

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011991.D
 Acq On : 23 Dec 2022 12:41
 Operator : KP/MD
 Sample : N6196-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:24:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

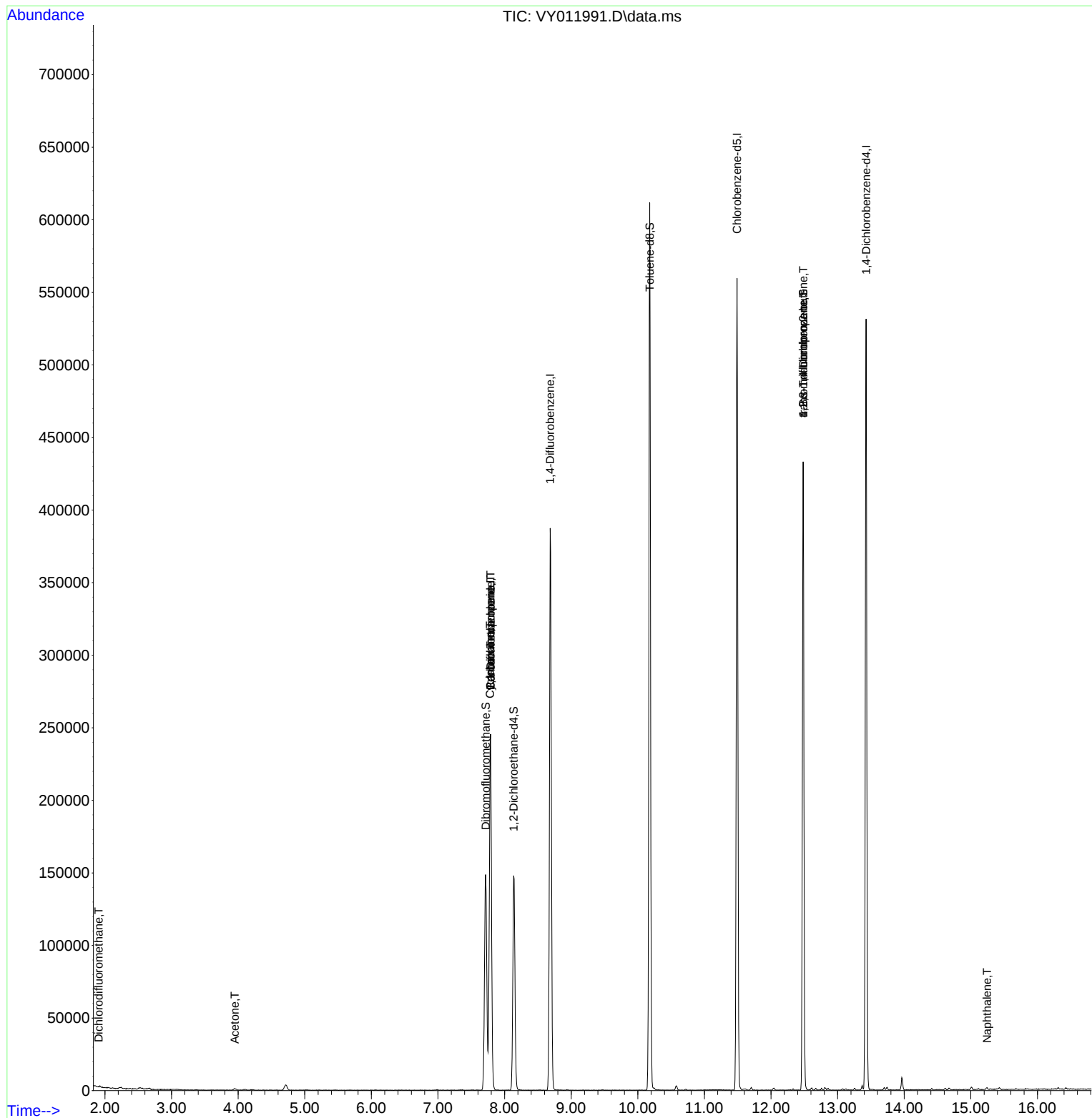
Internal Standards						
1) Pentafluorobenzene	7.789	168	192176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119545	61.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.480%	
35) Dibromofluoromethane	7.716	113	104620	51.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.179	98	400756	48.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.483	95	127924	46.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48	2.497	ug/l #	41
11) Tert butyl alcohol	4.936	59	38	Below Cal	#	74
16) Acetone	3.948	43	1953	8.187	ug/l	98
20) Methylene Chloride	4.716	84	3006	Below Cal		91
31) Cyclohexane	7.783	56	3620	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13652	4.218	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19075	5.102	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	66579	38.162	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66579	104.506	ug/l #	13
95) Naphthalene	15.245	128	1455	3.044	ug/l #	92

