

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012395.D
 Acq On : 30 Jan 2023 14:14
 Operator : KP/MD
 Sample : 01357-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-205

Quant Time: Jan 31 01:47:56 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)

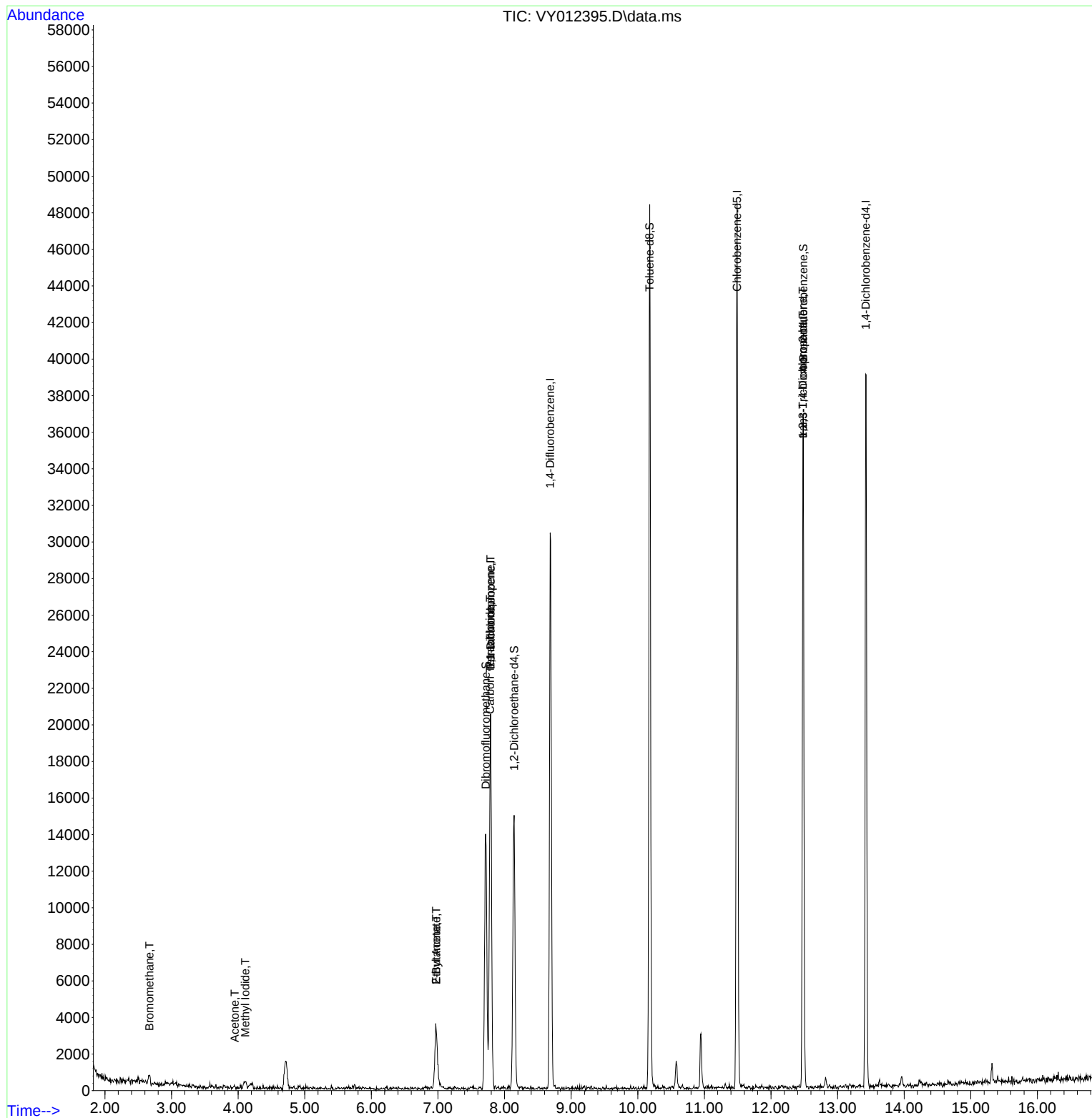
Internal Standards						
1) Pentafluorobenzene	7.789	168	16936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13260	98.252	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 196.500%#			
35) Dibromofluoromethane	7.716	113	9702	65.561	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.120%			
50) Toluene-d8	10.179	98	33160	66.064	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 132.120%			
62) 4-Bromofluorobenzene	12.483	95	10485	50.260	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.520%			
Target Compounds			Qvalue			
5) Bromomethane	2.668	94	208	1.687	ug/l #	65
10) Methyl Iodide	4.107	142	676	2.936	ug/l #	87
11) Tert butyl alcohol	4.918	59	37	Below Cal	#	74
16) Acetone	3.948	43	169	3.584	ug/l #	40
20) Methylene Chloride	4.729	84	1415	Below Cal	#	66
25) 2-Butanone	6.972	43	112	2.151	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	1030	4.095	ug/l #	43
37) Ethyl Acetate	6.972	43	112	1.010	ug/l #	1
38) Carbon Tetrachloride	7.783	117	1425	4.387	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	5384	51.352	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5384	105.807	ug/l #	13

