

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012480.D
 Acq On : 03 Feb 2023 16:24
 Operator : KP/MD
 Sample : 01414-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:11:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

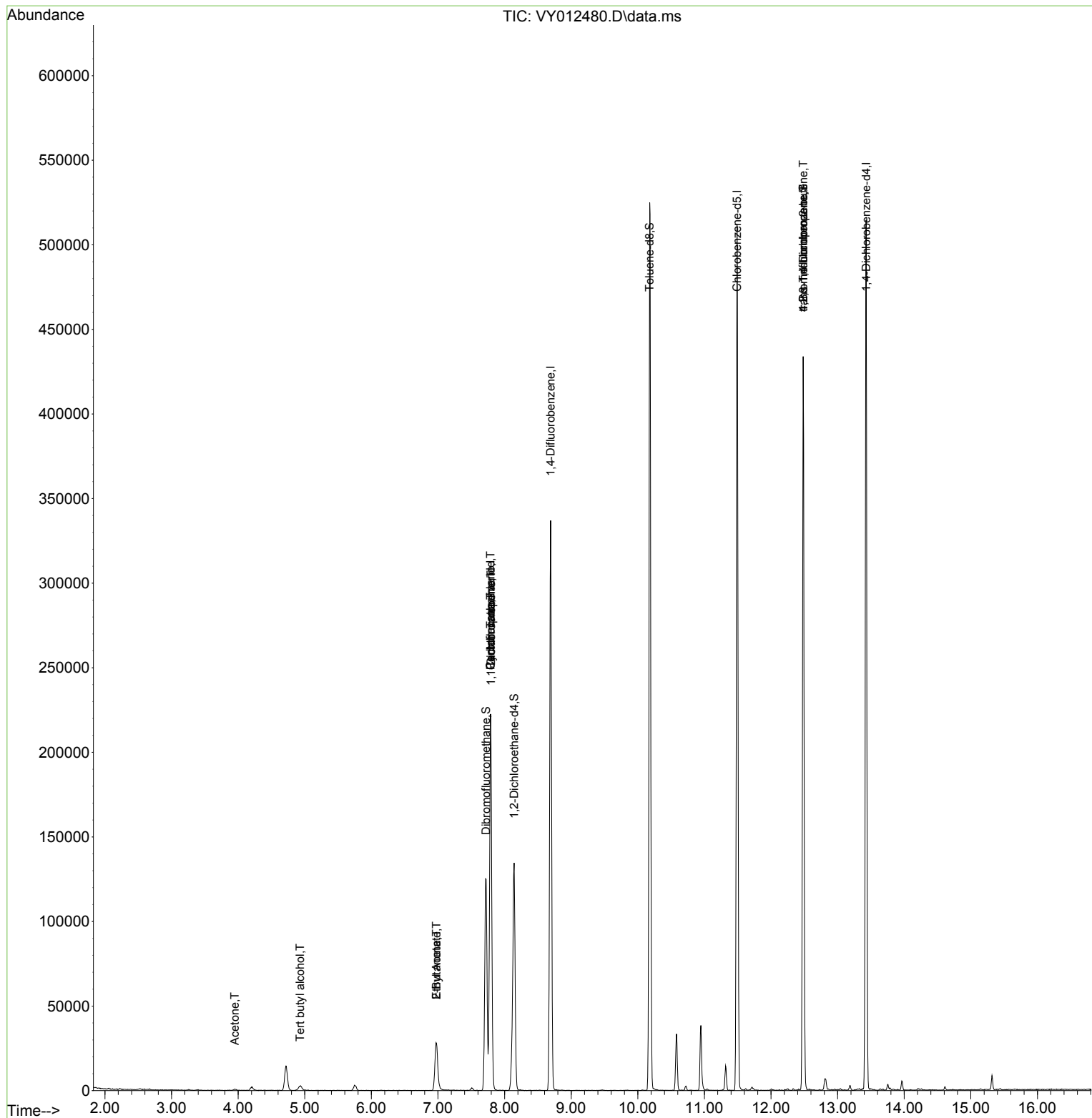
Internal Standards						
1) Pentafluorobenzene	7.789	168	175925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	102948	72.357	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 144.720%		
35) Dibromofluoromethane	7.721	113	87452	55.504	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.000%		
50) Toluene-d8	10.178	98	353560	66.165	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 132.340%		
62) 4-Bromofluorobenzene	12.483	95	120601	54.298	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.600%		
Target Compounds						
11) Tert butyl alcohol	4.929	59	3078	5.758	ug/l #	74
16) Acetone	3.948	43	1285	2.623	ug/l	93
20) Methylene Chloride	4.716	84	11906	Below Cal		87
25) 2-Butanone	6.978	43	1427	2.639	ug/l #	83
31) Cyclohexane	7.789	56	3161	1.232	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	11783	4.400	ug/l #	50
37) Ethyl Acetate	6.978	43	1427	1.209	ug/l #	1
38) Carbon Tetrachloride	7.789	117	17232	4.983	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	64232	50.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64232	104.468	ug/l #	13

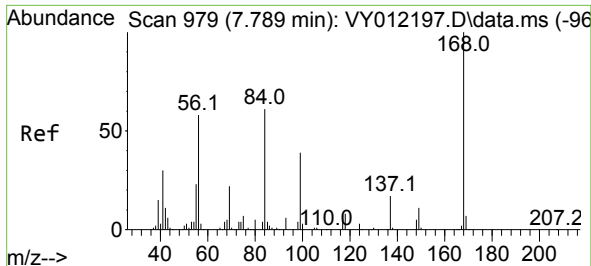
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
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ClientSampleId :

