

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008182.D
 Acq On : 04 Apr 2022 15:52
 Operator : SY/MD
 Sample : N2220-13RE
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

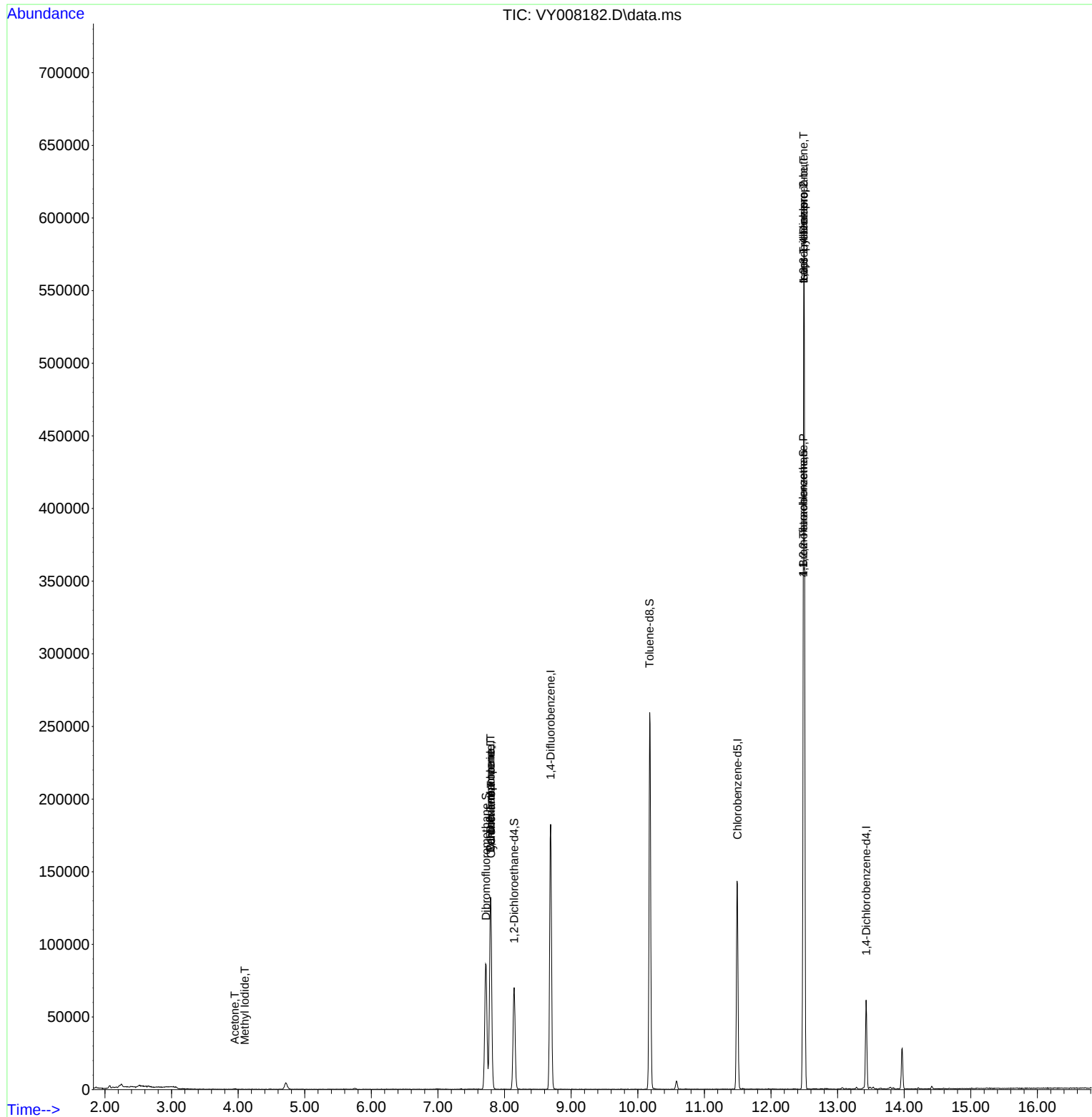
Internal Standards						
1) Pentafluorobenzene	7.789	168	104883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	166118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	81352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53630	50.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.940%	
35) Dibromofluoromethane	7.722	113	62187	59.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.420%	
50) Toluene-d8	10.179	98	177074	45.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.260%	
62) 4-Bromofluorobenzene	12.483	95	22002	15.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 31.780%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	47	1.730	ug/l #	35
16) Acetone	3.948	43	498	2.070	ug/l #	47
18) Methyl Acetate	4.466	43	99	Below Cal	#	56
20) Methylene Chloride	4.716	84	3509	Below Cal	#	79
31) Cyclohexane	7.795	56	2114	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8213	5.020	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10313	5.784	ug/l #	16
73) Isopropylbenzene	12.489	105	1508	1.200	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.483	83	427	1.748	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	16085	86.651	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	16085	193.332	ug/l #	12

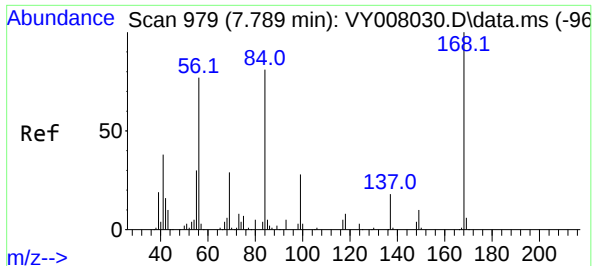
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
Data File : VY008182.D
Acq On : 04 Apr 2022 15:52
Operator : SY/MD
Sample : N2220-13RE
Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 05 04:41:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

