

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014179.D
 Acq On : 15 Jun 2023 11:12
 Operator : KP/MD
 Sample : VY0615SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBL01

Quant Time: Jun 16 02:04:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

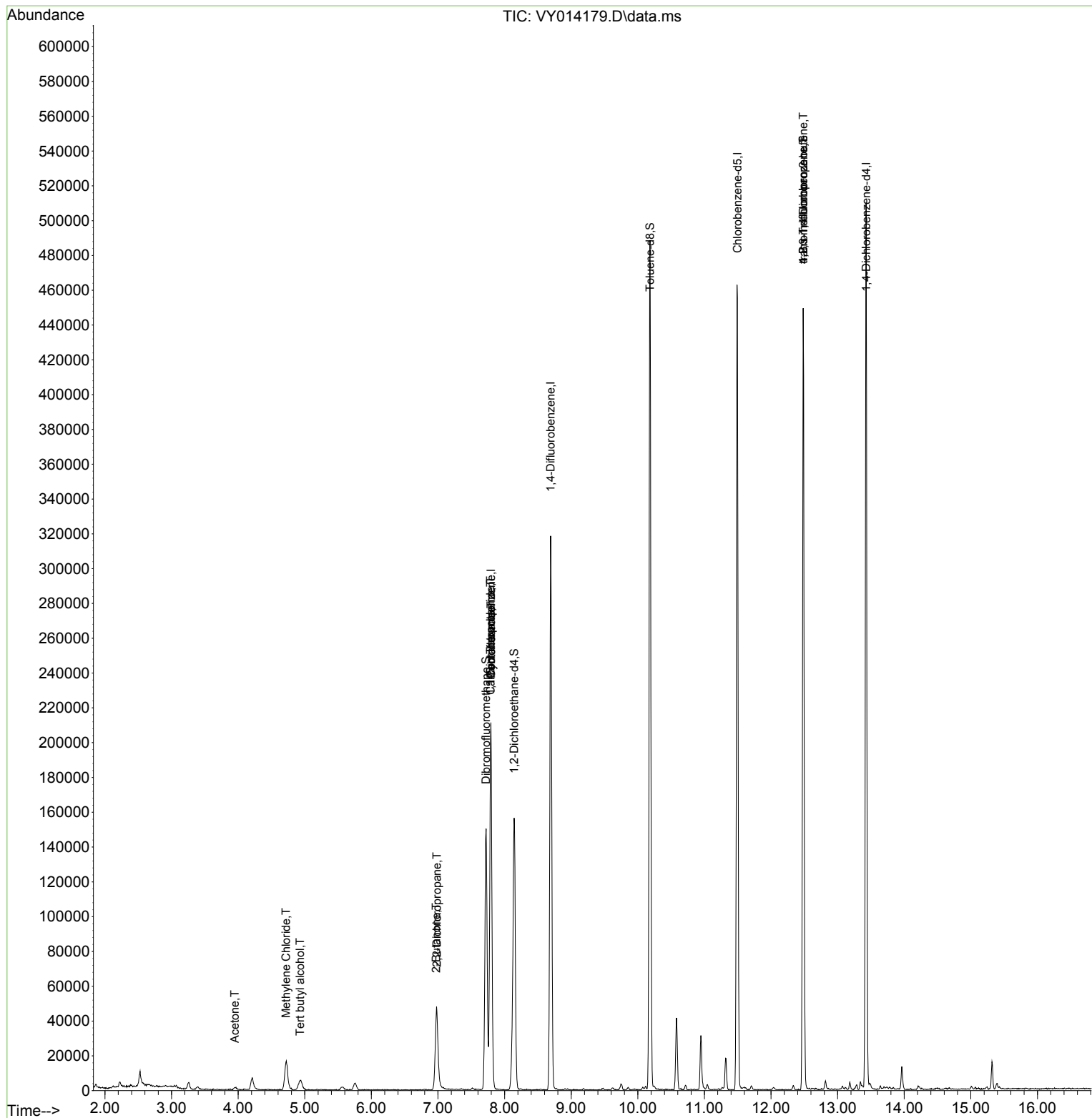
Internal Standards						
1) Pentafluorobenzene	7.795	168	162576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	260204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	251001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124623	55.048	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.100%			
35) Dibromofluoromethane	7.722	113	100776	54.612	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.220%			
50) Toluene-d8	10.185	98	323775	46.932	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.860%			
62) 4-Bromofluorobenzene	12.483	95	115412	47.094	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	5912	2.252	ug/l #	89
16) Acetone	3.948	43	2485	3.642	ug/l	96
20) Methylene Chloride	4.716	84	11528	1.838	ug/l	97
25) 2-Butanone	6.972	43	3205	3.815	ug/l #	69
26) 2,2-Dichloropropane	6.984	77	3636	1.042	ug/l #	54
31) Cyclohexane	7.795	56	3662	1.207	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12550	4.362	ug/l #	52
38) Carbon Tetrachloride	7.789	117	15843	4.772	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	65753	39.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65753	85.778	ug/l #	11

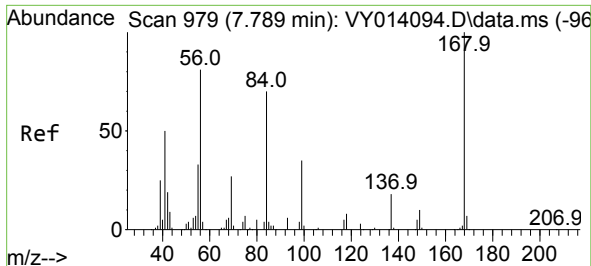
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
Data File : VY014179.D
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VY0615SBL01

