

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008082.D
 Acq On : 29 Mar 2022 12:58
 Operator : SY/MD
 Sample : N2142-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 03:58:57 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)

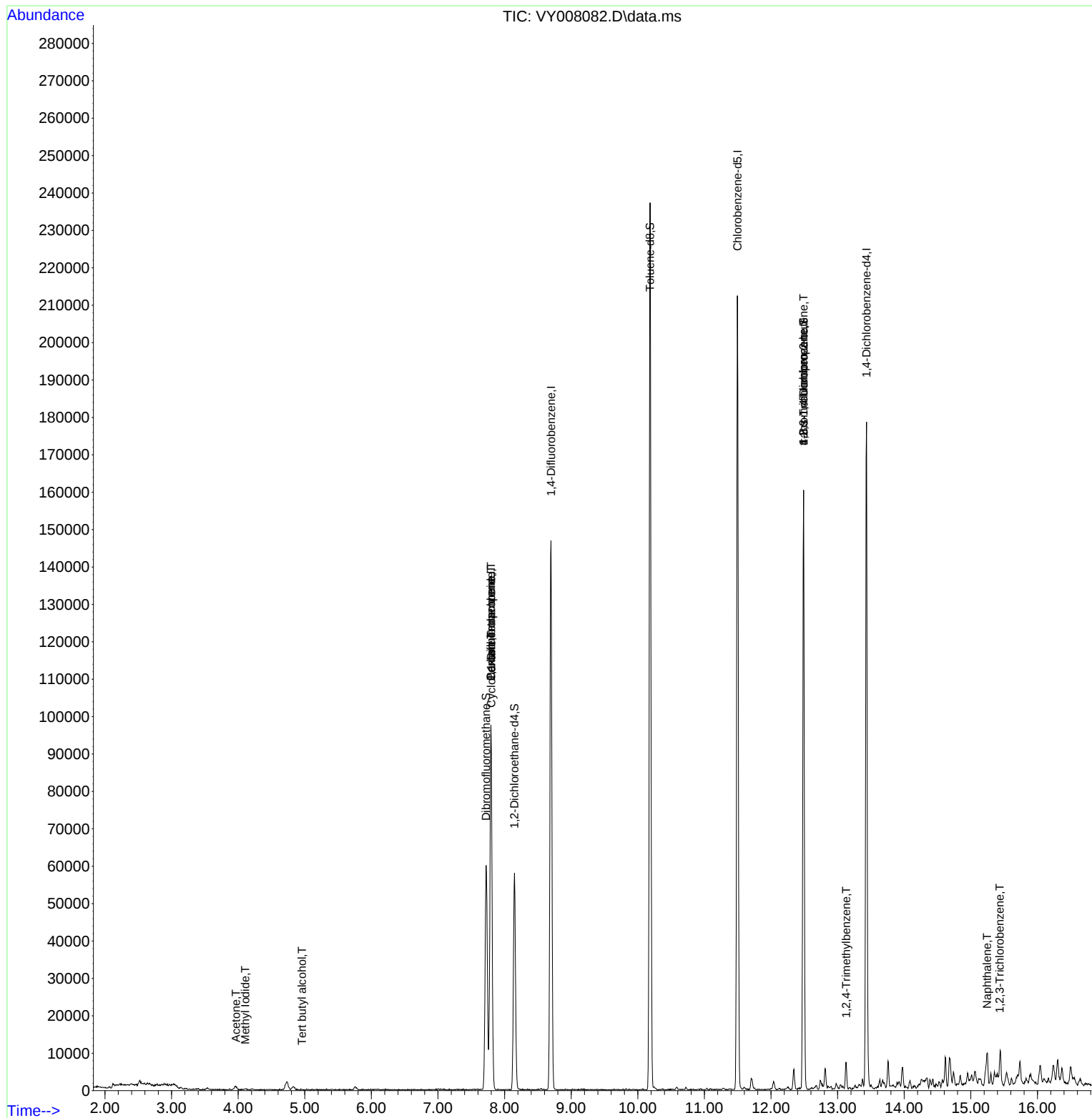
Internal Standards						
1) Pentafluorobenzene	7.795	168	74732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	134705	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	120861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	45622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44123	58.847	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.700%			
35) Dibromofluoromethane	7.722	113	43147	51.088	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.185	98	160131	50.326	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.660%			
62) 4-Bromofluorobenzene	12.489	95	50844	45.292	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.580%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	303	1.990	ug/l #	54
11) Tert butyl alcohol	4.960	59	87	1.118	ug/l #	77
16) Acetone	3.966	43	1659	9.680	ug/l	94
18) Methyl Acetate	4.472	43	109	Below Cal	#	56
20) Methylene Chloride	4.741	84	1834	Below Cal	#	71
31) Cyclohexane	7.801	56	1522	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	5691	4.290	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7956	5.503	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	26134	46.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	26134	104.847	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.129	105	4364	1.453	ug/l	95
95) Naphthalene	15.245	128	6740	3.376	ug/l	96
96) 1,2,3-Trichlorobenzene	15.434	180	964	1.234	ug/l #	76

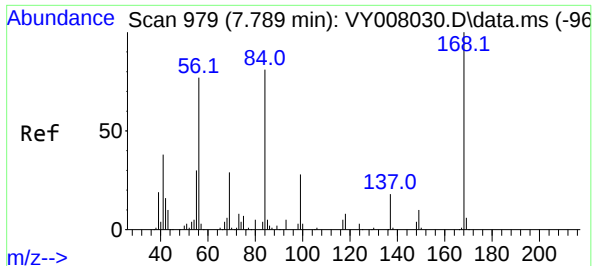
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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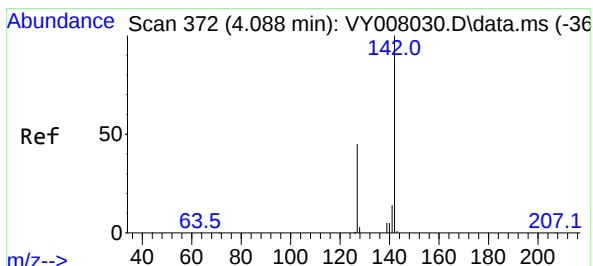
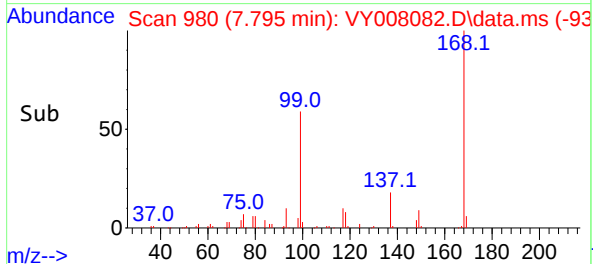
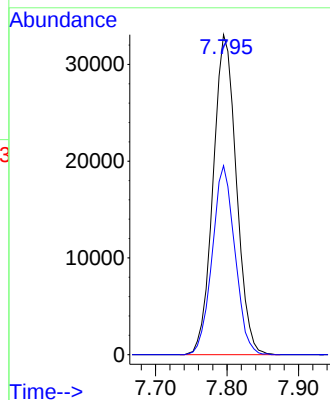
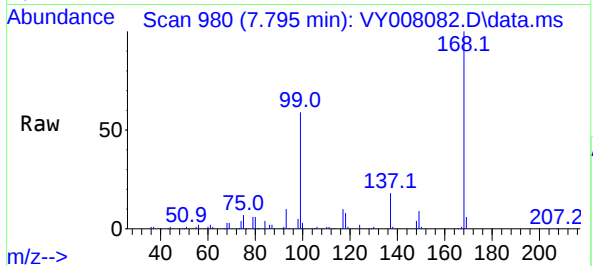




