

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009720.D
 Acq On : 27 Jul 2022 13:31
 Operator : KP/MD
 Sample : N3839-05RE
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-WC-1

Quant Time: Jul 28 02:45:11 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)

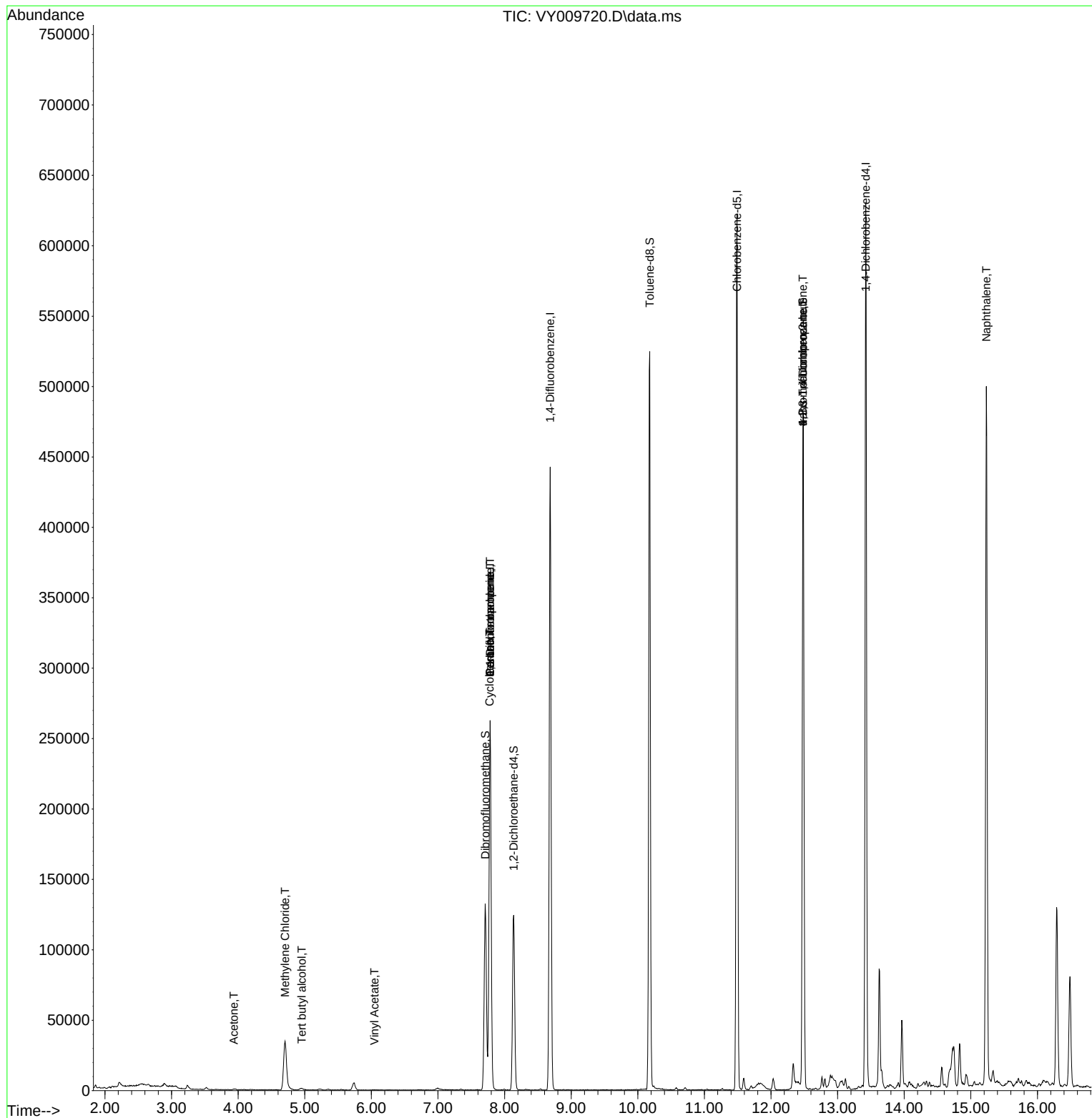
Internal Standards						
1) Pentafluorobenzene	7.783	168	212850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	355301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96330	70.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.140%	
35) Dibromofluoromethane	7.710	113	94165	45.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.000%	
50) Toluene-d8	10.179	98	347913	57.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 115.500%	
62) 4-Bromofluorobenzene	12.477	95	116377	41.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 83.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2363	10.504	ug/l #	90
16) Acetone	3.936	43	1079	2.120	ug/l #	83
18) Methyl Acetate	4.460	43	297	Below Cal	#	56
20) Methylene Chloride	4.704	84	26989	1.692	ug/l #	82
23) Vinyl Acetate	6.045	43	22	7.479	ug/l #	75
31) Cyclohexane	7.777	56	3691	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14352	4.215	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18646	5.111	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	58644	36.598	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58644	72.951	ug/l #	7
95) Naphthalene	15.233	128	417533	68.720	ug/l	98