Quant Time: Jun 16 02:04:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

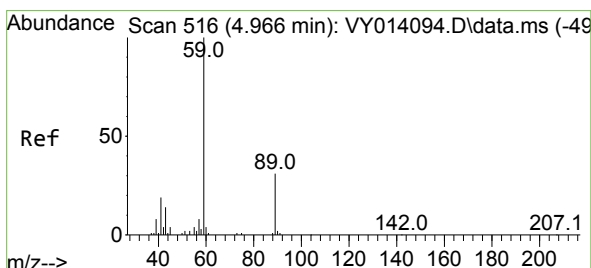
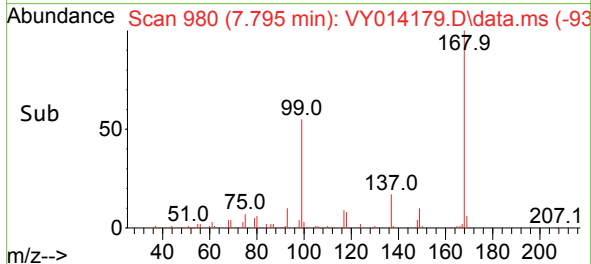
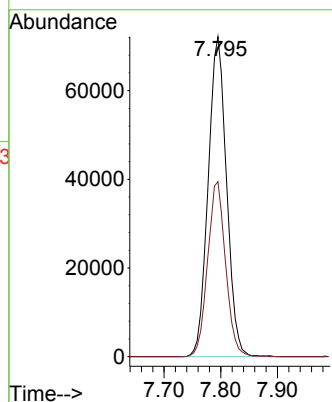
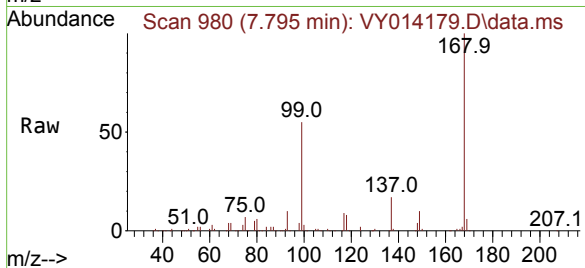




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

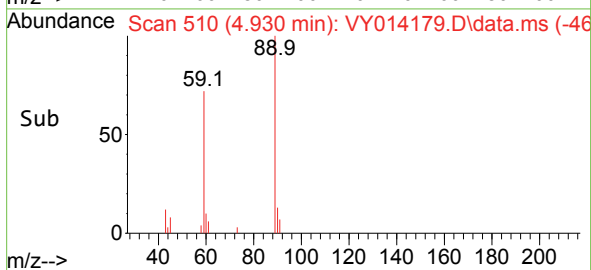
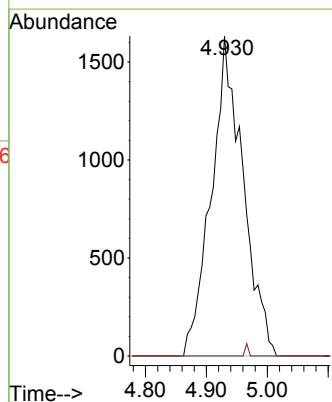
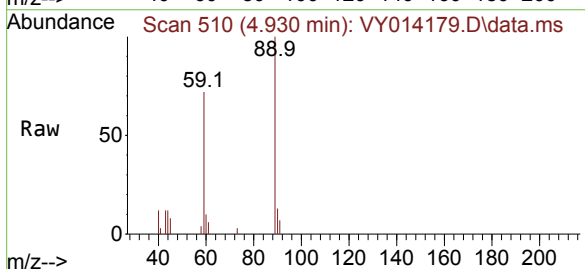
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

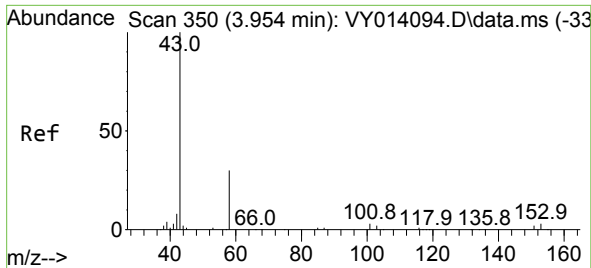
Tgt Ion:168 Resp: 162576
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.252 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion: 59 Resp: 5912
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

