

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009322.D
 Acq On : 25 Jun 2022 14:34
 Operator : KP/MD
 Sample : N3488-02
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

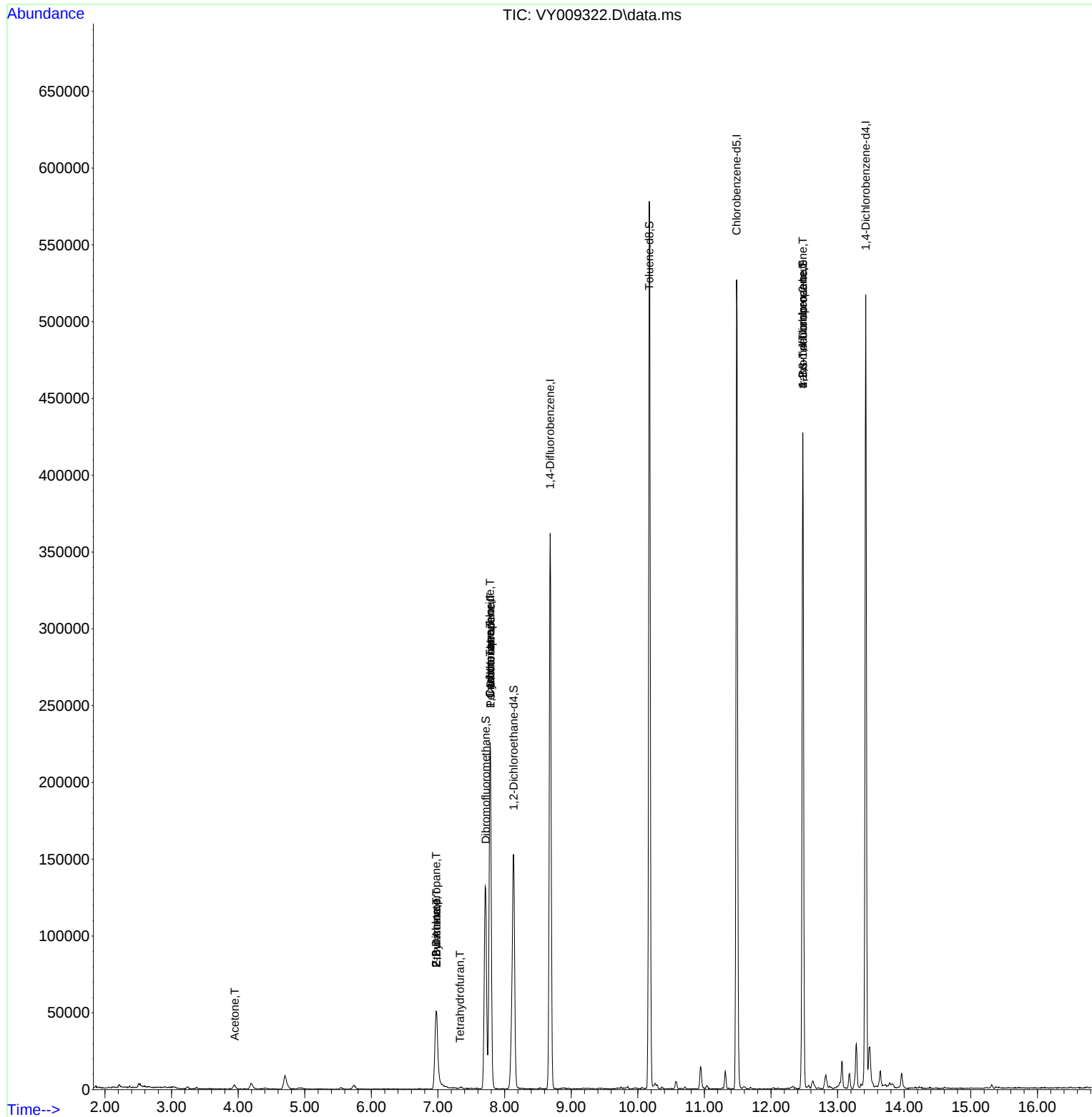
Internal Standards						
1) Pentafluorobenzene	7.789	168	177927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	284728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105052	81.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.540%	
35) Dibromofluoromethane	7.716	113	93923	56.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.940%	
50) Toluene-d8	10.173	98	369290	80.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 160.140%#	
62) 4-Bromofluorobenzene	12.477	95	121478	51.279	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	779	Below Cal	#	78
16) Acetone	3.948	43	4709	10.352	ug/l	90
20) Methylene Chloride	4.704	84	6065	Below Cal		86
25) 2-Butanone	6.978	43	3777	5.521	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	4034	1.306	ug/l #	52
29) Tetrahydrofuran	7.332	42	444	1.011	ug/l	91
31) Cyclohexane	7.783	56	3897	1.211	ug/l #	4
36) 1,1-Dichloropropene	7.789	75	14352	5.141	ug/l #	49
37) Ethyl Acetate	6.978	43	3777	2.382	ug/l #	7
38) Carbon Tetrachloride	7.783	117	17257	6.012	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	63349	51.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63349	101.202	ug/l #	14

