

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007817.D
 Acq On : 09 Mar 2022 22:11
 Operator : SY/MD
 Sample : N1843-03
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:06:37 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)

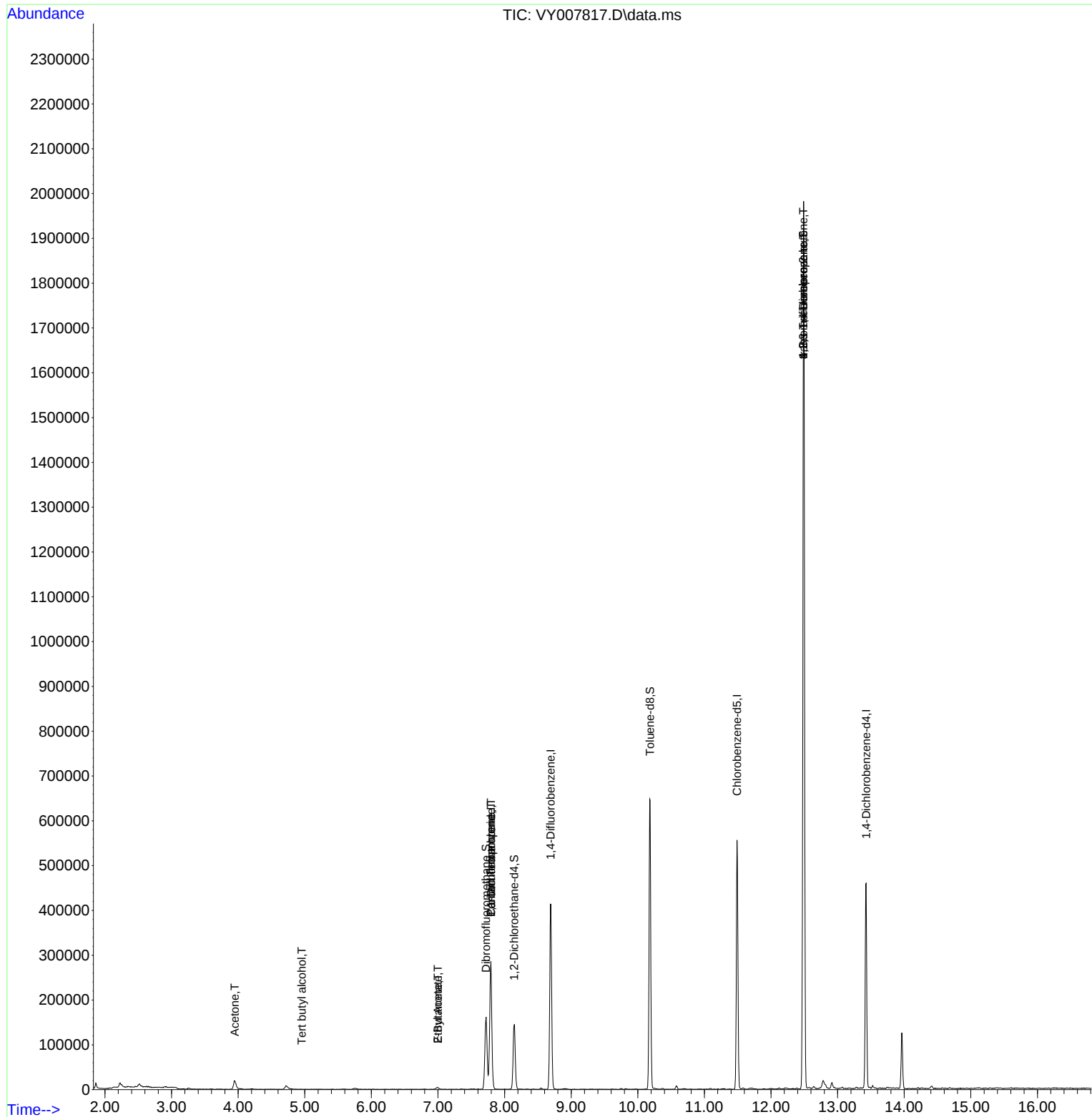
Internal Standards						
1) Pentafluorobenzene	7.795	168	208972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	289804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109933	50.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.500%	
35) Dibromofluoromethane	7.722	113	107018	48.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.840%	
50) Toluene-d8	10.185	98	420273	51.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.483	95	119954	45.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	126	Below Cal	#	43
3) Chloromethane	2.113	50	688	Below Cal		89
11) Tert butyl alcohol	4.954	59	274	1.447 ug/l	#	77
13) Acrolein	3.747	56	58	Below Cal	#	14
16) Acetone	3.948	43	32228	72.415 ug/l		92
17) Carbon Disulfide	4.204	76	858	Below Cal	#	75
18) Methyl Acetate	4.473	43	20	Below Cal	#	56
20) Methylene Chloride	4.716	84	4466	Below Cal	#	85
25) 2-Butanone	6.996	43	6227	8.341 ug/l		96
31) Cyclohexane	7.789	56	5043	Below Cal	#	13
36) 1,1-Dichloropropene	7.795	75	17898	5.148 ug/l	#	52
37) Ethyl Acetate	6.996	43	6227	3.243 ug/l	#	72
38) Carbon Tetrachloride	7.795	117	21585	5.820 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	80698	64.634 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80698	132.136 ug/l	#	10

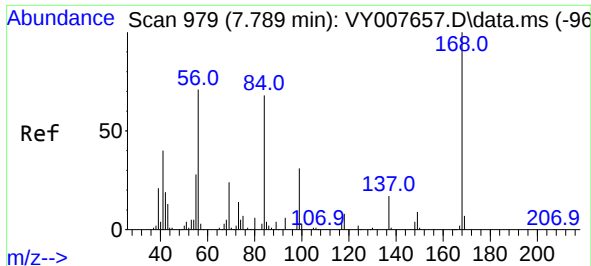
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
Data File : VY007817.D
Acq On : 09 Mar 2022 22:11
Operator : SY/MD
Sample : N1843-03
Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 10 01:06:37 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

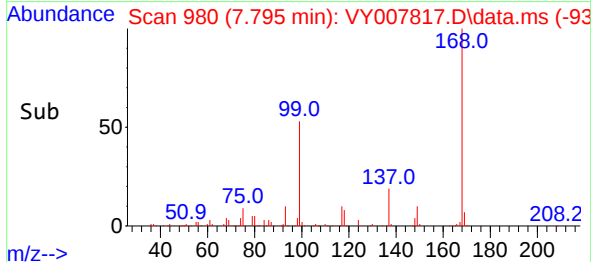
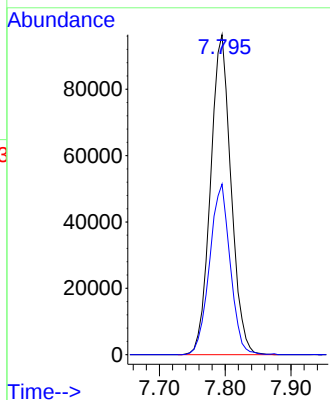
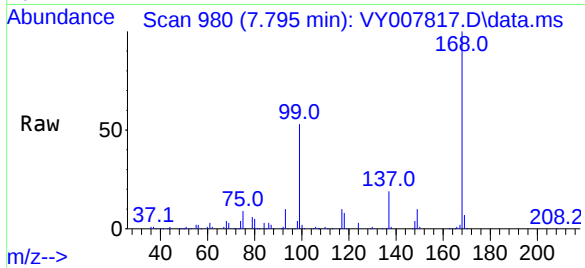




