

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009709.D
 Acq On : 26 Jul 2022 18:41
 Operator : KP/MD
 Sample : N3886-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WH-1

Quant Time: Jul 27 04:27:38 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)

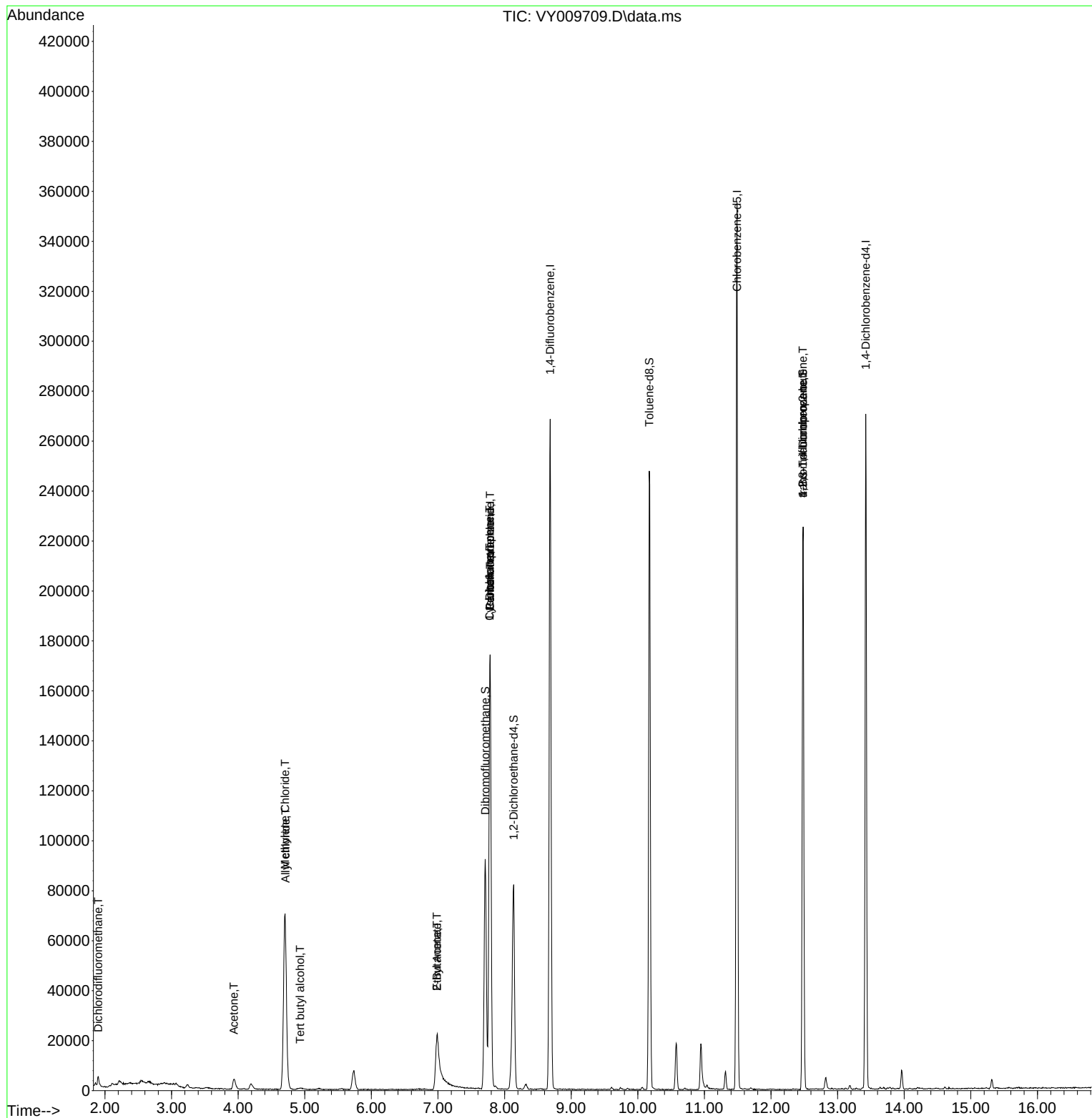
Internal Standards						
1) Pentafluorobenzene	7.783	168	145219	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	237134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57643	60.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.500%
35) Dibromofluoromethane	7.710	113	64021	49.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.173	98	168907	44.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.477	95	62271	36.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	72.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	3142	2.430	ug/l	100
11) Tert butyl alcohol	4.930	59	836	5.054	ug/l	# 77
14) Allyl chloride	4.710	41	2516	1.290	ug/l	# 22
16) Acetone	3.936	43	7564	21.785	ug/l	99
18) Methyl Acetate	4.558	43	20	Below Cal	#	56
20) Methylene Chloride	4.704	84	53635	27.898	ug/l	86
25) 2-Butanone	6.984	43	2737	5.343	ug/l	97
31) Cyclohexane	7.777	56	2628	1.137	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	10085	4.806	ug/l	# 50
37) Ethyl Acetate	6.984	43	2737	2.201	ug/l	# 64
38) Carbon Tetrachloride	7.783	117	13299	5.914	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	32240	48.258	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	32240	96.193	ug/l	# 7

