

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010880.D
 Acq On : 07 Oct 2022 18:21
 Operator : KP/MD
 Sample : N5046-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-11

Quant Time: Oct 08 04:48:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

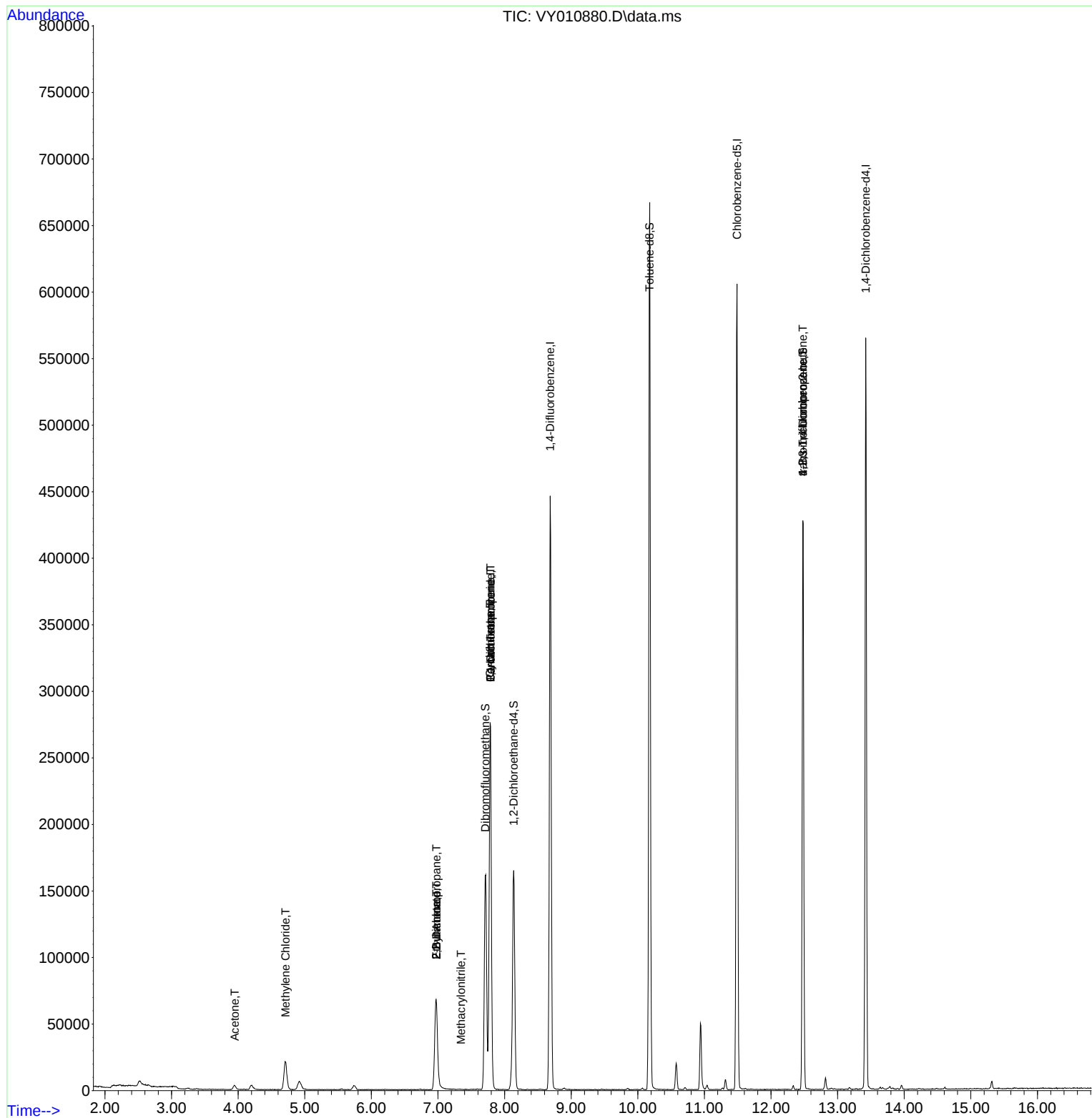
Internal Standards						
1) Pentafluorobenzene	7.789	168	214409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	377290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124450	57.263	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.520%			
35) Dibromofluoromethane	7.710	113	118530	47.327	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.660%			
50) Toluene-d8	10.179	98	437303	51.057	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.477	95	132434	38.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.500%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	7038	Below Cal	#	77
16) Acetone	3.948	43	5852	10.602	ug/l	94
20) Methylene Chloride	4.710	84	16113	1.610	ug/l	86
25) 2-Butanone	6.978	43	4223	5.322	ug/l	# 87
26) 2,2-Dichloropropane	6.978	77	5278	1.372	ug/l	# 55
31) Cyclohexane	7.783	56	4522	1.162	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	17191	4.755	ug/l	# 50
37) Ethyl Acetate	6.978	43	4223	2.380	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	20774	5.517	ug/l	# 17
41) Methacrylonitrile	7.344	41	23	2.602	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	66718	46.071	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	66718	96.238	ug/l	# 7