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

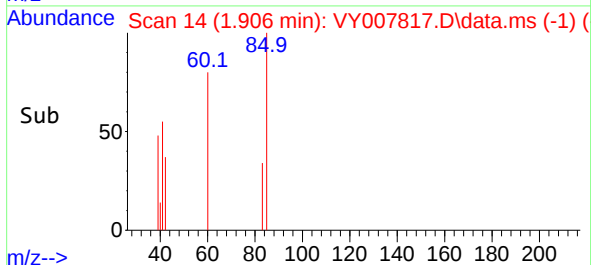
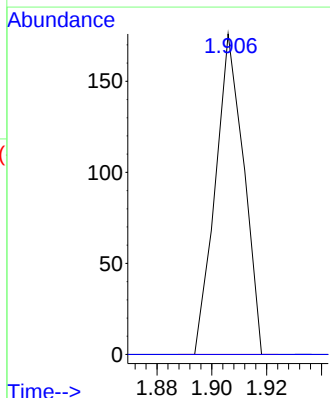
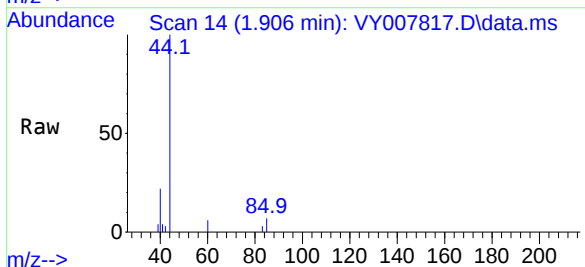
Instrument :
MSVOA_Y
ClientSampleId :

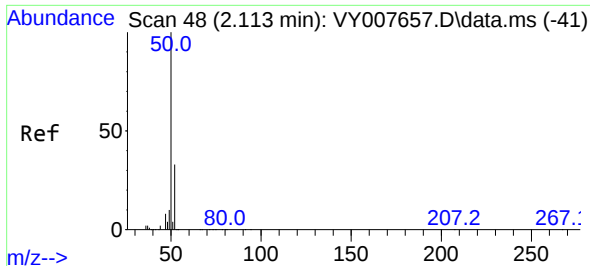
Tgt Ion:168 Resp: 208972
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 85 Resp: 126
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

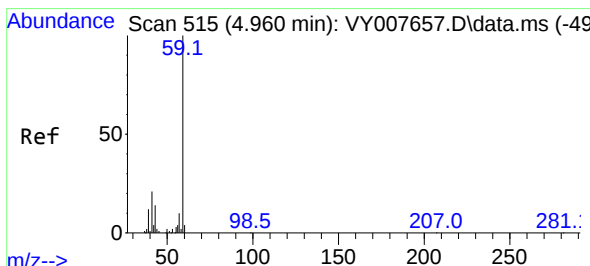
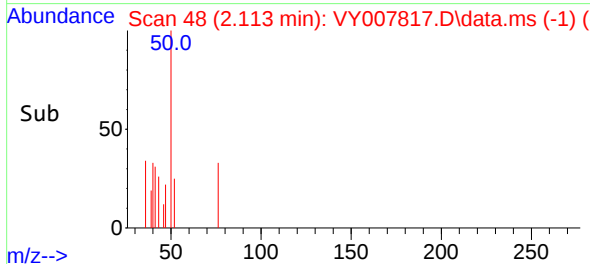
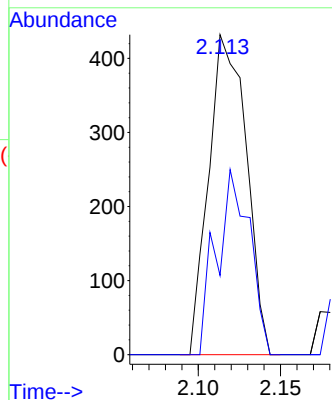
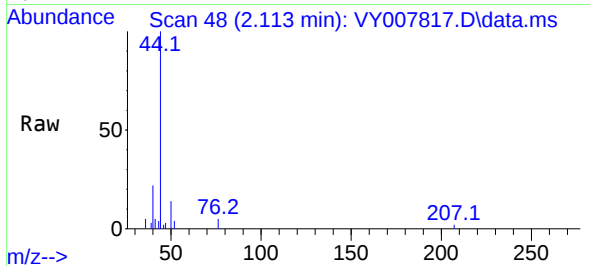




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

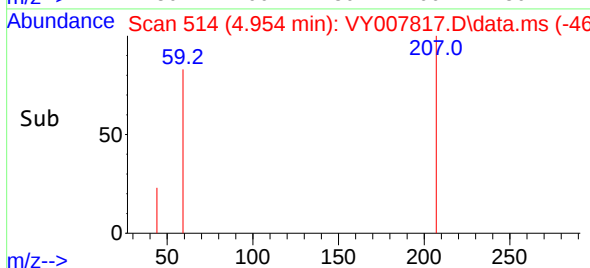
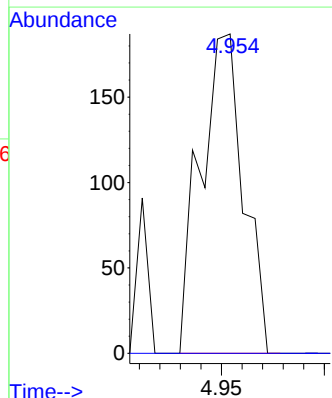
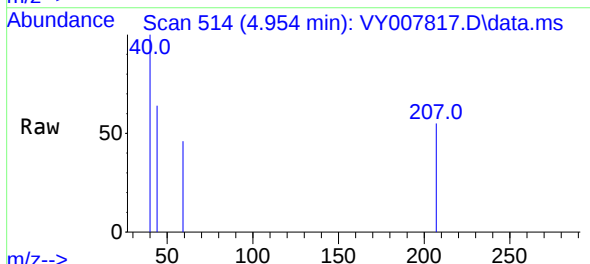
Instrument :
MSVOA_Y
ClientSampleId :

