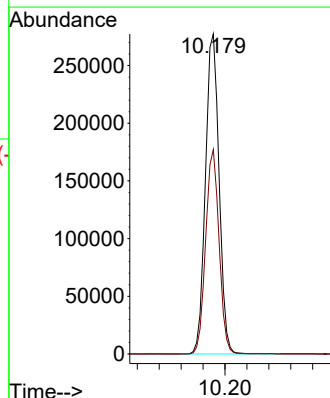
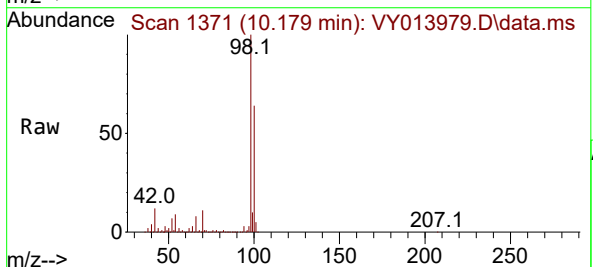
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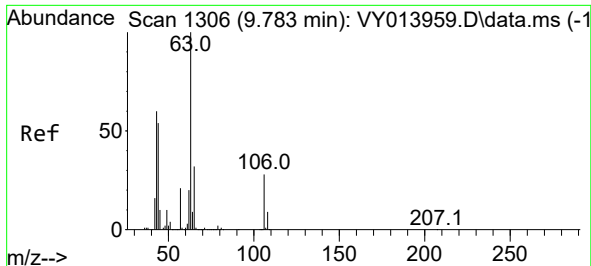
Tgt Ion:117 Resp: 22592
Ion Ratio Lower Upper
117 100
119 6.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.655 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 98 Resp: 477035
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

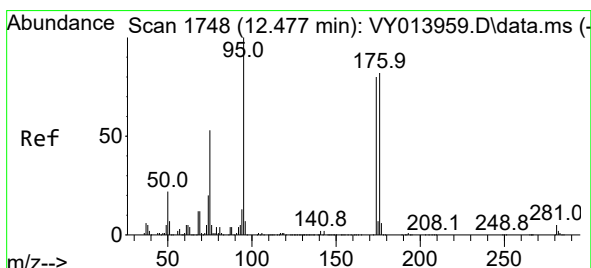
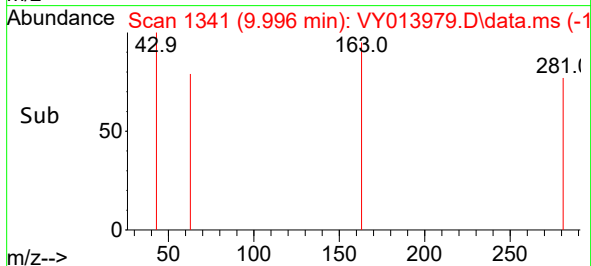
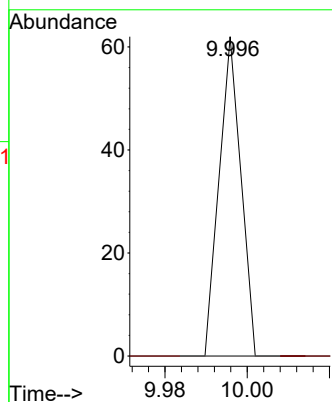
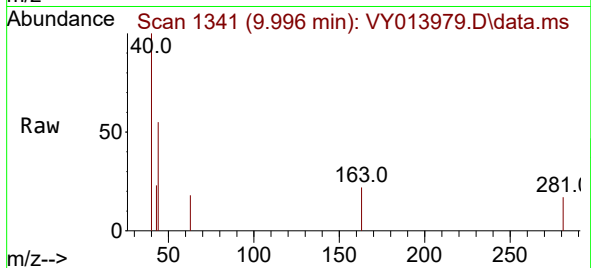




#58
2-Chloroethyl Vinyl ether
Concen: 23.119 ug/l
RT: 9.996 min Scan# 1341
Delta R.T. 0.213 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