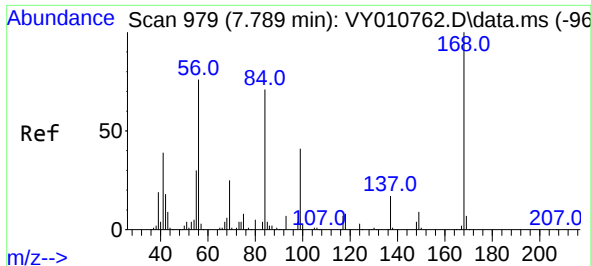
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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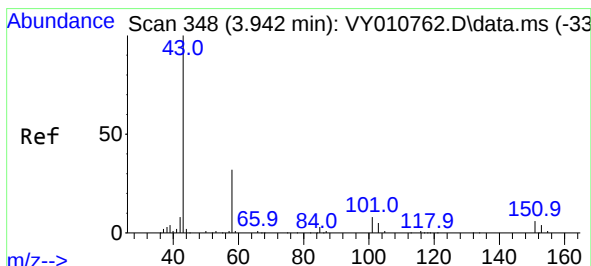
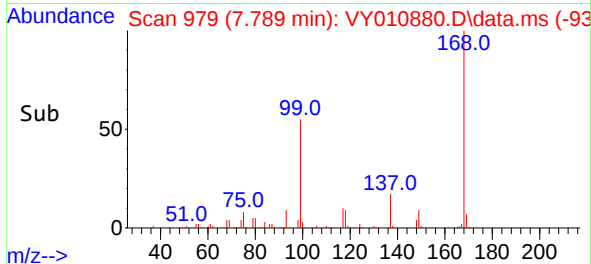
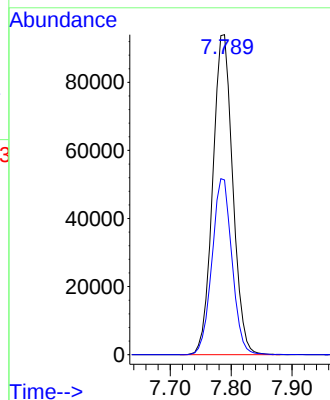
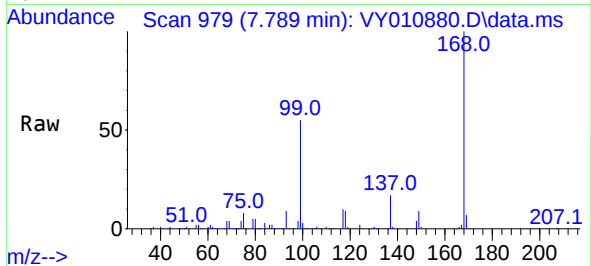




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

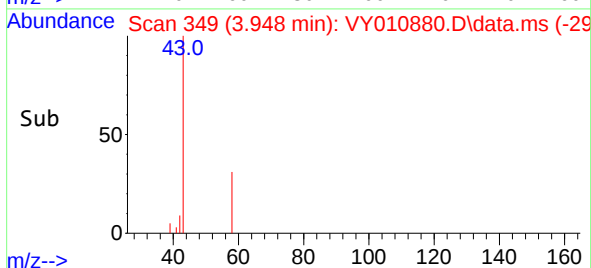
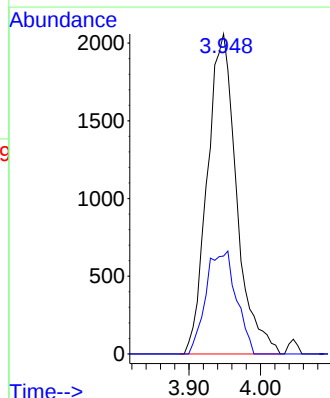
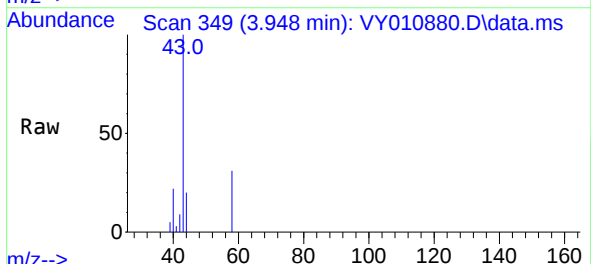
Instrument :
MSVOA_Y
ClientSampleId :
R-11

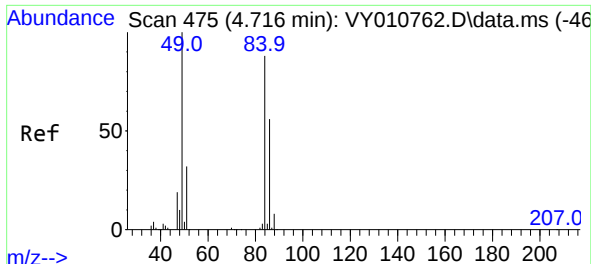
Tgt Ion:168 Resp: 214409
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 10.602 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 43 Resp: 5852
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0

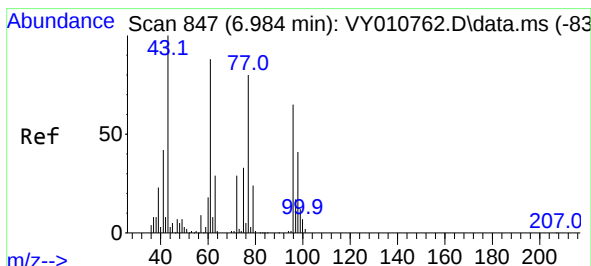
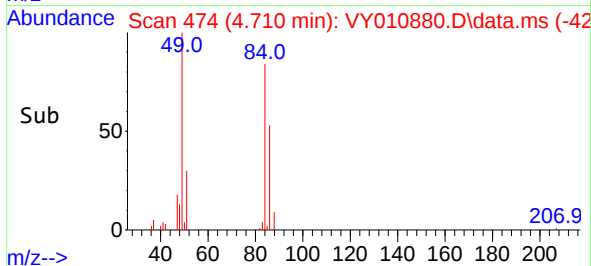
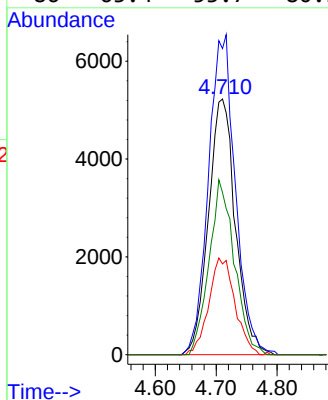
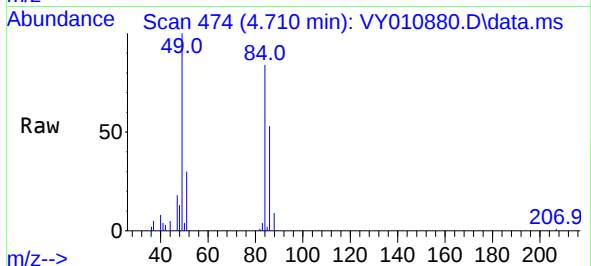