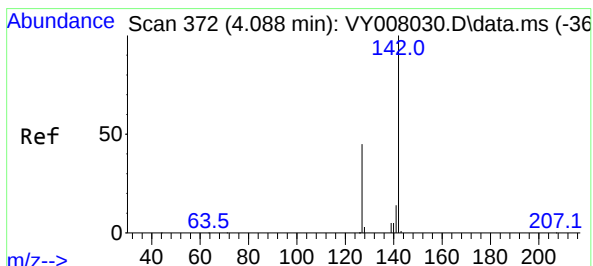
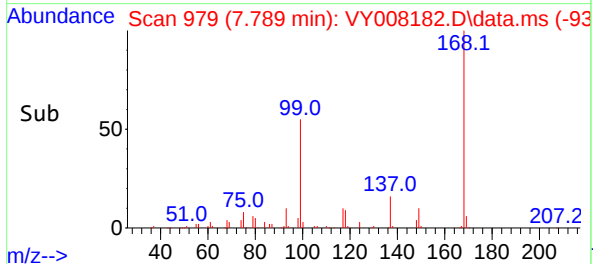
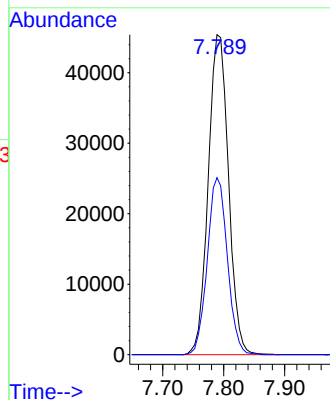
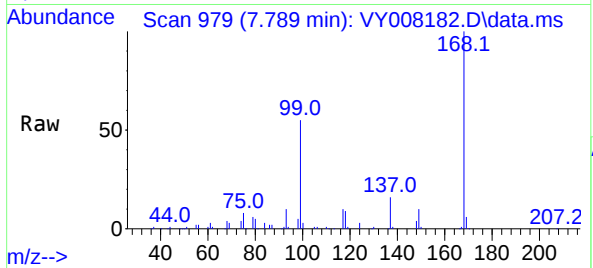




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

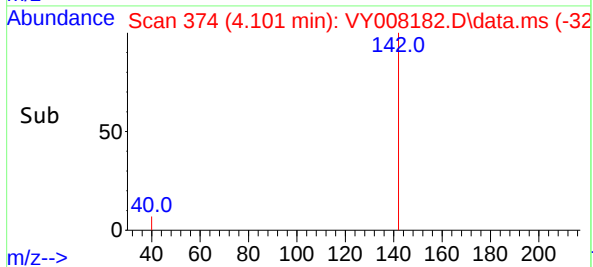
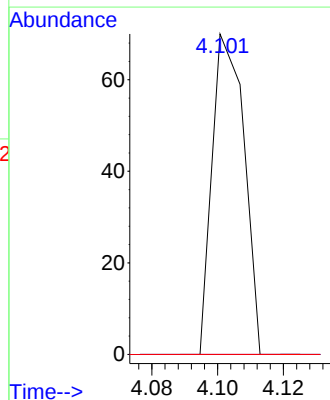
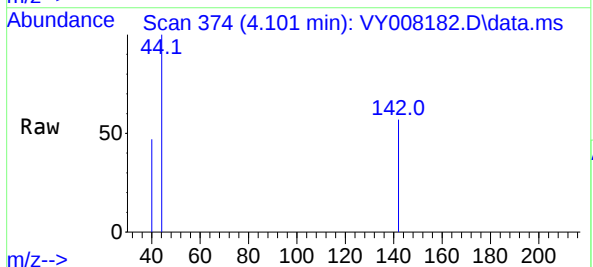
Instrument :
MSVOA_Y
ClientSampleId :

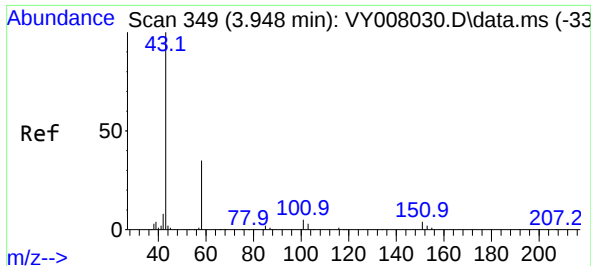
Tgt Ion:168 Resp: 104883
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.730 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Tgt Ion:142 Resp: 47
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

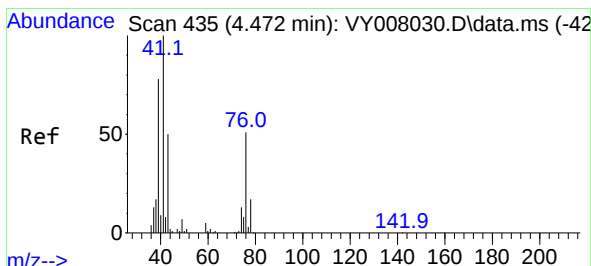
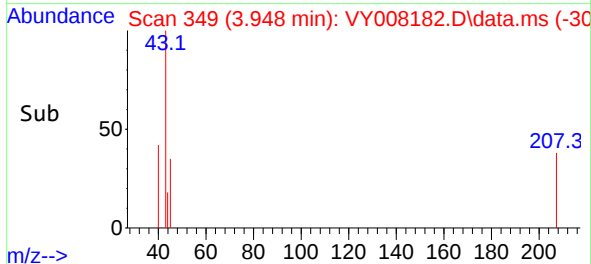
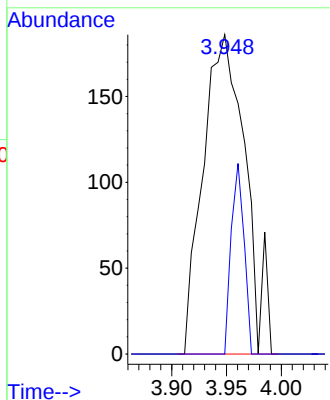
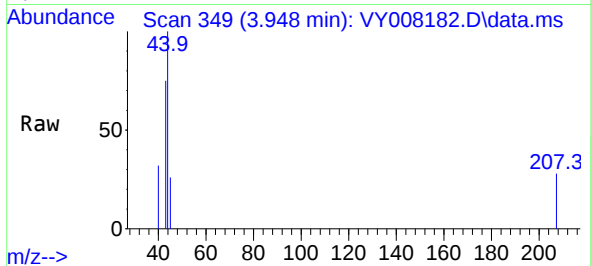