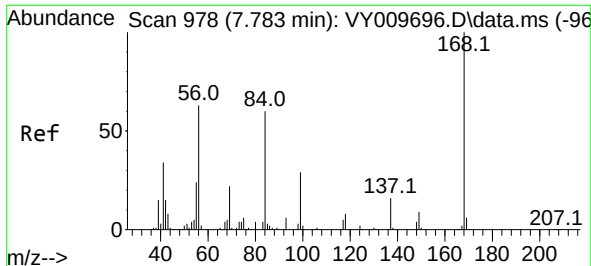
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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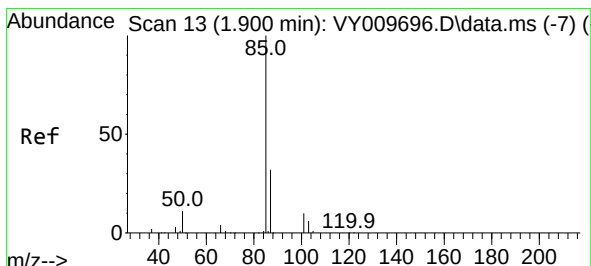
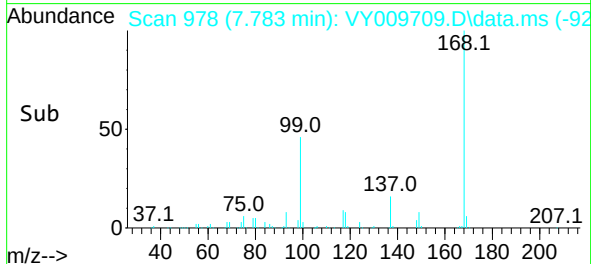
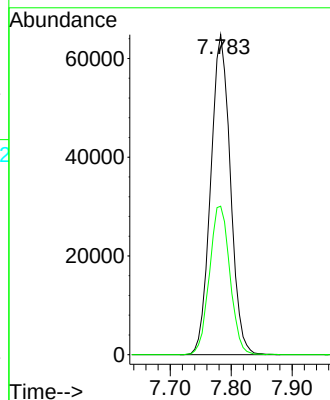
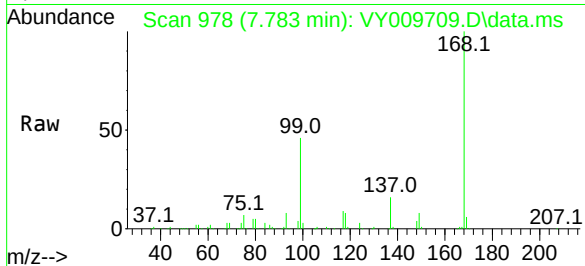




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

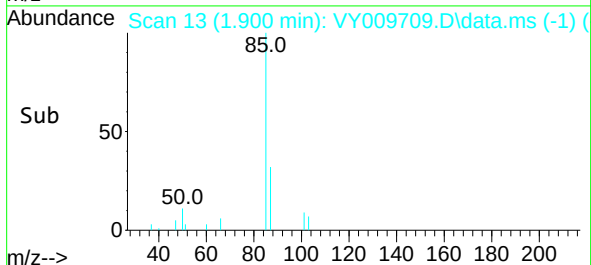
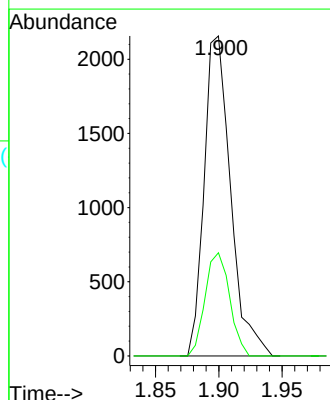
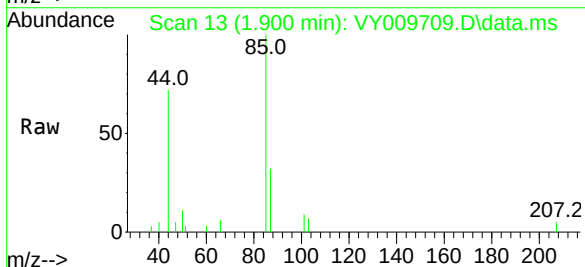
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

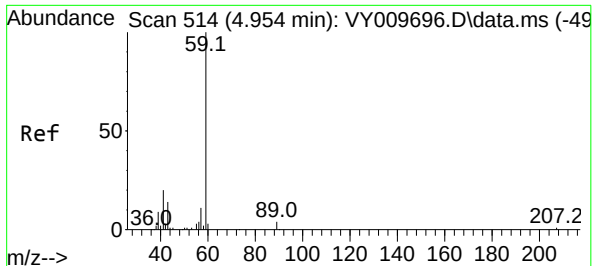
Tgt Ion:168 Resp: 145219
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 2.430 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 85 Resp: 3142
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

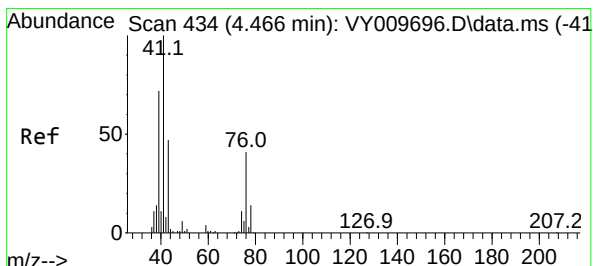
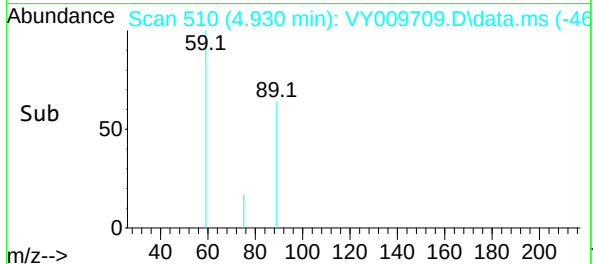
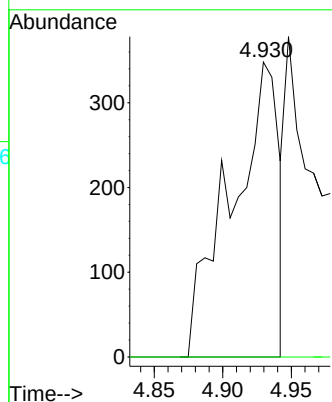
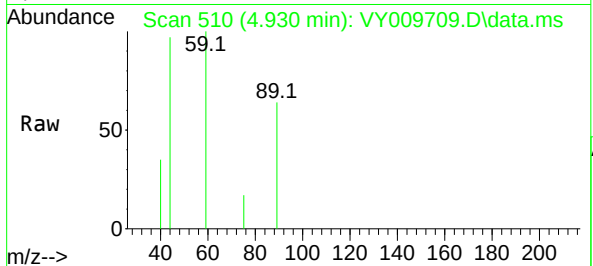




#11
Tert butyl alcohol
Concen: 5.054 ug/l
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