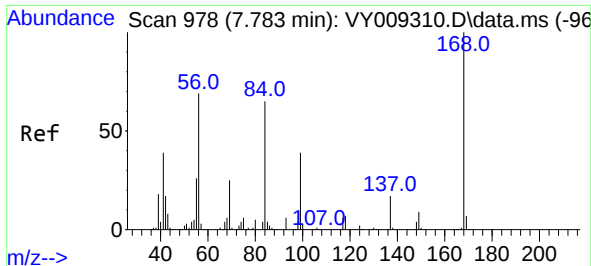
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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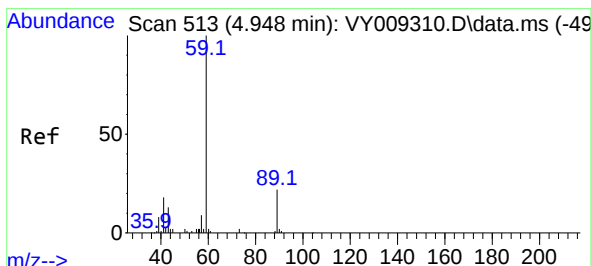
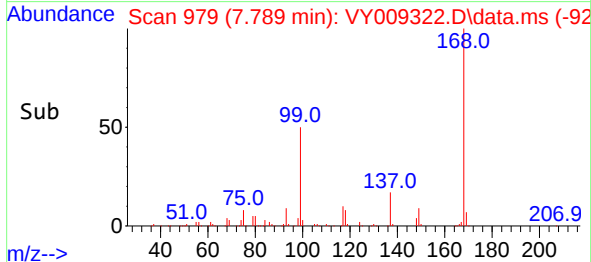
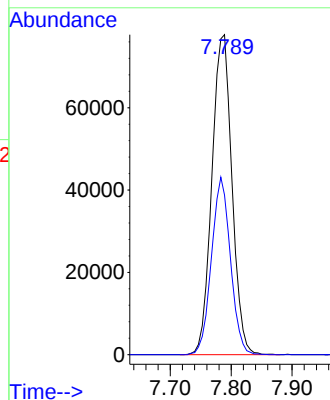
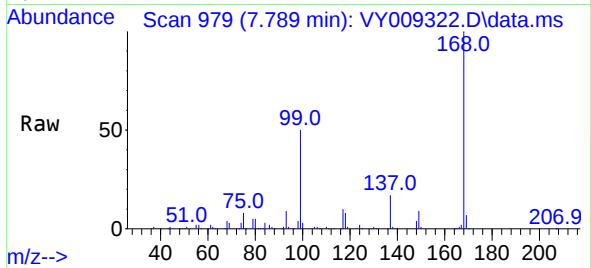




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

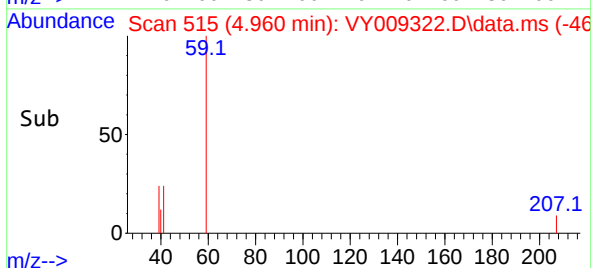
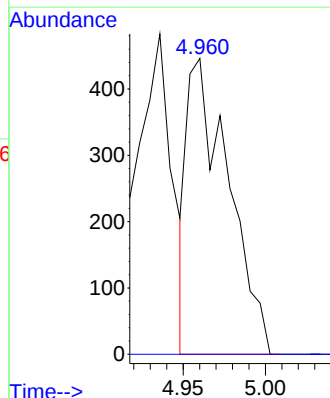
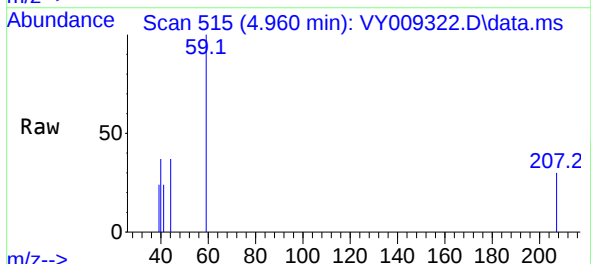
Instrument :
MSVOA_Y
ClientSampleId :

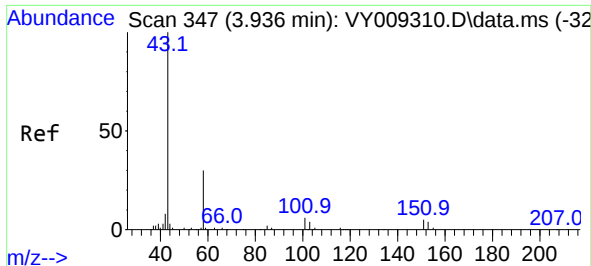
Tgt Ion:168 Resp: 177927
Ion Ratio Lower Upper
168 100
99 49.9 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

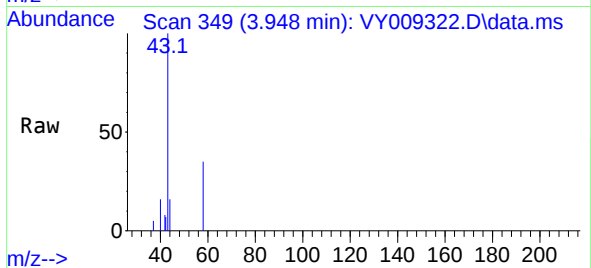
Tgt Ion: 59 Resp: 779
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



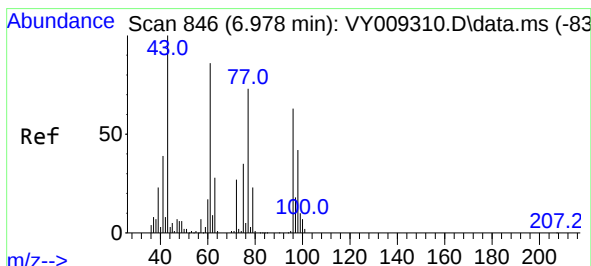
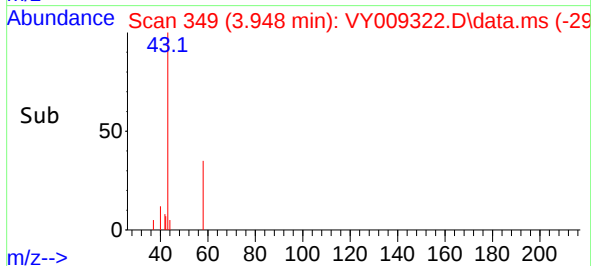
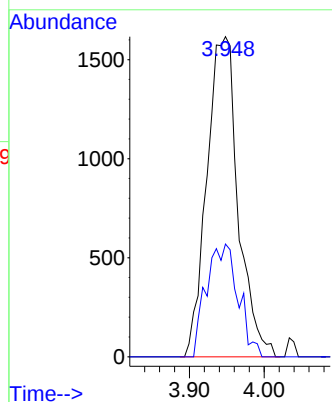