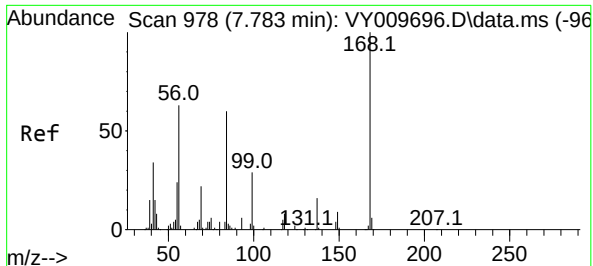
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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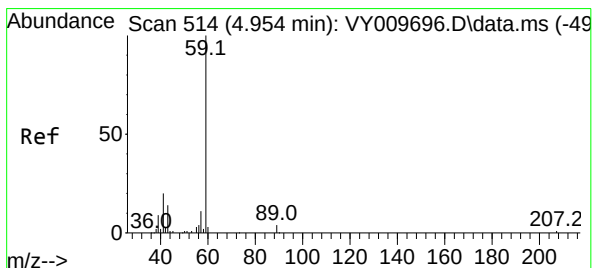
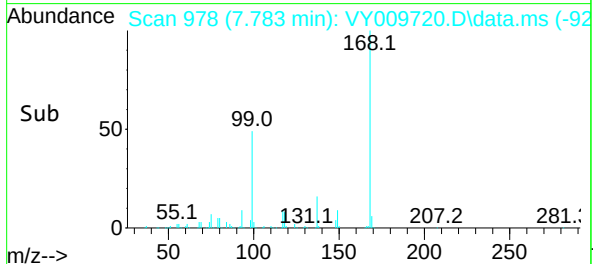
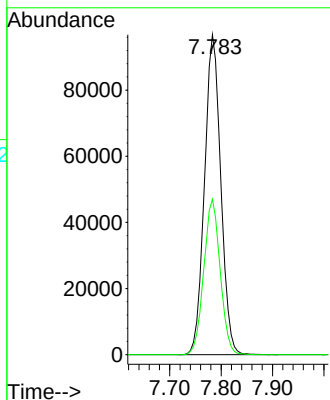
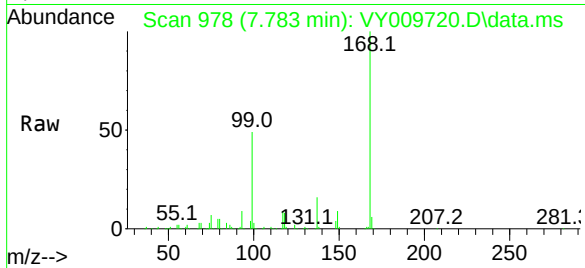




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

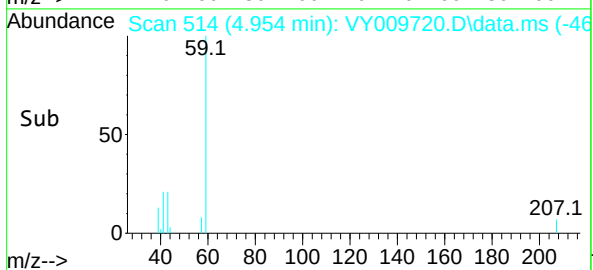
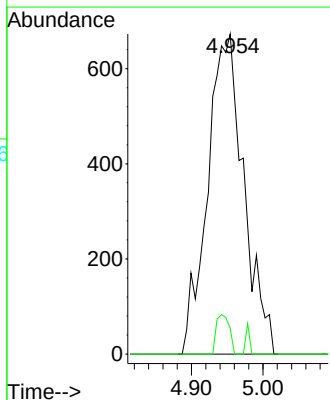
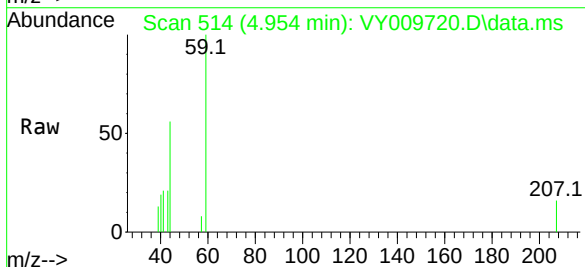
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

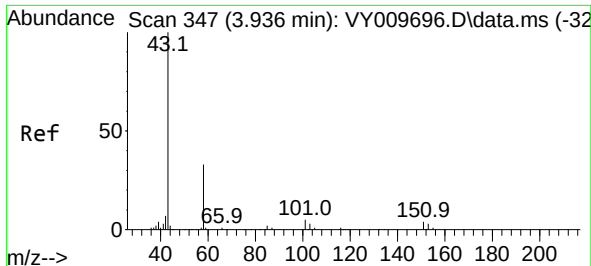
Tgt Ion:168 Resp: 212850
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 10.504 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 59 Resp: 2363
Ion Ratio Lower Upper
59 100
57 4.4 6.4 9.6#





#16

Acetone

Concen: 2.120 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY009720.D

Acq: 27 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

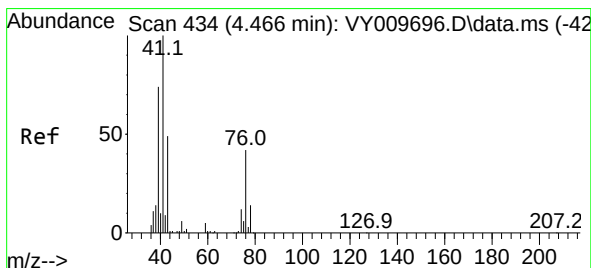
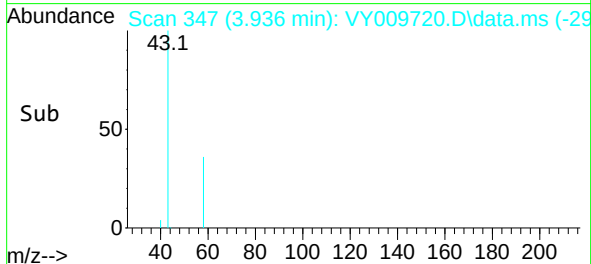
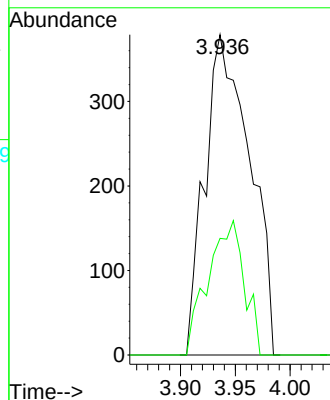
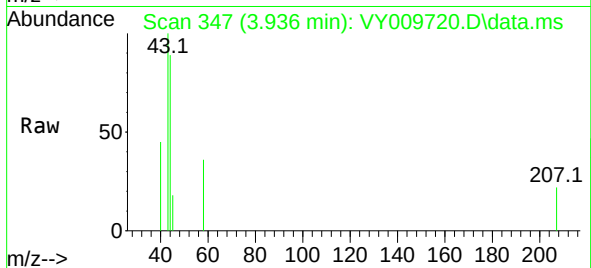
ENV-DE-WC-1