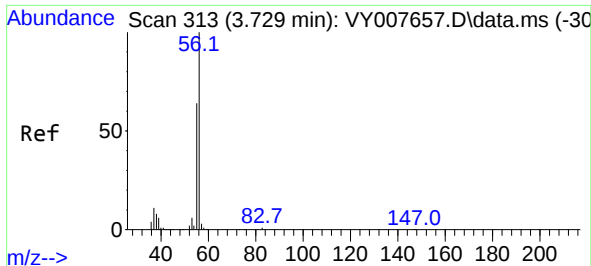
Tgt Ion: 50 Resp: 688
Ion Ratio Lower Upper
50 100
52 24.8 24.6 37.0



#11
Tert butyl alcohol
Concen: 1.447 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

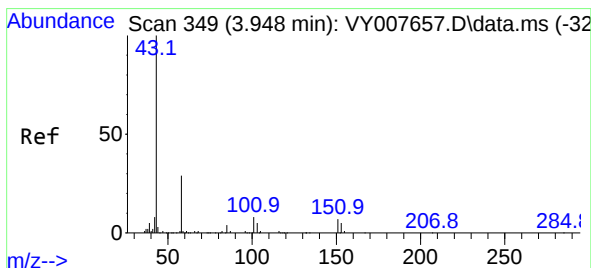
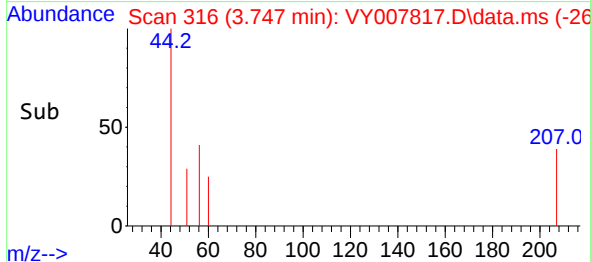
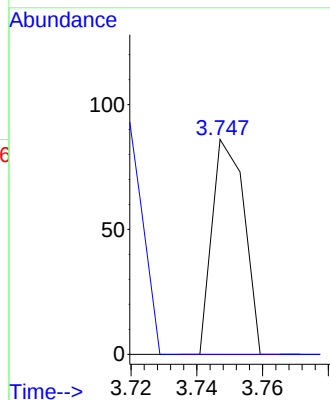
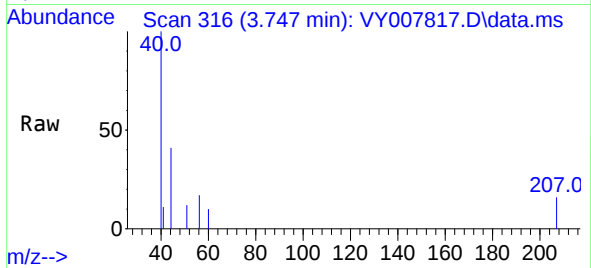




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 313
Delta R.T. 0.018 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

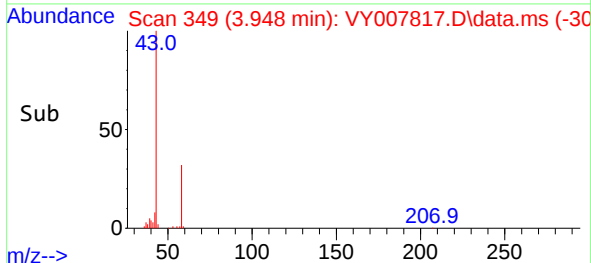
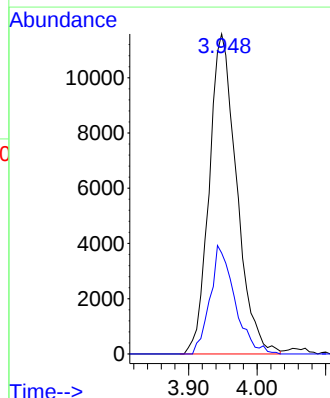
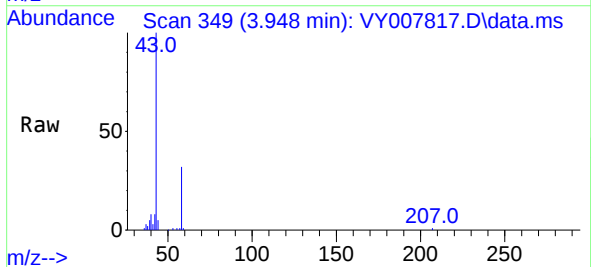
Instrument :
MSVOA_Y
ClientSampleId :

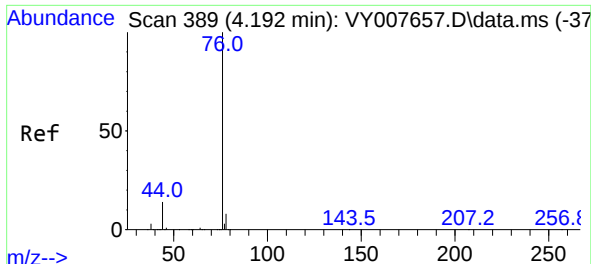
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 72.415 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 43 Resp: 32228
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0

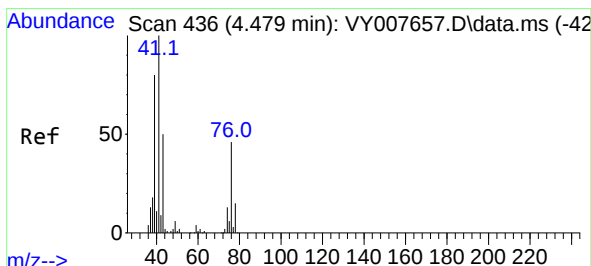
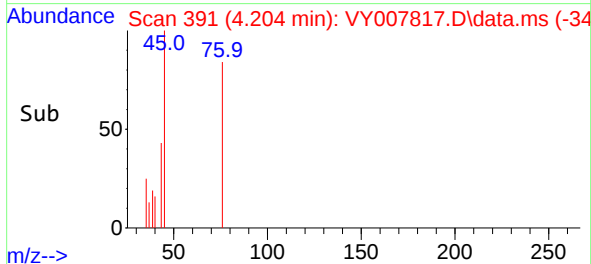
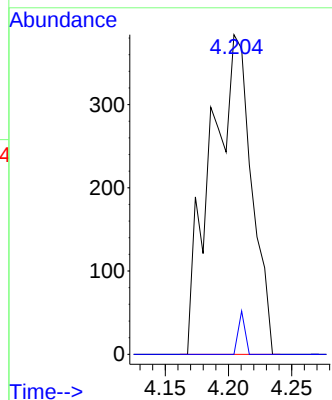
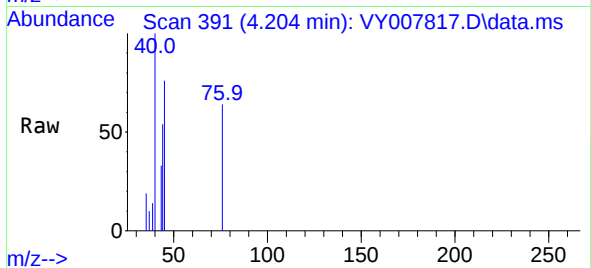