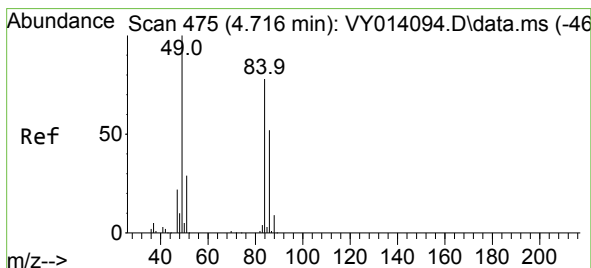
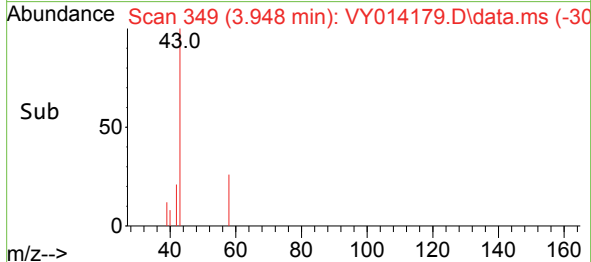
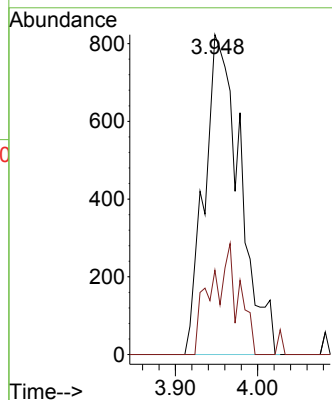
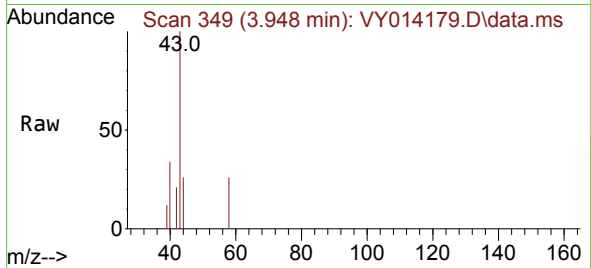




#16
Acetone
Concen: 3.642 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

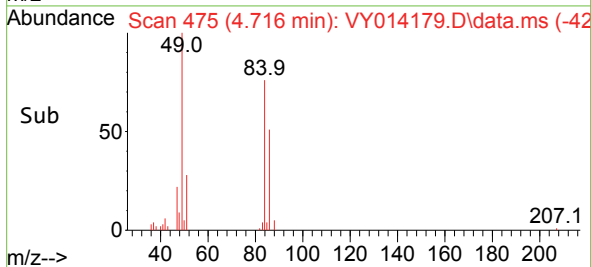
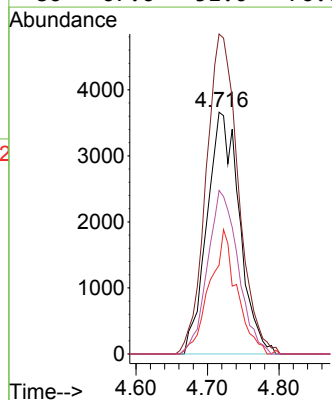
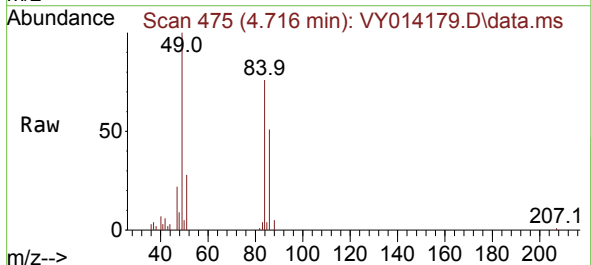
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

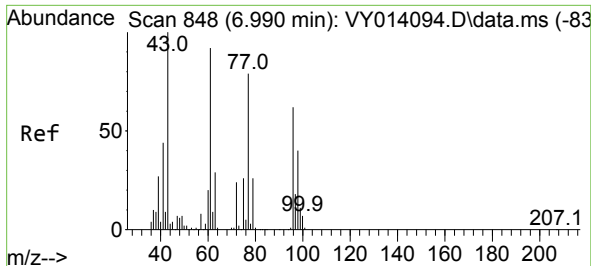
Tgt Ion: 43 Resp: 2485
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1



#20
Methylene Chloride
Concen: 1.838 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion: 84 Resp: 11528
Ion Ratio Lower Upper
84 100
49 132.4 106.9 160.3
51 36.7 33.2 49.8
86 67.6 51.0 76.6

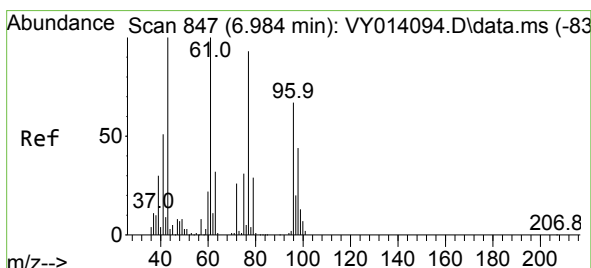
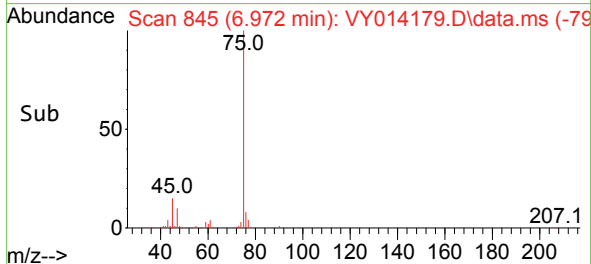
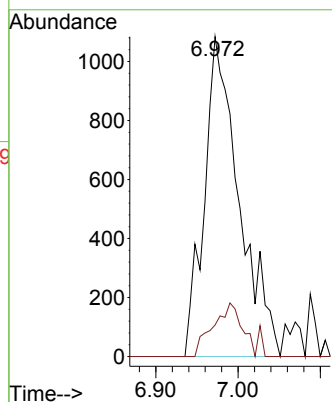
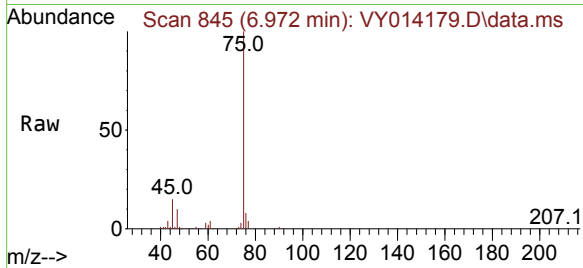