Tgt Ion: 43 Resp: 1079

Ion Ratio Lower Upper

43 100

58 36.4 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY009720.D

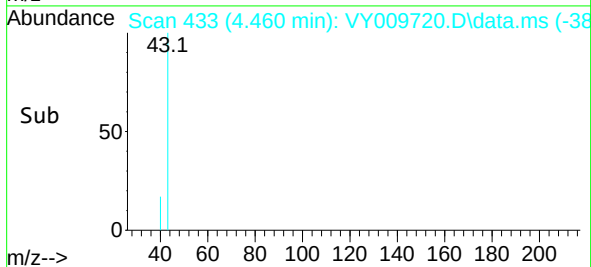
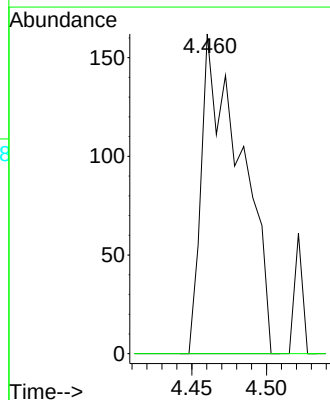
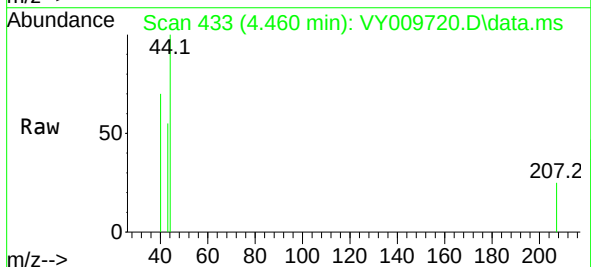
Acq: 27 Jul 2022 13:31

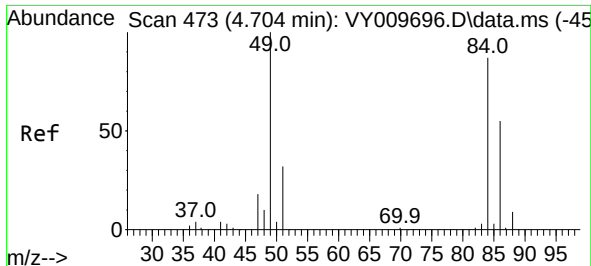
Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

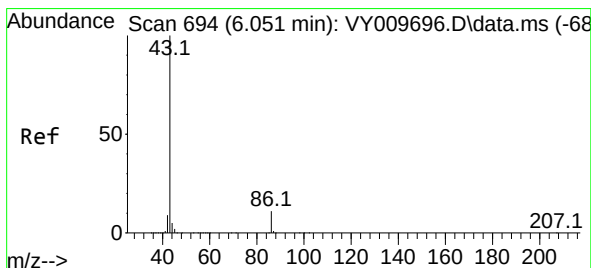
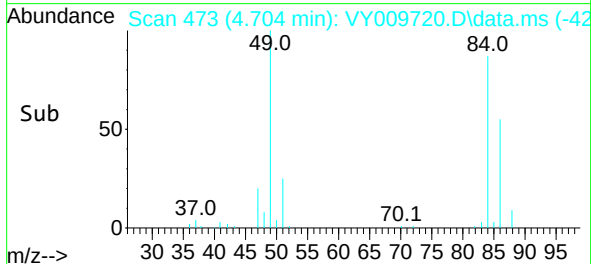
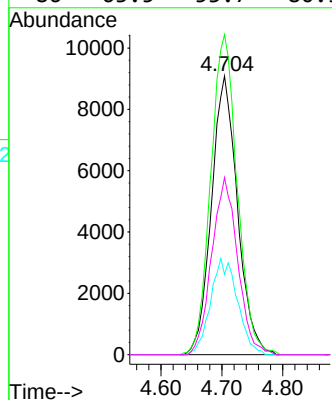
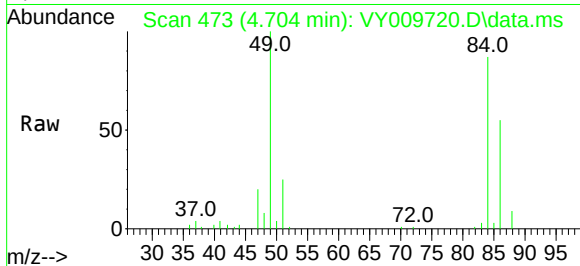




#20
Methylene Chloride
Concen: 1.692 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

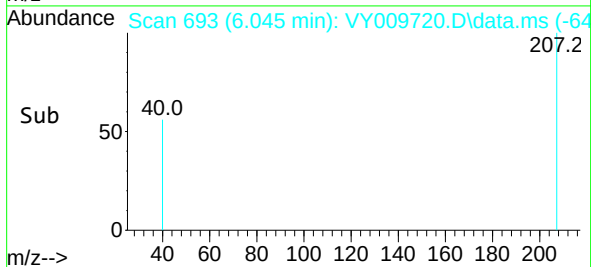
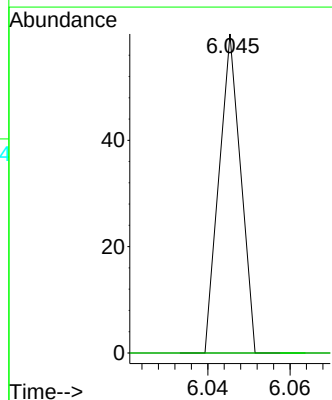
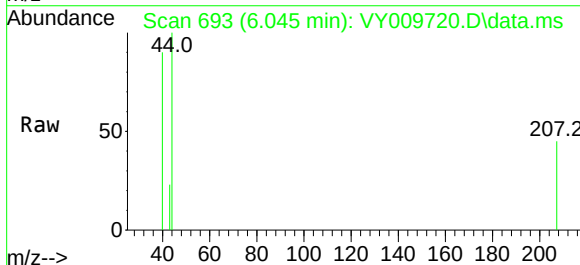
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

