

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010698.D
 Acq On : 27 Sep 2022 15:15
 Operator : KP/MD
 Sample : N4751-06
 Misc : 9.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 01:25:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

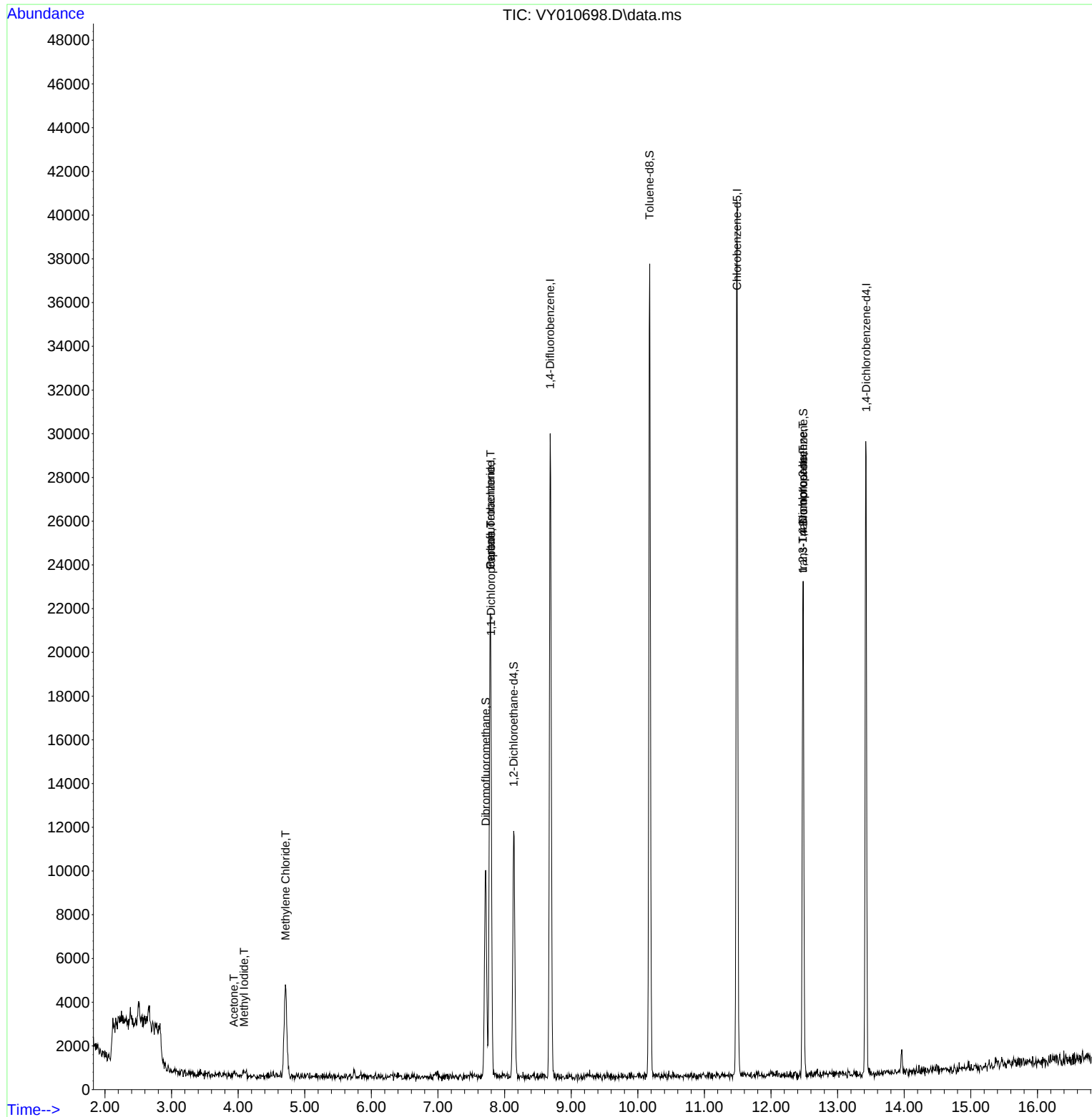
Internal Standards						
1) Pentafluorobenzene	7.789	168	17453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	25362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8738	52.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.680%	
35) Dibromofluoromethane	7.716	113	6788	41.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.880%	
50) Toluene-d8	10.179	98	24907	42.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.320%	
62) 4-Bromofluorobenzene	12.483	95	7026	30.599	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	183	Below Cal	#	68
4) Vinyl Chloride	2.363	62	19	Below Cal	#	43
5) Bromomethane	2.662	94	282	Below Cal		99
10) Methyl Iodide	4.088	142	252	1.581	ug/l #	47
16) Acetone	3.936	43	203	5.963	ug/l #	47
18) Methyl Acetate	4.417	43	25	Below Cal	#	56
20) Methylene Chloride	4.710	84	3203	7.623	ug/l	92
31) Cyclohexane	7.789	56	381	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	1323	7.336	ug/l #	46
38) Carbon Tetrachloride	7.789	117	1755	8.463	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	3733	49.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3733	109.844	ug/l #	7

