

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011039.D
 Acq On : 21 Oct 2022 10:55
 Operator : KP/MD
 Sample : VY1021SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBL01

Quant Time: Oct 22 01:20:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

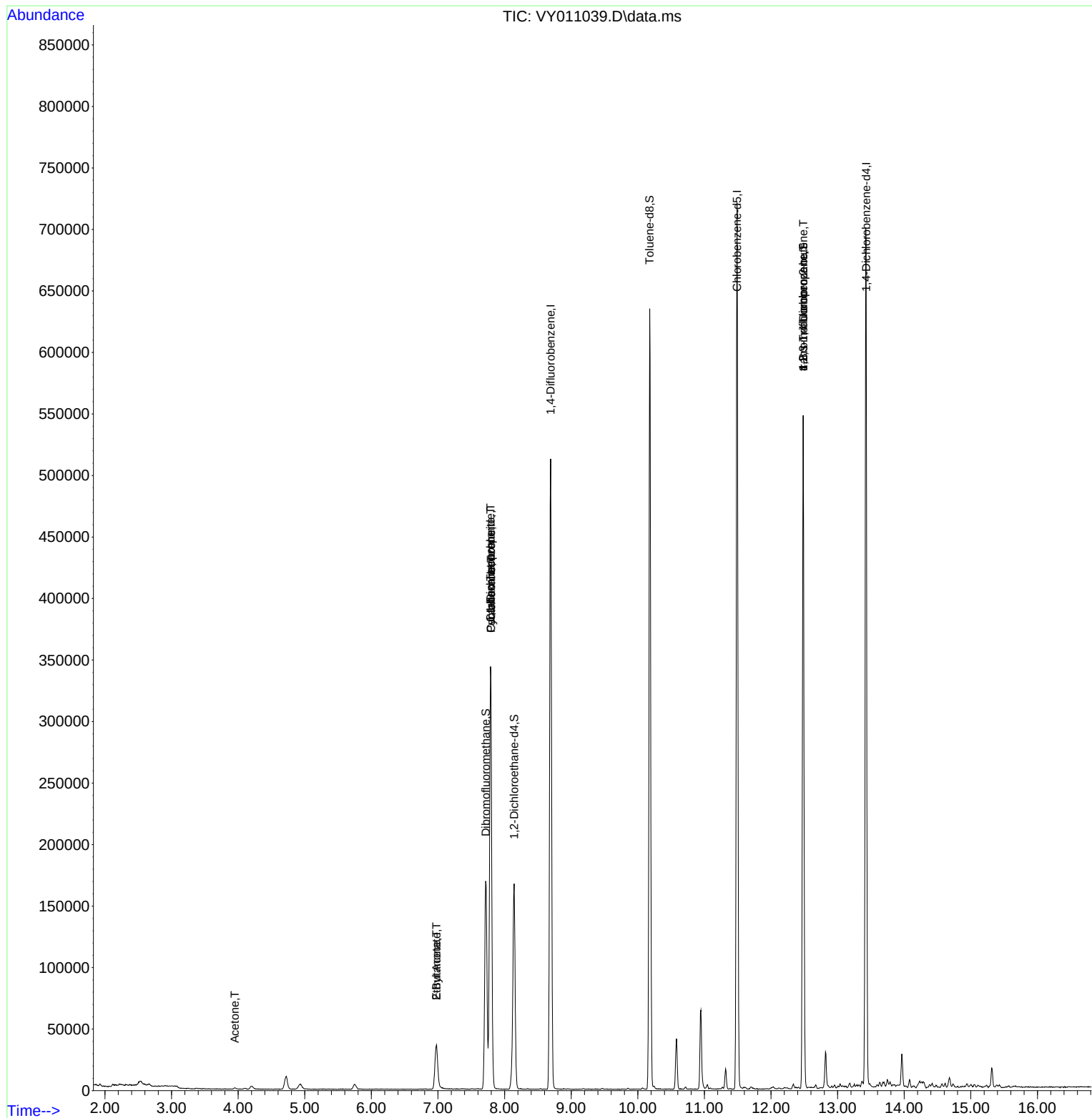
Internal Standards						
1) Pentafluorobenzene	7.795	168	273583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	453484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	400350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122621	48.657	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.320%		
35) Dibromofluoromethane	7.716	113	126062	49.864	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.720%		
50) Toluene-d8	10.179	98	422209	44.590	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.180%		
62) 4-Bromofluorobenzene	12.483	95	153295	45.422	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.840%		
Target Compounds						
11) Tert butyl alcohol	4.936	59	4699	Below Cal	#	77
16) Acetone	3.948	43	1834	2.506	ug/l	94
18) Methyl Acetate	4.204	43	765	Below Cal	#	56
20) Methylene Chloride	4.722	84	8365	Below Cal	#	81
25) 2-Butanone	6.978	43	2918	2.629	ug/l	98
31) Cyclohexane	7.795	56	5560	1.153	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	20491	4.854	ug/l	# 50
37) Ethyl Acetate	6.978	43	2918	1.248	ug/l	# 23
38) Carbon Tetrachloride	7.789	117	26810	6.152	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	77872	36.541	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	77872	78.590	ug/l	# 7

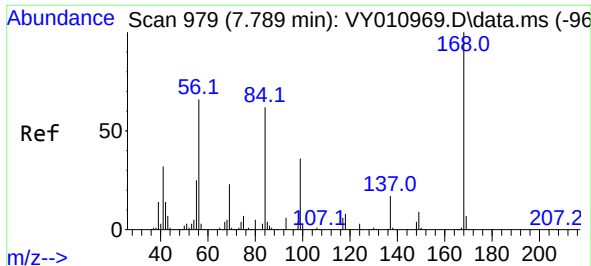
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
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MSVOA_Y
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Quant Time: Oct 22 01:20:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

