

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009721.D
 Acq On : 27 Jul 2022 13:55
 Operator : KP/MD
 Sample : N3886-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WH-1

Quant Time: Jul 28 02:45:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

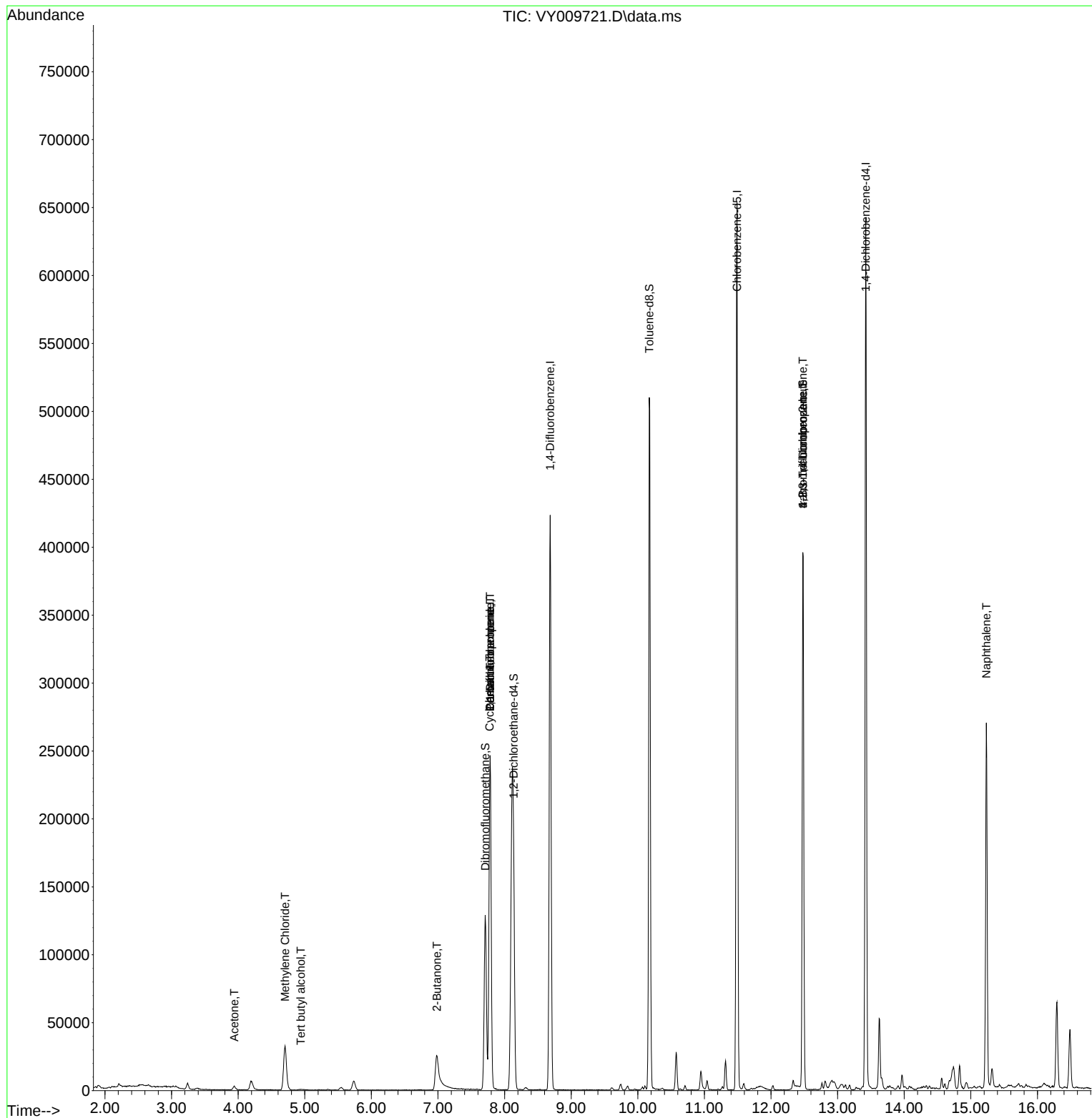
Internal Standards						
1) Pentafluorobenzene	7.783	168	207234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92880	69.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.660%	
35) Dibromofluoromethane	7.710	113	90928	44.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.720%	
50) Toluene-d8	10.173	98	335409	56.752	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 113.500%	
62) 4-Bromofluorobenzene	12.477	95	113705	41.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 83.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1083	4.512	ug/l #	77
16) Acetone	3.942	43	5075	10.242	ug/l #	87
18) Methyl Acetate	4.472	43	173	Below Cal	#	56
20) Methylene Chloride	4.704	84	25023	1.038	ug/l	90
25) 2-Butanone	6.984	43	1861	2.546	ug/l #	81
31) Cyclohexane	7.777	56	3530	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14126	4.235	ug/l #	52
38) Carbon Tetrachloride	7.783	117	18009	5.038	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	58722	37.142	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58722	74.034	ug/l #	7
95) Naphthalene	15.233	128	222480	37.111	ug/l	99