#16
Acetone
Concen: 2.070 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

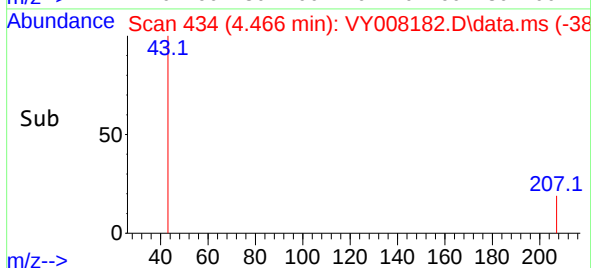
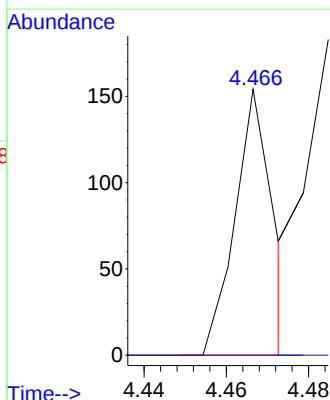
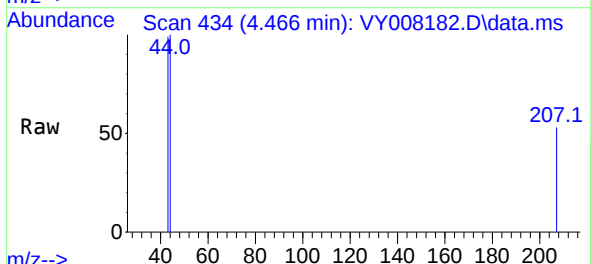
Instrument :
MSVOA_Y
ClientSampleId :

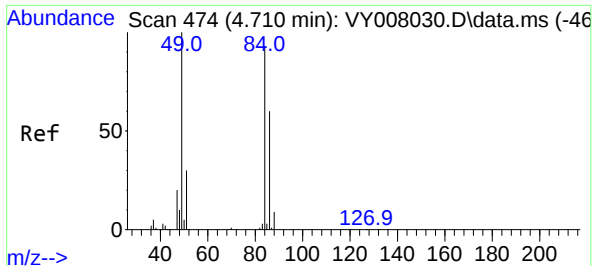
Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



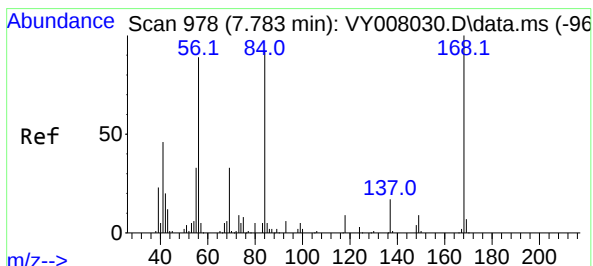
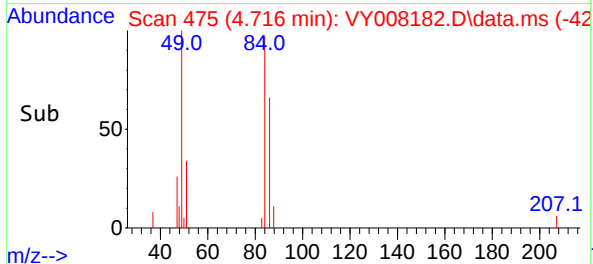
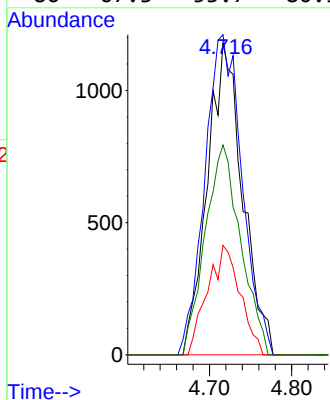
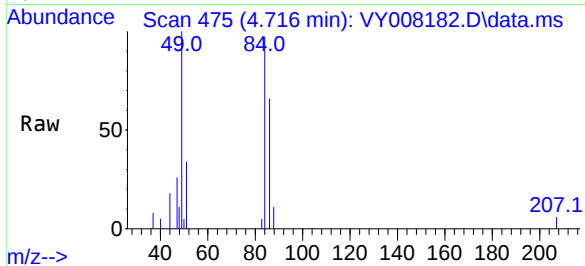


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 3509

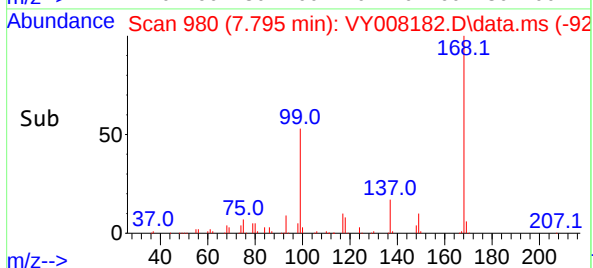
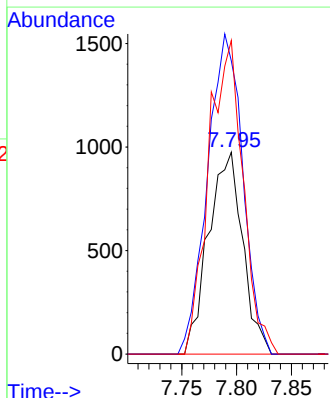
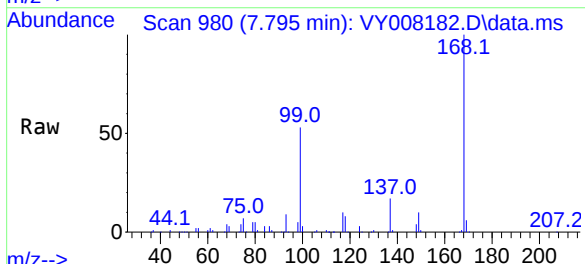
Ion	Ratio	Lower	Upper
84	100		
49	102.7	114.4	171.6#
51	35.1	35.3	52.9#
86	67.3	53.7	80.5