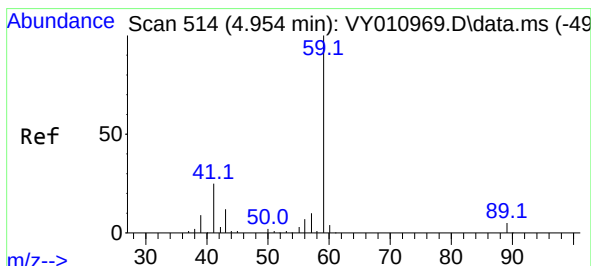
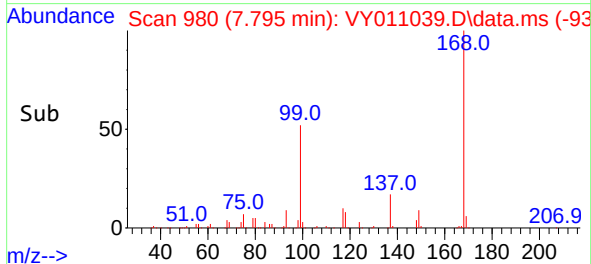
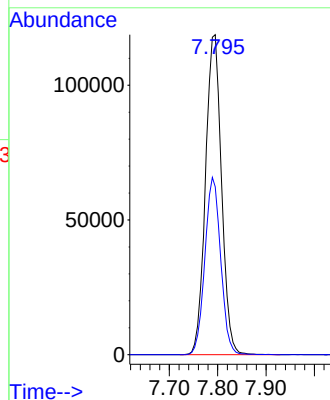
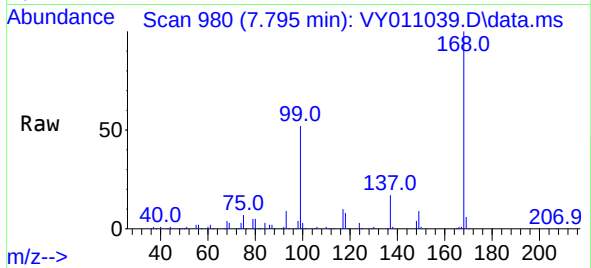




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

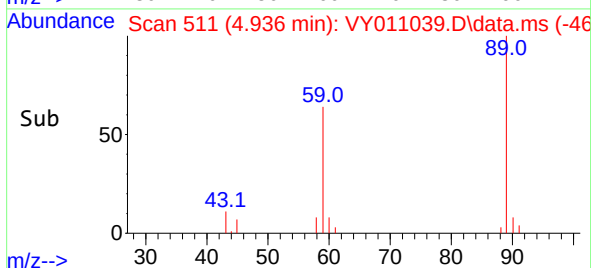
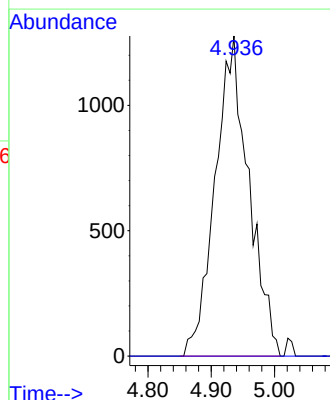
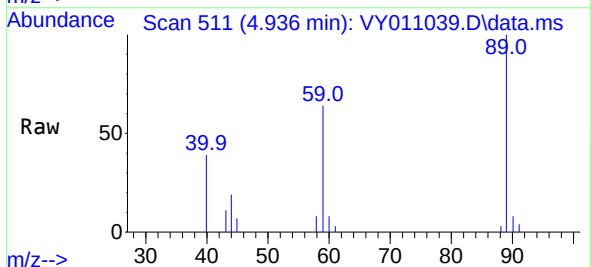
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

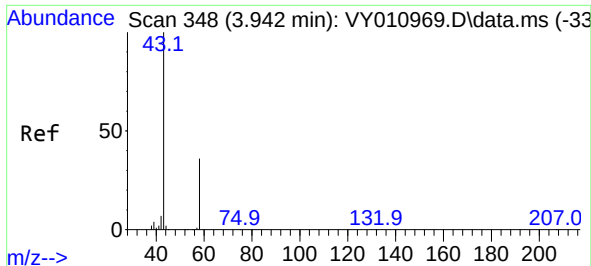
Tgt Ion:168 Resp: 273583
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 59 Resp: 4699
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

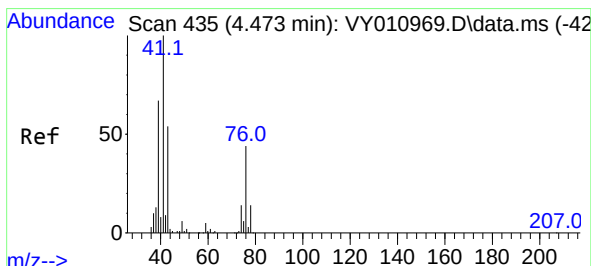
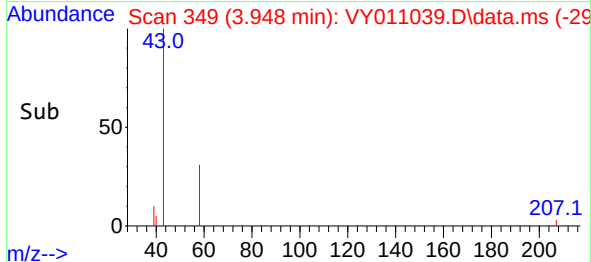
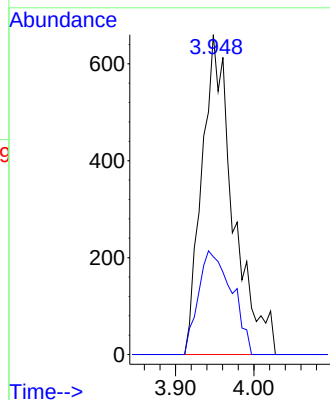
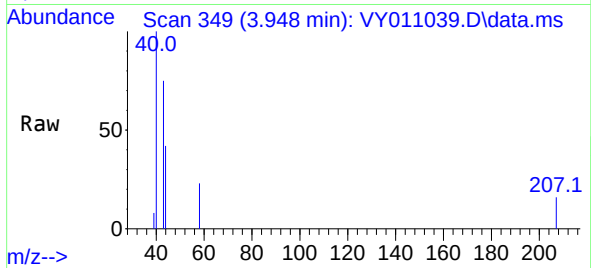