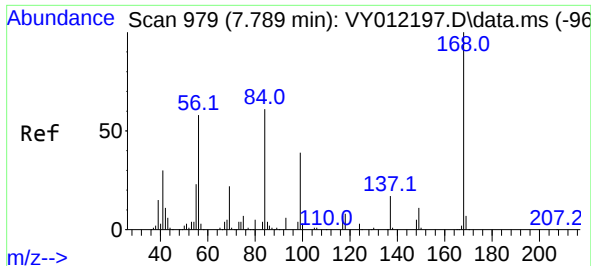
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012395.D
Acq On : 30 Jan 2023 14:14
Operator : KP/MD
Sample : 01357-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

Quant Time: Jan 31 01:47:56 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

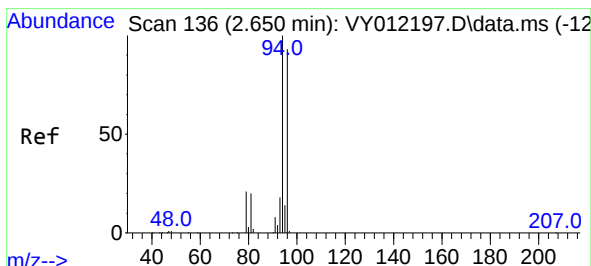
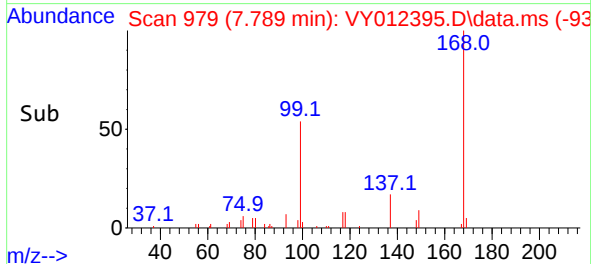
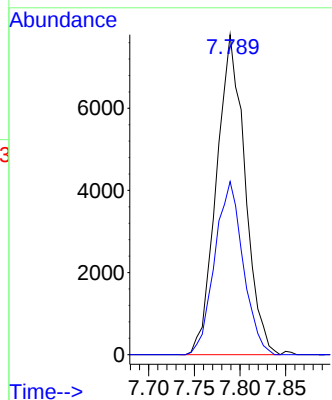
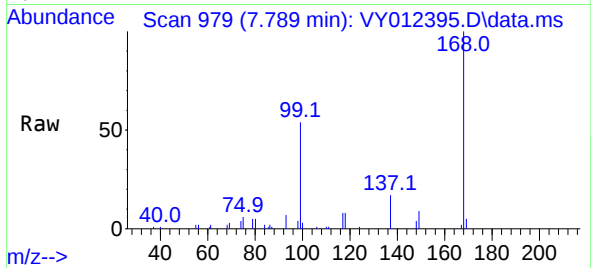




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

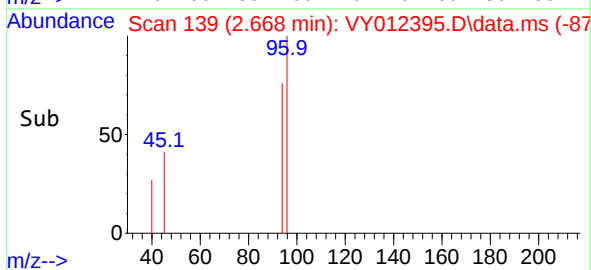
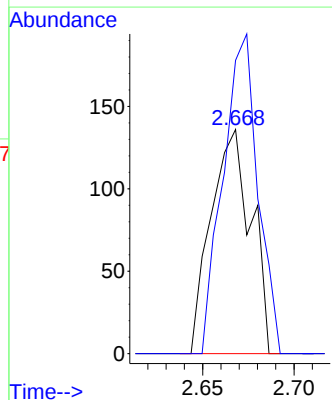
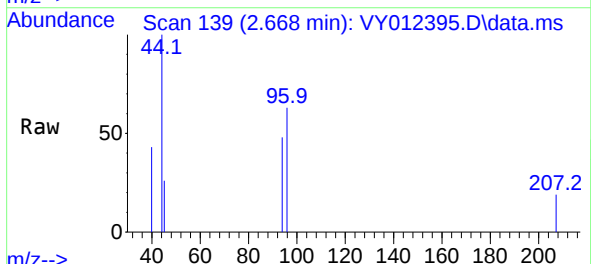
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

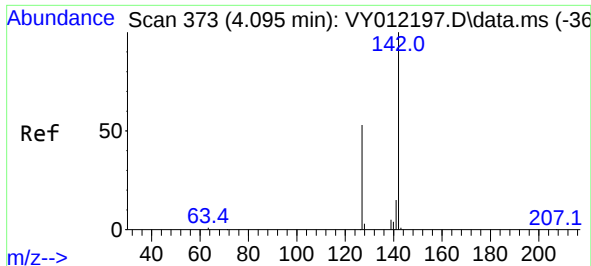
Tgt Ion:168 Resp: 16936
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#5
Bromomethane
Concen: 1.687 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 130.9 77.4 116.2#