Quant Time: Feb 04 00:11:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

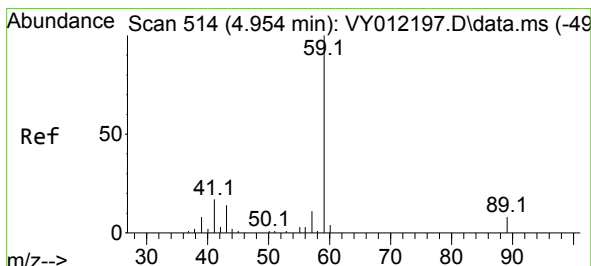
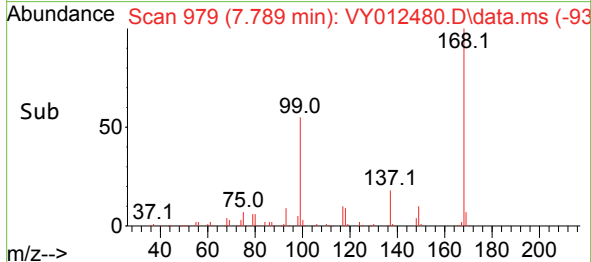
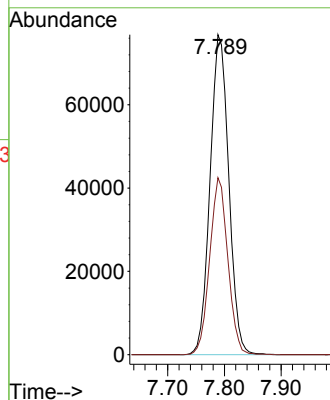
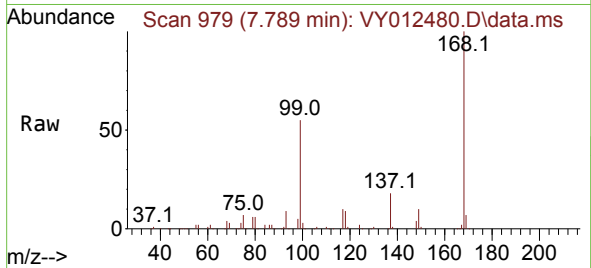




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

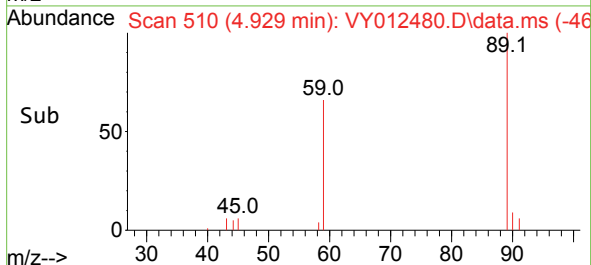
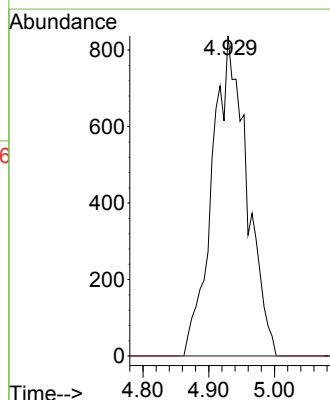
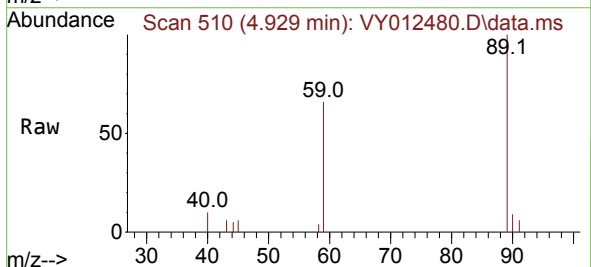
Instrument :
MSVOA_Y
ClientSampleId :

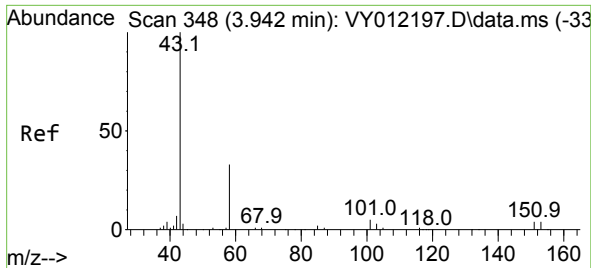
Tgt Ion:168 Resp: 175925
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#11
Tert butyl alcohol
Concen: 5.758 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

