

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009334.D
 Acq On : 25 Jun 2022 19:15
 Operator : KP/MD
 Sample : N3488-14
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:33:17 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)

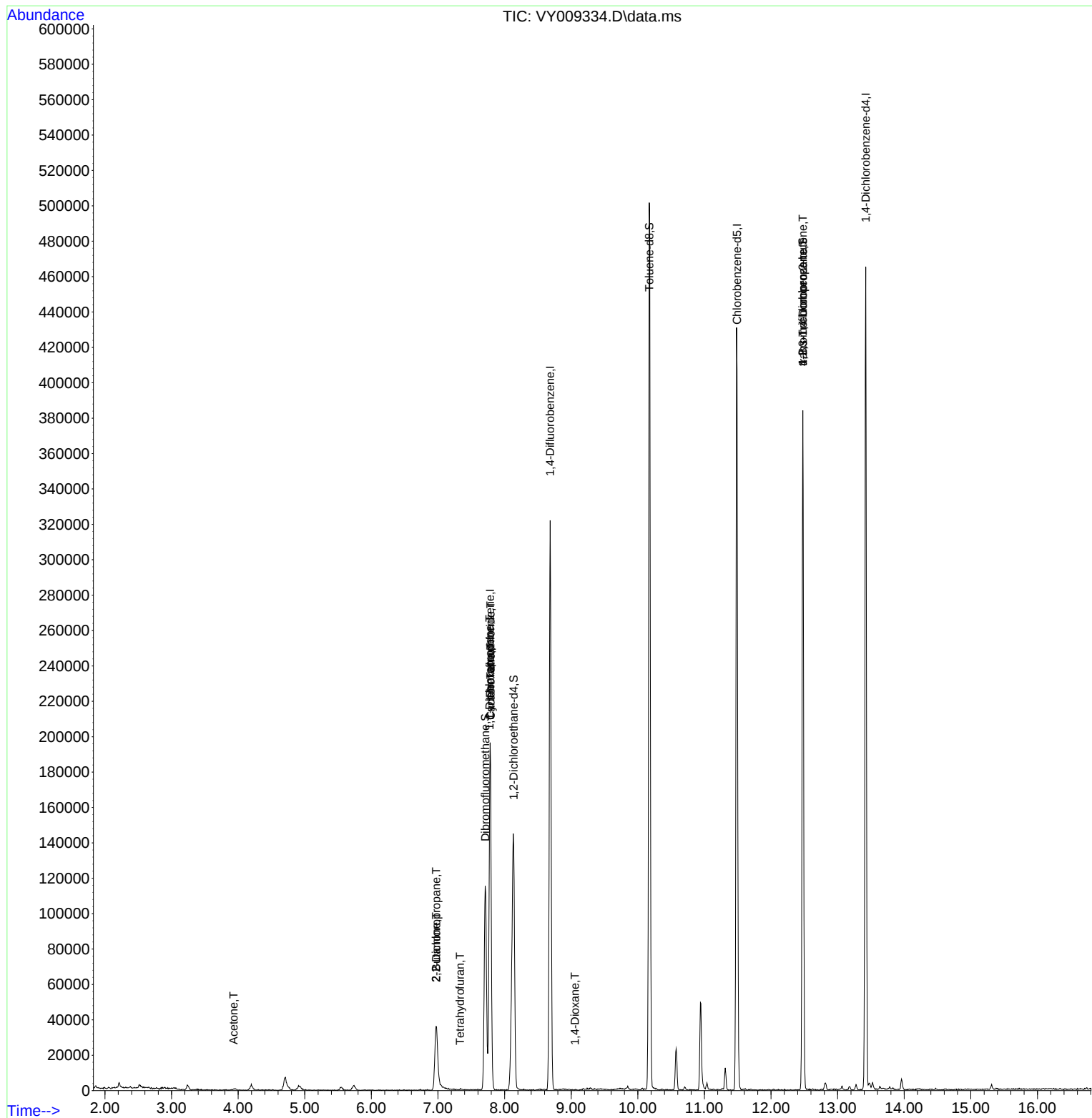
Internal Standards						
1) Pentafluorobenzene	7.783	168	151719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91139	82.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.540%#	
35) Dibromofluoromethane	7.710	113	79831	55.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.660%	
50) Toluene-d8	10.173	98	320912	80.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 160.460%#	
62) 4-Bromofluorobenzene	12.477	95	107094	52.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3039	Below Cal	#	80
16) Acetone	3.930	43	1526	3.934	ug/l #	76
20) Methylene Chloride	4.698	84	4823	Below Cal	#	88
25) 2-Butanone	6.972	43	2835	4.860	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	2861	1.087	ug/l #	52
29) Tetrahydrofuran	7.332	42	418	1.117	ug/l #	38
31) Cyclohexane	7.789	56	3190	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	12255	5.061	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14685	5.898	ug/l #	17
49) 1,4-Dioxane	9.057	88	22	1.596	ug/l #	63
76) 1,2,3-Trichloropropane	12.477	75	55311	49.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55311	98.060	ug/l #	13