#20
Methylene Chloride
Concen: 1.610 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

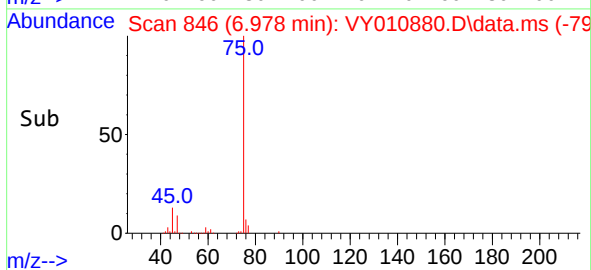
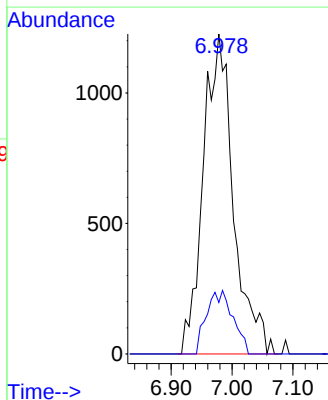
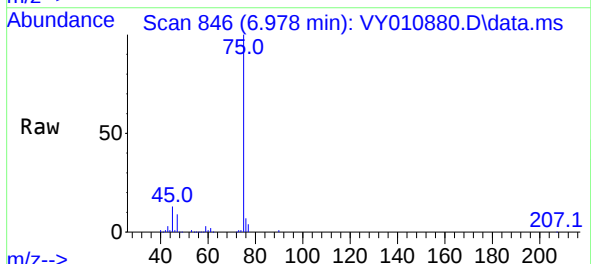
Instrument :
MSVOA_Y
ClientSampleId :
R-11

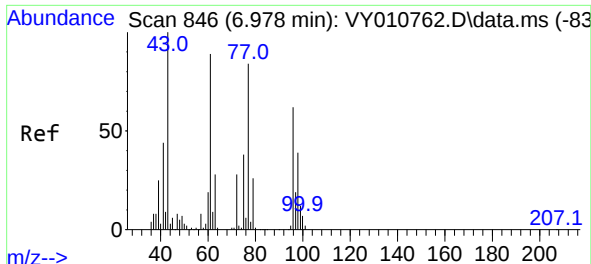
Tgt Ion: 84 Resp: 16113
Ion Ratio Lower Upper
84 100
49 119.7 114.4 171.6
51 35.5 35.3 52.9
86 63.4 53.7 80.5



#25
2-Butanone
Concen: 5.322 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 43 Resp: 4223
Ion Ratio Lower Upper
43 100
72 16.1 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.372 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010880.D

Acq: 07 Oct 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

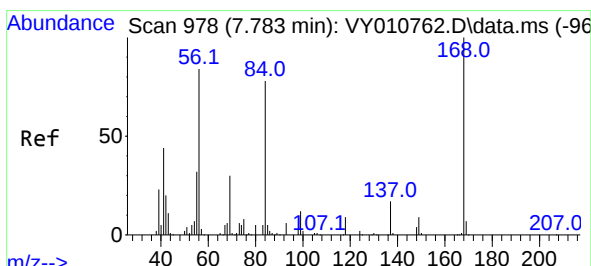
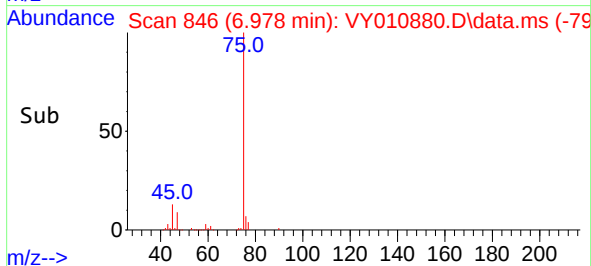
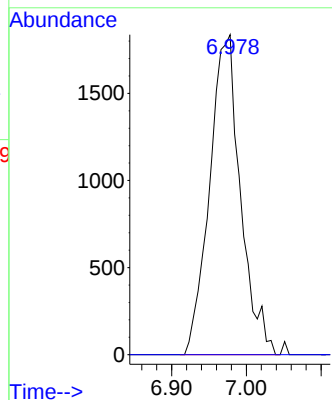
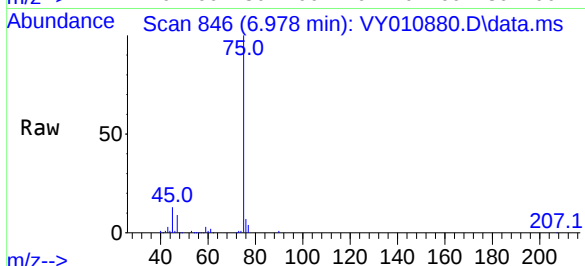
R-11