#25
2-Butanone
Concen: 3.815 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

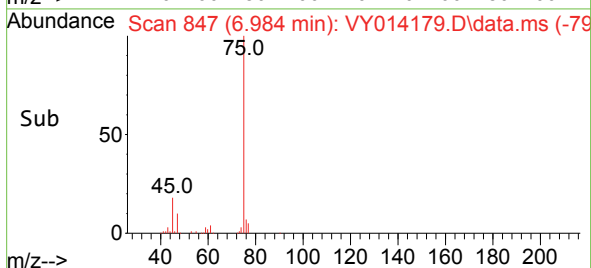
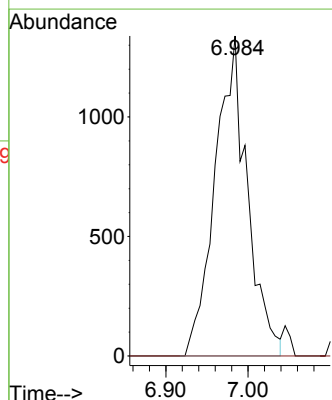
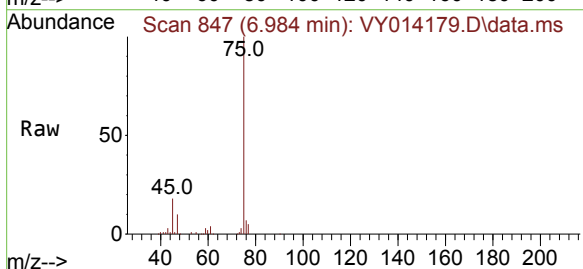
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

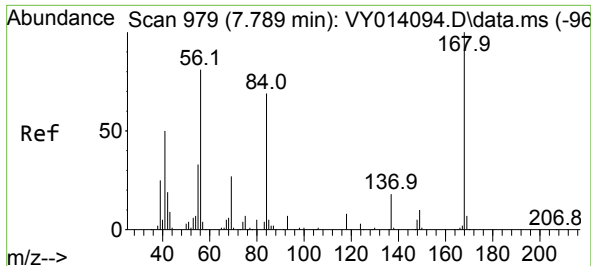
Tgt Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
72 9.9 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.042 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion: 77 Resp: 3636
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

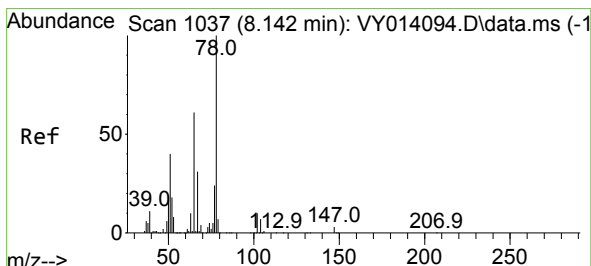
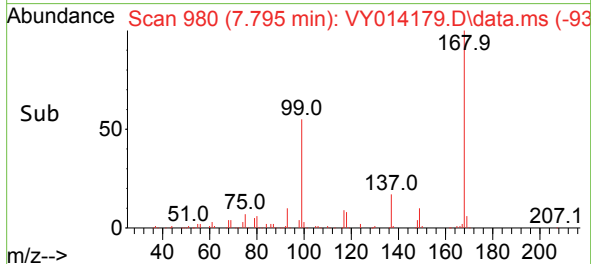
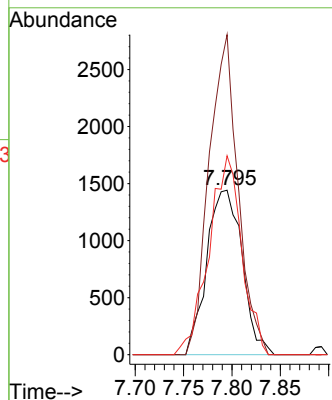
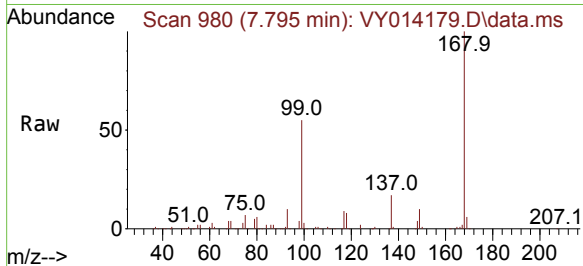