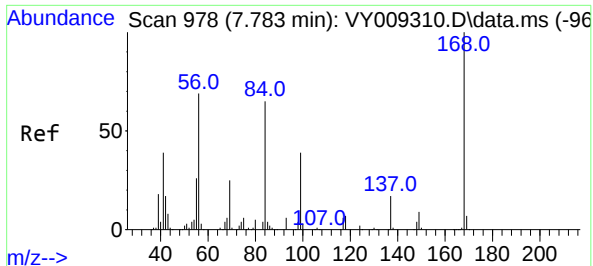
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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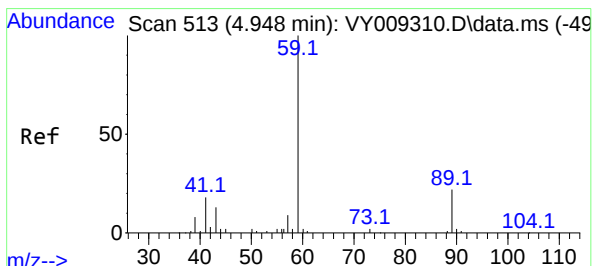
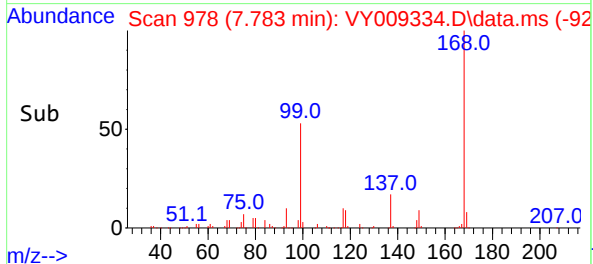
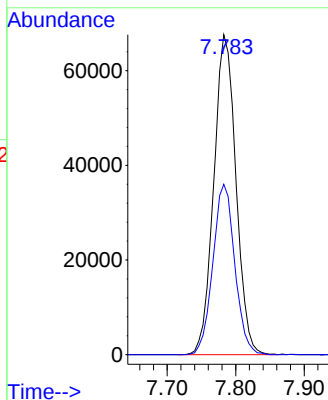
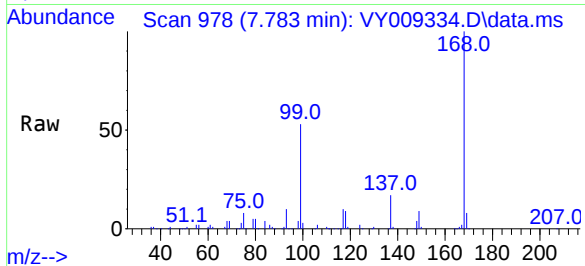




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

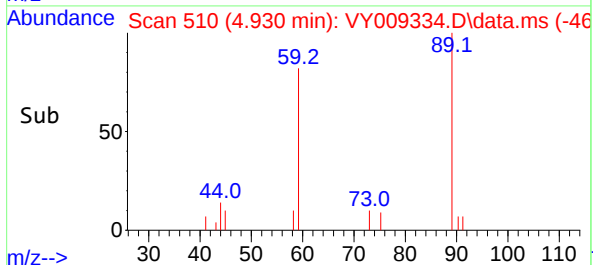
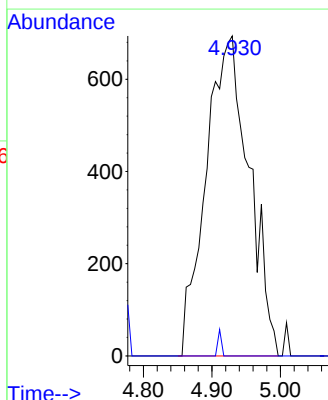
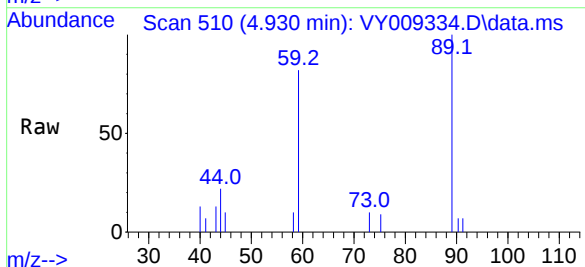
Instrument :
MSVOA_Y
ClientSampleId :

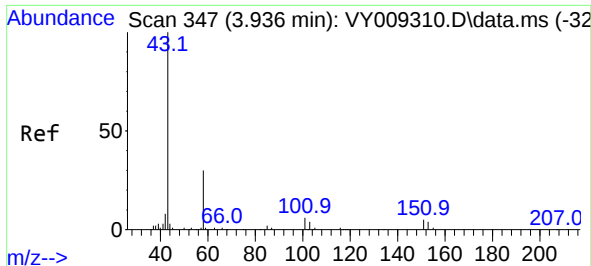
Tgt Ion:168 Resp: 151719
Ion Ratio Lower Upper
168 100
99 53.3 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

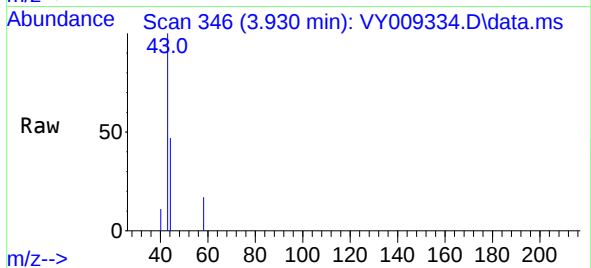
Tgt Ion: 59 Resp: 3039
Ion Ratio Lower Upper
59 100
57 0.7 6.3 9.5#



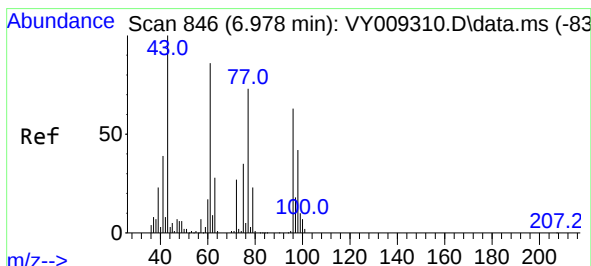
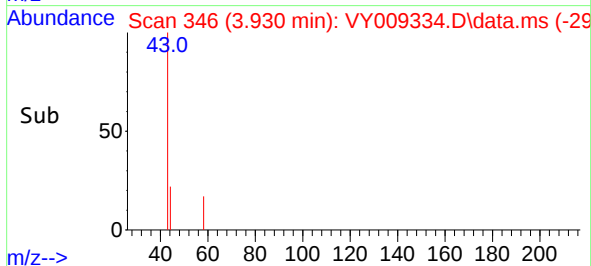
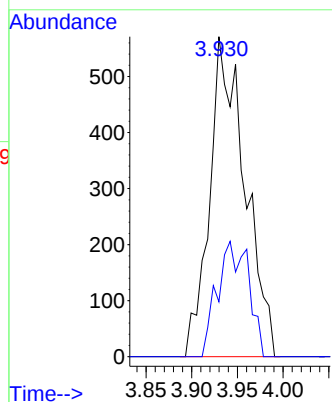