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

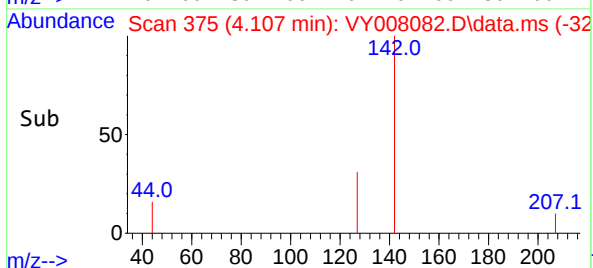
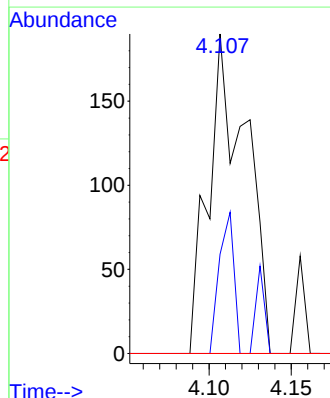
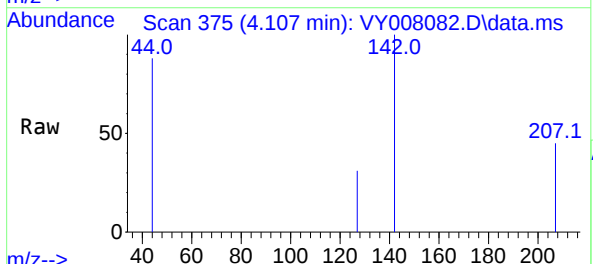
Instrument :
MSVOA_Y
ClientSampleId :

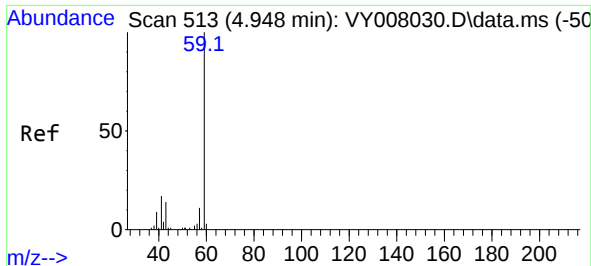
Tgt Ion:168 Resp: 74732
Ion Ratio Lower Upper
168 100
99 59.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.990 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

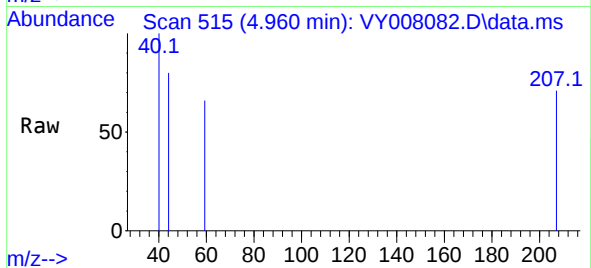
Tgt Ion:142 Resp: 303
Ion Ratio Lower Upper
142 100
127 17.2 41.5 62.3#
141 0.0 11.9 17.9#



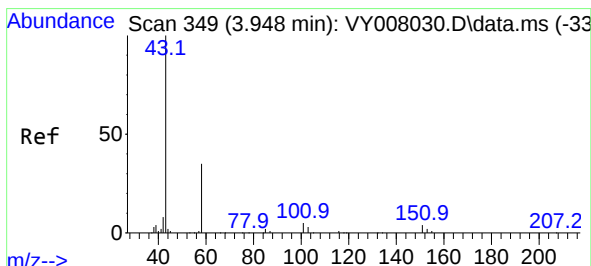
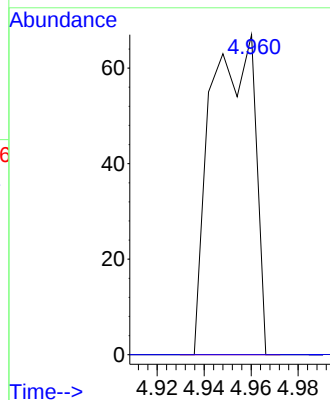
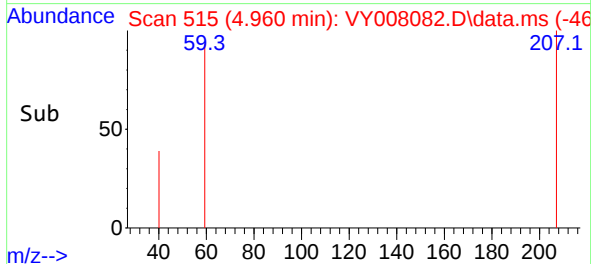


#11
Tert butyl alcohol
Concen: 1.118 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :

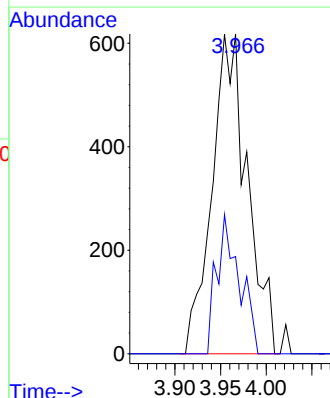
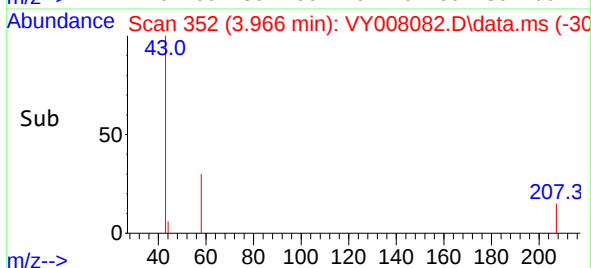
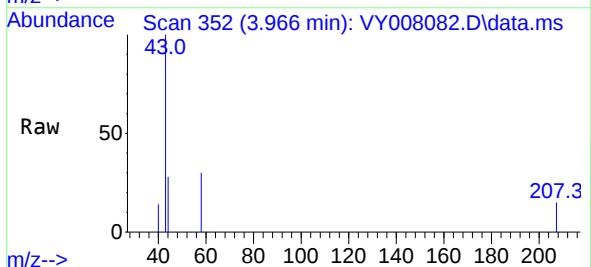


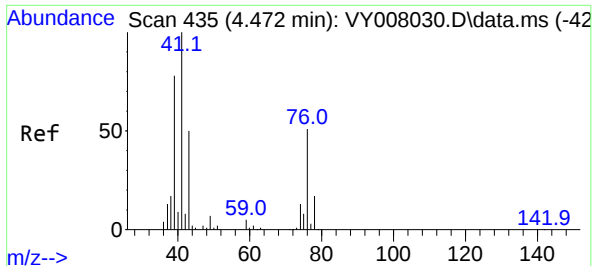
Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 9.680 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0

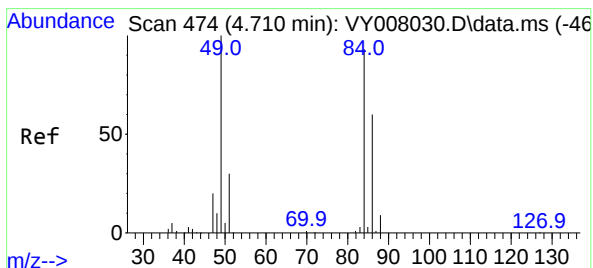
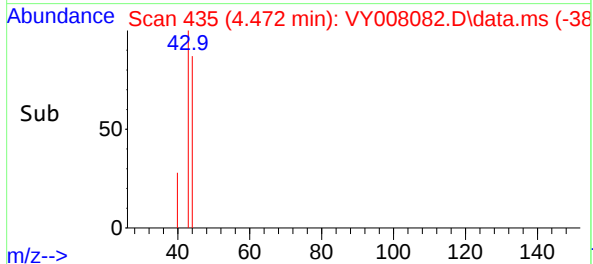
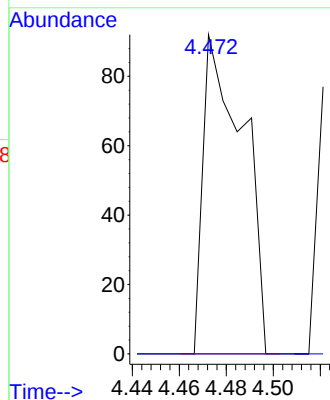
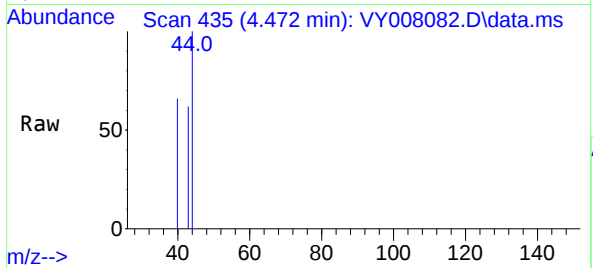




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

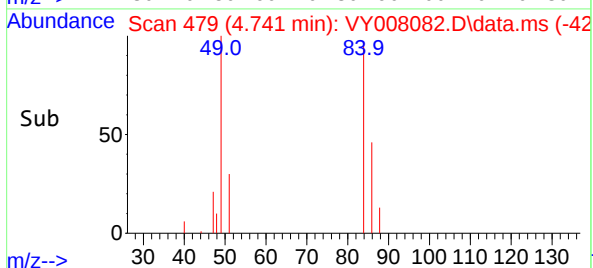
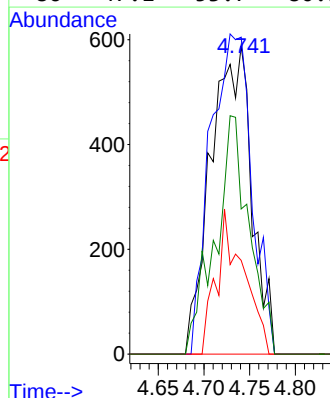
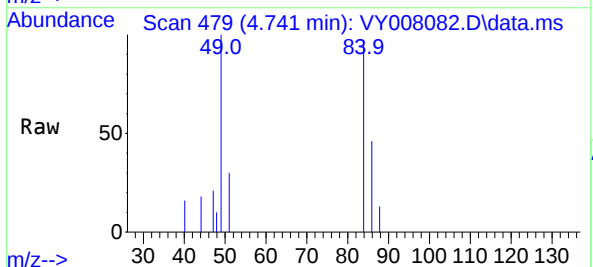
Instrument :
MSVOA_Y
ClientSampleId :

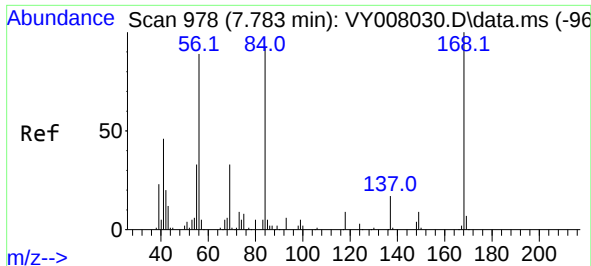
Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.031 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Tgt Ion: 84 Resp: 1834
Ion Ratio Lower Upper
84 100
49 102.9 114.4 171.6#
51 30.4 35.3 52.9#
86 47.1 53.7 80.5#