Tgt Ion: 59 Resp: 3078
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

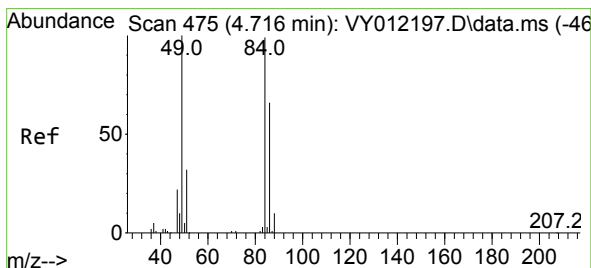
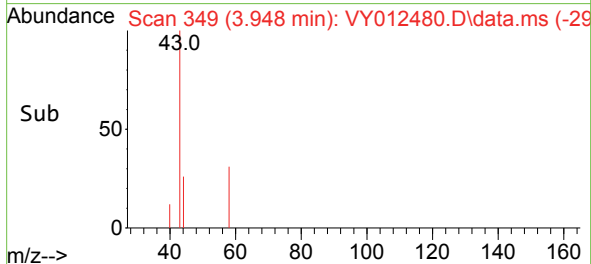
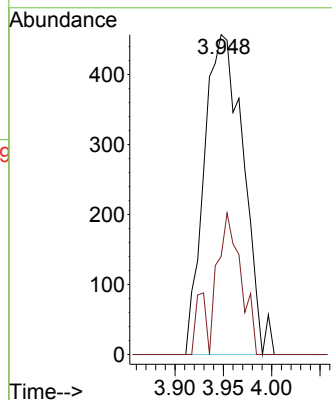
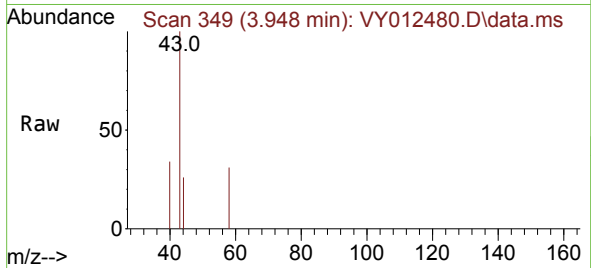




#16
Acetone
Concen: 2.623 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

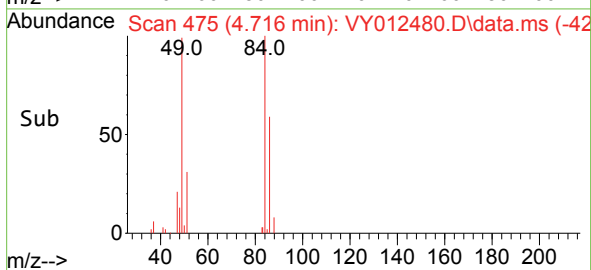
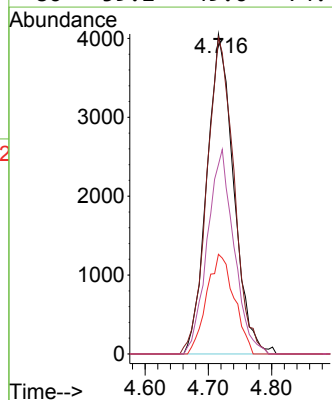
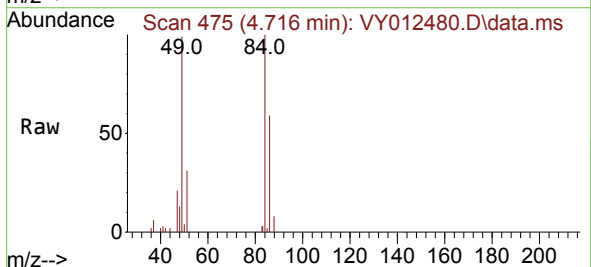
Instrument :
MSVOA_Y
ClientSampleId :

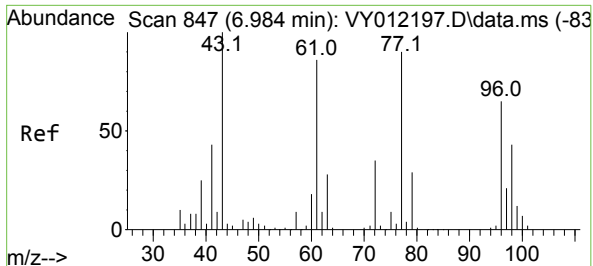
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 30.6 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

Tgt Ion: 84 Resp: 11906
Ion Ratio Lower Upper
84 100
49 98.9 95.4 143.2
51 31.1 29.9 44.9
86 59.2 49.6 74.4

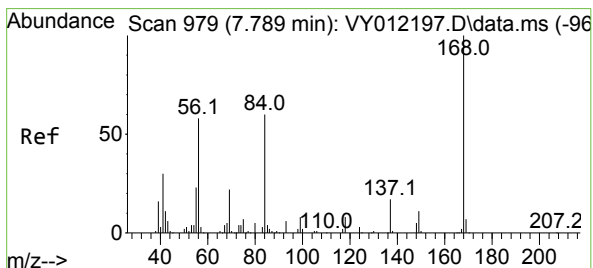
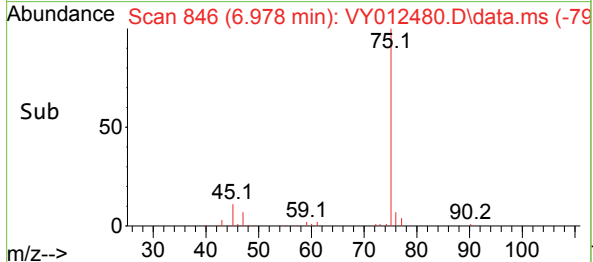
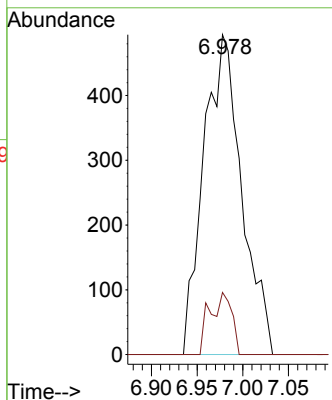
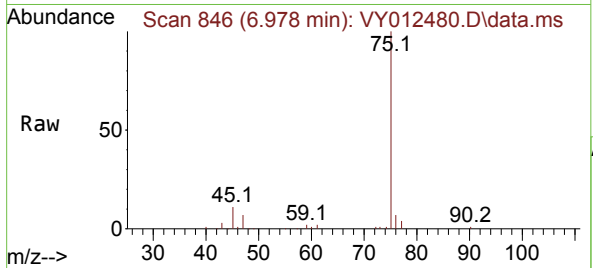