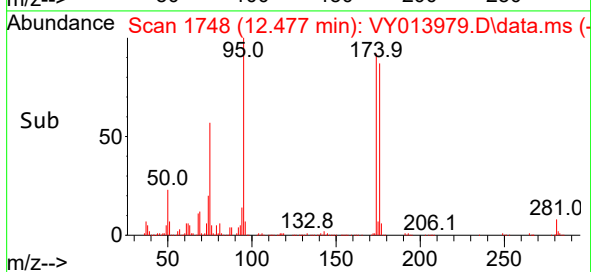
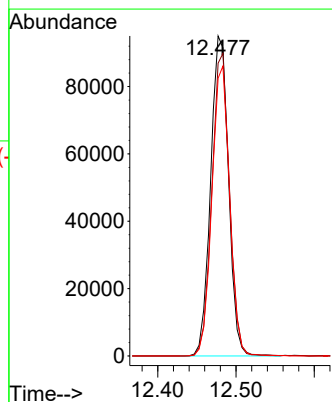
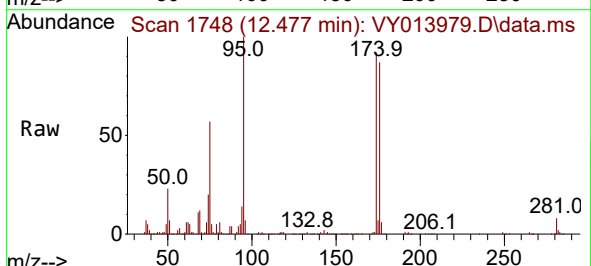
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

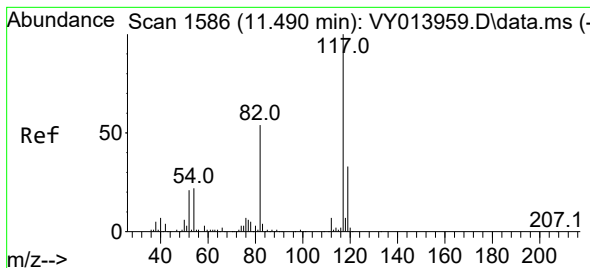
Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 48.674 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 95 Resp: 150333
Ion Ratio Lower Upper
95 100
174 93.9 0.0 178.2
176 89.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013979.D

Acq: 02 Jun 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBL01

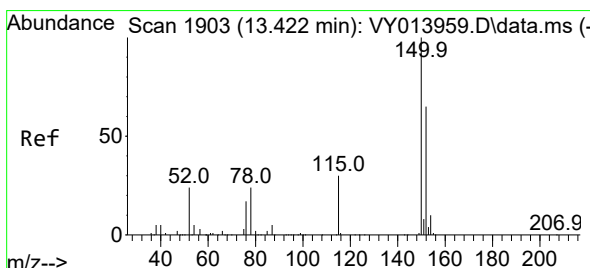
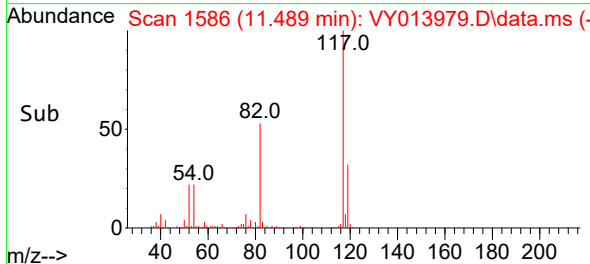
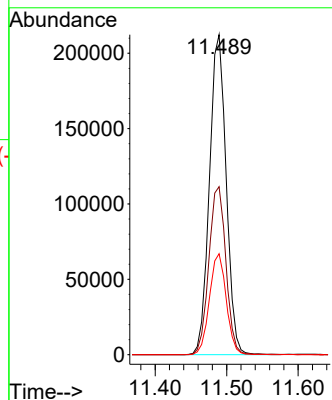
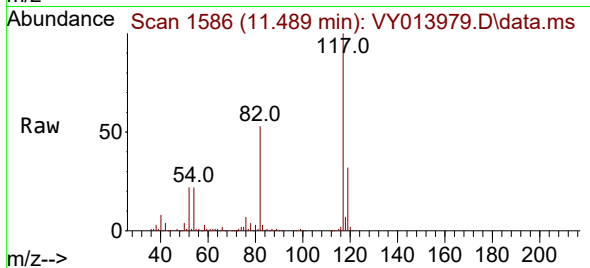
Tgt Ion:117 Resp: 345017