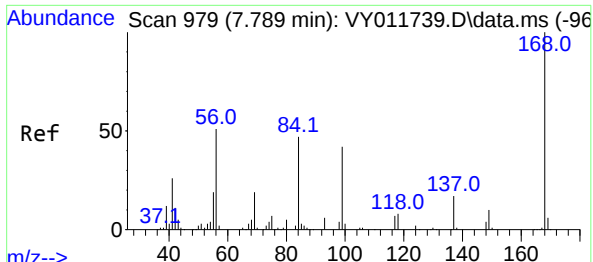
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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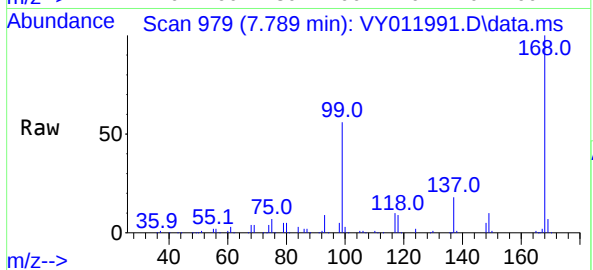
Quant Time: Dec 23 22:24:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
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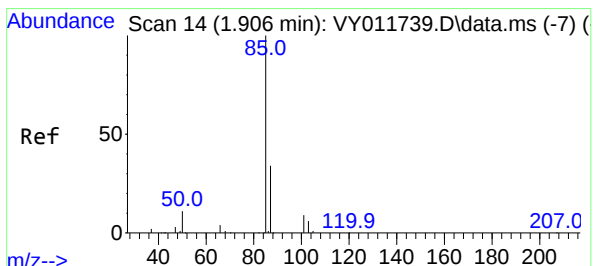
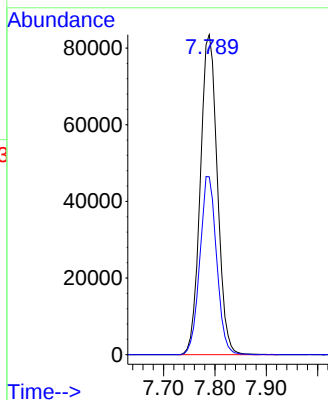
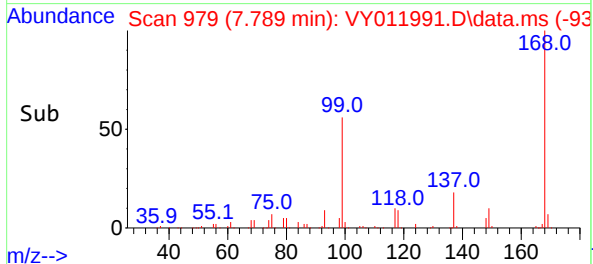


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

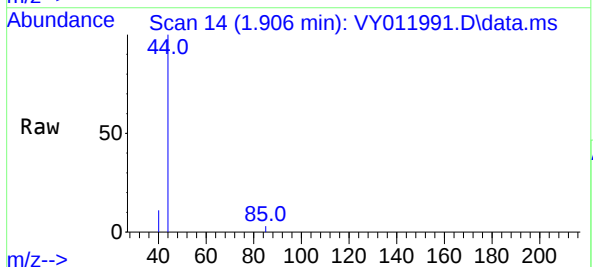
Instrument :
MSVOA_Y
ClientSampleId :



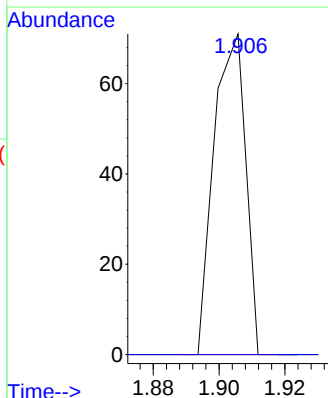
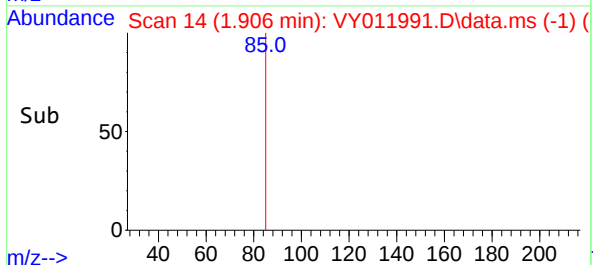
Tgt Ion:168 Resp: 192176
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0

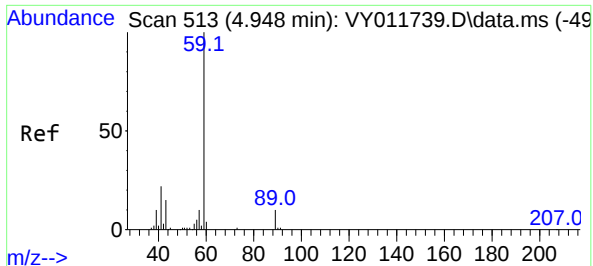


#2
Dichlorodifluoromethane
Concen: 2.497 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41



Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

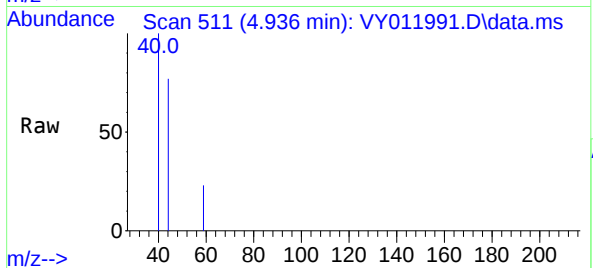
Lab File: VY011991.D

Acq: 23 Dec 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

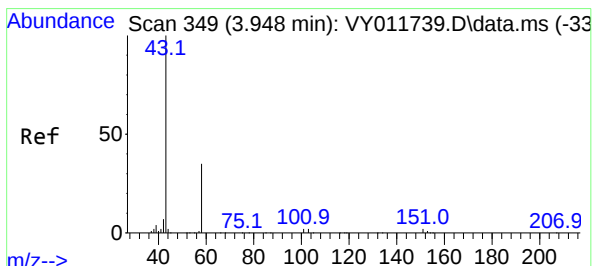
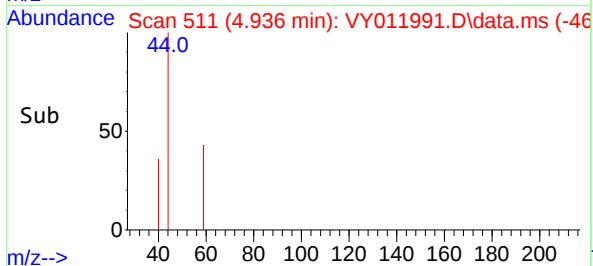
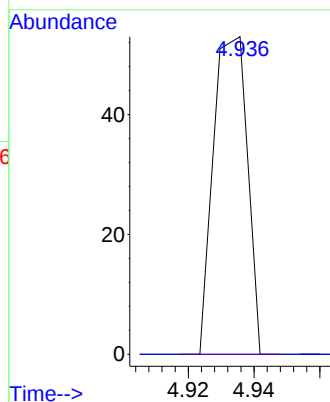


Tgt Ion: 59 Resp: 38

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 8.187 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY011991.D

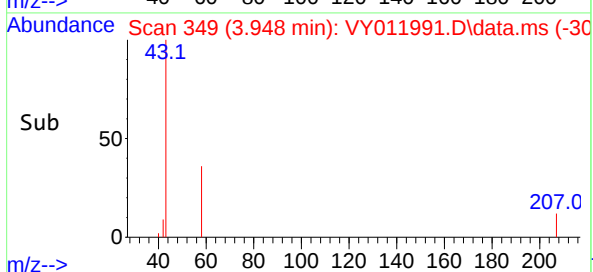
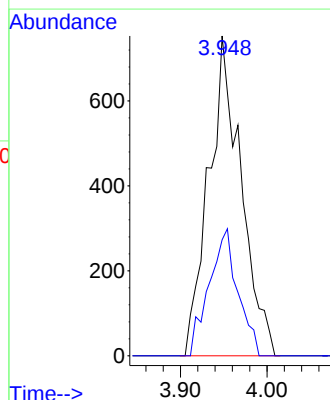
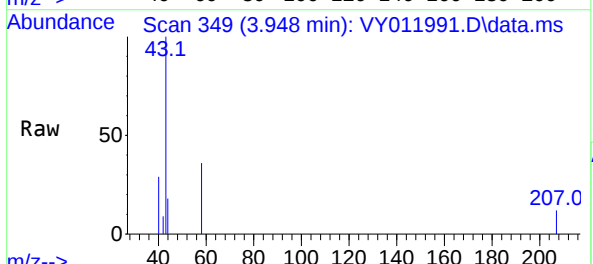
Acq: 23 Dec 2022 12:41

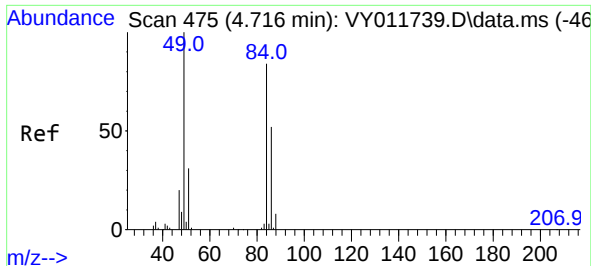
Tgt Ion: 43 Resp: 1953

Ion Ratio Lower Upper

43 100

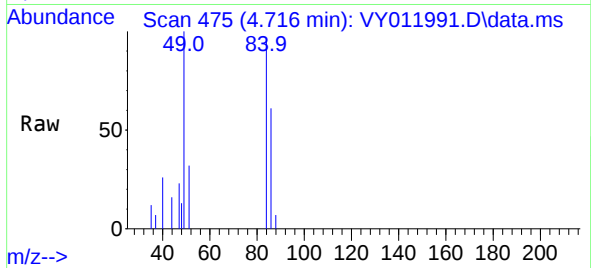
58 36.3 27.9 41.9





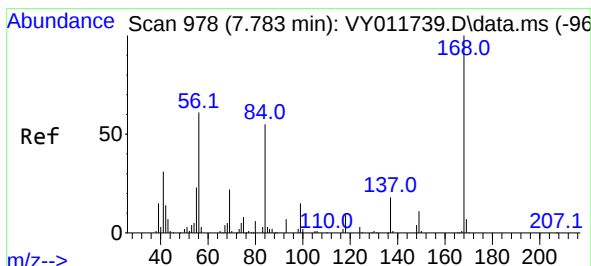
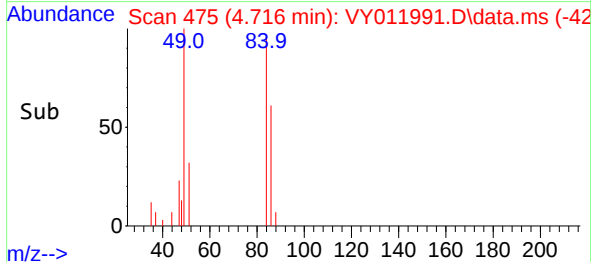
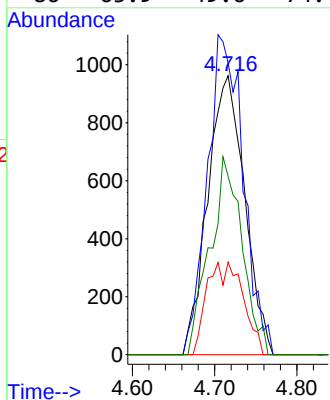
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3006

