

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009326.D
 Acq On : 25 Jun 2022 16:08
 Operator : KP/MD
 Sample : N3488-06
 Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:30:00 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)

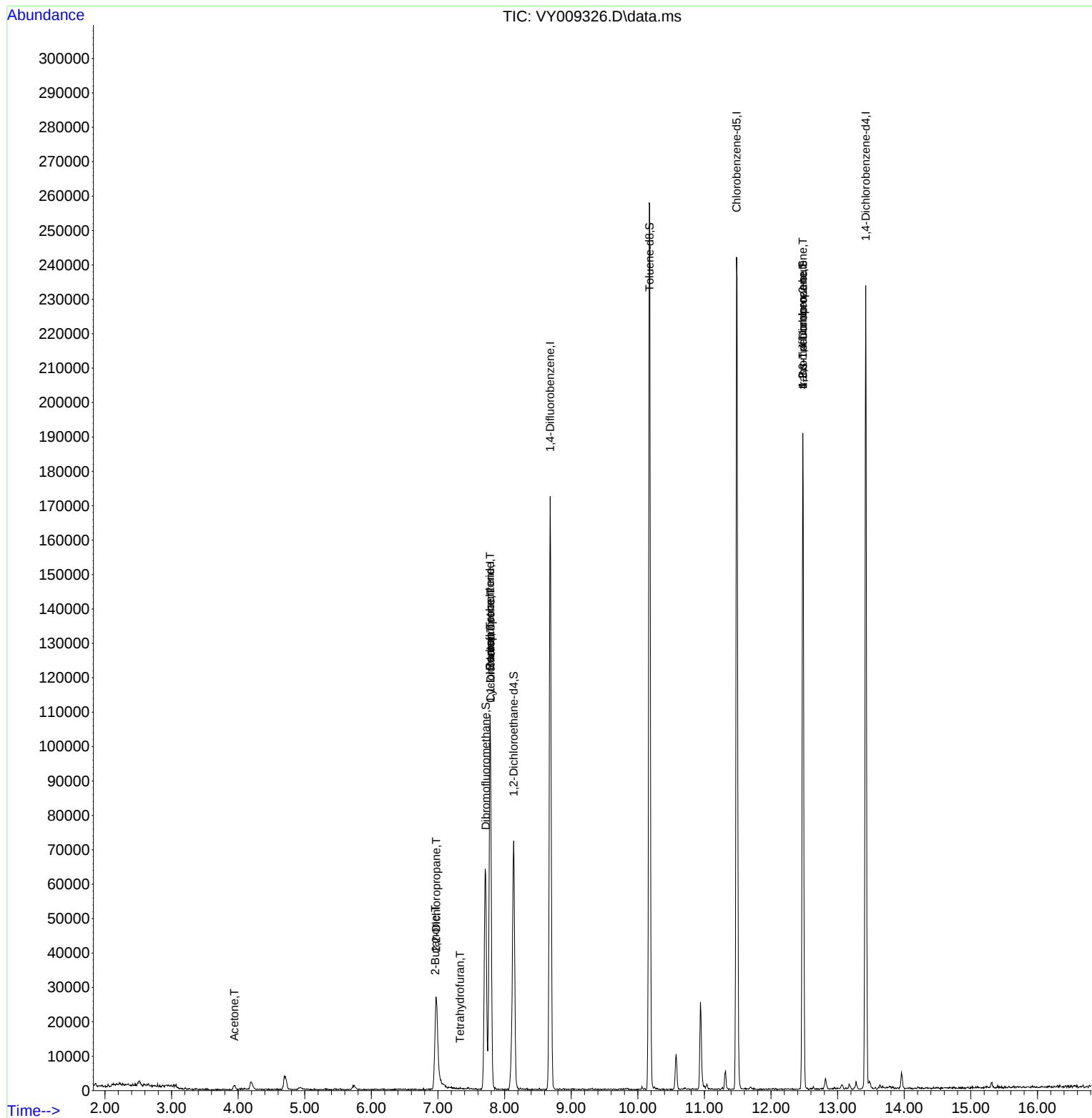
Internal Standards						
1) Pentafluorobenzene	7.783	168	84129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	131120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51126	83.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.600%#	
35) Dibromofluoromethane	7.716	113	44513	57.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.480%	
50) Toluene-d8	10.179	98	168321	77.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 155.740%#	
62) 4-Bromofluorobenzene	12.477	95	54079	48.832	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1060	Below Cal	#	84
16) Acetone	3.942	43	2151	10.001	ug/l #	71
20) Methylene Chloride	4.704	84	2705	Below Cal	#	94
25) 2-Butanone	6.960	43	605	1.871	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	2439	1.671	ug/l #	52
29) Tetrahydrofuran	7.332	42	220	1.060	ug/l #	33
31) Cyclohexane	7.789	56	1943	1.277	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6297	4.825	ug/l #	48
38) Carbon Tetrachloride	7.783	117	8066	6.011	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	27970	50.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27970	99.176	ug/l #	13