#16
Acetone
Concen: 3.934 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :

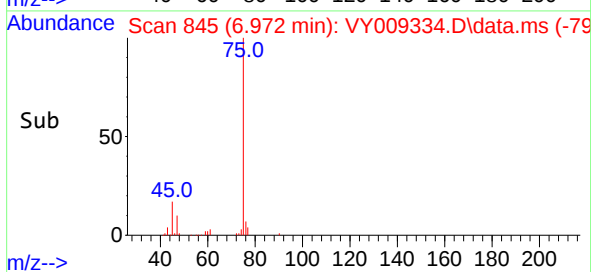
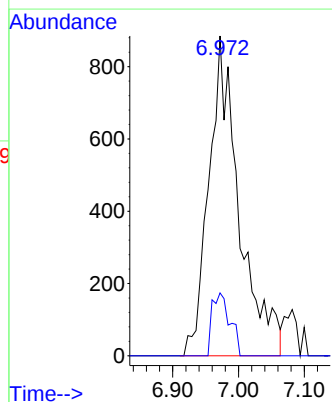
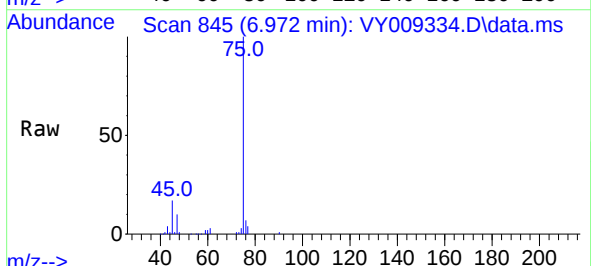


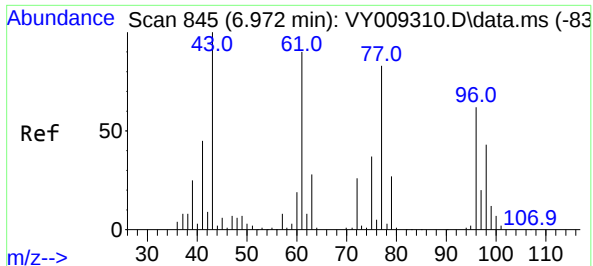
Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 17.2 24.0 36.0#



#25
2-Butanone
Concen: 4.860 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Tgt Ion: 43 Resp: 2835
Ion Ratio Lower Upper
43 100
72 19.7 21.5 32.3#





#26

2,2-Dichloropropane

Concen: 1.087 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.000 min

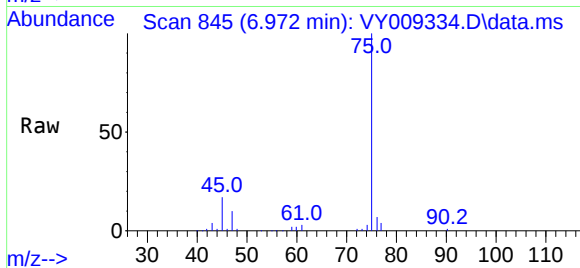
Lab File: VY009334.D

Acq: 25 Jun 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

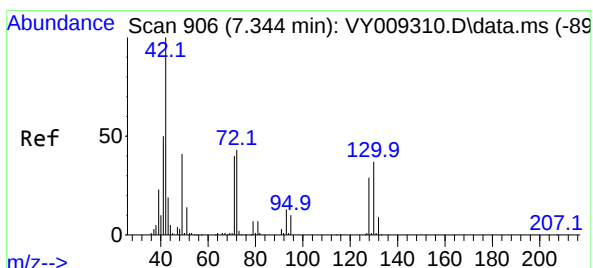
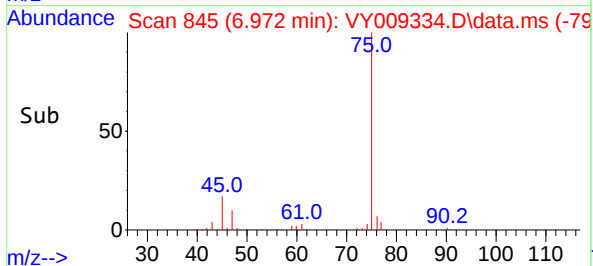
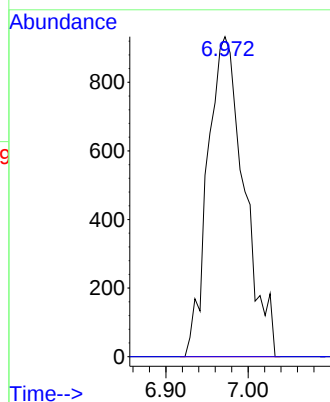


