

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010320.D
 Acq On : 03 Sep 2022 15:11
 Operator : KP/MD
 Sample : N4423-01
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 05 04:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

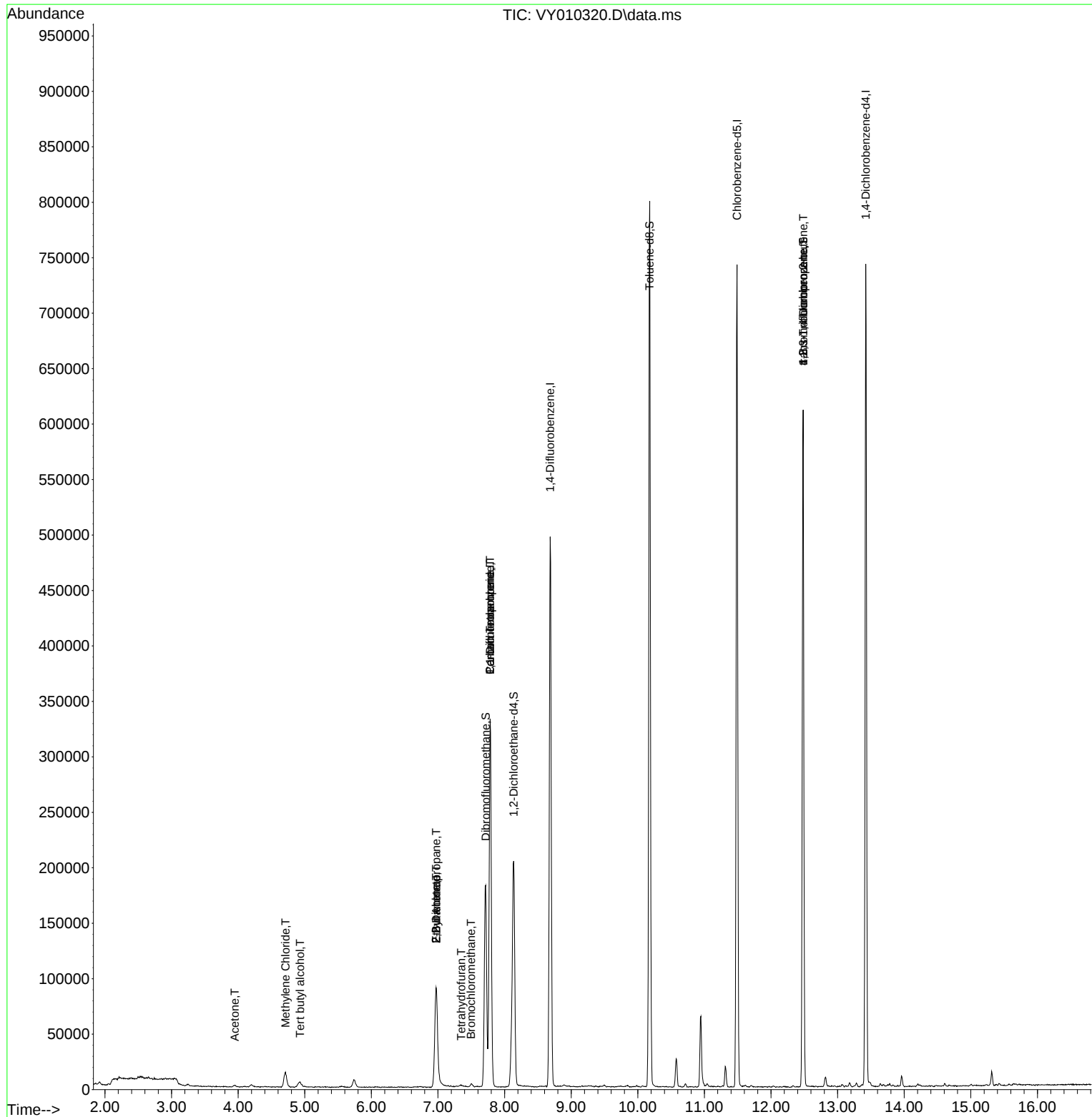
Internal Standards						
1) Pentafluorobenzene	7.783	168	264750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	440059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	411986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145543	53.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.716	113	131763	44.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.960%	
50) Toluene-d8	10.179	98	522034	53.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.440%	
62) 4-Bromofluorobenzene	12.483	95	183847	46.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	677	Below Cal	#	79
11) Tert butyl alcohol	4.930	59	5116	15.752	ug/l #	85
16) Acetone	3.948	43	2990	4.406	ug/l	91
20) Methylene Chloride	4.710	84	9713	2.966	ug/l #	89
25) 2-Butanone	6.972	43	5511	4.948	ug/l #	79
26) 2,2-Dichloropropane	6.972	77	6823	1.379	ug/l #	55
28) Bromochloromethane	7.496	49	172	1.623	ug/l #	16
29) Tetrahydrofuran	7.350	42	1244	1.743	ug/l #	87
36) 1,1-Dichloropropene	7.783	75	19105	4.445	ug/l #	51
37) Ethyl Acetate	6.972	43	5511	2.236	ug/l #	1
38) Carbon Tetrachloride	7.783	117	25329	5.718	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	94368	40.853	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	94368	85.224	ug/l #	7