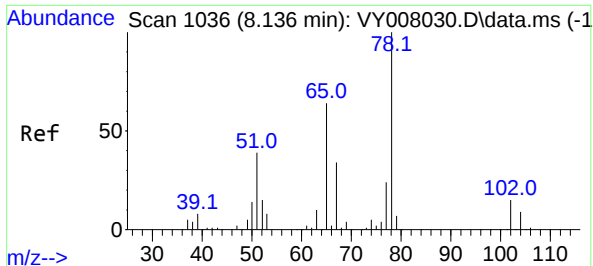


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 56 Resp: 2114

Ion	Ratio	Lower	Upper
56	100		
69	145.2	26.7	40.1#
84	155.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.965 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008182.D

Acq: 04 Apr 2022 15:52

Instrument :

MSVOA_Y

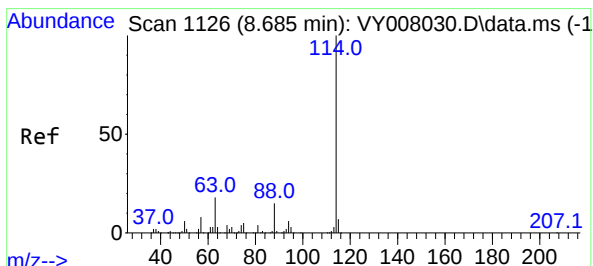
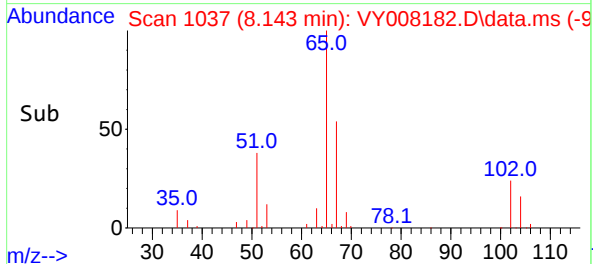
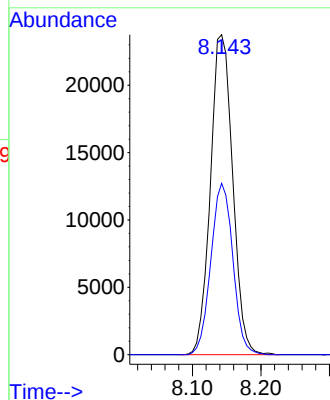
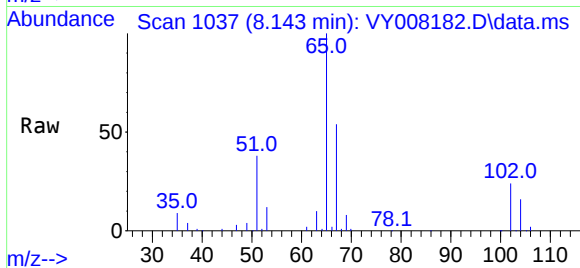
ClientSampleId :

Tgt Ion: 65 Resp: 53630

Ion Ratio Lower Upper

65 100

67 52.8 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: VY008182.D

Acq: 04 Apr 2022 15:52

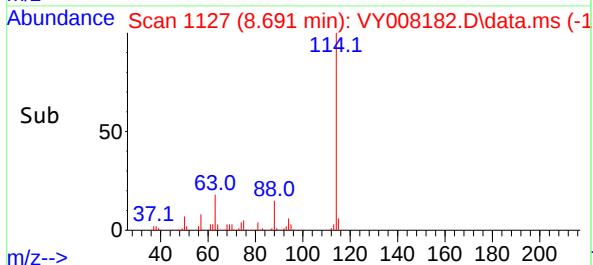
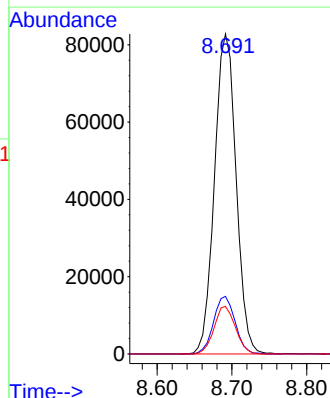
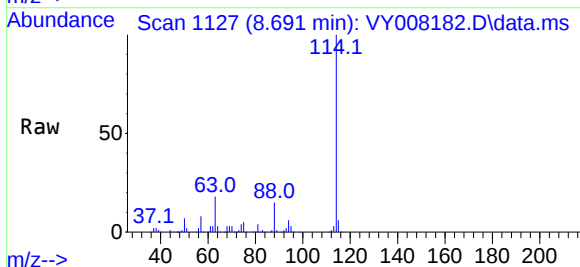
Tgt Ion: 114 Resp: 166118

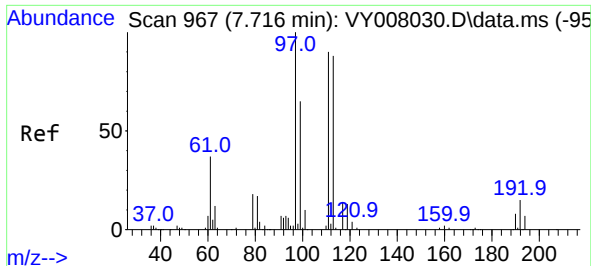
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.8 0.0 31.8