Tgt Ion: 77 Resp: 5278

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY010880.D

Acq: 07 Oct 2022 18:21

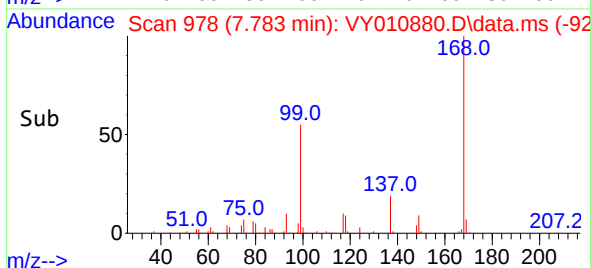
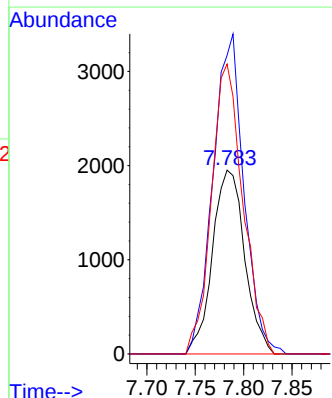
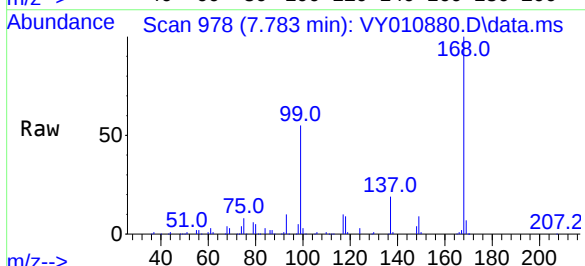
Tgt Ion: 56 Resp: 4522

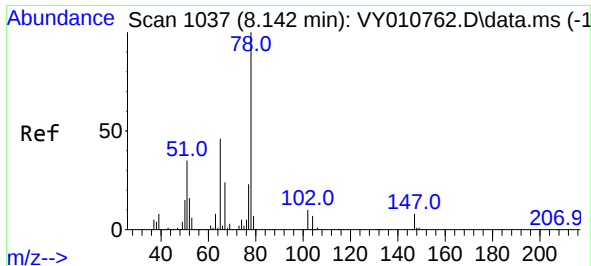
Ion Ratio Lower Upper

56 100

69 162.4 26.7 40.1#

84 157.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.263 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010880.D

Acq: 07 Oct 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

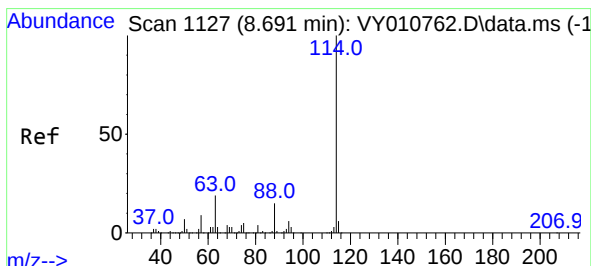
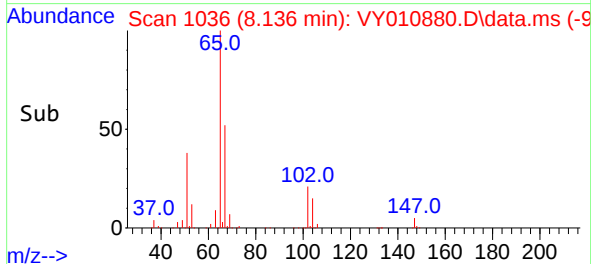
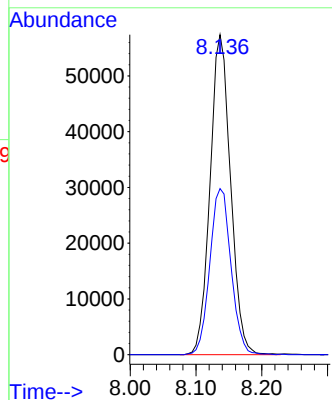
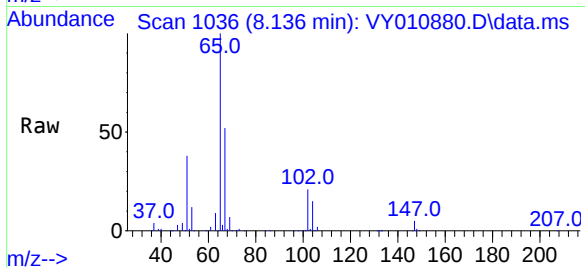
R-11

Tgt Ion: 65 Resp: 124450

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010880.D

Acq: 07 Oct 2022 18:21

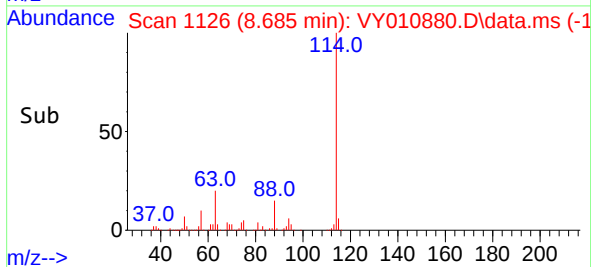
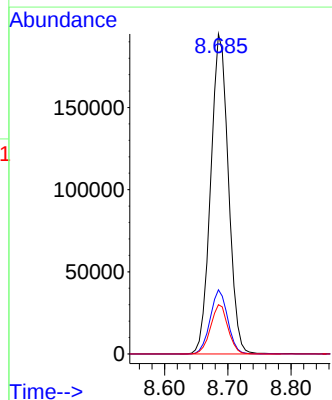
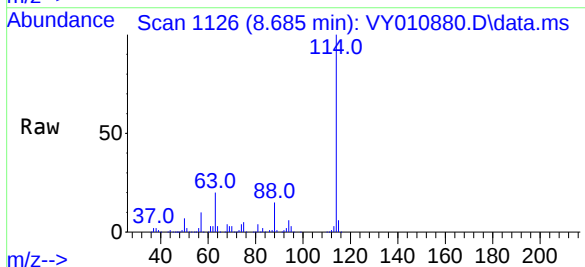
Tgt Ion:114 Resp: 377290

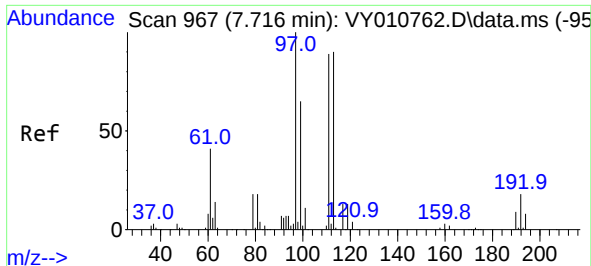
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.4 0.0 31.8