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013979.D

Acq: 02 Jun 2023 10:48

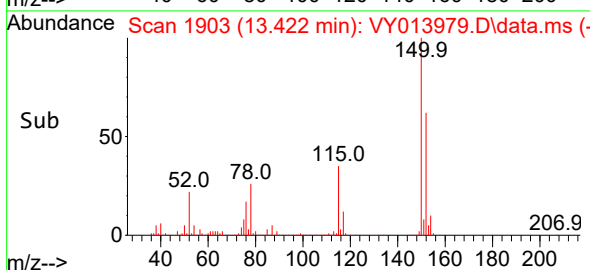
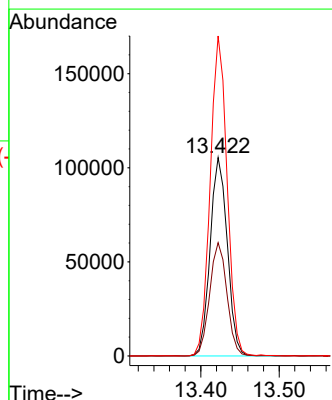
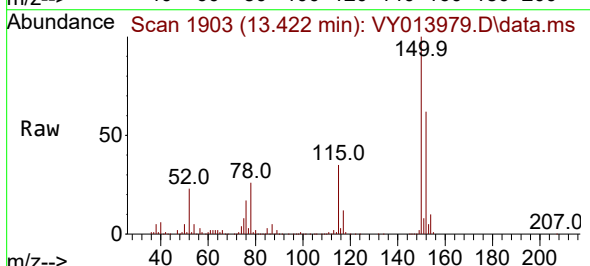
Tgt Ion:152 Resp: 160597

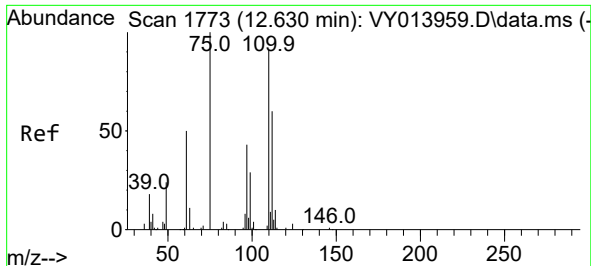
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.2 0.0 348.8

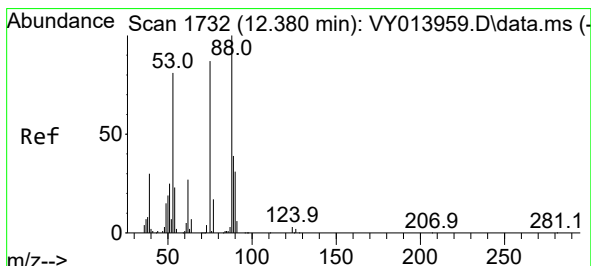
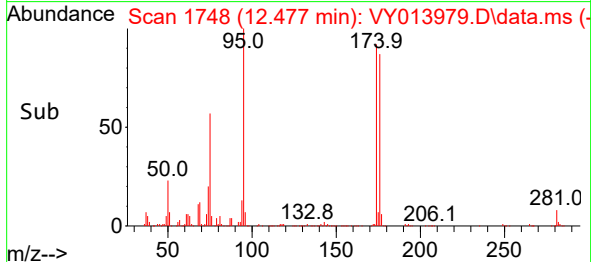
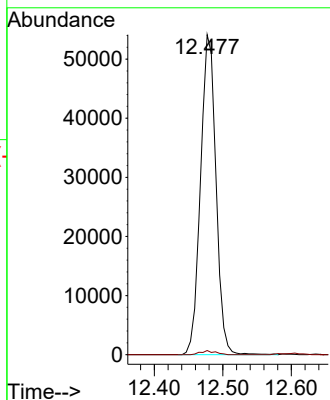
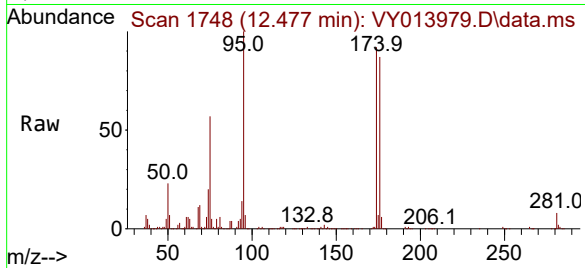