#16
Acetone
Concen: 2.506 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

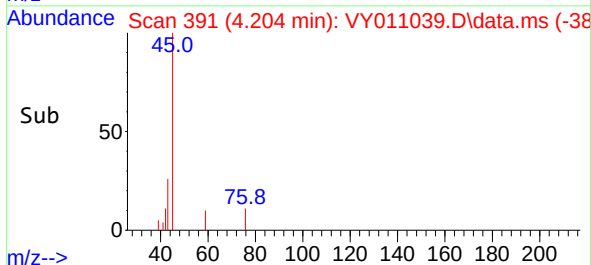
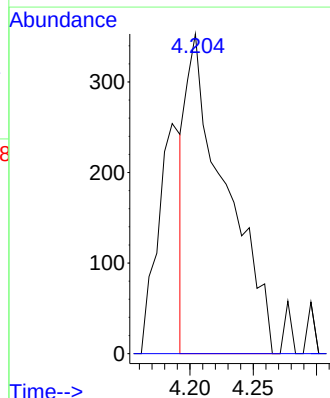
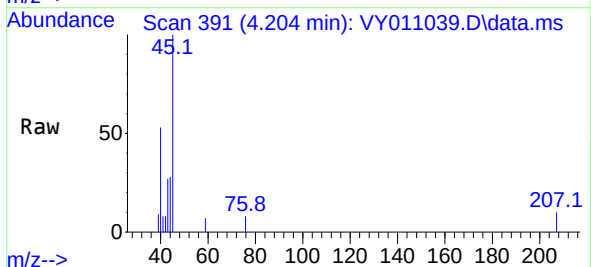
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

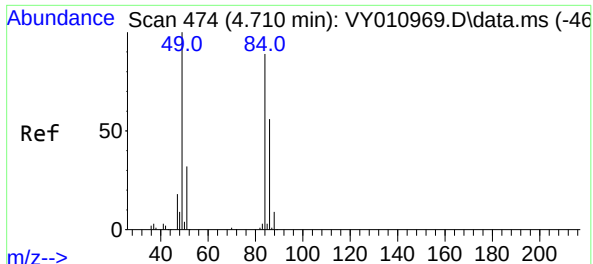
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.269 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

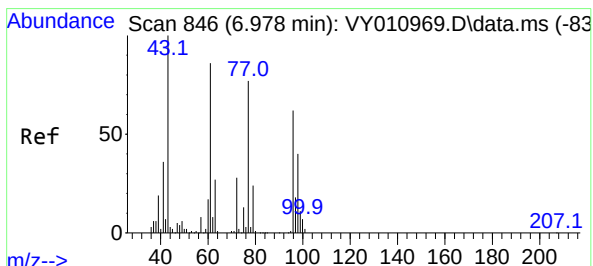
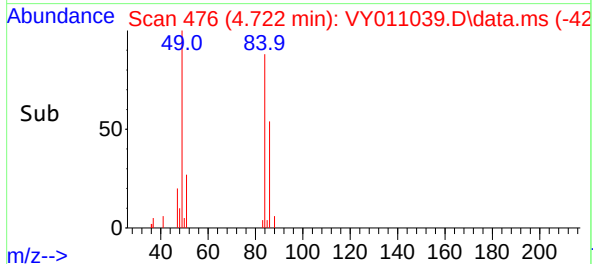
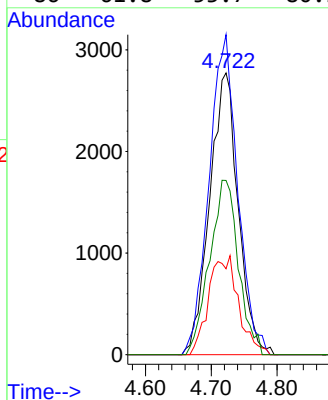
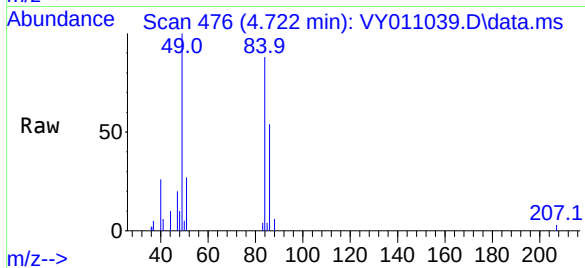