Tgt Ion: 77 Resp: 2861

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#29

Tetrahydrofuran

Concen: 1.117 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY009334.D

Acq: 25 Jun 2022 19:15

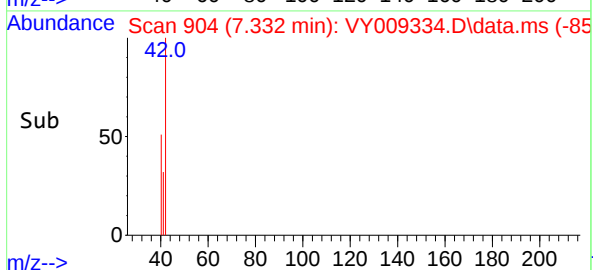
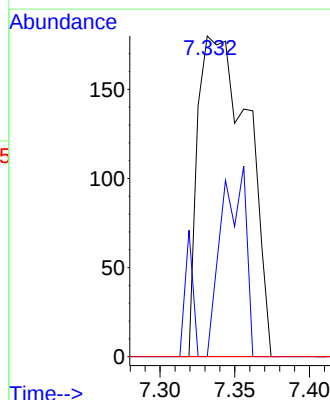
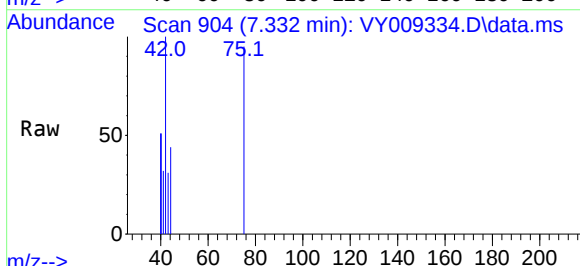
Tgt Ion: 42 Resp: 418

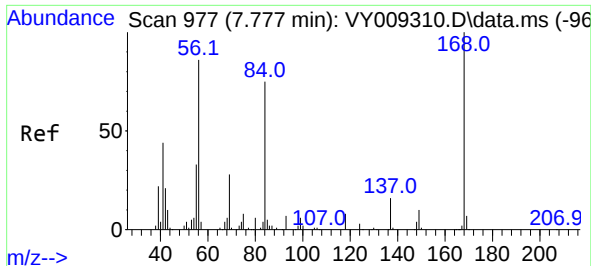
Ion Ratio Lower Upper

42 100

72 6.2 34.6 52.0#

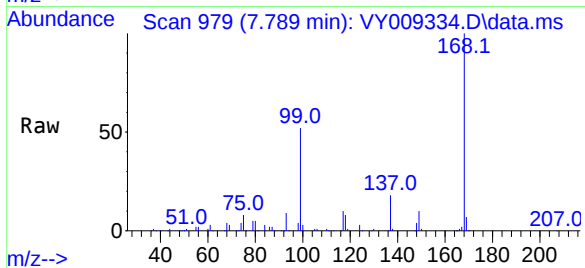
71 0.0 32.7 49.1#



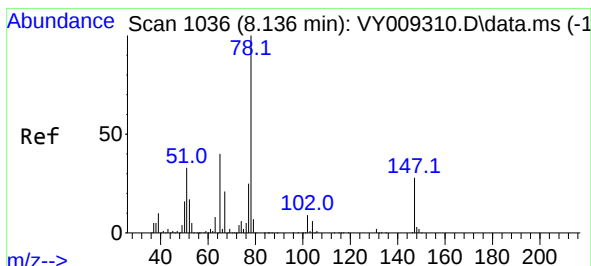
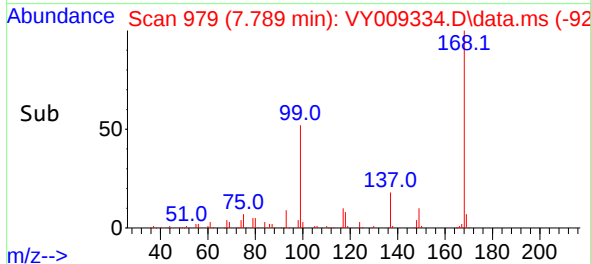
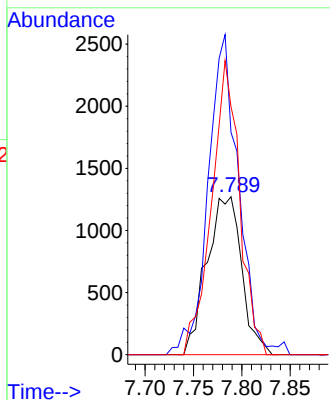


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :

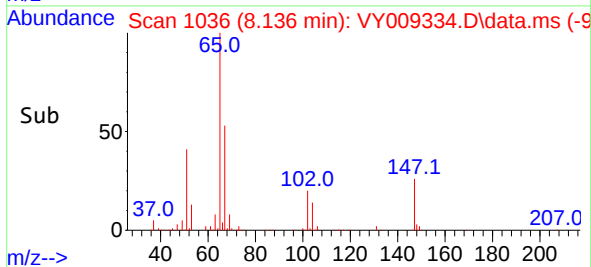
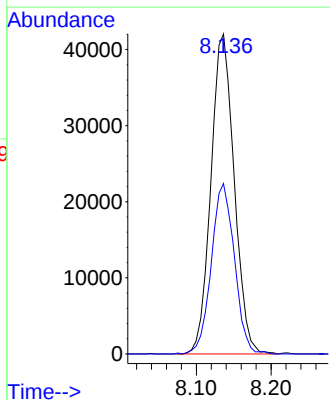
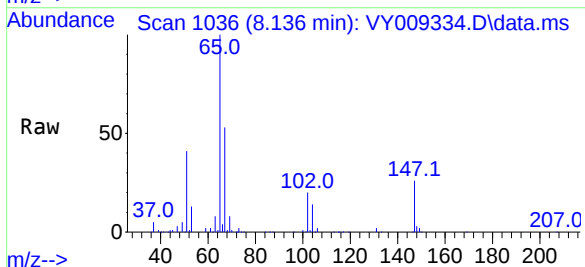


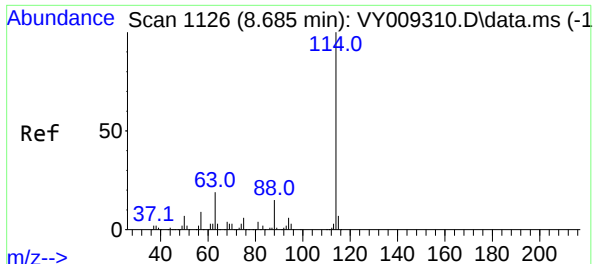
Tgt Ion: 56 Resp: 3190
Ion Ratio Lower Upper
56 100
69 136.0 26.0 39.0#
84 156.9 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 82.775 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Tgt Ion: 65 Resp: 91139
Ion Ratio Lower Upper
65 100
67 52.9 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: VY009334.D