#16
Acetone
Concen: 10.352 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :

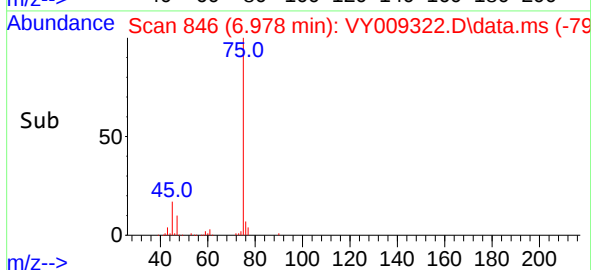
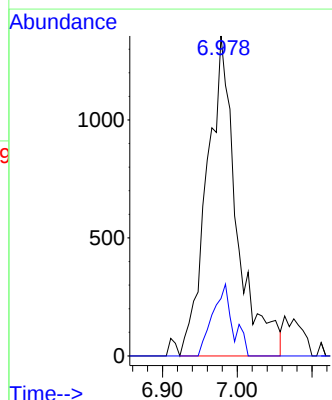
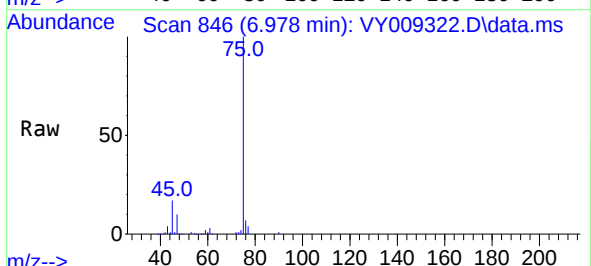


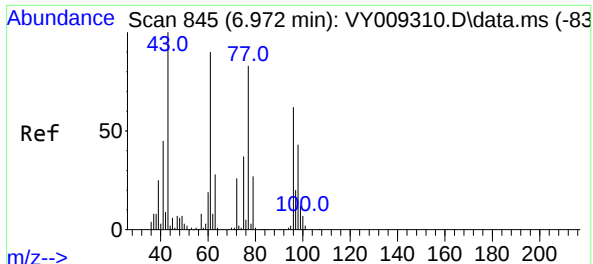
Tgt Ion: 43 Resp: 4709
Ion Ratio Lower Upper
43 100
58 35.2 24.0 36.0



#25
2-Butanone
Concen: 5.521 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Tgt Ion: 43 Resp: 3777
Ion Ratio Lower Upper
43 100
72 17.9 21.5 32.3#





#26

2,2-Dichloropropane

Concen: 1.306 ug/l

RT: 6.972 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009322.D

Acq: 25 Jun 2022 14:34

Instrument :

MSVOA_Y

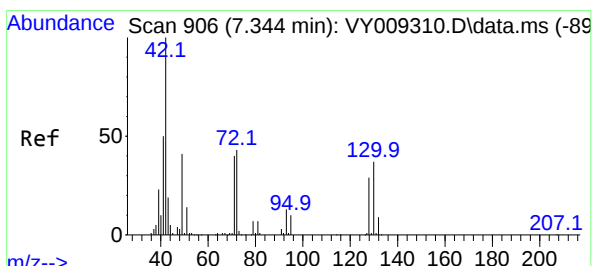
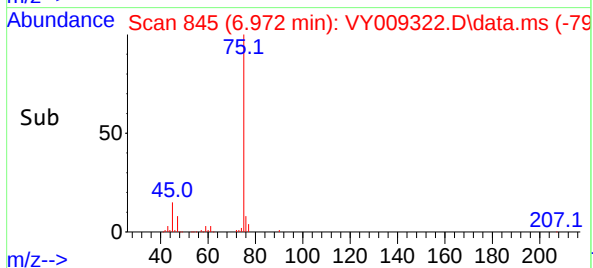
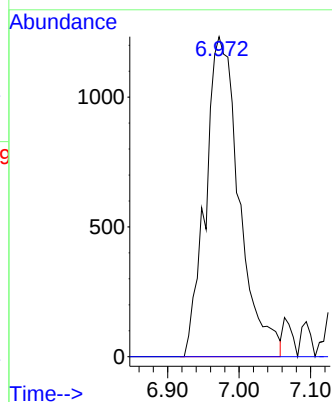
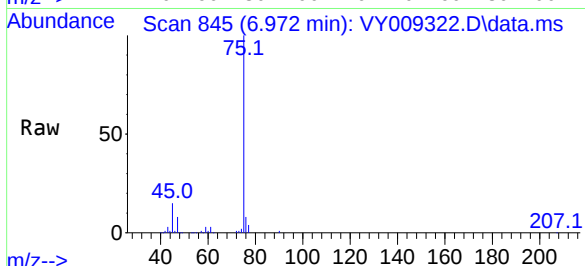
ClientSampleId :