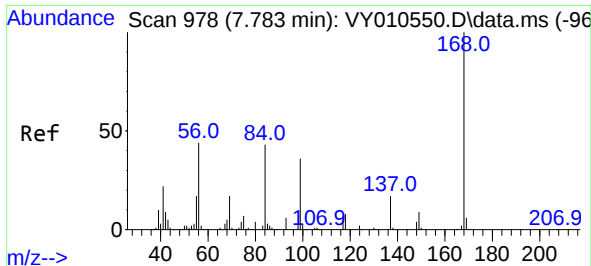
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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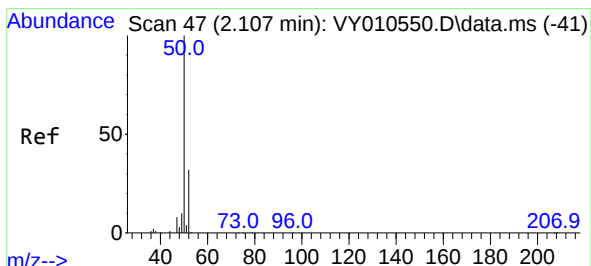
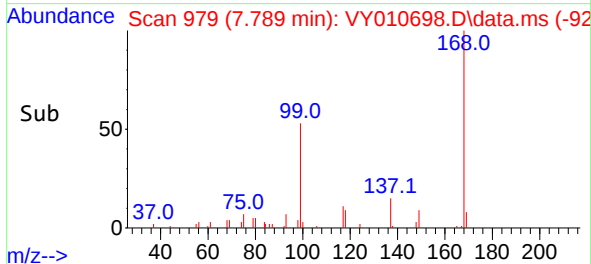
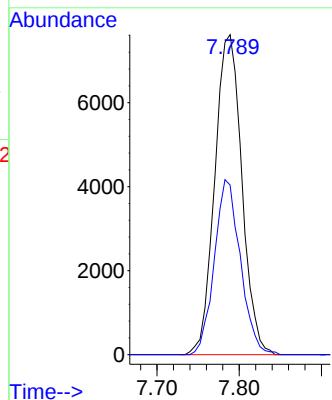
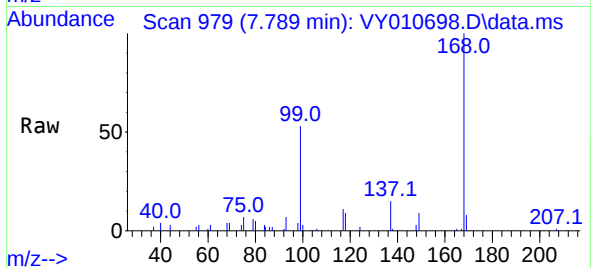




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

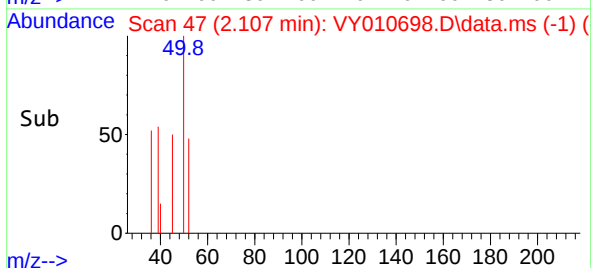
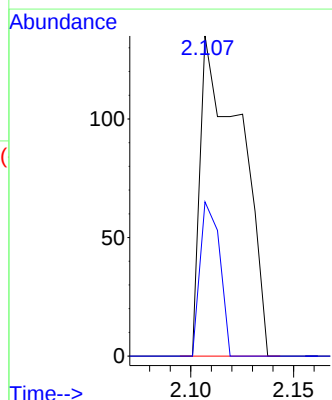
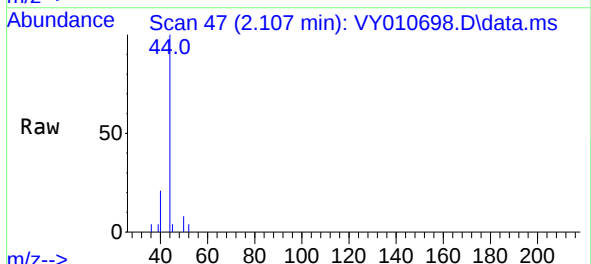
Instrument :
MSVOA_Y
ClientSampleId :

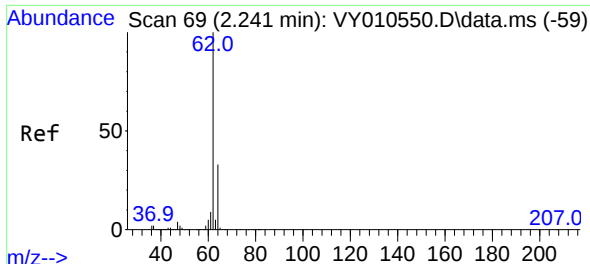
Tgt Ion:168 Resp: 17453
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Tgt Ion: 50 Resp: 183
Ion Ratio Lower Upper
50 100
52 48.1 24.6 37.0#

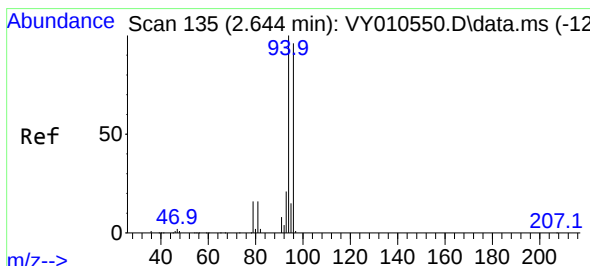
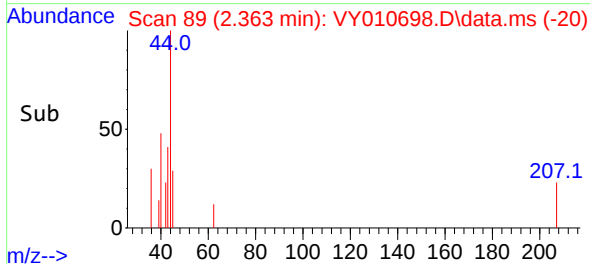
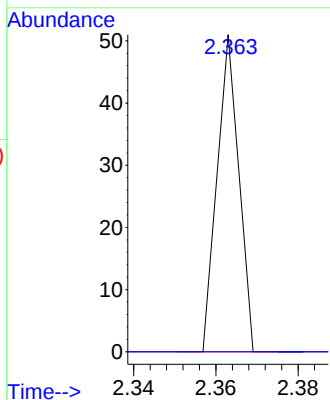
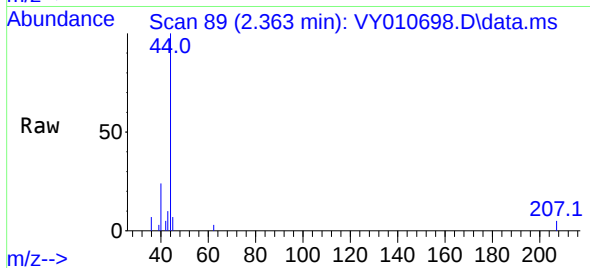