Acq: 25 Jun 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

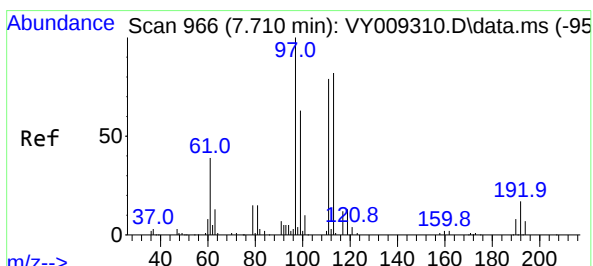
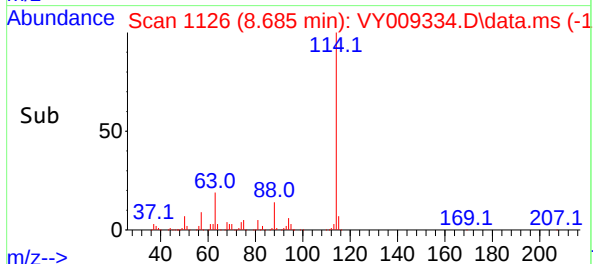
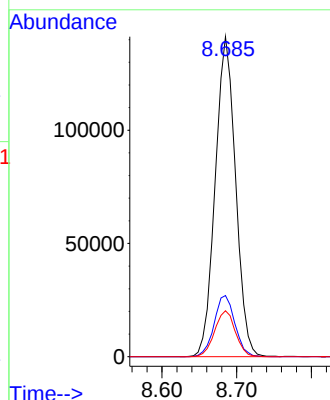
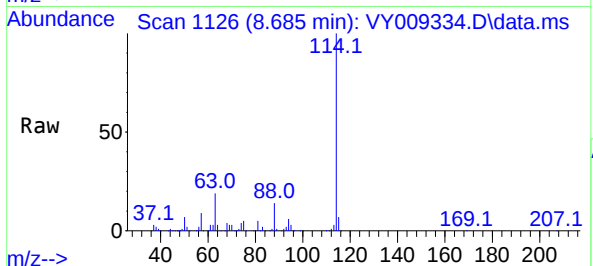
Tgt Ion:114 Resp: 267307

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

88 14.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.330 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009334.D

Acq: 25 Jun 2022 19:15

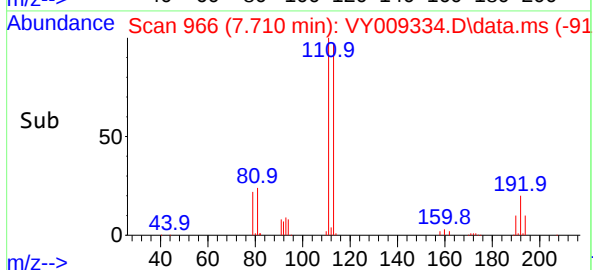
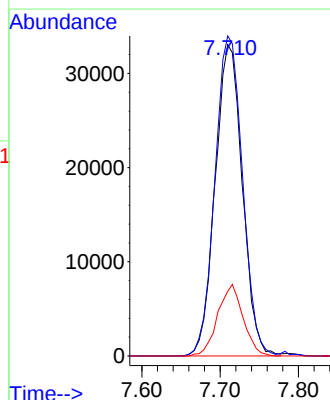
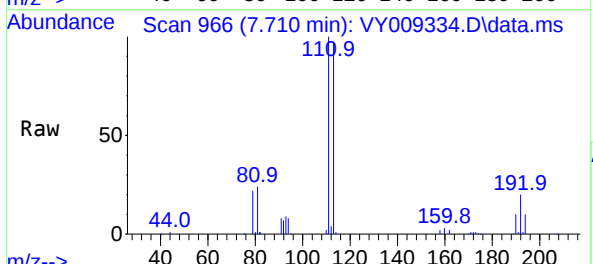
Tgt Ion:113 Resp: 79831

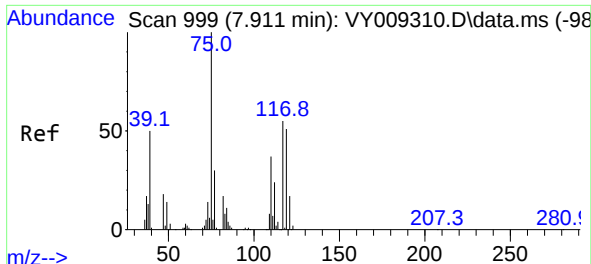
Ion Ratio Lower Upper

113 100

111 104.0 80.6 120.8

192 21.4 16.2 24.4

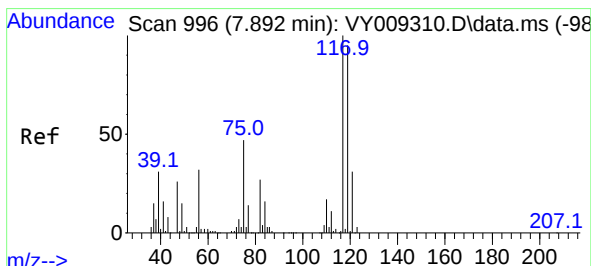
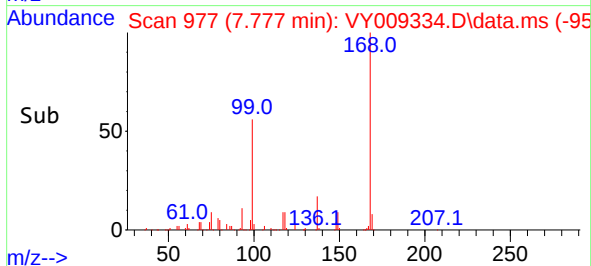
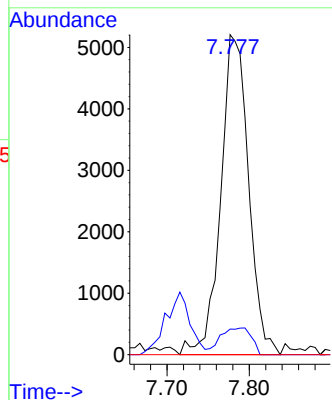
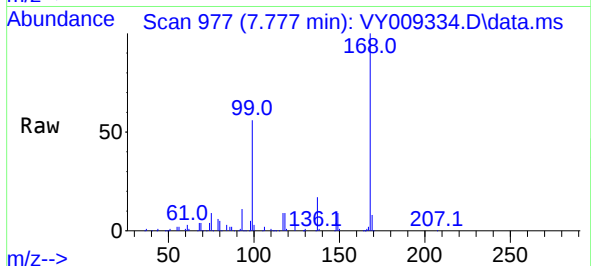