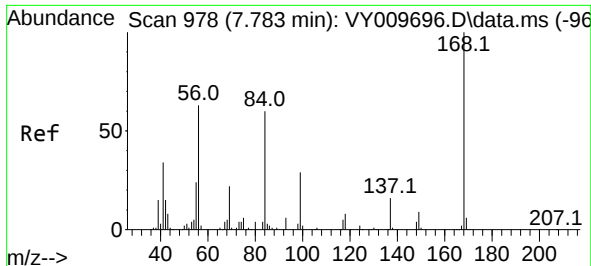
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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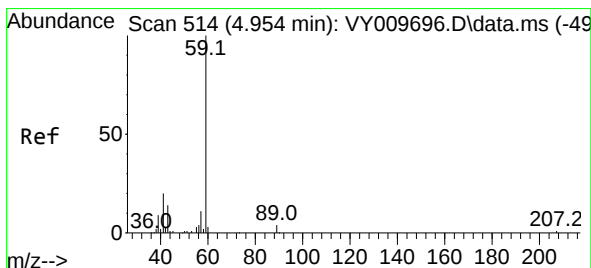
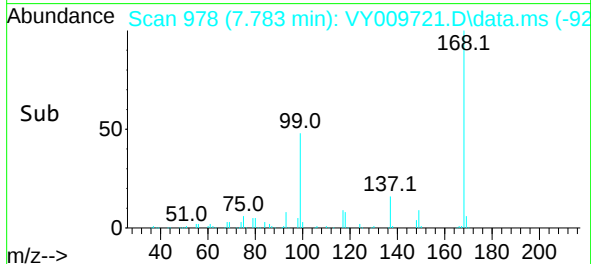
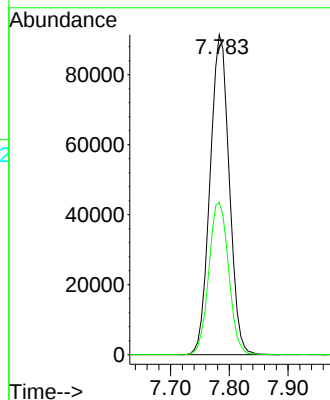
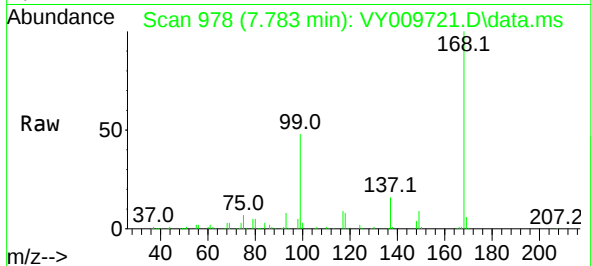




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

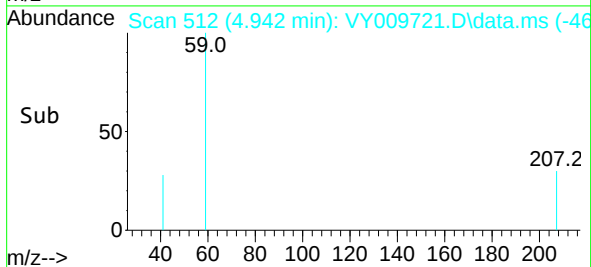
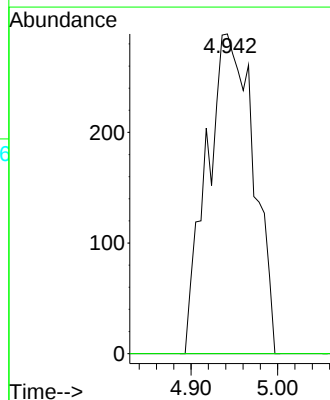
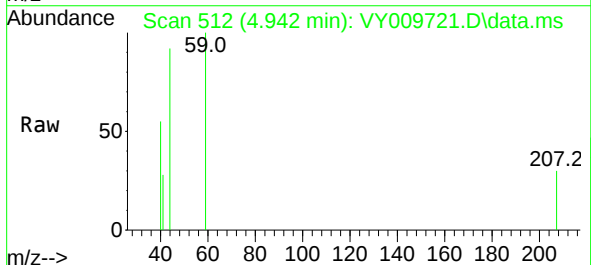
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

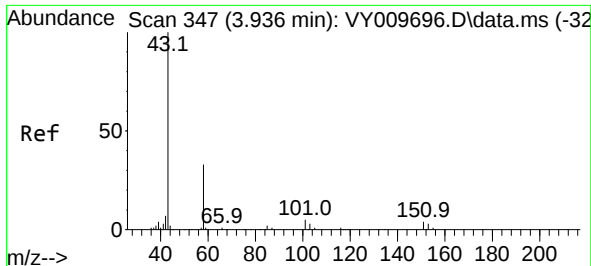
Tgt Ion:168 Resp: 207234
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.512 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 59 Resp: 1083
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

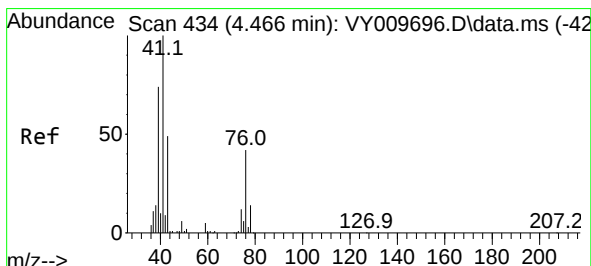
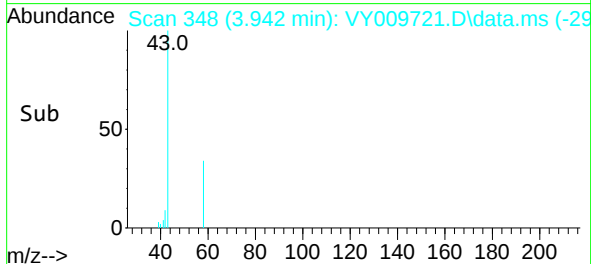
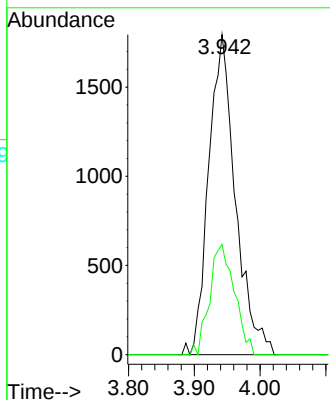
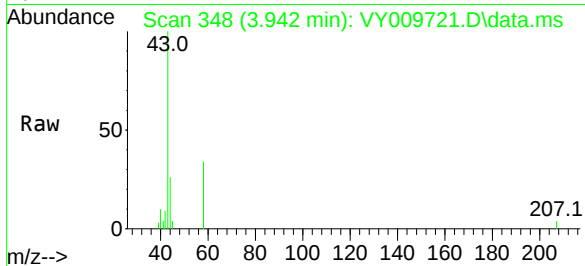