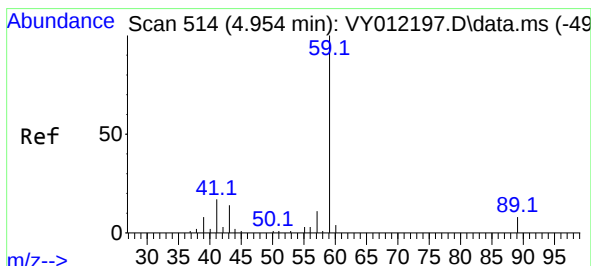
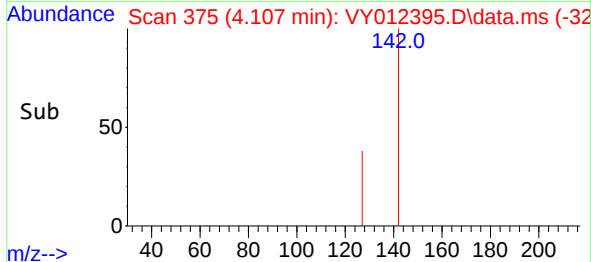
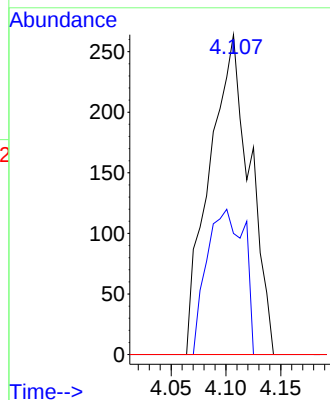
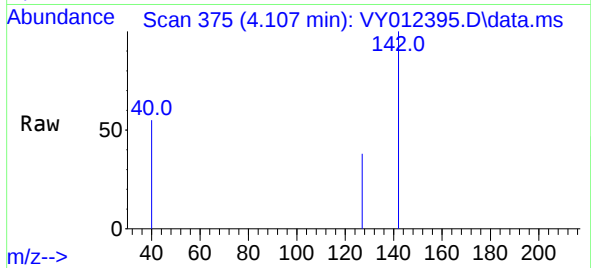




#10
Methyl Iodide
Concen: 2.936 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

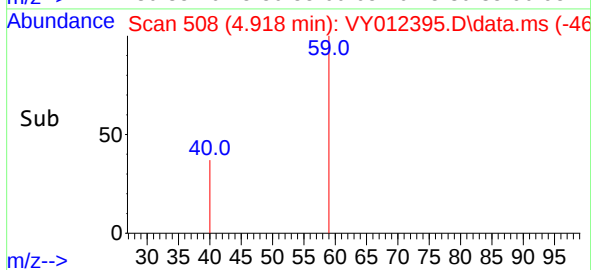
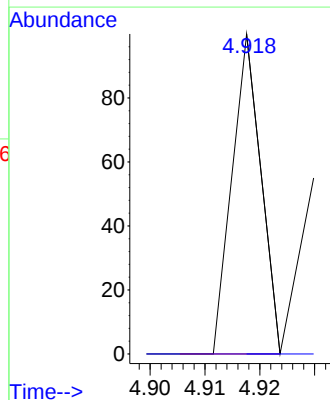
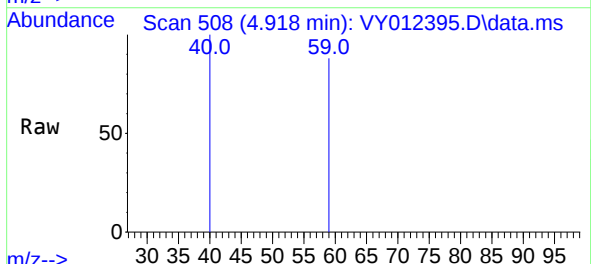
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

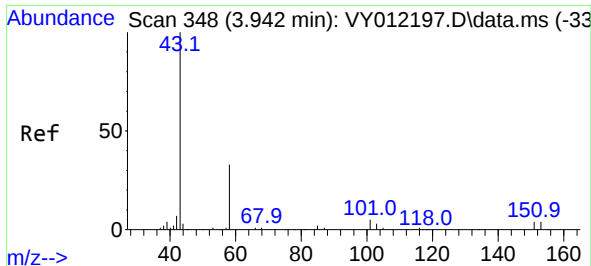
Tgt Ion:142 Resp: 676
Ion Ratio Lower Upper
142 100
127 42.0 37.0 55.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion: 59 Resp: 37
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 3.584 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012395.D

Acq: 30 Jan 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

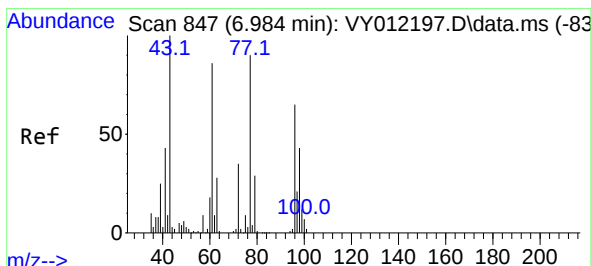
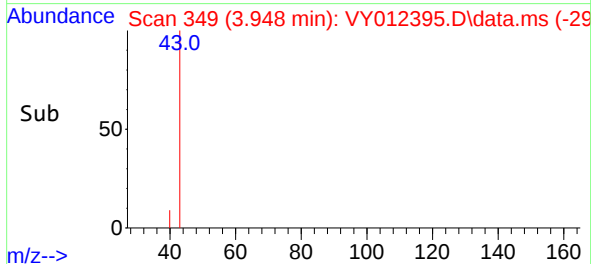
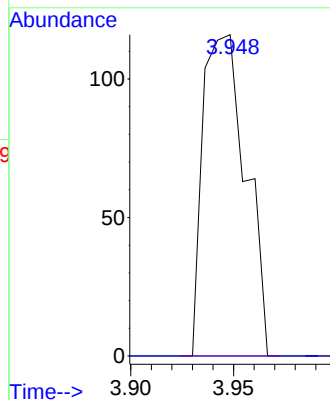
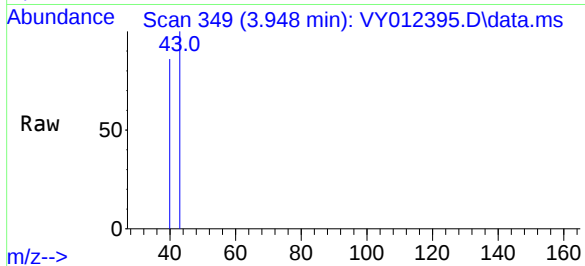
VNJ-205

Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

58 0.0 27.9 41.9#



#25

2-Butanone

Concen: 2.151 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY012395.D

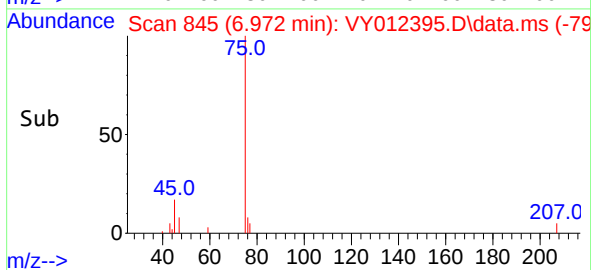
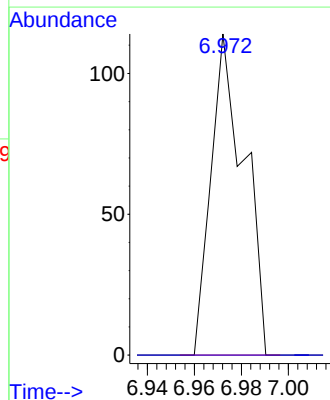
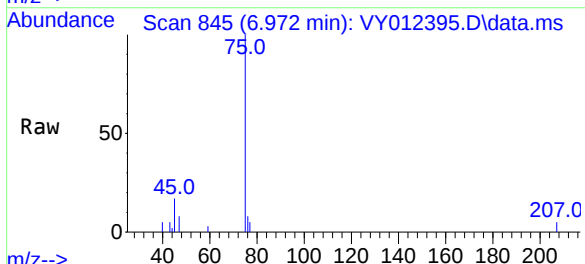
Acq: 30 Jan 2023 14:14

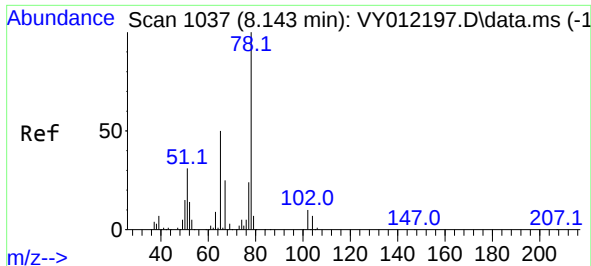
Tgt Ion: 43 Resp: 112

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#

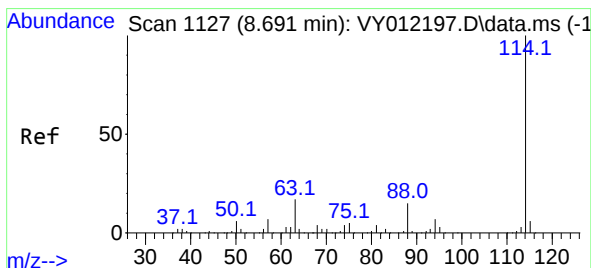
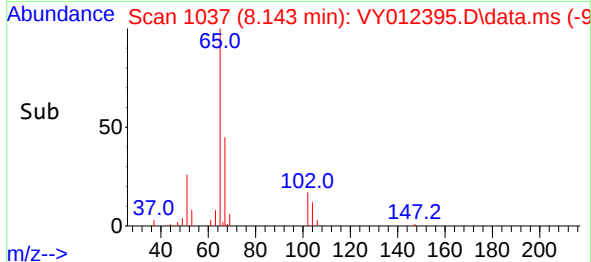
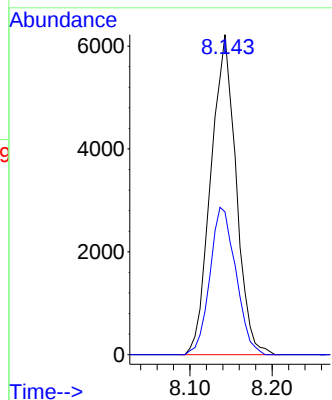
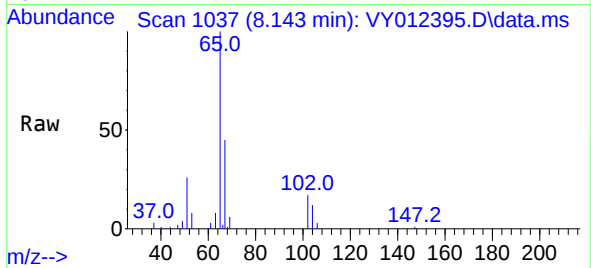




#33
1,2-Dichloroethane-d4
Concen: 98.252 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