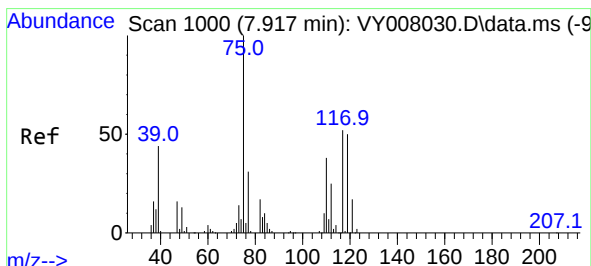
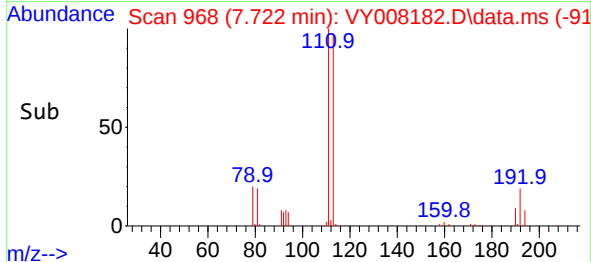
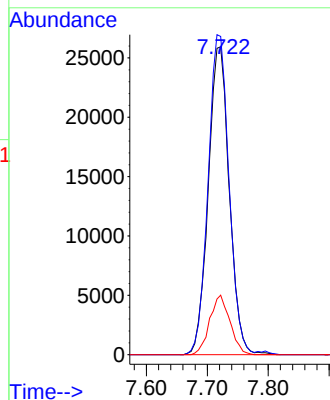
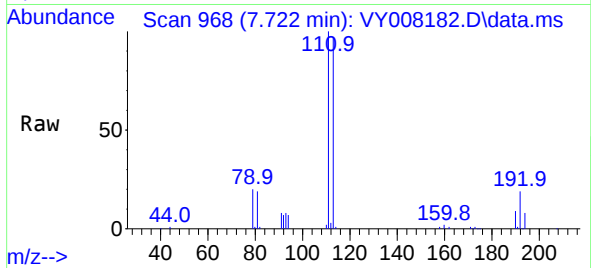




#35
Dibromofluoromethane
Concen: 59.708 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

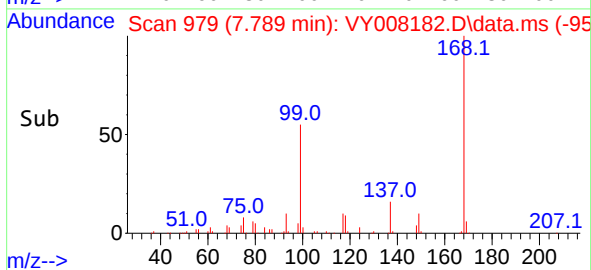
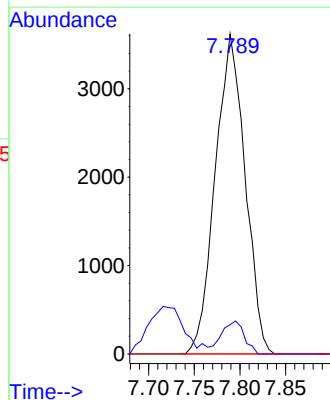
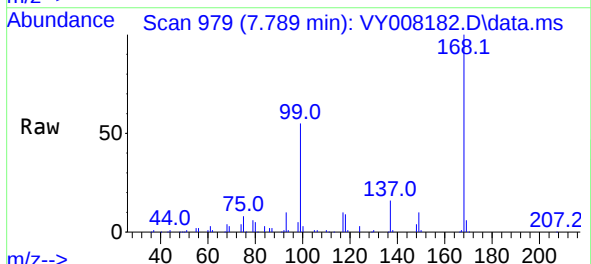
Instrument :
MSVOA_Y
ClientSampleId :

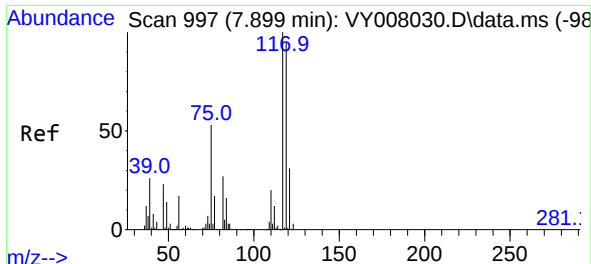
Tgt Ion: 113 Resp: 62187
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

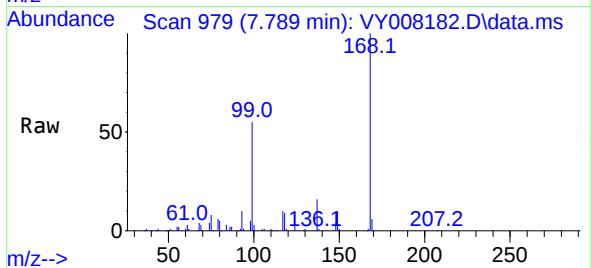
Tgt Ion: 75 Resp: 8213
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#