Tgt Ion: 77 Resp: 4034

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#29

Tetrahydrofuran

Concen: 1.011 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY009322.D

Acq: 25 Jun 2022 14:34

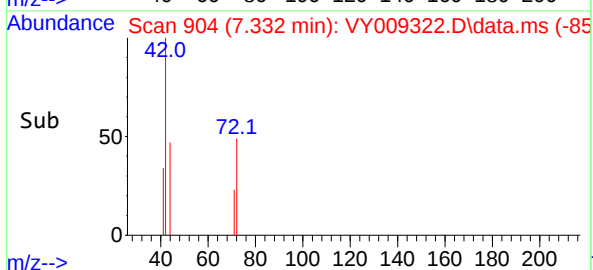
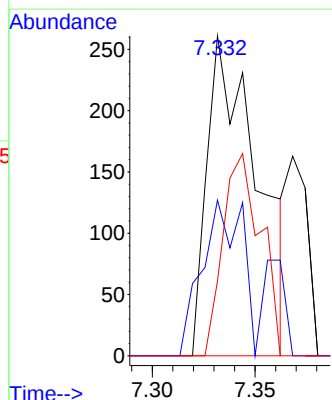
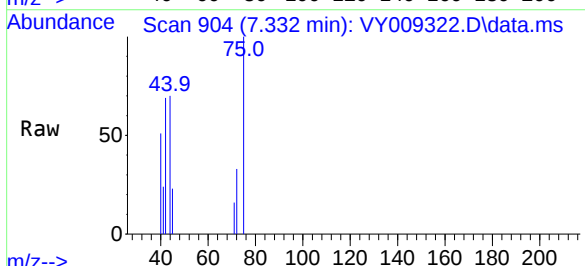
Tgt Ion: 42 Resp: 444

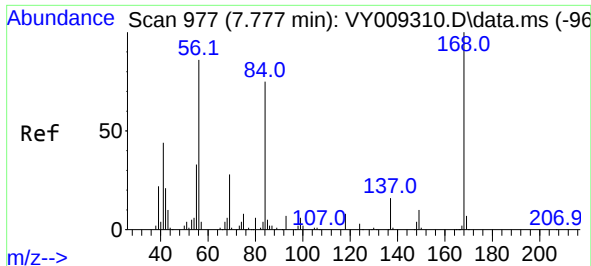
Ion Ratio Lower Upper

42 100

72 38.7 34.6 52.0

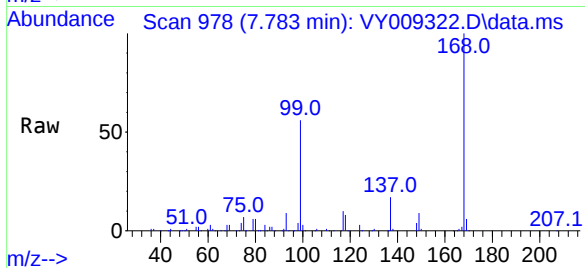
71 47.3 32.7 49.1



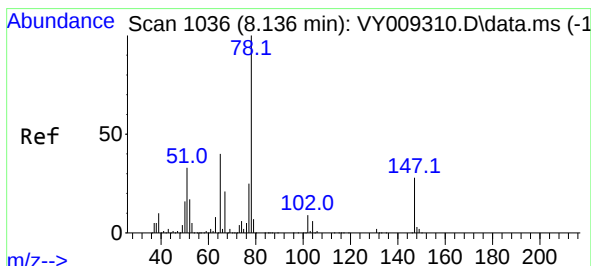
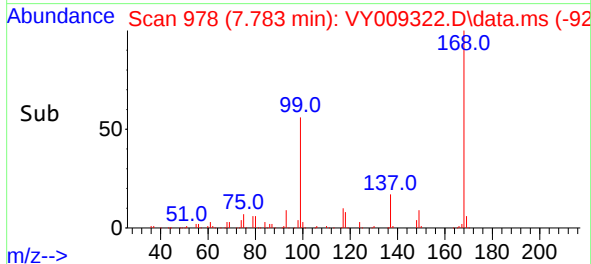
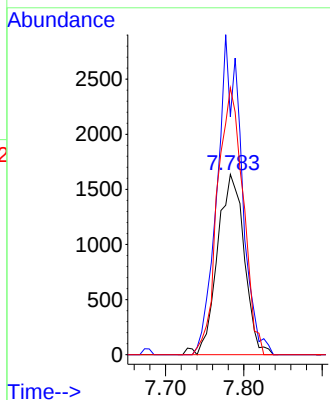


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :

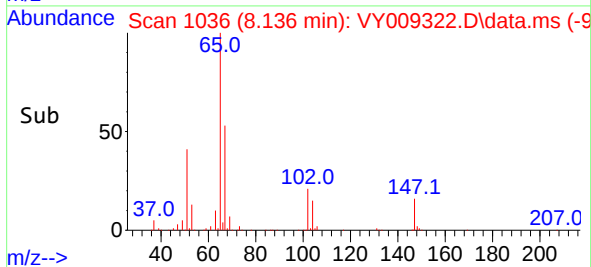
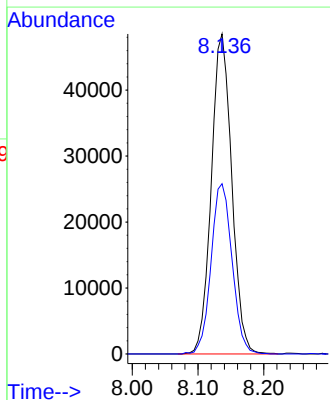
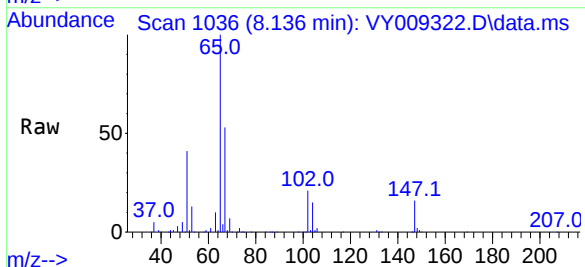


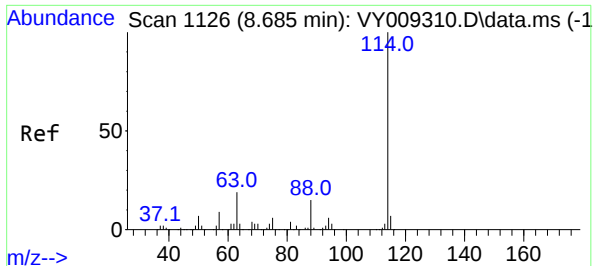
Tgt Ion: 56 Resp: 3897
Ion Ratio Lower Upper
56 100
69 132.0 26.0 39.0#
84 148.0 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 81.271 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Tgt Ion: 65 Resp: 105052
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009322.D