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

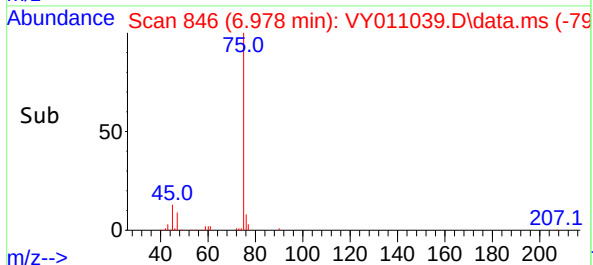
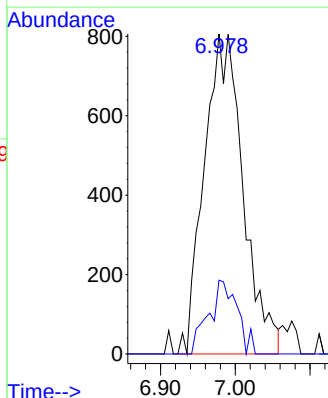
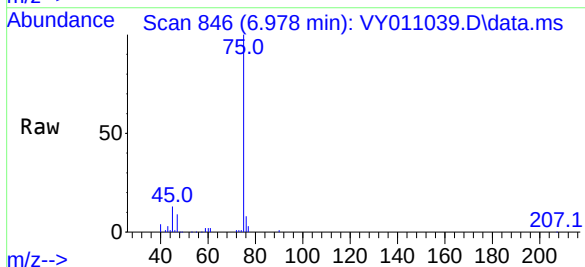
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

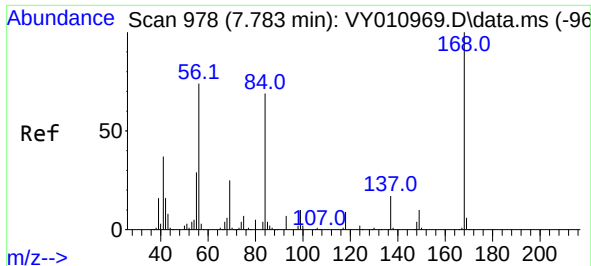
Tgt Ion: 84 Resp: 8365
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 30.5 35.3 52.9#
86 61.8 53.7 80.5



#25
2-Butanone
Concen: 2.629 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 43 Resp: 2918
Ion Ratio Lower Upper
43 100
72 23.1 17.7 26.5

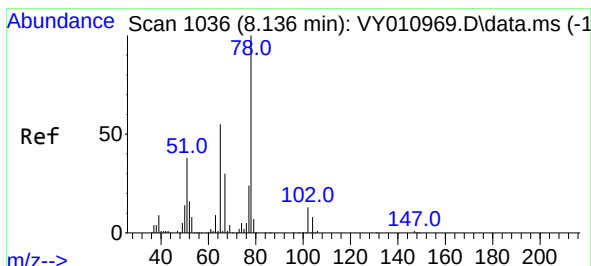
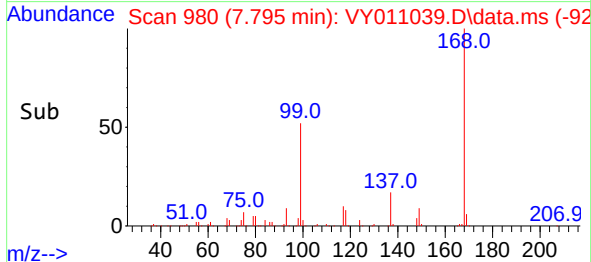
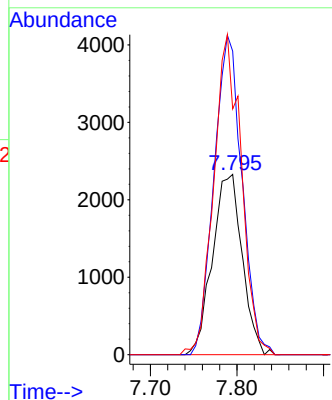
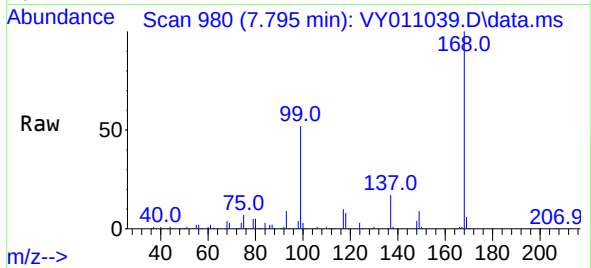




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

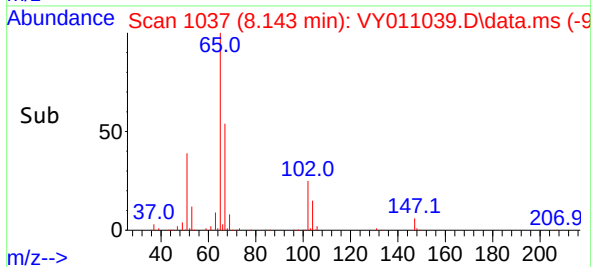
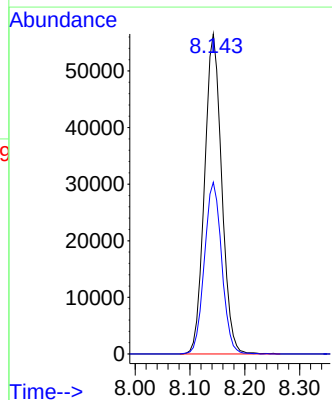
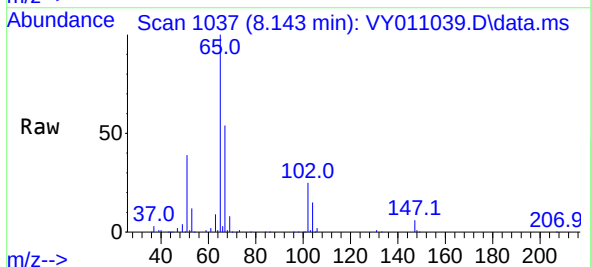
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