#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

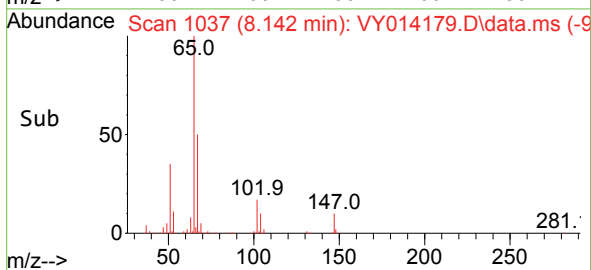
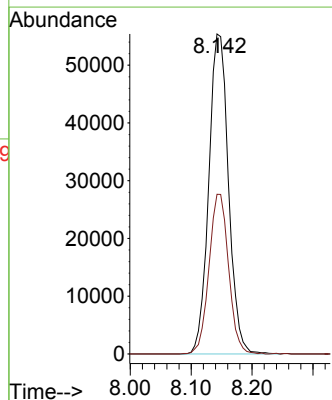
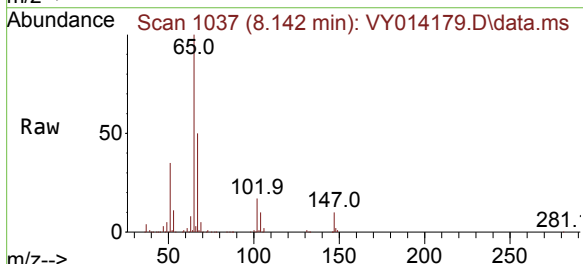
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

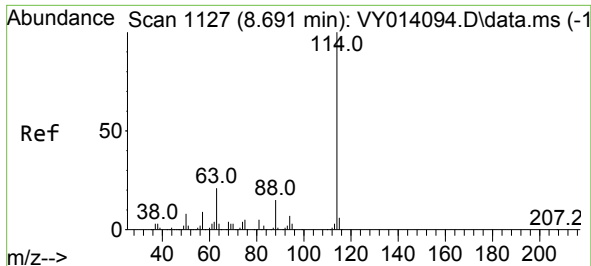
Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 194.5 27.8 41.6#
84 120.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.048 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion: 65 Resp: 124623
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

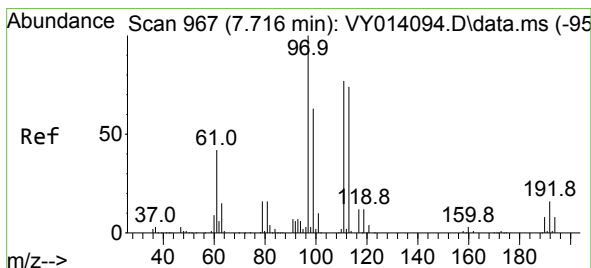
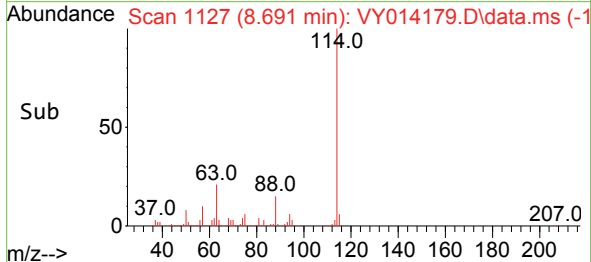
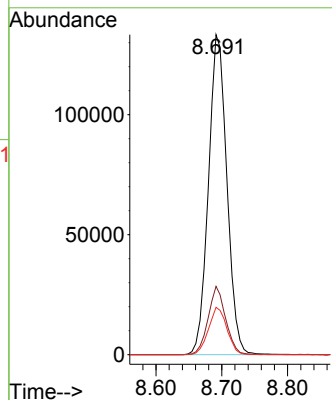
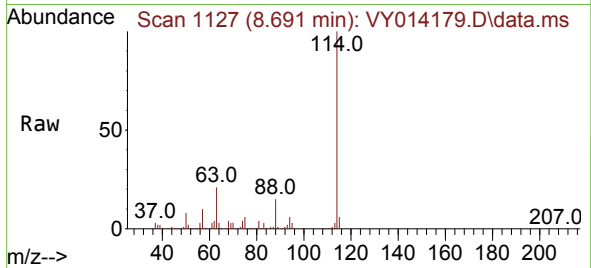




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

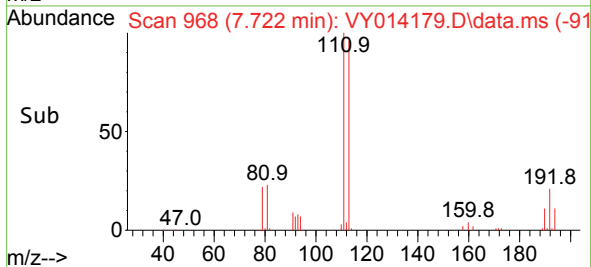
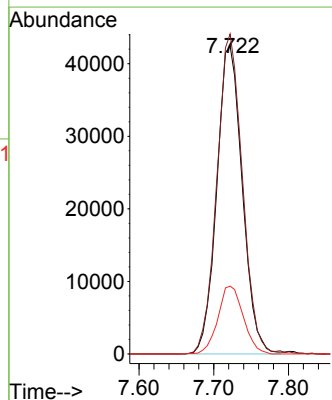
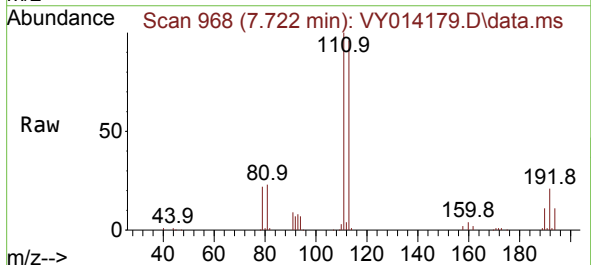
Instrument :
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ClientSampleId :
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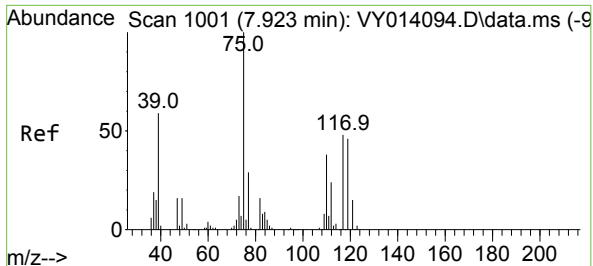
Tgt Ion:114 Resp: 260204
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.612 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion:113 Resp: 100776
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 22.0 16.9 25.3