#25
2-Butanone
Concen: 2.639 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

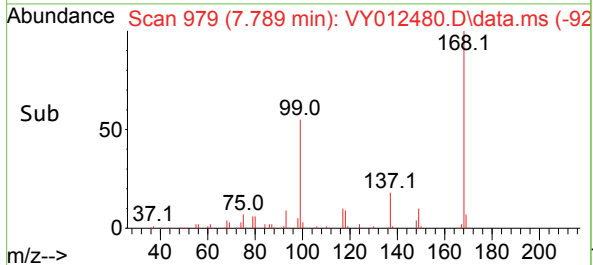
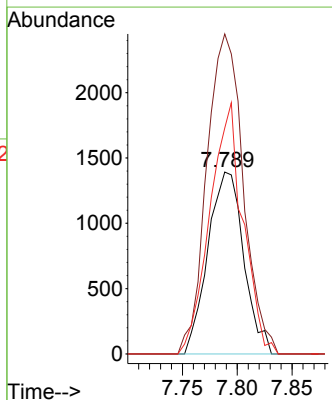
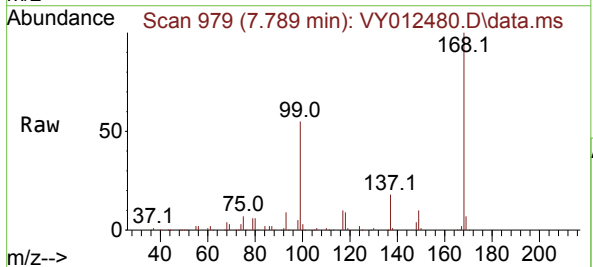
Instrument :
MSVOA_Y
ClientSampleId :

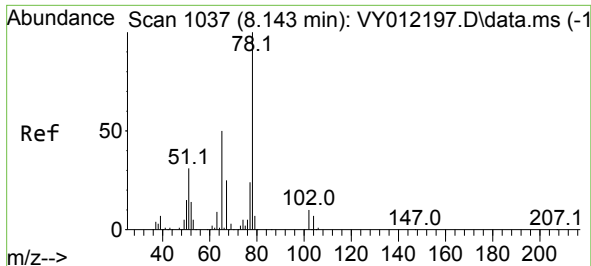
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
72 19.4 22.6 34.0#



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

Tgt Ion: 56 Resp: 3161
Ion Ratio Lower Upper
56 100
69 175.9 29.2 43.8#
84 124.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 72.357 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

Instrument :

MSVOA_Y

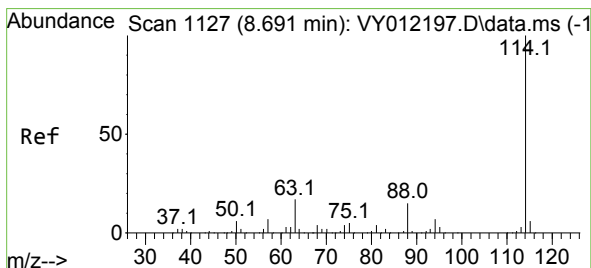
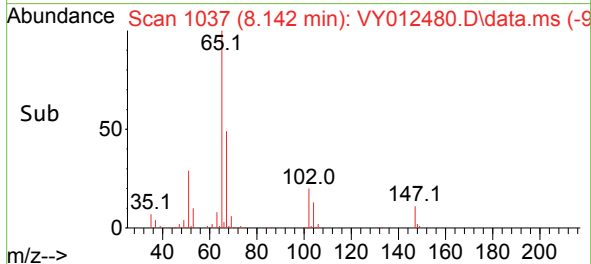
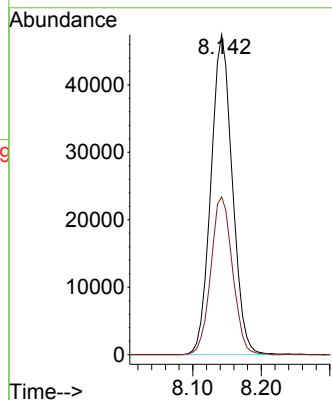
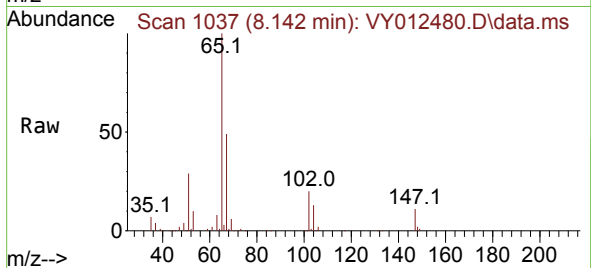
ClientSampleId :