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.363 min Scan# 89
 Delta R.T. 0.122 min
 Lab File: VY010698.D
 Acq: 27 Sep 2022 15:15

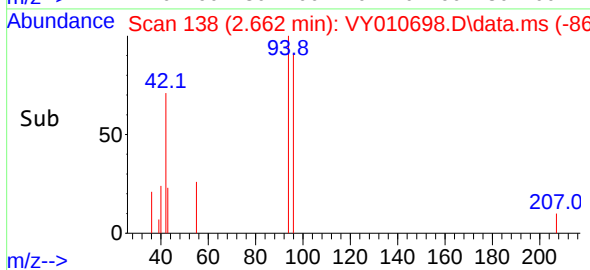
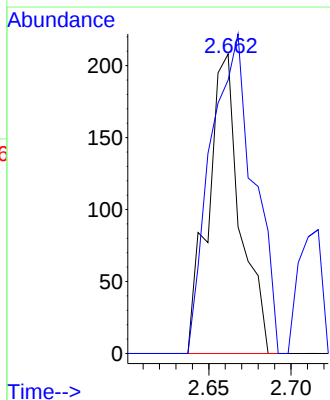
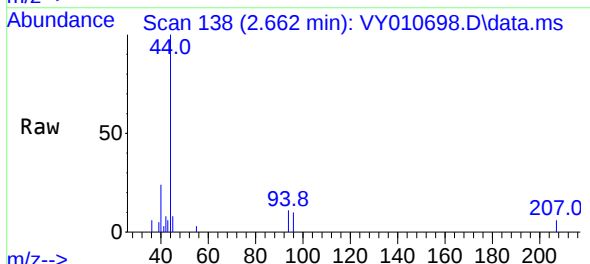
Instrument :
 MSVOA_Y
 ClientSampleId :

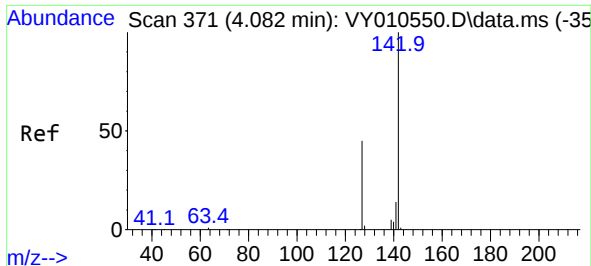
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.018 min
 Lab File: VY010698.D
 Acq: 27 Sep 2022 15:15

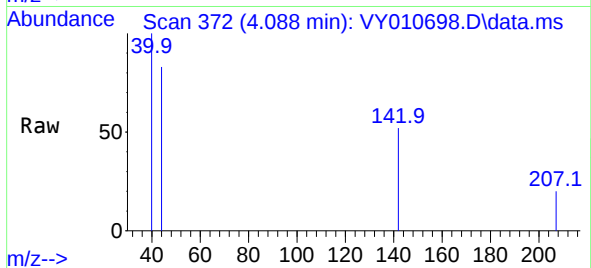
Tgt Ion: 94 Resp: 282
 Ion Ratio Lower Upper
 94 100
 96 91.3 73.5 110.3



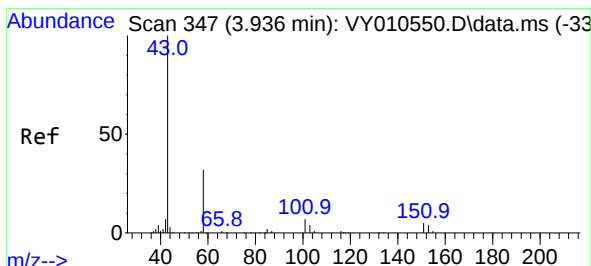
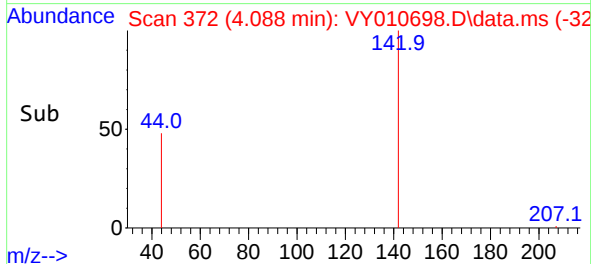
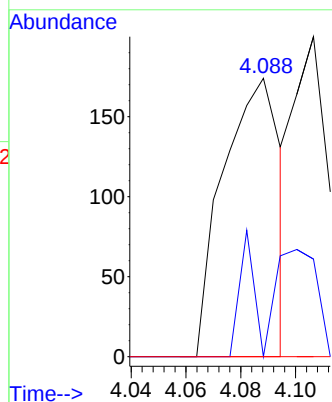


#10
Methyl Iodide
Concen: 1.581 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :

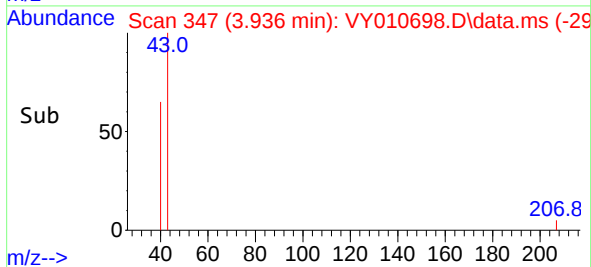
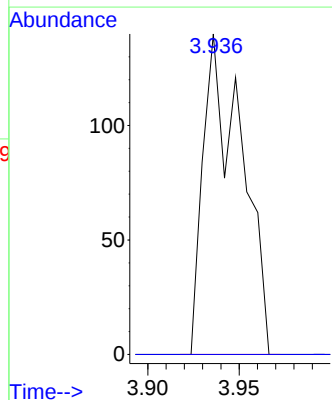
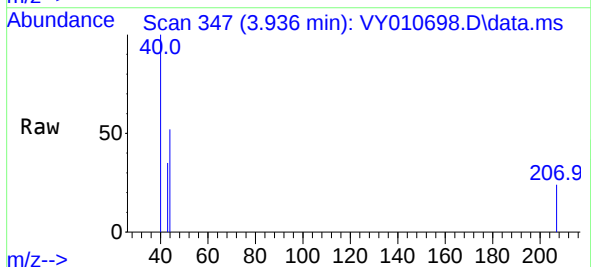


