

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009346.D
 Acq On : 27 Jun 2022 16:31
 Operator : KP/MD
 Sample : N3426-05
 Misc : 6.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2202-35

Quant Time: Jun 28 04:30:49 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)

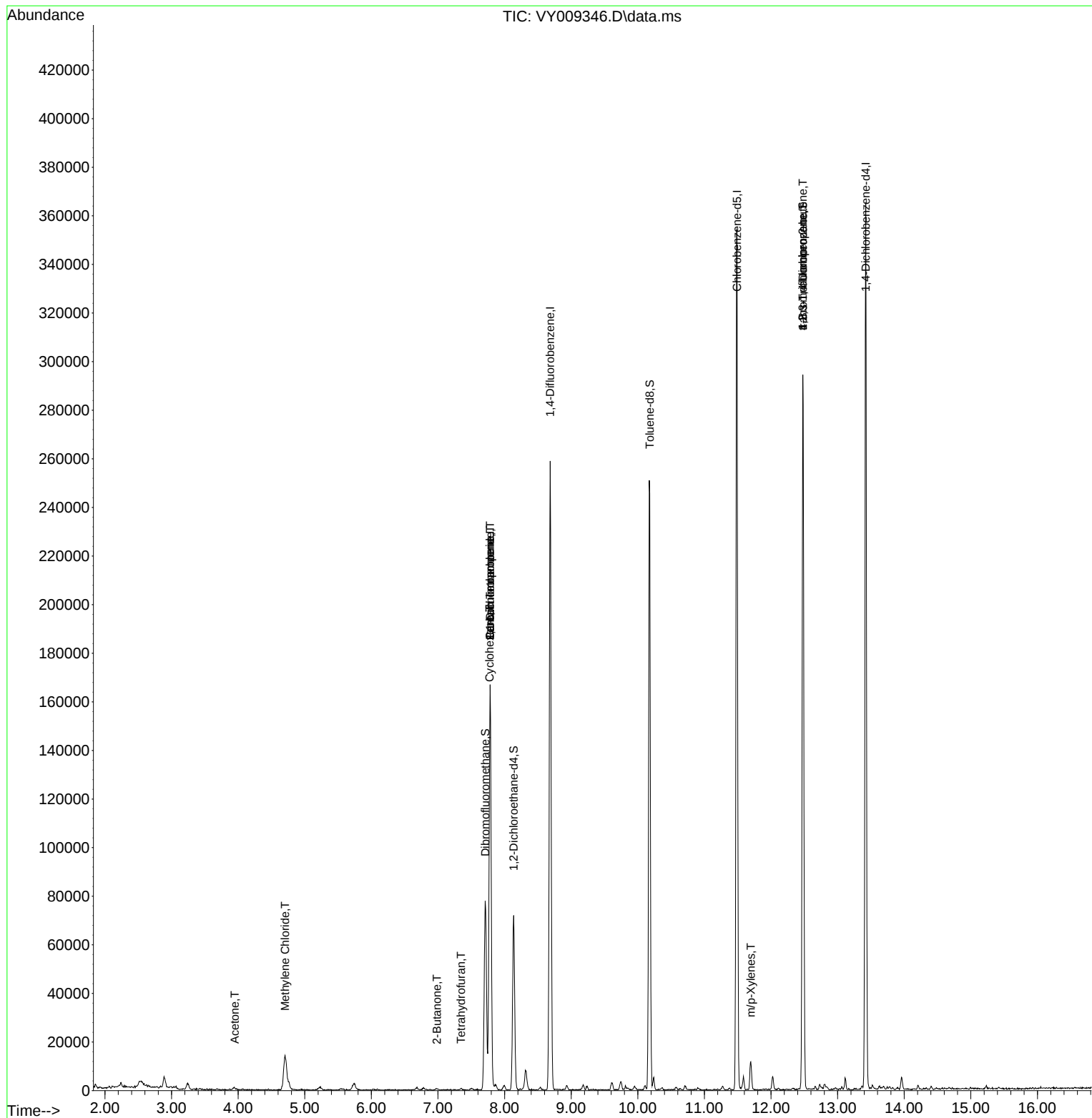
Internal Standards						
1) Pentafluorobenzene	7.783	168	126260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52578	55.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.710	113	54937	48.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.020%
50) Toluene-d8	10.179	98	164024	48.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.477	95	75575	46.373	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	154	Below Cal	#	78
16) Acetone	3.948	43	1712	5.304	ug/l	93
20) Methylene Chloride	4.704	84	9677	3.812	ug/l	97
25) 2-Butanone	6.984	43	490	1.009	ug/l	# 48
29) Tetrahydrofuran	7.344	42	410	1.316	ug/l	# 53
31) Cyclohexane	7.777	56	3166	1.387	ug/l	# 29
36) 1,1-Dichloropropene	7.783	75	9746	5.075	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	12293	6.225	ug/l	# 16
68) m/p-Xylenes	11.697	106	3513	1.314	ug/l	94
76) 1,2,3-Trichloropropane	12.477	75	40077	45.242	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	40077	89.558	ug/l	# 13