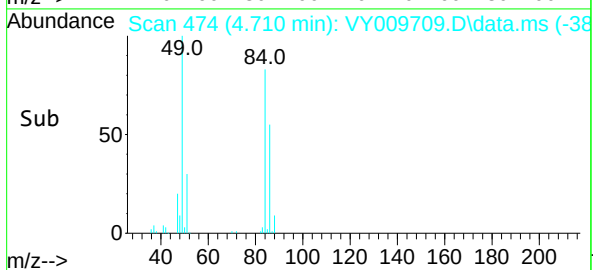
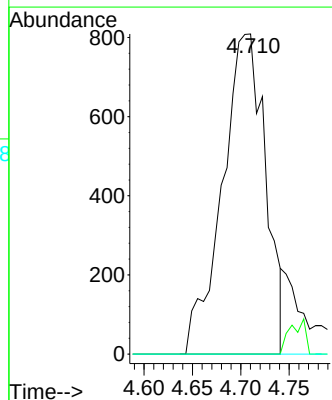
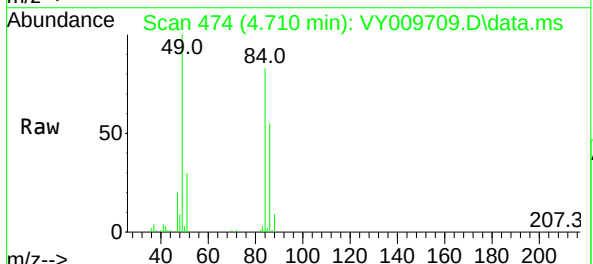
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

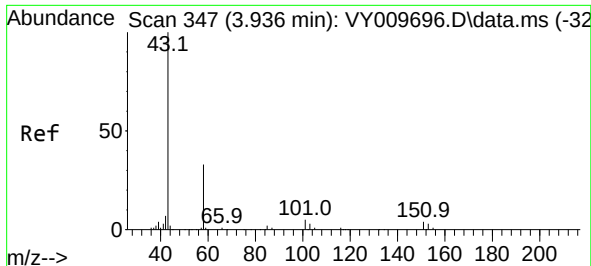
Tgt Ion: 59 Resp: 836
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#14
Allyl chloride
Concen: 1.290 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.244 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 41 Resp: 2516
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 25.1 37.7#

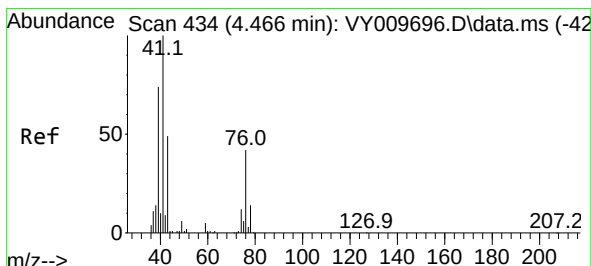
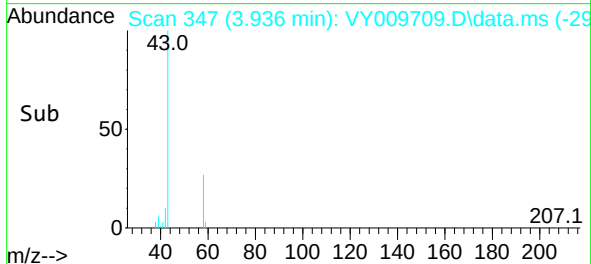
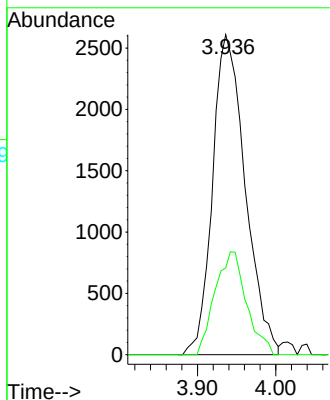
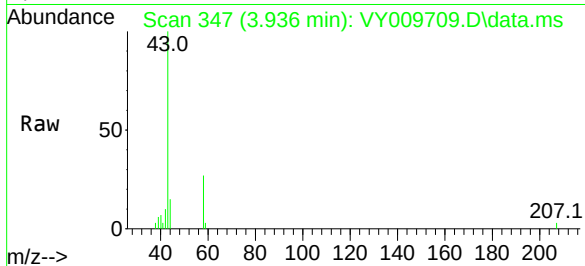




#16
Acetone
Concen: 21.785 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

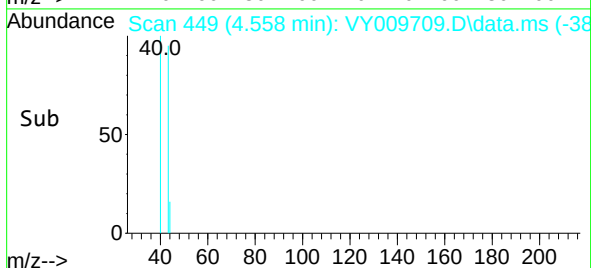
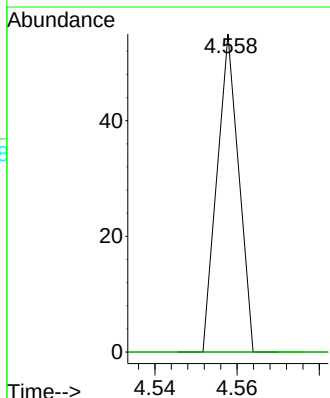
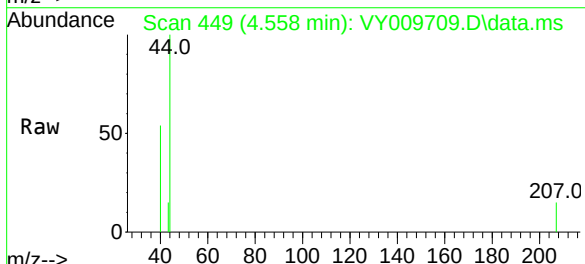
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

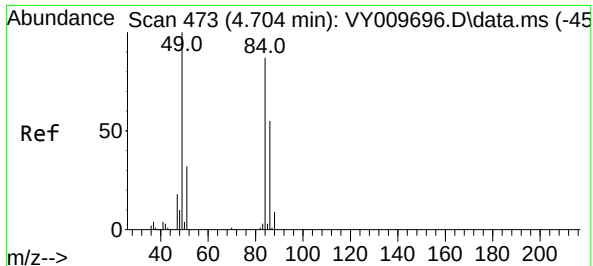
Tgt Ion: 43 Resp: 7564
Ion Ratio Lower Upper
43 100
58 27.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.558 min Scan# 449
Delta R.T. 0.092 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