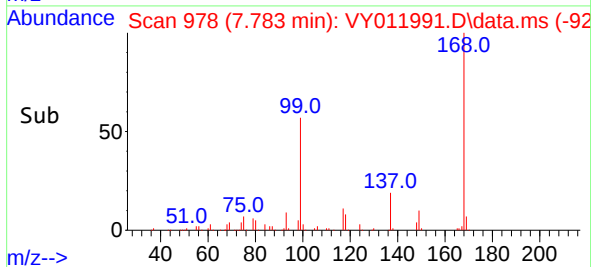
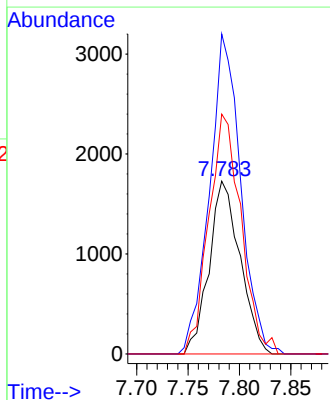
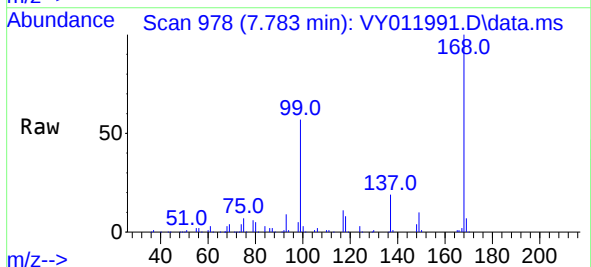
Ion	Ratio	Lower	Upper
84	100		
49	104.7	95.4	143.2
51	33.2	29.9	44.9
86	63.9	49.6	74.4

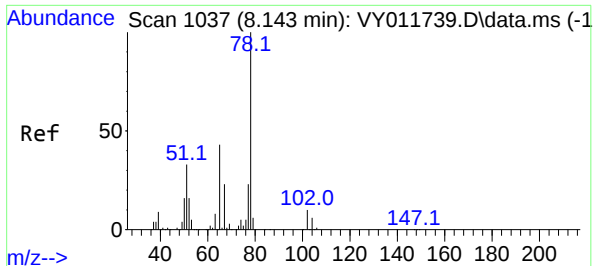


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

Tgt Ion: 56 Resp: 3620

Ion	Ratio	Lower	Upper
56	100		
69	185.2	29.2	43.8#
84	138.8	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 61.744 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY011991.D

Acq: 23 Dec 2022 12:41

Instrument :

MSVOA_Y

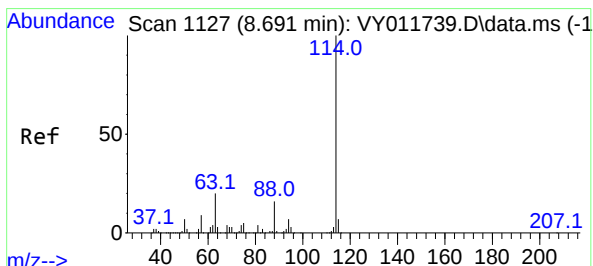
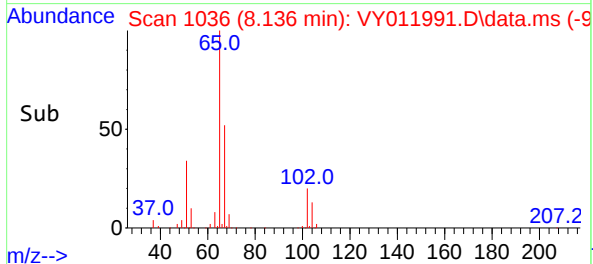
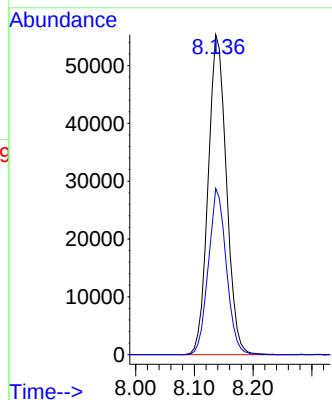
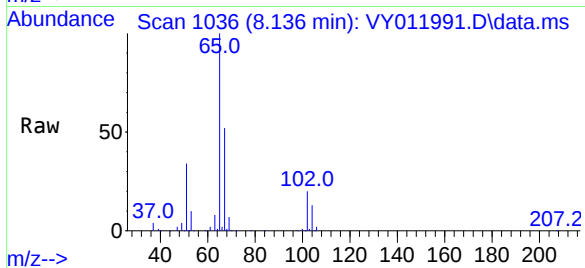
ClientSampleId :

