

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007816.D
 Acq On : 09 Mar 2022 21:47
 Operator : SY/MD
 Sample : N1843-01
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:06:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

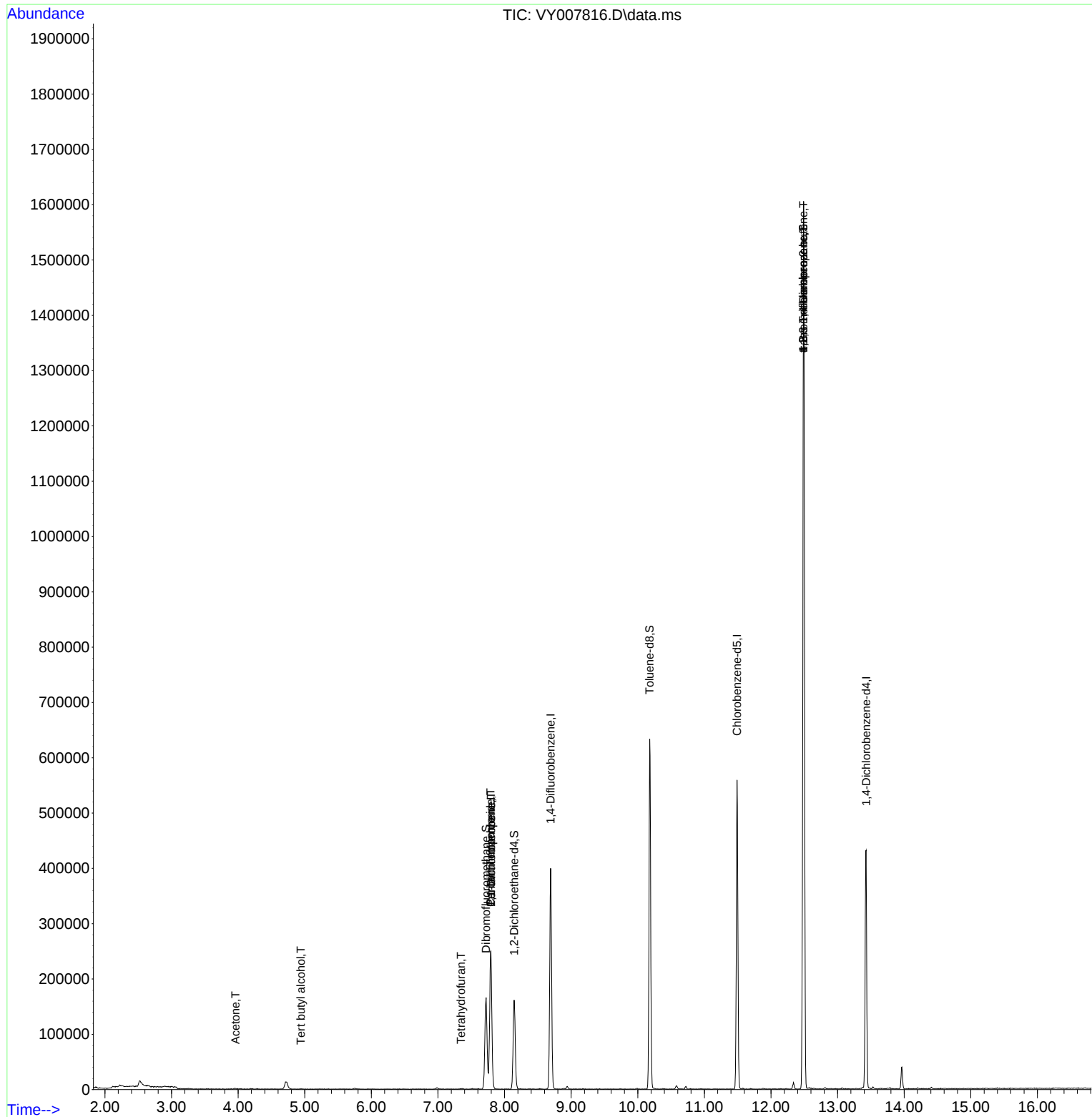
Internal Standards						
1) Pentafluorobenzene	7.795	168	190805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	284869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121696	60.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.840%	
35) Dibromofluoromethane	7.722	113	112546	53.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.780%	
50) Toluene-d8	10.179	98	403556	52.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.483	95	114881	45.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1104	Below Cal		97
11) Tert butyl alcohol	4.942	59	504	2.914 ug/l	#	77
13) Acrolein	3.826	56	22	Below Cal	#	34
16) Acetone	3.961	43	2054	5.055 ug/l		99
17) Carbon Disulfide	4.198	76	1657	Below Cal	#	75
18) Methyl Acetate	4.485	43	253	Below Cal	#	56
29) Tetrahydrofuran	7.344	42	716	1.535 ug/l	#	70
31) Cyclohexane	7.789	56	5225	Below Cal	#	5
36) 1,1-Dichloropropene	7.795	75	16128	4.864 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	18922	5.349 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	76940	63.542 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76940	129.902 ug/l	#	9