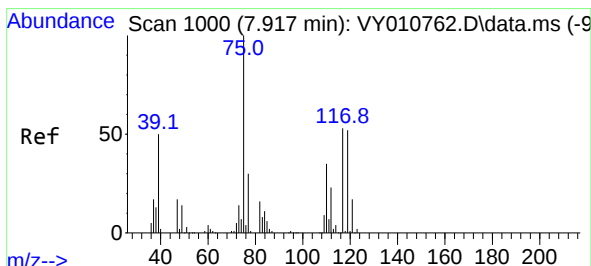
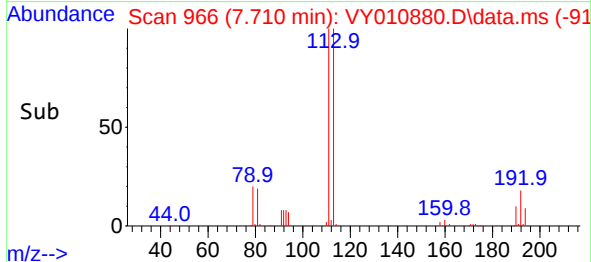
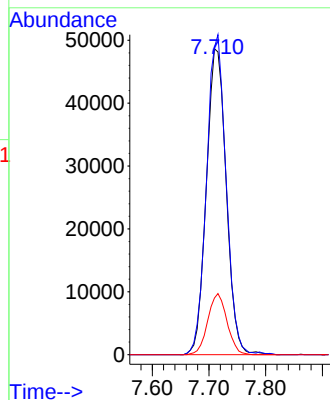
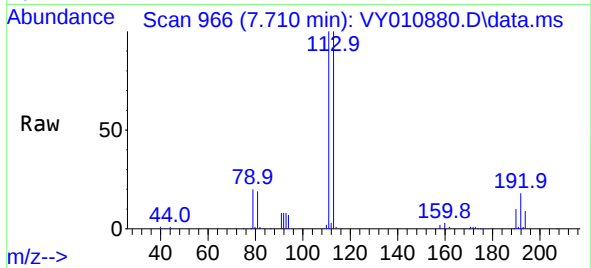




#35
Dibromofluoromethane
Concen: 47.327 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

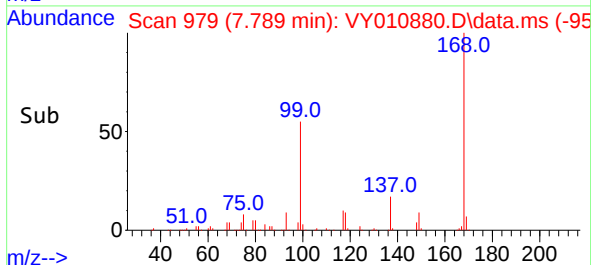
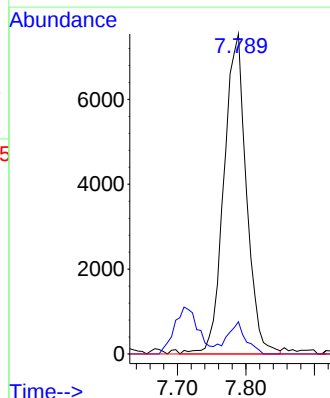
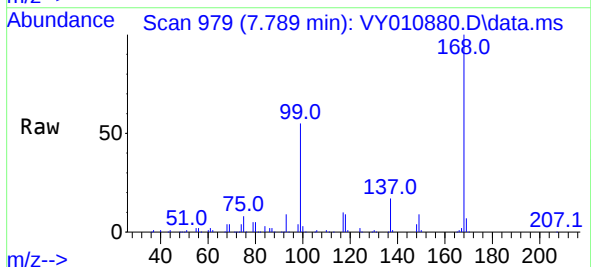
Instrument :
MSVOA_Y
ClientSampleId :
R-11

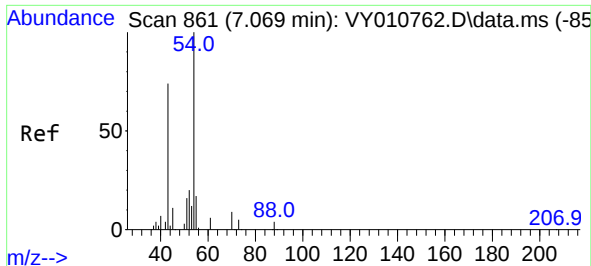
Tgt Ion:113 Resp: 118530
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 75 Resp: 17191
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.380 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY010880.D

Acq: 07 Oct 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

R-11

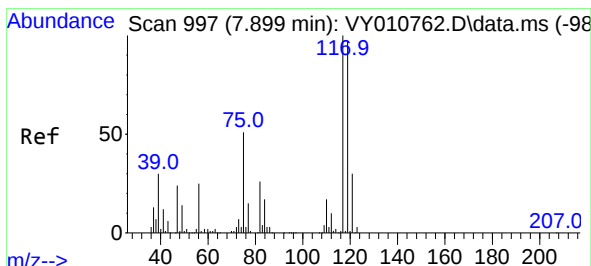
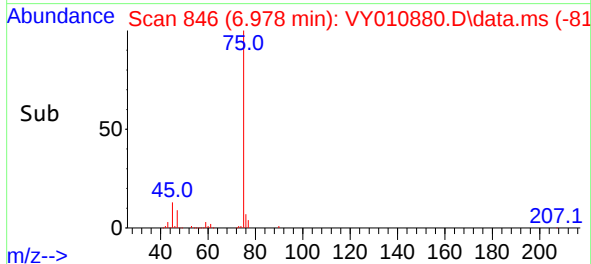
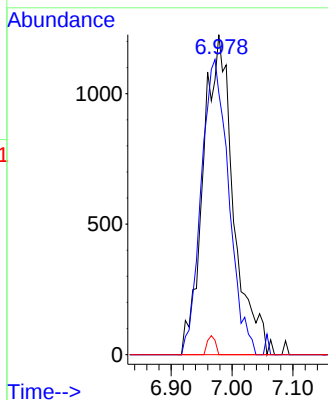
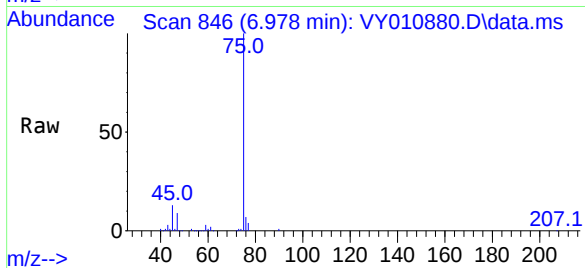
Tgt Ion: 43 Resp: 4223