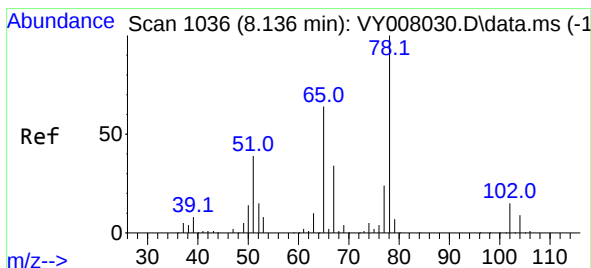
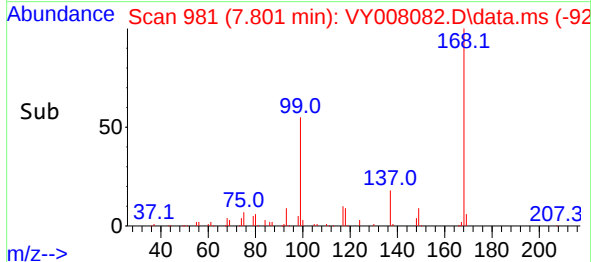
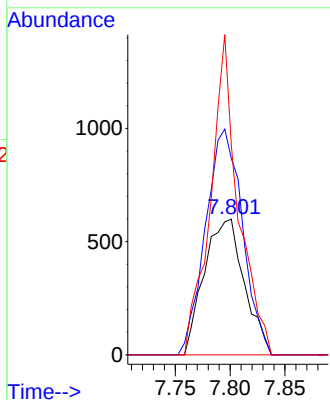
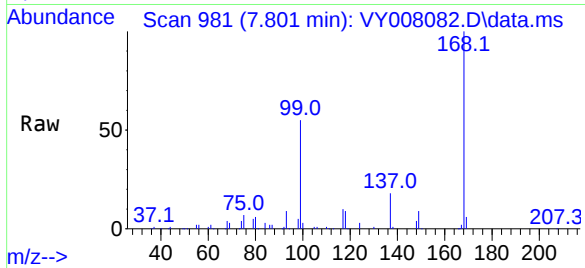




#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

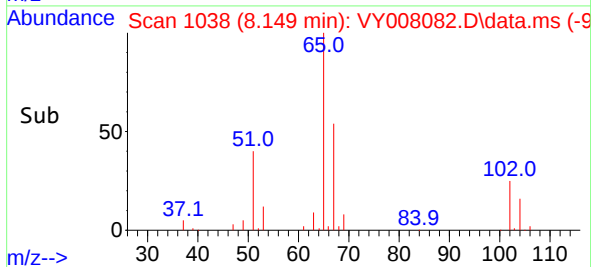
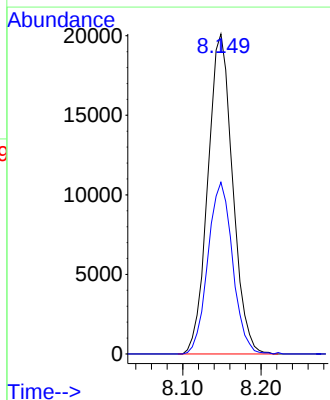
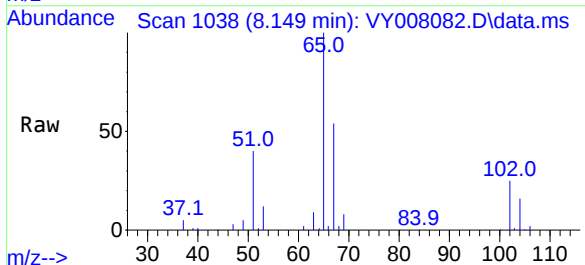
Instrument :
MSVOA_Y
ClientSampleId :

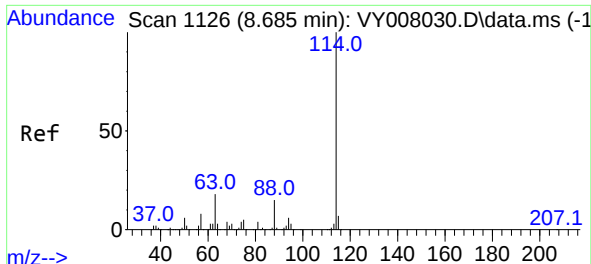
Tgt Ion: 56 Resp: 1522
Ion Ratio Lower Upper
56 100
69 144.7 26.7 40.1#
84 154.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.847 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Tgt Ion: 65 Resp: 44123
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY008082.D

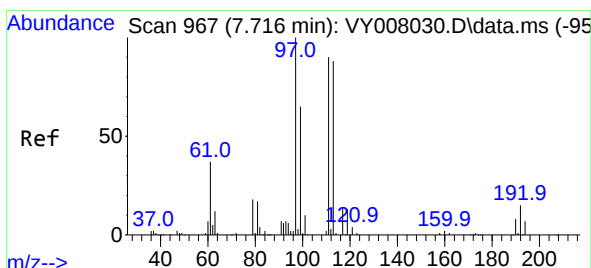
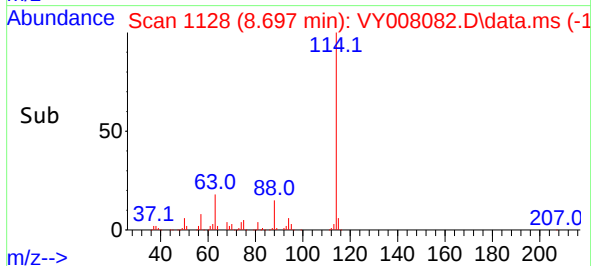
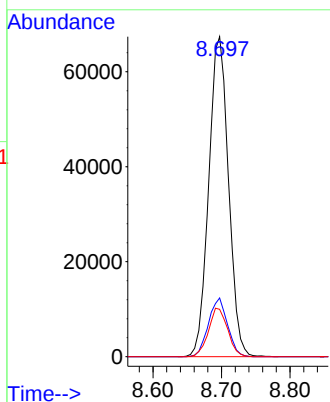
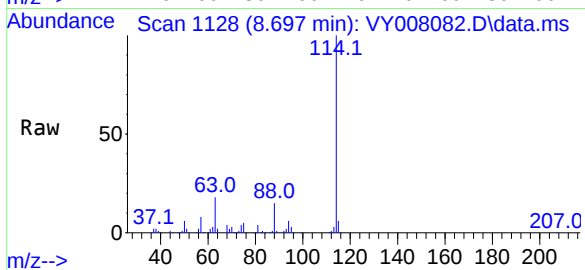
Acq: 29 Mar 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	134705
Ion	Ratio	Lower Upper
114	100	
63	18.4	0.0 43.2
88	14.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 51.088 ug/l