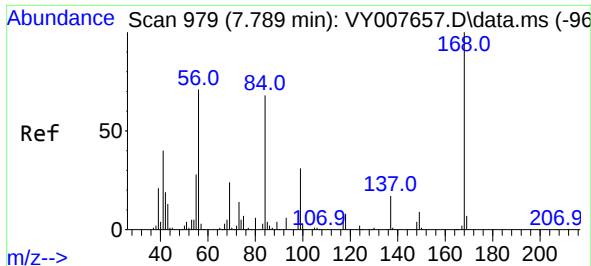
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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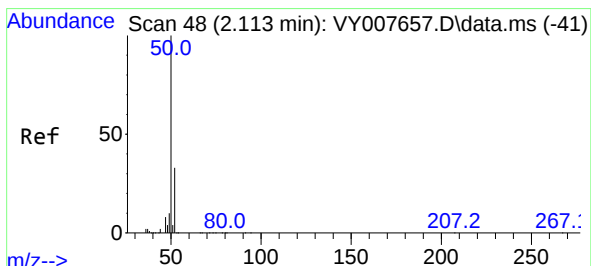
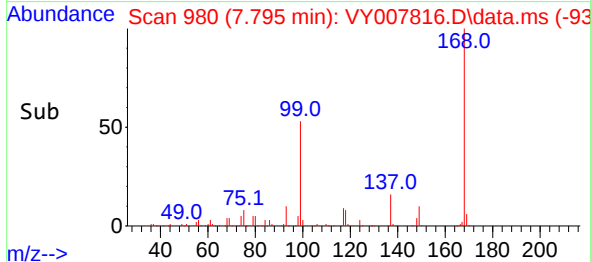
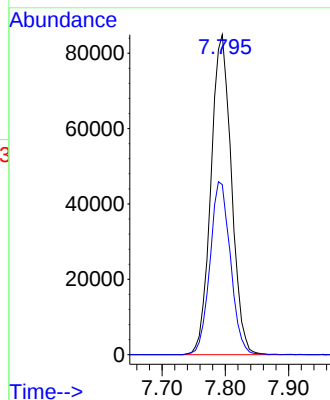
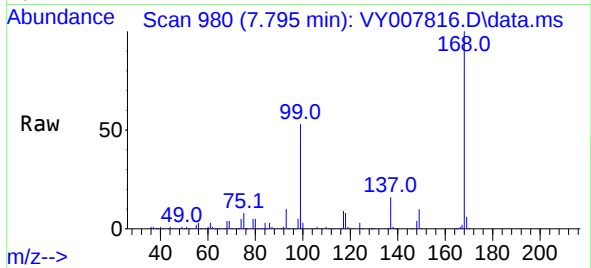




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

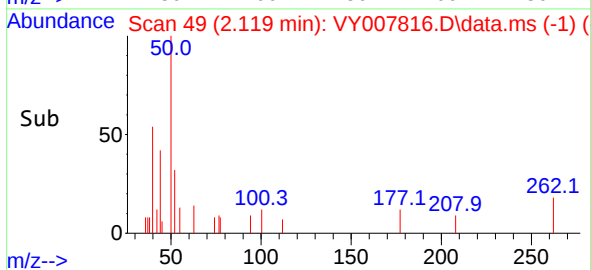
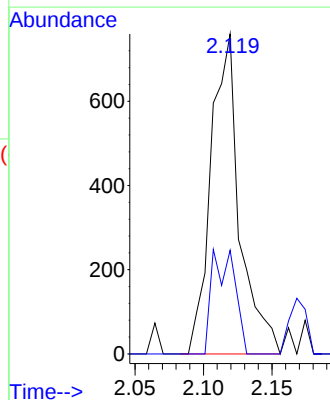
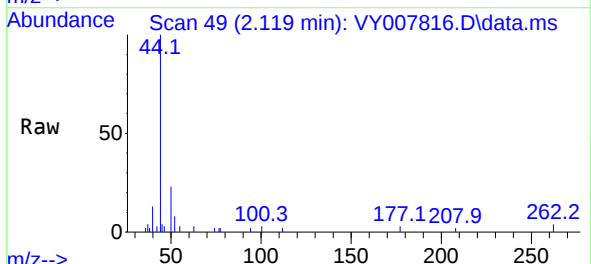
Instrument :
MSVOA_Y
ClientSampleId :

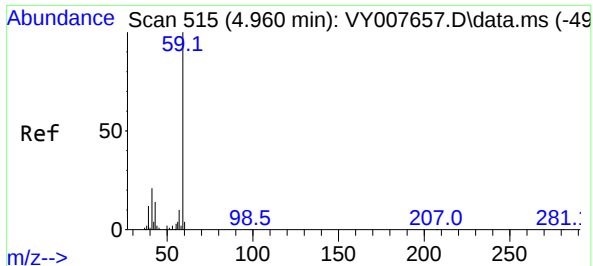
Tgt Ion:168 Resp: 190805
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

Tgt Ion: 50 Resp: 1104
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0

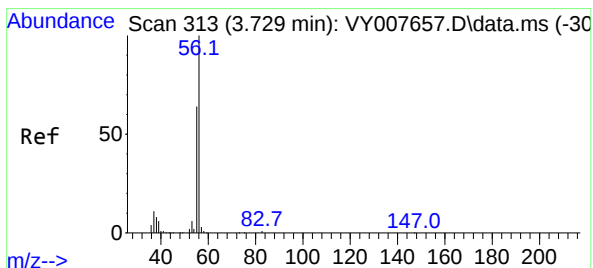
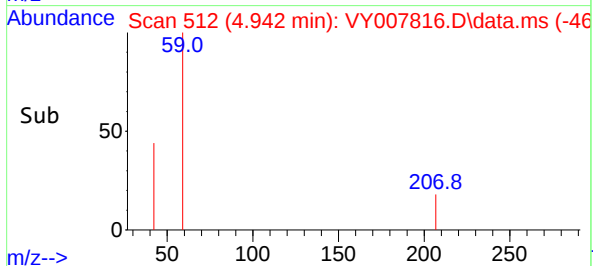
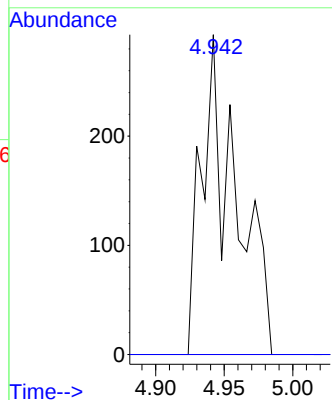
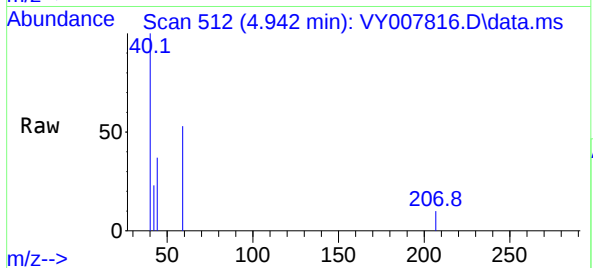