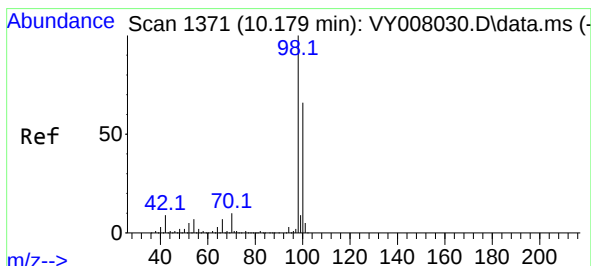
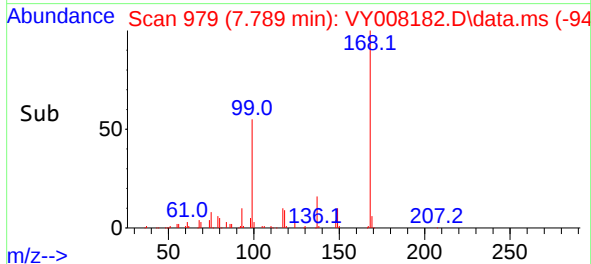
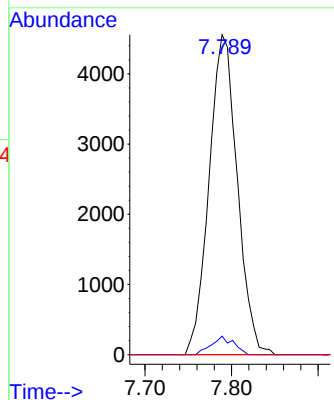


#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Instrument :
MSVOA_Y
ClientSampleId :

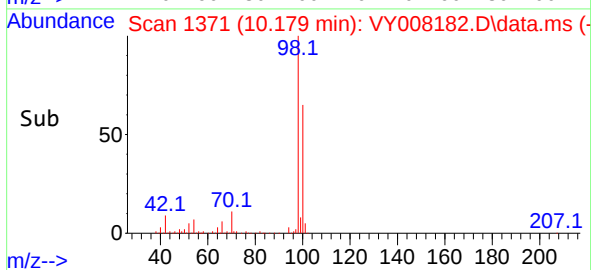
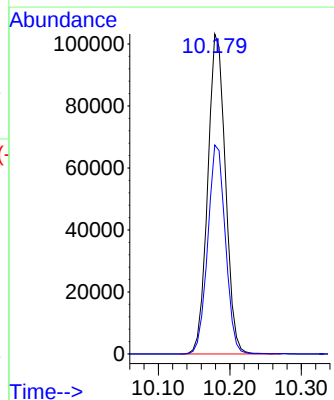
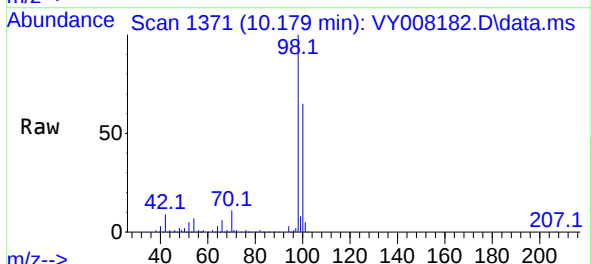


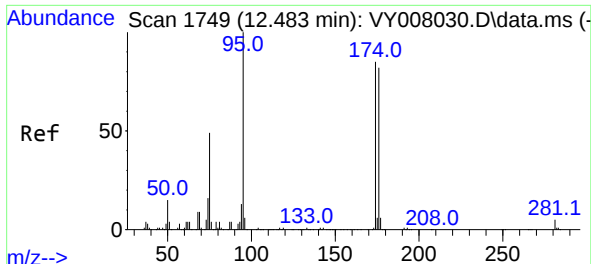
Tgt Ion:117 Resp: 10313
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.127 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

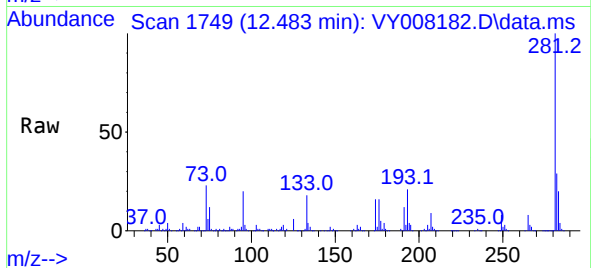
Tgt Ion: 98 Resp: 177074
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



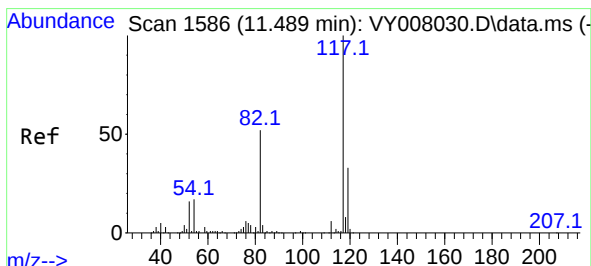
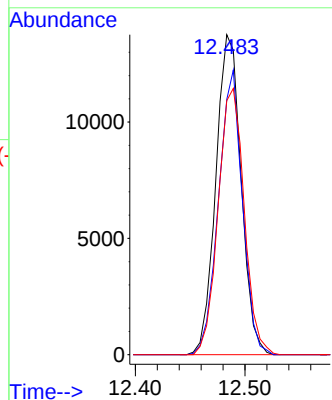
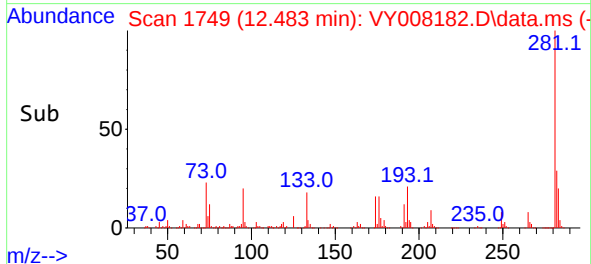


#62
4-Bromofluorobenzene
Concen: 15.893 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

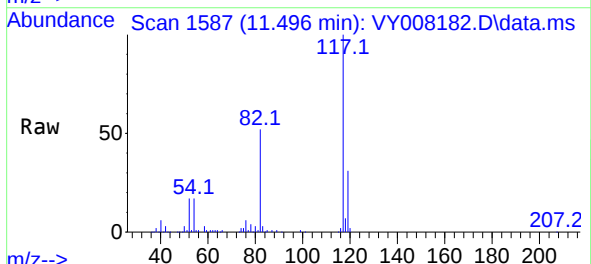
Instrument :
MSVOA_Y
ClientSampleId :