Tgt Ion: 65 Resp: 119545

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011991.D

Acq: 23 Dec 2022 12:41

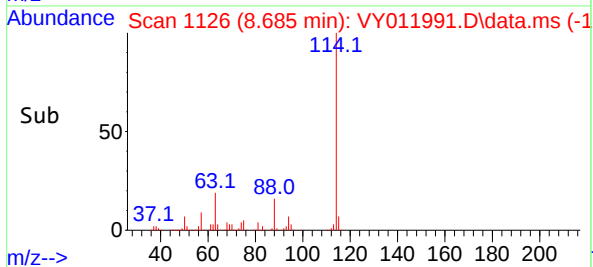
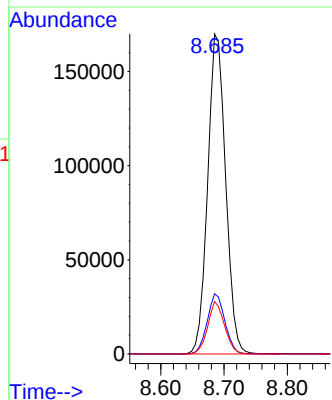
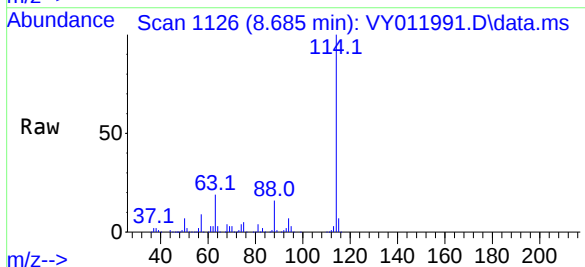
Tgt Ion: 114 Resp: 335204

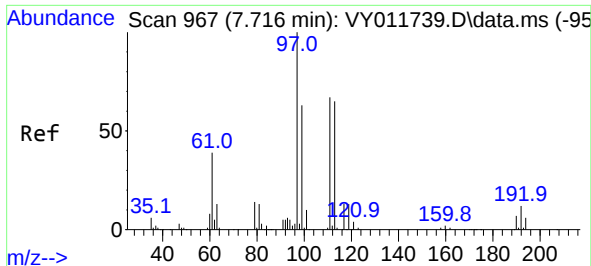
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

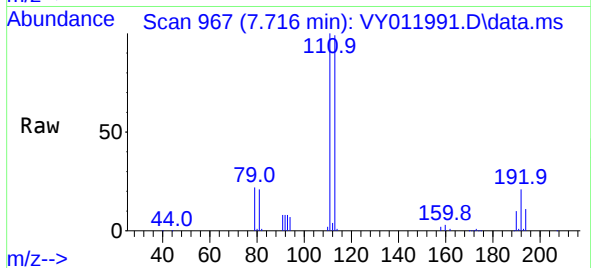
88 16.4 0.0 32.2



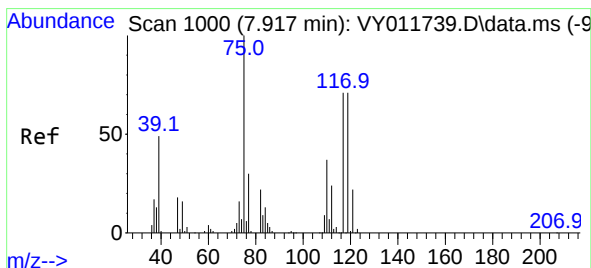
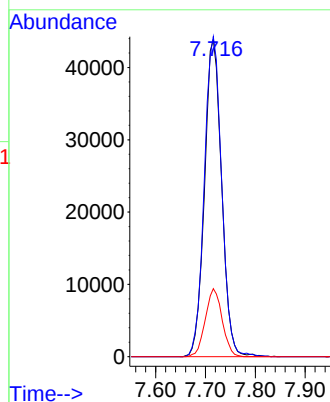
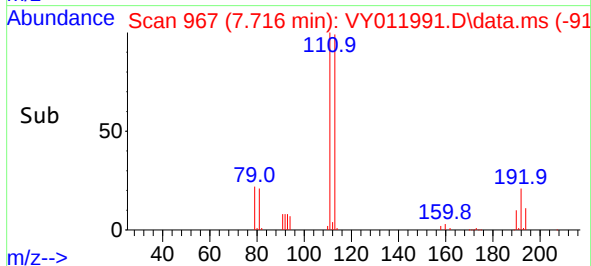


#35
Dibromofluoromethane
Concen: 51.843 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

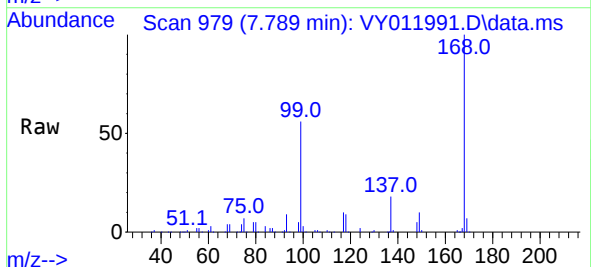
Instrument :
MSVOA_Y
ClientSampleId :



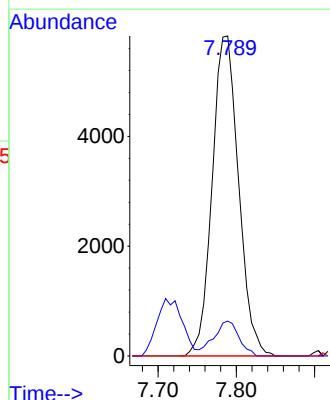
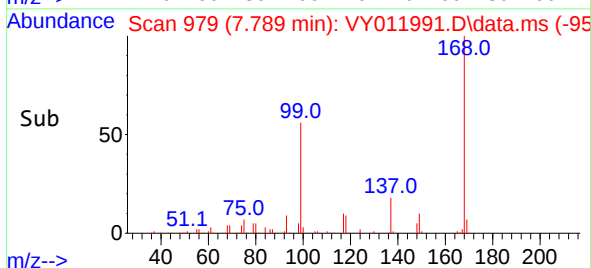
Tgt Ion:113 Resp: 104620
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 21.1 16.0 24.0