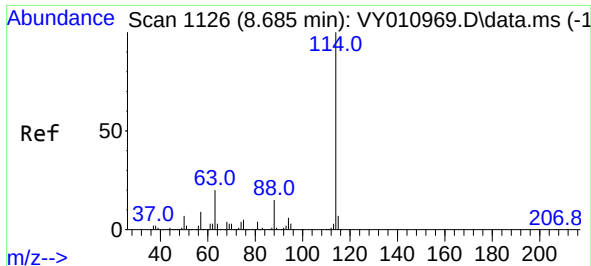
Tgt Ion: 56 Resp: 5560
Ion Ratio Lower Upper
56 100
69 168.4 26.7 40.1#
84 136.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.657 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 65 Resp: 122621
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

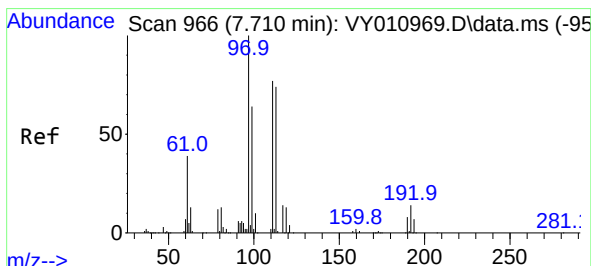
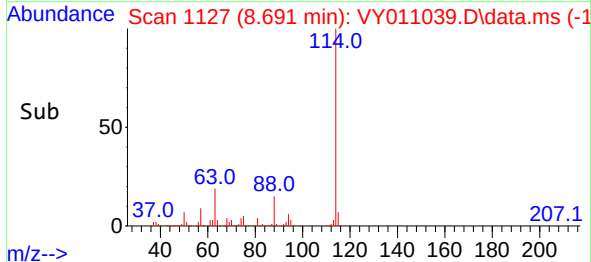
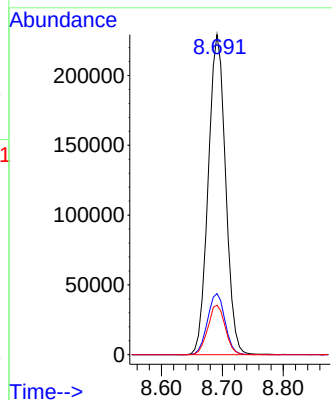
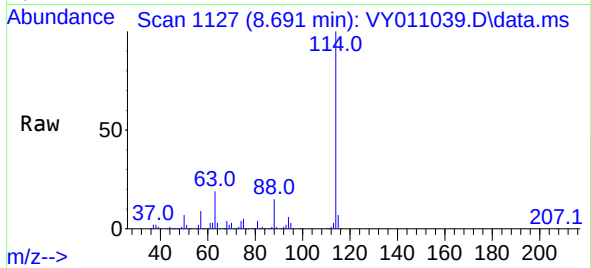




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

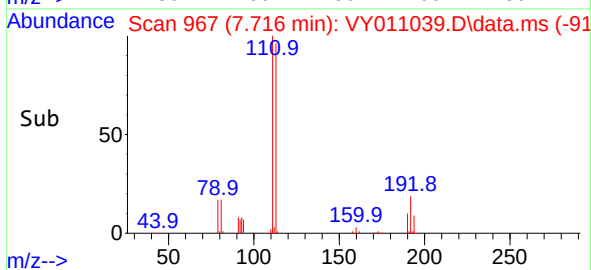
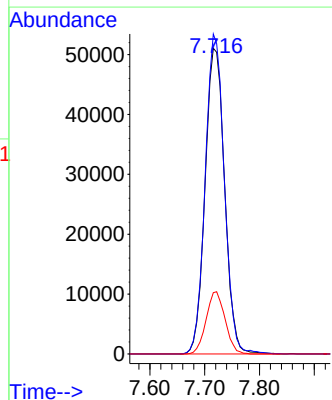
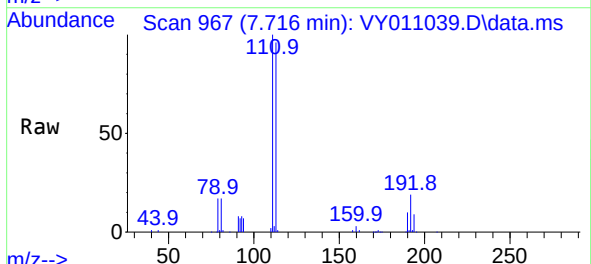
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

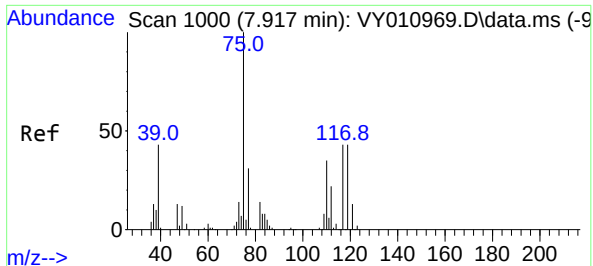
Tgt Ion:114 Resp: 453484
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.864 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion:113 Resp: 126062
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011039.D