#11
Tert butyl alcohol
Concen: 2.914 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

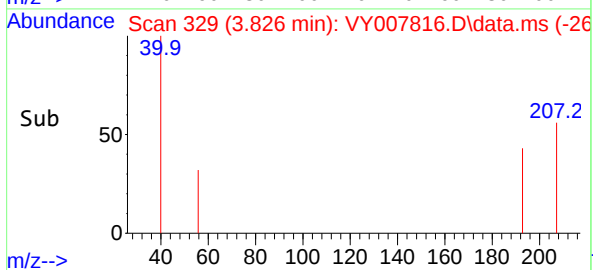
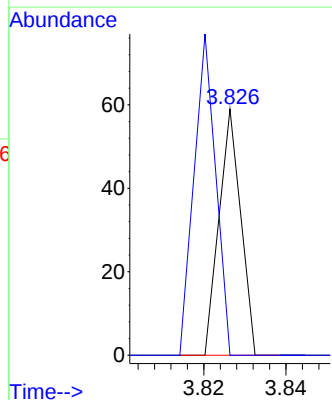
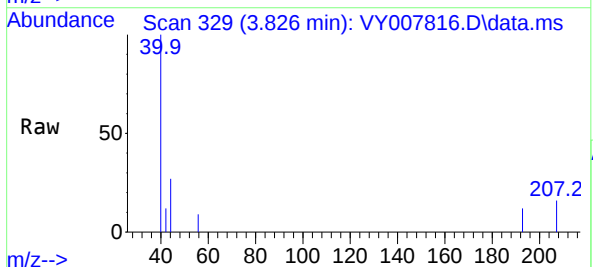
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.826 min Scan# 329
Delta R.T. 0.097 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 127.3 57.6 86.4#

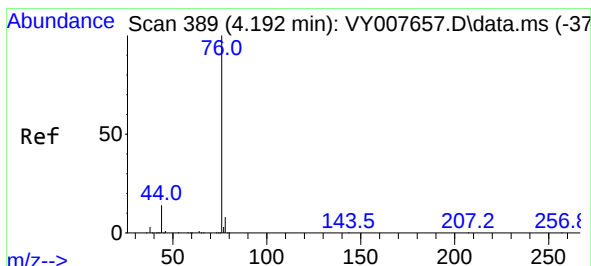
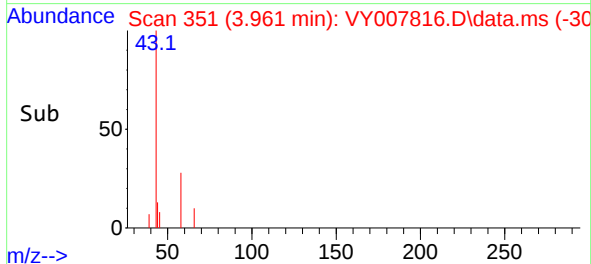
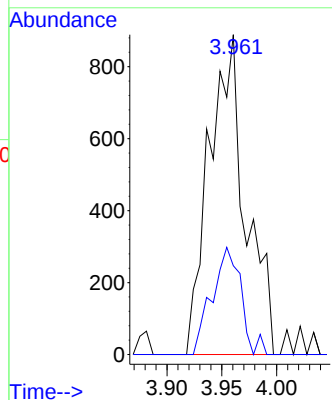
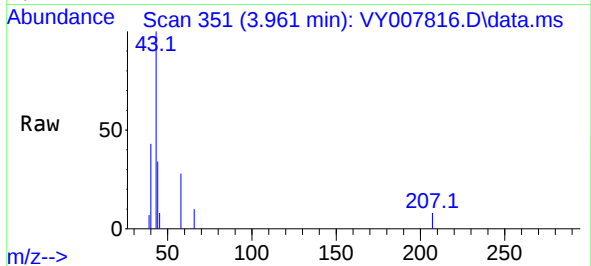




#16
Acetone
Concen: 5.055 ug/l
RT: 3.961 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

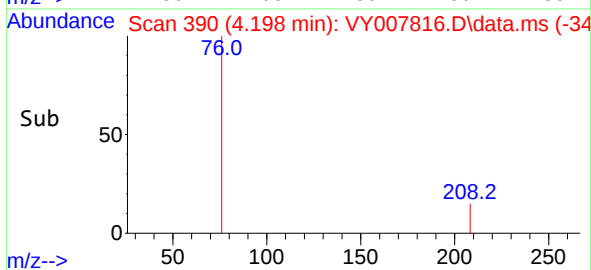
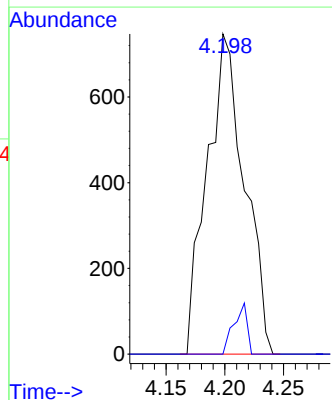
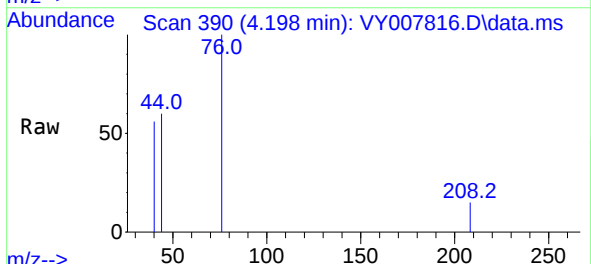
Instrument :
MSVOA_Y
ClientSampleId :