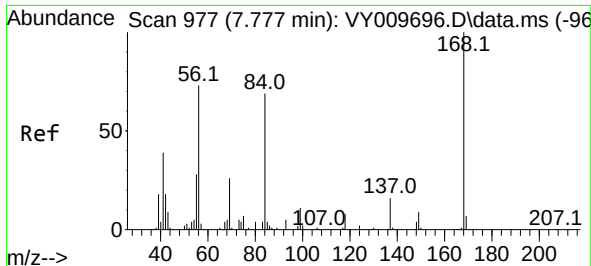
Tgt Ion:	84	Resp:	26989
Ion	Ratio	Lower	Upper
84	100		
49	114.8	114.4	171.6
51	28.8	35.3	52.9#
86	63.5	53.7	80.5



#23
Vinyl Acetate
Concen: 7.479 ug/l
RT: 6.045 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion:	43	Resp:	22
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

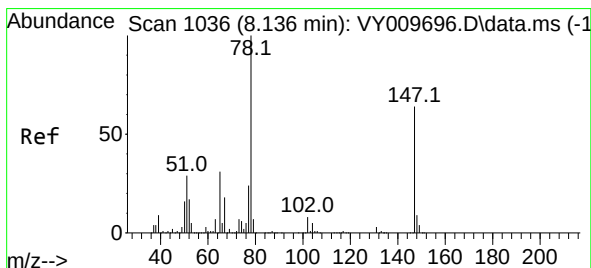
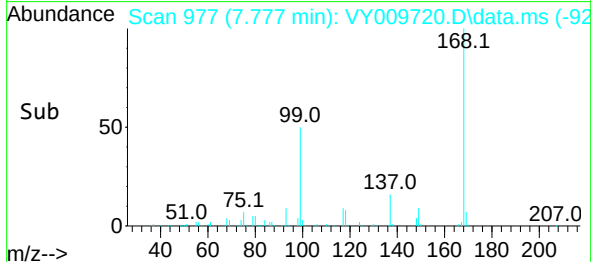
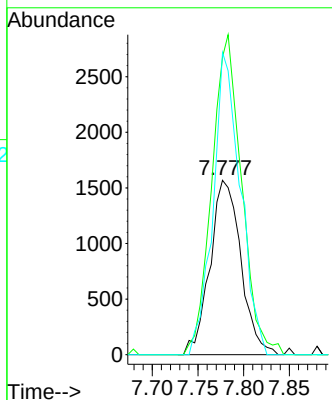
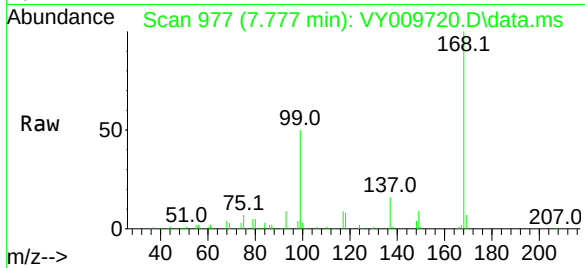




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

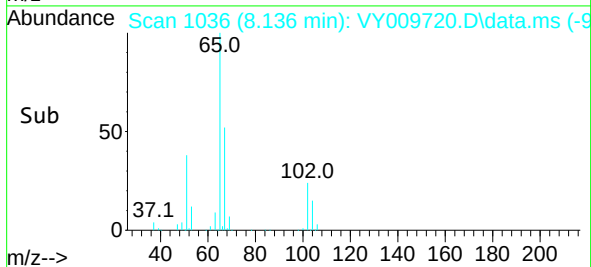
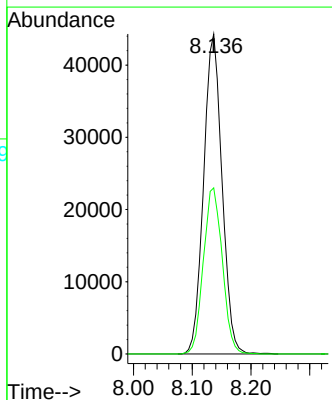
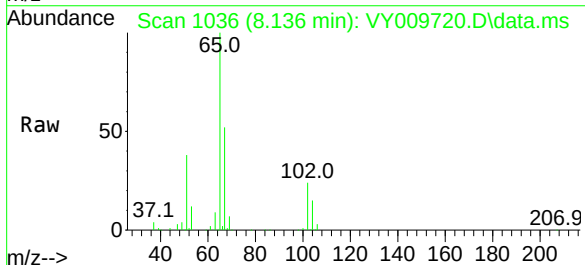
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

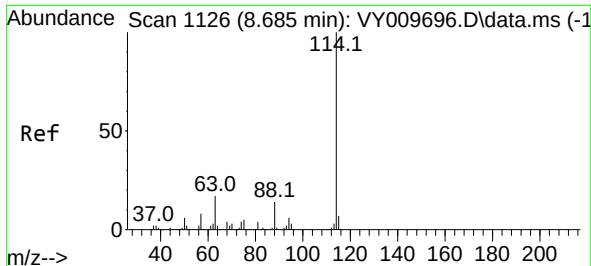
Tgt Ion: 56 Resp: 3691
Ion Ratio Lower Upper
56 100
69 170.7 26.7 40.1#
84 173.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 70.066 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 65 Resp: 96330
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009720.D