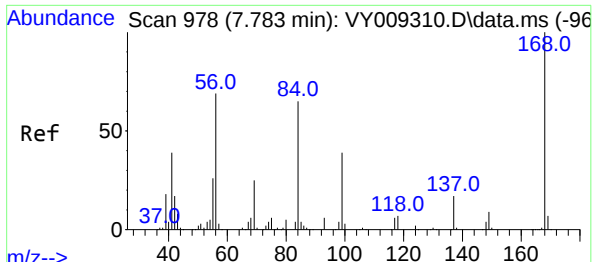
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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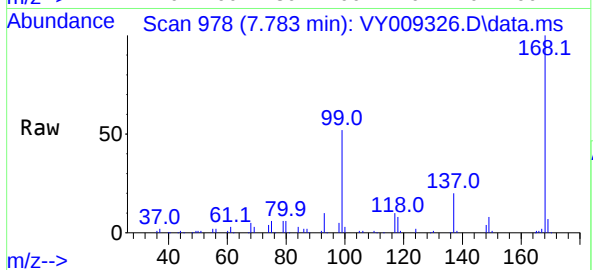
Quant Time: Jun 27 10:30:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
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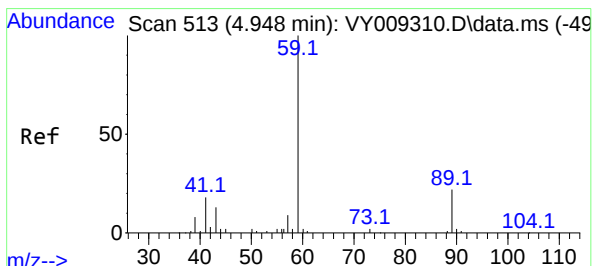
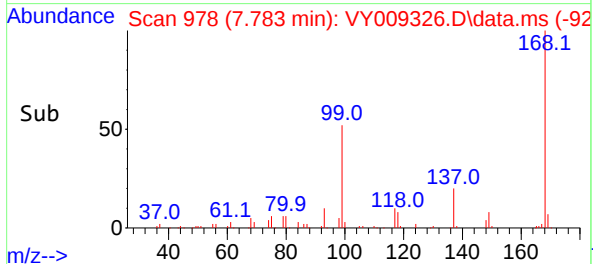
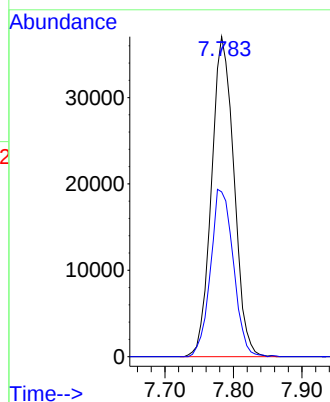


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Instrument :
MSVOA_Y
ClientSampleId :

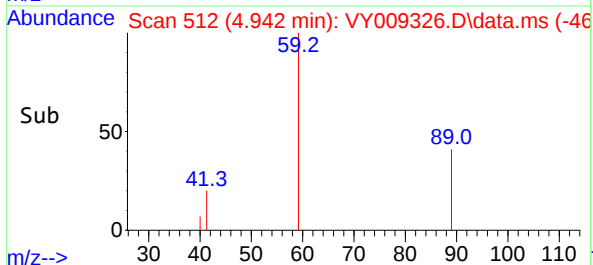
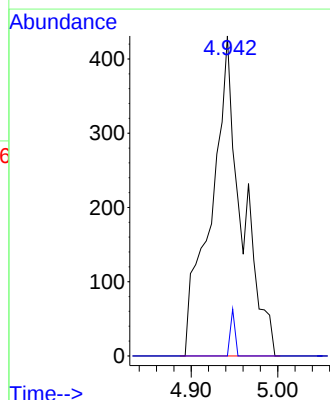
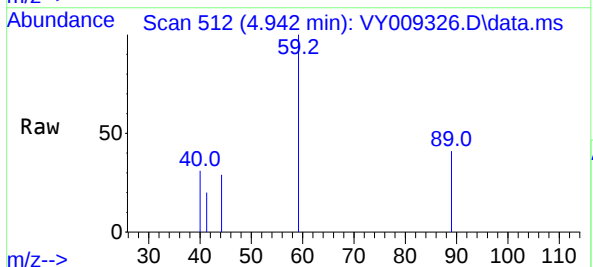


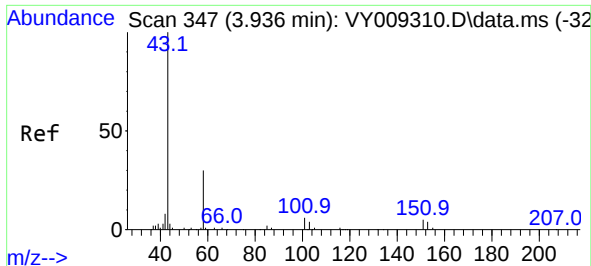
Tgt Ion:168 Resp: 84129
Ion Ratio Lower Upper
168 100
99 51.5 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion: 59 Resp: 1060
Ion Ratio Lower Upper
59 100
57 2.2 6.3 9.5#