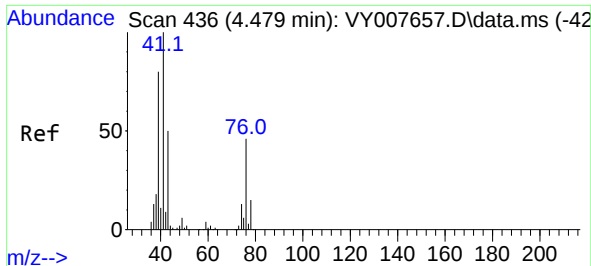
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

Tgt Ion: 76 Resp: 1657
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

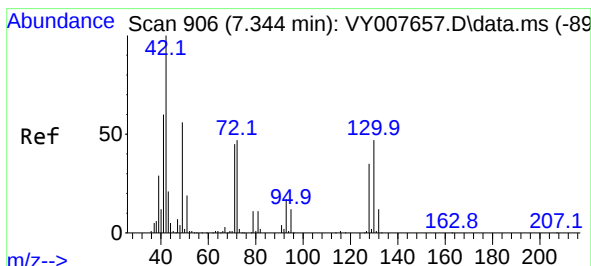
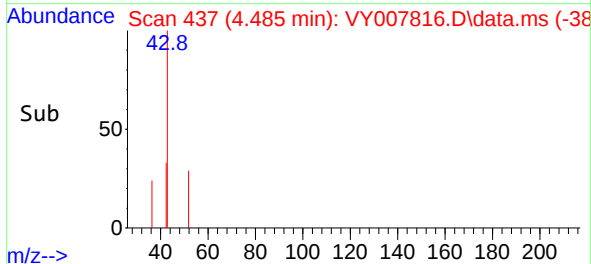
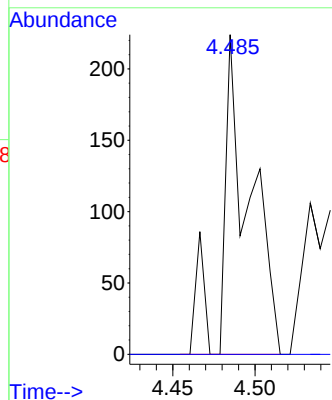
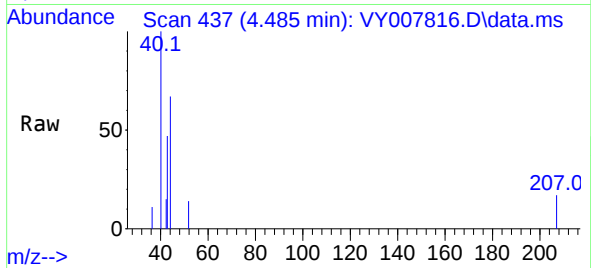




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

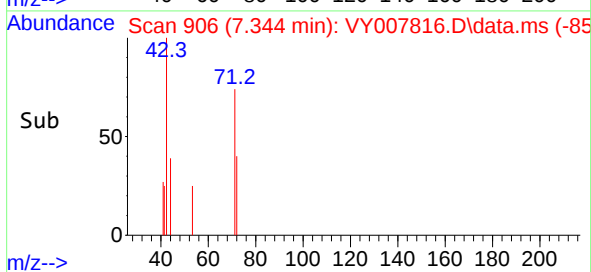
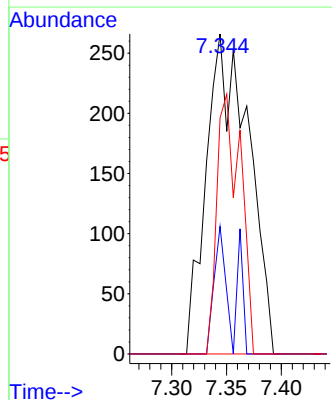
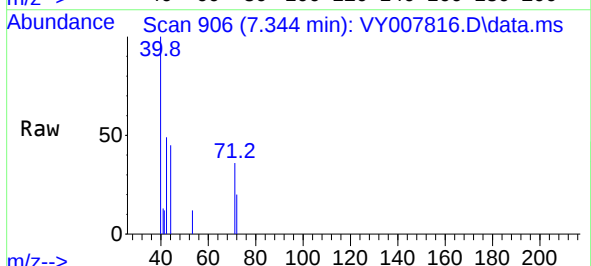
Instrument :
MSVOA_Y
ClientSampleId :

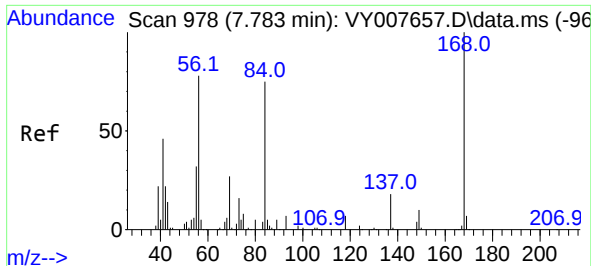
Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#29
Tetrahydrofuran
Concen: 1.535 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

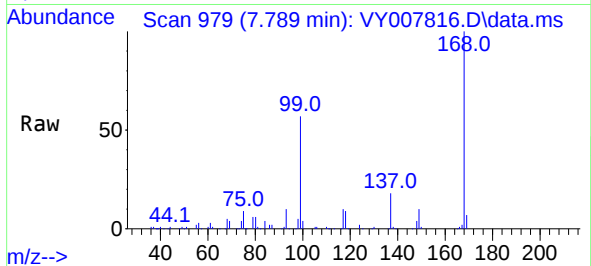
Tgt Ion: 42 Resp: 716
Ion Ratio Lower Upper
42 100
72 10.9 30.3 45.5#
71 45.1 29.0 43.4#