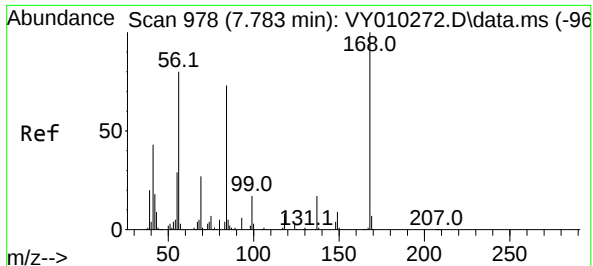
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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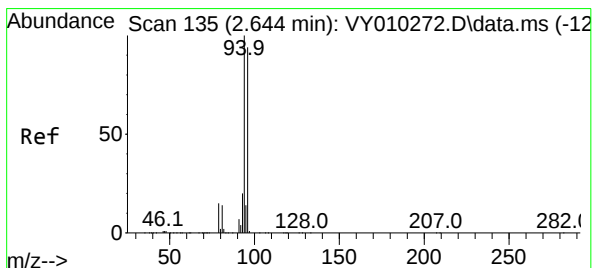
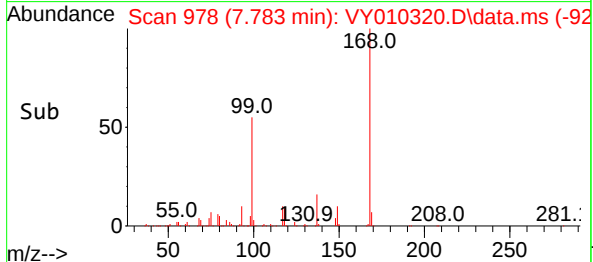
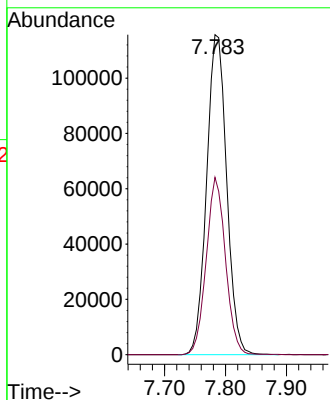
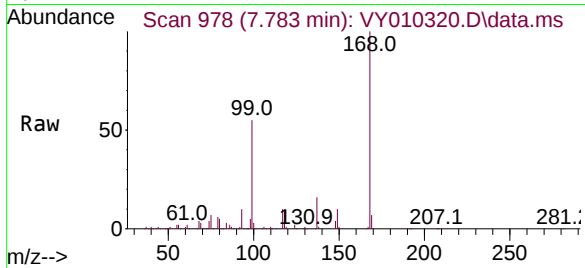




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

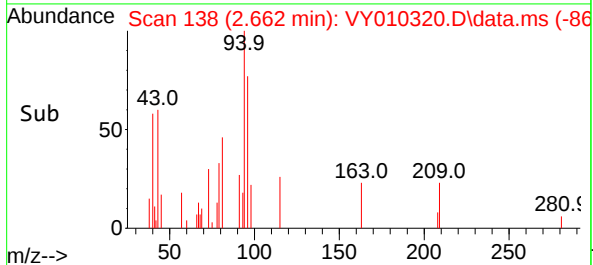
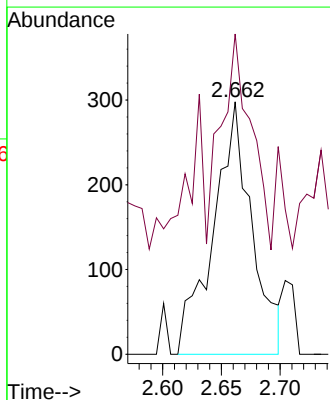
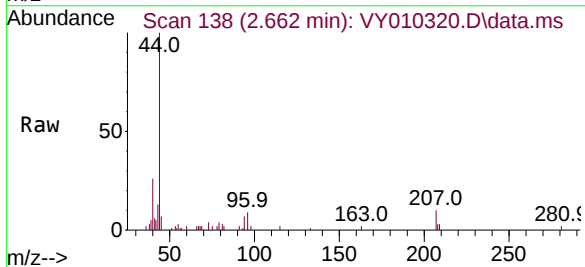
Instrument :
MSVOA_Y
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WC-1

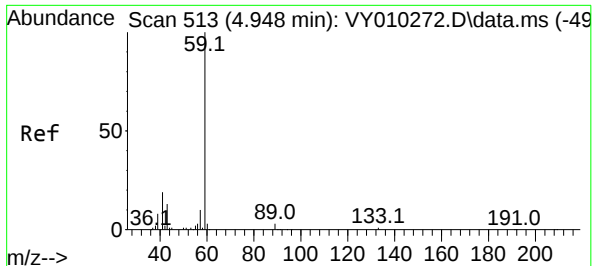
Tgt Ion:168 Resp: 264750
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion: 94 Resp: 677
Ion Ratio Lower Upper
94 100
96 71.8 73.5 110.3#





#11

Tert butyl alcohol

Concen: 15.752 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY010320.D

Acq: 03 Sep 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

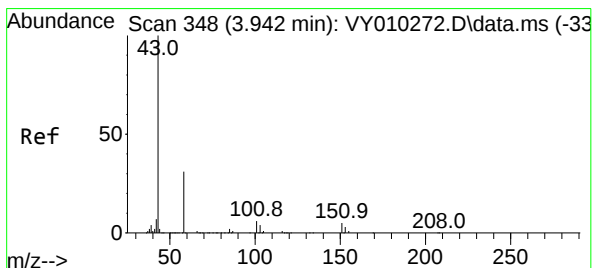
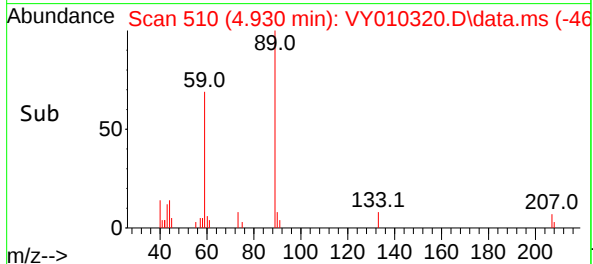
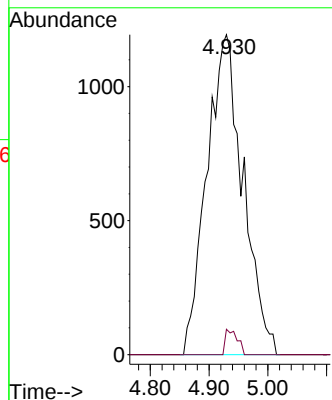
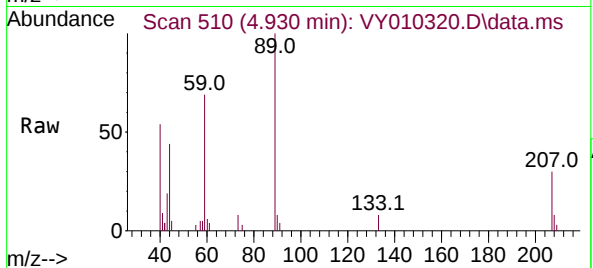
WC-1