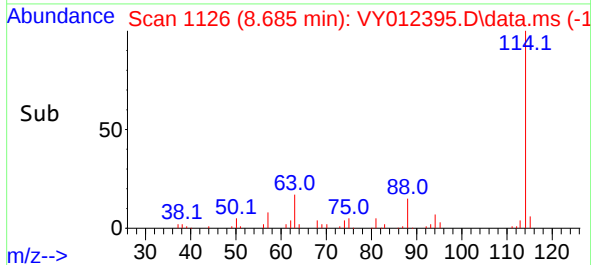
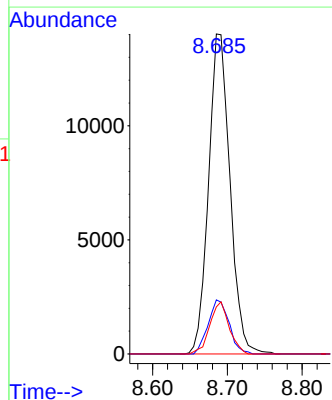
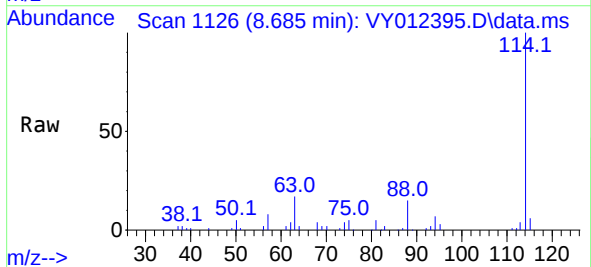
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

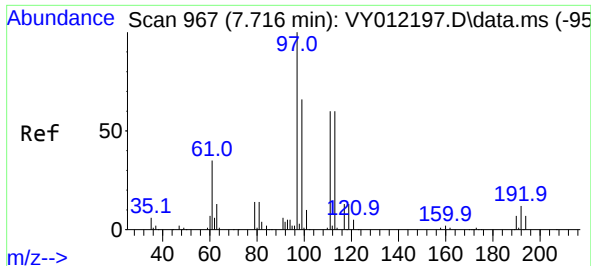
Tgt Ion: 65 Resp: 13260
Ion Ratio Lower Upper
65 100
67 47.4 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion:114 Resp: 27948
Ion Ratio Lower Upper
114 100
63 16.9 0.0 39.6
88 14.7 0.0 32.2

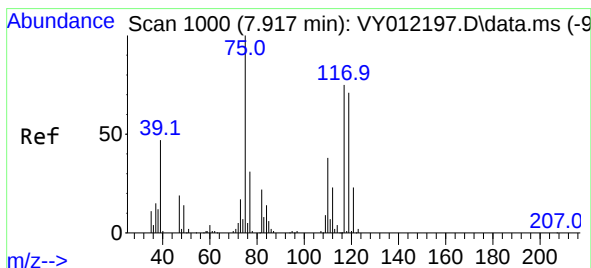
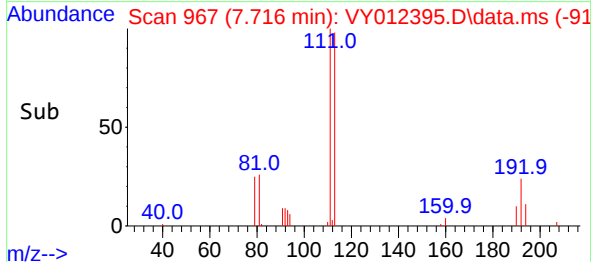
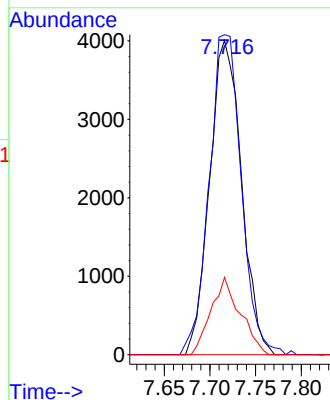
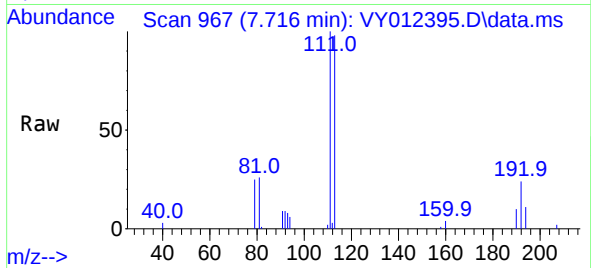




#35
Dibromofluoromethane
Concen: 65.561 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

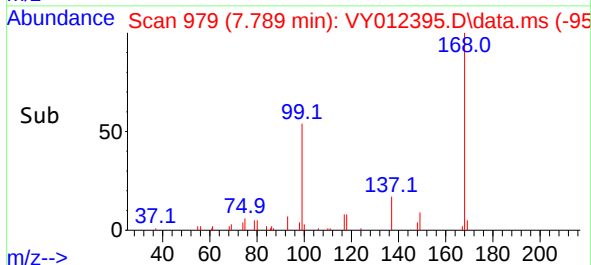
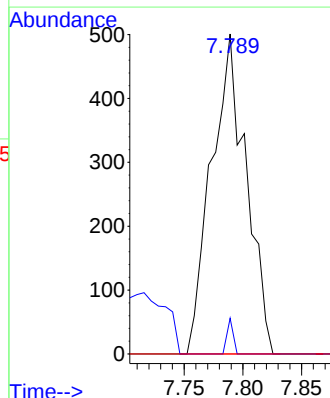
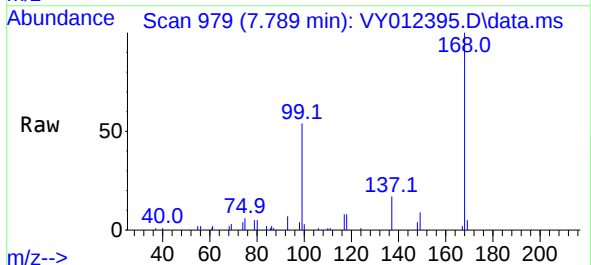
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