#16
Acetone
Concen: 10.242 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

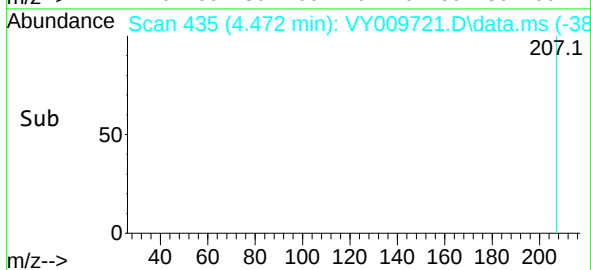
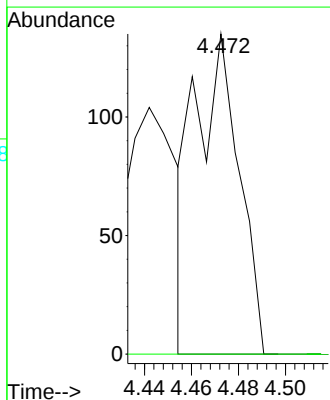
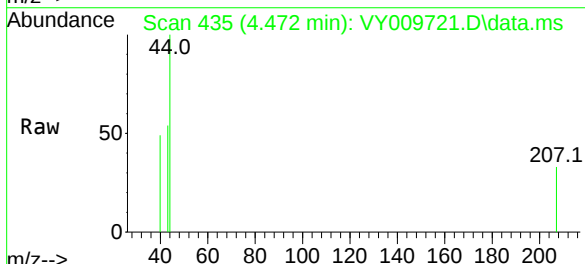
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

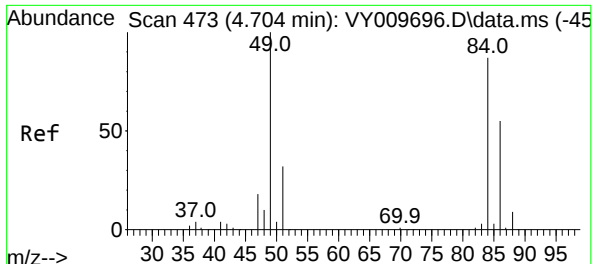
Tgt Ion: 43 Resp: 5075
Ion Ratio Lower Upper
43 100
58 34.4 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

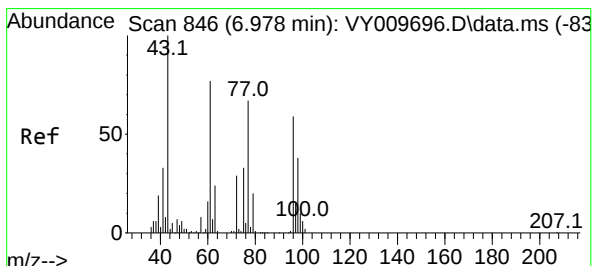
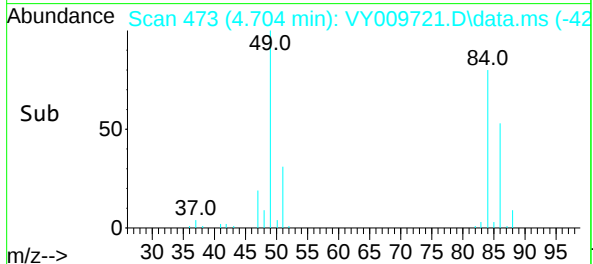
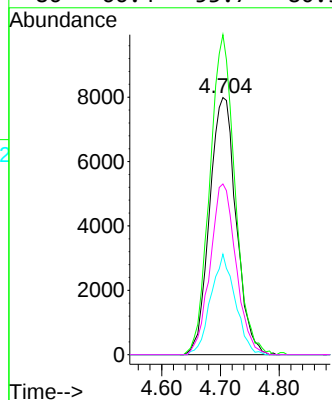
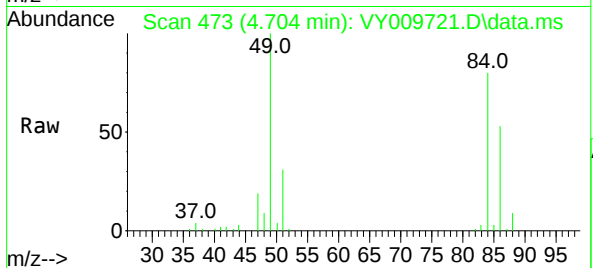




#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

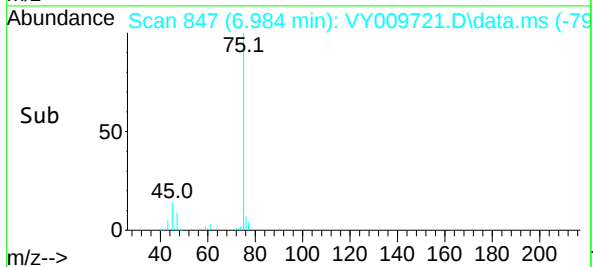
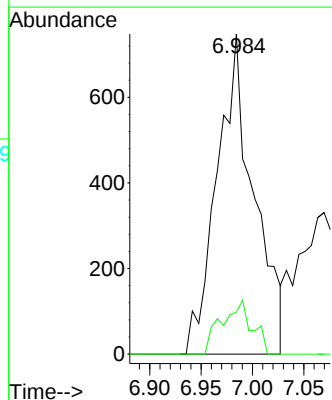
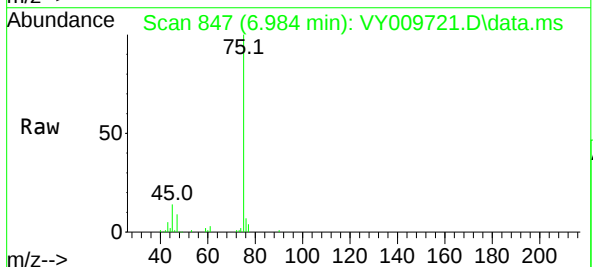
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