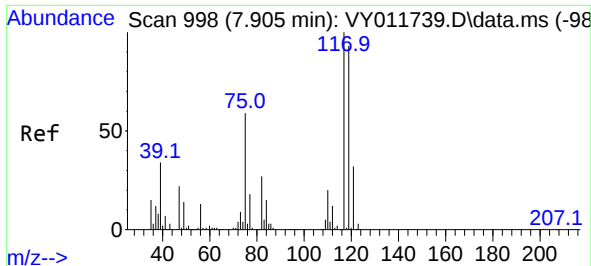


#36
1,1-Dichloropropene
Concen: 4.218 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41



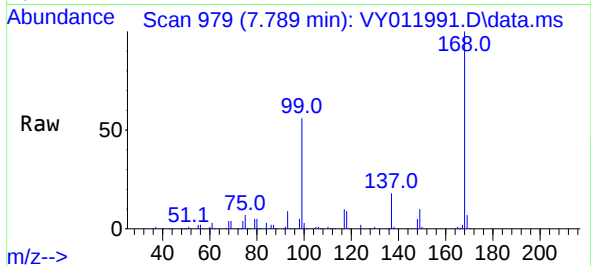
Tgt Ion: 75 Resp: 13652
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#



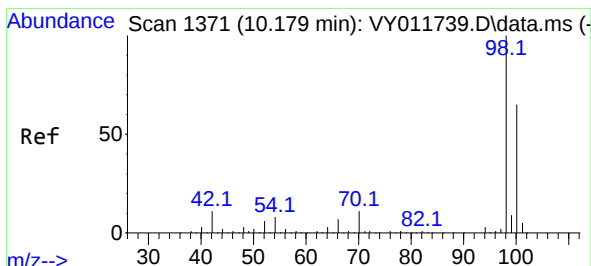
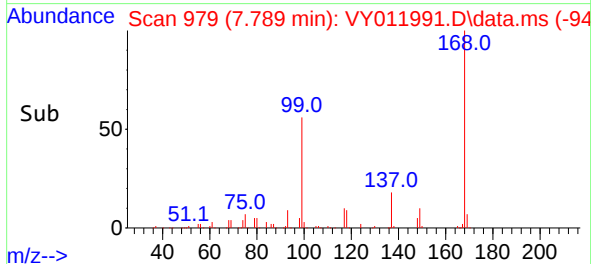
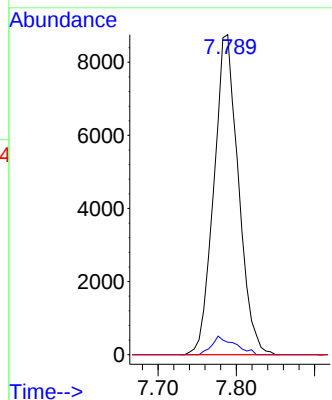


#38
Carbon Tetrachloride
Concen: 5.102 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

Instrument :
MSVOA_Y
ClientSampleId :

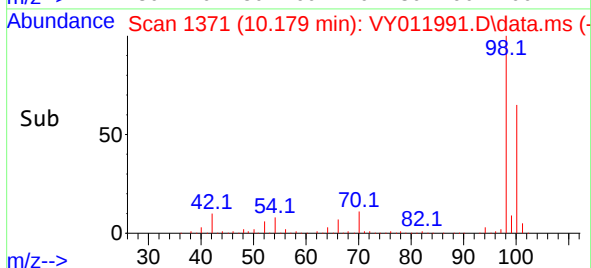
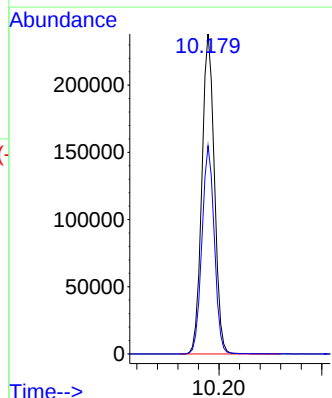
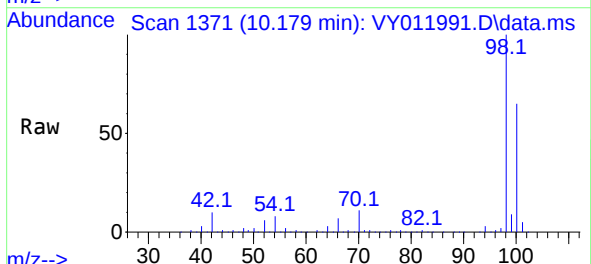


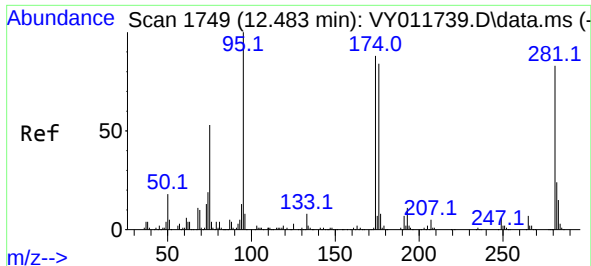
Tgt Ion:117 Resp: 19075
Ion Ratio Lower Upper
117 100
119 3.9 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 48.947 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