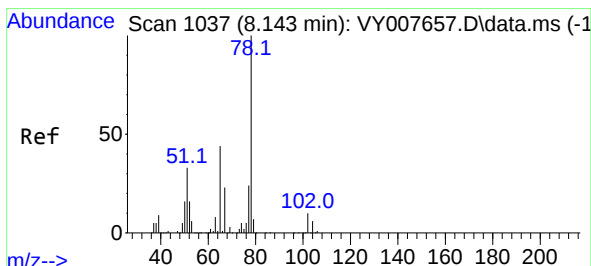
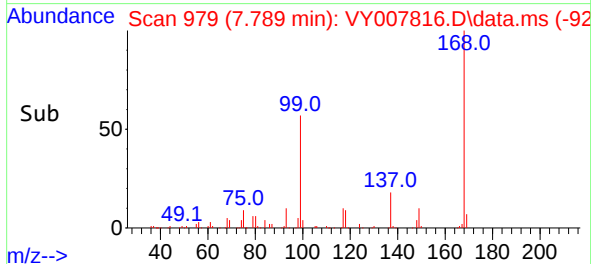
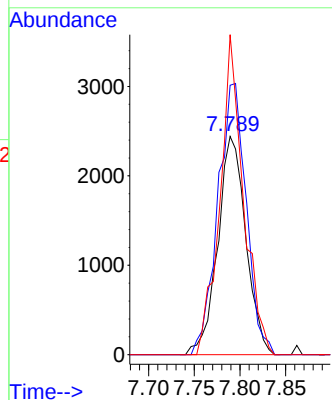


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

Instrument :
MSVOA_Y
ClientSampleId :

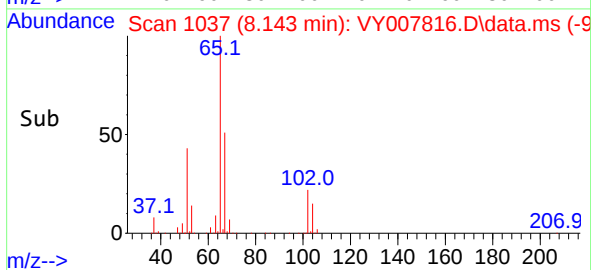
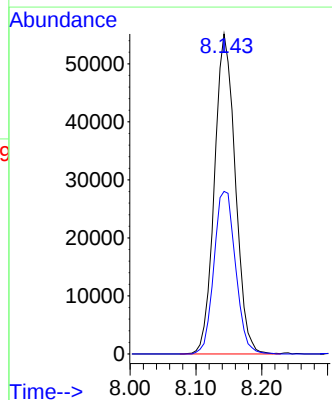
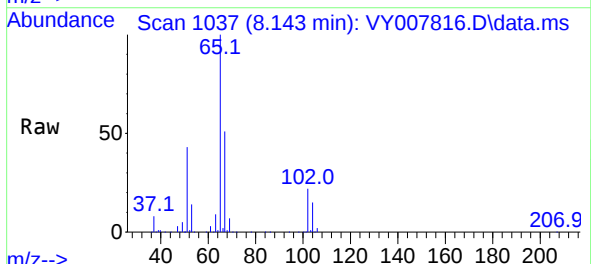


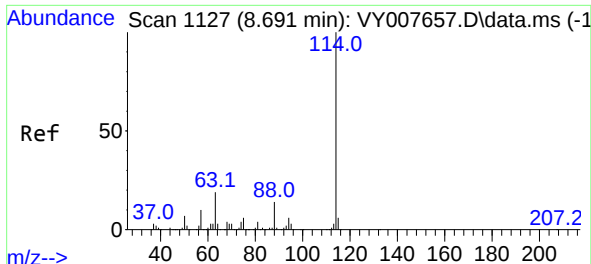
Tgt Ion: 56 Resp: 5225
Ion Ratio Lower Upper
56 100
69 123.5 26.7 40.1#
84 146.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.923 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

Tgt Ion: 65 Resp: 121696
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007816.D

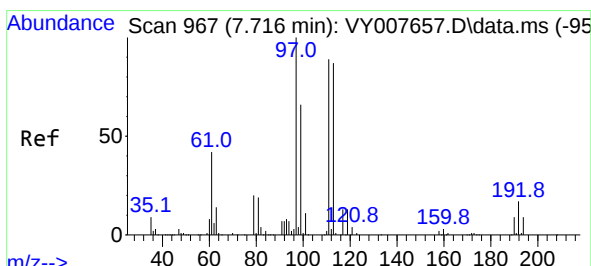
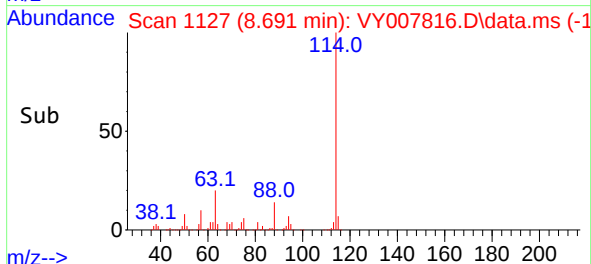
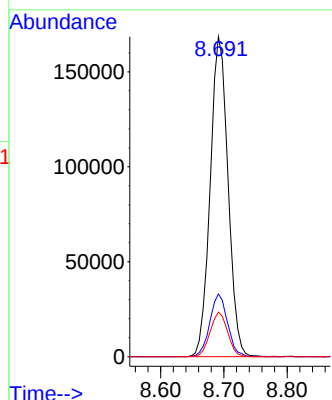
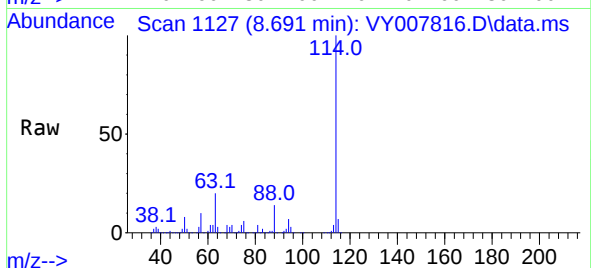
Acq: 09 Mar 2022 21:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	329706
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.2
88	13.9	0.0	31.8