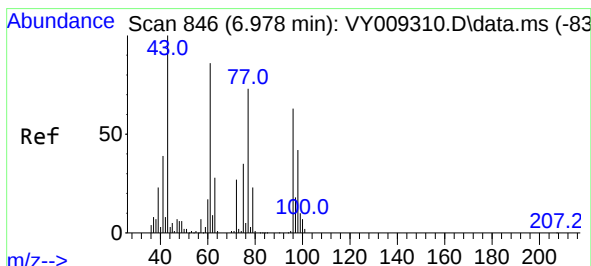
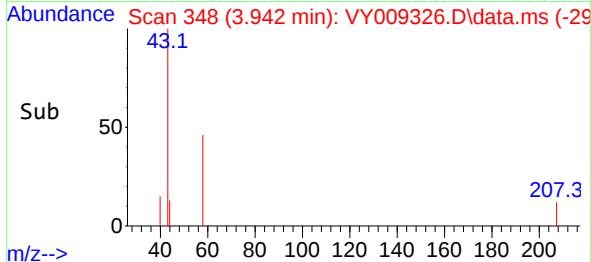
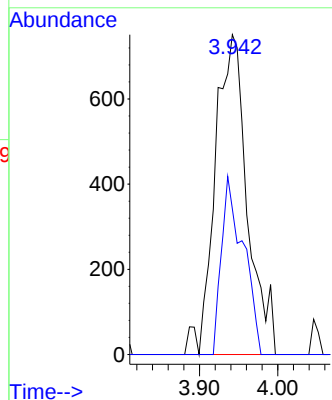
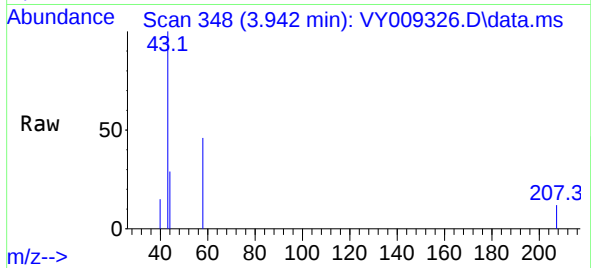




#16
Acetone
Concen: 10.001 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

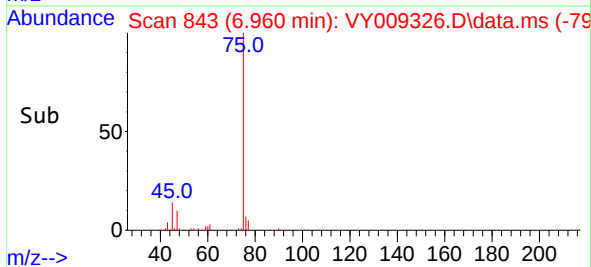
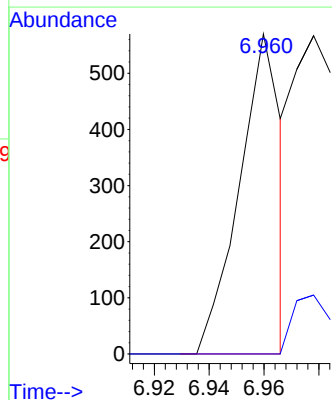
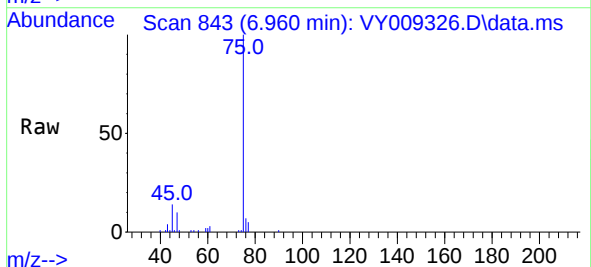
Instrument :
MSVOA_Y
ClientSampleId :

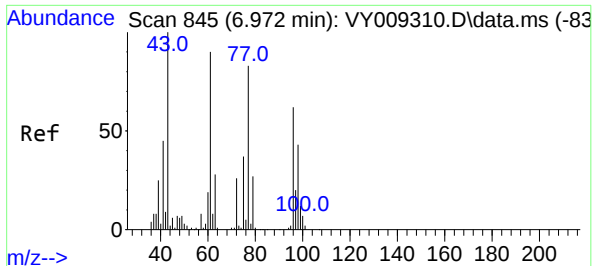
Tgt Ion: 43 Resp: 2151
Ion Ratio Lower Upper
43 100
58 45.5 24.0 36.0#



#25
2-Butanone
Concen: 1.871 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#





#26

2,2-Dichloropropane

Concen: 1.671 ug/l

RT: 6.972 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009326.D

Acq: 25 Jun 2022 16:08

Instrument :

MSVOA_Y

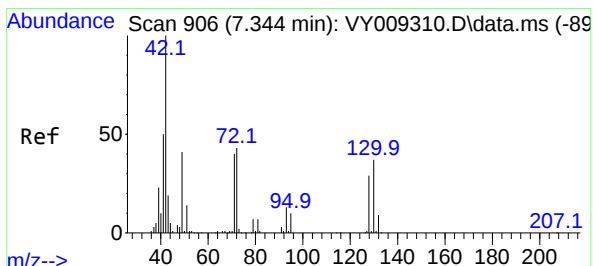
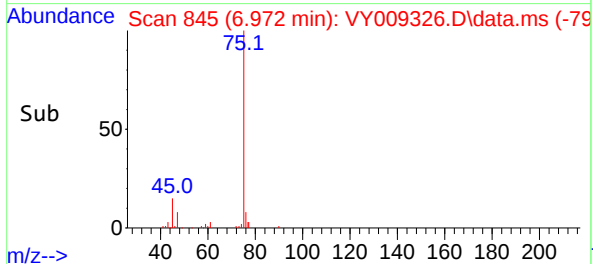
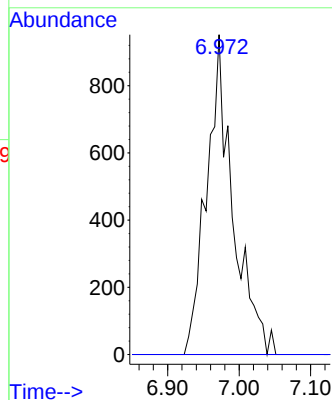
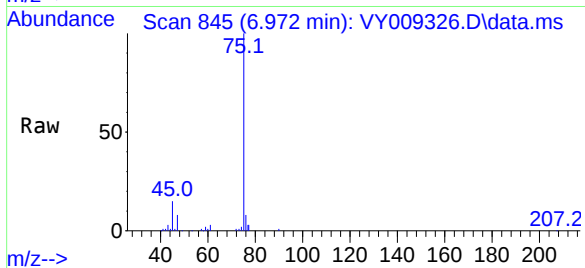
ClientSampleId :