Tgt Ion: 65 Resp: 102948

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

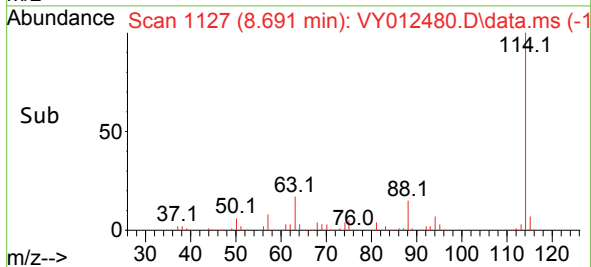
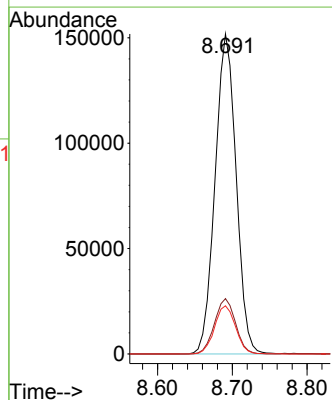
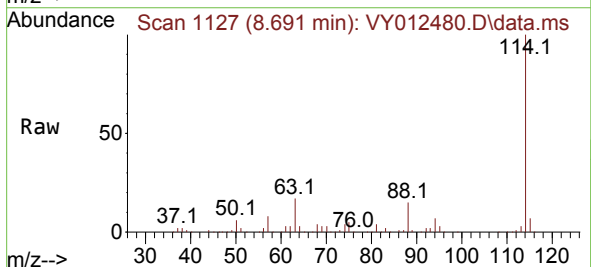
Tgt Ion: 114 Resp: 297563

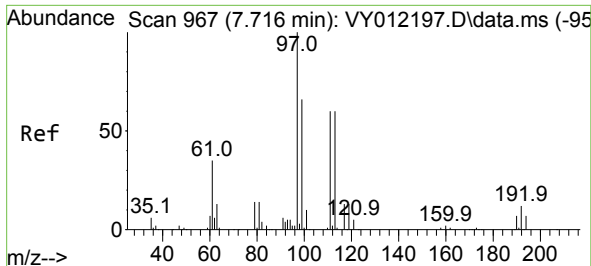
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.1 0.0 32.2

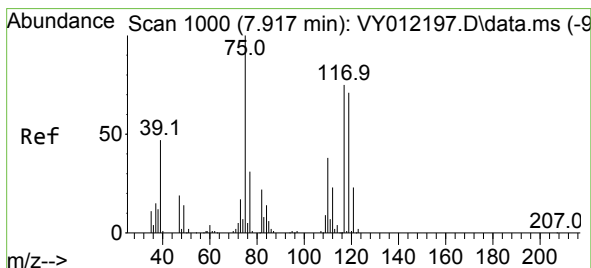
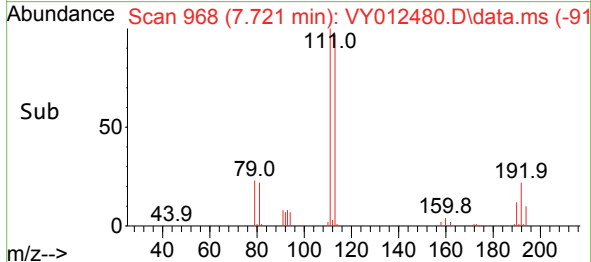
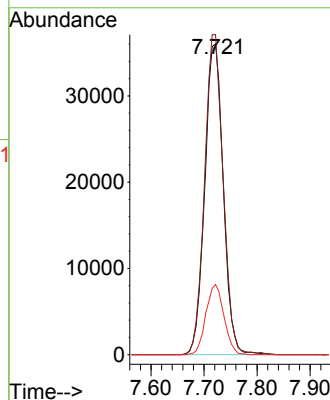
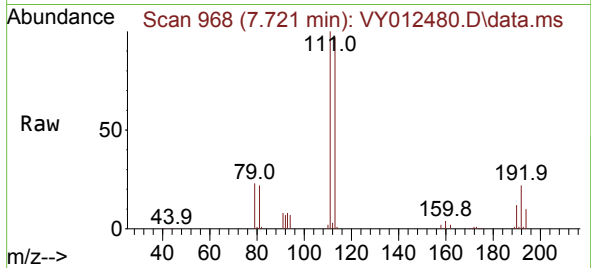




#35
Dibromofluoromethane
Concen: 55.504 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

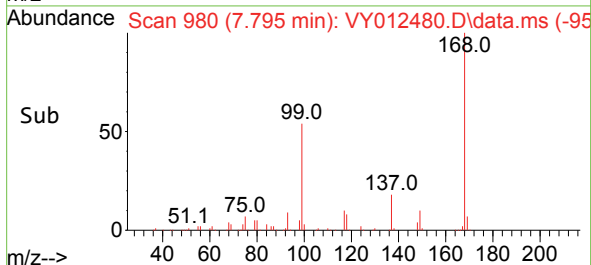
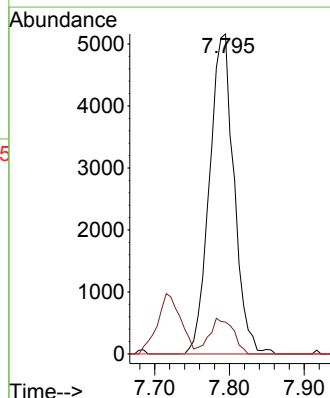
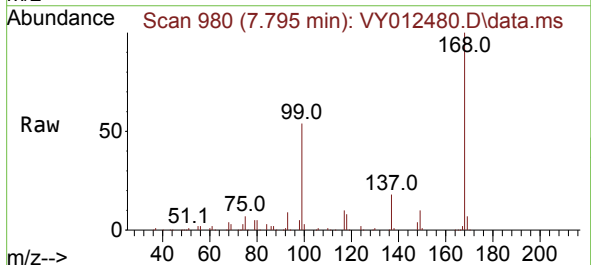
Instrument :
MSVOA_Y
ClientSampleId :