Tgt Ion: 59 Resp: 5116

Ion Ratio Lower Upper

59 100

57 2.6 6.4 9.6#



#16

Acetone

Concen: 4.406 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010320.D

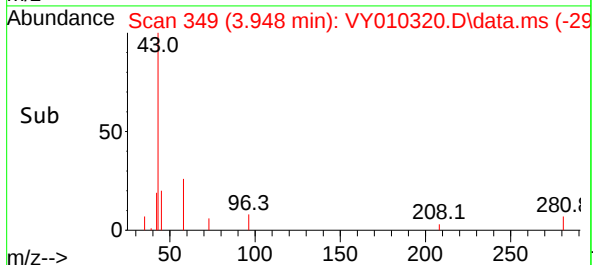
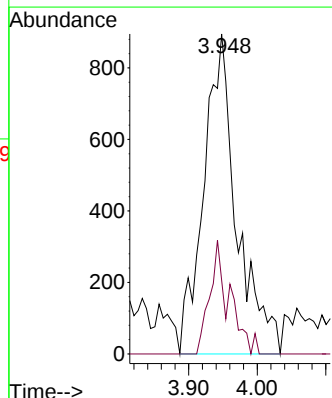
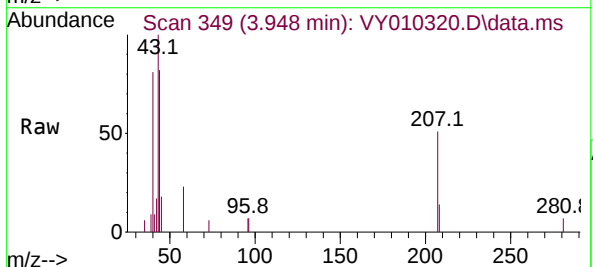
Acq: 03 Sep 2022 15:11

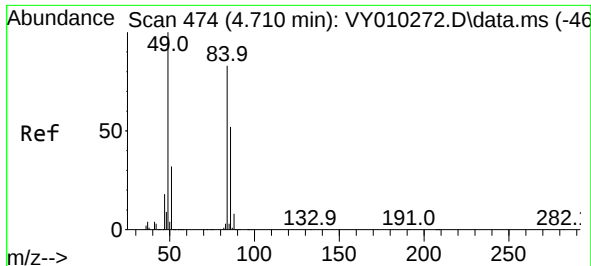
Tgt Ion: 43 Resp: 2990

Ion Ratio Lower Upper

43 100

58 23.0 22.0 33.0

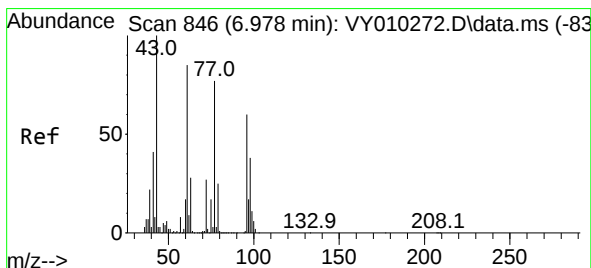
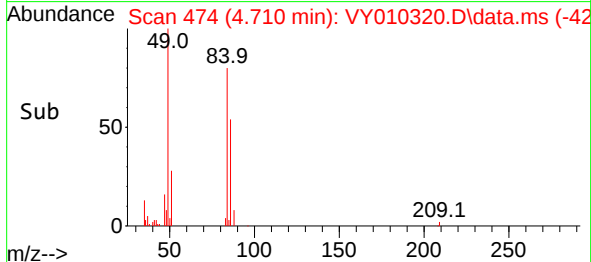
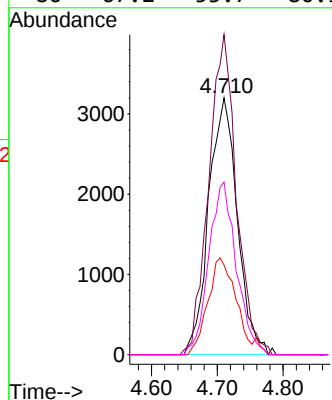
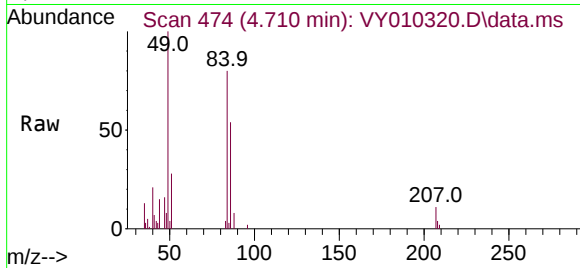




#20
Methylene Chloride
Concen: 2.966 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

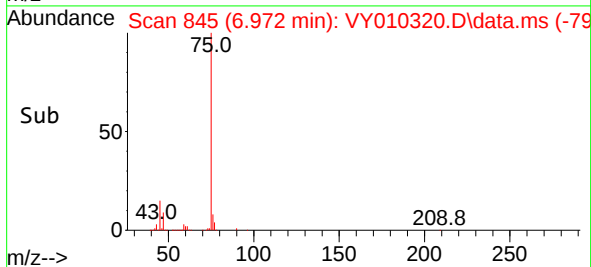
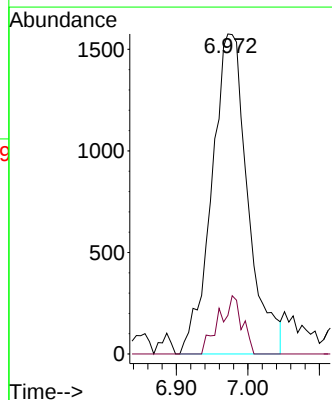
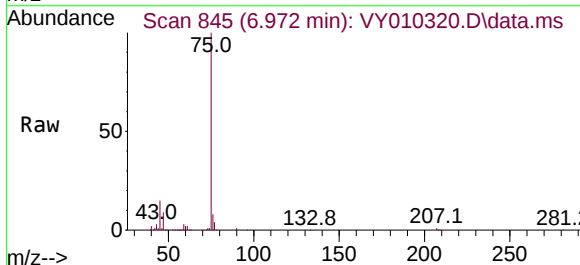
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

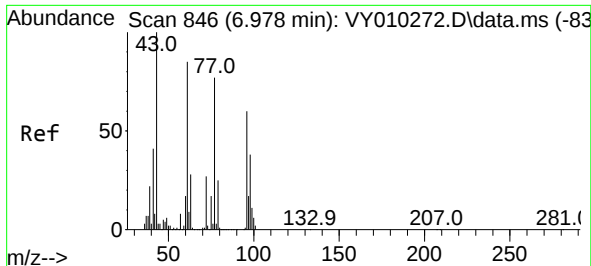
Tgt Ion:	84	Resp:	9713
Ion	Ratio	Lower	Upper
84	100		
49	124.6	114.4	171.6
51	34.9	35.3	52.9#
86	67.2	53.7	80.5