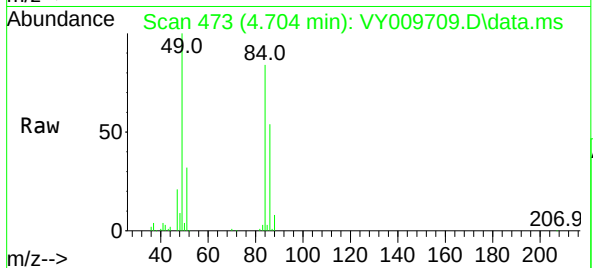
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



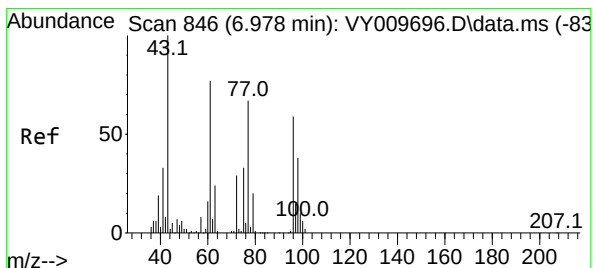
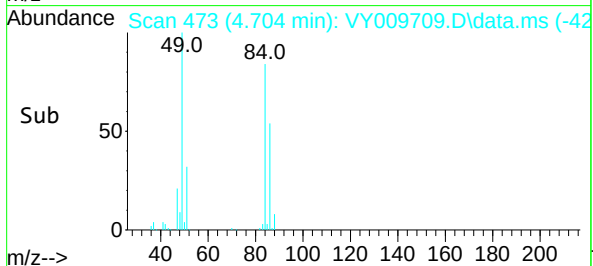
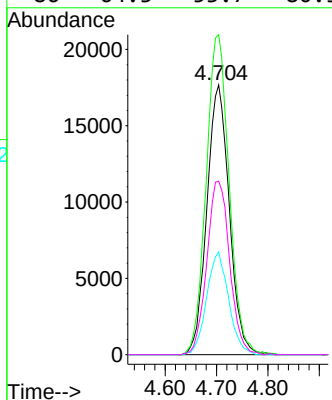


#20
Methylene Chloride
Concen: 27.898 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
WH-1

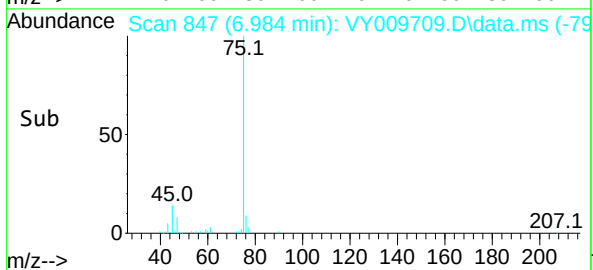
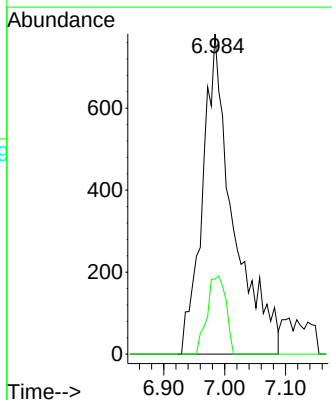
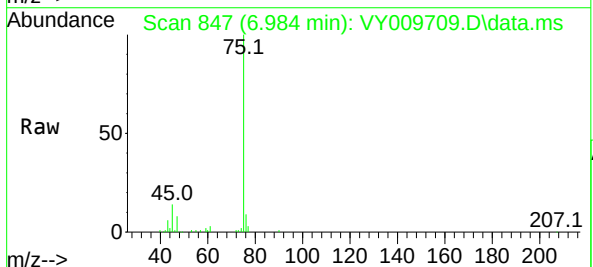


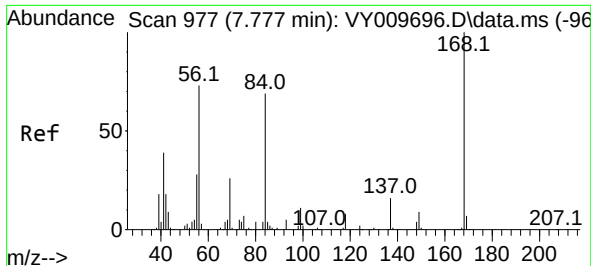
Tgt Ion:	84	Resp:	53635
Ion	Ratio	Lower	Upper
84	100		
49	118.6	114.4	171.6
51	38.1	35.3	52.9
86	64.3	53.7	80.5



#25
2-Butanone
Concen: 5.343 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion:	43	Resp:	2737
Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.7	26.5

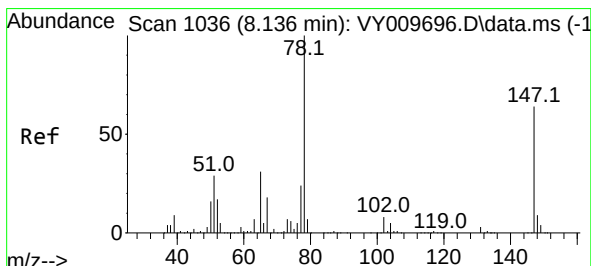
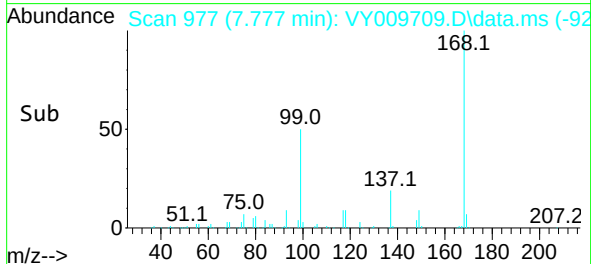
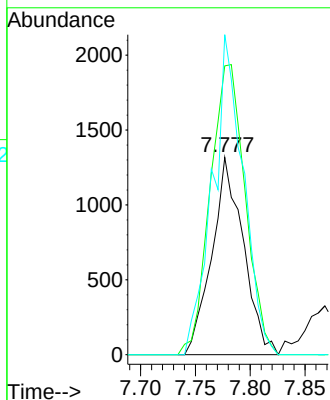
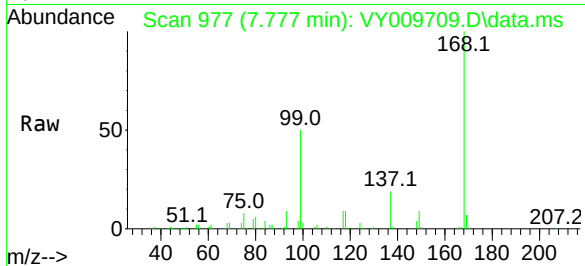