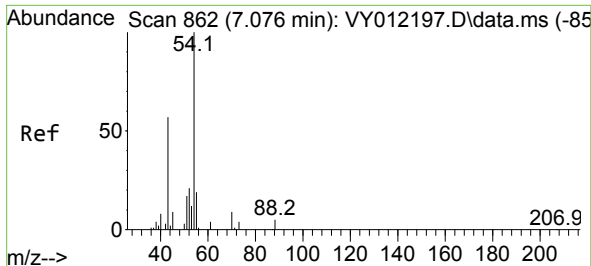
Tgt Ion:113 Resp: 87452
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 22.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.400 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

Tgt Ion: 75 Resp: 11783
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.209 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

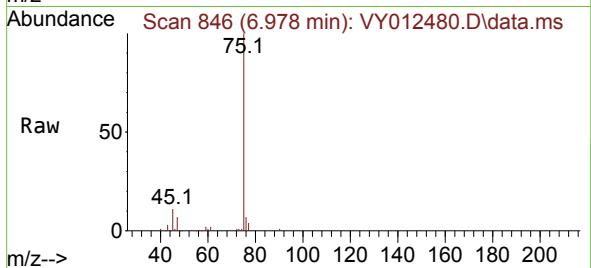
Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :



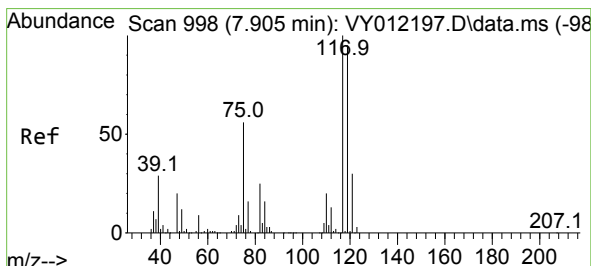
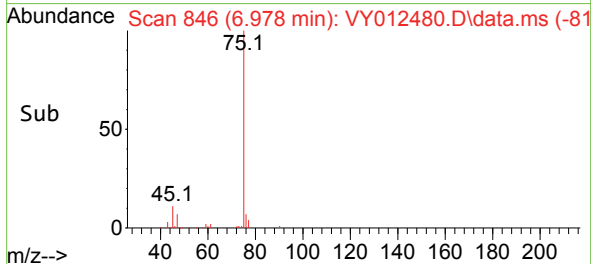
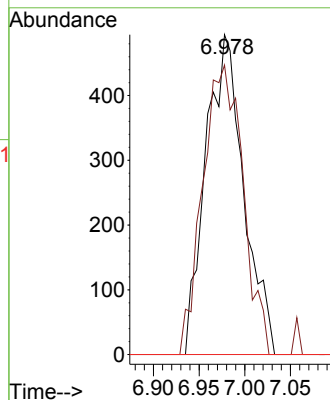
Tgt Ion: 43 Resp: 1427

Ion Ratio Lower Upper

43 100

61 95.9 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 4.983 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

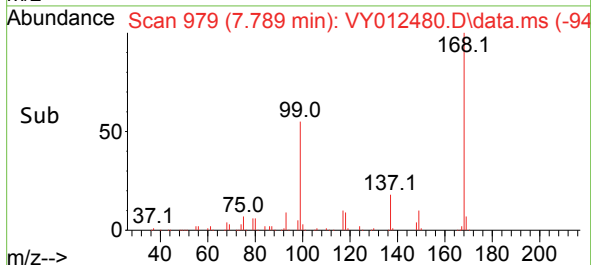
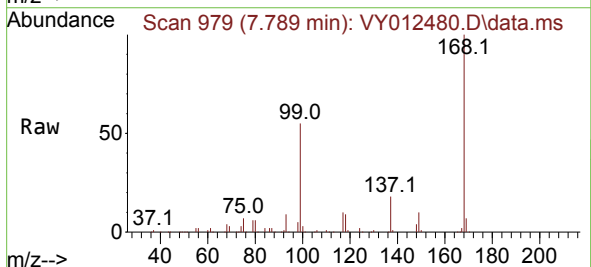
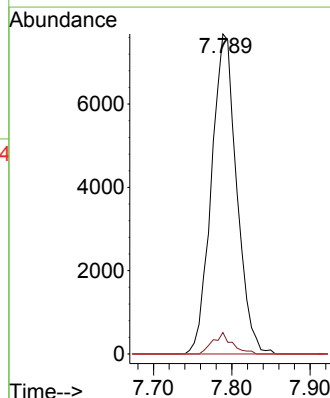
Tgt Ion: 117 Resp: 17232

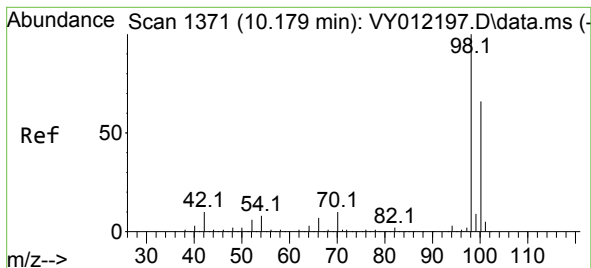
Ion Ratio Lower Upper

117 100

119 6.7 73.8 110.8#

121 0.0 25.2 37.8#





#50

Toluene-d8

Concen: 66.165 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

Instrument :