#35

Dibromofluoromethane

Concen: 53.392 ug/l

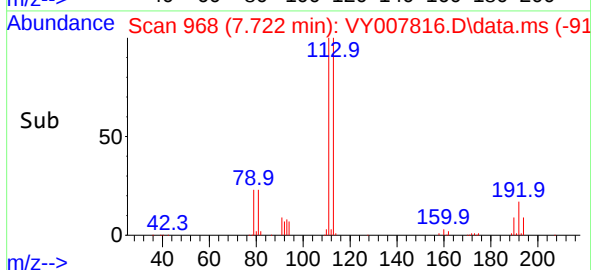
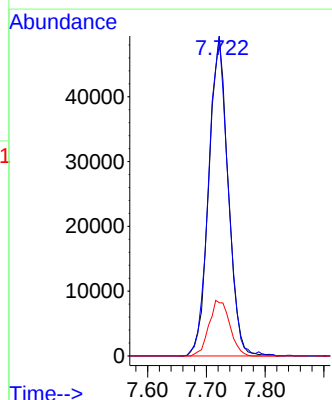
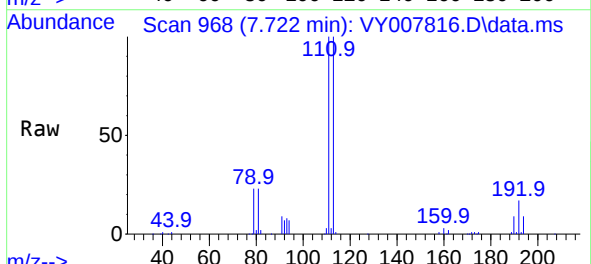
RT: 7.722 min Scan# 968

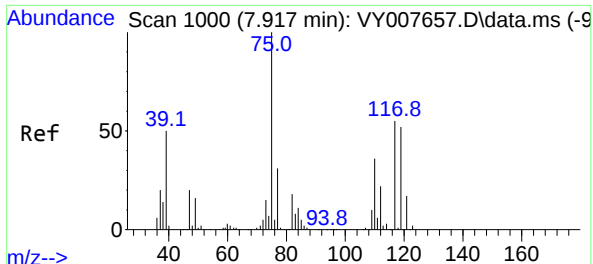
Delta R.T. 0.006 min

Lab File: VY007816.D

Acq: 09 Mar 2022 21:47

Tgt Ion:	113	Resp:	112546
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	124.0
192	18.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

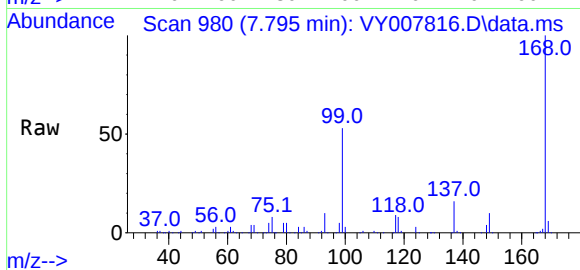
Lab File: VY007816.D

Acq: 09 Mar 2022 21:47

Instrument :

MSVOA_Y

ClientSampleId :



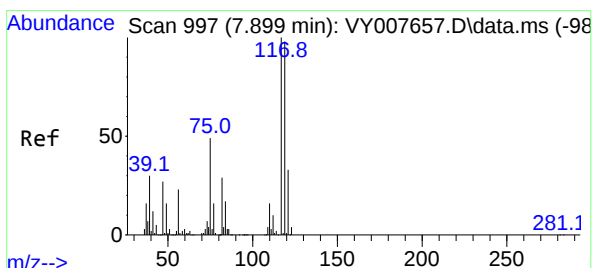
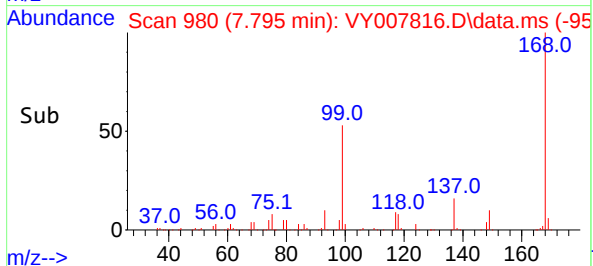
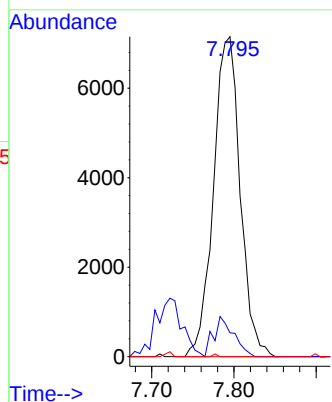
Tgt Ion: 75 Resp: 16128

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.1 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.349 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007816.D

Acq: 09 Mar 2022 21:47

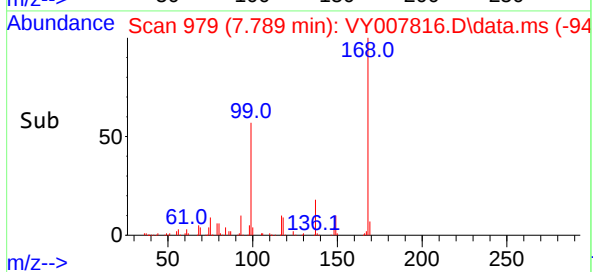
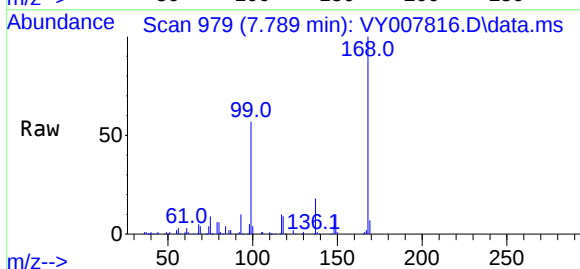
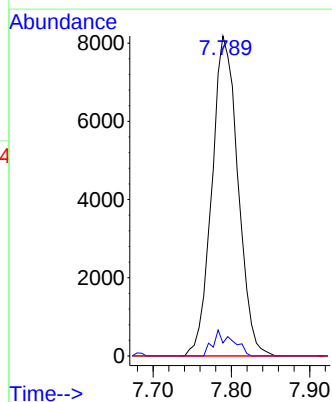
Tgt Ion: 117 Resp: 18922