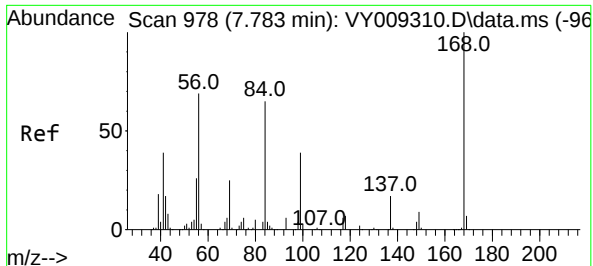
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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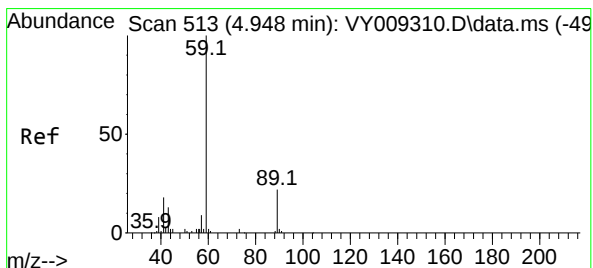
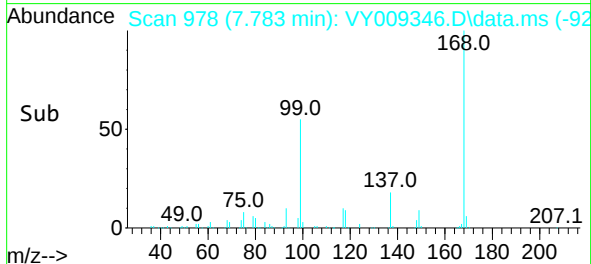
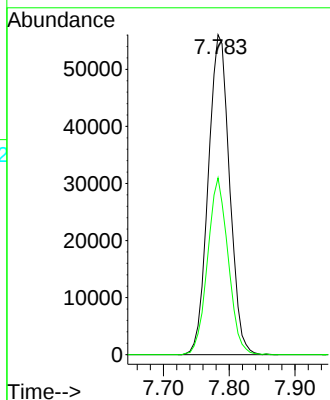
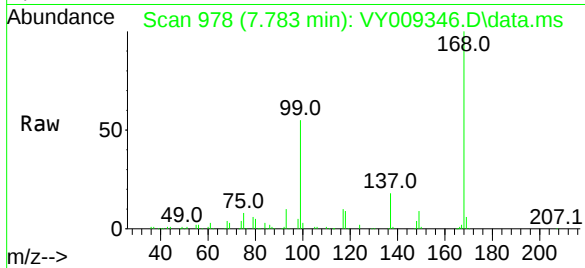




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

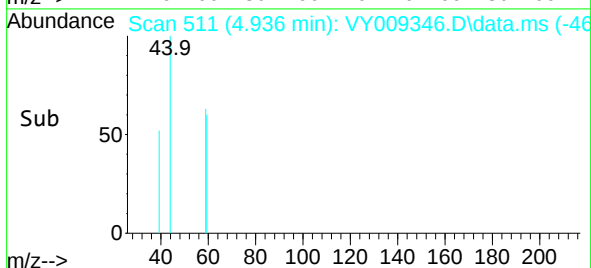
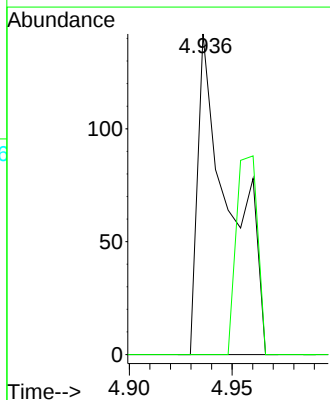
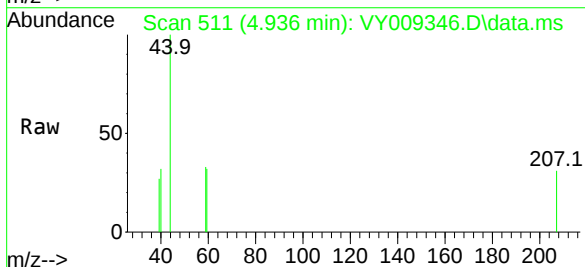
Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

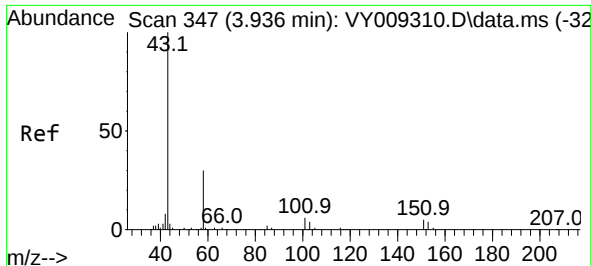
Tgt Ion:168 Resp: 126260
Ion Ratio Lower Upper
168 100
99 55.3 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 5.304 ug/l

RT: 3.948 min Scan# 347

Delta R.T. 0.012 min

Lab File: VY009346.D

Acq: 27 Jun 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

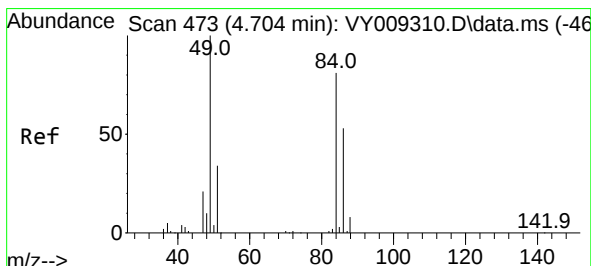
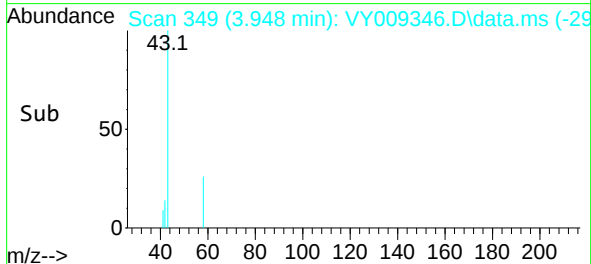
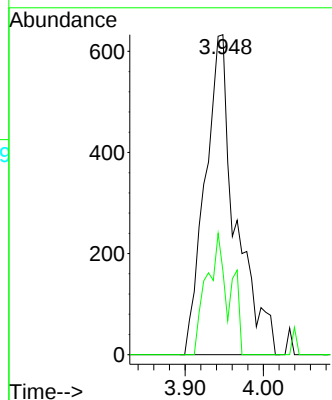
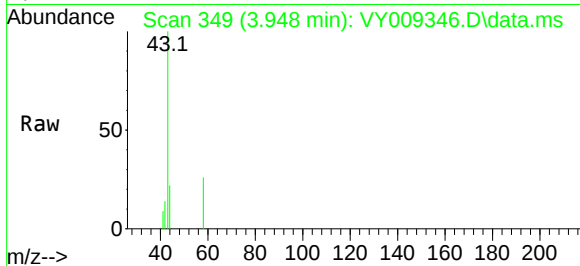
B2202-35