Tgt Ion: 77 Resp: 2439

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#29

Tetrahydrofuran

Concen: 1.060 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY009326.D

Acq: 25 Jun 2022 16:08

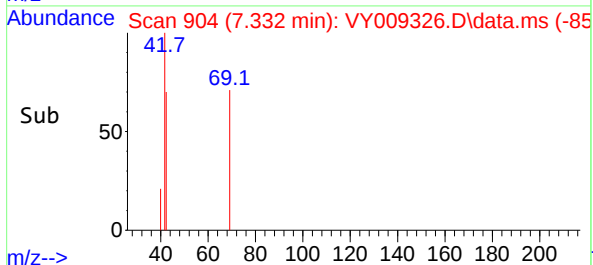
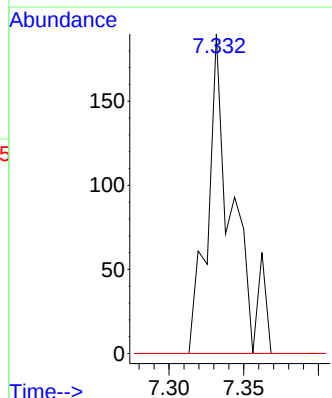
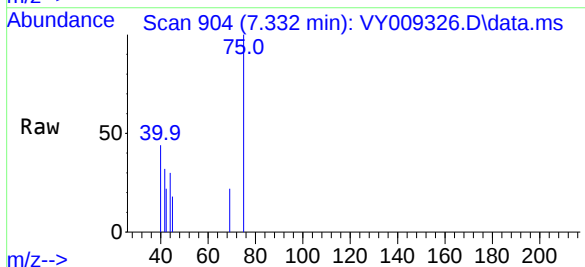
Tgt Ion: 42 Resp: 220

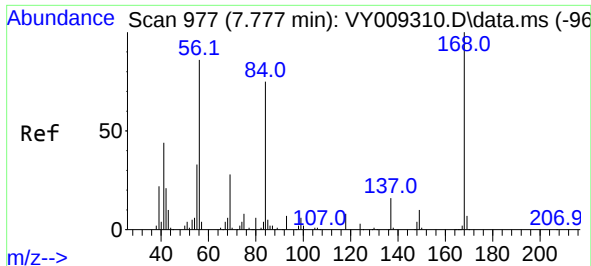
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

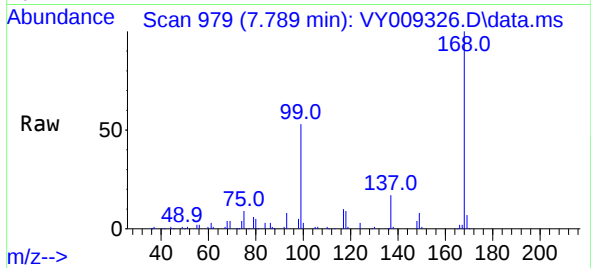
71 0.0 32.7 49.1#



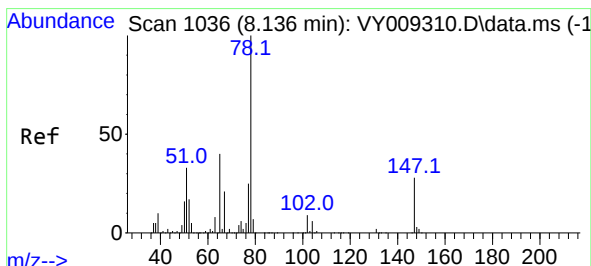
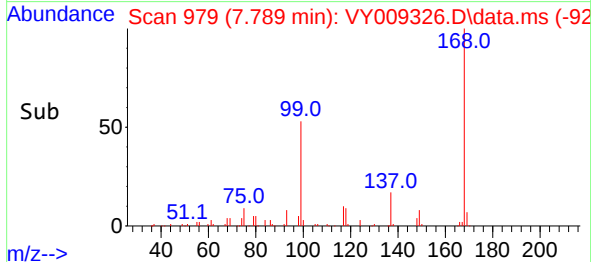
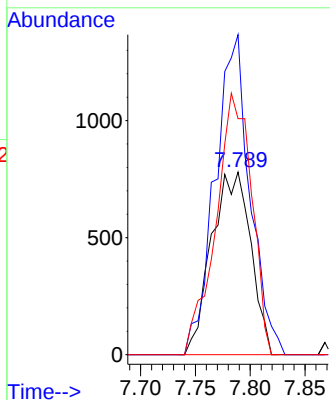


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Instrument :
MSVOA_Y
ClientSampleId :