Acq: 25 Jun 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

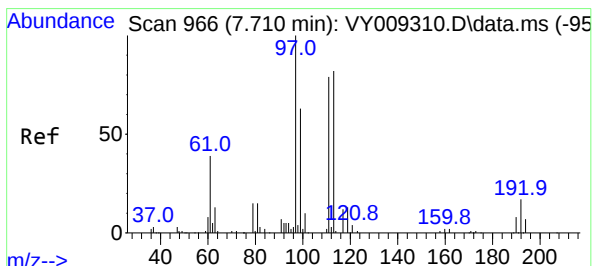
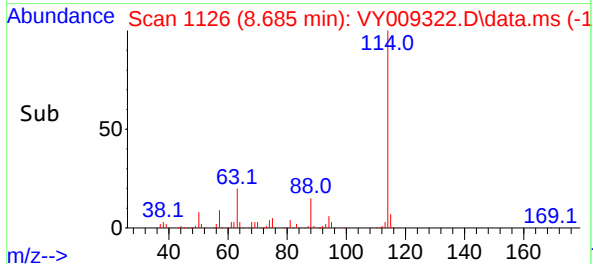
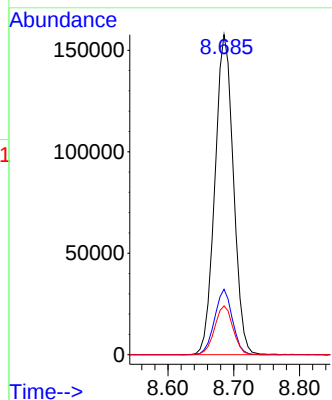
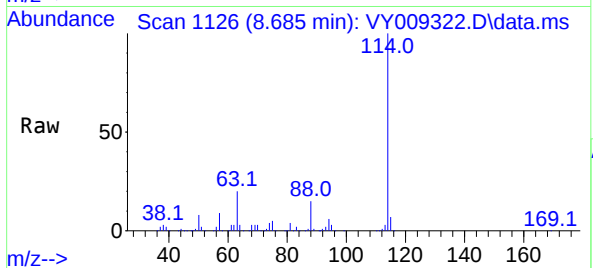
Tgt Ion:114 Resp: 308164

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.467 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009322.D

Acq: 25 Jun 2022 14:34

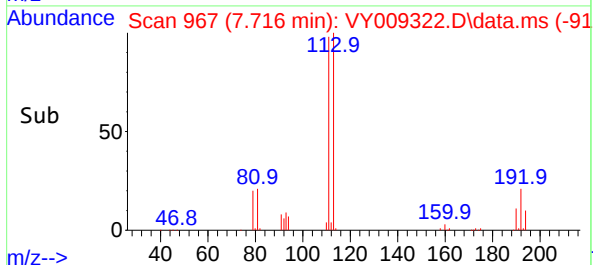
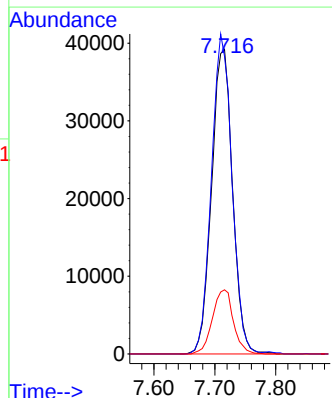
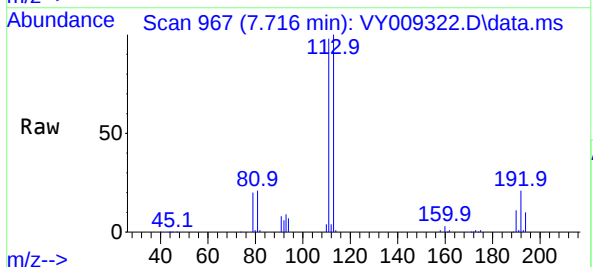
Tgt Ion:113 Resp: 93923