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

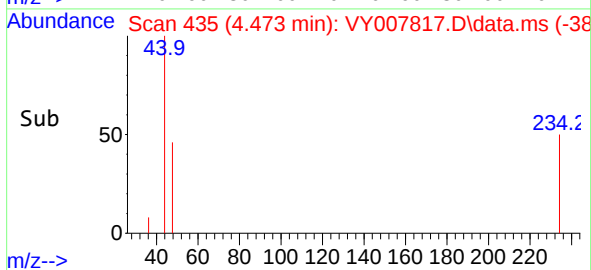
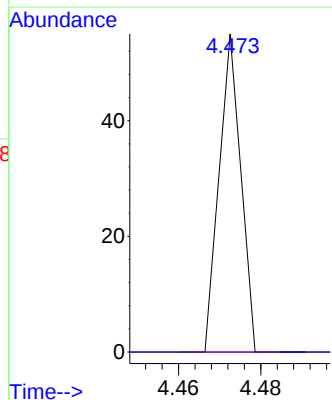
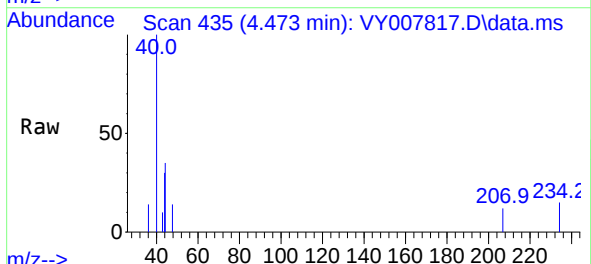
Instrument :
MSVOA_Y
ClientSampleId :

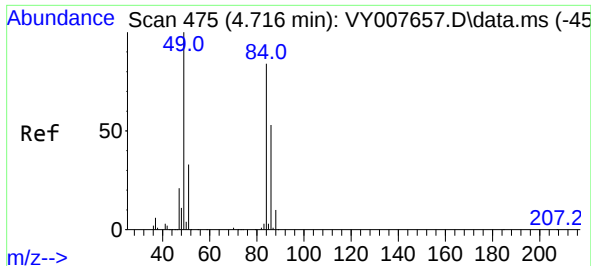
Tgt Ion: 76 Resp: 858
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

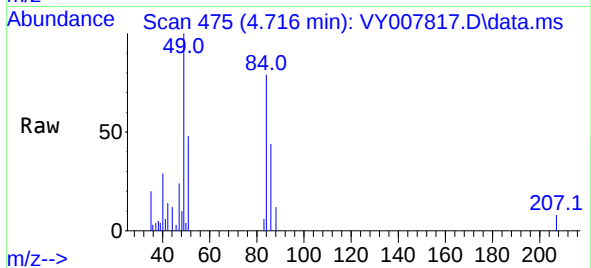
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





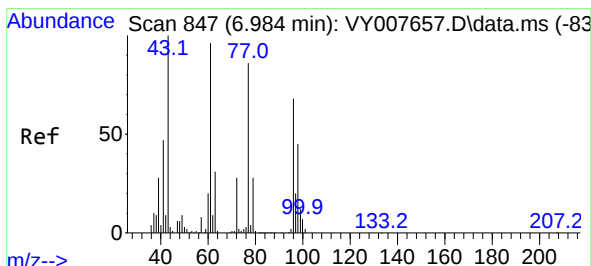
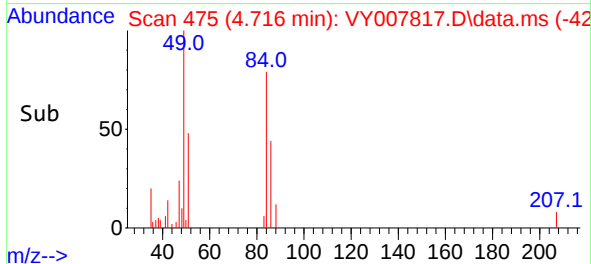
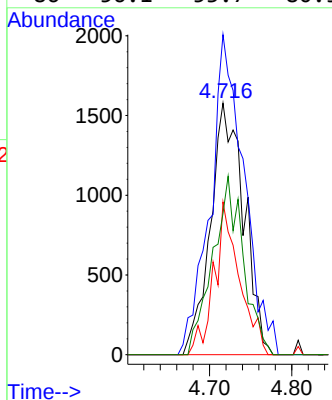
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4466

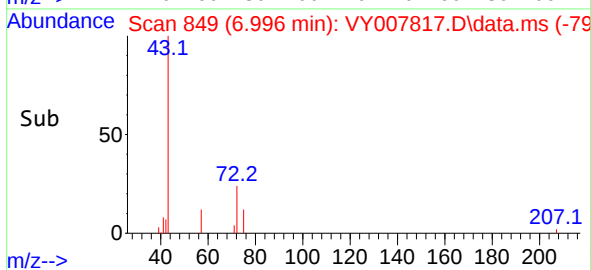
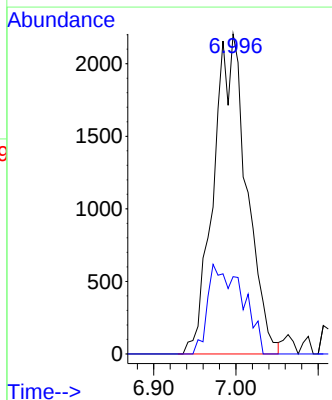
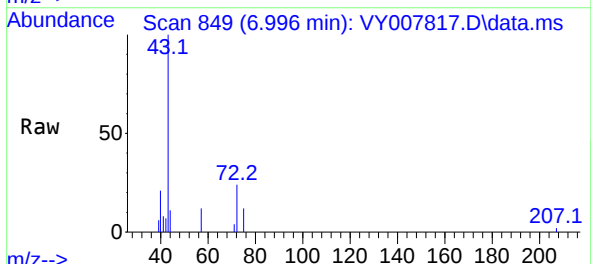
Ion	Ratio	Lower	Upper
84	100		
49	127.2	114.4	171.6
51	60.6	35.3	52.9#
86	56.1	53.7	80.5

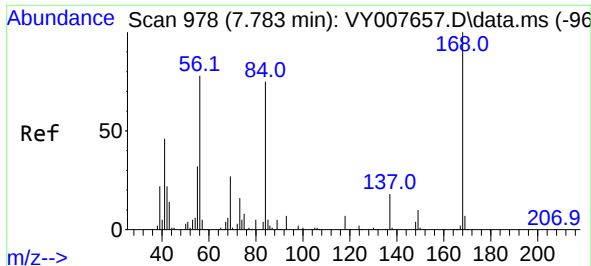


#25
2-Butanone
Concen: 8.341 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 43 Resp: 6227