Ion Ratio Lower Upper

43 100

61 83.9 9.7 14.5#

70 1.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.517 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010880.D

Acq: 07 Oct 2022 18:21

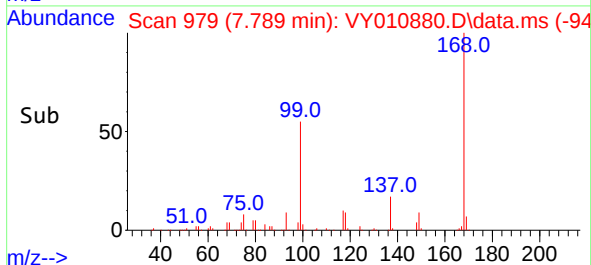
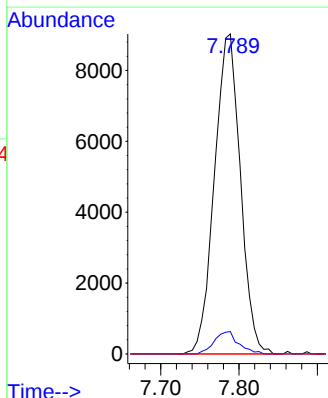
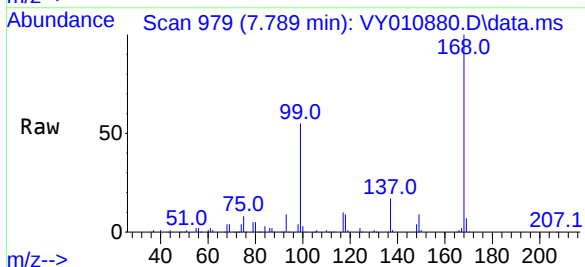
Tgt Ion: 117 Resp: 20774

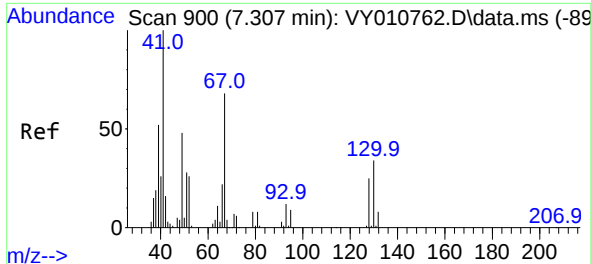
Ion Ratio Lower Upper

117 100

119 7.0 77.9 116.9#

121 0.0 24.8 37.2#

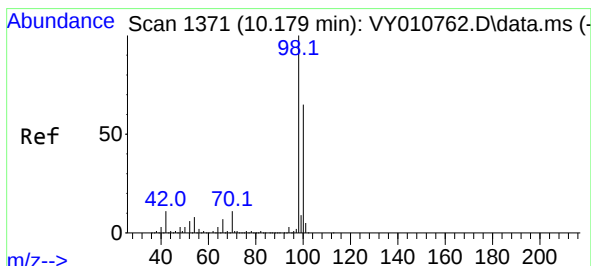
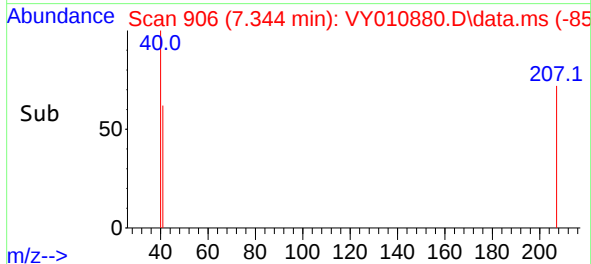
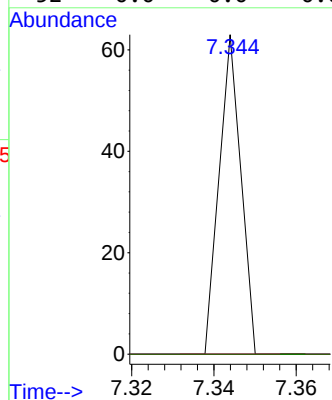
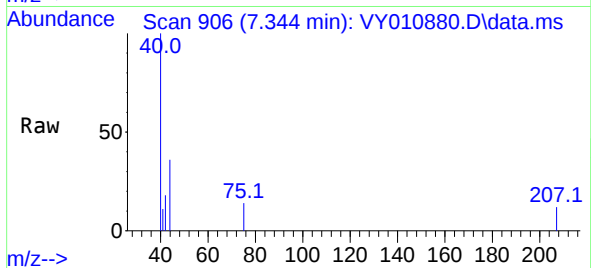




#41
Methacrylonitrile
Concen: 2.602 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