Tgt Ion: 98 Resp: 400756
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

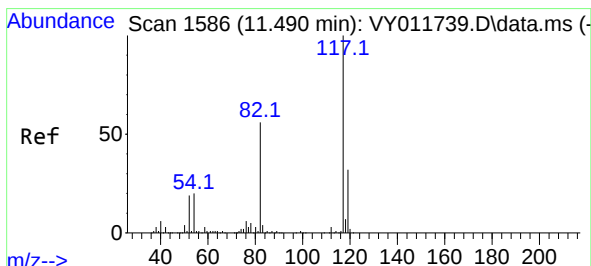
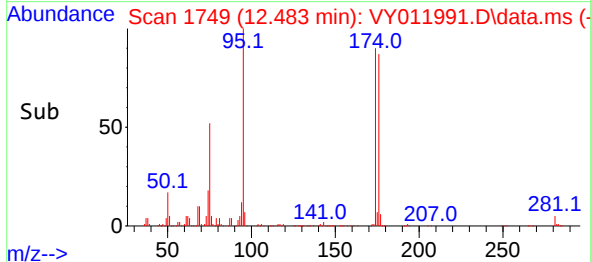
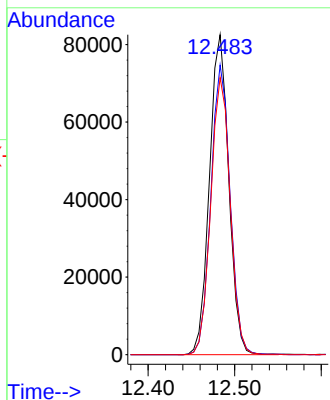
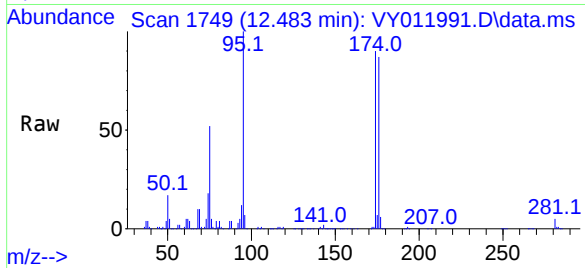




#62
4-Bromofluorobenzene
Concen: 46.456 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

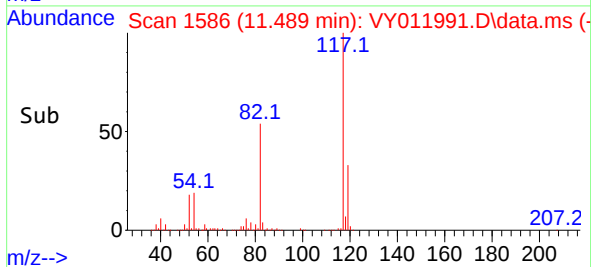
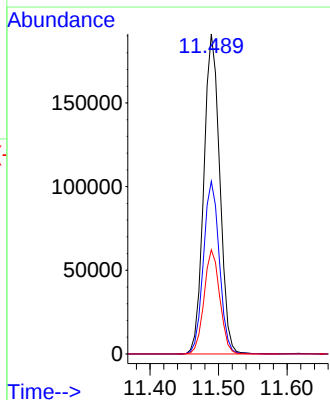
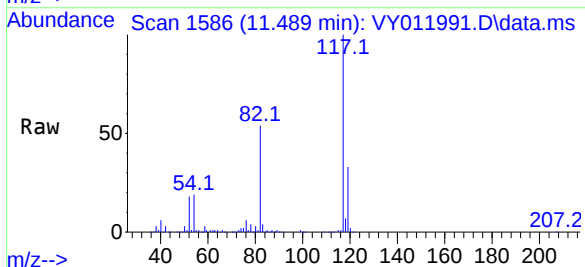
Instrument :
MSVOA_Y
ClientSampleId :

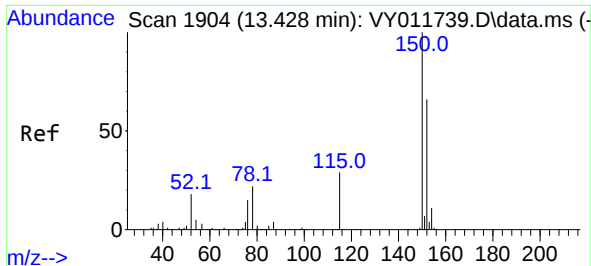
Tgt Ion: 95 Resp: 127924
Ion Ratio Lower Upper
95 100
174 90.3 0.0 172.0
176 87.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

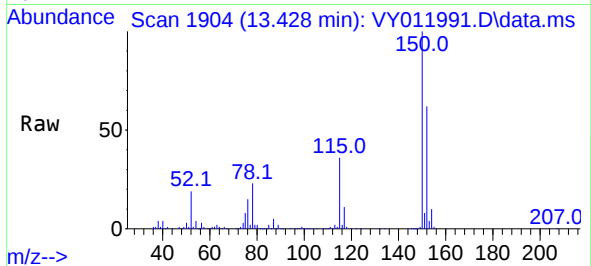
Tgt Ion:117 Resp: 310320
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 32.6 25.4 38.2



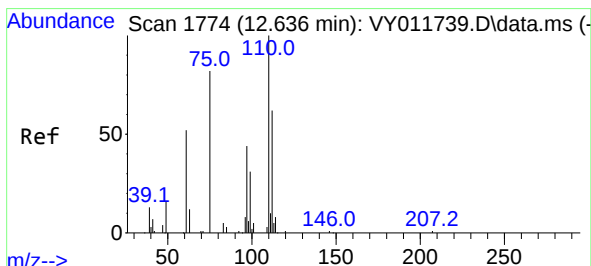
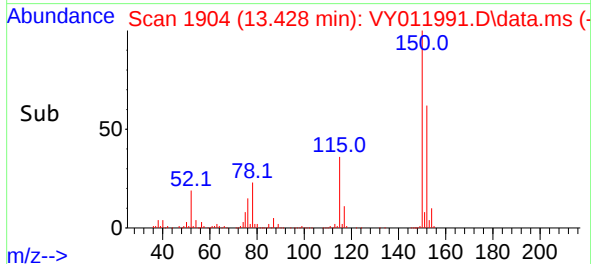
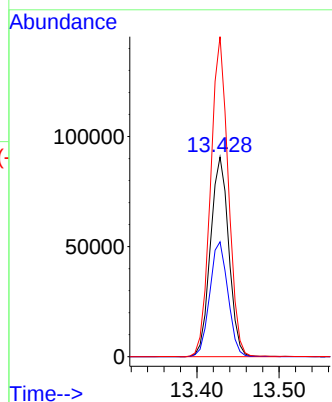