MSVOA_Y

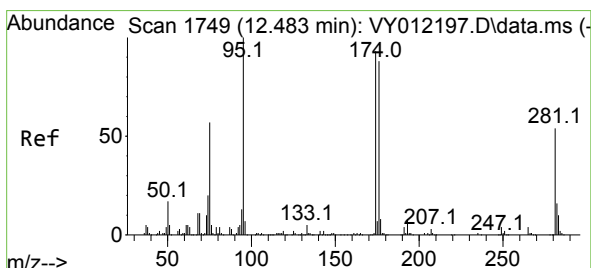
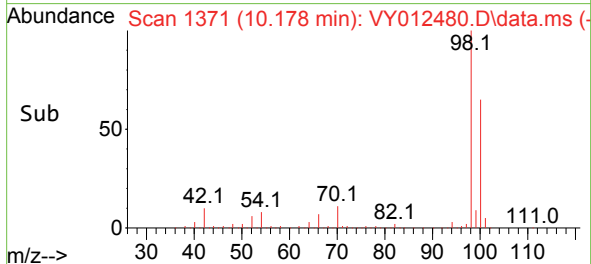
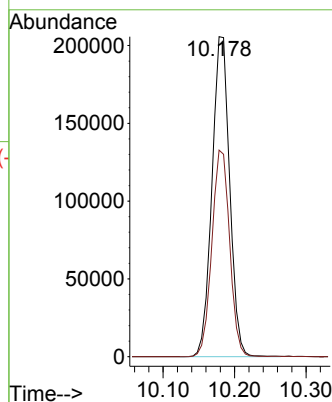
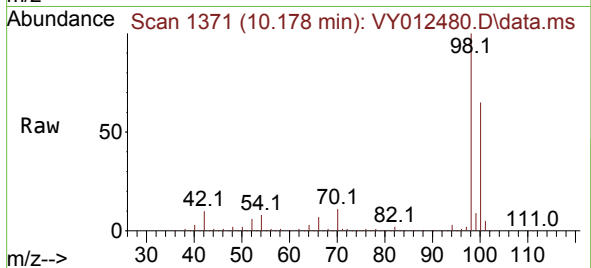
ClientSampleId :

Tgt Ion: 98 Resp: 353560

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.298 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

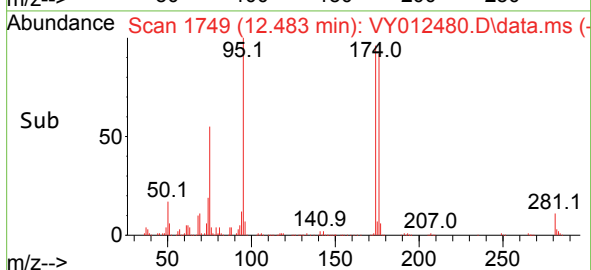
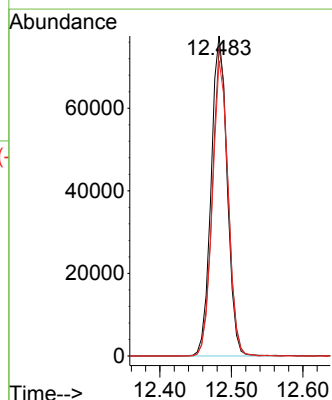
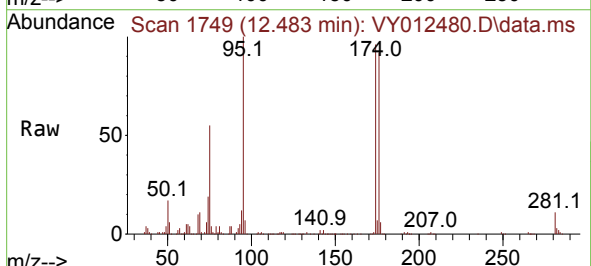
Tgt Ion: 95 Resp: 120601

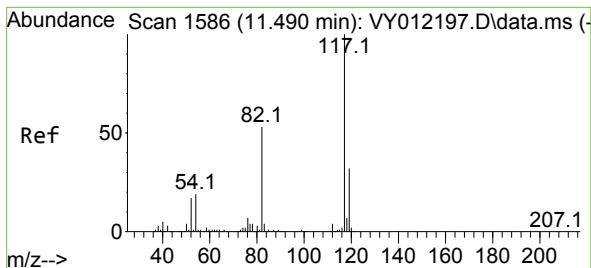
Ion Ratio Lower Upper

95 100

174 93.9 0.0 172.0

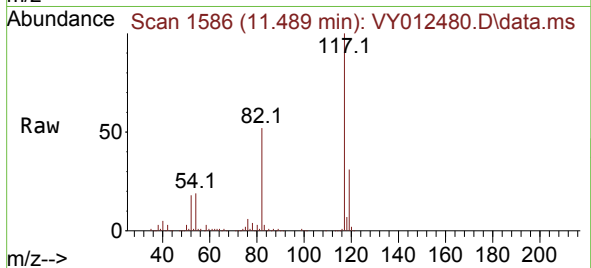
176 90.0 0.0 167.6



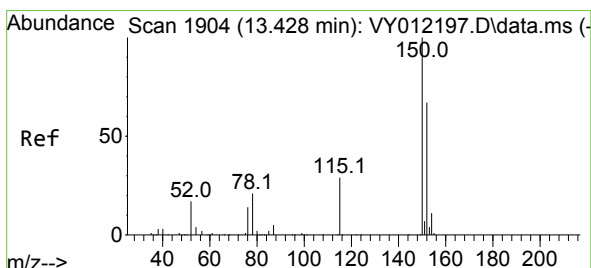
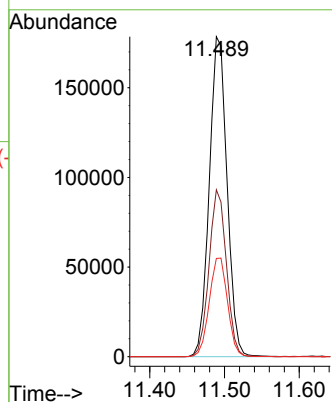
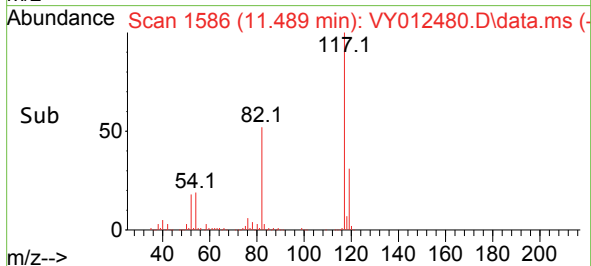