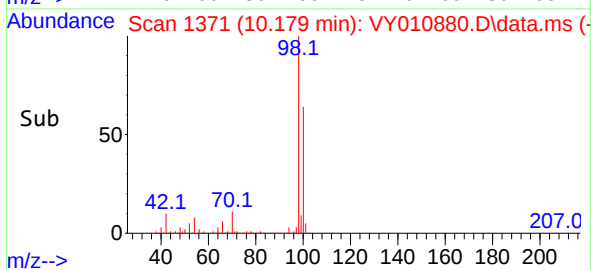
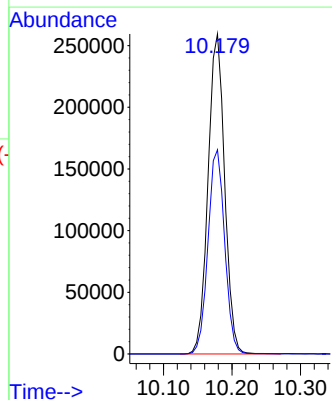
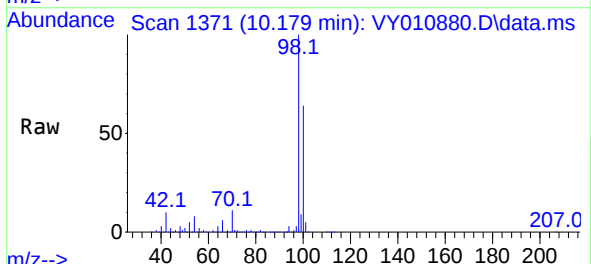
Instrument :
MSVOA_Y
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R-11

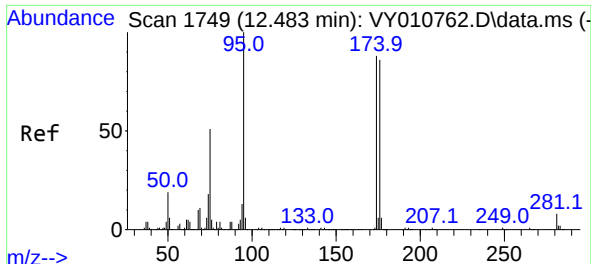
Tgt Ion:	41	Resp:	23
Ion	Ratio	Lower	Upper
41	100		
39	0.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 51.057 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

Tgt Ion:	98	Resp:	437303
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.2	75.2

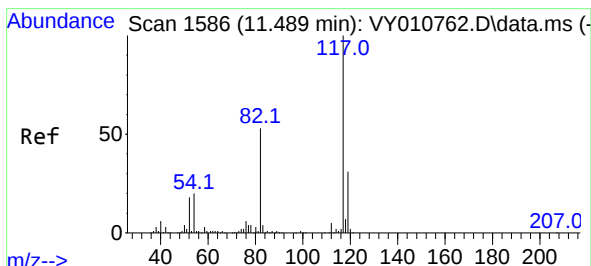
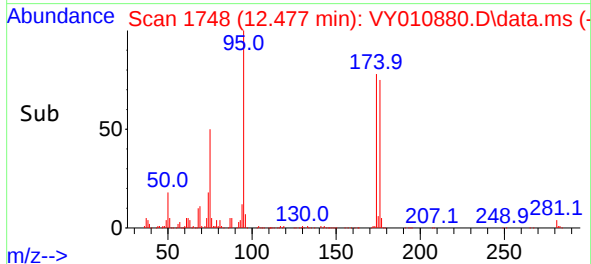
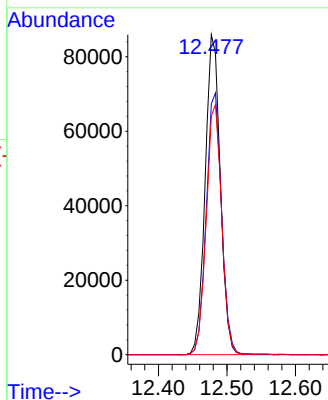
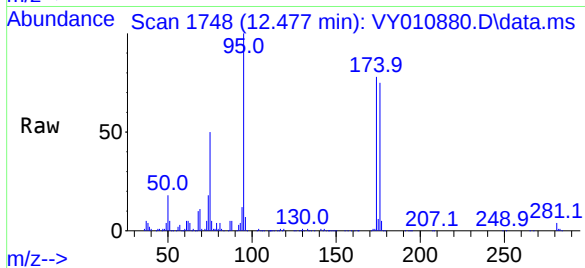




#62
4-Bromofluorobenzene
Concen: 38.749 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

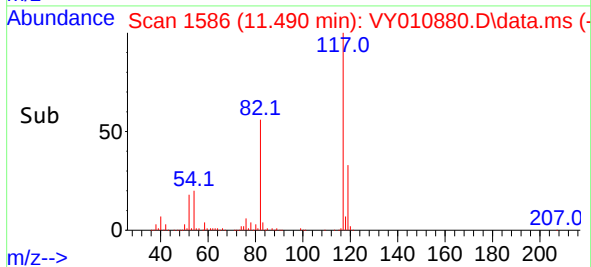
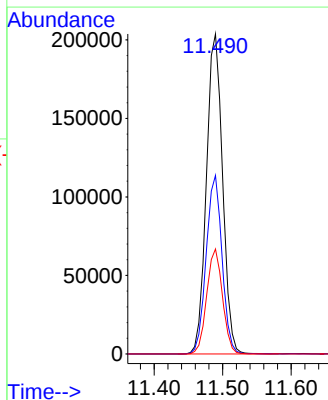
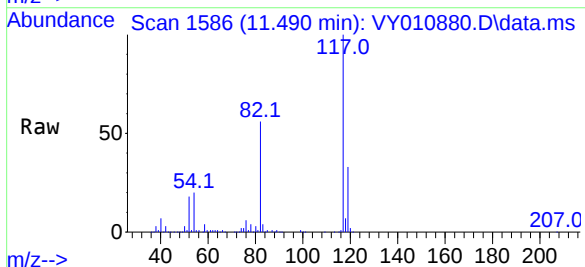
Instrument :
MSVOA_Y
ClientSampleId :
R-11