#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

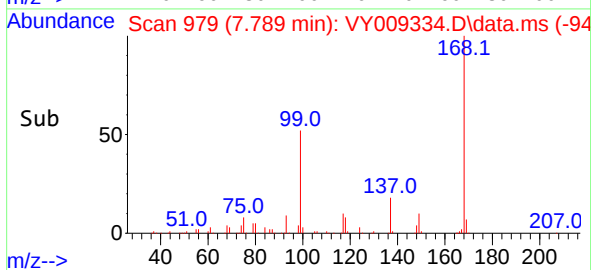
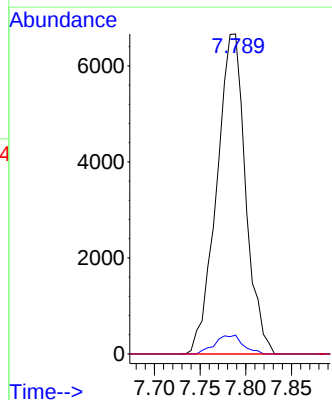
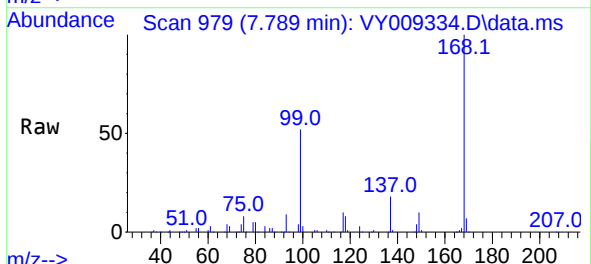
Instrument :
MSVOA_Y
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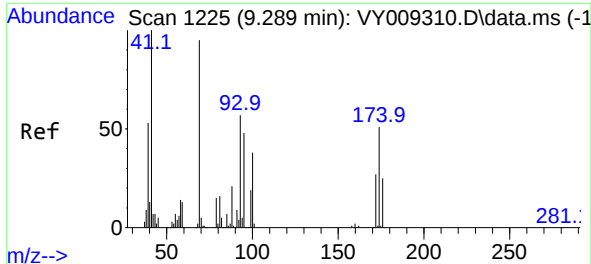
Tgt Ion: 75 Resp: 12255
Ion Ratio Lower Upper
75 100
110 9.4 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.898 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Tgt Ion: 117 Resp: 14685
Ion Ratio Lower Upper
117 100
119 5.9 75.9 113.9#
121 0.0 24.9 37.3#

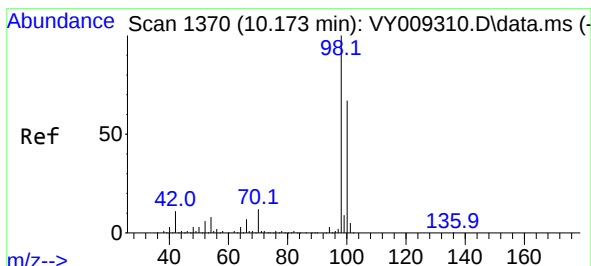
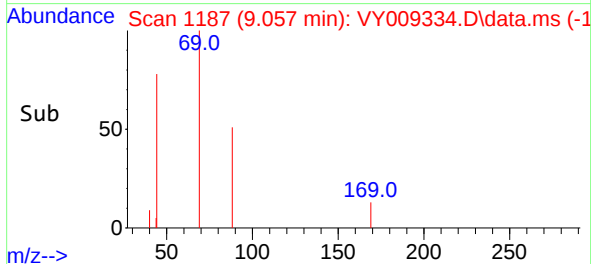
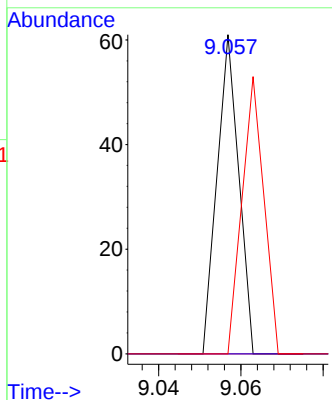
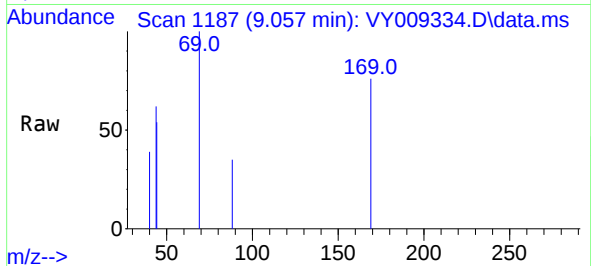




#49
1,4-Dioxane
Concen: 1.596 ug/l
RT: 9.057 min Scan# 1187
Delta R.T. -0.232 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