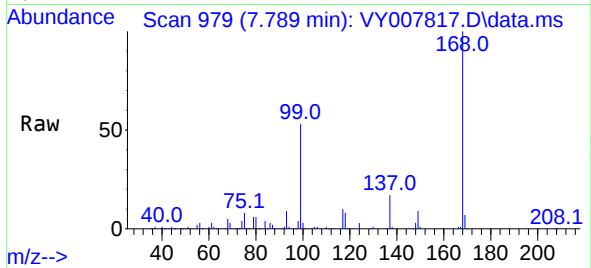
Ion	Ratio	Lower	Upper
43	100		
72	24.2	17.7	26.5



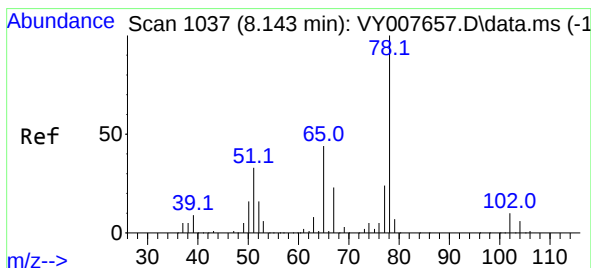
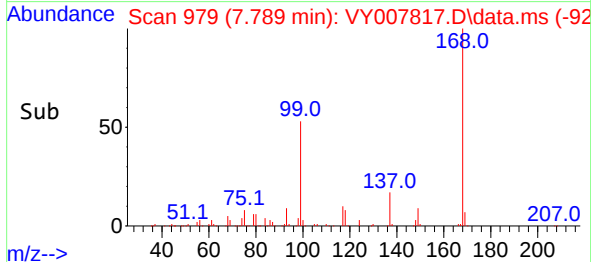
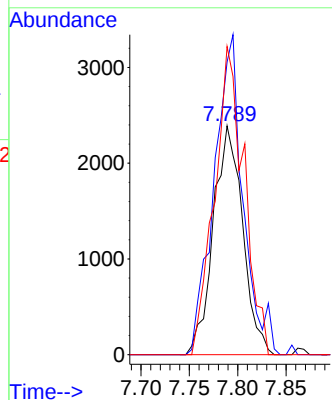


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Instrument :
MSVOA_Y
ClientSampleId :

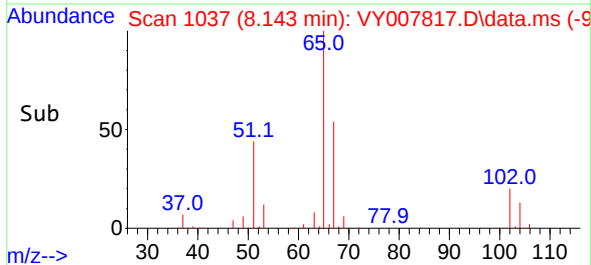
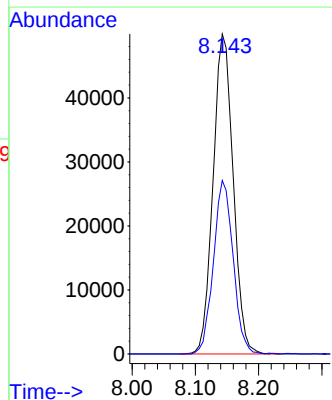
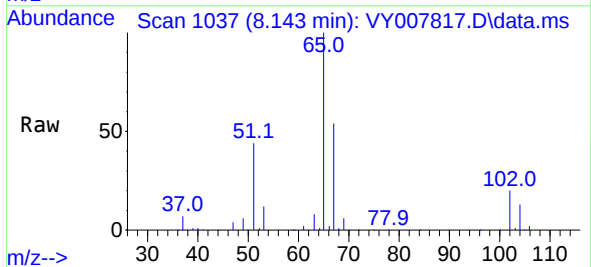


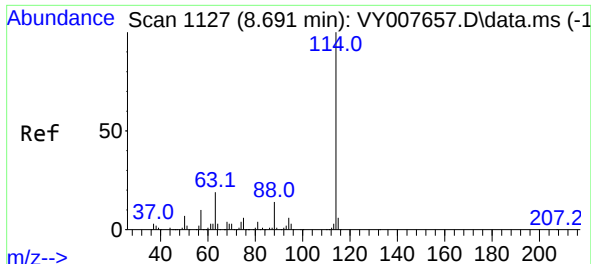
Tgt Ion: 56 Resp: 5043
Ion Ratio Lower Upper
56 100
69 128.0 26.7 40.1#
84 134.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.249 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

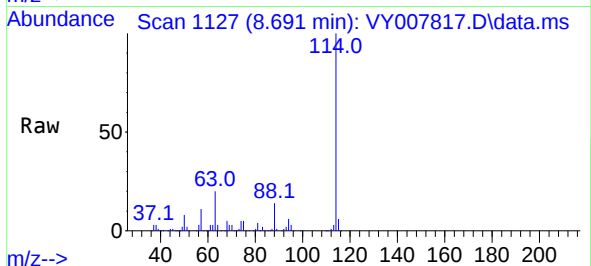
Tgt Ion: 65 Resp: 109933
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4



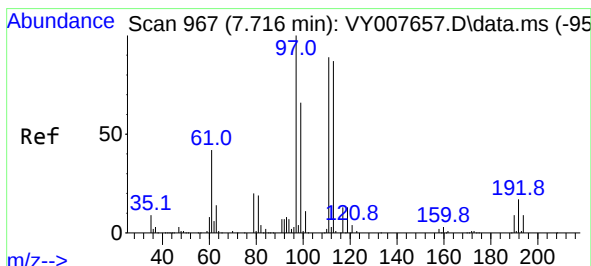
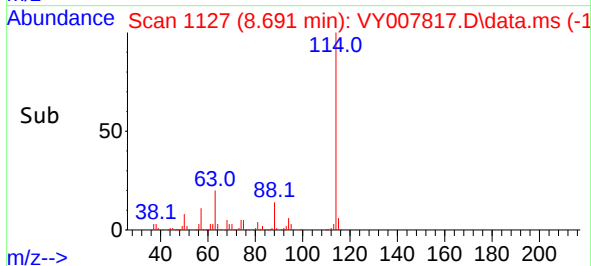
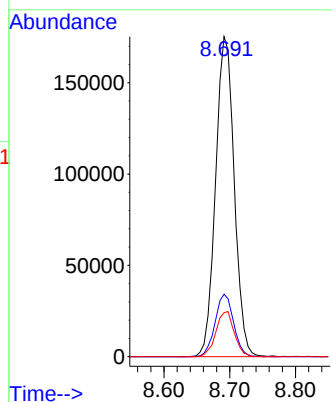


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Instrument :
MSVOA_Y
ClientSampleId :