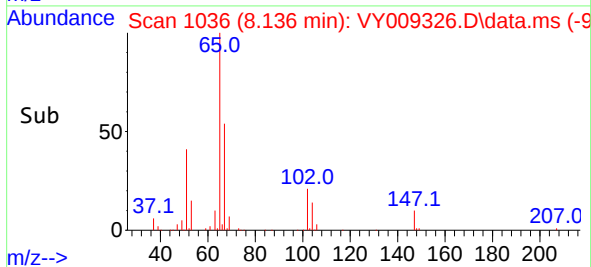
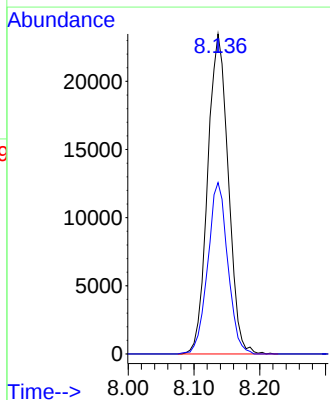
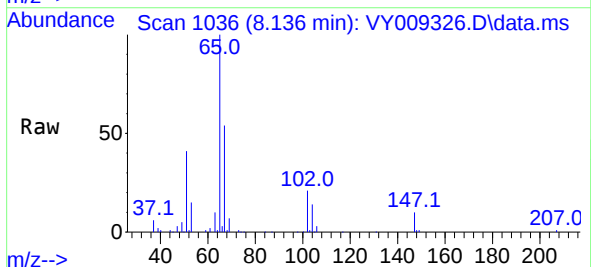


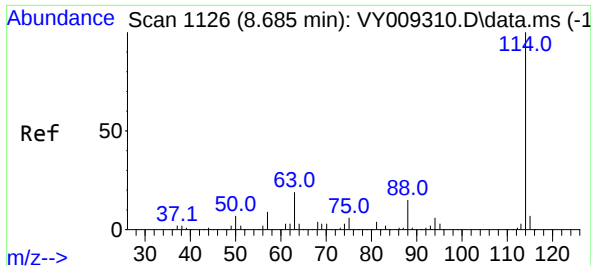
Tgt Ion: 56 Resp: 1943
Ion Ratio Lower Upper
56 100
69 175.3 26.0 39.0#
84 129.2 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 83.799 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion: 65 Resp: 51126
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.4

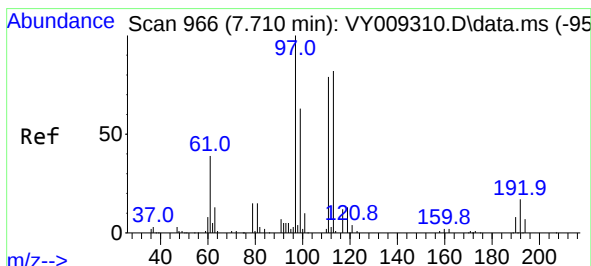
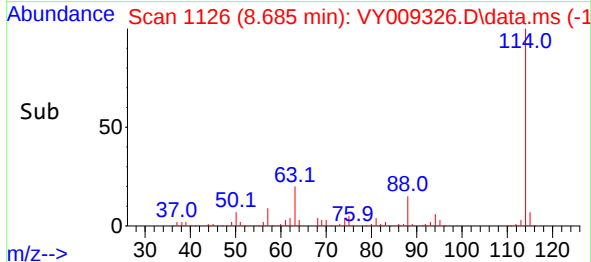
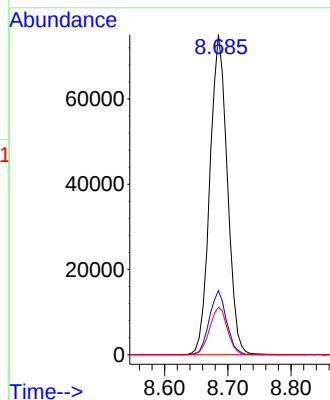
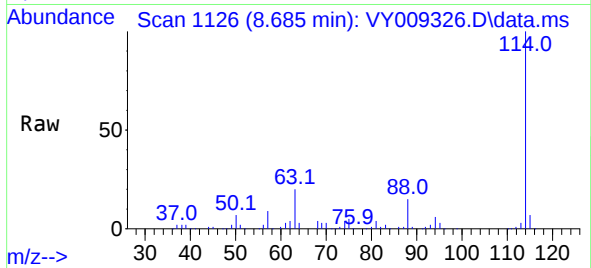




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

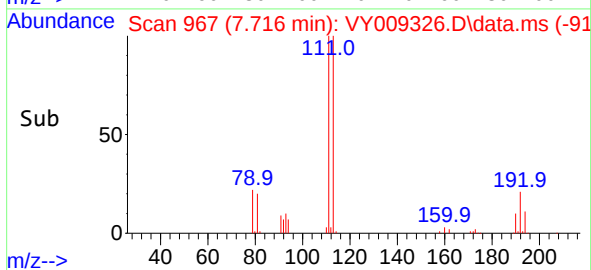
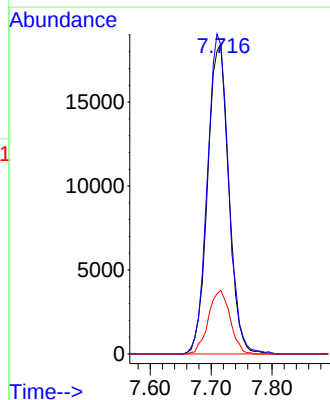
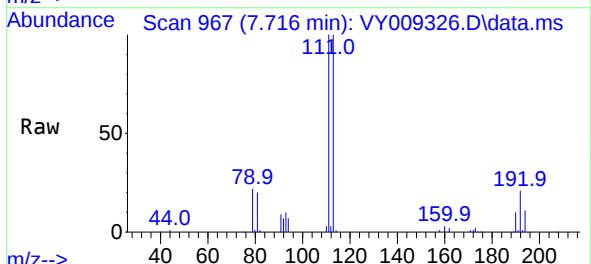
Instrument :
MSVOA_Y
ClientSampleId :