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

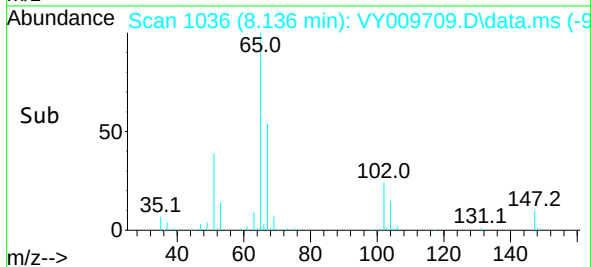
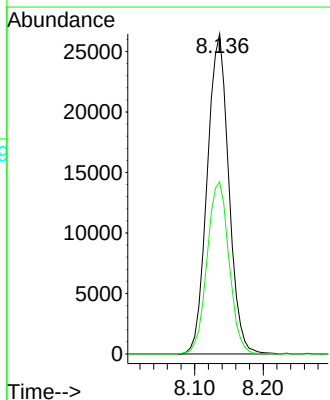
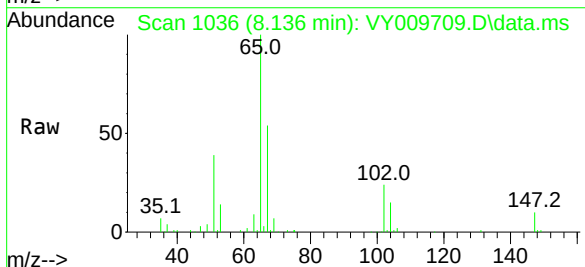
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

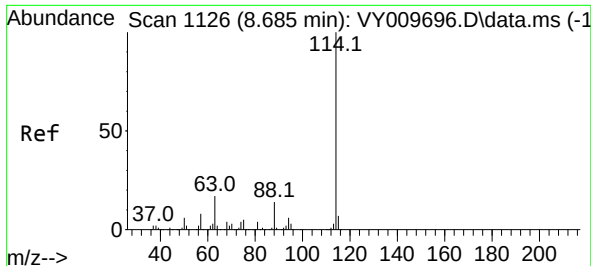
Tgt Ion: 56 Resp: 2628
Ion Ratio Lower Upper
56 100
69 146.4 26.7 40.1#
84 162.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.746 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 65 Resp: 57643
Ion Ratio Lower Upper
65 100
67 54.7 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: VY009709.D

Acq: 26 Jul 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

WH-1

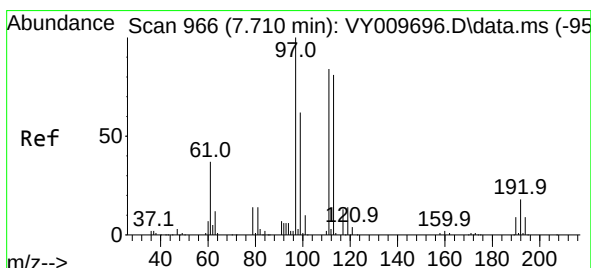
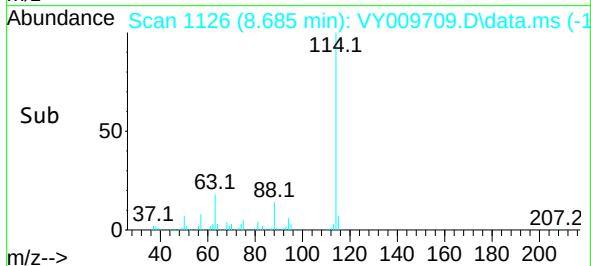
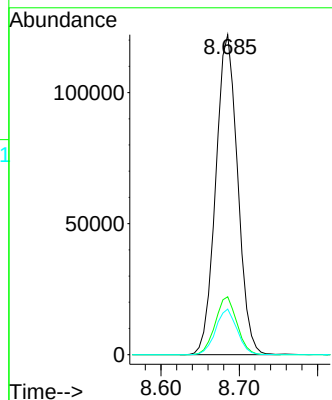
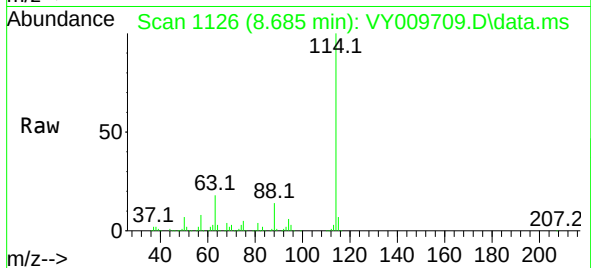
Tgt Ion:114 Resp: 237134

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.640 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009709.D

Acq: 26 Jul 2022 18:41

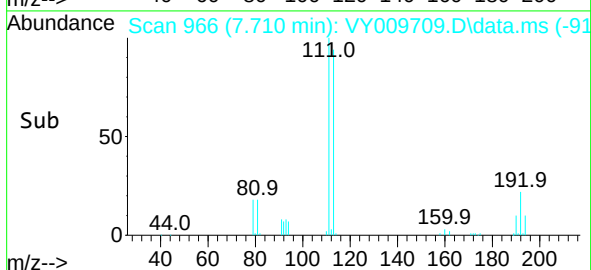
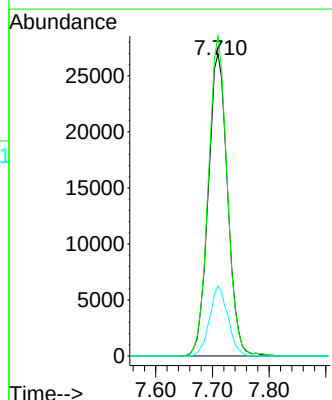
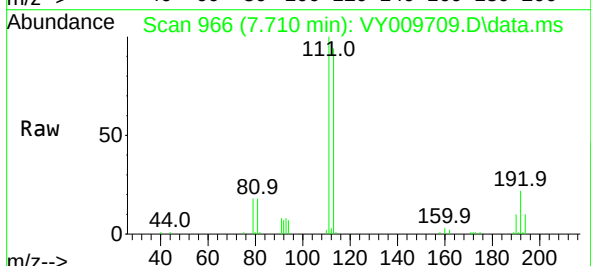
Tgt Ion:113 Resp: 64021