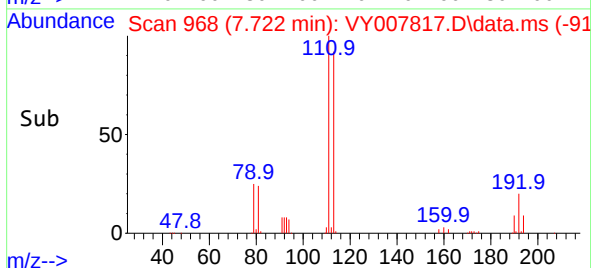
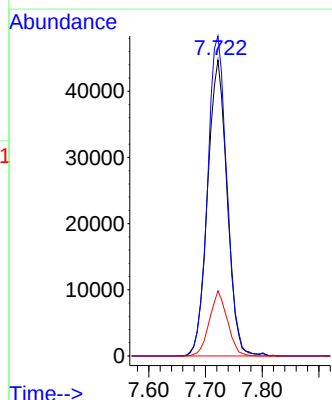
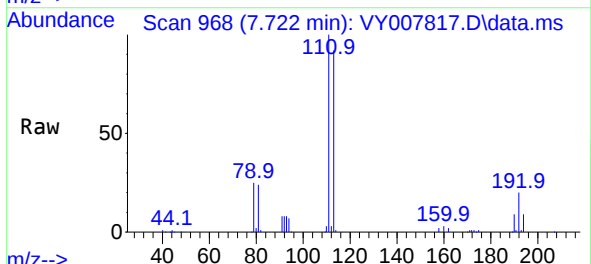


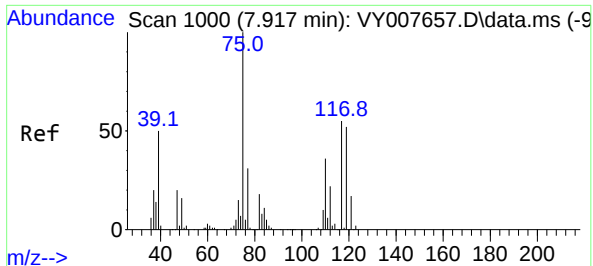
Tgt Ion:114 Resp: 345693
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 13.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.422 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

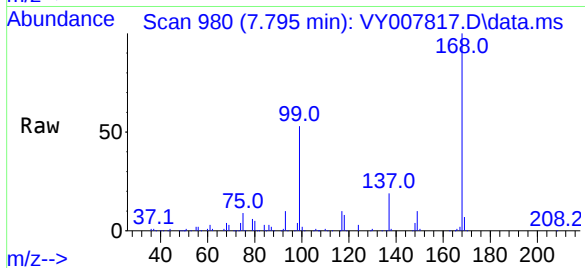
Tgt Ion:113 Resp: 107018
Ion Ratio Lower Upper
113 100
111 106.9 82.6 124.0
192 20.2 17.6 26.4



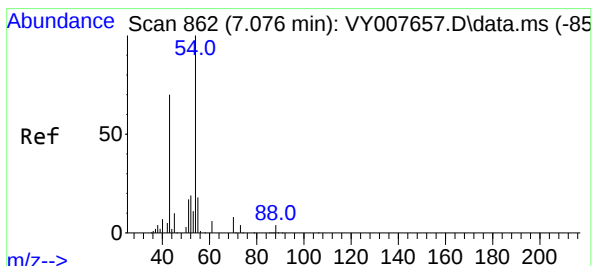
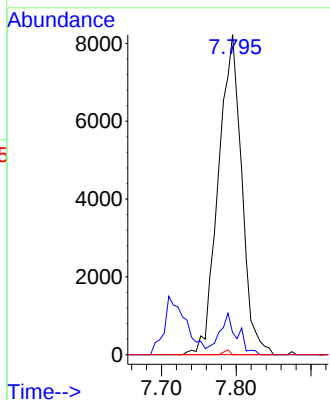
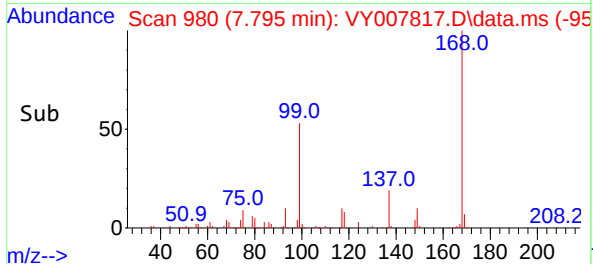


#36
1,1-Dichloropropene
Concen: 5.148 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

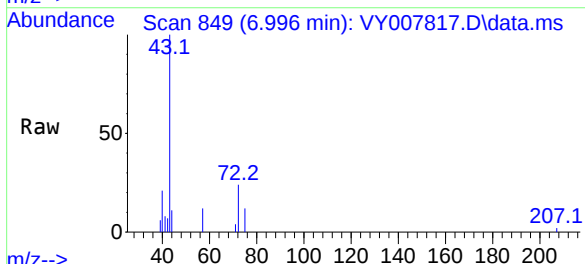
Instrument :
MSVOA_Y
ClientSampleId :



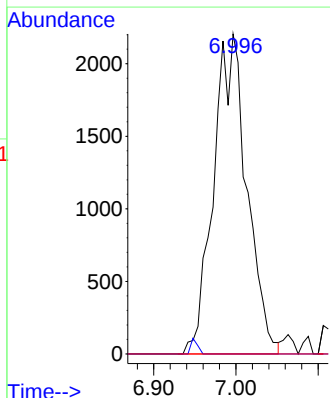
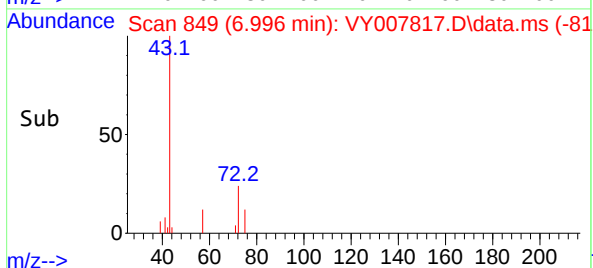
Tgt Ion: 75 Resp: 17898
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.4 24.4 36.6#

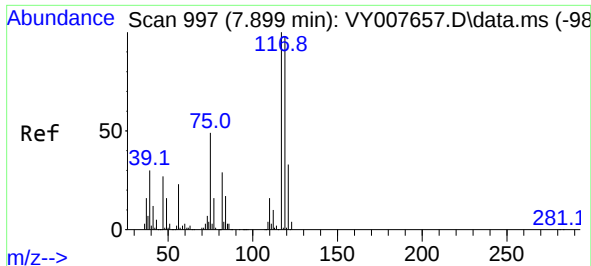


#37
Ethyl Acetate
Concen: 3.243 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.080 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11



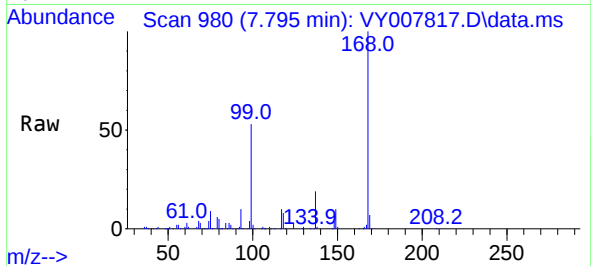
Tgt Ion: 43 Resp: 6227
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