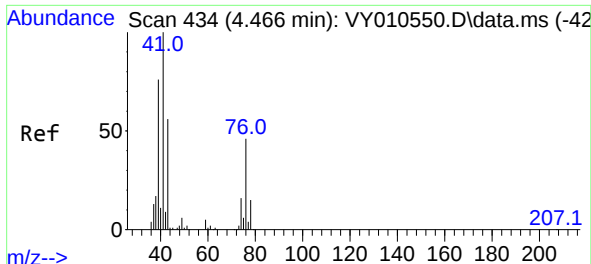
Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
127 11.5 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 5.963 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

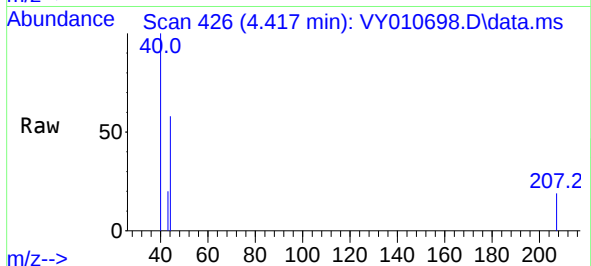
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



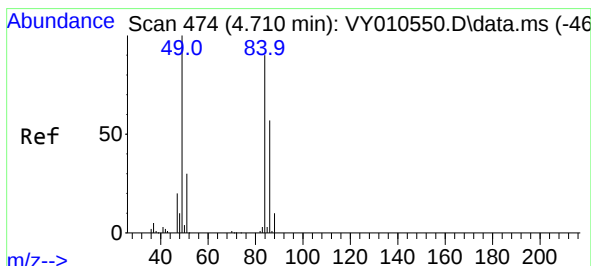
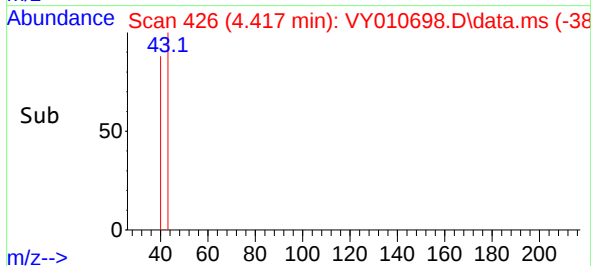
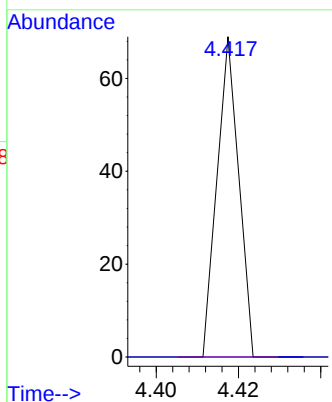


#18
Methyl Acetate
Concen: Below Cal
RT: 4.417 min Scan# 43
Delta R.T. -0.049 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :

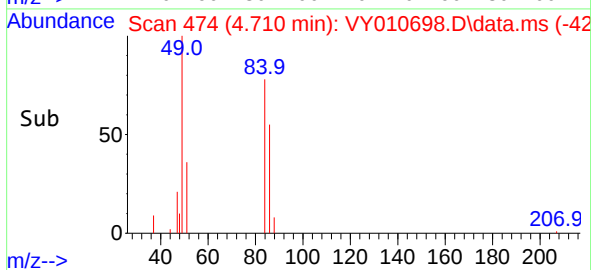
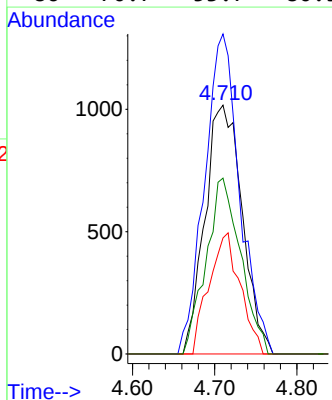
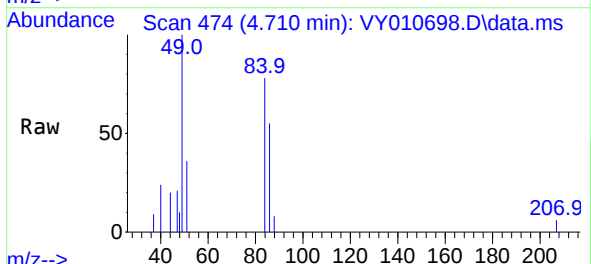


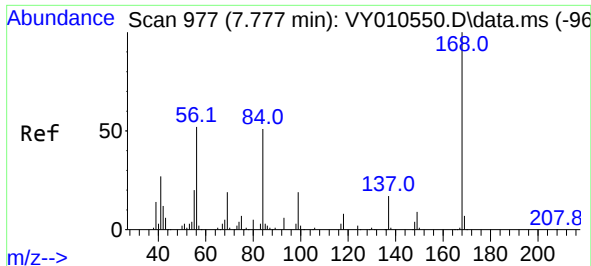
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 7.623 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

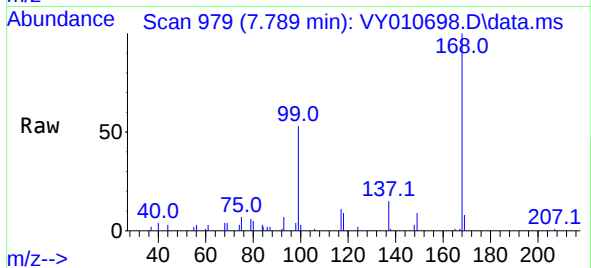
Tgt Ion: 84 Resp: 3203
Ion Ratio Lower Upper
84 100
49 128.6 114.4 171.6
51 46.6 35.3 52.9
86 70.7 53.7 80.5