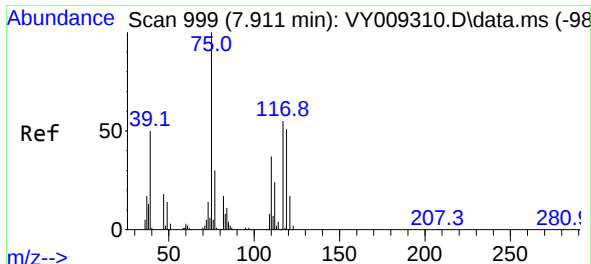
Tgt Ion:114 Resp: 144063
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.0
88 14.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 57.245 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion:113 Resp: 44513
Ion Ratio Lower Upper
113 100
111 103.6 80.6 120.8
192 21.1 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009326.D

Acq: 25 Jun 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

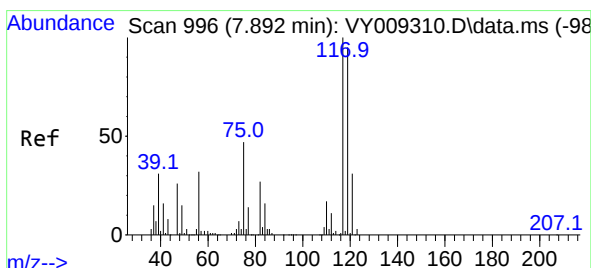
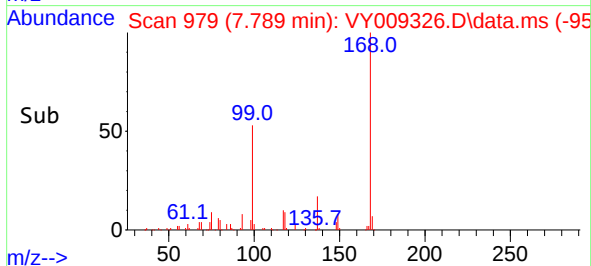
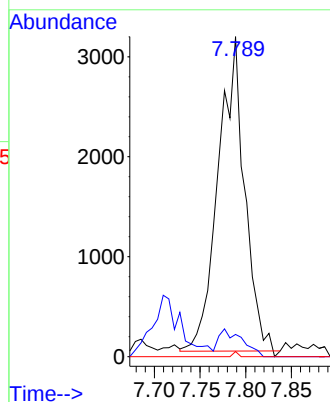
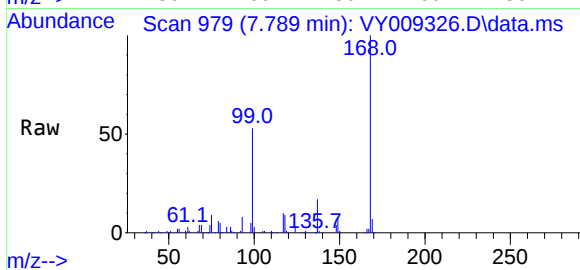
Tgt Ion: 75 Resp: 6297

Ion Ratio Lower Upper

75 100

110 7.9 18.6 56.0#

77 0.3 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.011 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009326.D

Acq: 25 Jun 2022 16:08

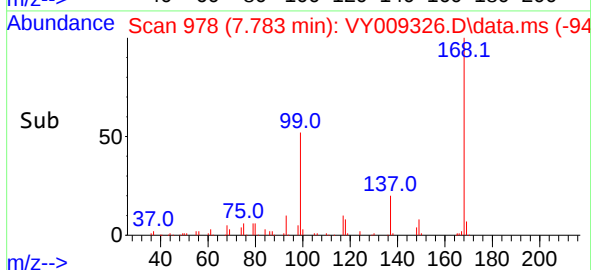
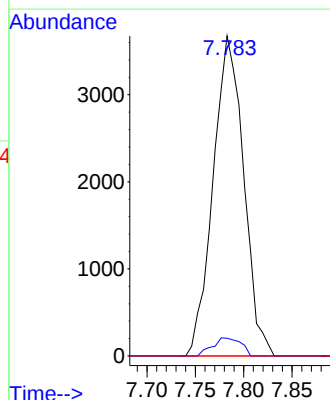
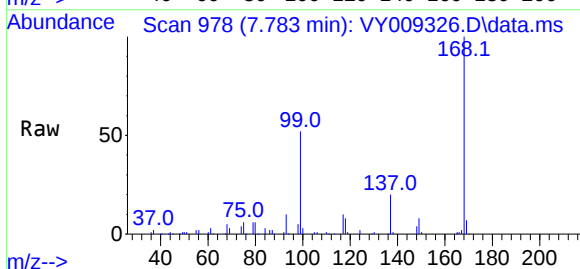
Tgt Ion: 117 Resp: 8066