#25
2-Butanone
Concen: 4.948 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion:	43	Resp:	5511
Ion	Ratio	Lower	Upper
43	100		
72	12.1	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.379 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010320.D

Acq: 03 Sep 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

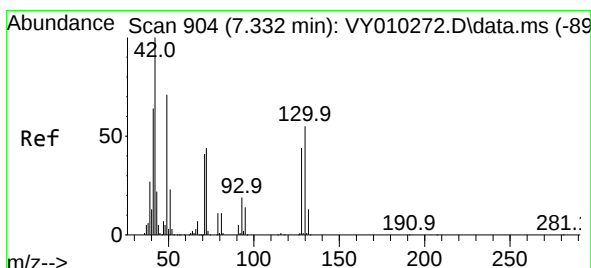
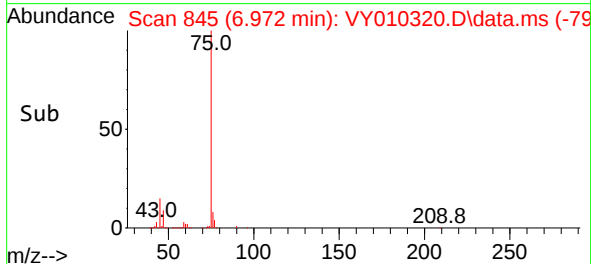
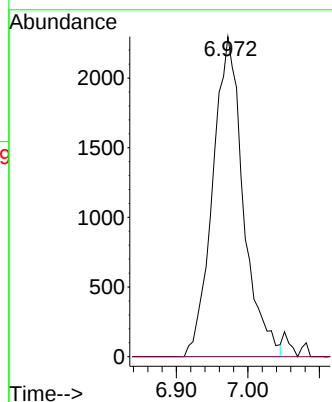
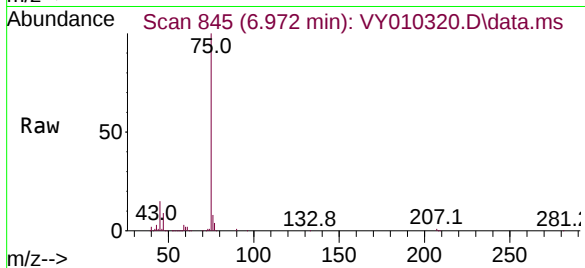
WC-1

Tgt Ion: 77 Resp: 6823

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#28

Bromochloromethane

Concen: 1.623 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.164 min

Lab File: VY010320.D

Acq: 03 Sep 2022 15:11

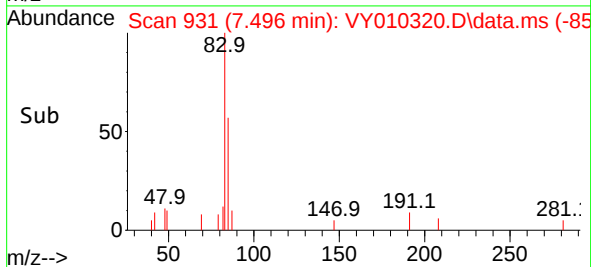
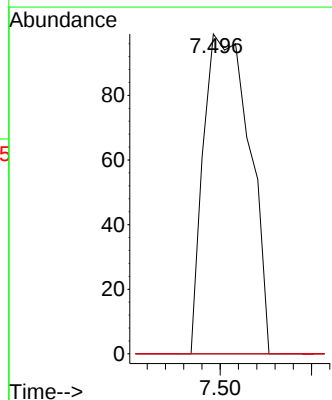
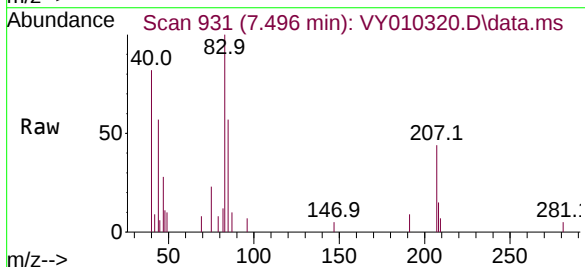
Tgt Ion: 49 Resp: 172

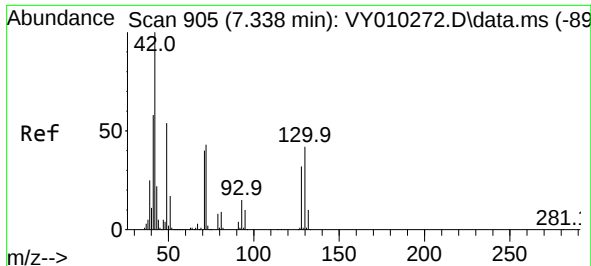
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 0.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 1.743 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY010320.D

Acq: 03 Sep 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

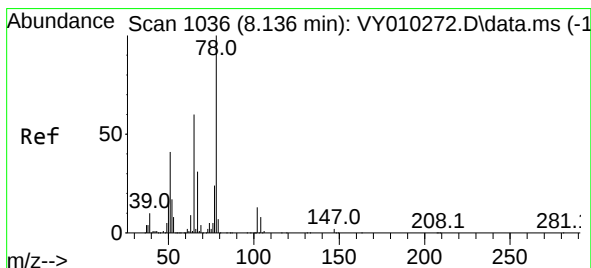
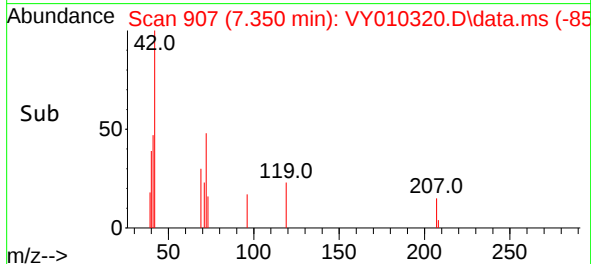
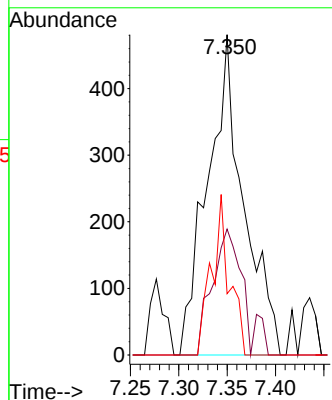
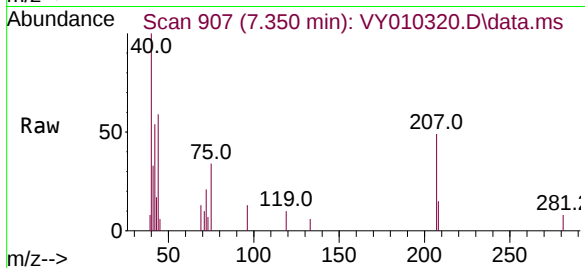
Tgt Ion: 42 Resp: 1244