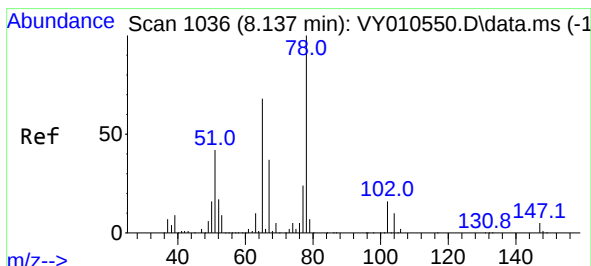
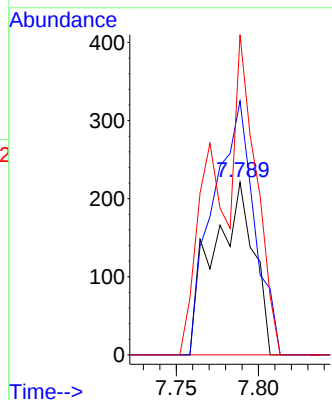
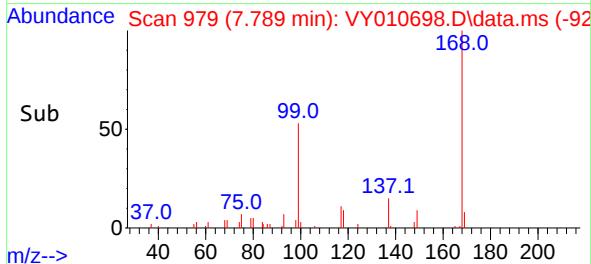


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :

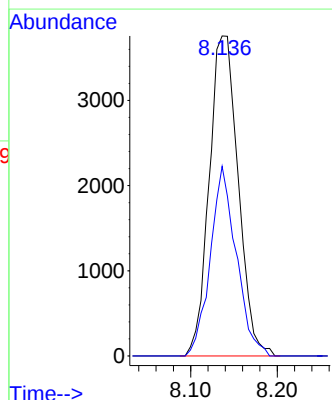
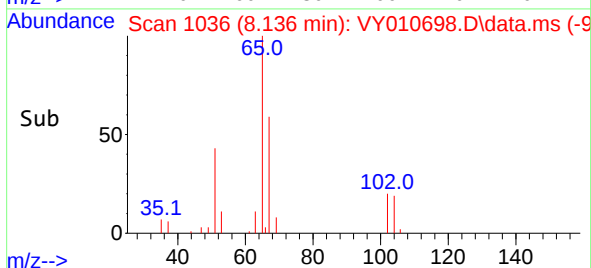
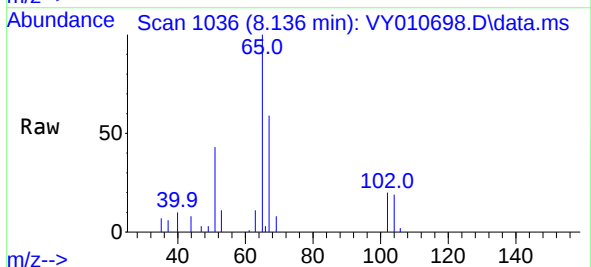


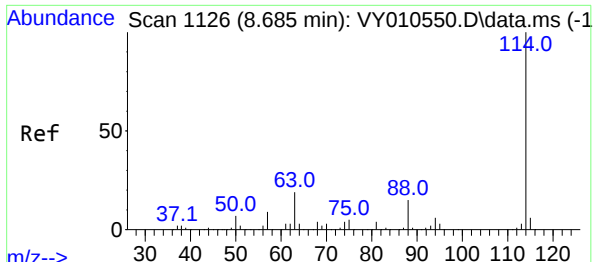
Tgt Ion: 56 Resp: 381
Ion Ratio Lower Upper
56 100
69 147.1 26.7 40.1#
84 185.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.344 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Tgt Ion: 65 Resp: 8738
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010698.D

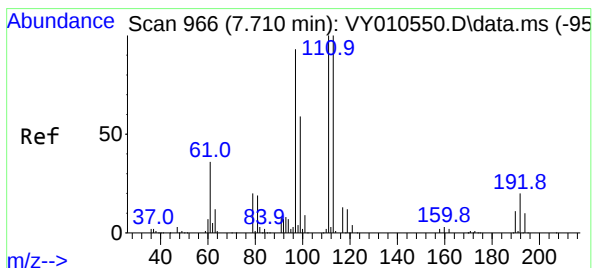
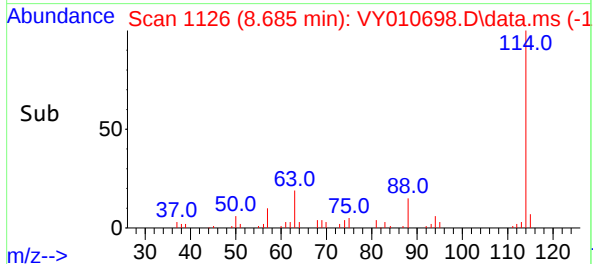
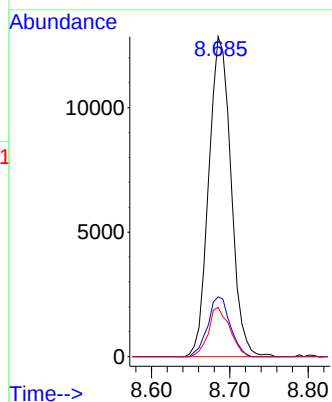
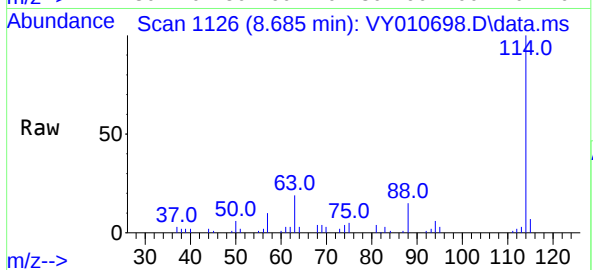
Acq: 27 Sep 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	25362
Ion Ratio	Lower	Upper
114	100	
63	18.7	0.0 43.2
88	15.4	0.0 31.8