Acq: 27 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

ENV-DE-WC-1

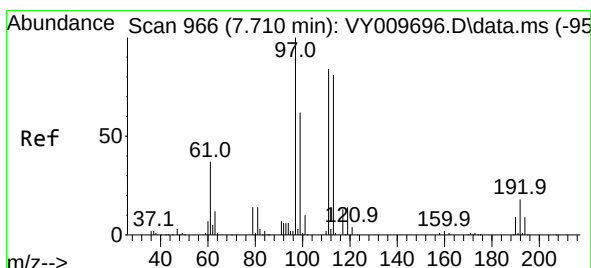
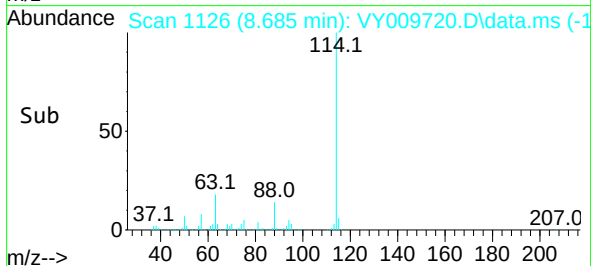
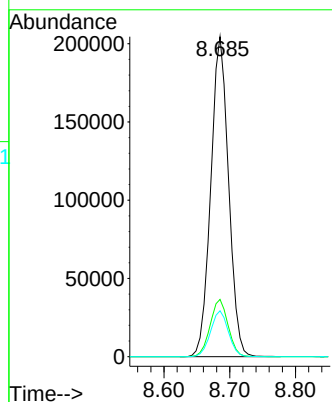
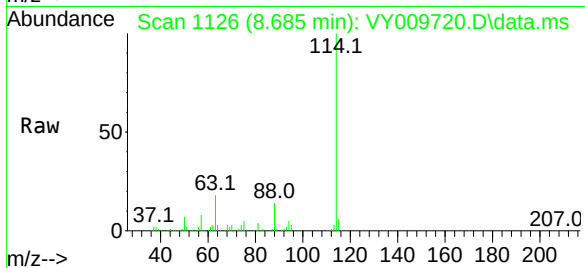
Tgt Ion:114 Resp: 384749

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.000 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009720.D

Acq: 27 Jul 2022 13:31

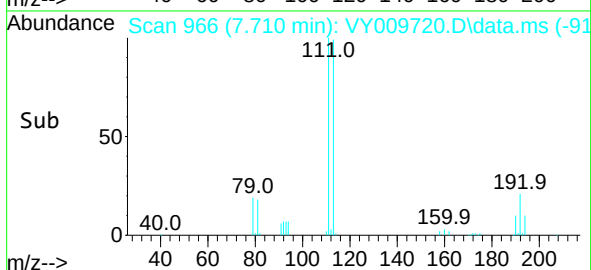
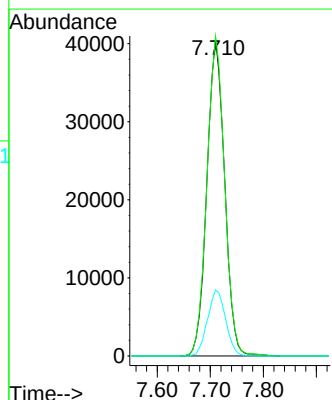
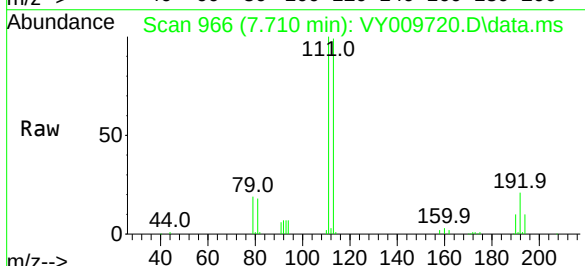
Tgt Ion:113 Resp: 94165

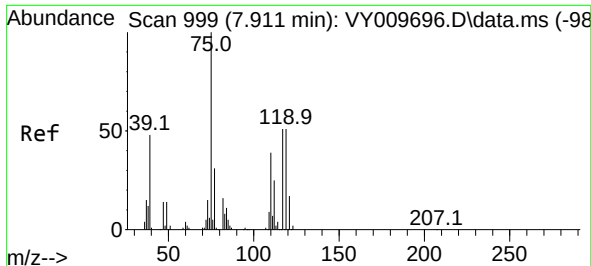
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 21.2 17.6 26.4

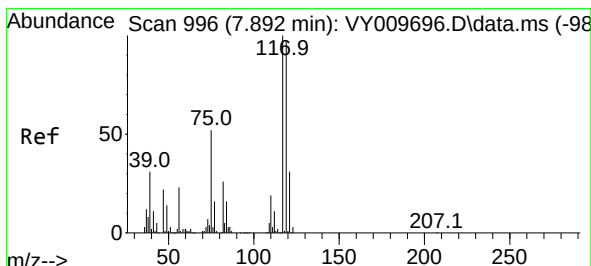
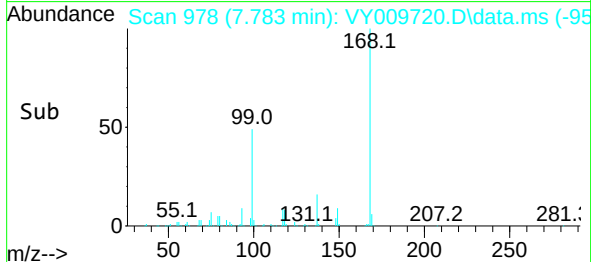
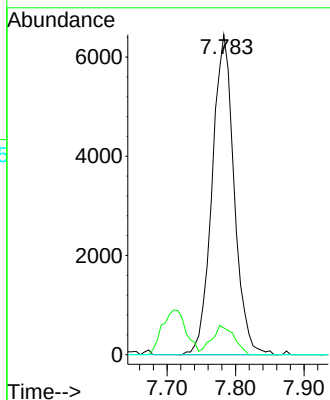
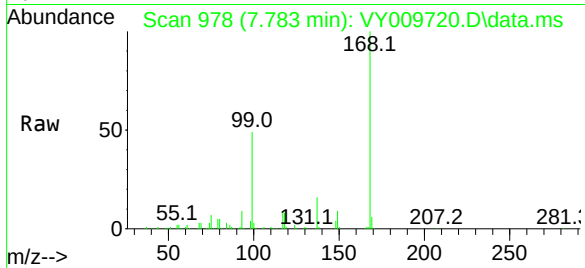