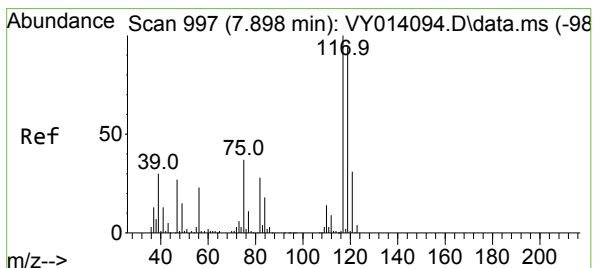
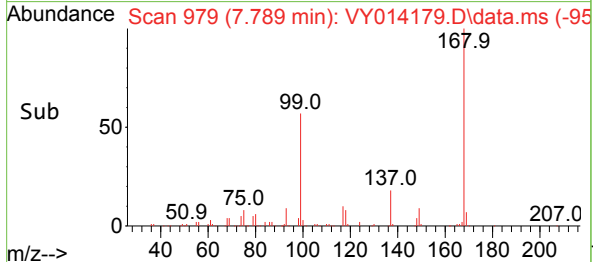
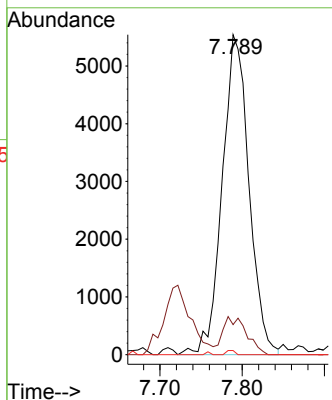
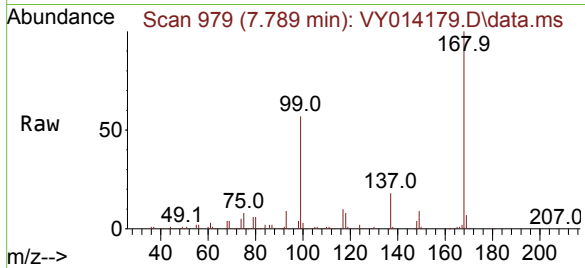




#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

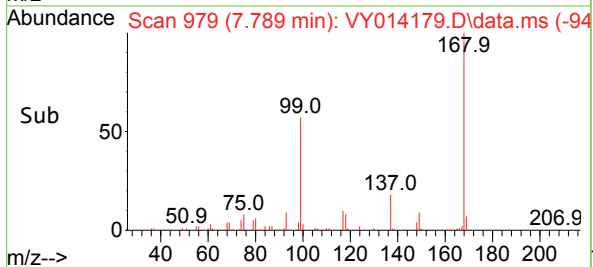
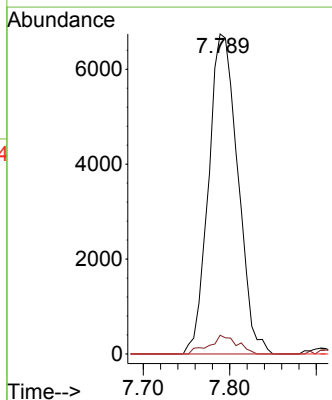
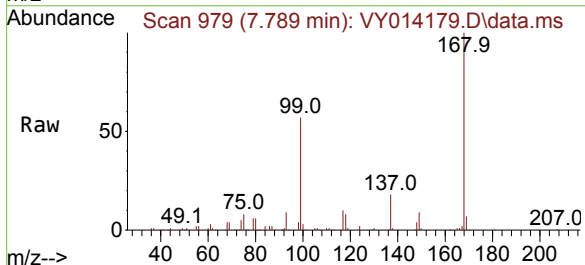
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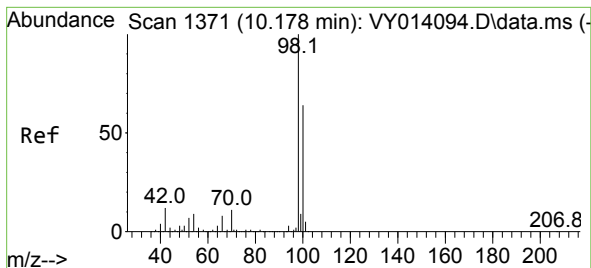
Tgt Ion: 75 Resp: 12550
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.5#
77 0.4 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.772 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion:117 Resp: 15843
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#