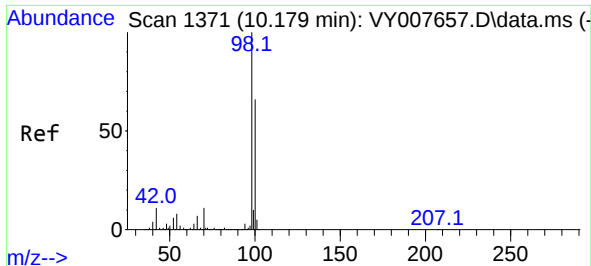
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

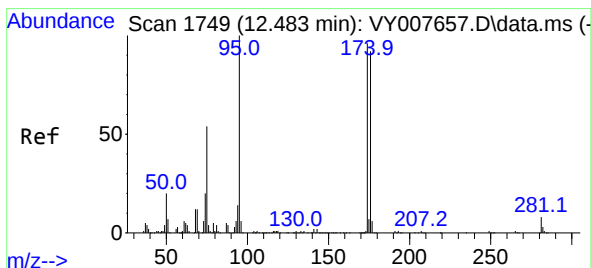
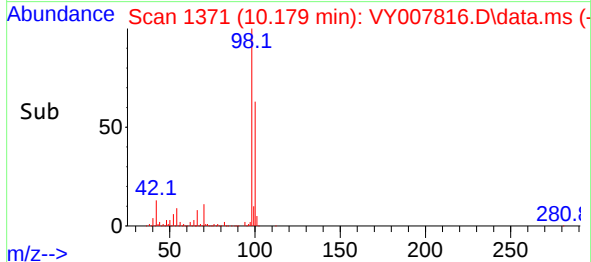
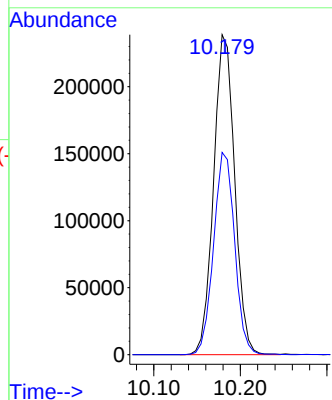
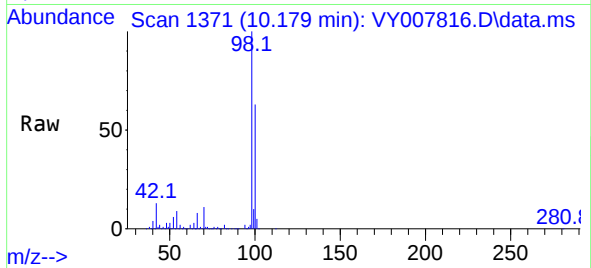




#50
Toluene-d8
Concen: 52.009 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

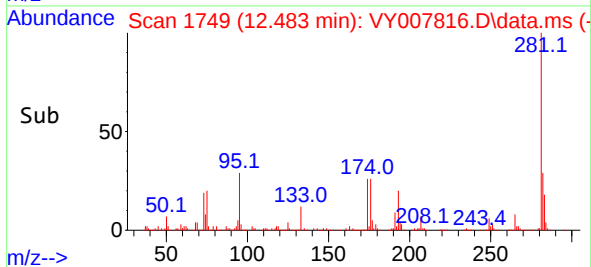
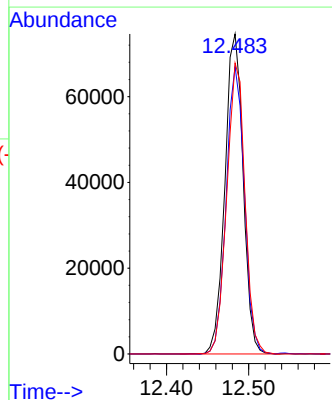
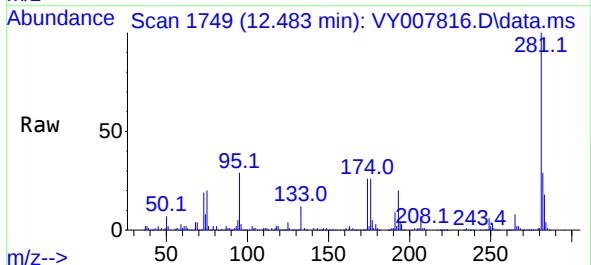
Instrument :
MSVOA_Y
ClientSampleId :

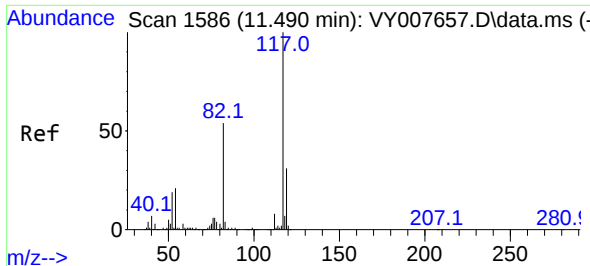
Tgt Ion: 98 Resp: 403556
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.931 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

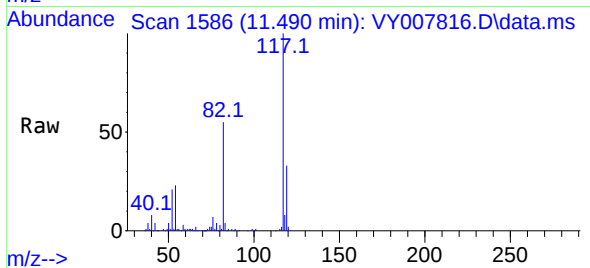
Tgt Ion: 95 Resp: 114881
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 90.8 0.0 175.8