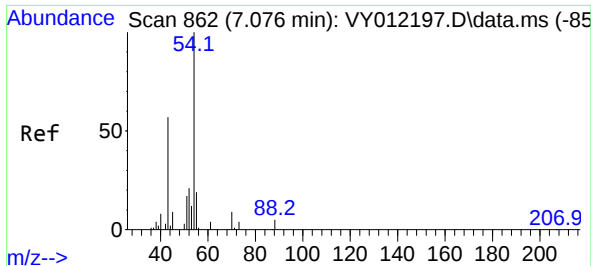
Tgt Ion:113 Resp: 9702
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 22.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.095 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
110 1.9 18.1 54.1#
77 0.0 25.1 37.7#

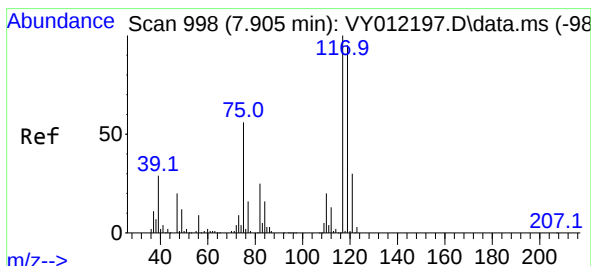
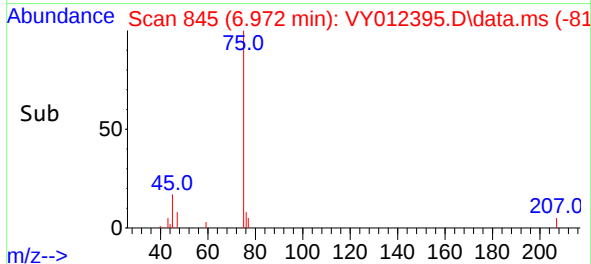
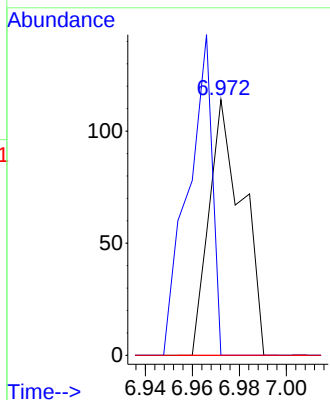
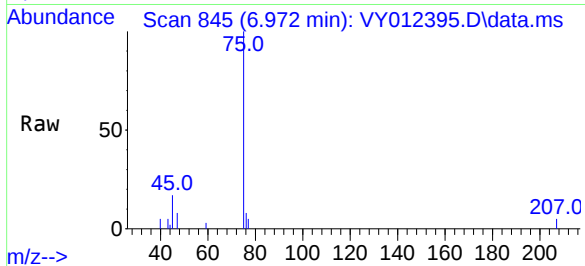




#37
Ethyl Acetate
Concen: 1.010 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.104 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

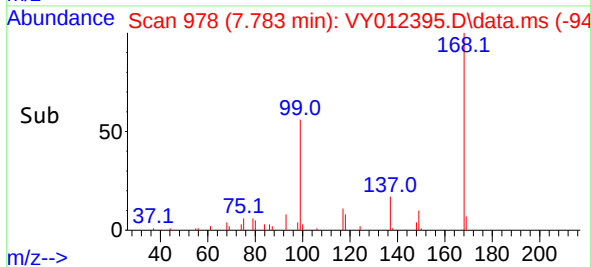
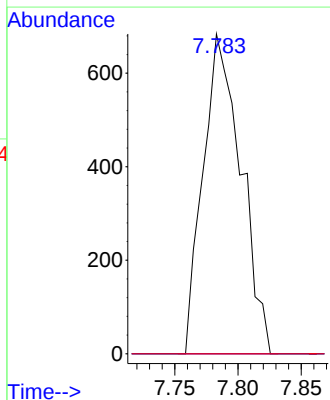
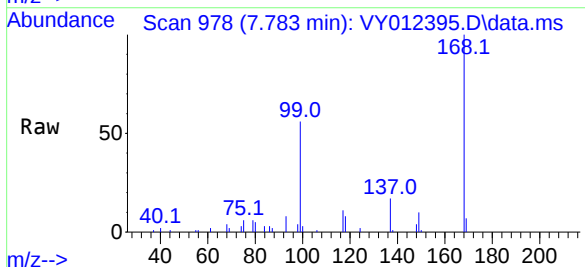
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

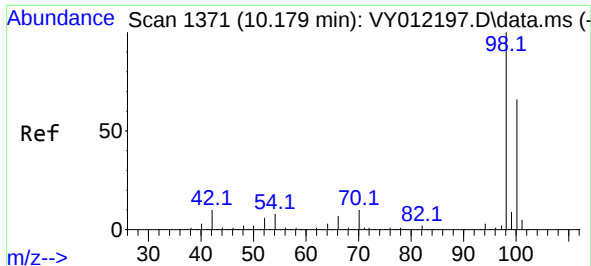
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
61 92.0 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion: 117 Resp: 1425
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#