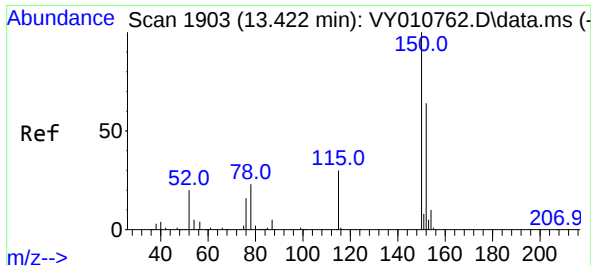
Tgt Ion: 95 Resp: 132434
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 117 Resp: 334886
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 32.8 25.4 38.0

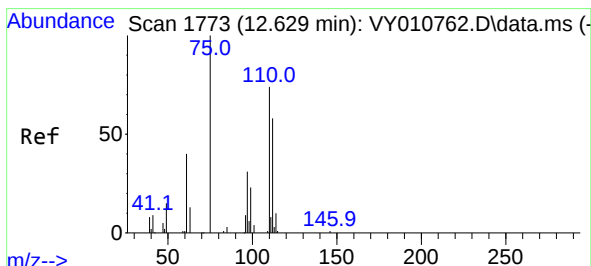
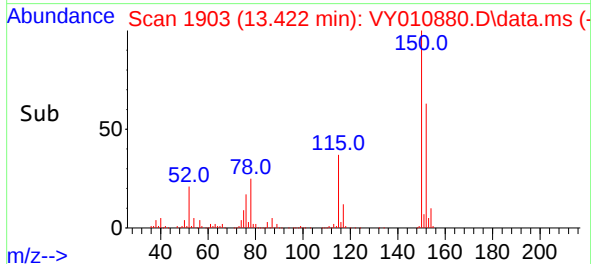
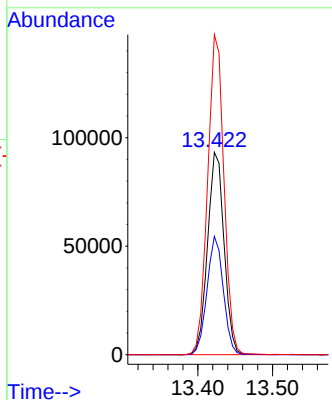
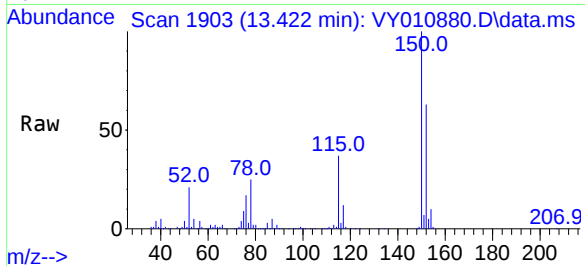




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

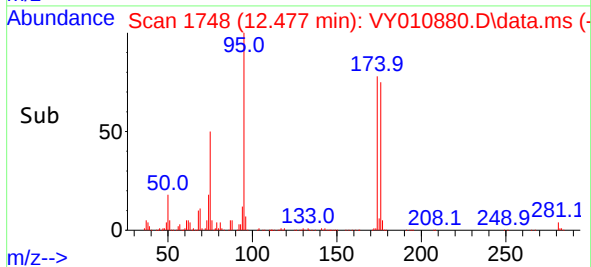
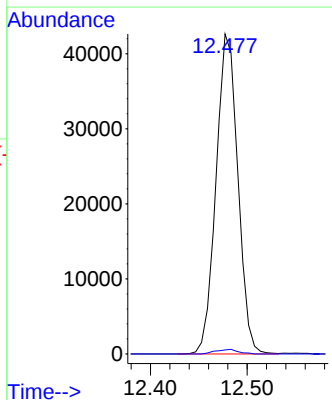
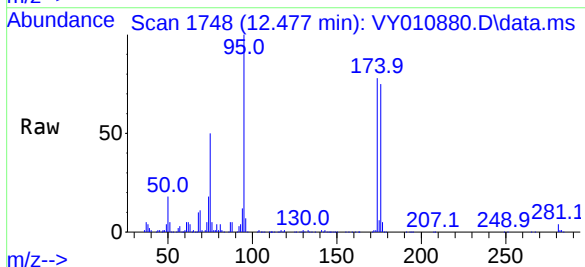
Instrument :
MSVOA_Y
ClientSampleId :
R-11

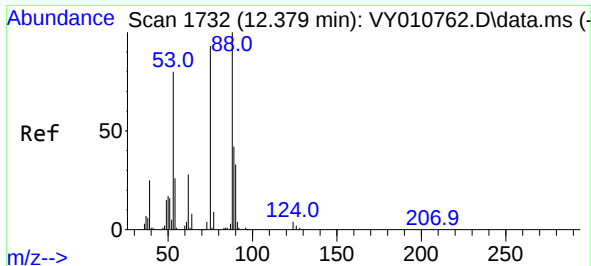
Tgt Ion:152 Resp: 143001
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.071 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010880.D
Acq: 07 Oct 2022 18:21

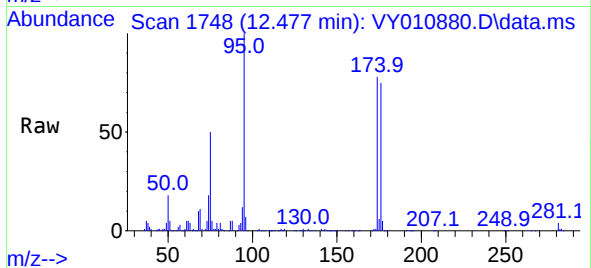
Tgt Ion: 75 Resp: 66718
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.238 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010880.D
 Acq: 07 Oct 2022 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-11



Tgt Ion: 75 Resp: 66718
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