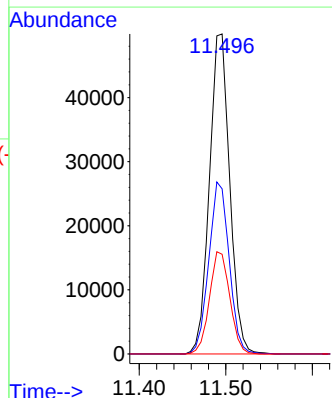
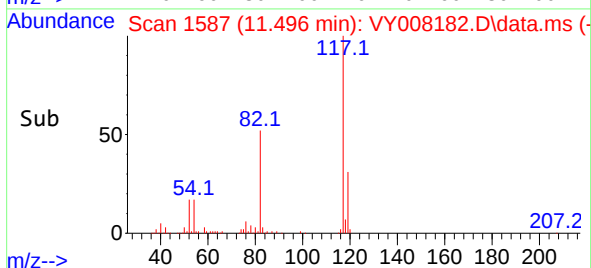
Tgt Ion: 95 Resp: 22002
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 85.7 0.0 175.8

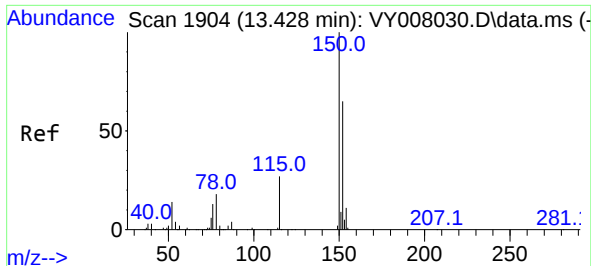


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52



Tgt Ion: 117 Resp: 81352
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 31.1 25.4 38.0

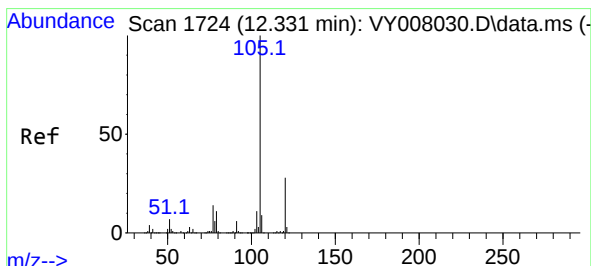
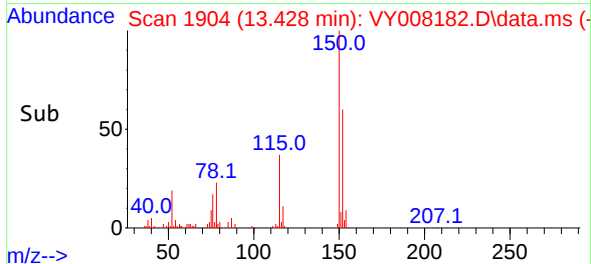
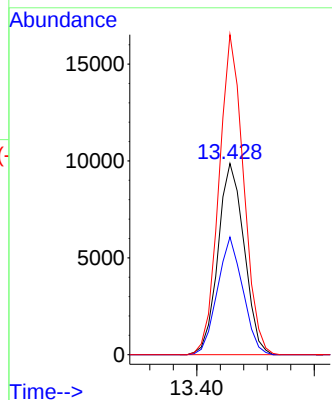
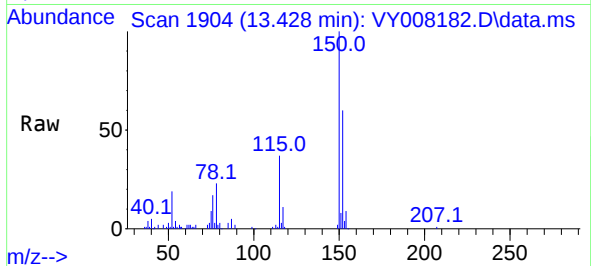




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

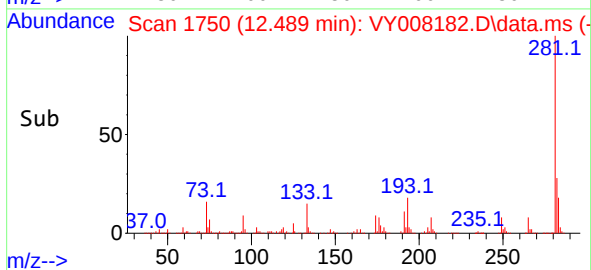
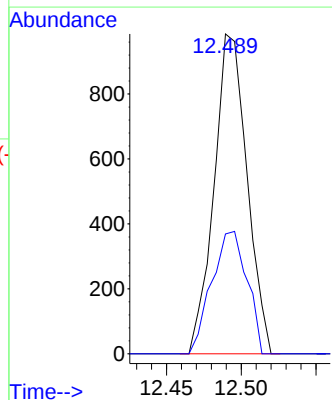
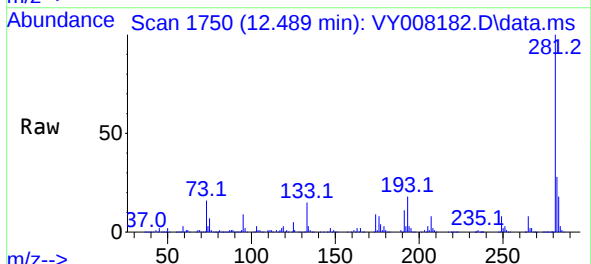
Instrument :
MSVOA_Y
ClientSampleId :