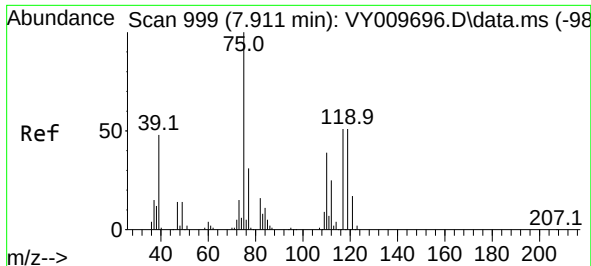
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.9 17.6 26.4

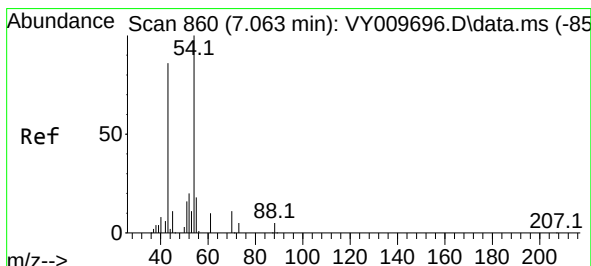
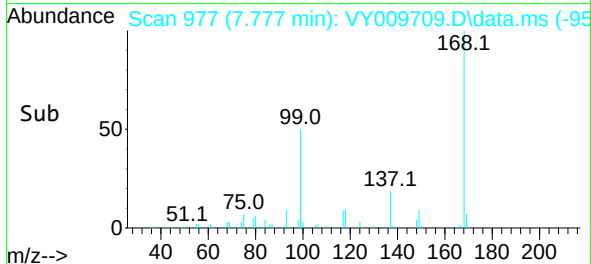
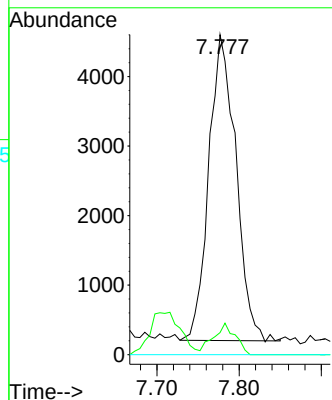
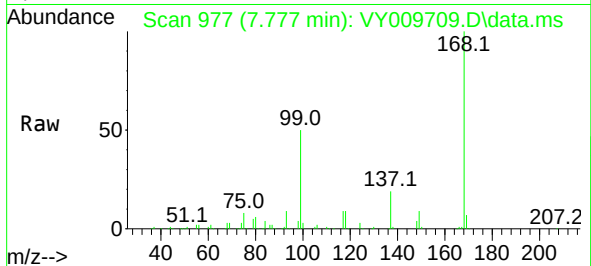




#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

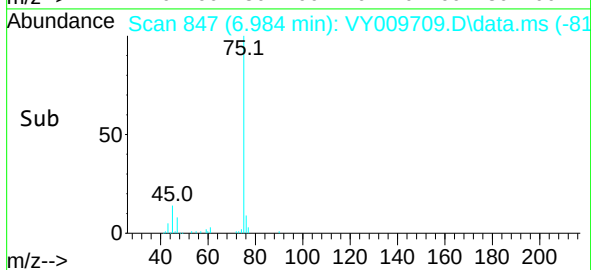
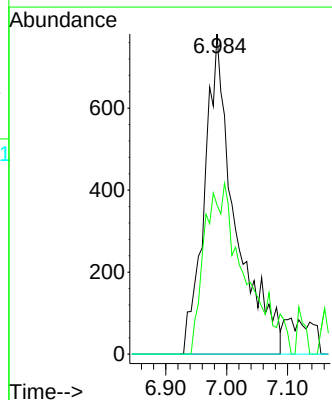
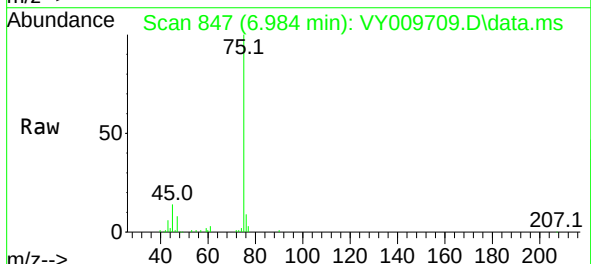
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

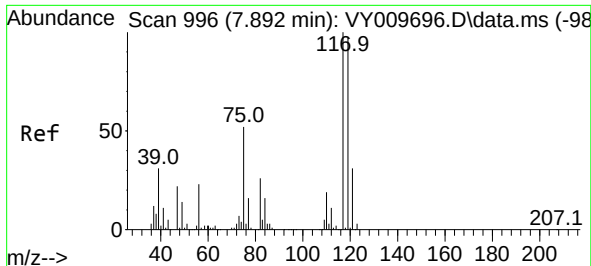
Tgt Ion: 75 Resp: 10085
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.201 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 43 Resp: 2737
Ion Ratio Lower Upper
43 100
61 29.5 9.7 14.5#
70 0.0 7.1 10.7#