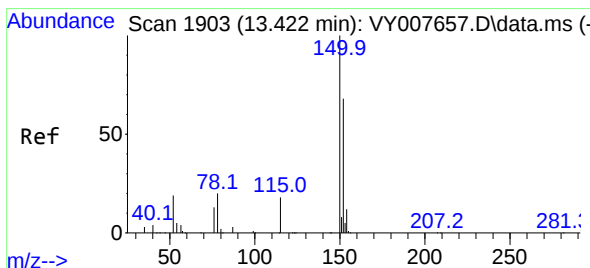
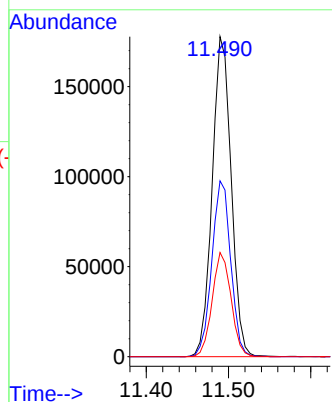
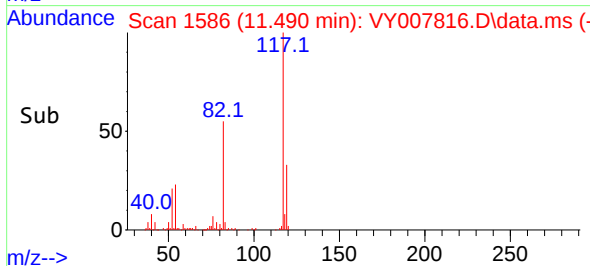


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

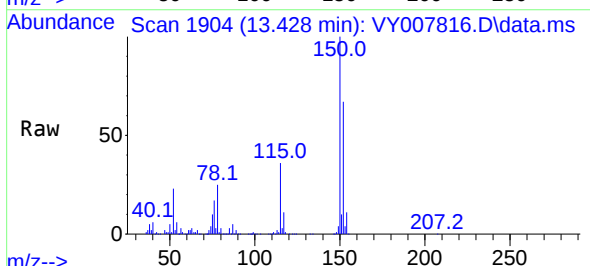
Instrument :
MSVOA_Y
ClientSampleId :



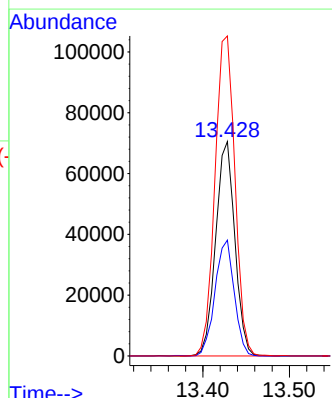
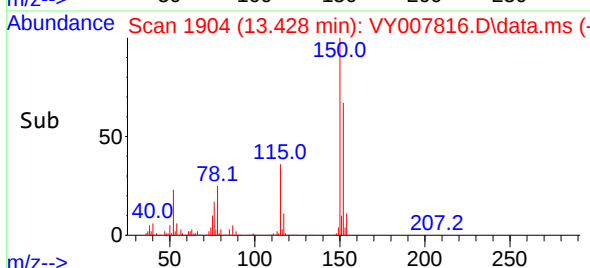
Tgt Ion:117 Resp: 284869
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.6 25.4 38.0

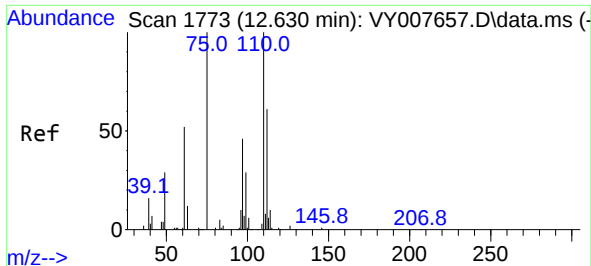


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47



Tgt Ion:152 Resp: 108426
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 155.5 0.0 347.6

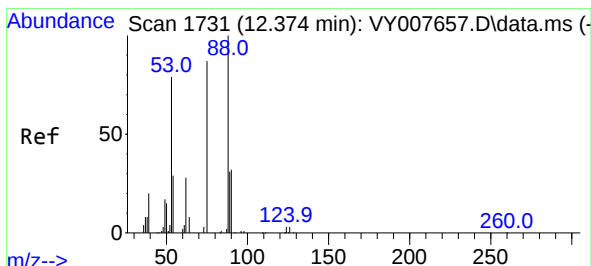
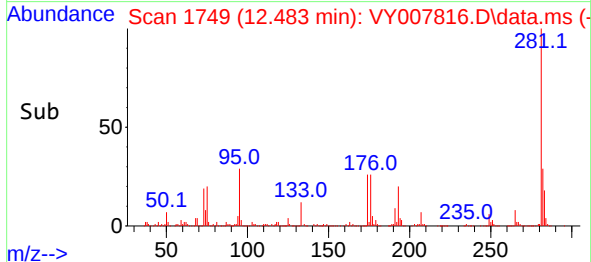
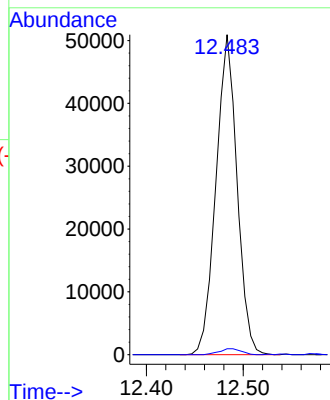
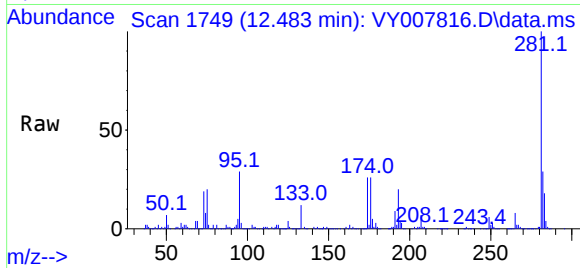




#76
1,2,3-Trichloropropane
Concen: 63.542 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76940
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.902 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007816.D
Acq: 09 Mar 2022 21:47

Tgt Ion: 75 Resp: 76940
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 4.3 37.0 55.4#