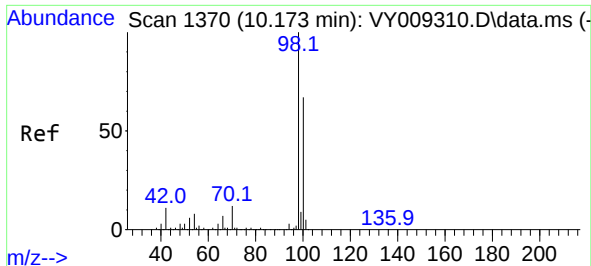
Ion Ratio Lower Upper

117 100

119 5.6 75.9 113.9#

121 0.0 24.9 37.3#

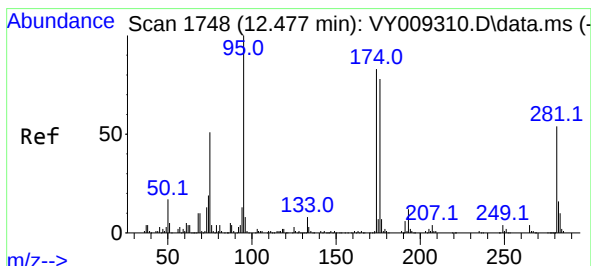
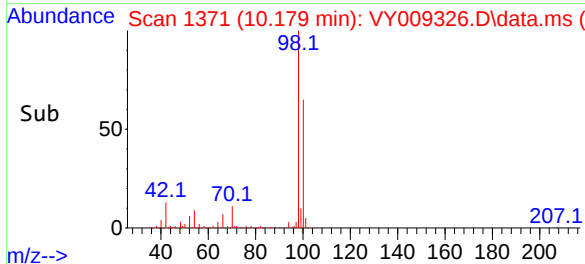
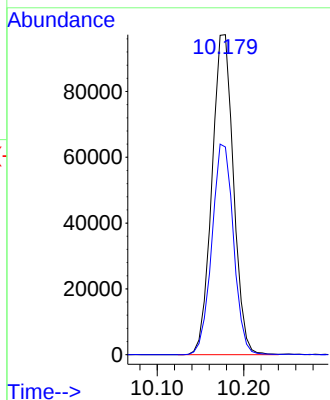
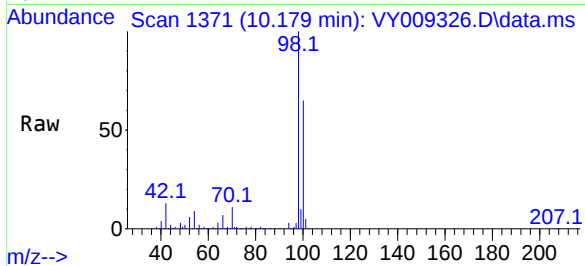




#50
Toluene-d8
Concen: 77.872 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

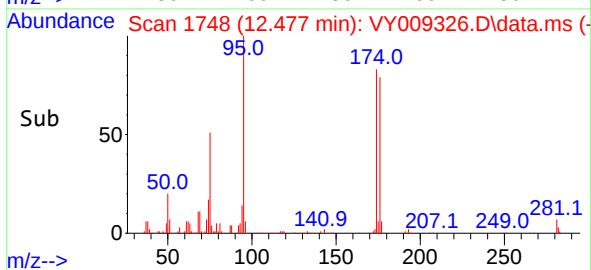
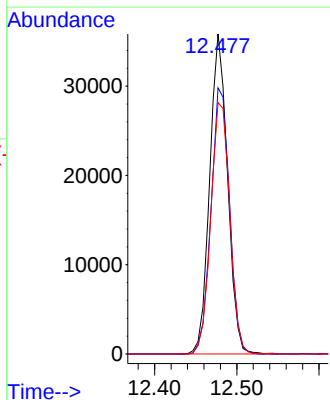
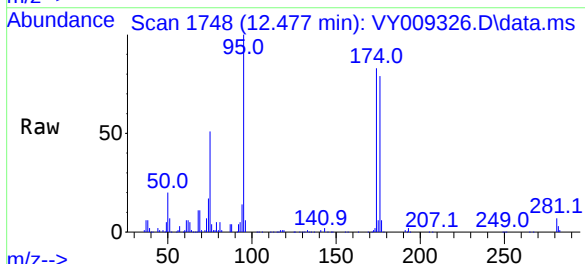
Instrument :
MSVOA_Y
ClientSampleId :

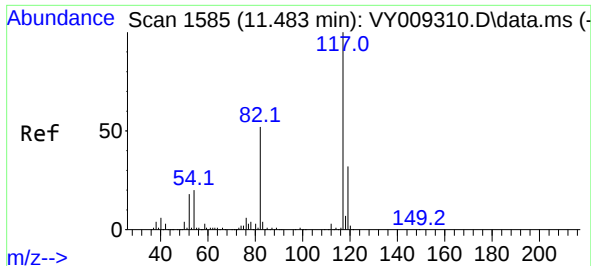
Tgt Ion: 98 Resp: 168321
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.832 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

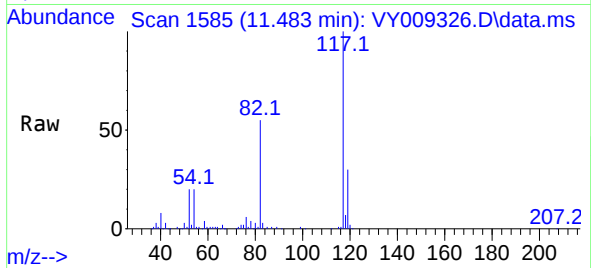
Tgt Ion: 95 Resp: 54079
Ion Ratio Lower Upper
95 100
174 86.5 0.0 173.8
176 83.5 0.0 167.0