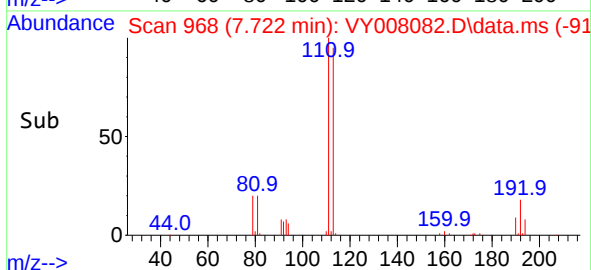
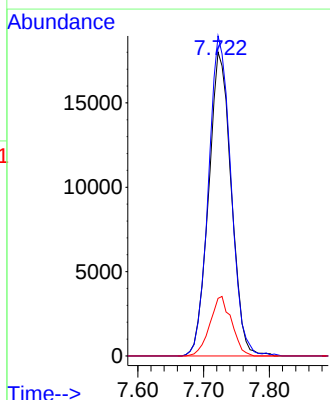
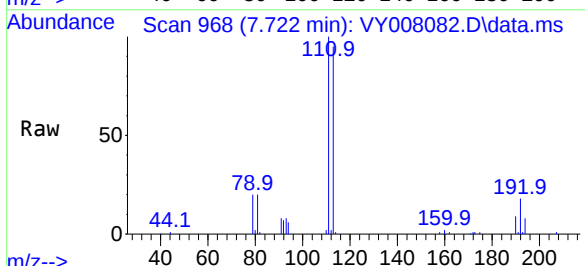
RT: 7.722 min Scan# 968

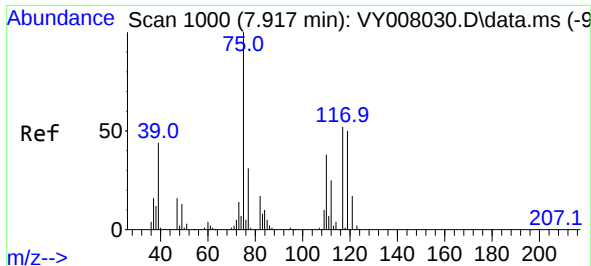
Delta R.T. 0.006 min

Lab File: VY008082.D

Acq: 29 Mar 2022 12:58

Tgt Ion:113	Resp:	43147
Ion	Ratio	Lower Upper
113	100	
111	104.4	82.6 124.0
192	18.8	17.6 26.4

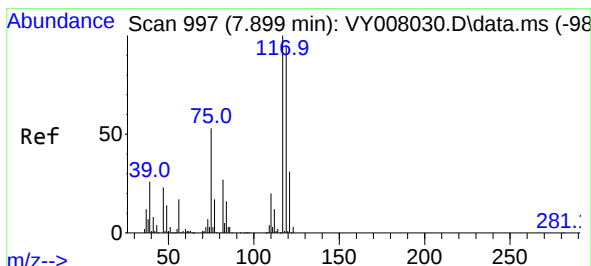
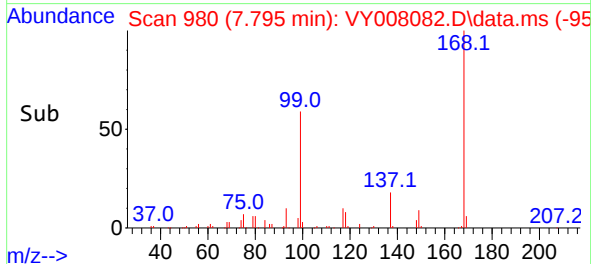
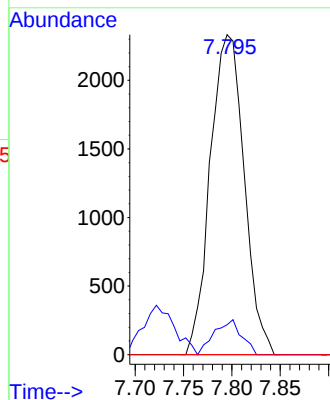
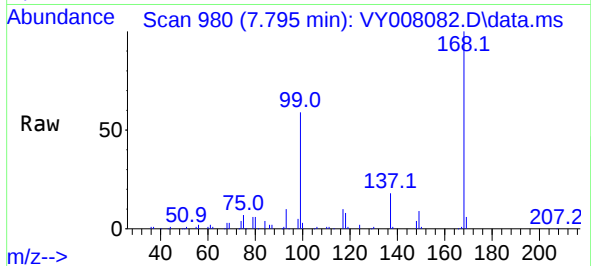




#36
1,1-Dichloropropene
Concen: 4.290 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

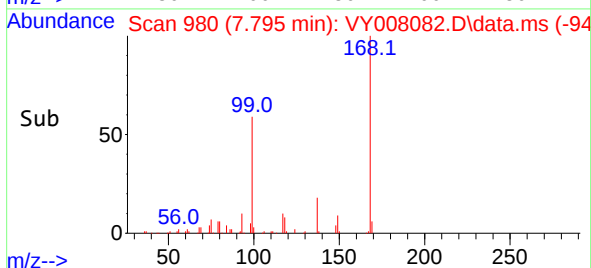
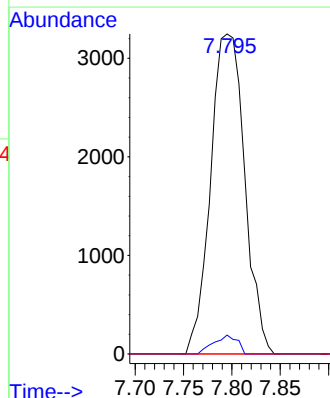
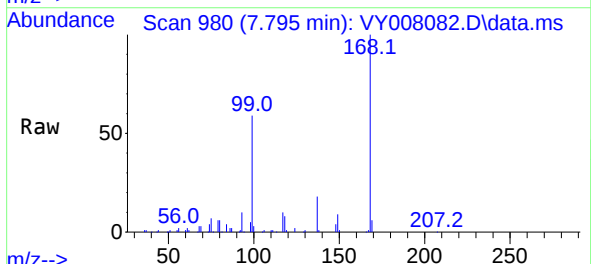
Instrument :
MSVOA_Y
ClientSampleId :