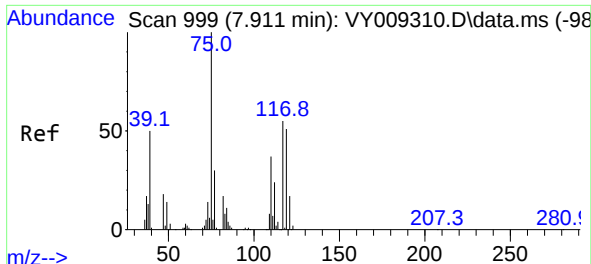
Ion Ratio Lower Upper

113 100

111 102.7 80.6 120.8

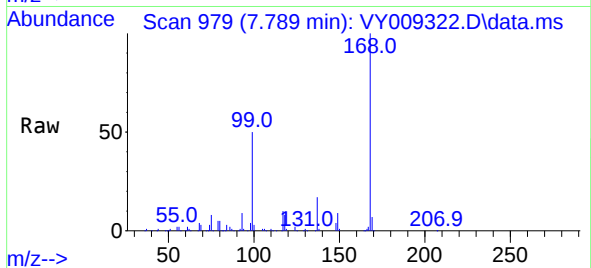
192 21.0 16.2 24.4



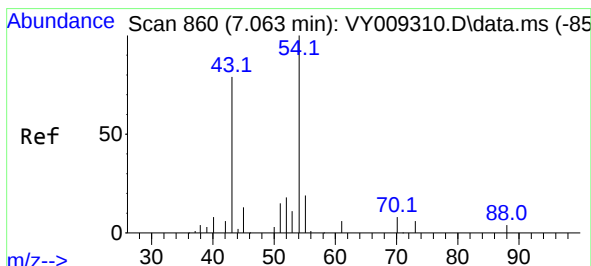
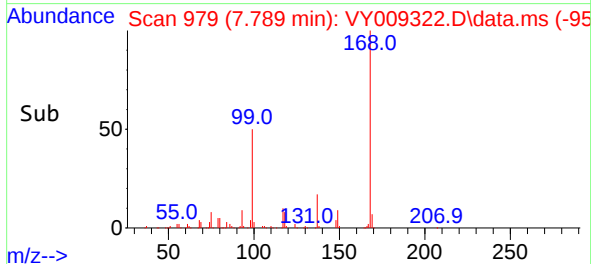
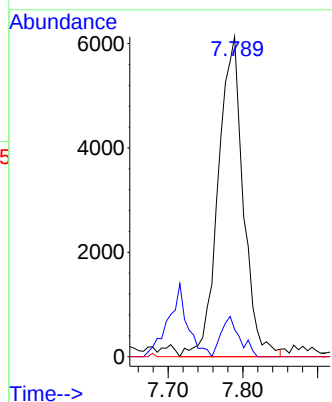


#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :

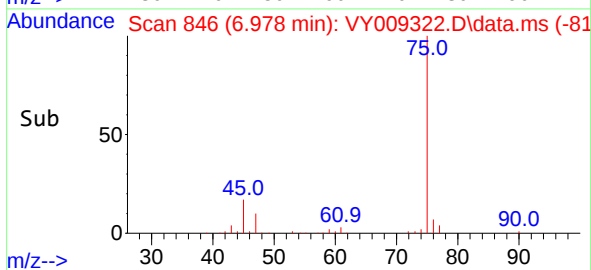
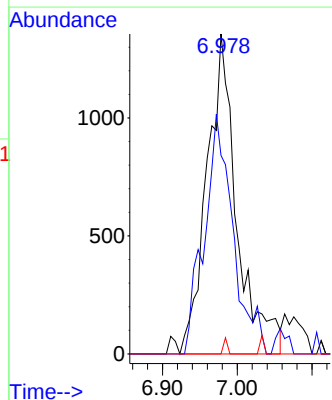
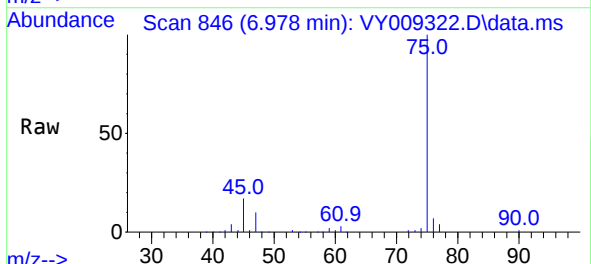


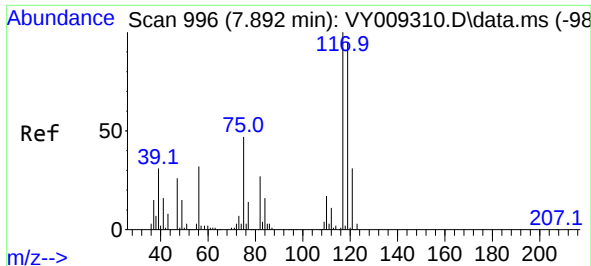
Tgt Ion: 75 Resp: 14352
Ion Ratio Lower Upper
75 100
110 9.2 18.6 56.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.382 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

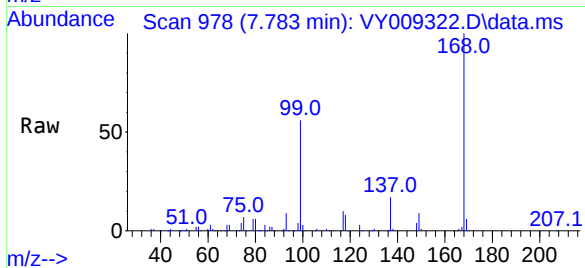
Tgt Ion: 43 Resp: 3777
Ion Ratio Lower Upper
43 100
61 72.2 11.2 16.8#
70 0.7 8.4 12.6#



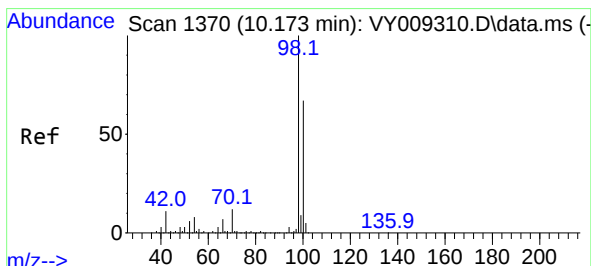
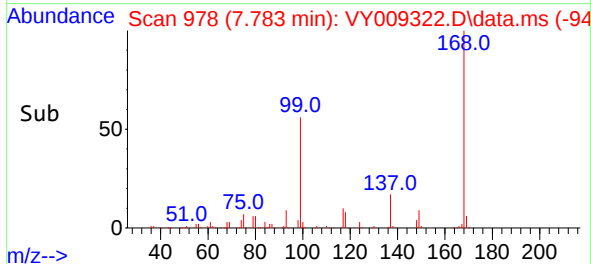
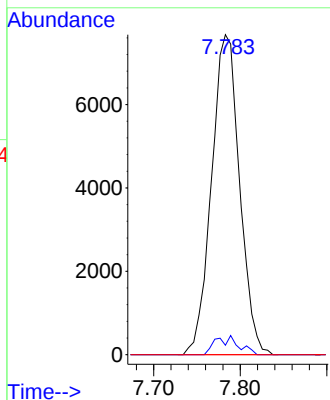


#38
Carbon Tetrachloride
Concen: 6.012 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :