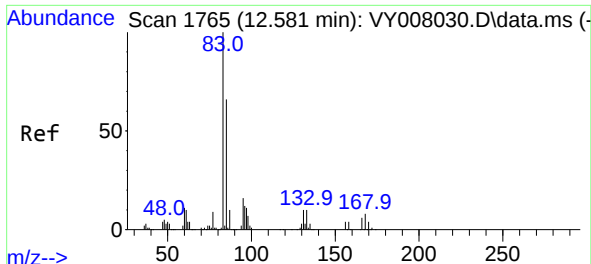
Tgt Ion:152 Resp: 15228
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 157.9 0.0 347.6



#73
Isopropylbenzene
Concen: 1.200 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.158 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Tgt Ion:105 Resp: 1508
Ion Ratio Lower Upper
105 100
120 40.9 13.4 40.2#

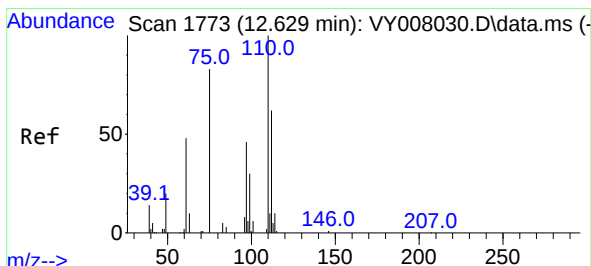
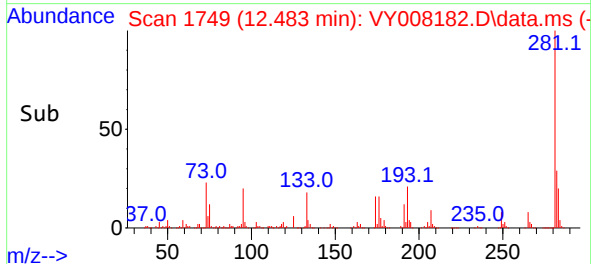
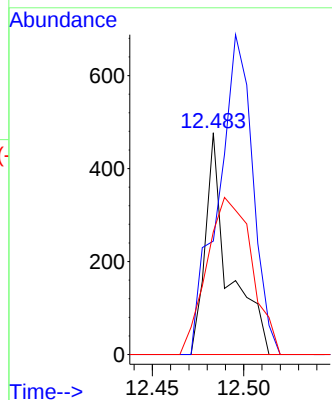
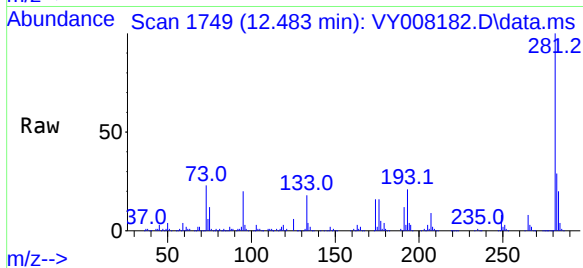




#75
1,1,2,2-Tetrachloroethane
Concen: 1.748 ug/l
RT: 12.483 min Scan# 1750
Delta R.T. -0.098 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

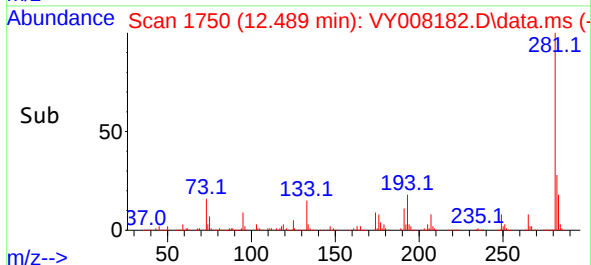
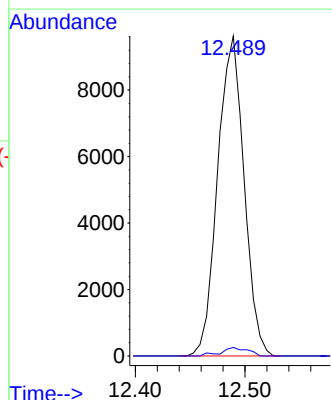
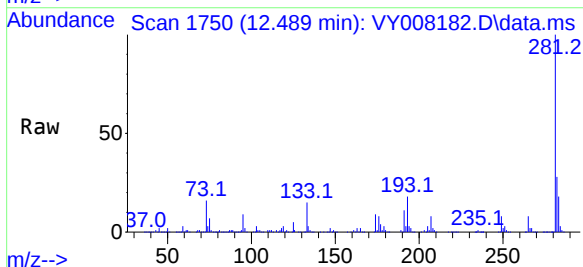
Instrument :
MSVOA_Y
ClientSampleId :

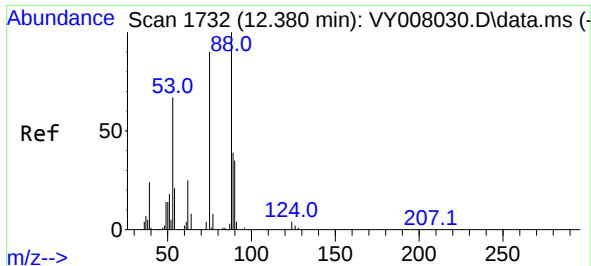
Tgt Ion: 83 Resp: 427
Ion Ratio Lower Upper
83 100
131 211.9 5.6 16.8#
85 136.3 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 86.651 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

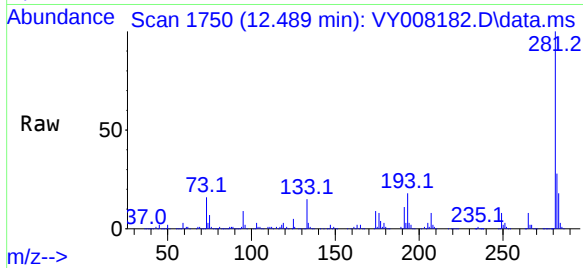
Tgt Ion: 75 Resp: 16085
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 193.332 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY008182.D
 Acq: 04 Apr 2022 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	16085
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	10.6	37.0	55.4#