Acq: 21 Oct 2022 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBL01

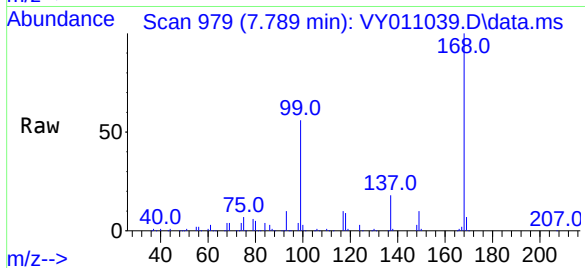
Tgt Ion: 75 Resp: 20491

Ion Ratio Lower Upper

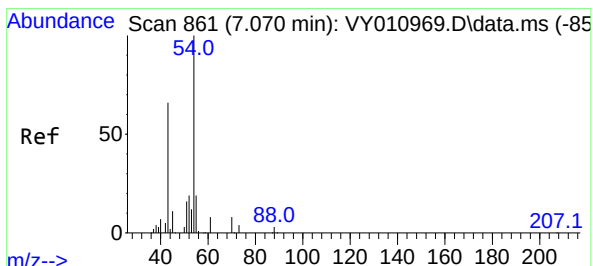
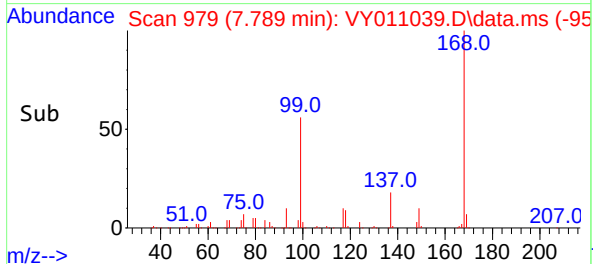
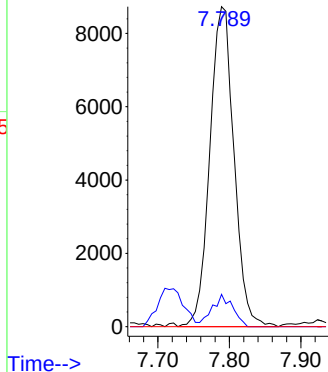
75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



Abundance



#37

Ethyl Acetate

Concen: 1.248 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY011039.D

Acq: 21 Oct 2022 10:55

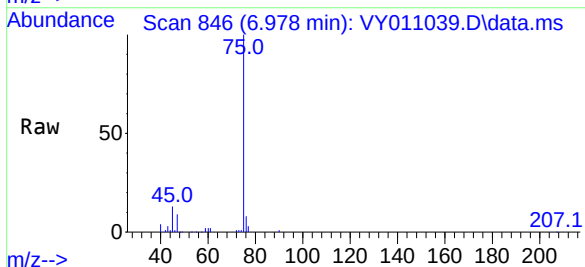
Tgt Ion: 43 Resp: 2918

Ion Ratio Lower Upper

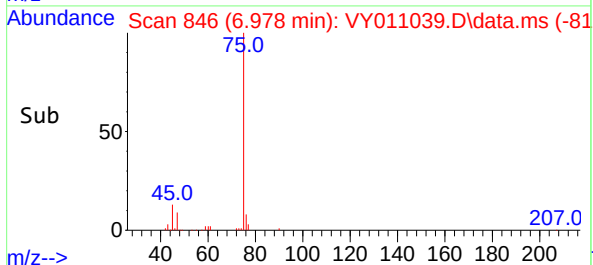
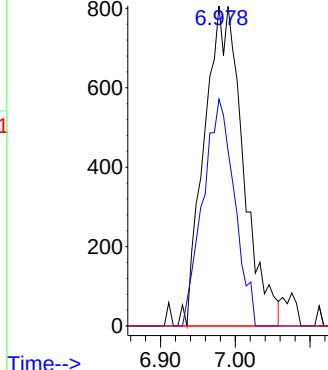
43 100

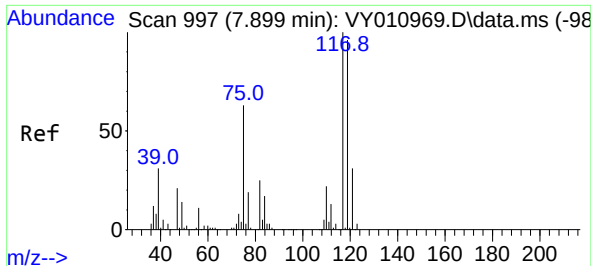
61 57.3 9.7 14.5#

70 0.0 7.1 10.7#



Abundance

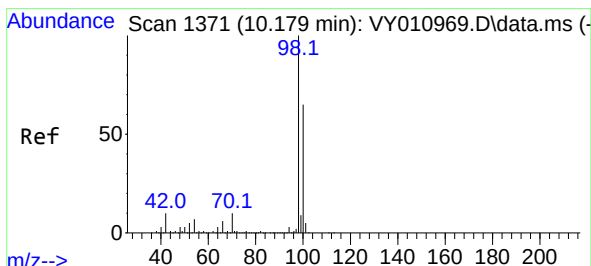
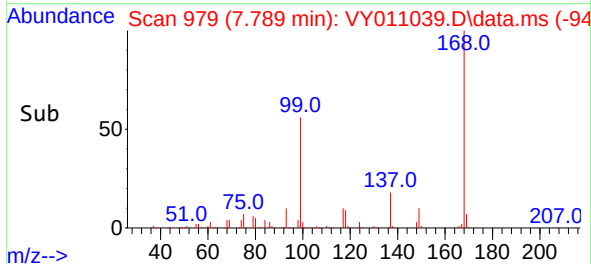
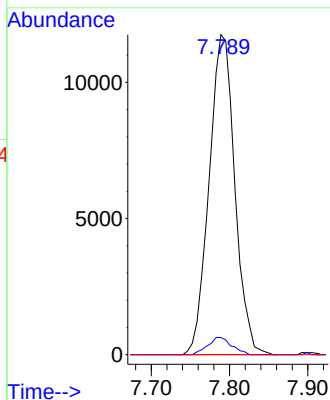
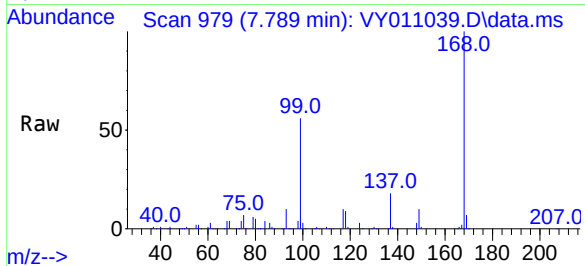