#35

Dibromofluoromethane

Concen: 41.937 ug/l

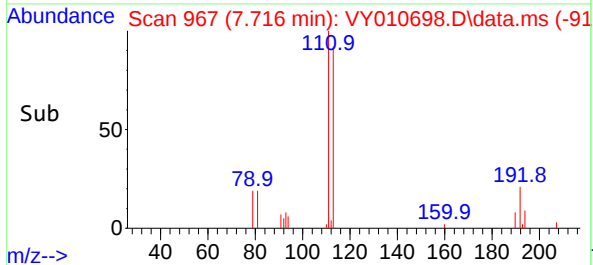
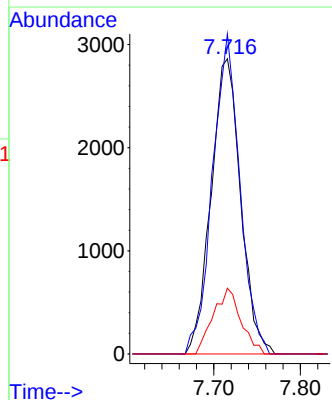
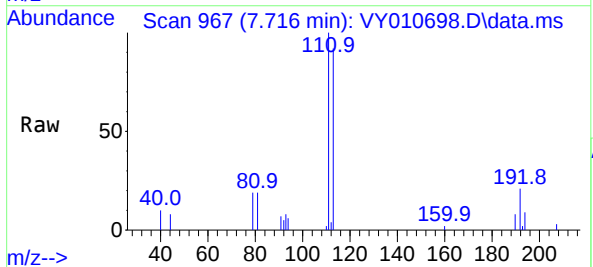
RT: 7.716 min Scan# 967

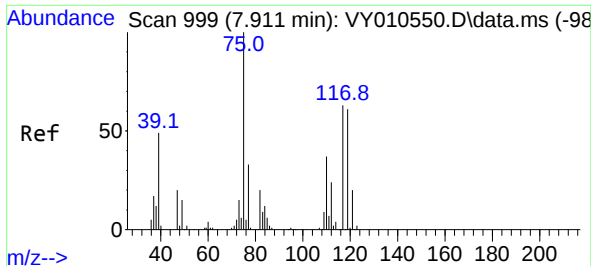
Delta R.T. 0.006 min

Lab File: VY010698.D

Acq: 27 Sep 2022 15:15

Tgt Ion:113	Resp:	6788
Ion Ratio	Lower	Upper
113	100	
111	100.3	82.6 124.0
192	20.9	17.6 26.4





#36

1,1-Dichloropropene

Concen: 7.336 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.116 min

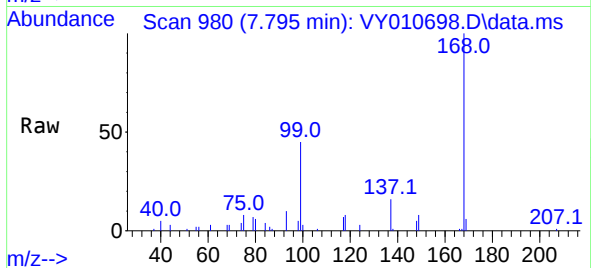
Lab File: VY010698.D

Acq: 27 Sep 2022 15:15

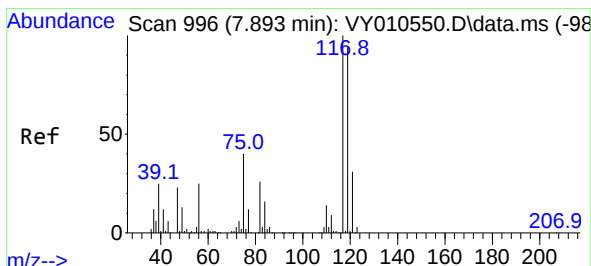
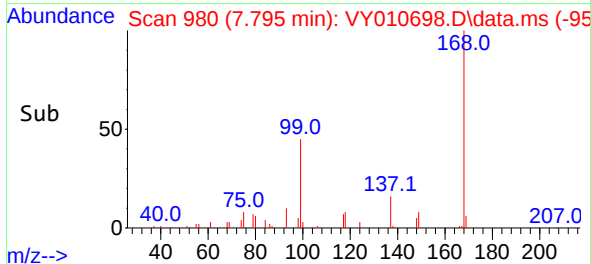
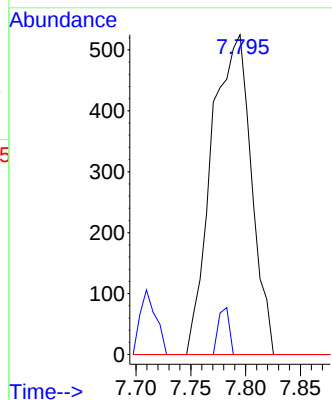
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	1323
Ion	Ratio	Lower	Upper
75	100		
110	4.0	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 8.463 ug/l

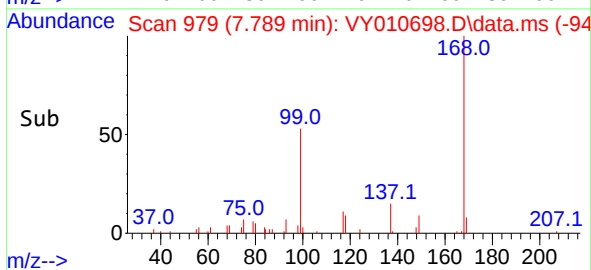
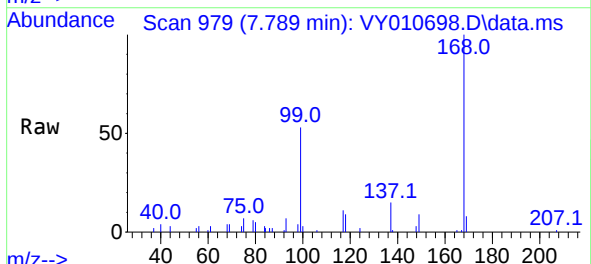
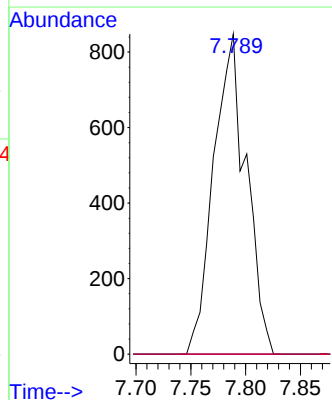
RT: 7.789 min Scan# 979