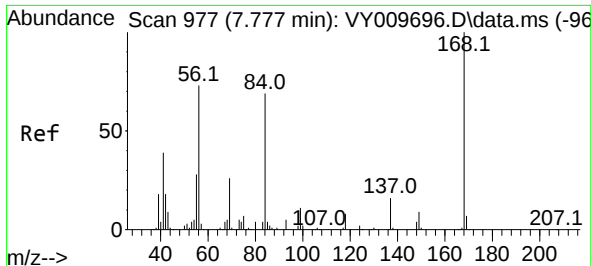
Tgt Ion:	84	Resp:	25023
Ion	Ratio	Lower	Upper
84	100		
49	124.4	114.4	171.6
51	39.1	35.3	52.9
86	66.4	53.7	80.5



#25
2-Butanone
Concen: 2.546 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion:	43	Resp:	1861
Ion	Ratio	Lower	Upper
43	100		
72	13.1	17.7	26.5#

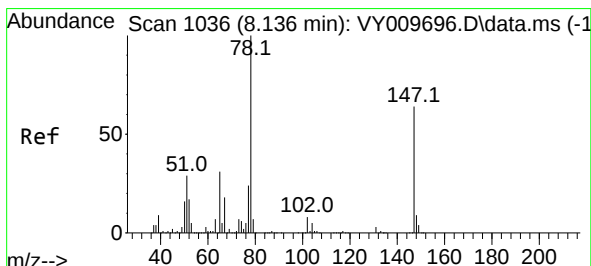
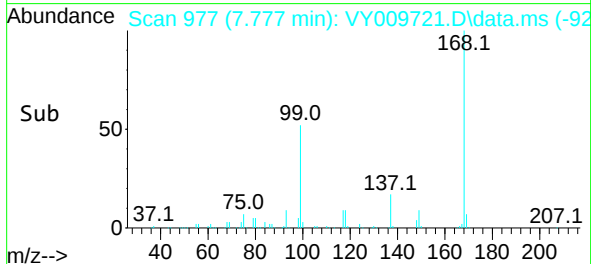
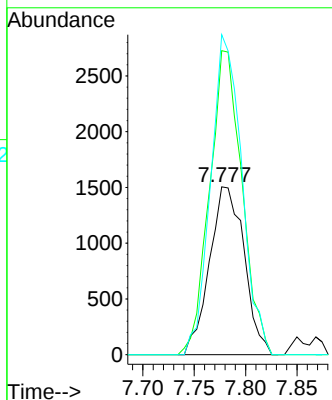
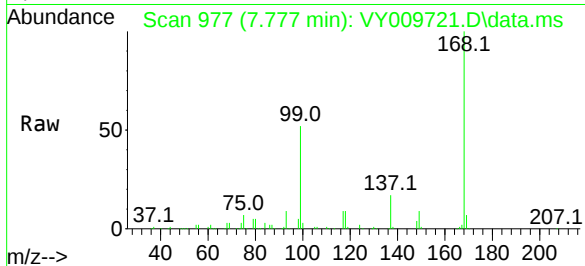




#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

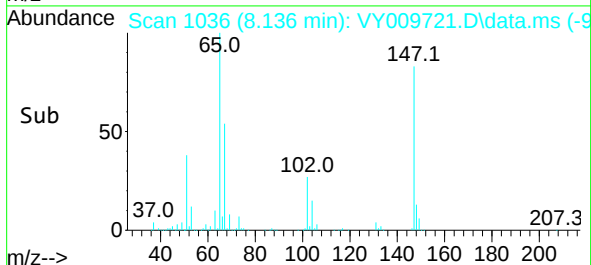
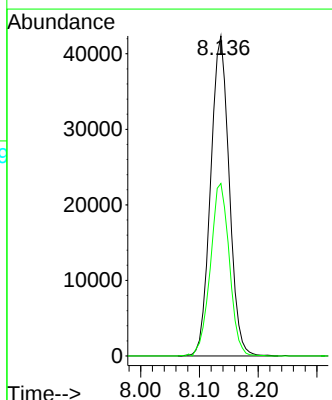
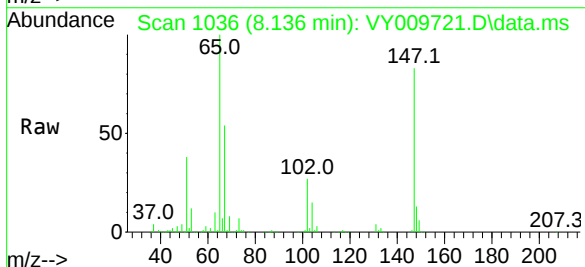
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

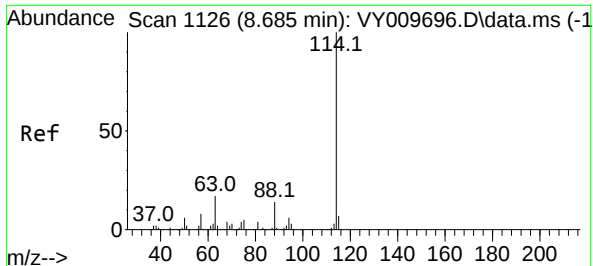
Tgt Ion: 56 Resp: 3530
Ion Ratio Lower Upper
56 100
69 181.1 26.7 40.1#
84 190.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.331 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 65 Resp: 92880
Ion Ratio Lower Upper
65 100
67 55.1 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: VY009721.D