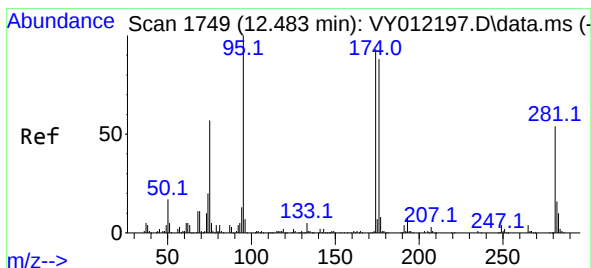
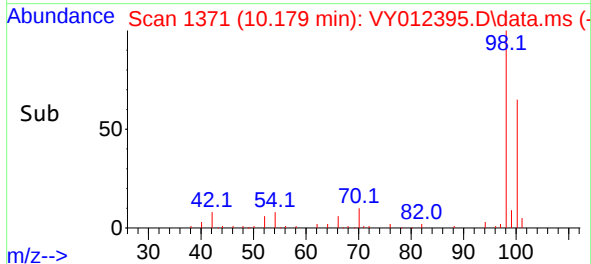
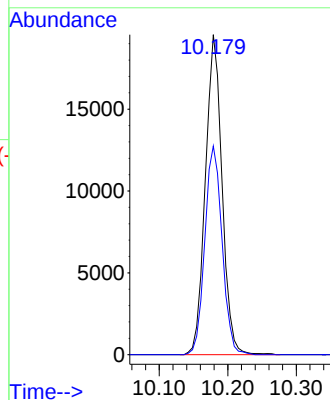
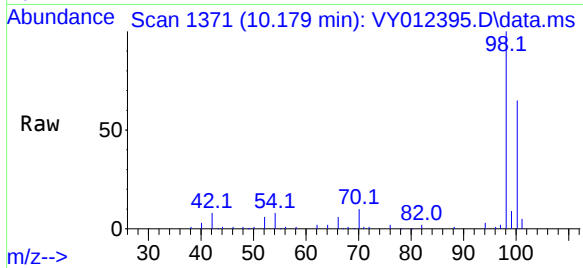




#50
Toluene-d8
Concen: 66.064 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

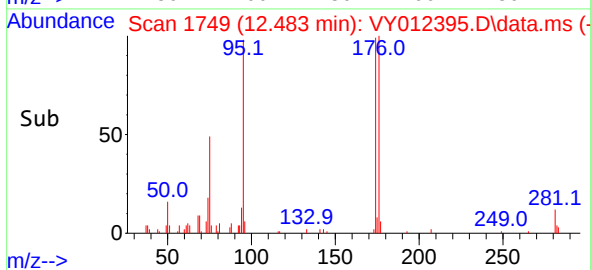
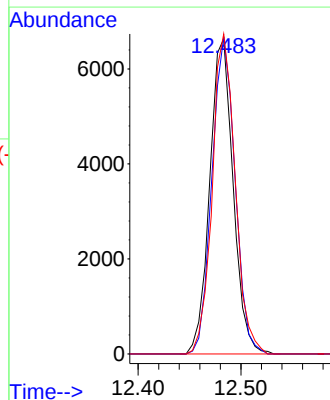
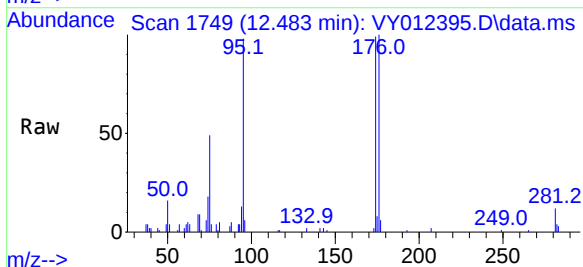
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

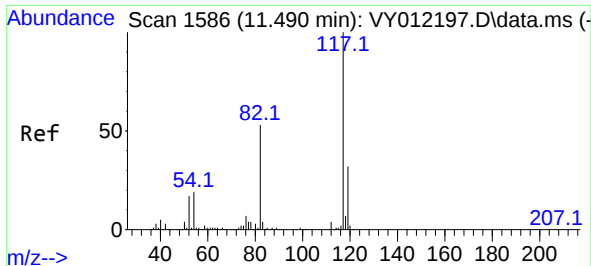
Tgt Ion: 98 Resp: 33160
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.260 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion: 95 Resp: 10485
Ion Ratio Lower Upper
95 100
174 99.0 0.0 172.0
176 99.3 0.0 167.6

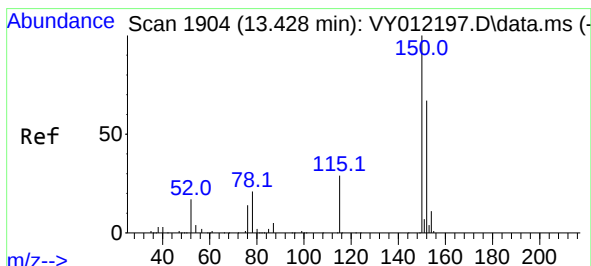
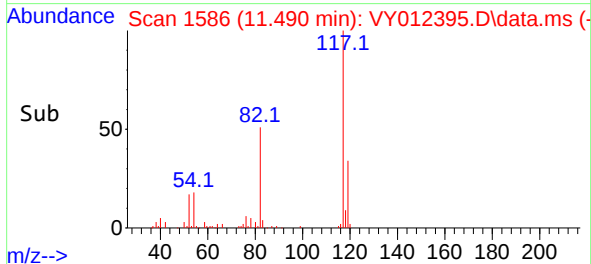
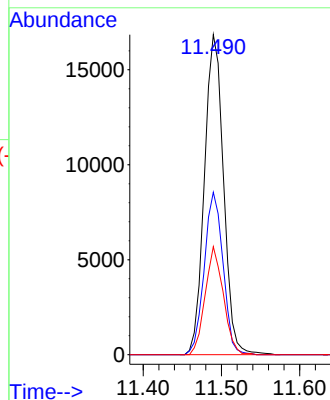
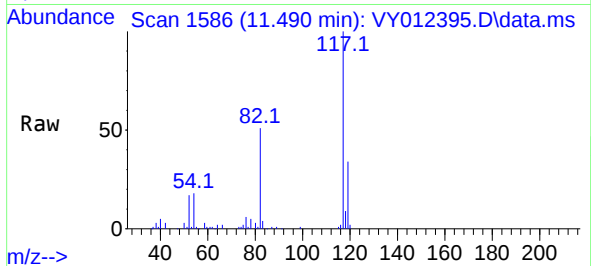