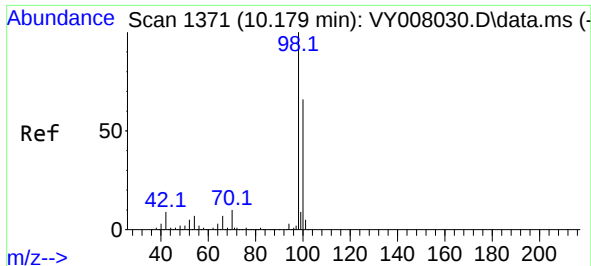
Tgt Ion: 75 Resp: 5691
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Tgt Ion: 117 Resp: 7956
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

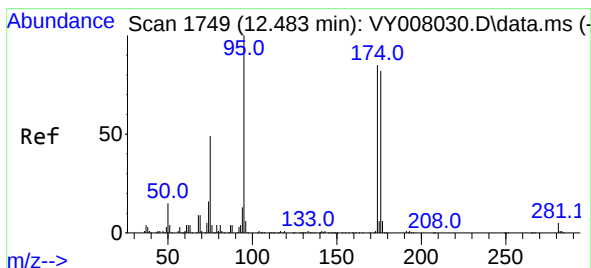
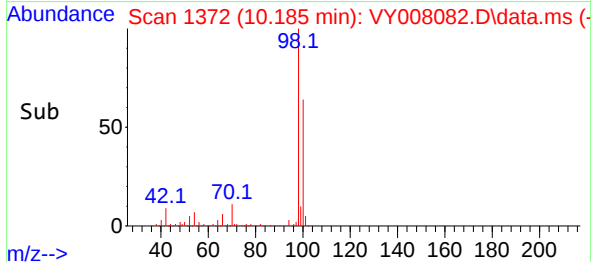
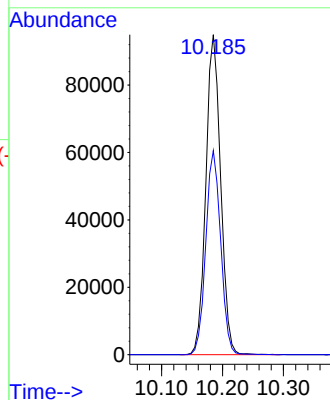
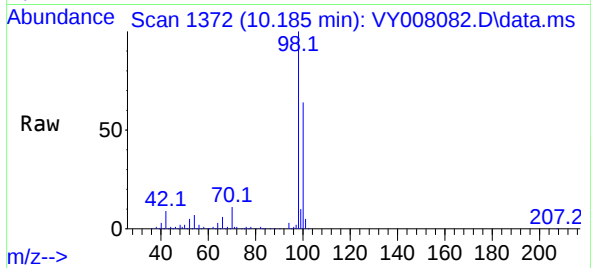




#50
Toluene-d8
Concen: 50.326 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

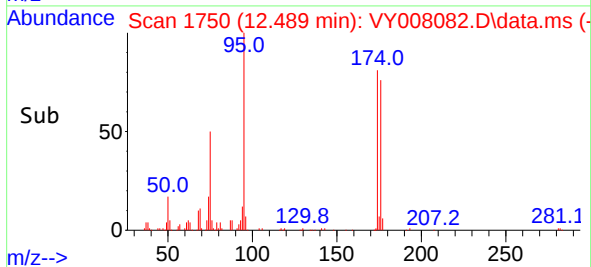
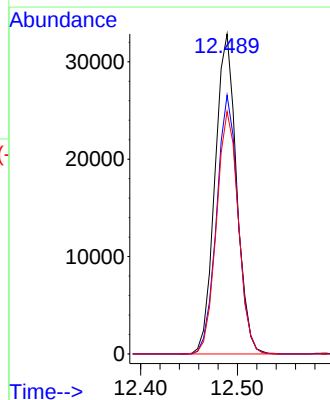
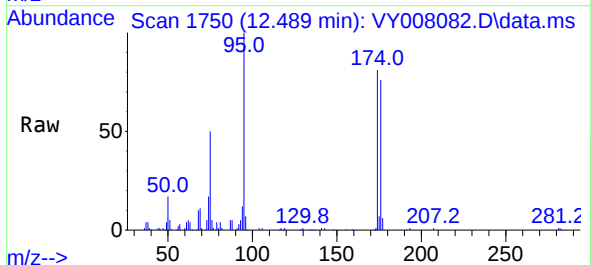
Instrument :
MSVOA_Y
ClientSampleId :

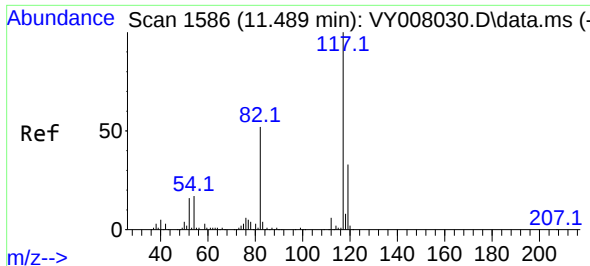
Tgt Ion: 98 Resp: 160131
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.292 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Tgt Ion: 95 Resp: 50844
Ion Ratio Lower Upper
95 100
174 80.1 0.0 177.0
176 76.5 0.0 175.8

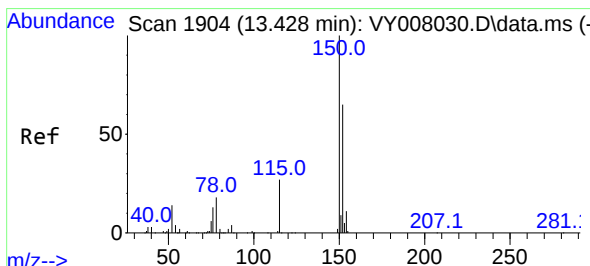
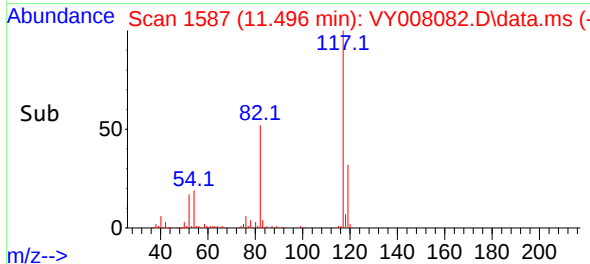
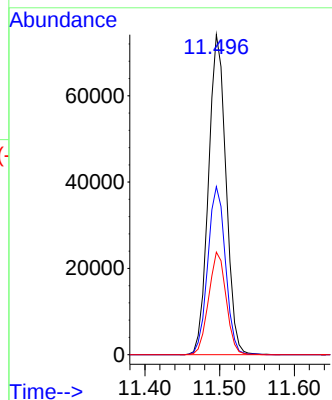
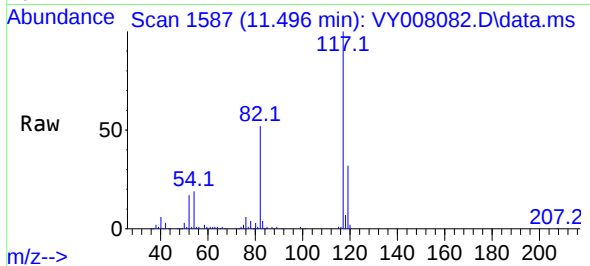