#36
 1,1-Dichloropropene
 Concen: 4.215 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009720.D
 Acq: 27 Jul 2022 13:31

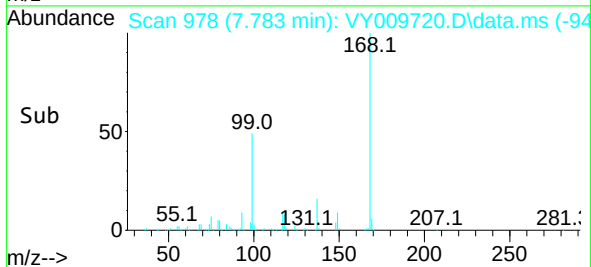
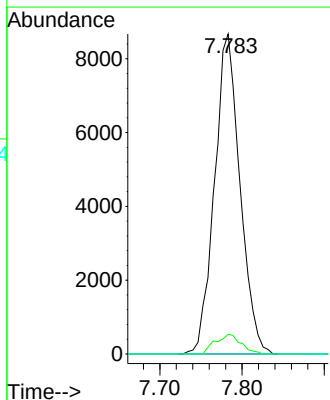
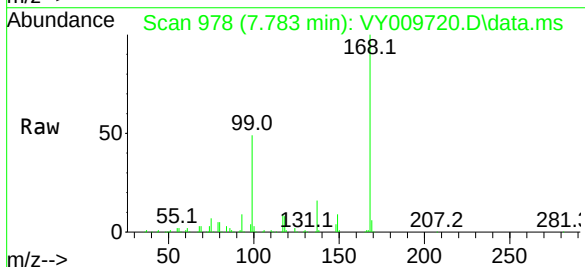
Instrument :
 MSVOA_Y
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 ENV-DE-WC-1

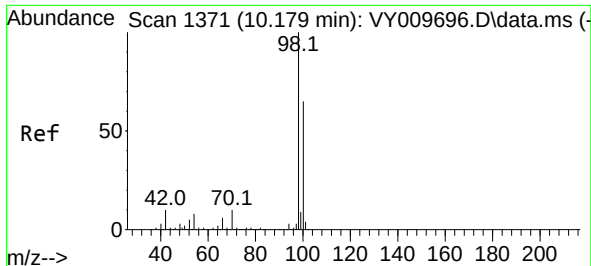
Tgt Ion: 75 Resp: 14352
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.111 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY009720.D
 Acq: 27 Jul 2022 13:31

Tgt Ion: 117 Resp: 18646
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.9 116.9#
 121 0.0 24.8 37.2#

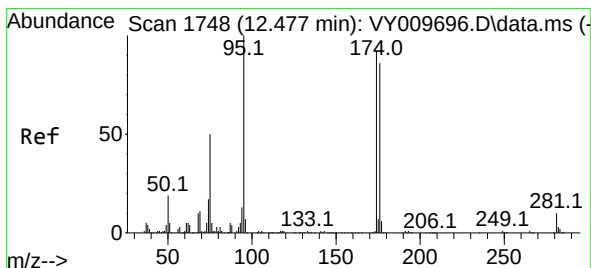
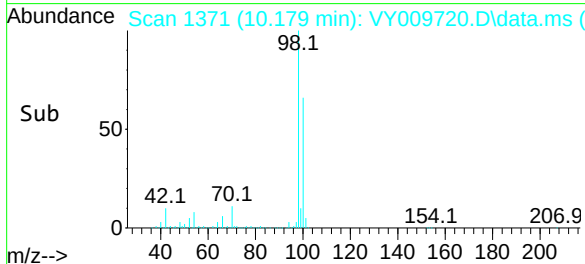
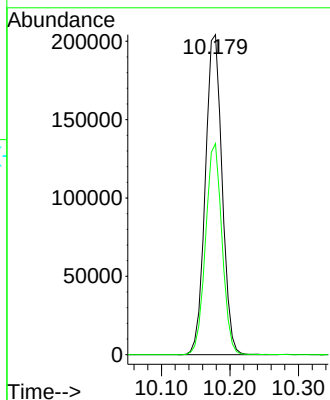
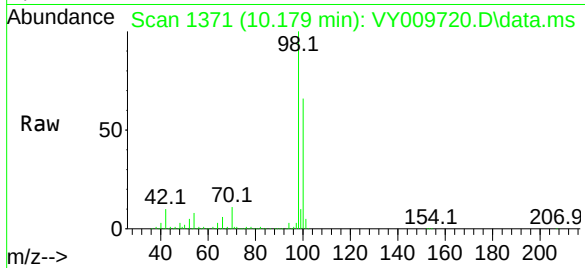




#50
Toluene-d8
Concen: 57.746 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