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

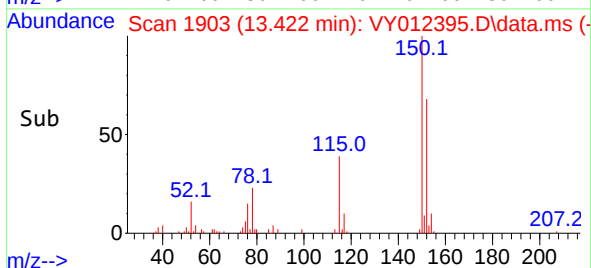
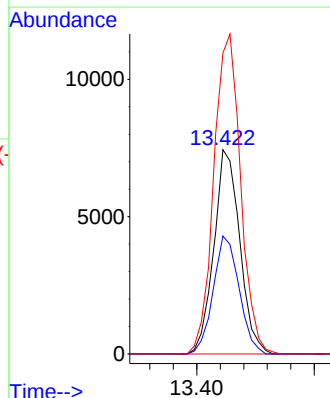
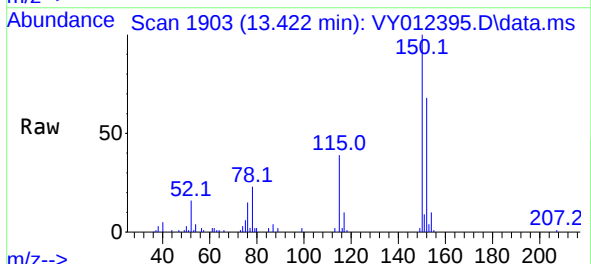
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

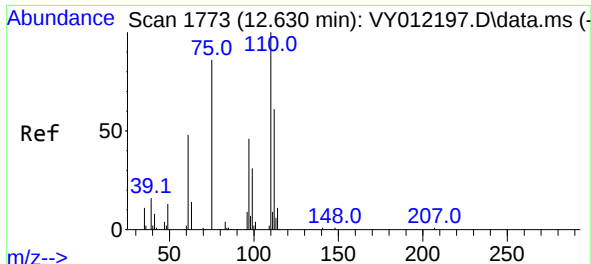
Tgt Ion:117	Resp:	28550
Ion Ratio	Lower	Upper
117	100	
82	50.8	44.8 67.2
119	33.8	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion:152	Resp:	11402
Ion Ratio	Lower	Upper
152	100	
115	57.6	29.1 87.3
150	161.7	0.0 342.6

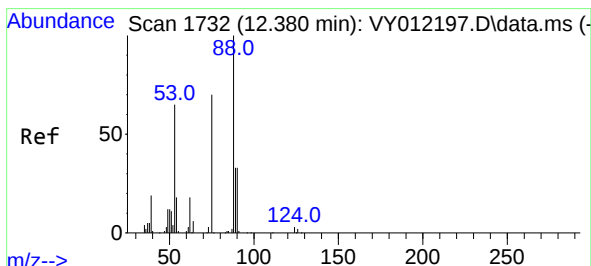
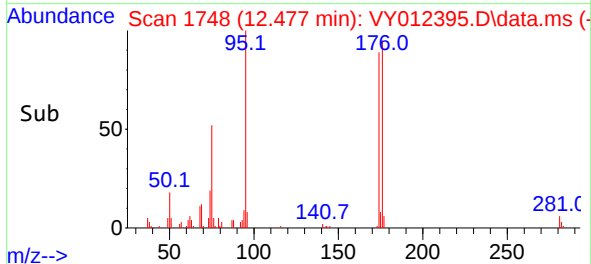
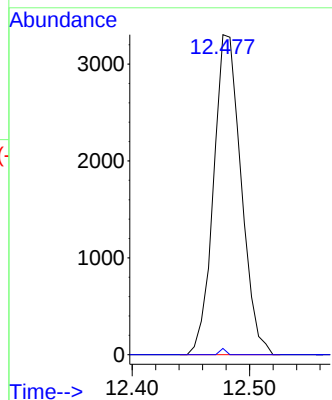
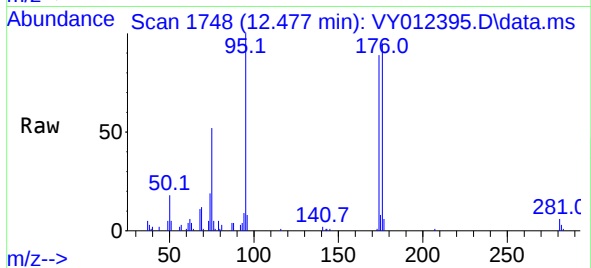




#76
1,2,3-Trichloropropane
Concen: 51.352 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

Tgt Ion: 75 Resp: 5384
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.807 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion: 75 Resp: 5384
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