Acq: 27 Jul 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

WH-1

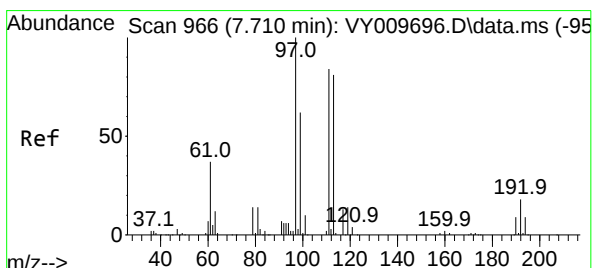
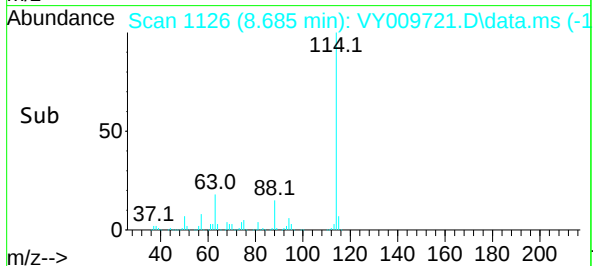
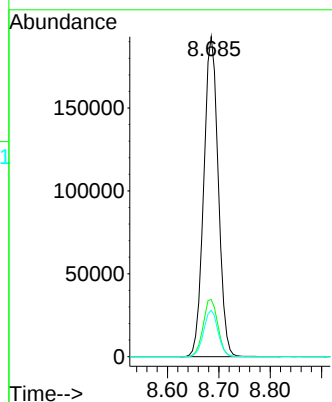
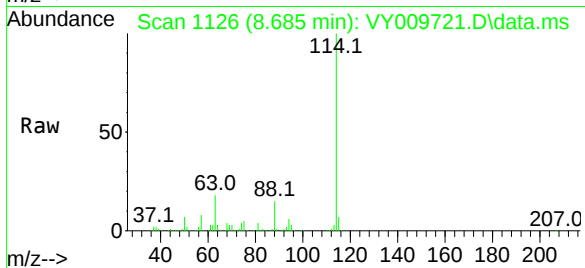
Tgt Ion:114 Resp: 376926

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.355 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009721.D

Acq: 27 Jul 2022 13:55

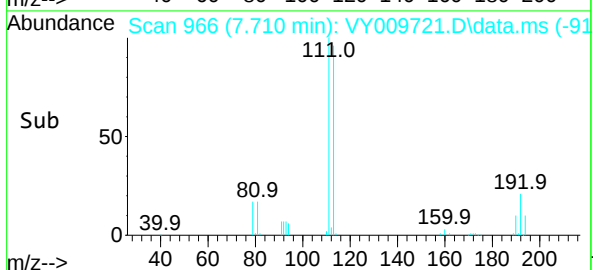
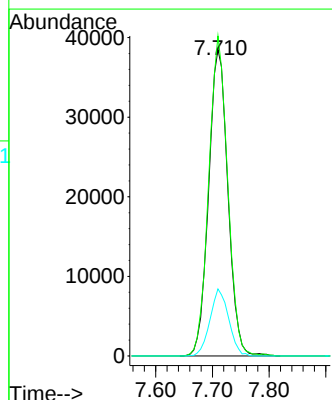
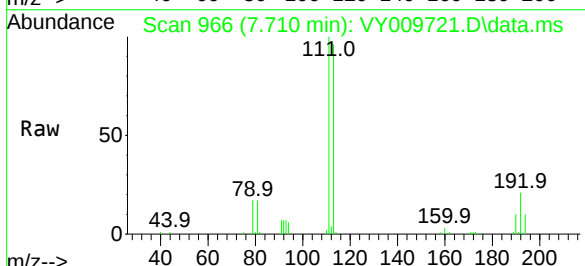
Tgt Ion:113 Resp: 90928

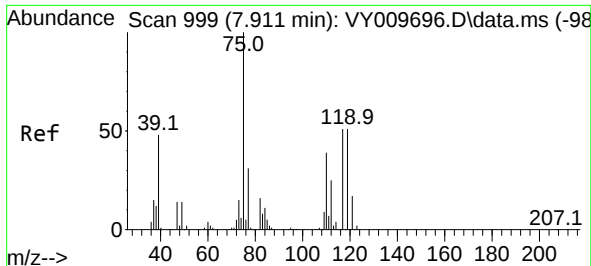
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 21.2 17.6 26.4