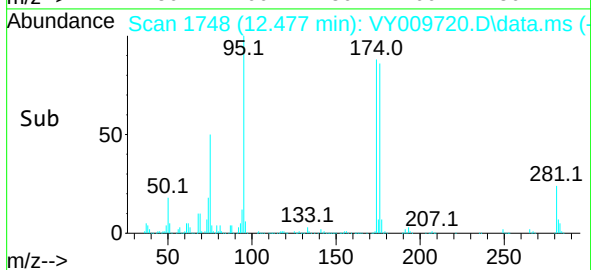
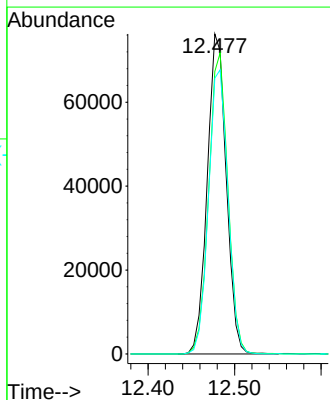
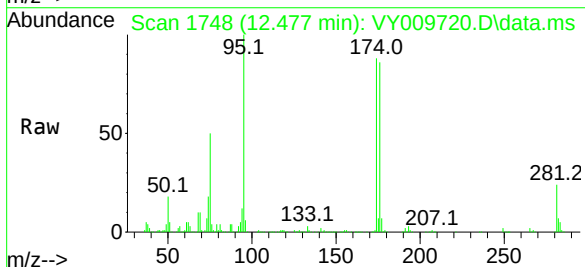
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

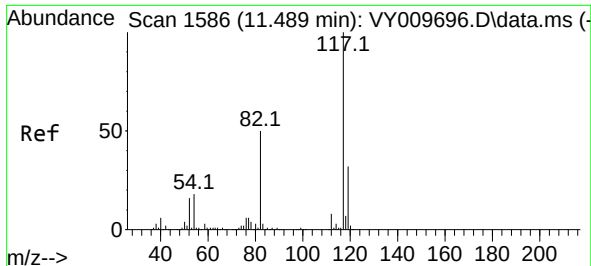
Tgt Ion: 98 Resp: 347913
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.942 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 95 Resp: 116377
Ion Ratio Lower Upper
95 100
174 94.5 0.0 177.0
176 91.0 0.0 175.8

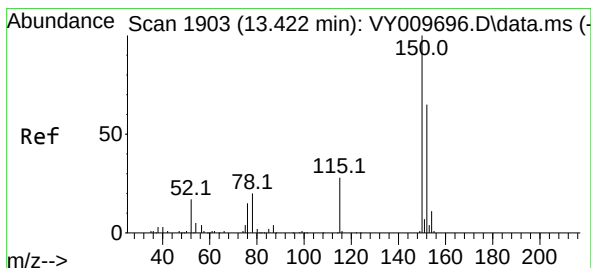
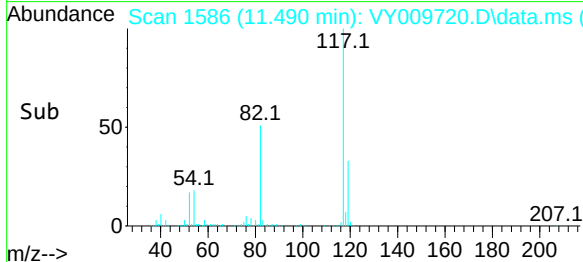
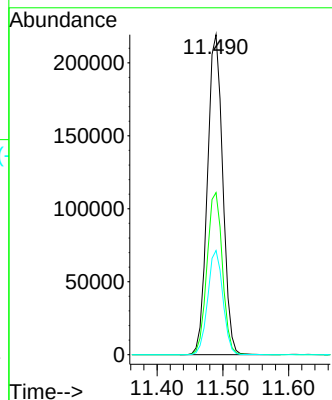
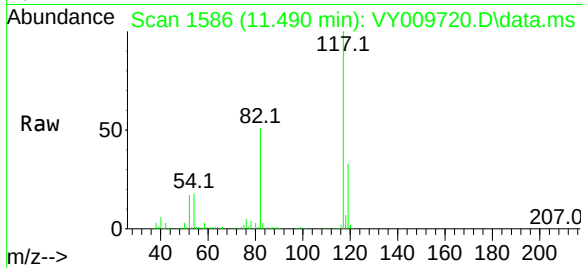




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

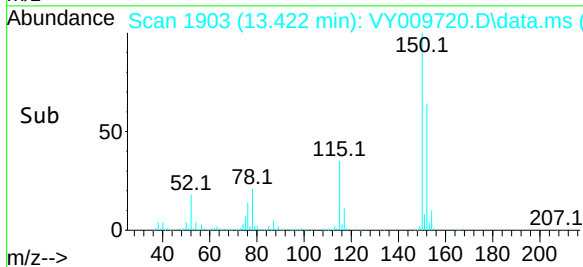
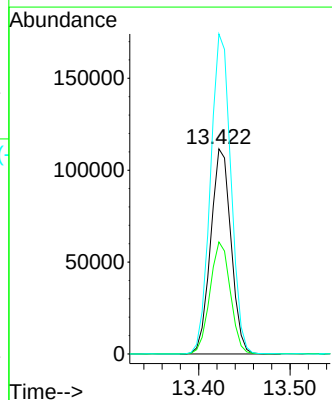
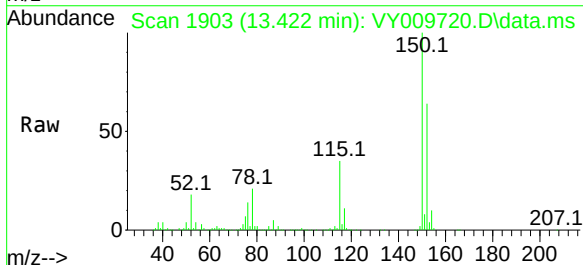
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