Ion Ratio Lower Upper

42 100

72 34.2 30.3 45.5

71 24.8 29.0 43.4#



#33

1,2-Dichloroethane-d4

Concen: 53.613 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010320.D

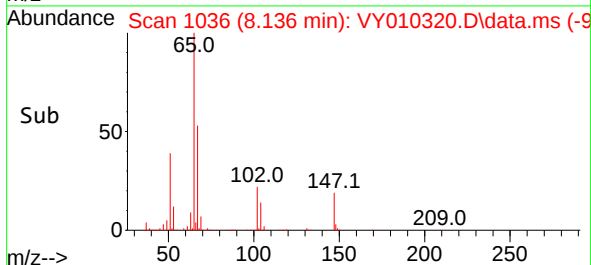
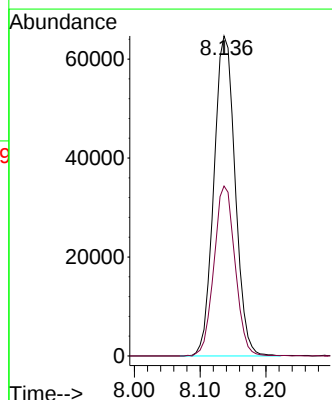
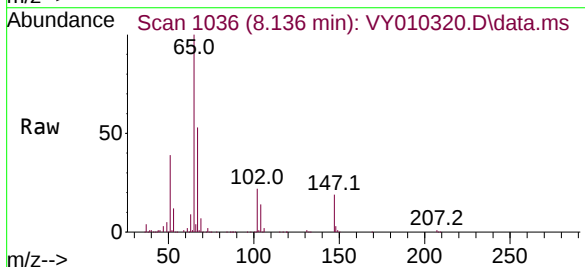
Acq: 03 Sep 2022 15:11

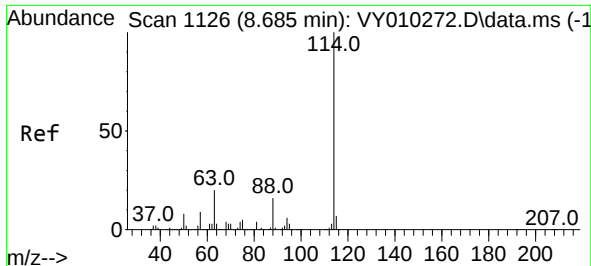
Tgt Ion: 65 Resp: 145543

Ion Ratio Lower Upper

65 100

67 52.8 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: VY010320.D

Acq: 03 Sep 2022 15:11

Instrument :

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ClientSampleId :

WC-1

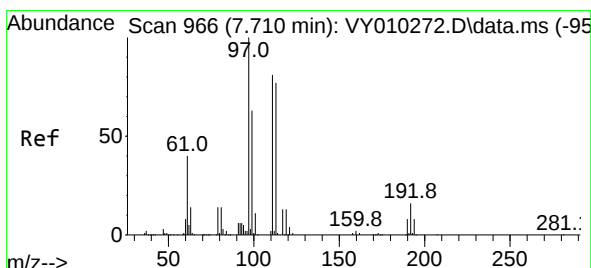
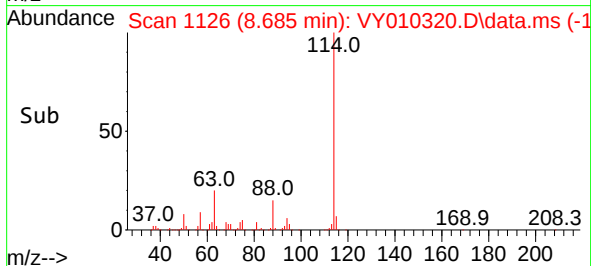
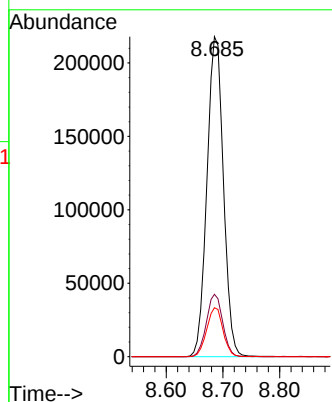
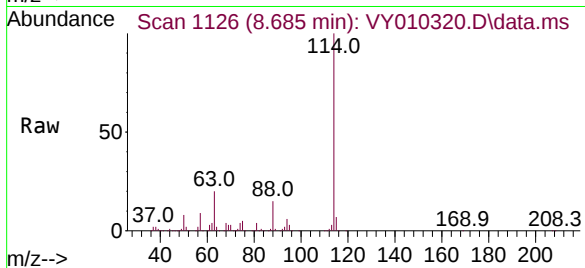
Tgt Ion:114 Resp: 440059

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.977 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010320.D

Acq: 03 Sep 2022 15:11

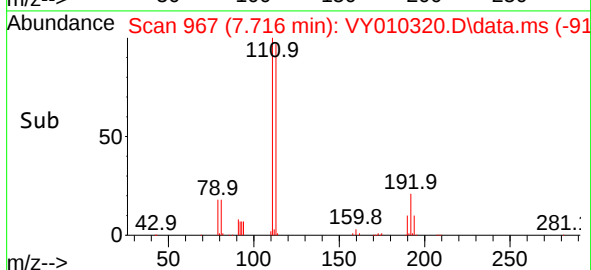
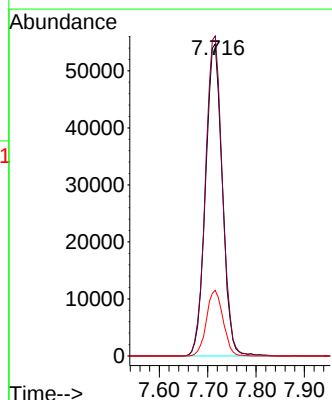
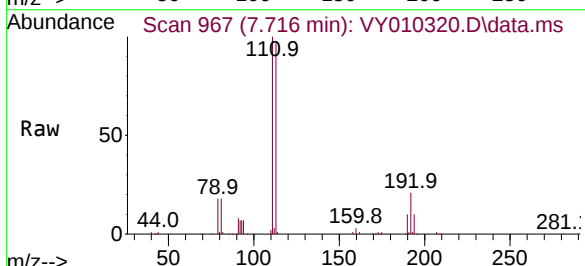
Tgt Ion:113 Resp: 131763