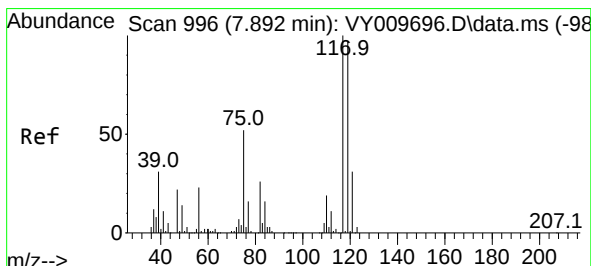
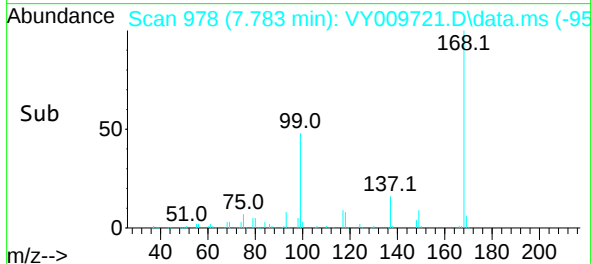
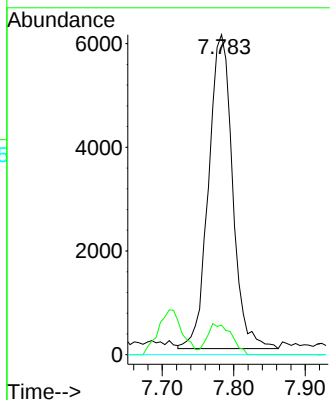
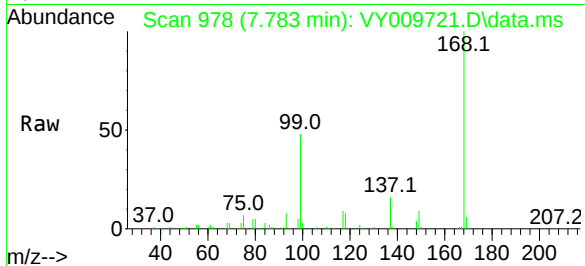




#36
1,1-Dichloropropene
Concen: 4.235 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

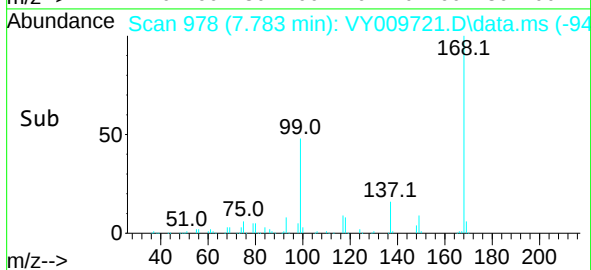
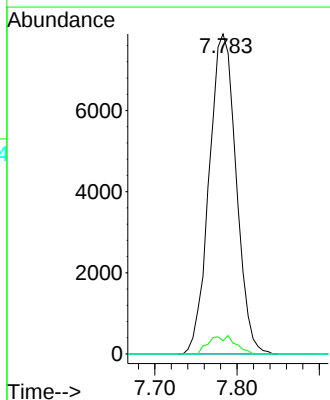
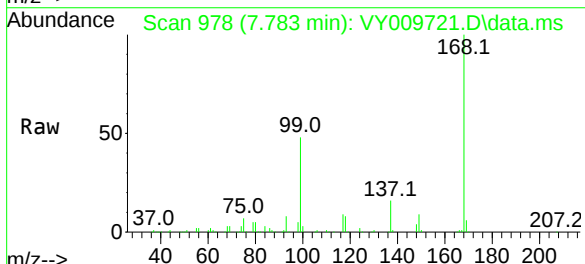
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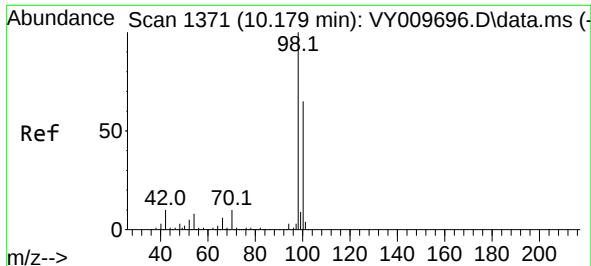
Tgt Ion: 75 Resp: 14126
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.038 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 117 Resp: 18009
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#

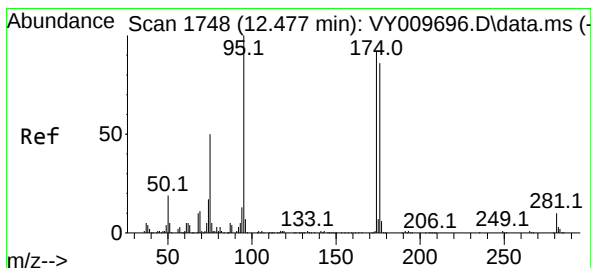
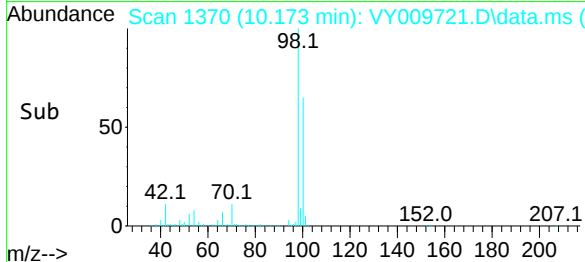
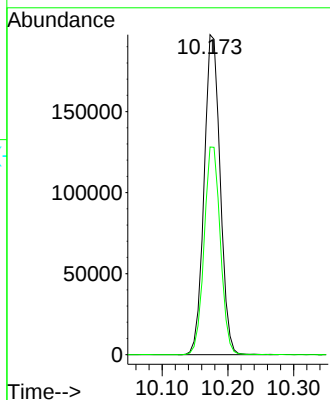
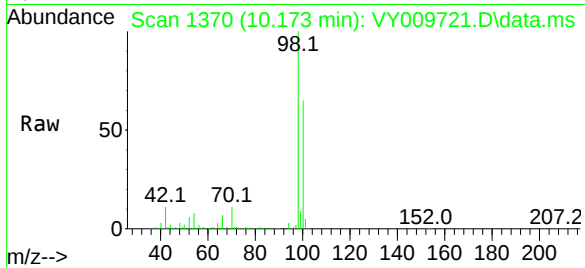




#50
Toluene-d8
Concen: 56.752 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