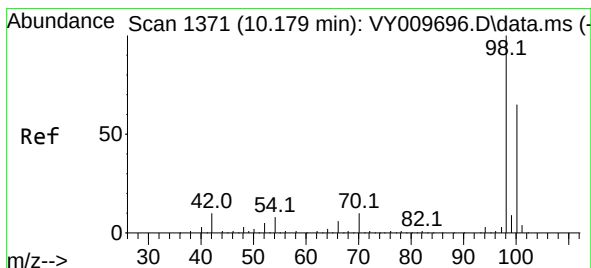
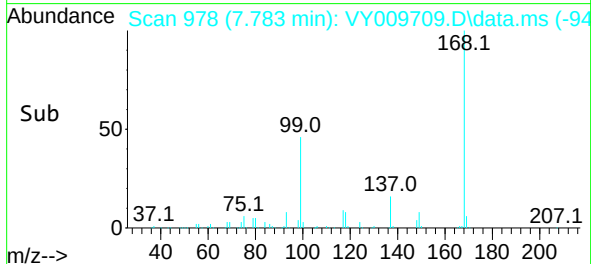
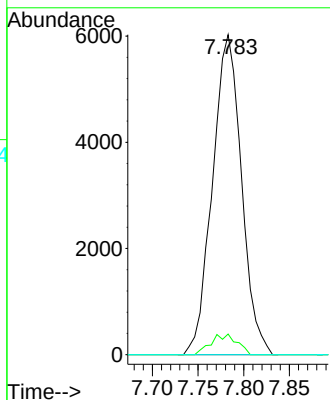
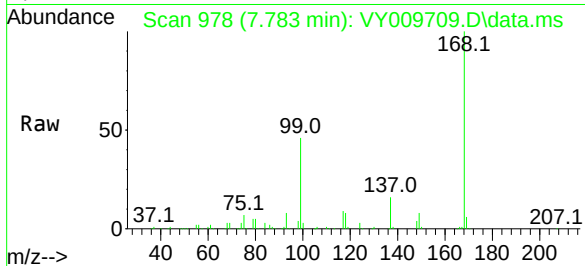




#38
Carbon Tetrachloride
Concen: 5.914 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

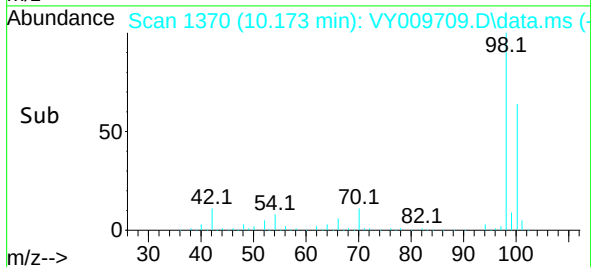
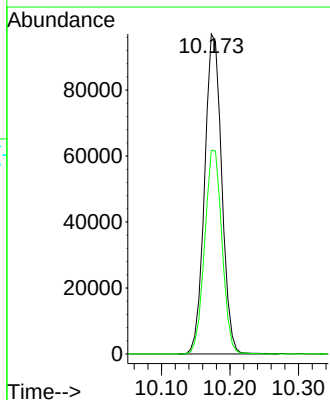
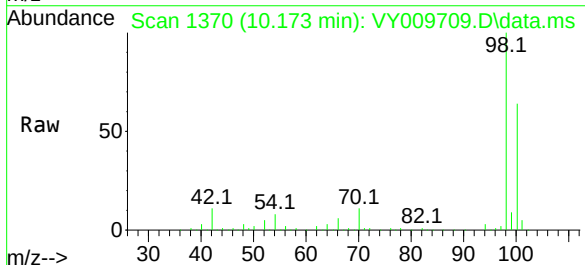
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

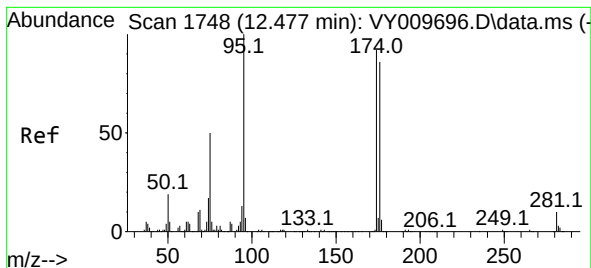
Tgt Ion:117 Resp: 13299
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.502 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 98 Resp: 168907
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

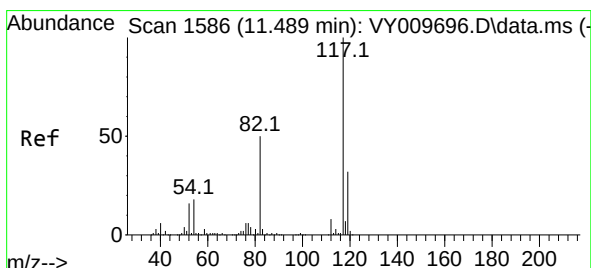
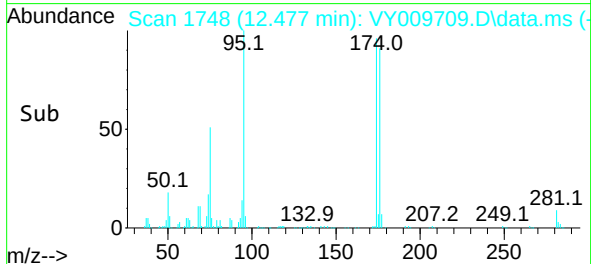
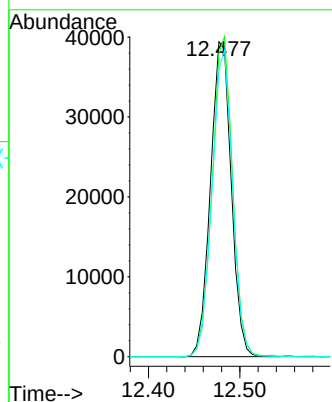
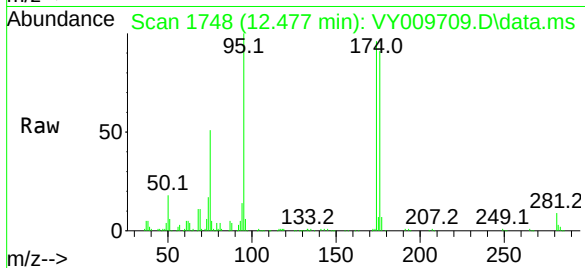




#62
4-Bromofluorobenzene
Concen: 36.413 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