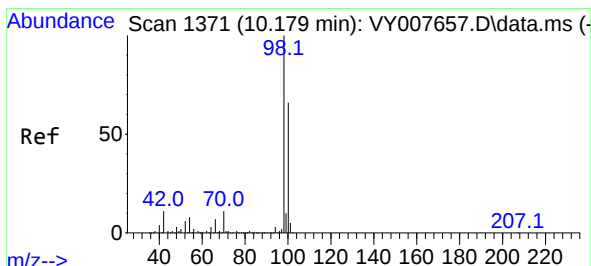
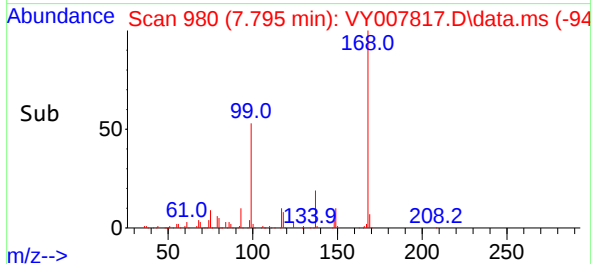
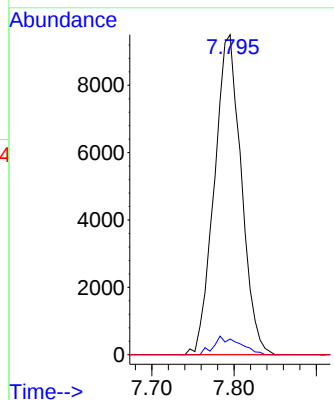


#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Instrument :
MSVOA_Y
ClientSampleId :

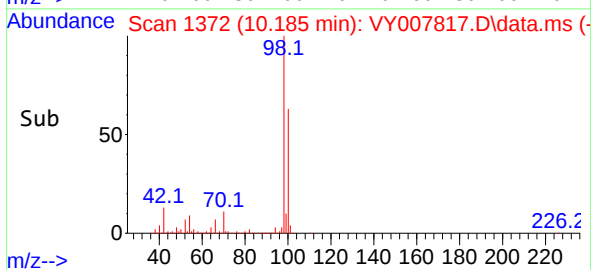
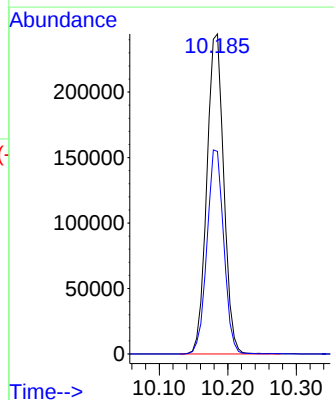
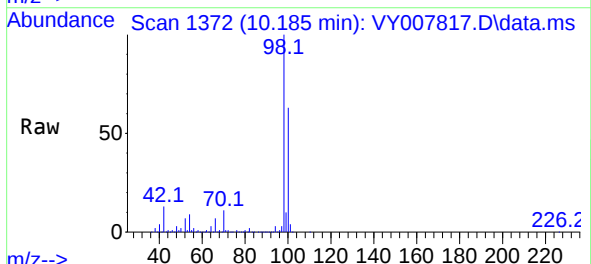


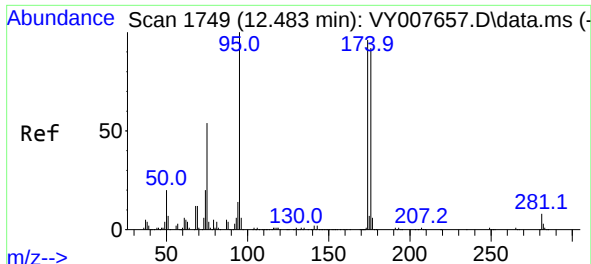
Tgt Ion:117 Resp: 21585
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.659 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 98 Resp: 420273
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

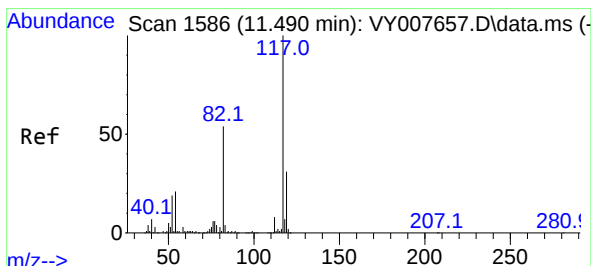
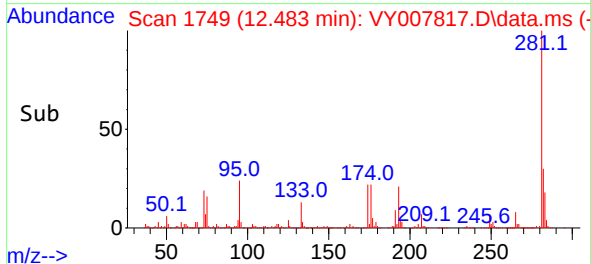
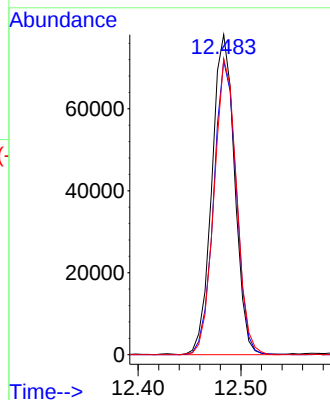
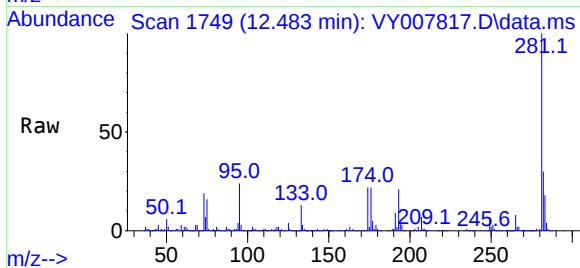




#62
4-Bromofluorobenzene
Concen: 45.741 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