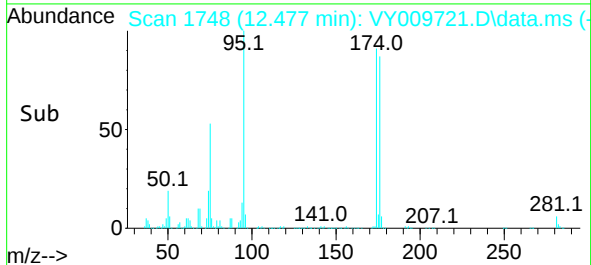
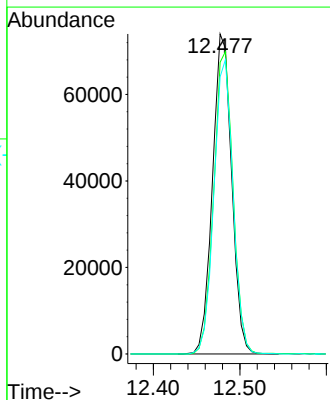
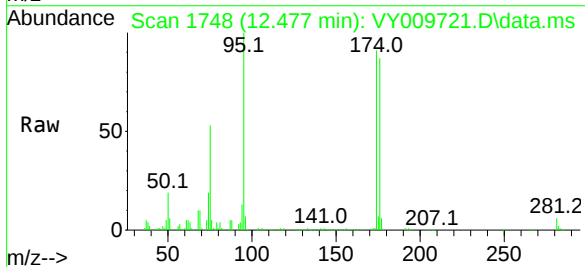
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

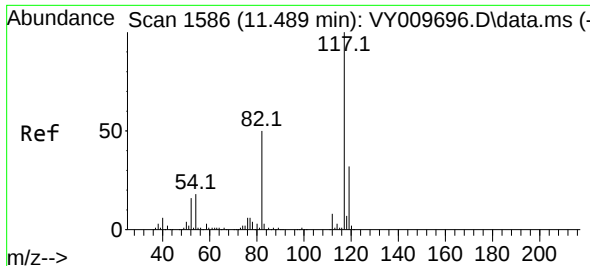
Tgt Ion: 98 Resp: 335409
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.830 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 95 Resp: 113705
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 91.7 0.0 175.8

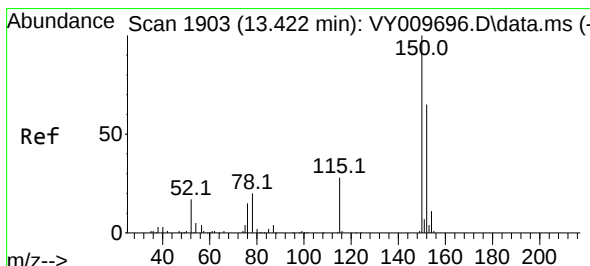
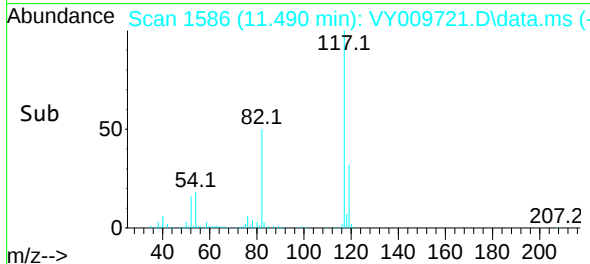
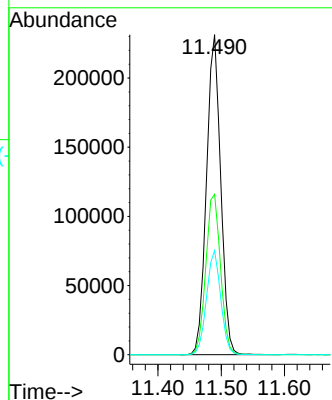
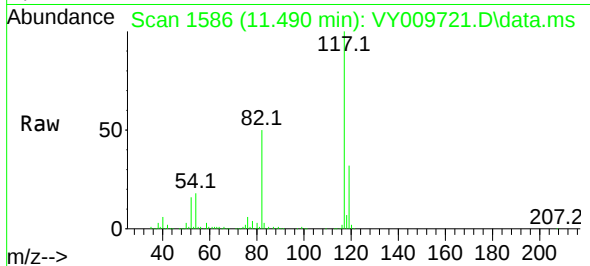




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

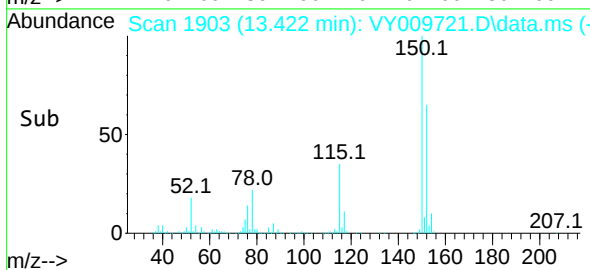
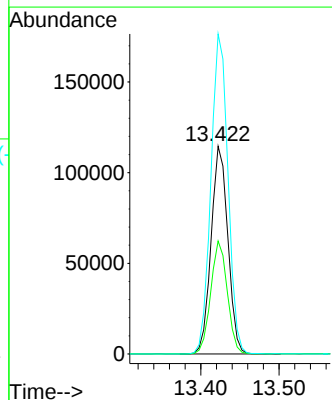
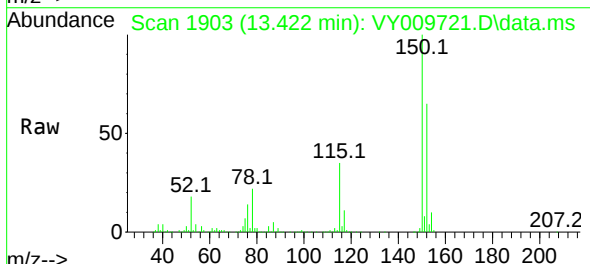
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