Tgt Ion: 43 Resp: 1712

Ion Ratio Lower Upper

43 100

58 26.2 24.0 36.0



#20

Methylene Chloride

Concen: 3.812 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009346.D

Acq: 27 Jun 2022 16:31

Tgt Ion: 84 Resp: 9677

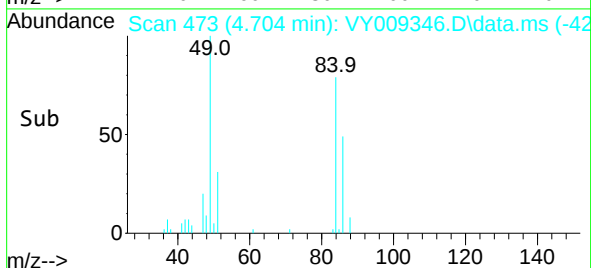
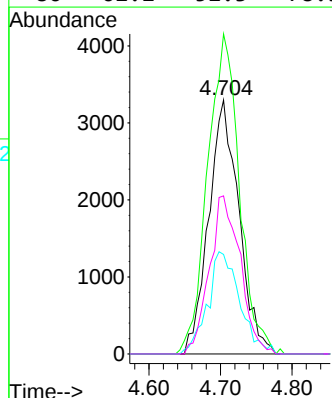
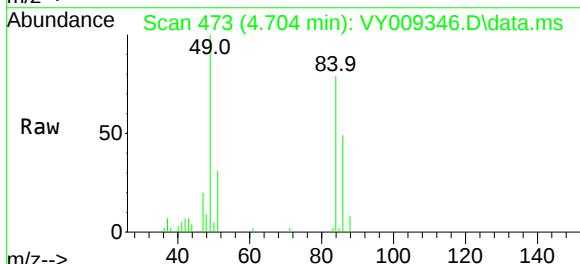
Ion Ratio Lower Upper

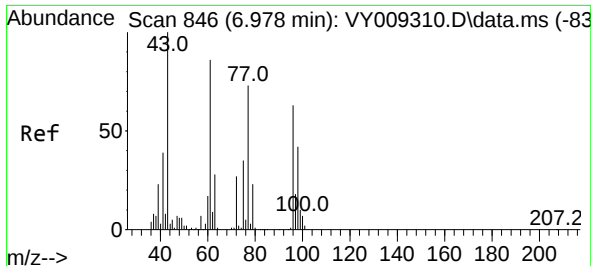
84 100

49 124.4 98.2 147.4

51 39.2 33.4 50.0

86 62.2 52.3 78.5

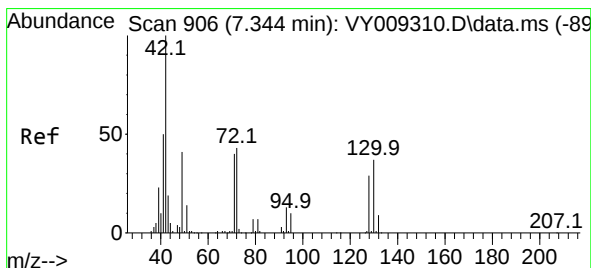
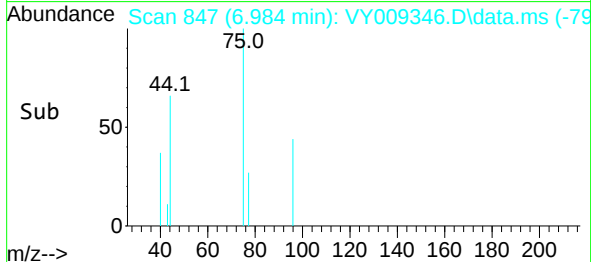
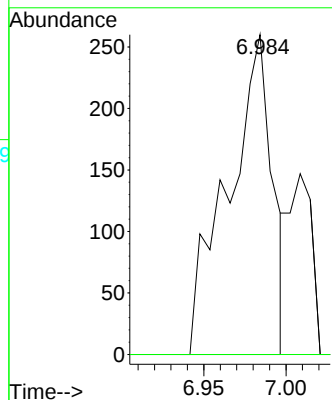
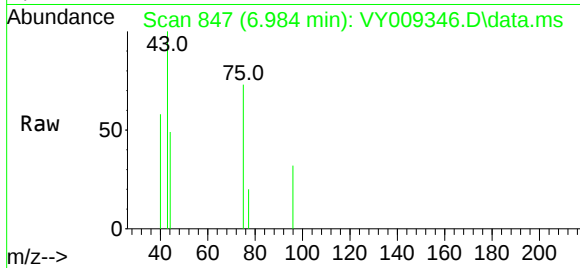




#25
2-Butanone
Concen: 1.009 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