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

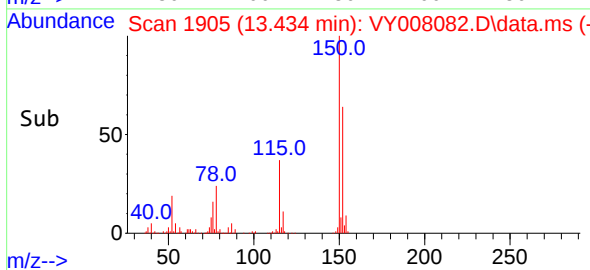
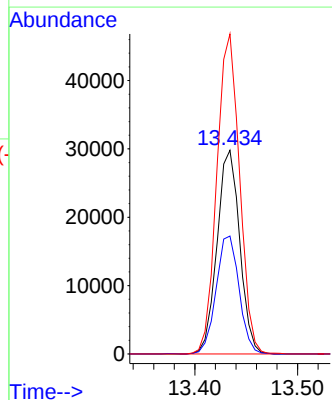
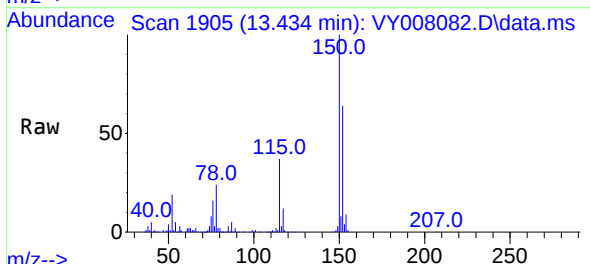
Instrument :
MSVOA_Y
ClientSampleId :

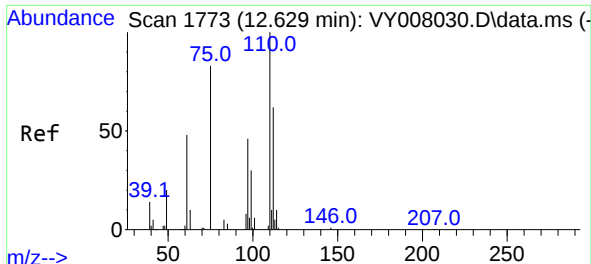
Tgt Ion:117 Resp: 120861
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Tgt Ion:152 Resp: 45622
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.4 0.0 347.6

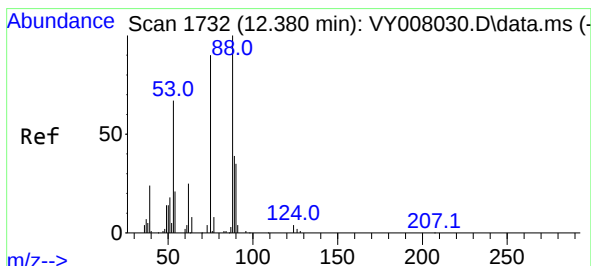
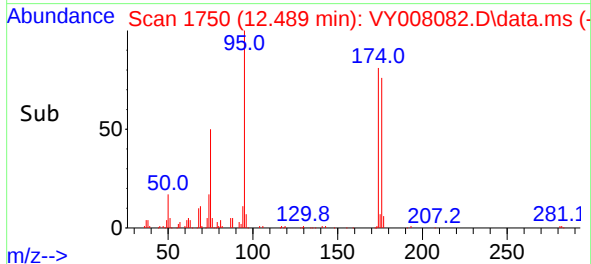
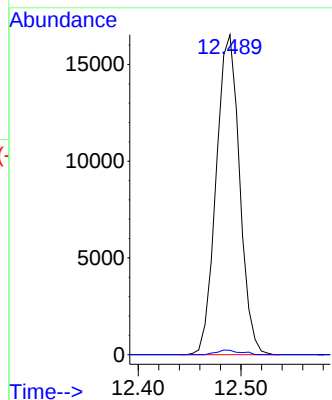
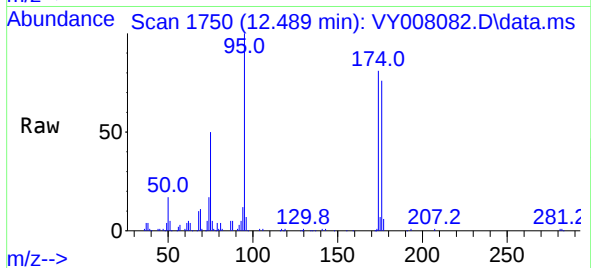




#76
1,2,3-Trichloropropane
Concen: 46.992 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

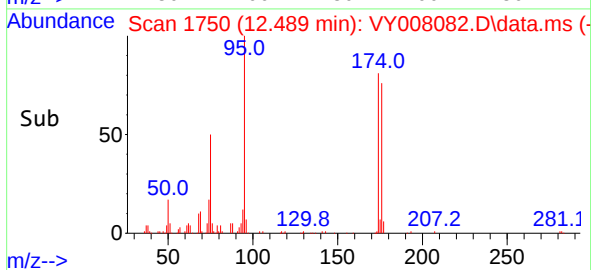
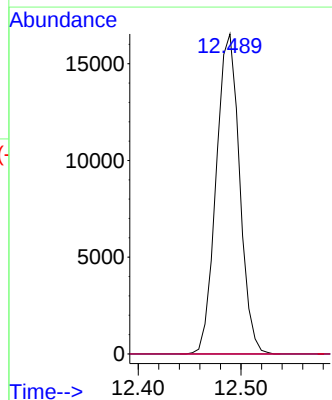
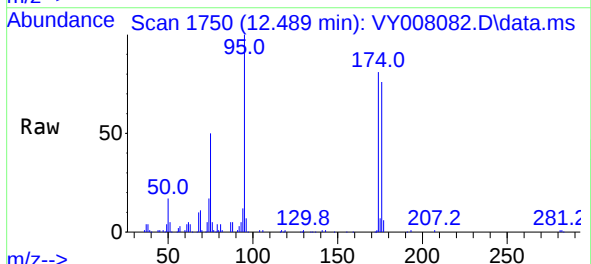
Instrument :
MSVOA_Y
ClientSampleId :