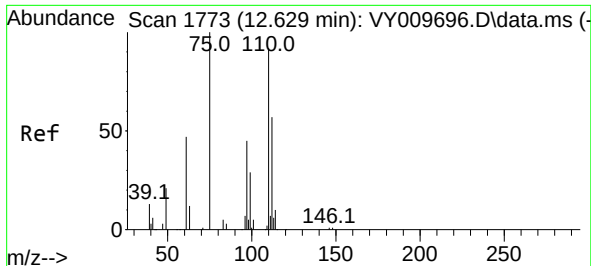
Tgt Ion:117 Resp: 355301
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion:152 Resp: 172510
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 156.6 0.0 347.6

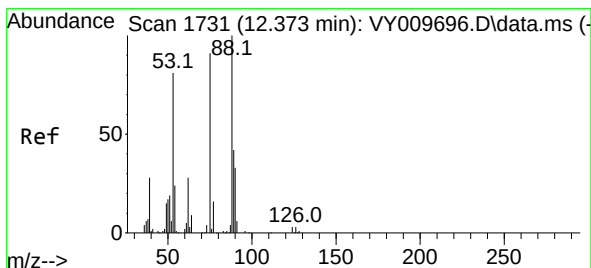
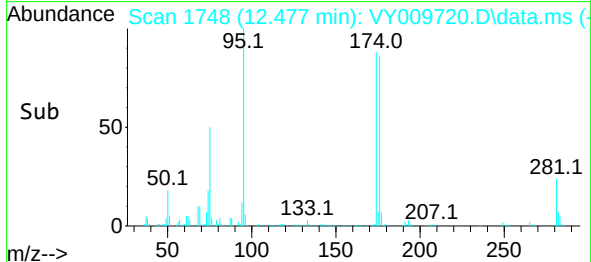
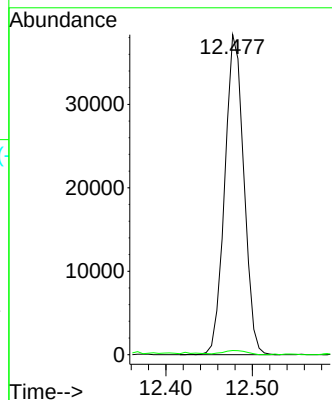
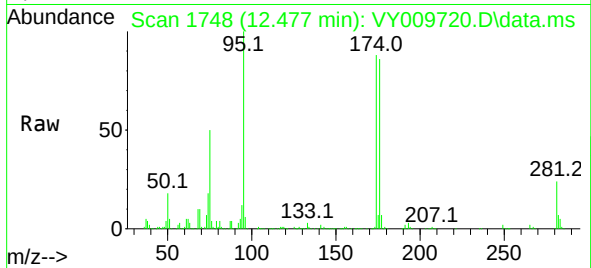




#76
1,2,3-Trichloropropane
Concen: 36.598 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

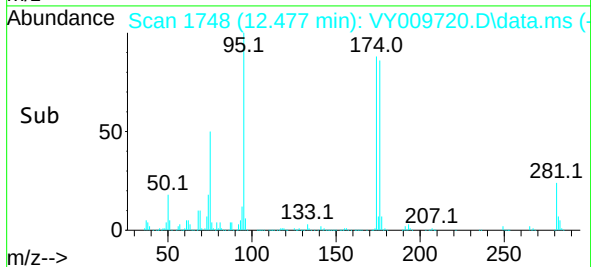
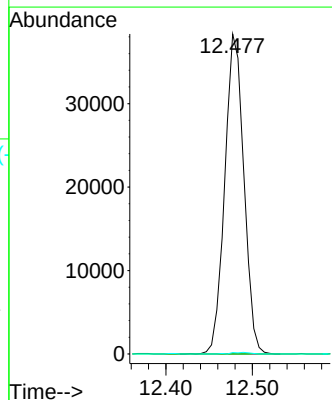
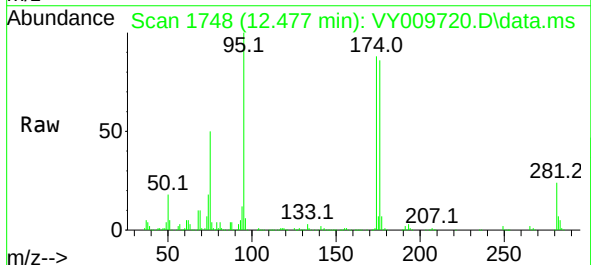
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

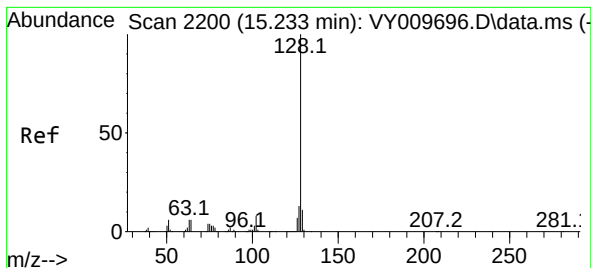
Tgt Ion: 75 Resp: 58644
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.951 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009720.D
Acq: 27 Jul 2022 13:31

Tgt Ion: 75 Resp: 58644
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 68.720 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009720.D

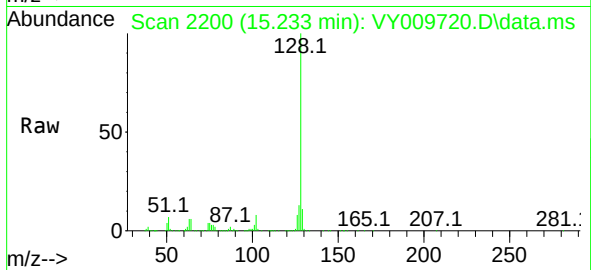
Acq: 27 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

ENV-DE-WC-1



Tgt Ion:128 Resp: 417533

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.0 8.4 12.6