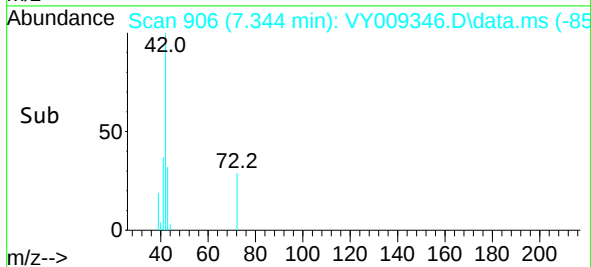
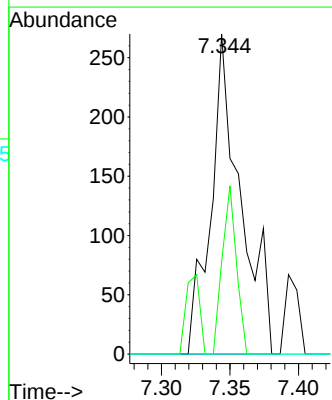
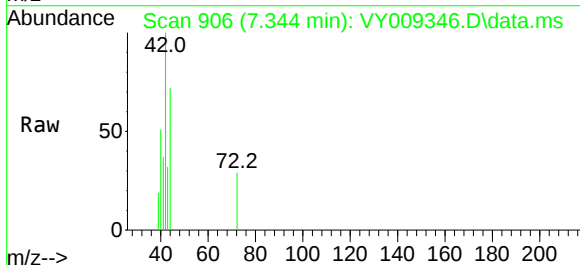
Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

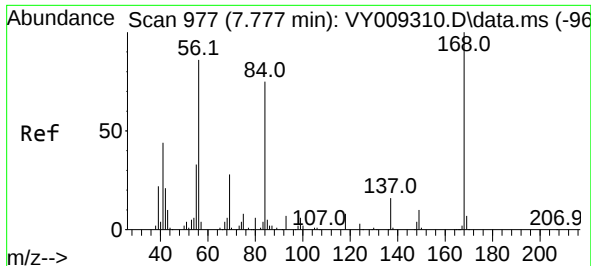
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#29
Tetrahydrofuran
Concen: 1.316 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

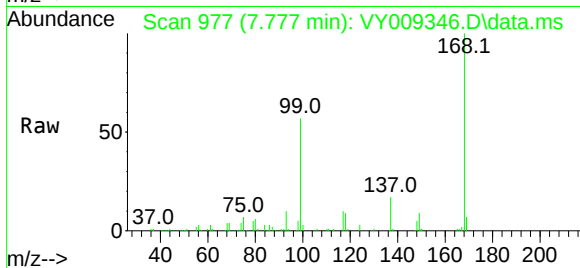
Tgt Ion: 42 Resp: 410
Ion Ratio Lower Upper
42 100
72 24.9 34.6 52.0#
71 0.0 32.7 49.1#



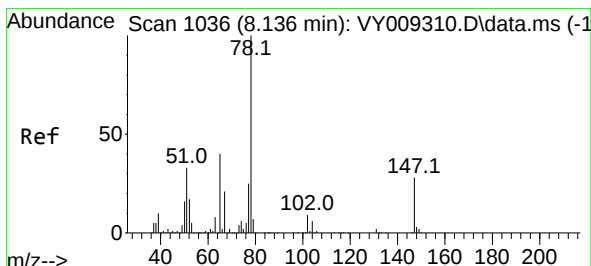
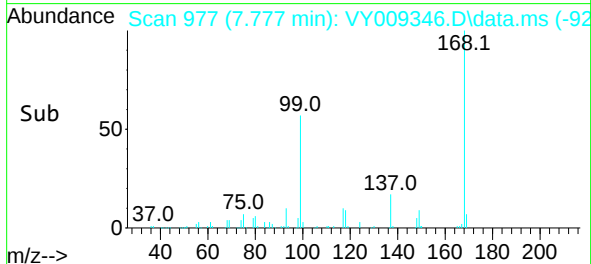
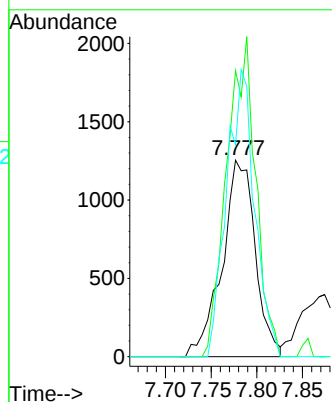


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

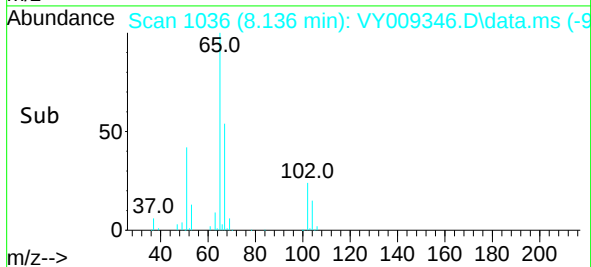
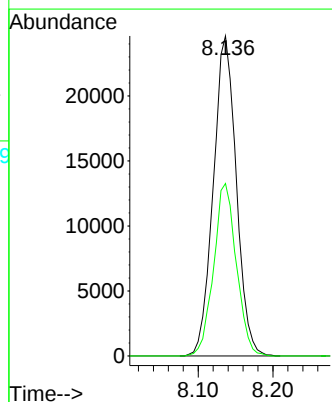
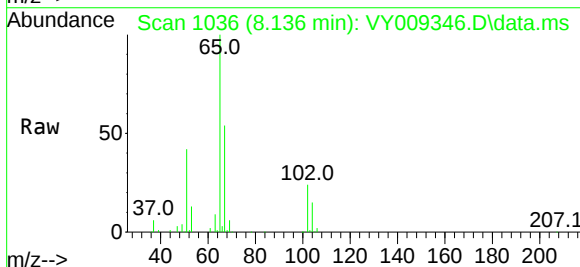