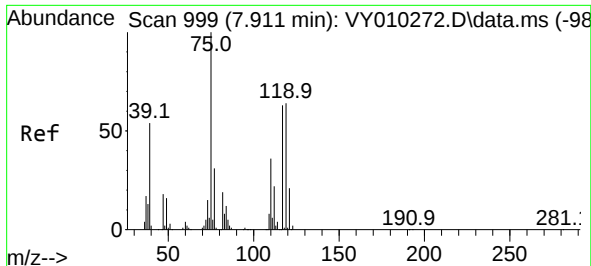
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 20.9 17.6 26.4

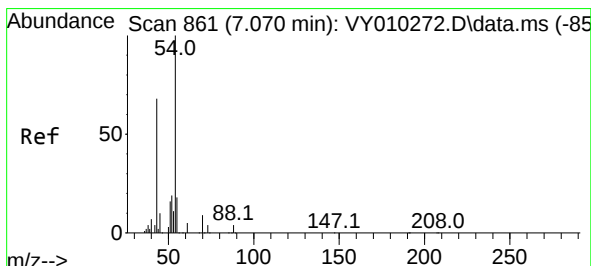
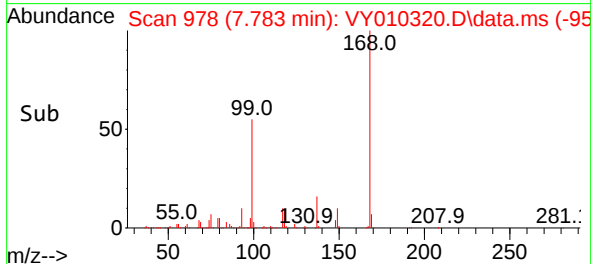
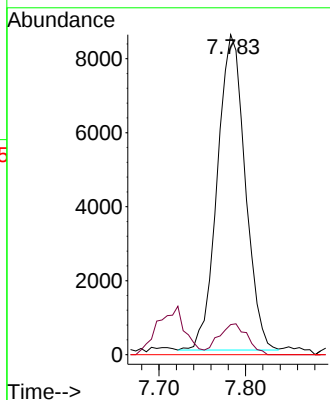
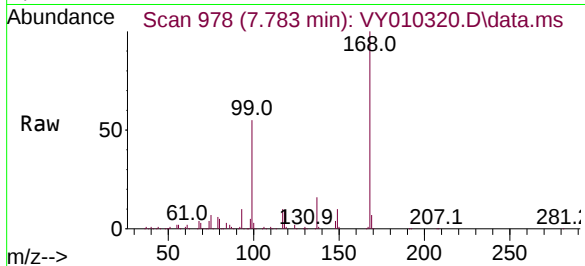




#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

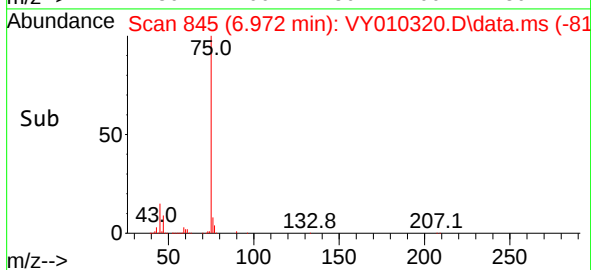
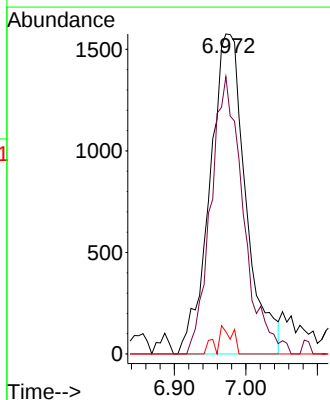
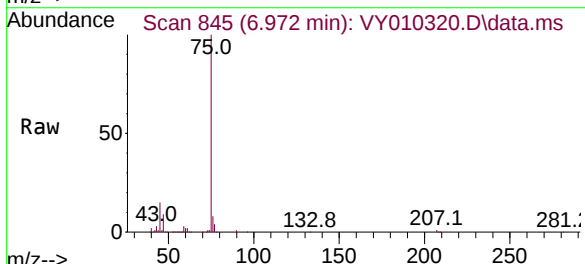
Instrument :
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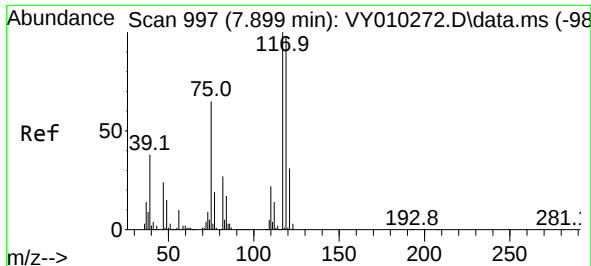
Tgt Ion: 75 Resp: 19105
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.236 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion: 43 Resp: 5511
Ion Ratio Lower Upper
43 100
61 78.0 9.7 14.5#
70 3.9 7.1 10.7#