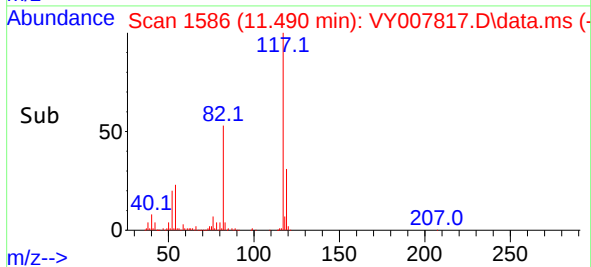
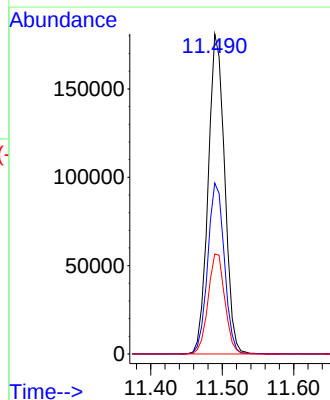
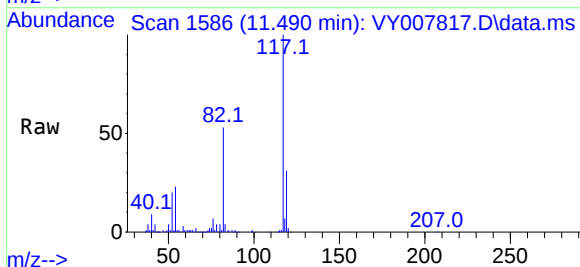
Instrument :
MSVOA_Y
ClientSampleId :

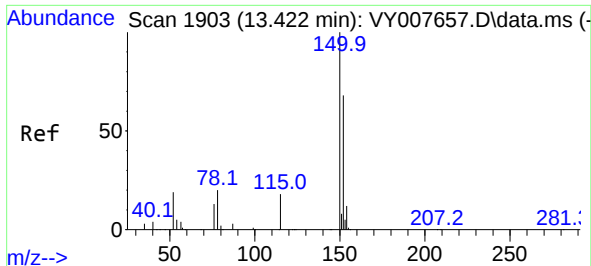
Tgt Ion: 95 Resp: 119954
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 91.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007817.D
Acq: 09 Mar 2022 22:11

Tgt Ion: 117 Resp: 289804
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.3 25.4 38.0

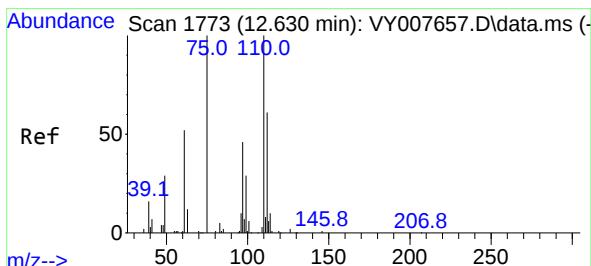
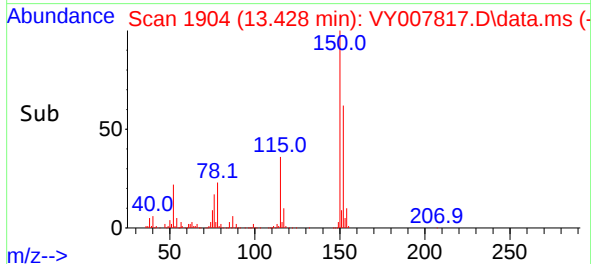
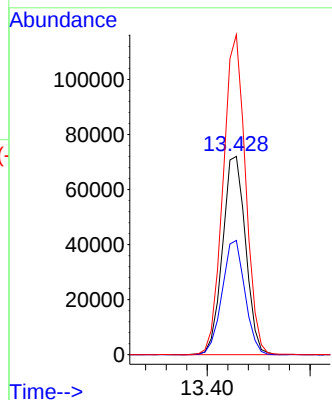
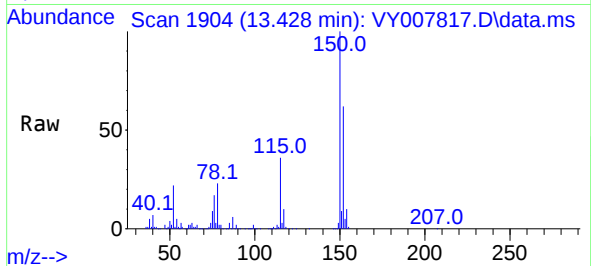




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007817.D
 Acq: 09 Mar 2022 22:11

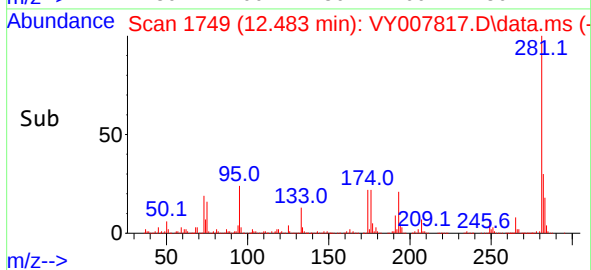
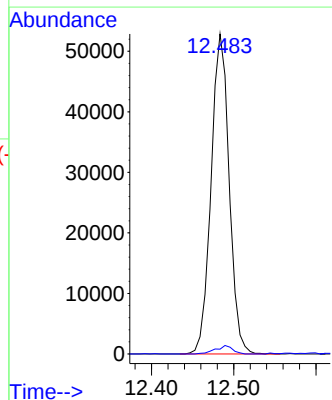
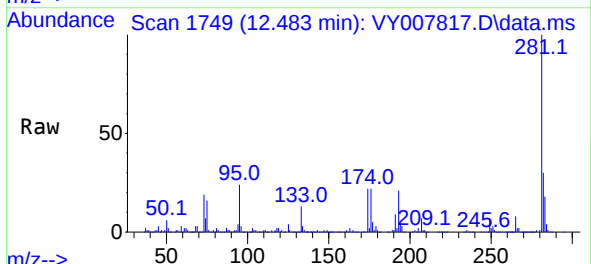
Instrument :
 MSVOA_Y
 ClientSampleId :

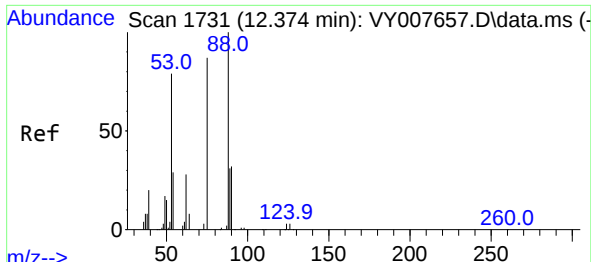
Tgt Ion:152 Resp: 111800
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 64.634 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007817.D
 Acq: 09 Mar 2022 22:11

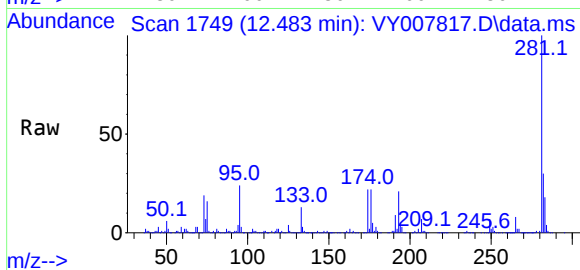
Tgt Ion: 75 Resp: 80698
 Ion Ratio Lower Upper
 75 100
 77 2.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.136 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007817.D
 Acq: 09 Mar 2022 22:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80698
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 5.1 37.0 55.4#