#76
1,2,3-Trichloropropane
Concen: 39.353 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

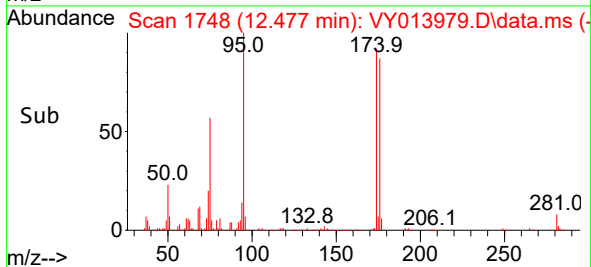
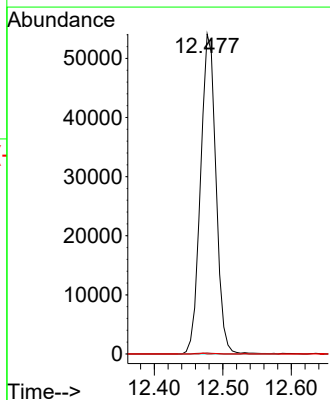
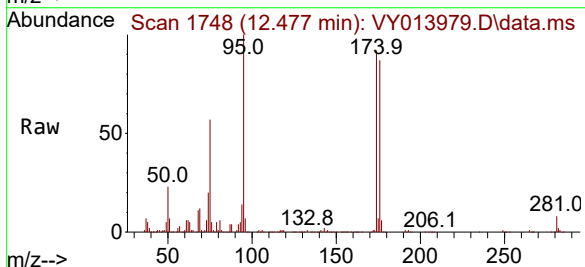
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

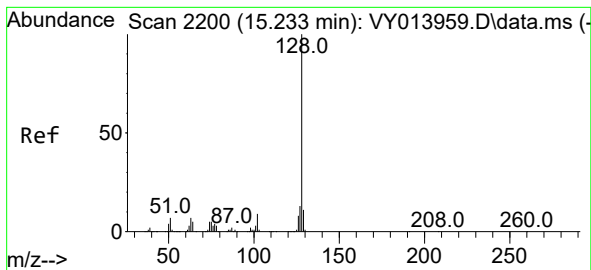
Tgt Ion: 75 Resp: 85048
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.488 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

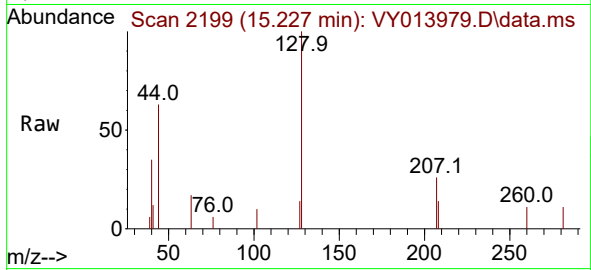
Tgt Ion: 75 Resp: 85048
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 4.051 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01



Tgt Ion:128 Resp: 1385
Ion Ratio Lower Upper
128 100
127 17.4 10.8 16.2#
129 5.3 8.6 13.0#