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011991.D
 Acq: 23 Dec 2022 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :

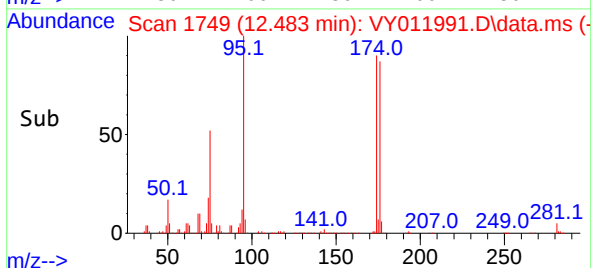
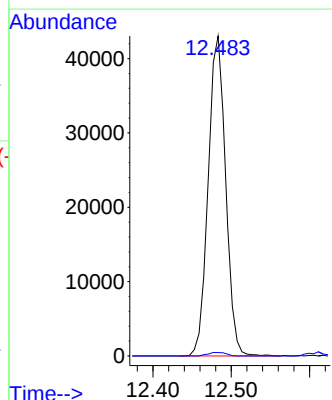
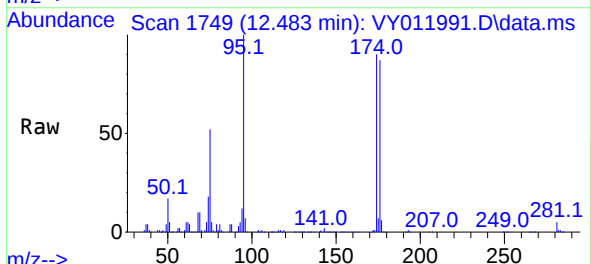


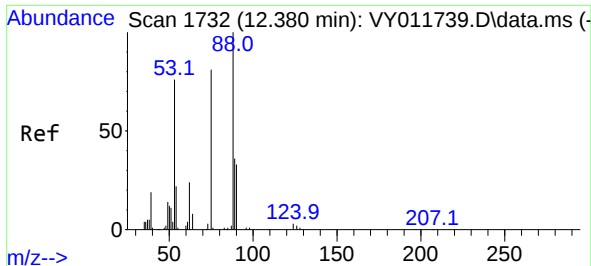
Tgt Ion:152 Resp: 140208
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.3
 150 155.2 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 38.162 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011991.D
 Acq: 23 Dec 2022 12:41

Tgt Ion: 75 Resp: 66579
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

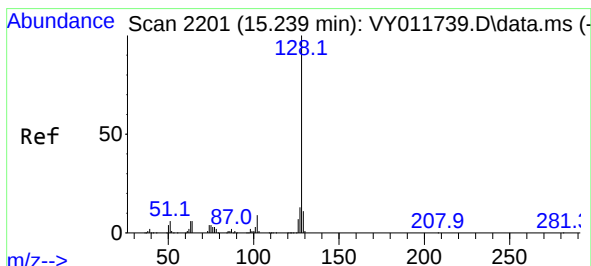
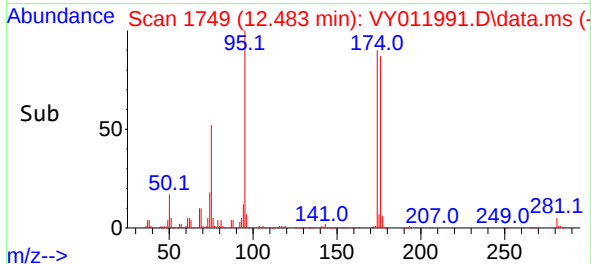
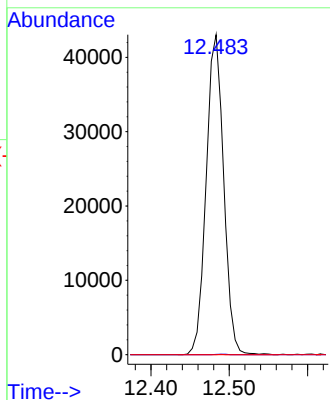
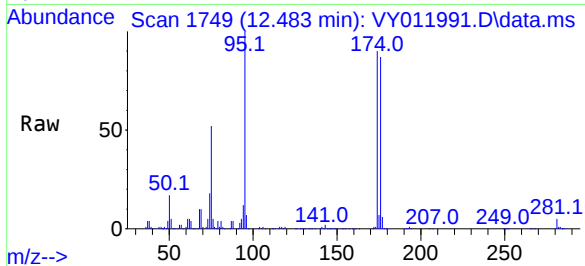




#81
trans-1,4-Dichloro-2-butene
Concen: 104.506 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66579
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.044 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY011991.D
Acq: 23 Dec 2022 12:41

Tgt Ion:128 Resp: 1455
Ion Ratio Lower Upper
128 100
127 7.9 10.2 15.2#
129 12.0 8.8 13.2