#38
Carbon Tetrachloride
Concen: 6.152 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

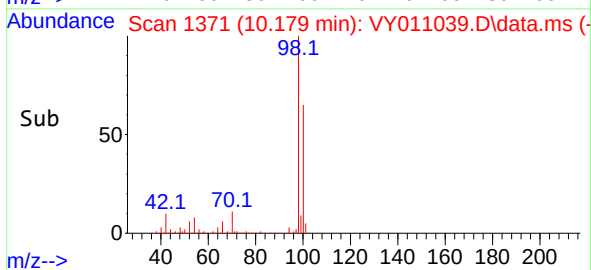
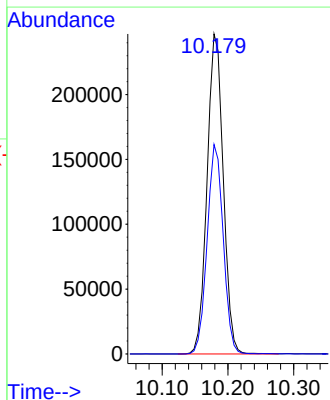
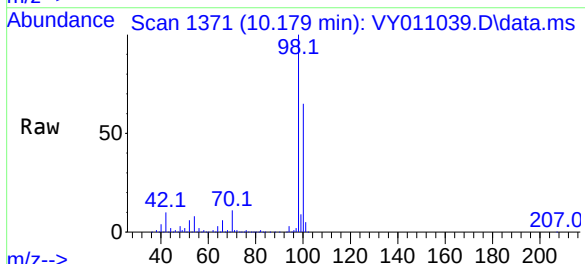
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

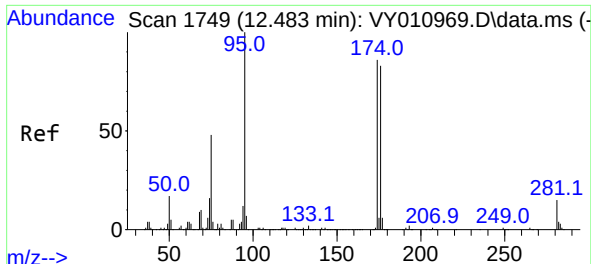
Tgt Ion:117 Resp: 26810
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 98 Resp: 422209
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

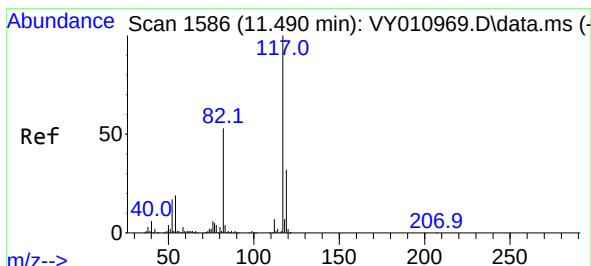
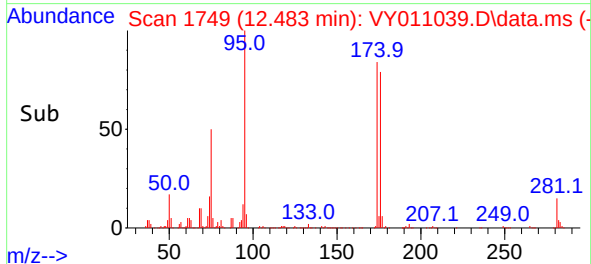
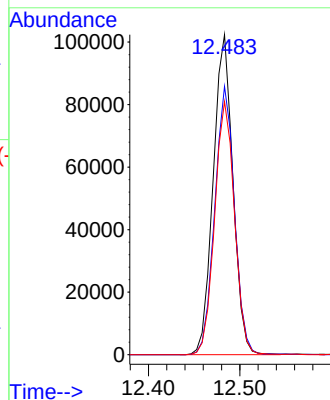
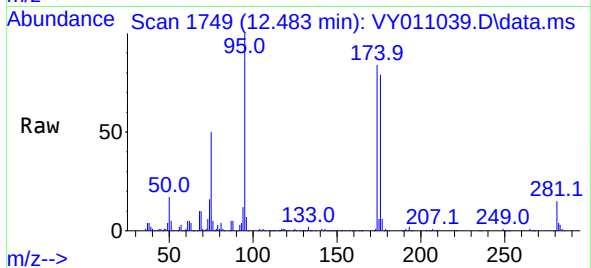




#62
4-Bromofluorobenzene
Concen: 45.422 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

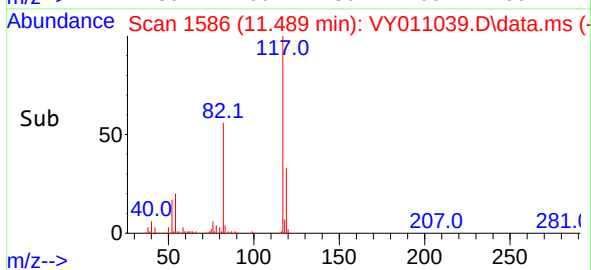
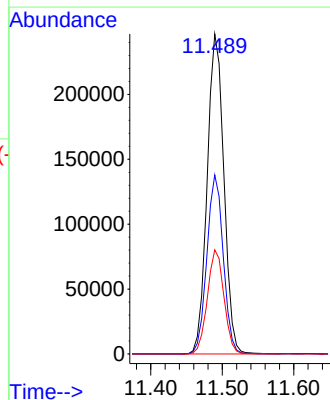
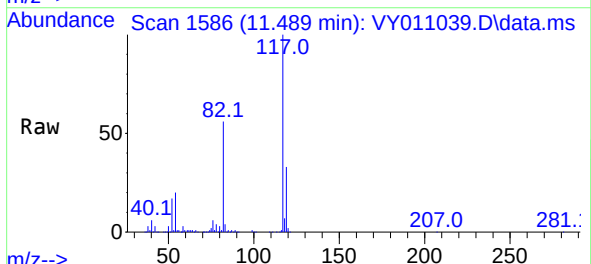
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