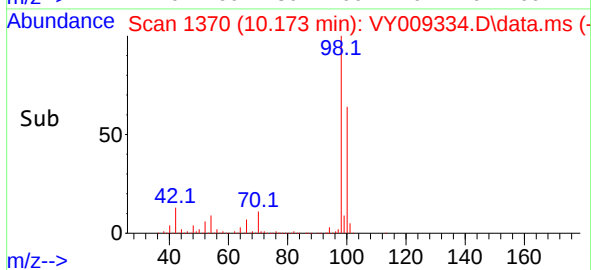
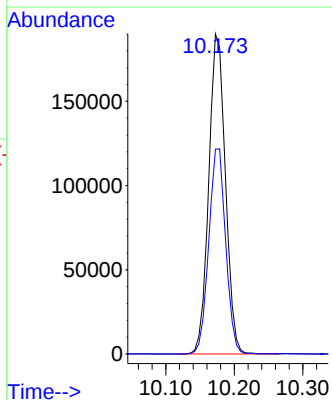
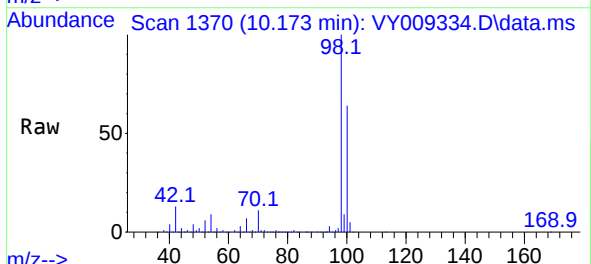
Instrument :
MSVOA_Y
ClientSampleId :

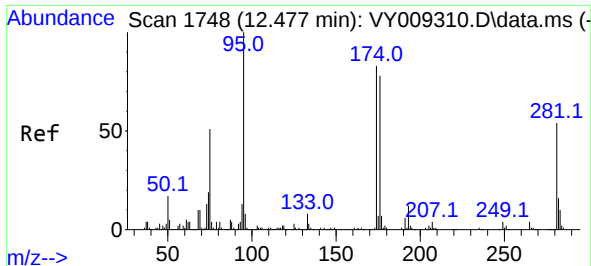
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 26.3 39.5#
58 86.4 52.6 79.0#



#50
Toluene-d8
Concen: 80.231 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Tgt Ion: 98 Resp: 320912
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3

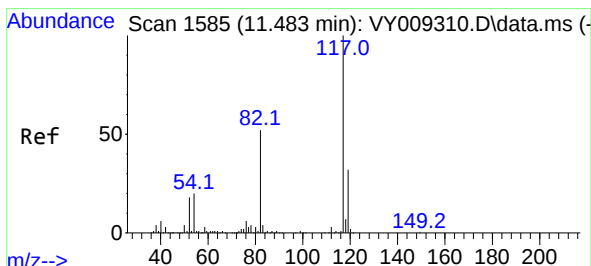
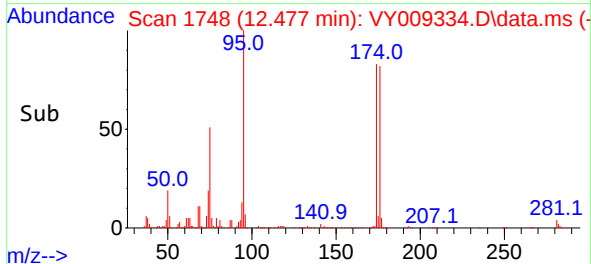
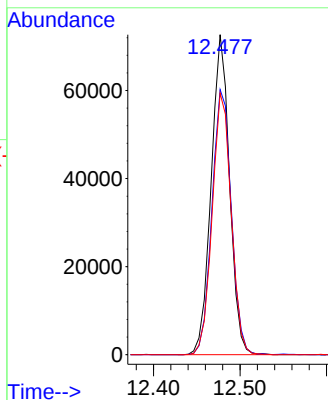
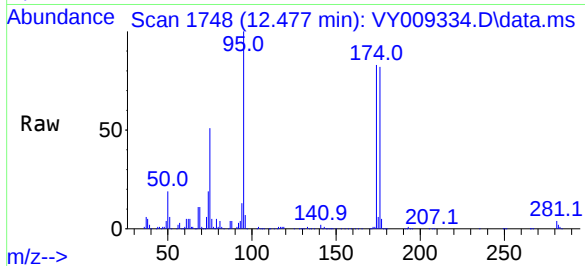




#62
4-Bromofluorobenzene
Concen: 52.117 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

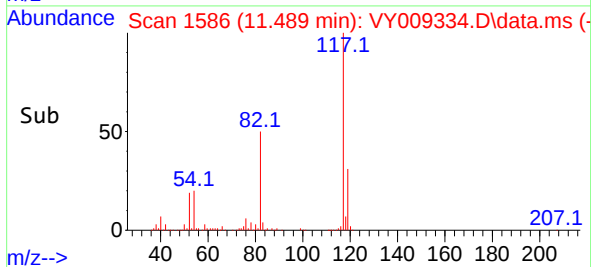
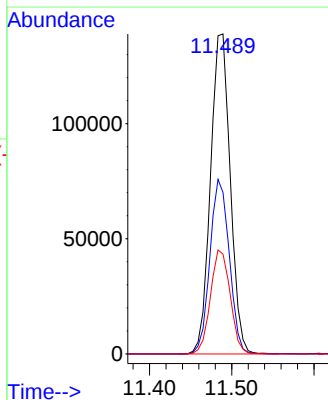
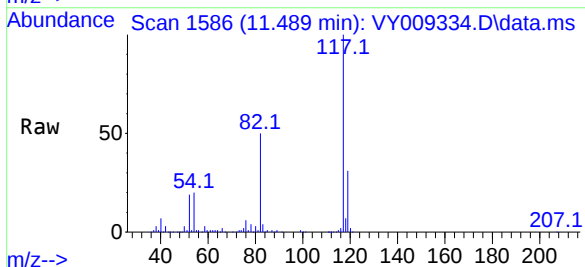
Instrument :
MSVOA_Y
ClientSampleId :