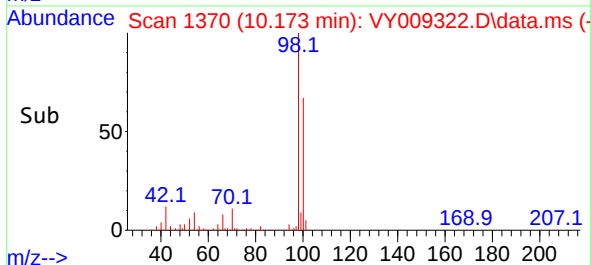
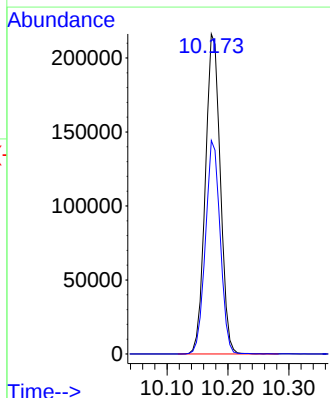
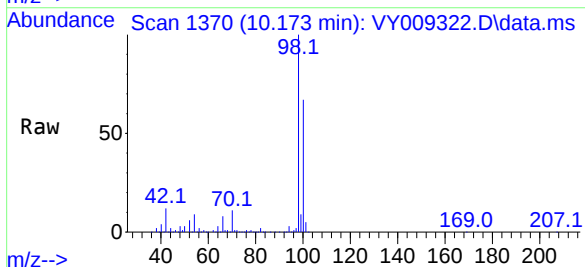


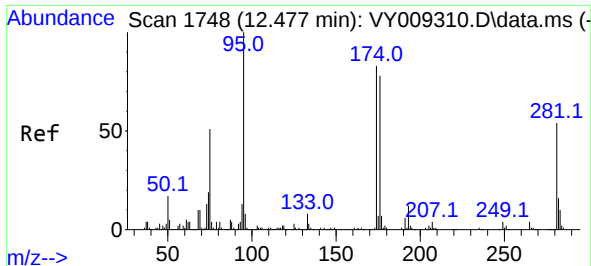
Tgt Ion:117 Resp: 17257
Ion Ratio Lower Upper
117 100
119 3.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 80.071 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Tgt Ion: 98 Resp: 369290
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3

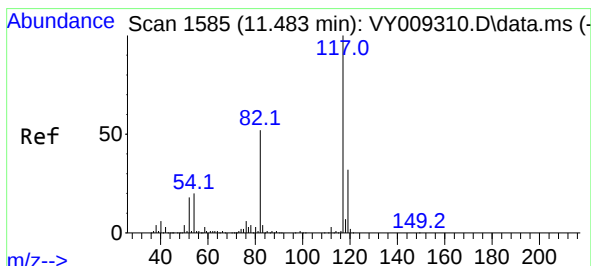
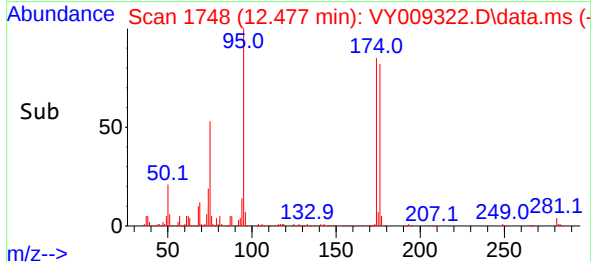
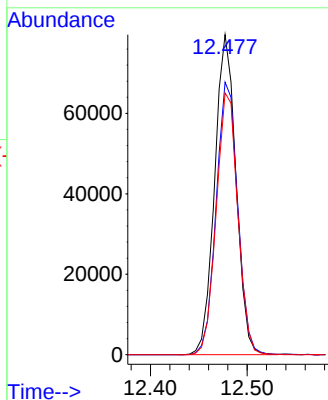
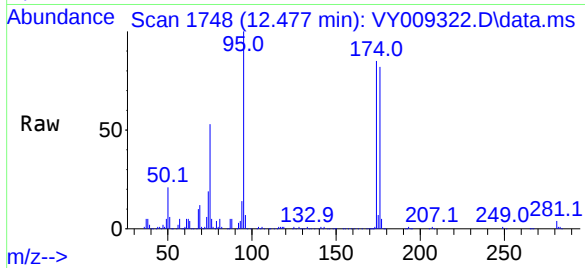




#62
4-Bromofluorobenzene
Concen: 51.279 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

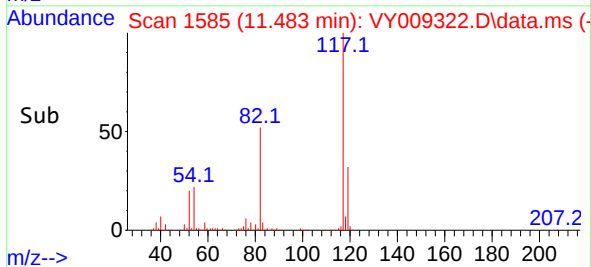
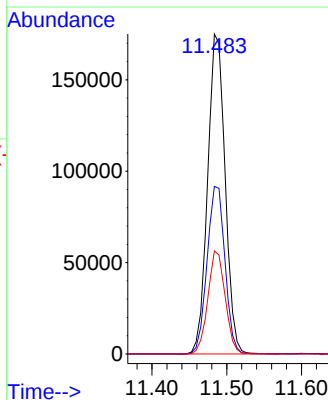
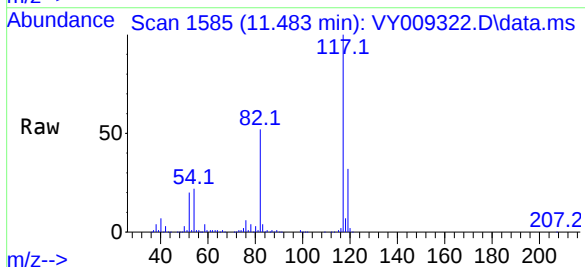
Instrument :
MSVOA_Y
ClientSampleId :