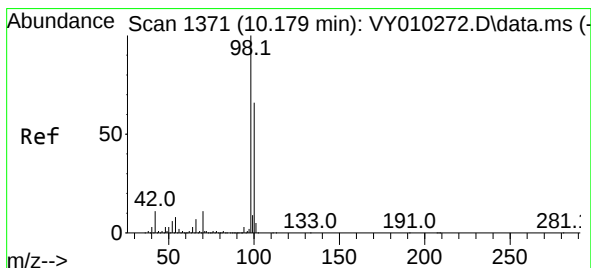
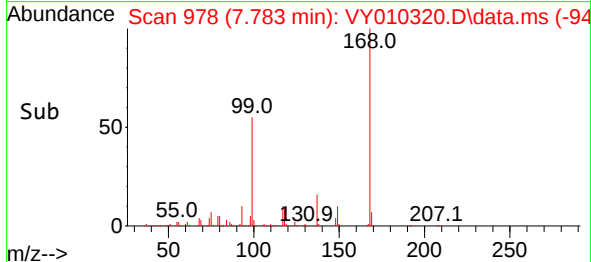
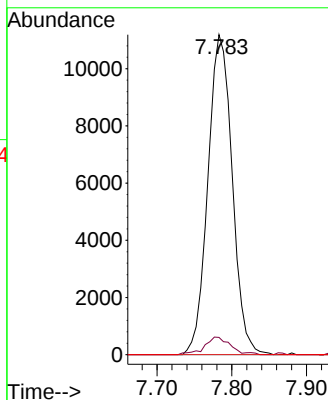
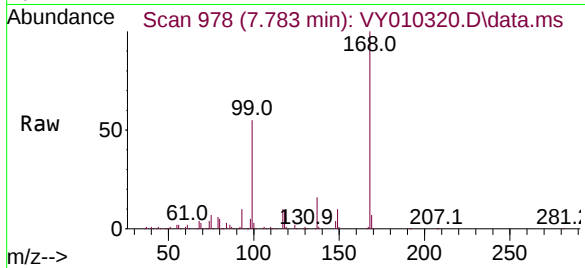




#38
Carbon Tetrachloride
Concen: 5.718 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

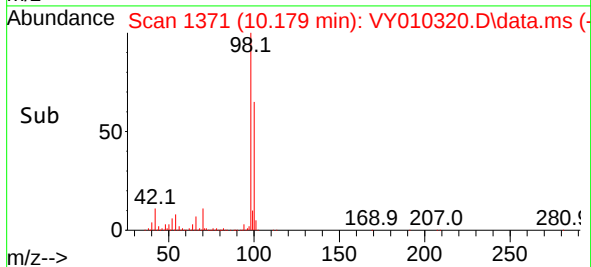
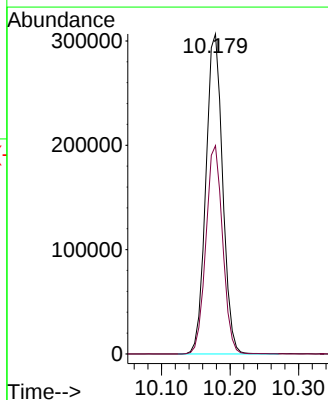
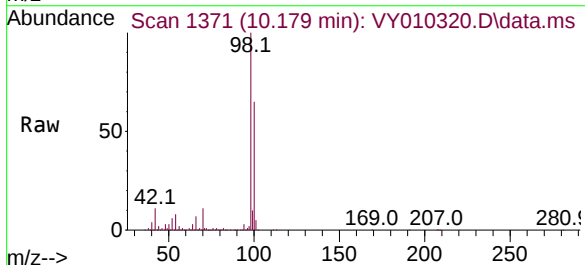
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

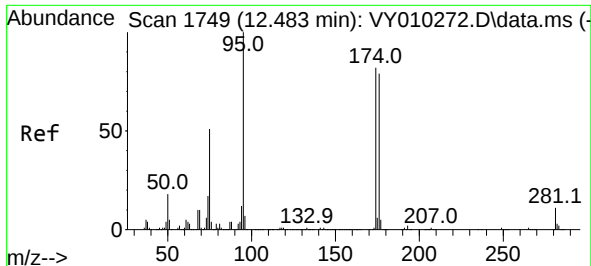
Tgt Ion:117 Resp: 25329
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.224 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion: 98 Resp: 522034
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

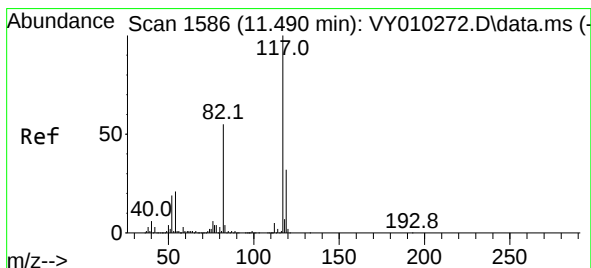
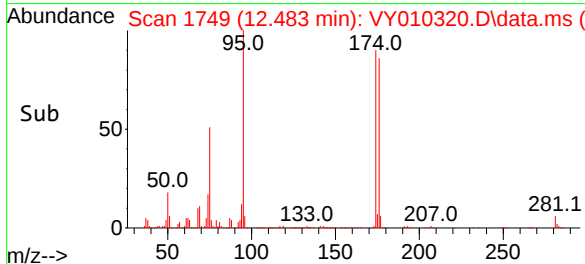
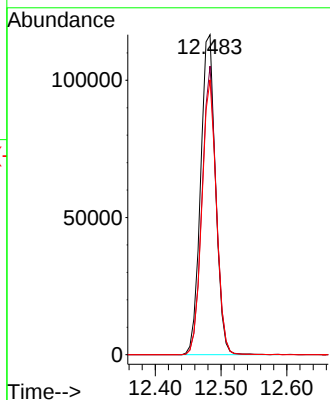
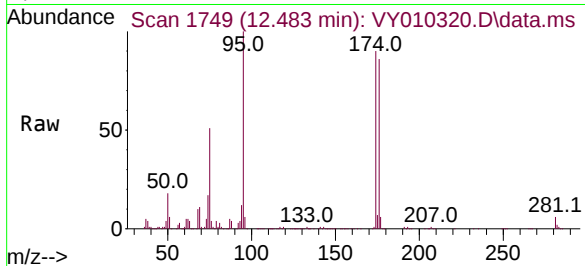




#62
4-Bromofluorobenzene
Concen: 46.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