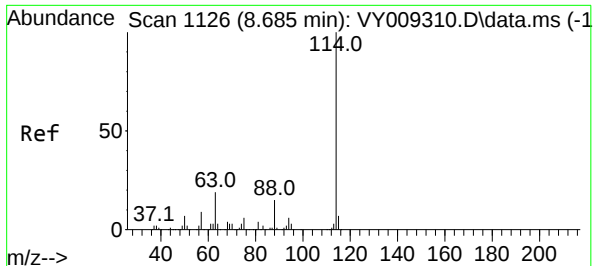
Tgt Ion: 56 Resp: 3166
Ion Ratio Lower Upper
56 100
69 145.6 26.0 39.0#
84 107.7 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 55.826 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion: 65 Resp: 52578
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009346.D

Acq: 27 Jun 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

B2202-35

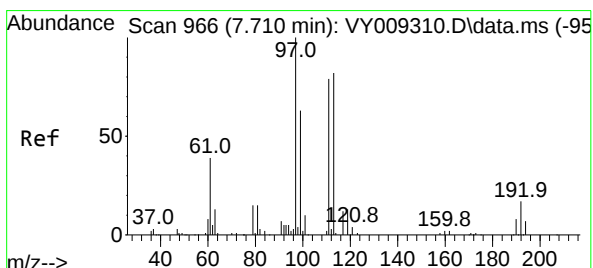
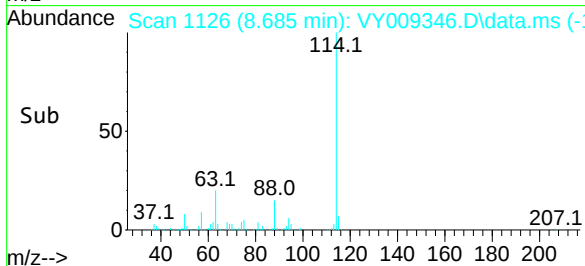
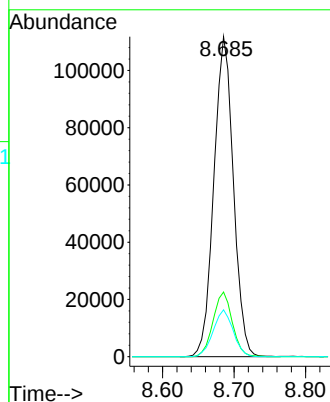
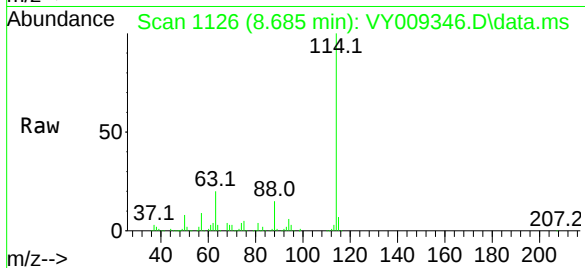
Tgt Ion:114 Resp: 212001

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

88 14.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 48.010 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009346.D

Acq: 27 Jun 2022 16:31

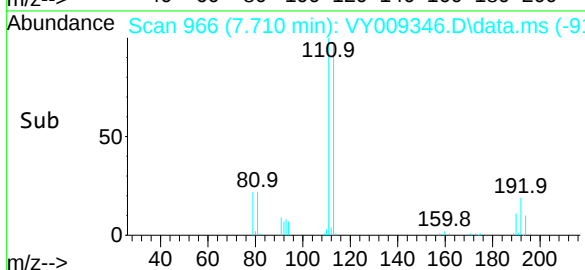
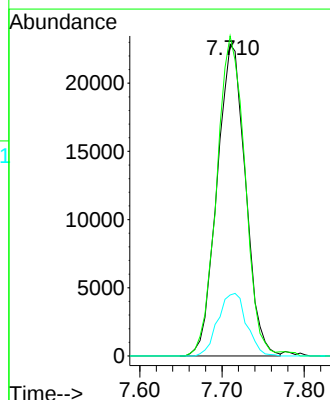
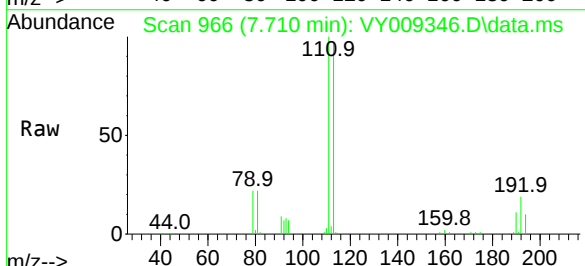
Tgt Ion:113 Resp: 54937