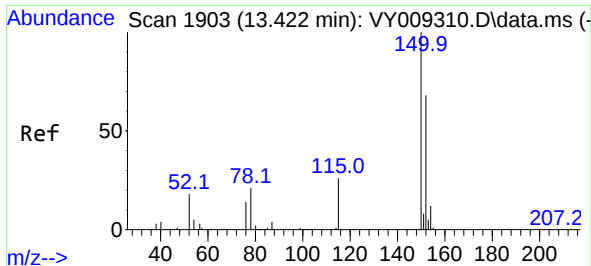
Tgt Ion: 95 Resp: 121478
Ion Ratio Lower Upper
95 100
174 86.1 0.0 173.8
176 82.6 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

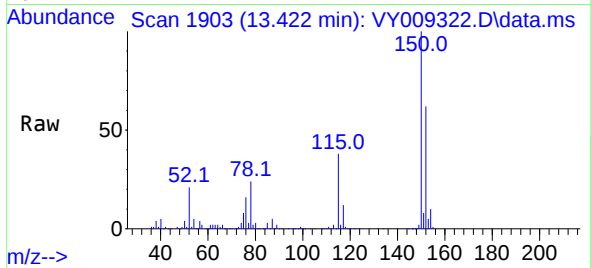
Tgt Ion: 117 Resp: 284728
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 32.2 25.6 38.4



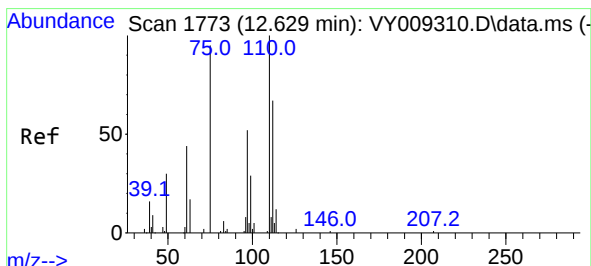
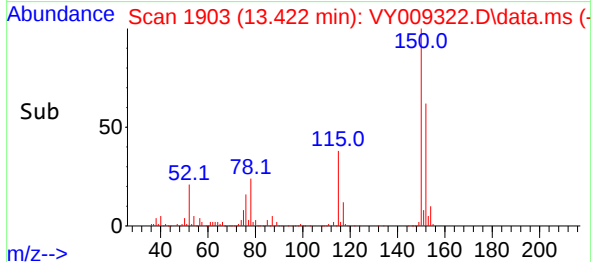
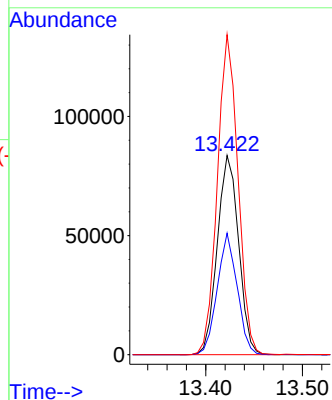


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :

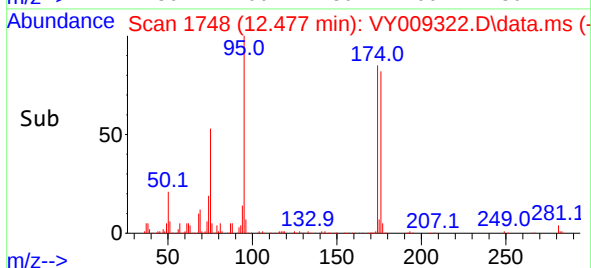
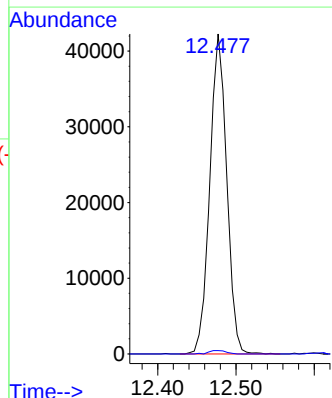
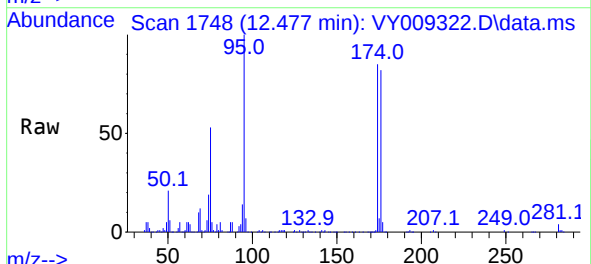


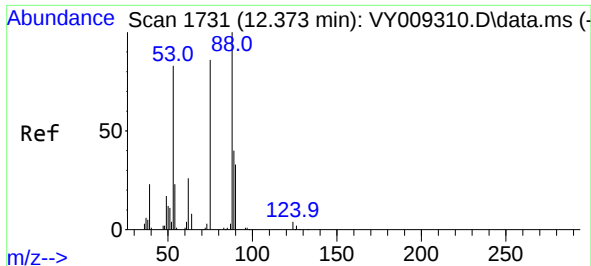
Tgt Ion:152 Resp: 127690
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.9
150 155.8 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 51.124 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

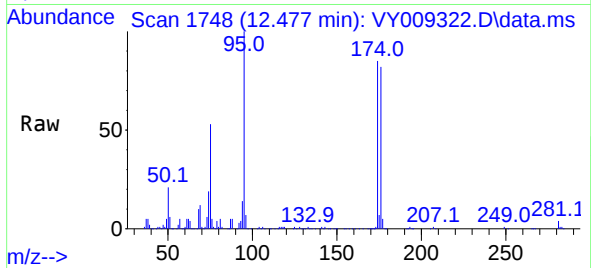
Tgt Ion: 75 Resp: 63349
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.202 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009322.D
Acq: 25 Jun 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 63349
Ion Ratio Lower Upper
75 100
53 0.5 71.4 107.2#
89 0.0 38.1 57.1#