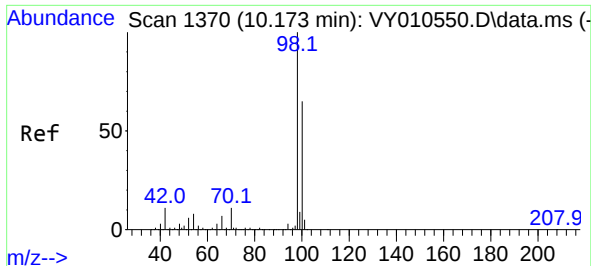
Delta R.T. -0.104 min

Lab File: VY010698.D

Acq: 27 Sep 2022 15:15

Tgt Ion:	117	Resp:	1755
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.9	116.9#
121	0.0	24.8	37.2#

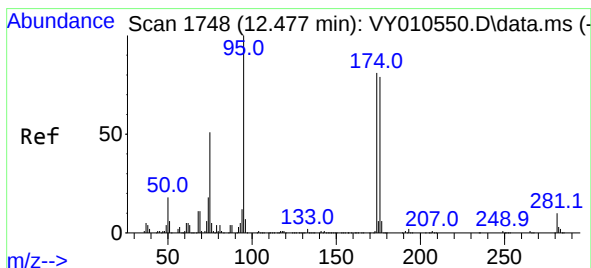
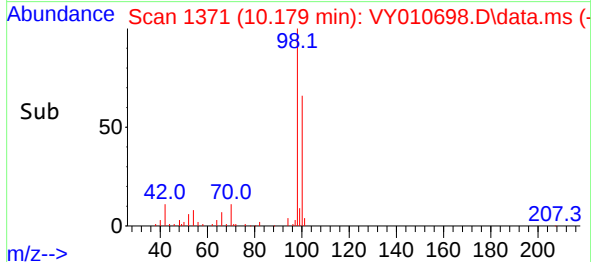
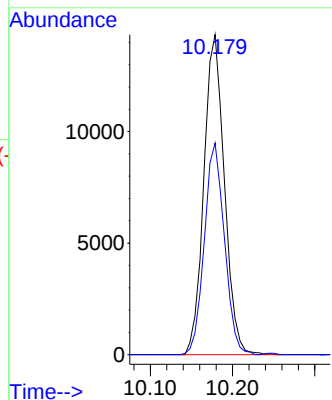
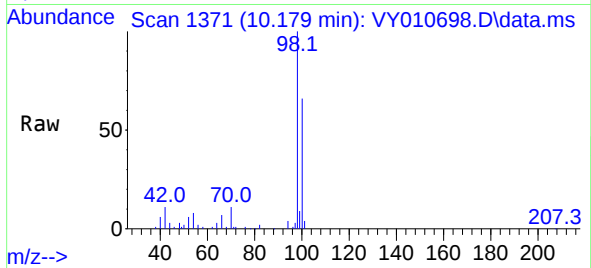




#50
Toluene-d8
Concen: 42.159 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

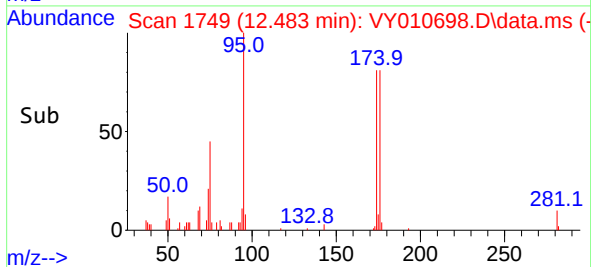
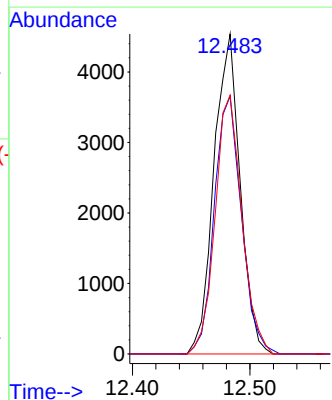
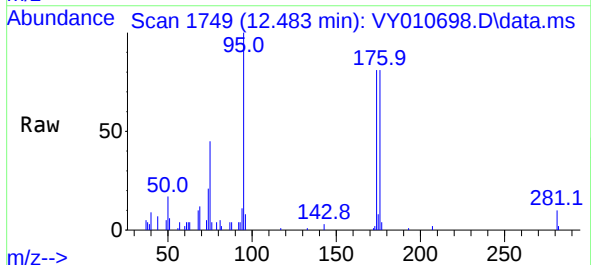
Instrument :
MSVOA_Y
ClientSampleId :

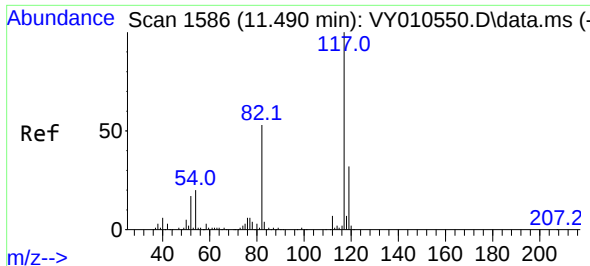
Tgt Ion: 98 Resp: 24907
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

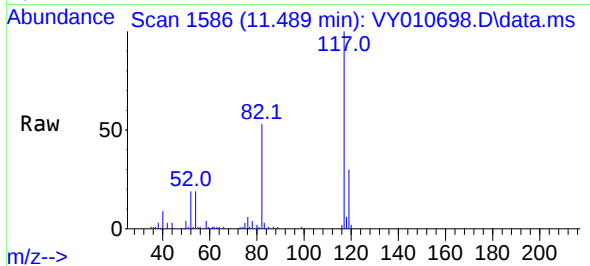
Tgt Ion: 95 Resp: 7026
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 82.7 0.0 175.8