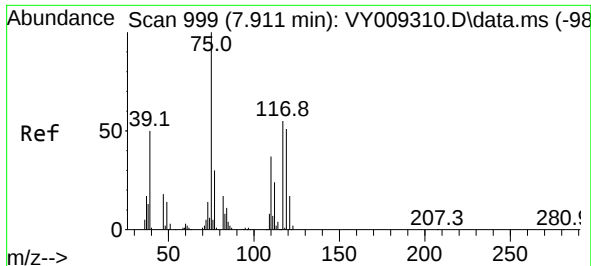
Ion Ratio Lower Upper

113 100

111 102.6 80.6 120.8

192 20.1 16.2 24.4

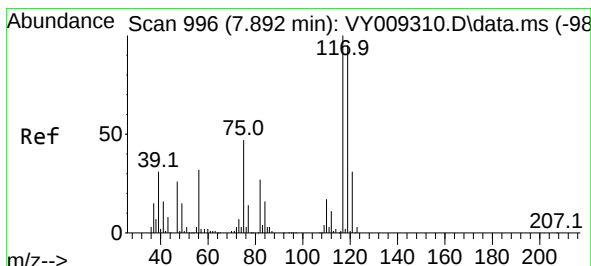
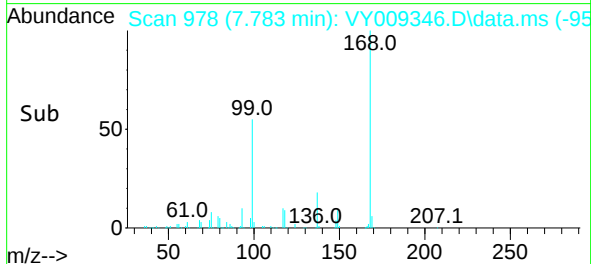
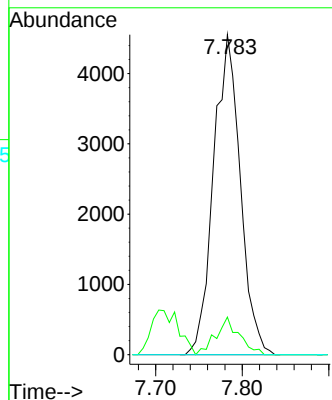
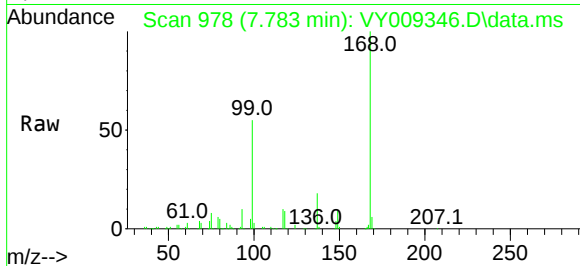




#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

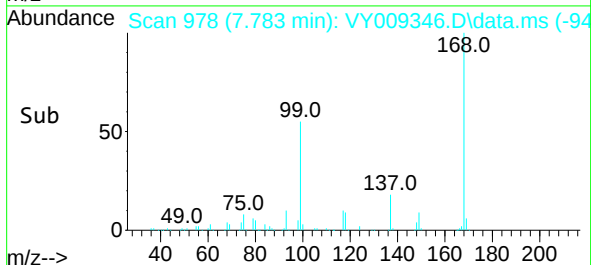
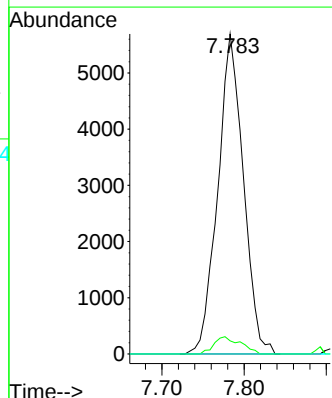
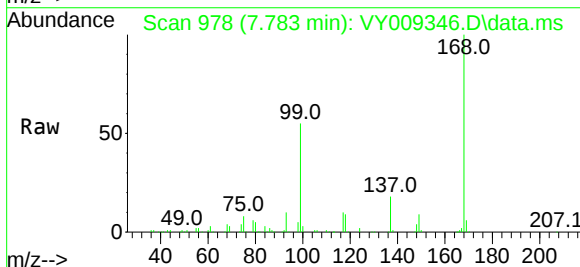
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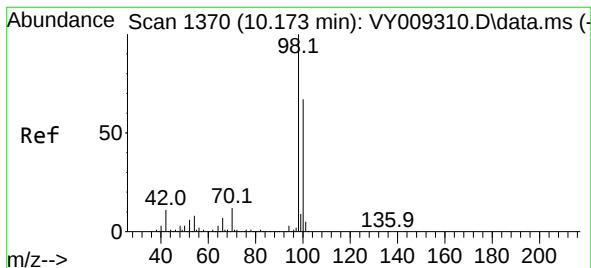
Tgt Ion: 75 Resp: 9746
Ion Ratio Lower Upper
75 100
110 10.2 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion: 117 Resp: 12293
Ion Ratio Lower Upper
117 100
119 4.1 75.9 113.9#
121 0.0 24.9 37.3#

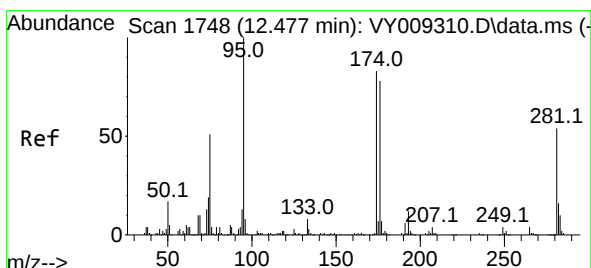
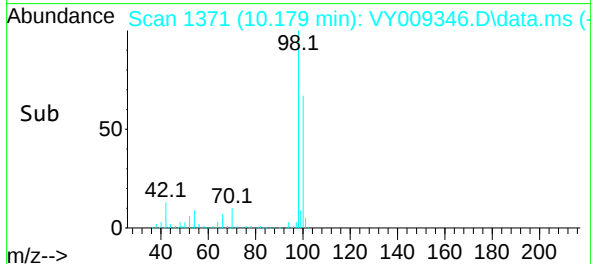
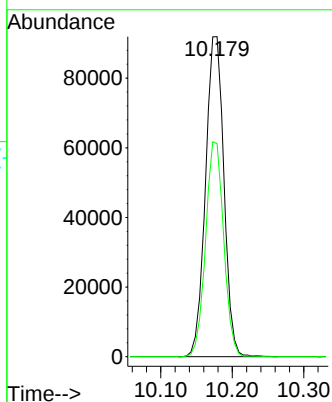
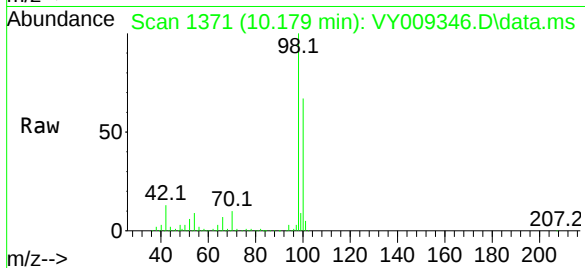