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

Instrument :
MSVOA_Y
ClientSampleId :

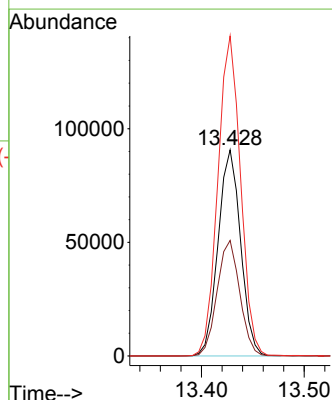
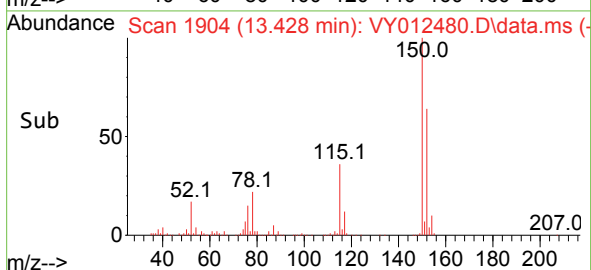
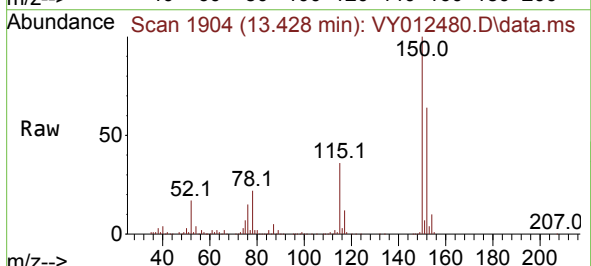


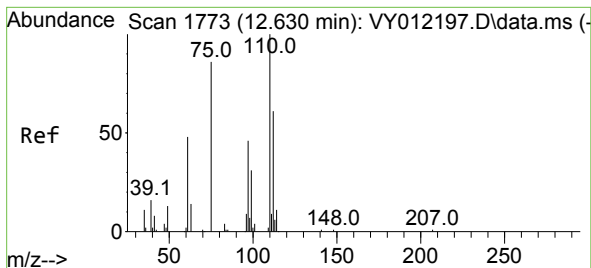
Tgt Ion:117 Resp: 294167
Ion Ratio Lower Upper
117 100
82 52.1 44.8 67.2
119 30.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012480.D
Acq: 03 Feb 2023 16:24

Tgt Ion:152 Resp: 137772
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 156.7 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 50.702 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

Instrument :

MSVOA_Y

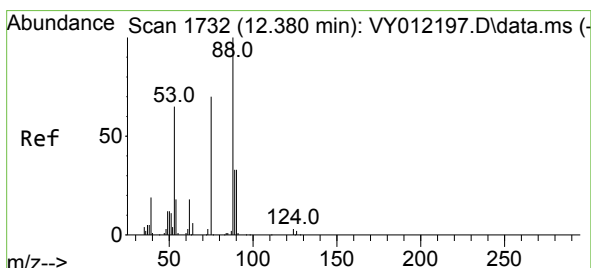
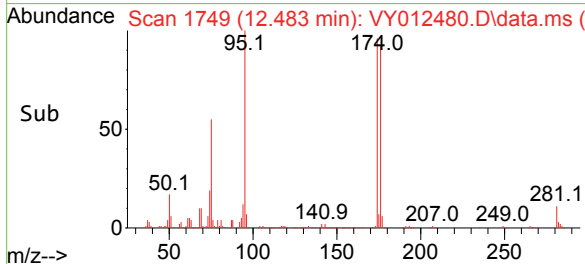
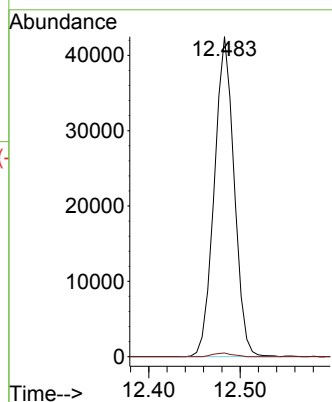
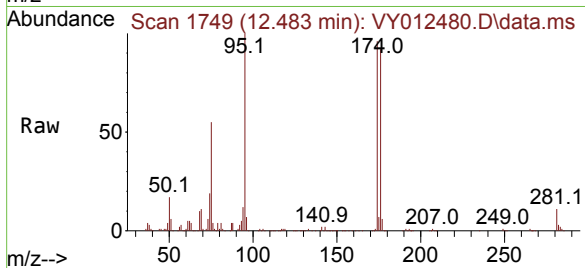
ClientSampleId :

Tgt Ion: 75 Resp: 64232

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.468 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.109 min

Lab File: VY012480.D

Acq: 03 Feb 2023 16:24

Tgt Ion: 75 Resp: 64232

Ion Ratio Lower Upper

75 100

53 0.0 72.5 108.7#

89 0.1 37.0 55.4#