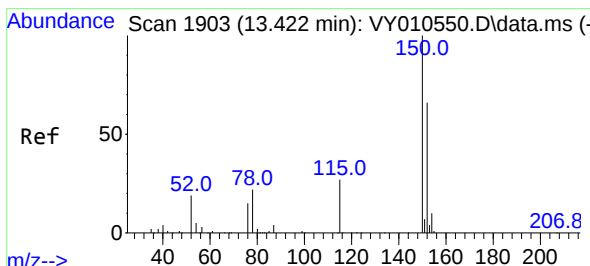
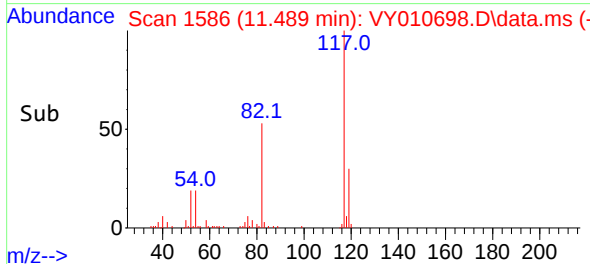
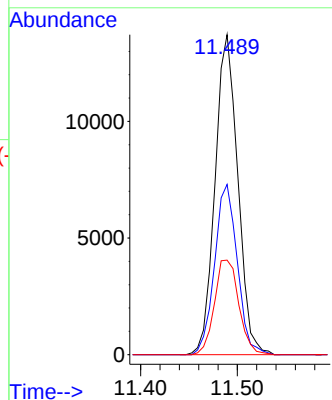


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :

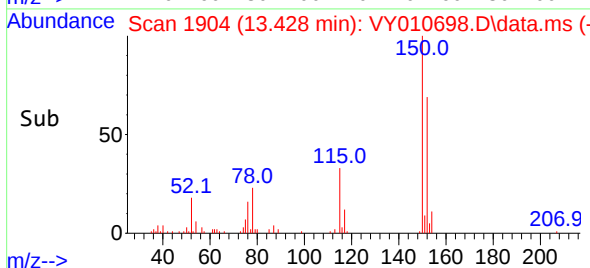
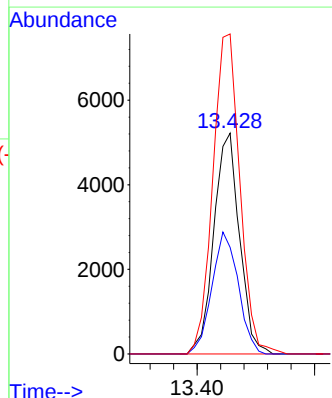
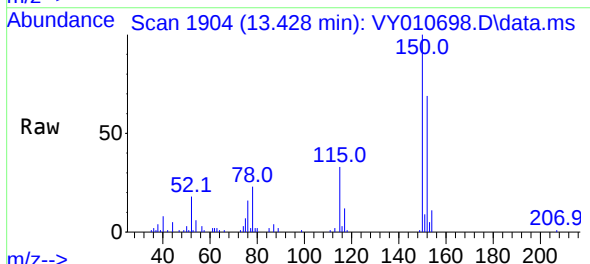


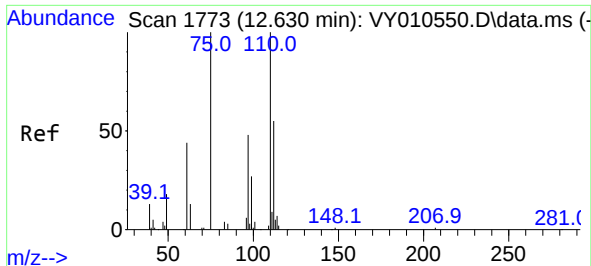
Tgt Ion:	117	Resp:	22411
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.0	64.4
119	29.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Tgt Ion:	152	Resp:	7917
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.2	84.7
150	152.6	0.0	347.6

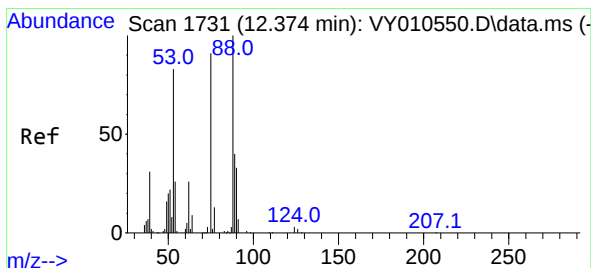
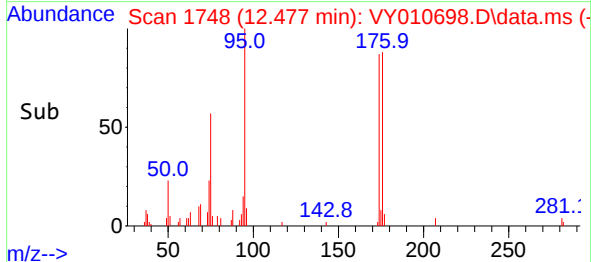
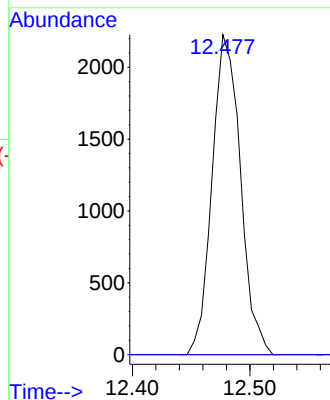
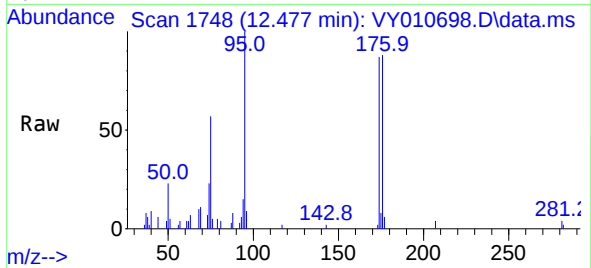




#76
1,2,3-Trichloropropane
Concen: 49.403 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 109.844 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