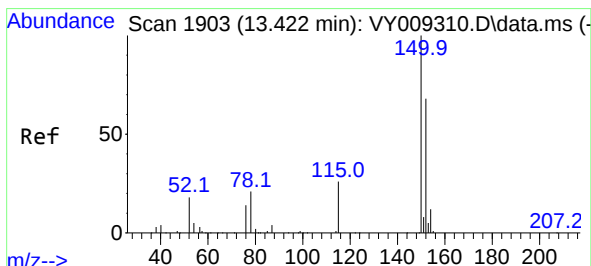
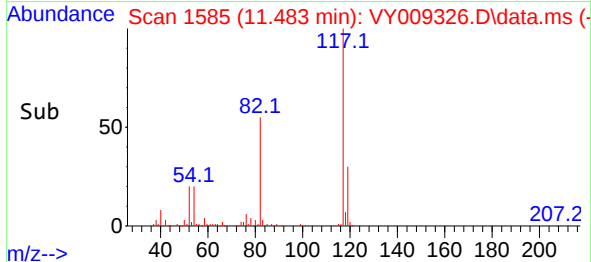
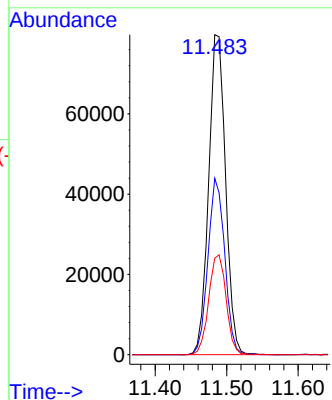


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Instrument :
MSVOA_Y
ClientSampleId :

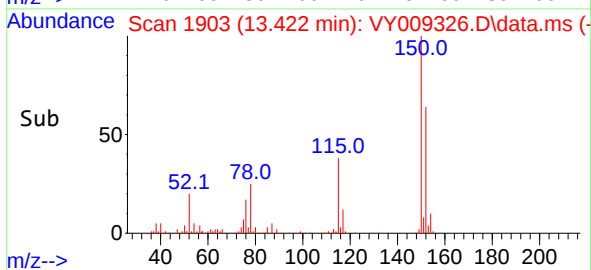
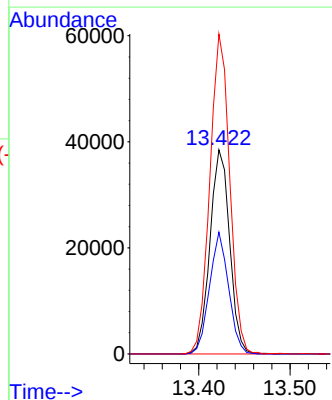
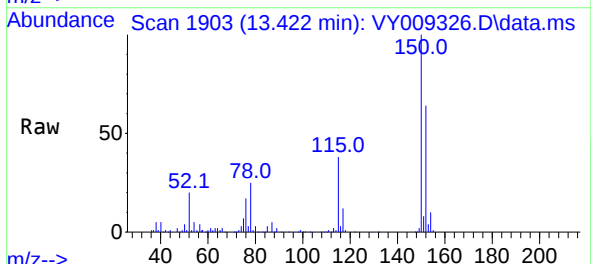


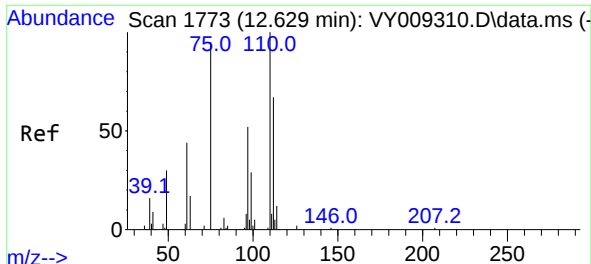
Tgt Ion:117 Resp: 131120
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.6
119 30.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion:152 Resp: 57530
Ion Ratio Lower Upper
152 100
115 57.8 28.6 85.9
150 158.1 0.0 349.8

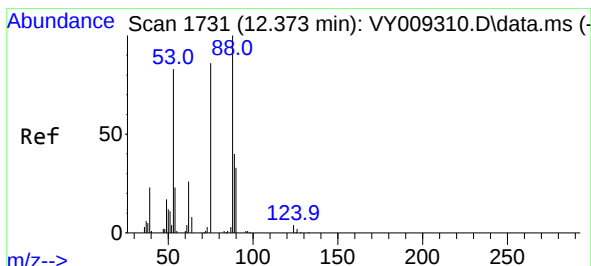
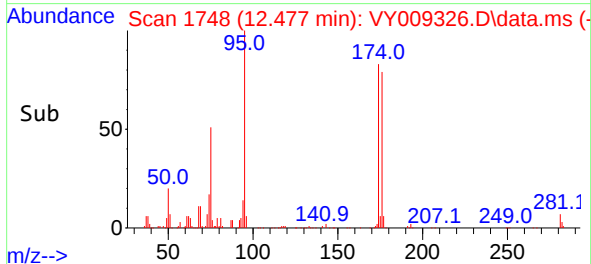
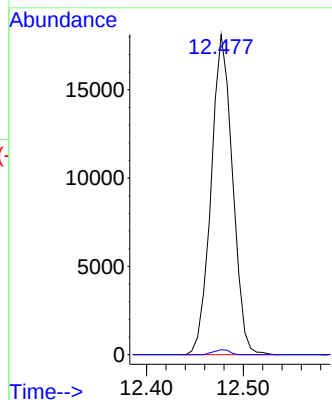
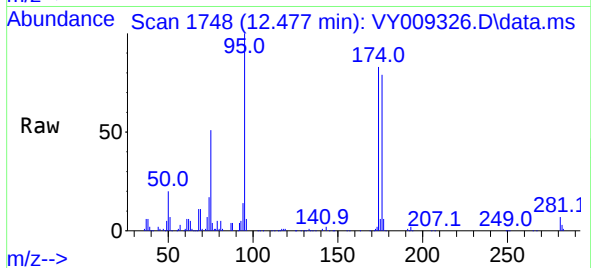




#76
1,2,3-Trichloropropane
Concen: 50.100 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27970
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.176 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion: 75 Resp: 27970
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.2 38.1 57.1#