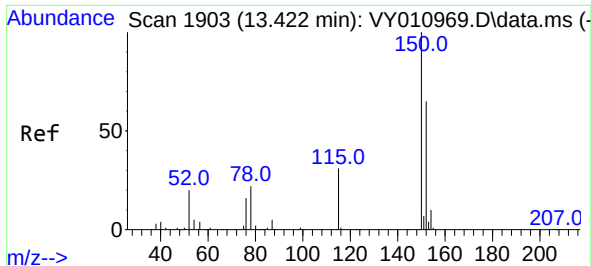
Tgt Ion: 95 Resp: 153295
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 79.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 117 Resp: 400350
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 32.5 25.4 38.0

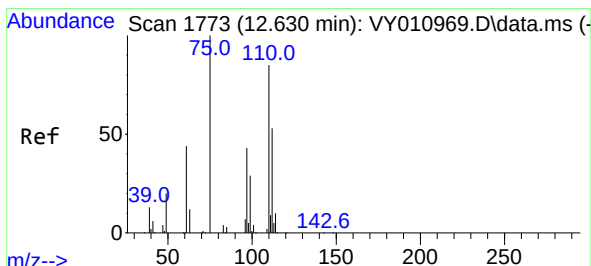
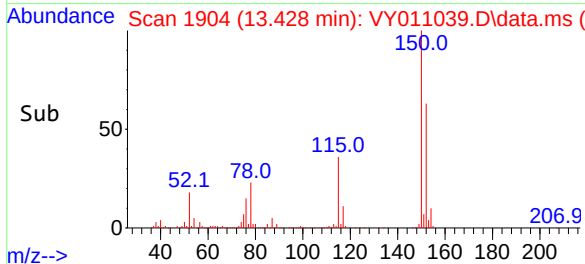
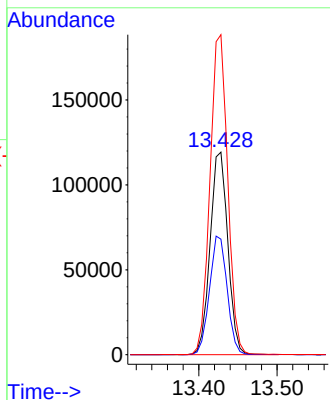
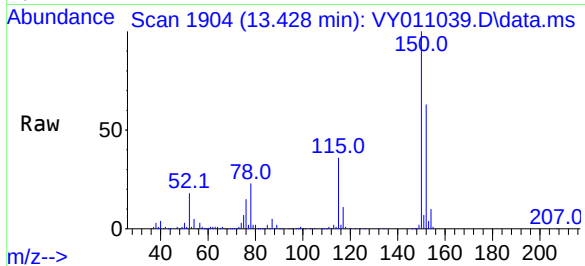




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

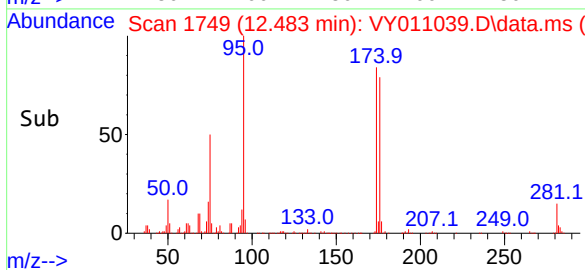
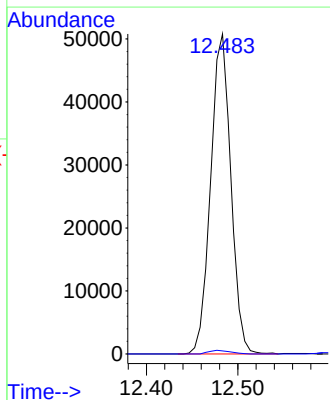
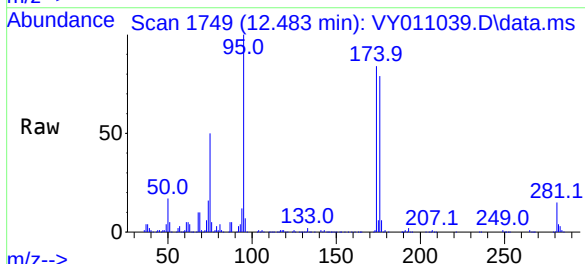
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

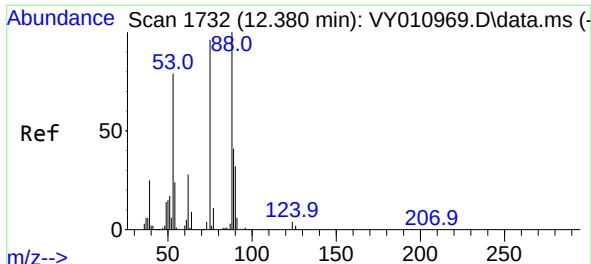
Tgt Ion:152 Resp: 187706
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 36.541 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011039.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 75 Resp: 77872
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.590 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011039.D
 Acq: 21 Oct 2022 10:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBL01

Tgt Ion: 75 Resp: 77872
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