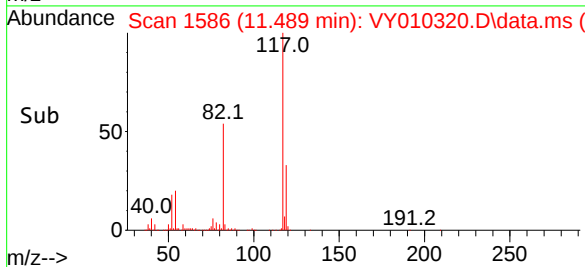
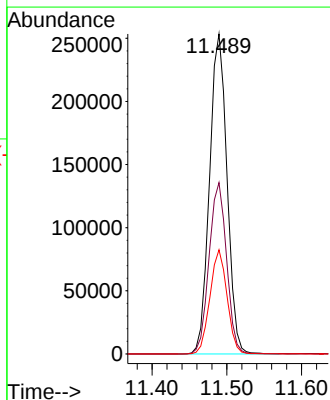
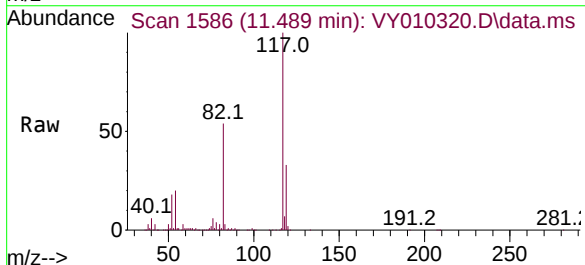
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

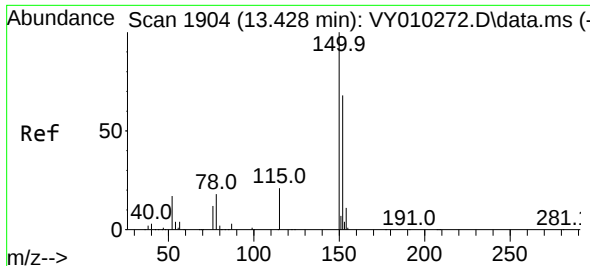
Tgt Ion: 95 Resp: 183847
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion: 117 Resp: 411986
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.6 25.4 38.0

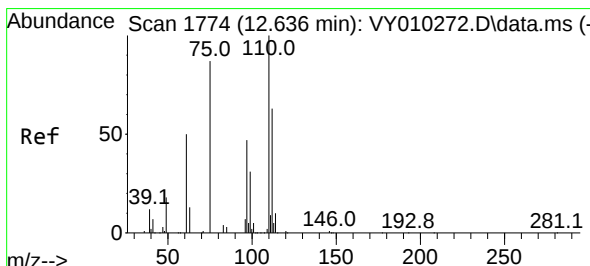
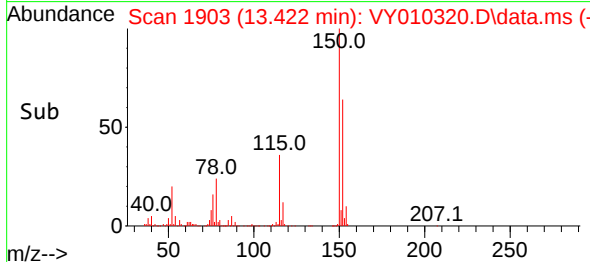
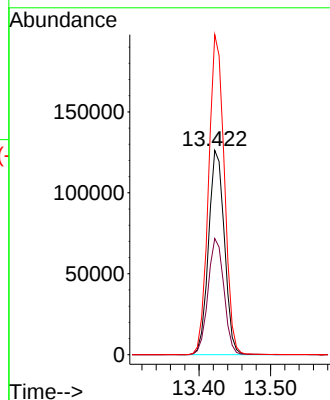
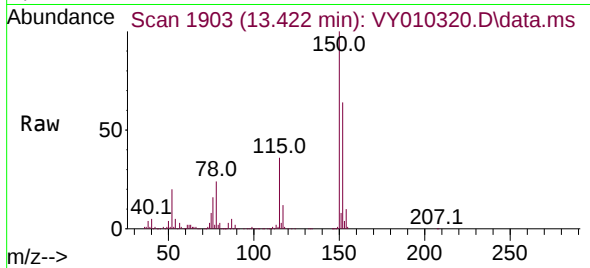




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010320.D
 Acq: 03 Sep 2022 15:11

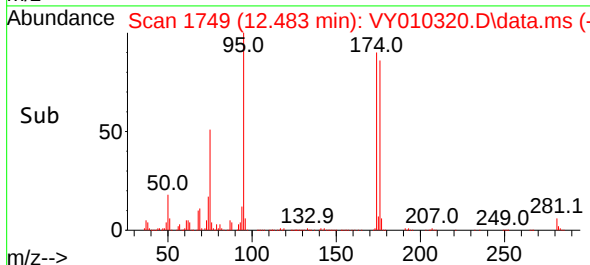
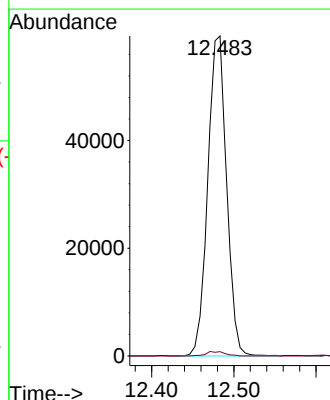
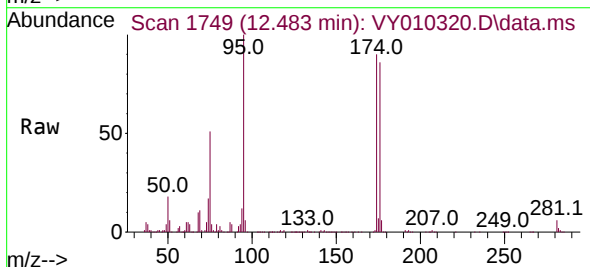
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

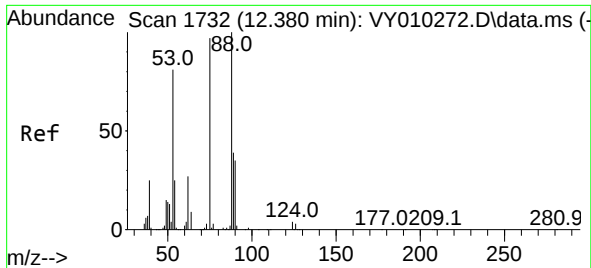
Tgt Ion:152 Resp: 194105
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.853 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY010320.D
 Acq: 03 Sep 2022 15:11

Tgt Ion: 75 Resp: 94368
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.224 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010320.D
 Acq: 03 Sep 2022 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Tgt Ion: 75 Resp: 94368
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