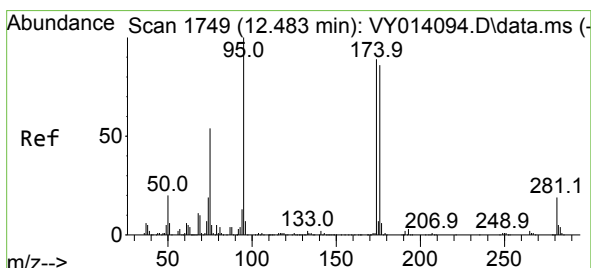
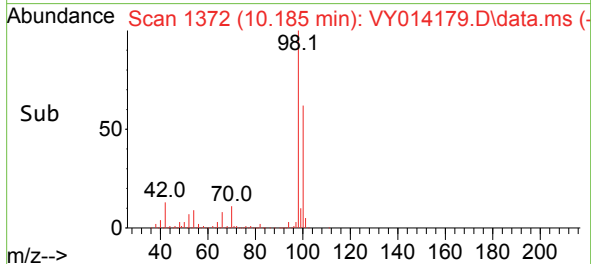
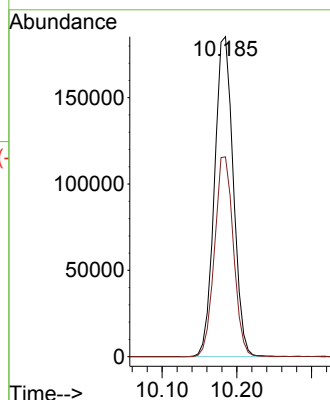
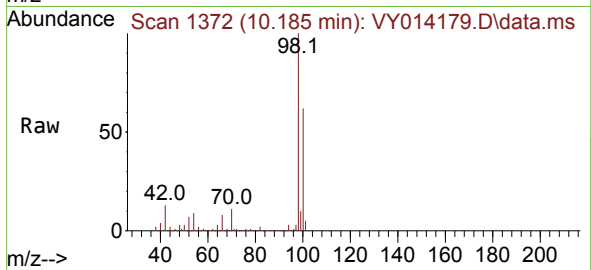




#50
Toluene-d8
Concen: 46.932 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

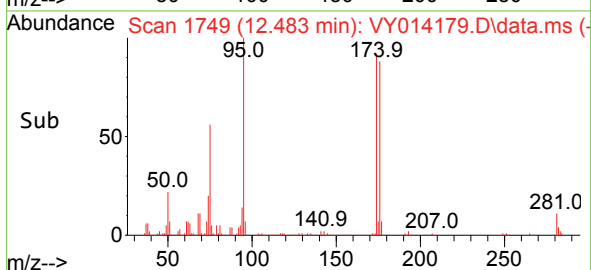
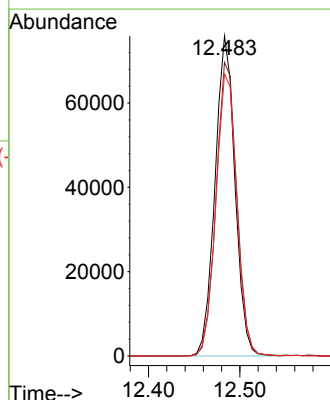
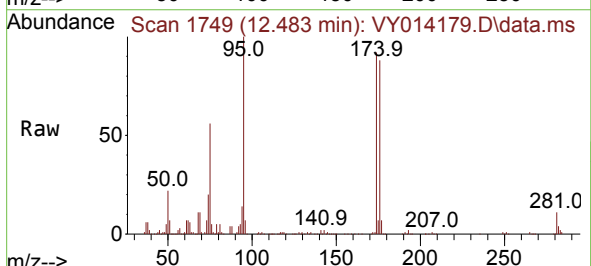
Instrument :
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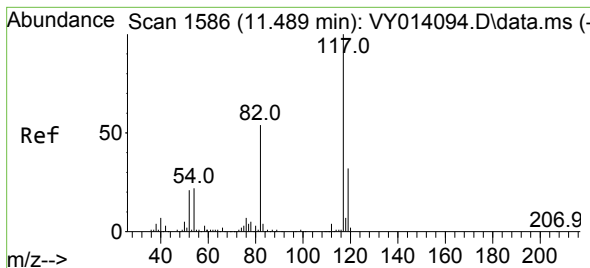
Tgt Ion: 98 Resp: 323775
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion: 95 Resp: 115412
Ion Ratio Lower Upper
95 100
174 95.2 0.0 178.2
176 92.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014179.D

Acq: 15 Jun 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBL01

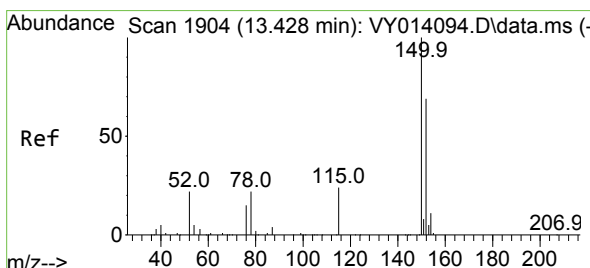
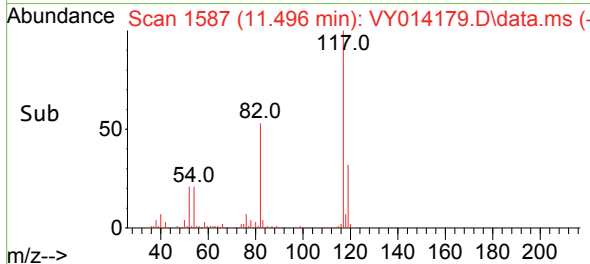
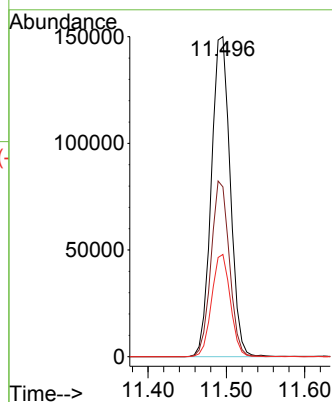
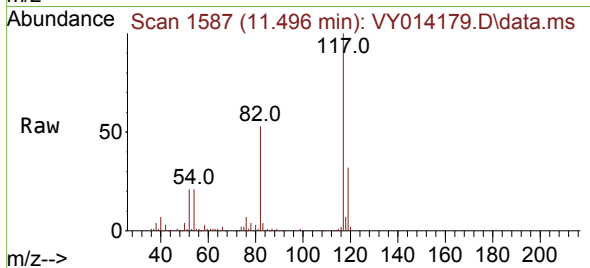
Tgt Ion:117 Resp: 251001