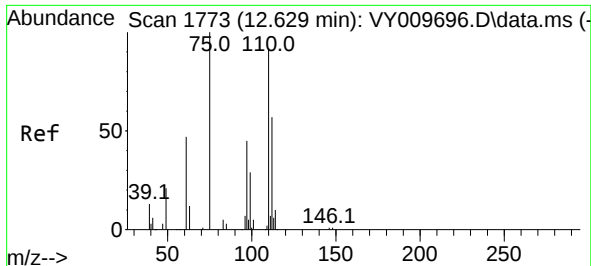
Tgt Ion:117 Resp: 362612
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion:152 Resp: 170213
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 156.7 0.0 347.6

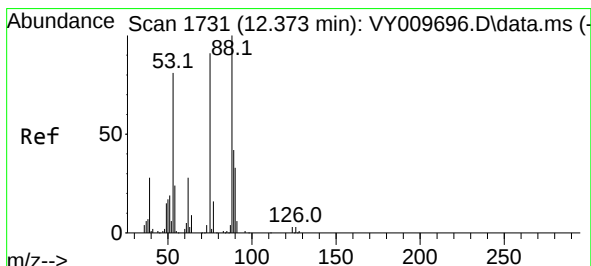
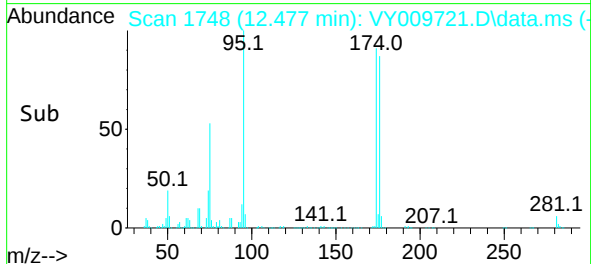
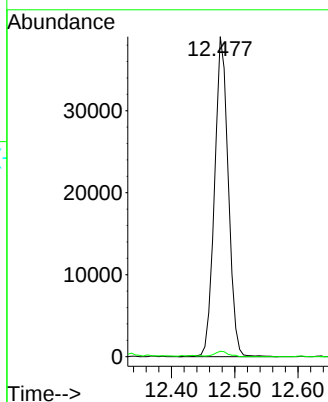
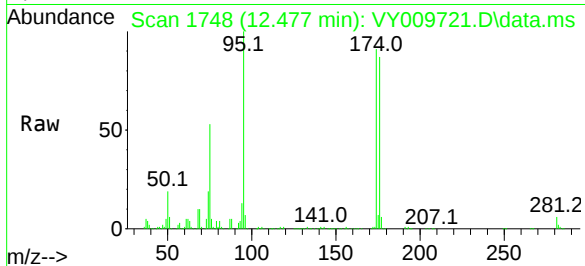




#76
1,2,3-Trichloropropane
Concen: 37.142 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

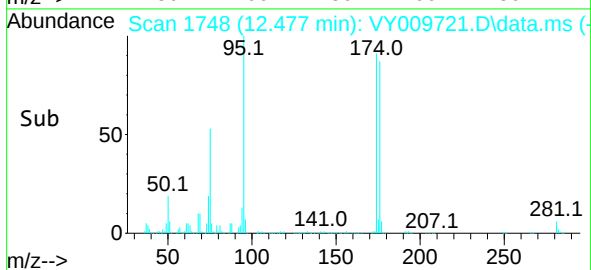
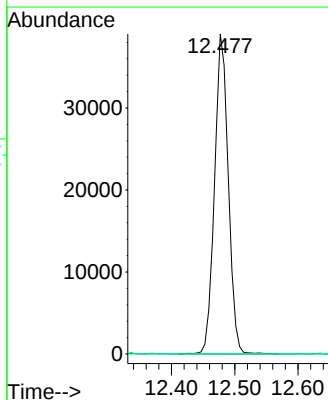
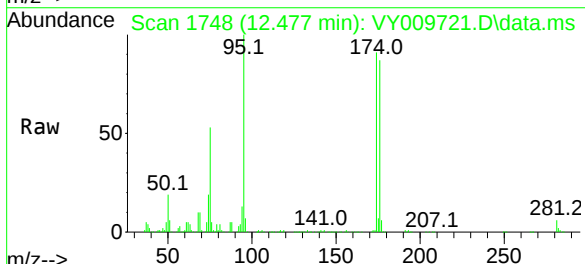
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

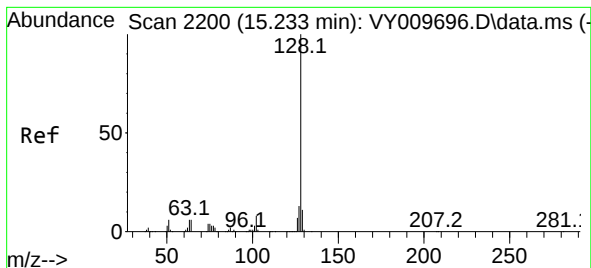
Tgt Ion: 75 Resp: 58722
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.034 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009721.D
Acq: 27 Jul 2022 13:55

Tgt Ion: 75 Resp: 58722
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 37.111 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009721.D

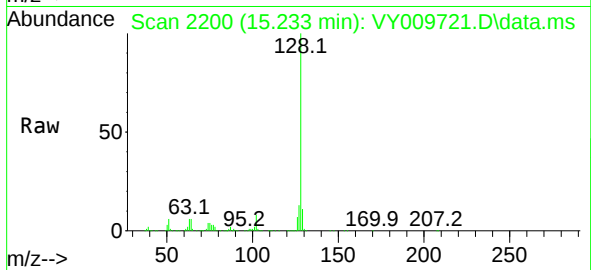
Acq: 27 Jul 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

WH-1



Tgt Ion:128 Resp: 222480

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 11.0 8.4 12.6