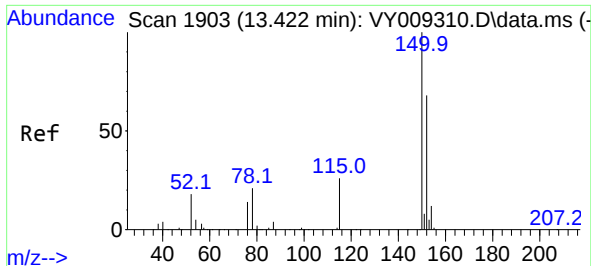
Tgt Ion: 95 Resp: 107094
Ion Ratio Lower Upper
95 100
174 87.2 0.0 173.8
176 84.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

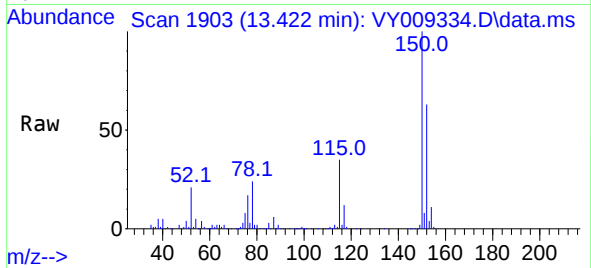
Tgt Ion:117 Resp: 232264
Ion Ratio Lower Upper
117 100
82 50.5 41.8 62.6
119 31.2 25.6 38.4



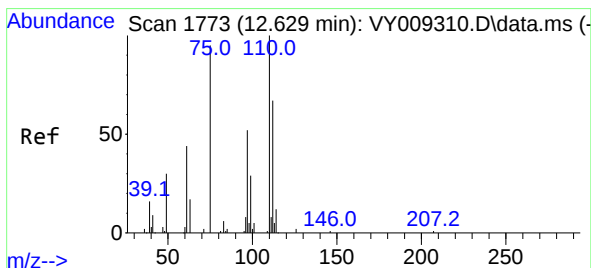
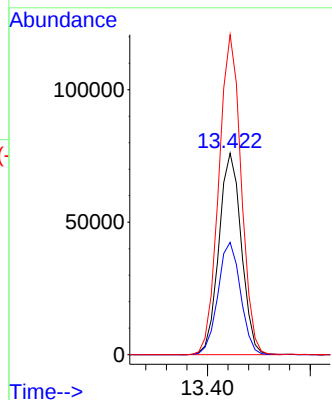
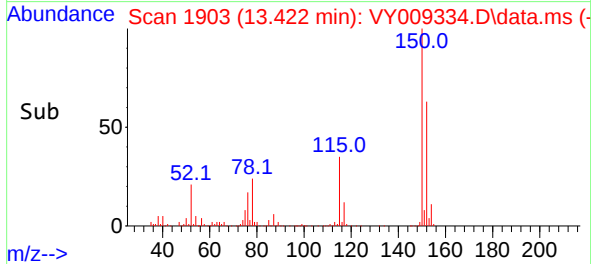


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :

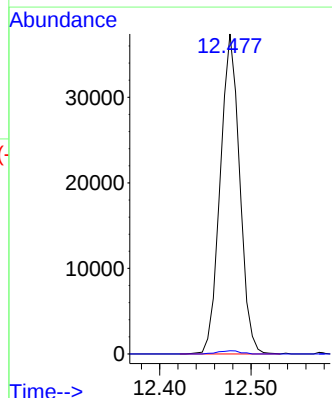
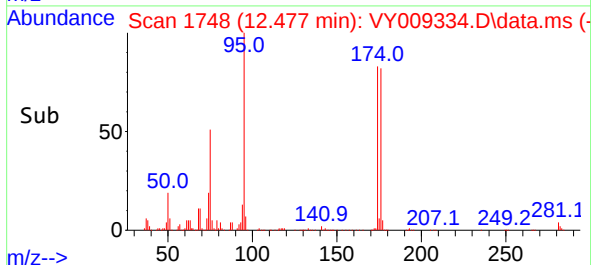
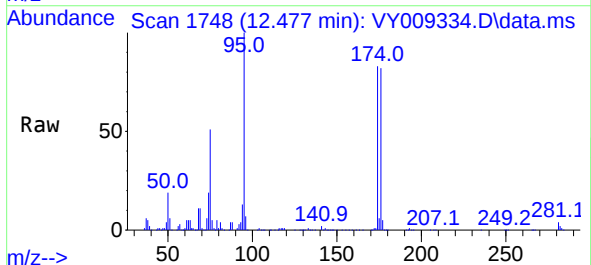


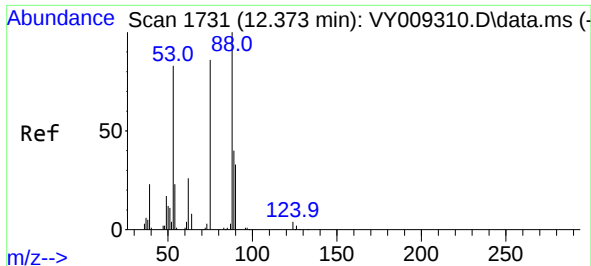
Tgt Ion:152 Resp: 115061
Ion Ratio Lower Upper
152 100
115 56.3 28.6 85.9
150 158.4 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 49.536 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

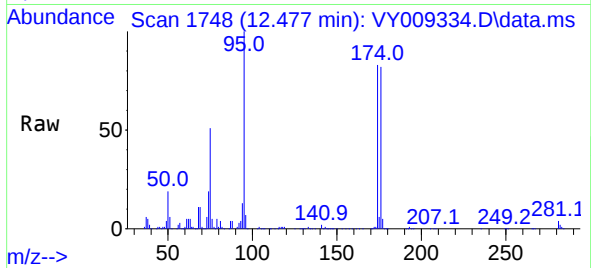
Tgt Ion: 75 Resp: 55311
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.060 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009334.D
 Acq: 25 Jun 2022 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55311
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