#50
Toluene-d8
Concen: 48.912 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

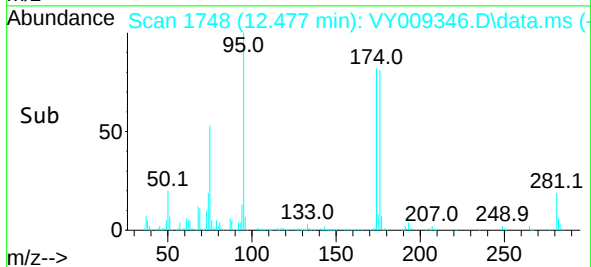
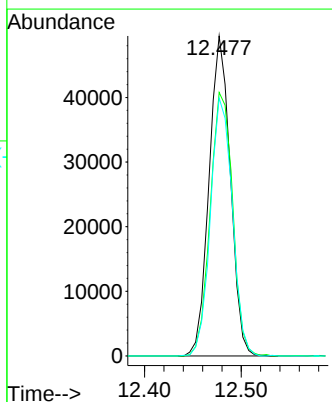
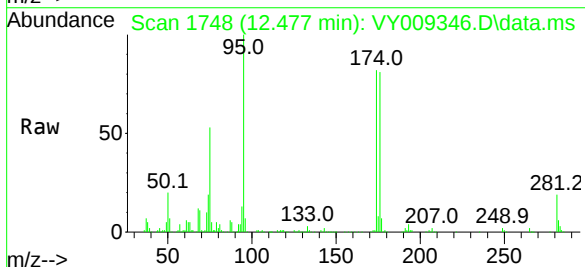
Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

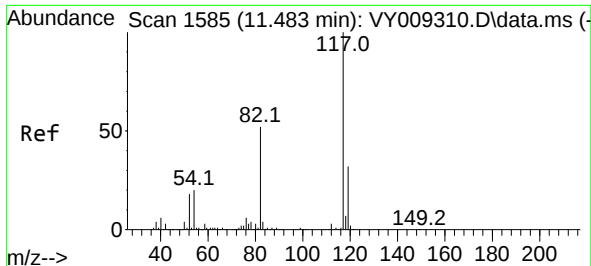
Tgt Ion: 98 Resp: 164024
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.373 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion: 95 Resp: 75575
Ion Ratio Lower Upper
95 100
174 86.8 0.0 173.8
176 83.1 0.0 167.0

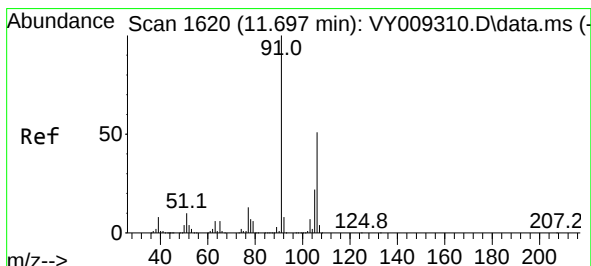
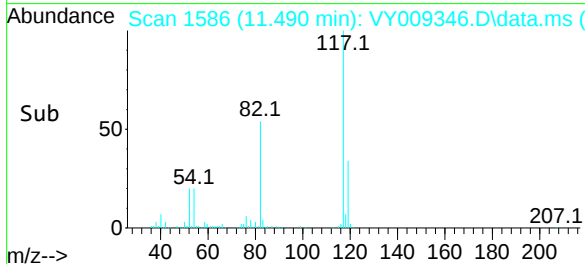
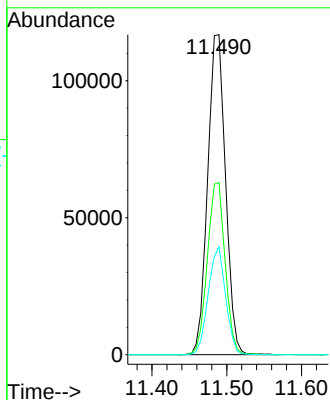
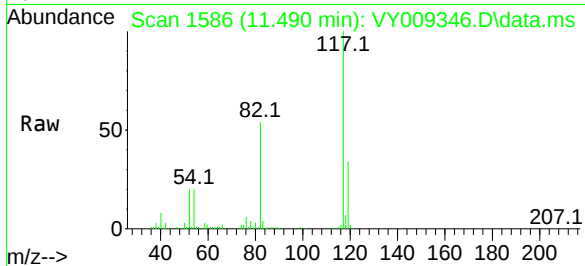




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

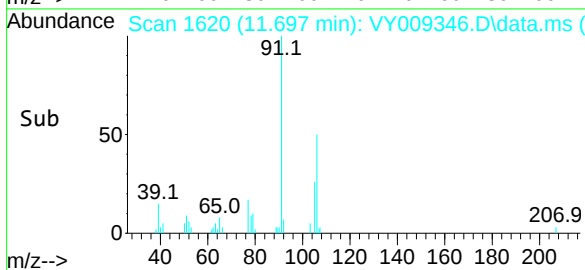
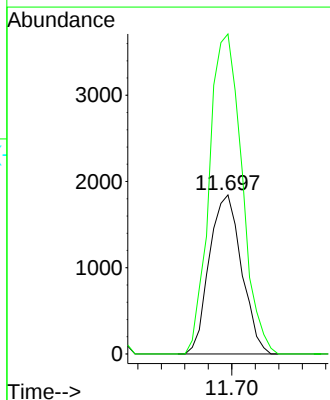
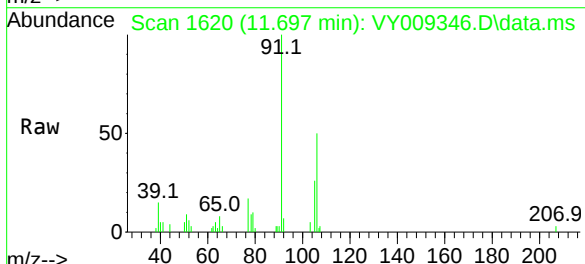
Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