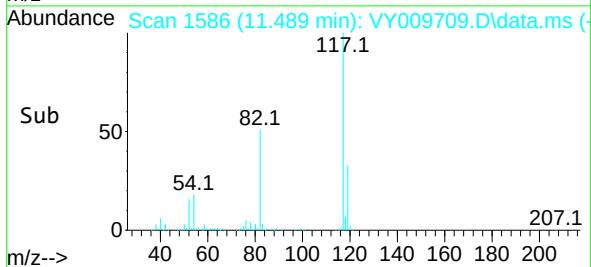
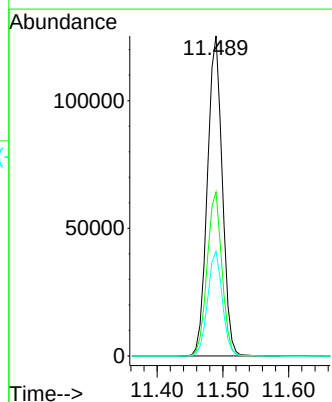
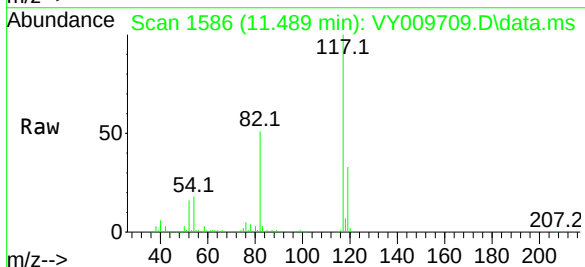
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

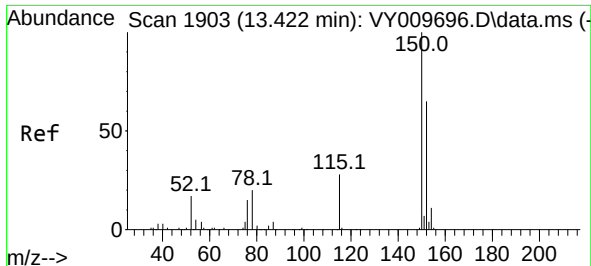
Tgt Ion: 95 Resp: 62271
Ion Ratio Lower Upper
95 100
174 100.3 0.0 177.0
176 96.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 117 Resp: 197456
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.7 25.4 38.0

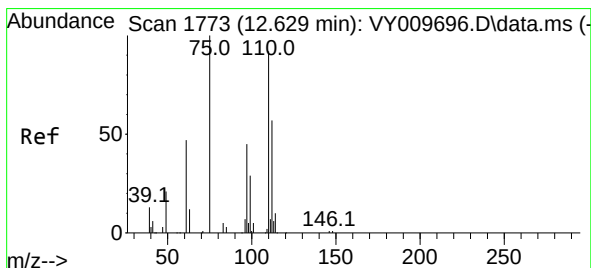
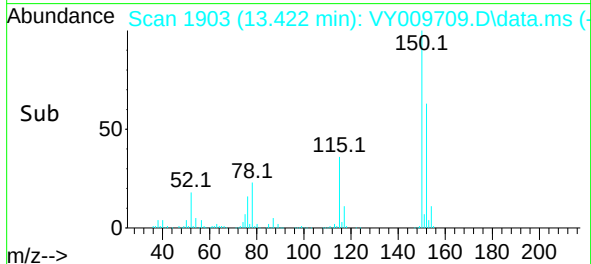
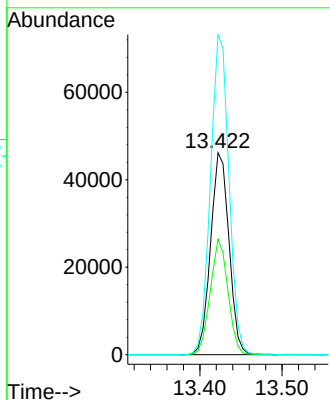
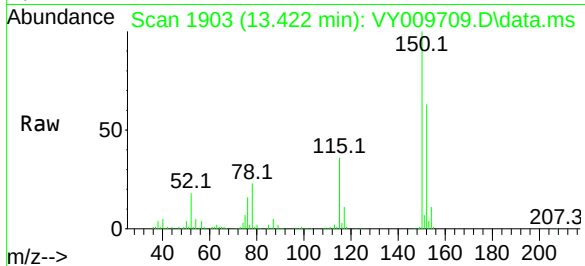




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009709.D
 Acq: 26 Jul 2022 18:41

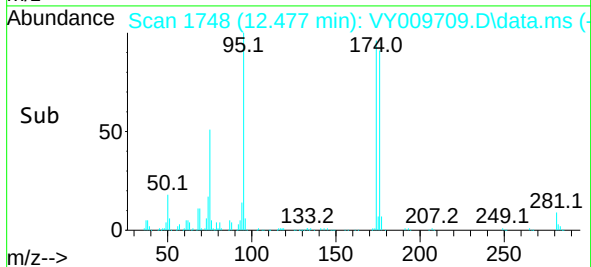
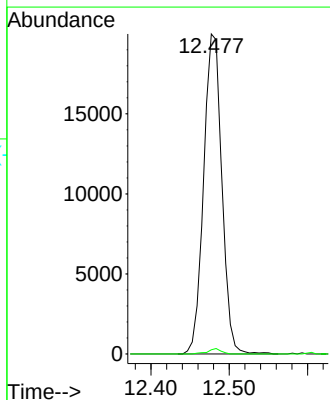
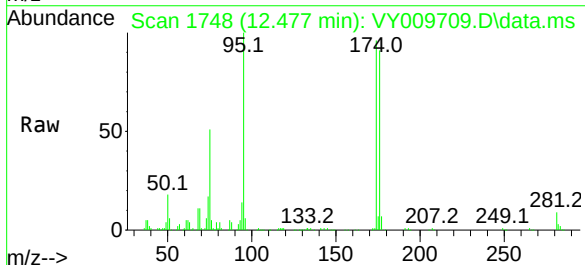
Instrument :
 MSVOA_Y
 ClientSampleId :
 WH-1

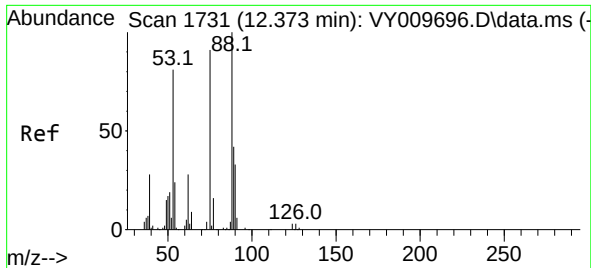
Tgt Ion:152 Resp: 71924
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.258 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009709.D
 Acq: 26 Jul 2022 18:41

Tgt Ion: 75 Resp: 32240
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.193 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009709.D
 Acq: 26 Jul 2022 18:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 WH-1

Tgt Ion: 75 Resp: 32240
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