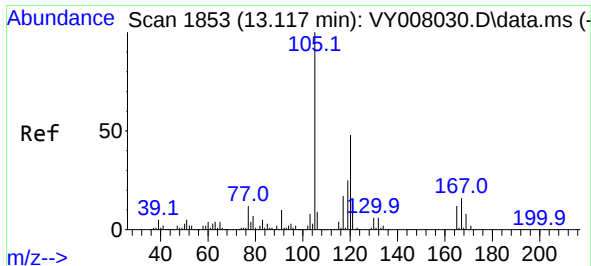
Tgt Ion: 75 Resp: 26134
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.847 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

Tgt Ion: 75 Resp: 26134
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

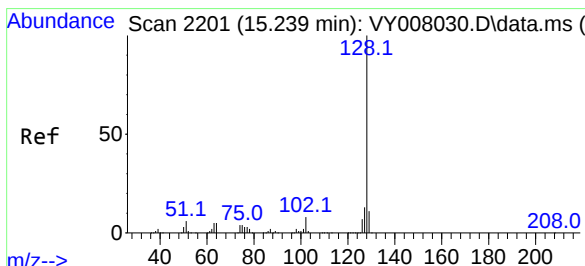
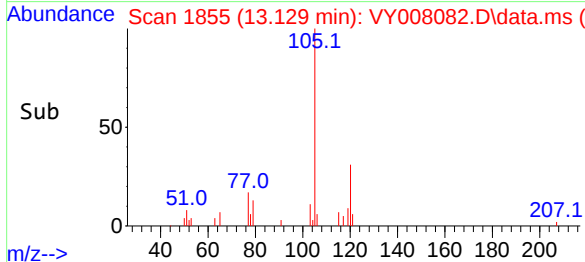
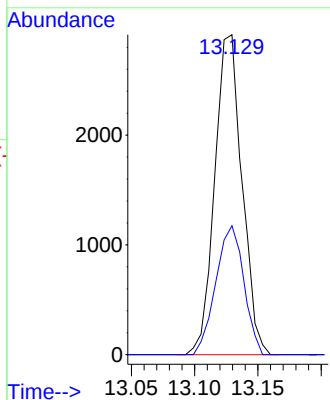
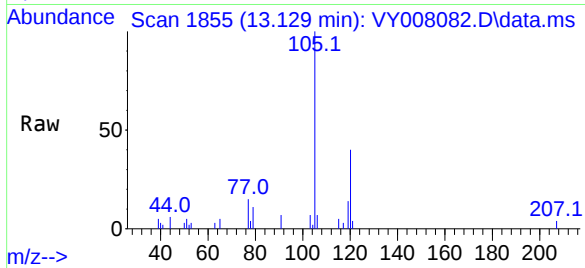




#84
1,2,4-Trimethylbenzene
Concen: 1.453 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.012 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

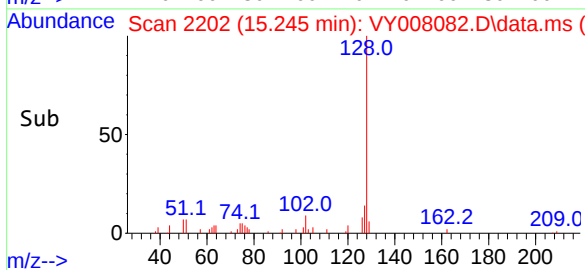
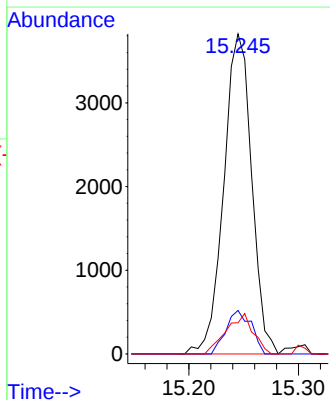
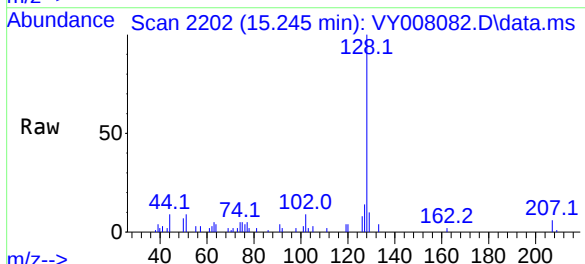
Instrument :
MSVOA_Y
ClientSampleId :

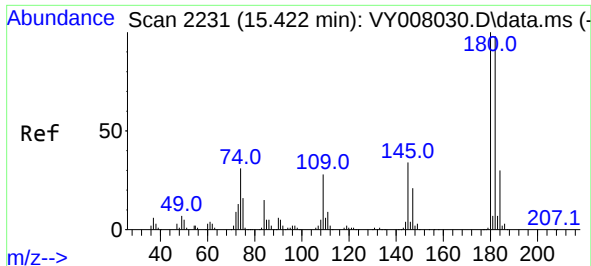
Tgt Ion:105 Resp: 4364
Ion Ratio Lower Upper
105 100
120 41.3 22.3 66.9



#95
Naphthalene
Concen: 3.376 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY008082.D
Acq: 29 Mar 2022 12:58

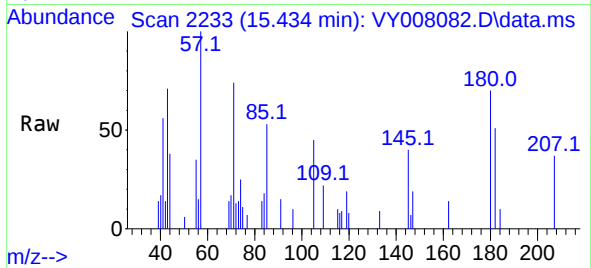
Tgt Ion:128 Resp: 6740
Ion Ratio Lower Upper
128 100
127 12.3 11.0 16.4
129 12.2 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.234 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY008082.D
 Acq: 29 Mar 2022 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 964
 Ion Ratio Lower Upper
 180 100
 182 88.9 47.3 141.9
 145 74.5 15.3 45.9#