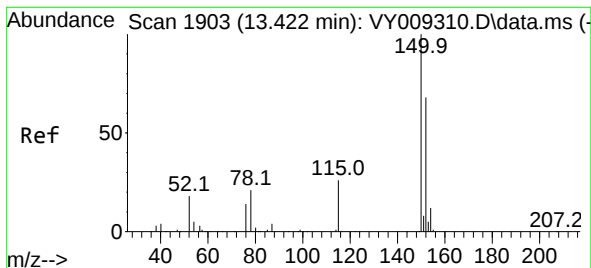
Tgt Ion:117 Resp: 194280
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.6
119 33.7 25.6 38.4



#68
m/p-Xylenes
Concen: 1.314 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion:106 Resp: 3513
Ion Ratio Lower Upper
106 100
91 203.6 156.2 234.2

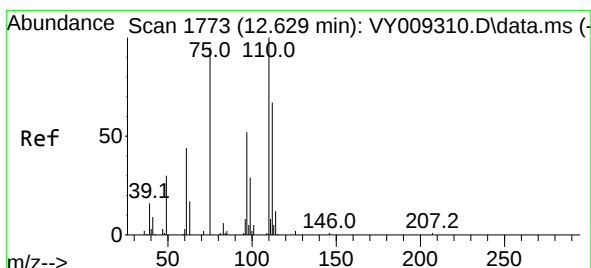
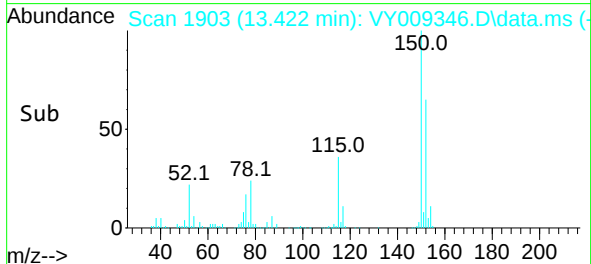
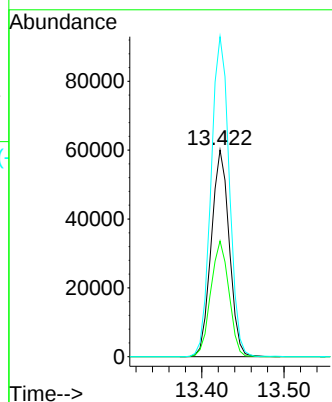
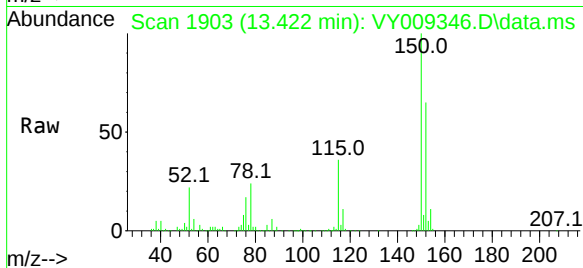




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009346.D
 Acq: 27 Jun 2022 16:31

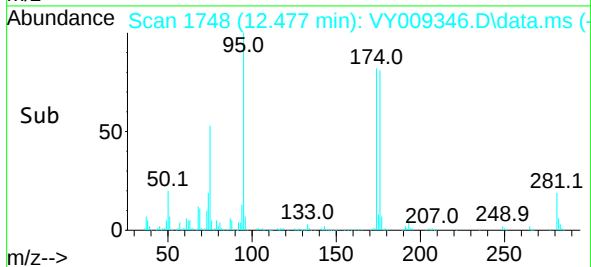
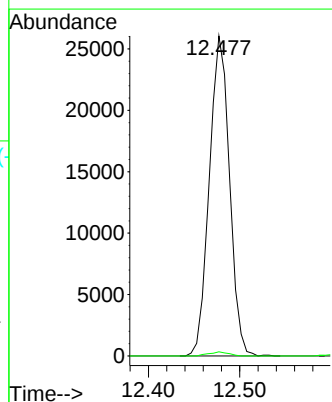
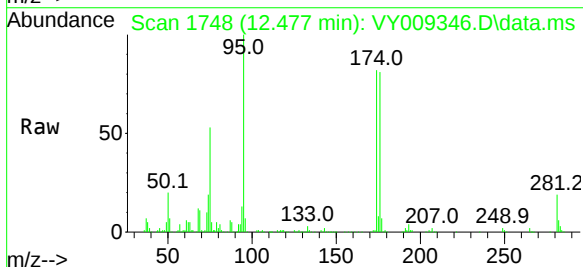
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2202-35

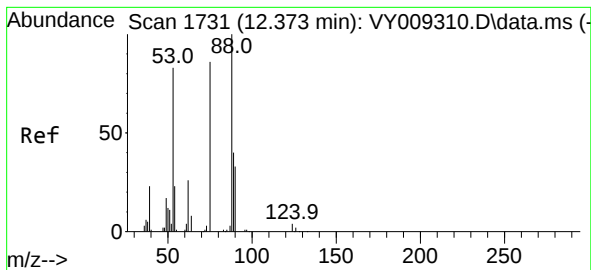
Tgt Ion:152 Resp: 91285
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.6 85.9
 150 157.0 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 45.242 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009346.D
 Acq: 27 Jun 2022 16:31

Tgt Ion: 75 Resp: 40077
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.558 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009346.D
 Acq: 27 Jun 2022 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2202-35

Tgt Ion: 75 Resp: 40077
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.4 38.1 57.1#