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014179.D

Acq: 15 Jun 2023 11:12

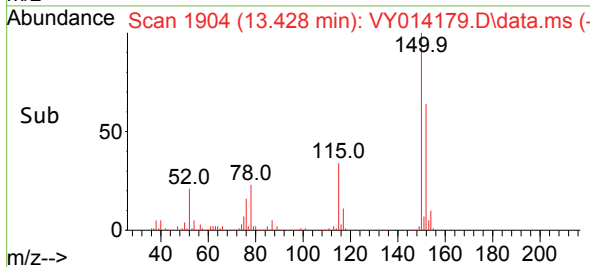
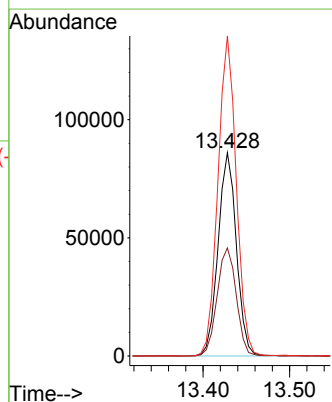
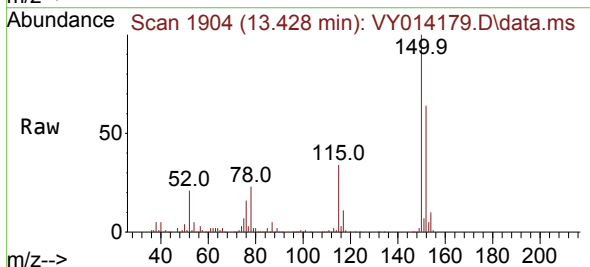
Tgt Ion:152 Resp: 126297

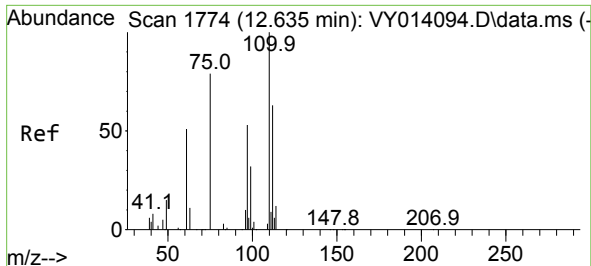
Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 157.5 0.0 348.8

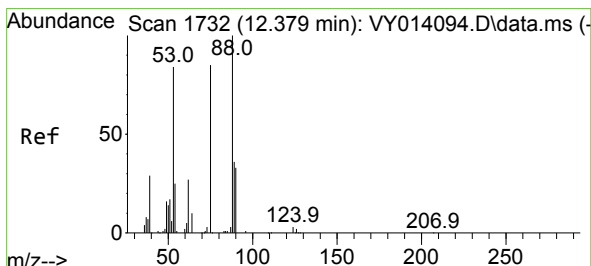
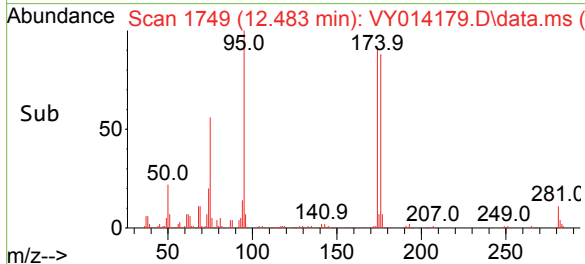
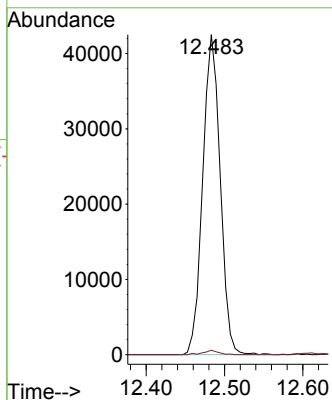
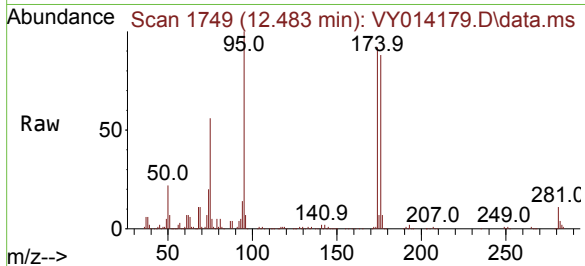




#76
1,2,3-Trichloropropane
Concen: 39.682 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBL01

Tgt Ion: 75 Resp: 65753
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014179.D
Acq: 15 Jun 2023 11:12

Tgt Ion: 75 Resp: 65753
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

