

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010879.D
 Acq On : 07 Oct 2022 17:58
 Operator : KP/MD
 Sample : N5046-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-9

Quant Time: Oct 08 04:48:22 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)

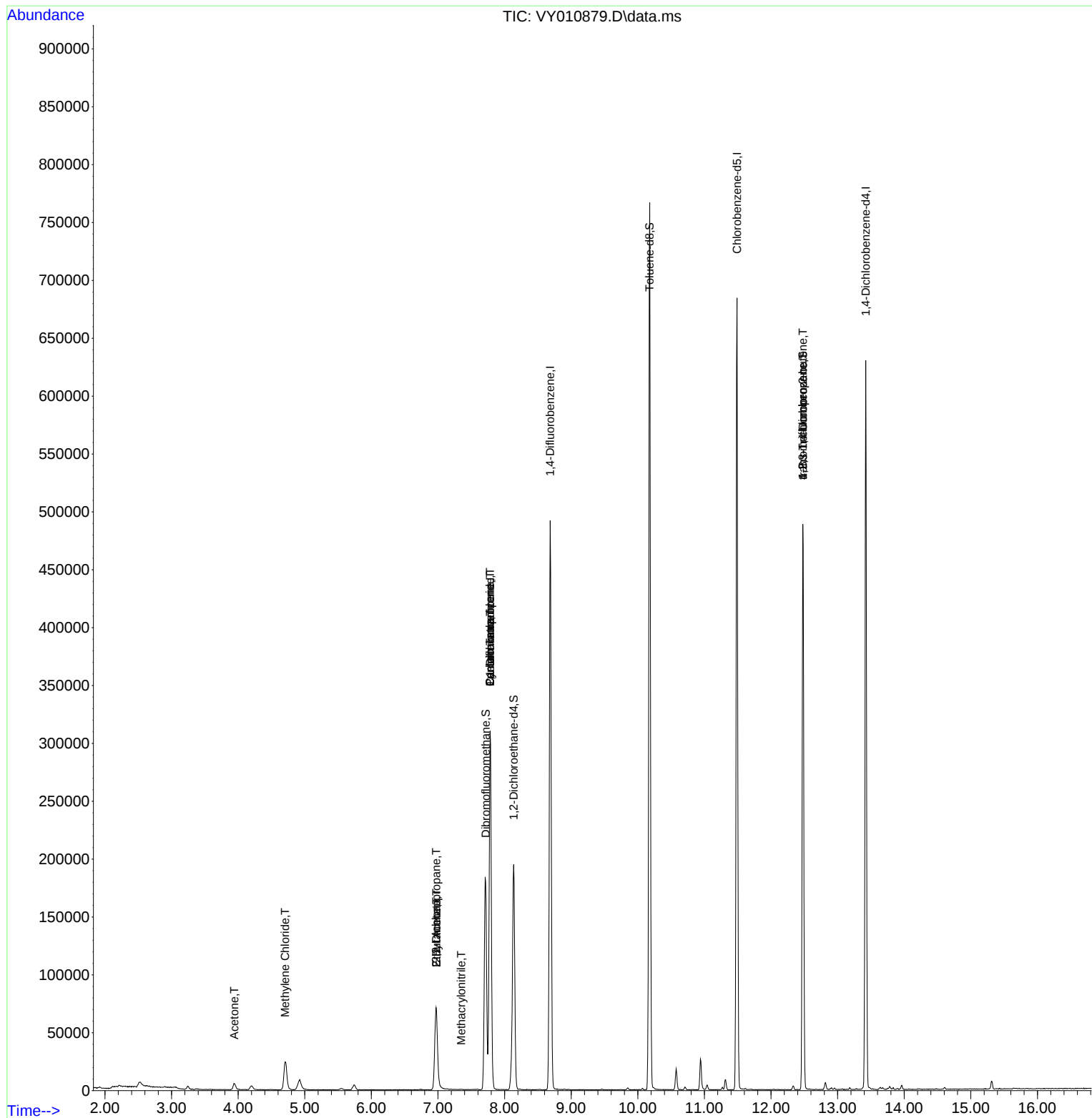
Internal Standards						
1) Pentafluorobenzene	7.783	168	236331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	421116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143398	59.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.720%	
35) Dibromofluoromethane	7.716	113	135155	48.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.700%	
50) Toluene-d8	10.179	98	495829	51.865	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.740%	
62) 4-Bromofluorobenzene	12.477	95	149006	39.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	8644	Below Cal	#	81
16) Acetone	3.942	43	9652	15.865	ug/l	99
20) Methylene Chloride	4.704	84	18346	1.855	ug/l	89
25) 2-Butanone	6.978	43	4539	5.189	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	5299	1.250	ug/l #	55
31) Cyclohexane	7.783	56	5065	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19414	4.811	ug/l #	49
37) Ethyl Acetate	6.978	43	4539	2.292	ug/l #	1
38) Carbon Tetrachloride	7.783	117	23541	5.601	ug/l #	15
41) Methacrylonitrile	7.350	41	21	2.598	ug/l #	90
76) 1,2,3-Trichloropropane	12.477	75	77116	48.546	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77116	101.408	ug/l #	7

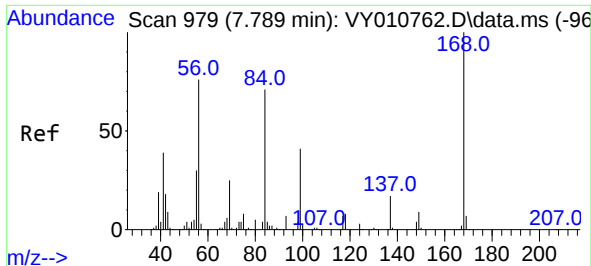
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
Data File : VY010879.D
Acq On : 07 Oct 2022 17:58
Operator : KP/MD
Sample : N5046-09
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-9

Quant Time: Oct 08 04:48:22 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

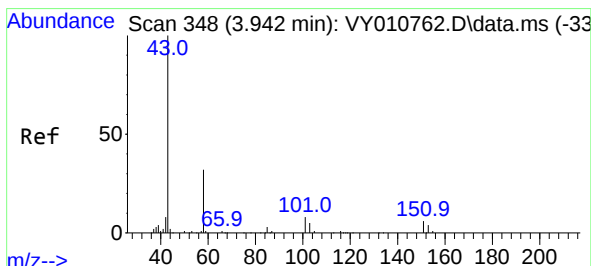
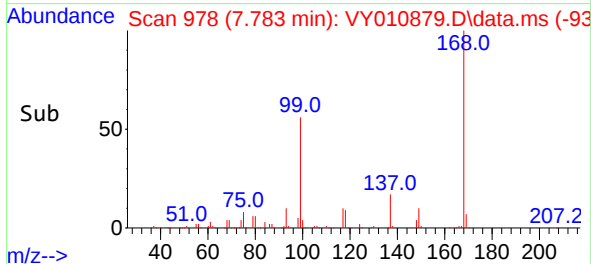
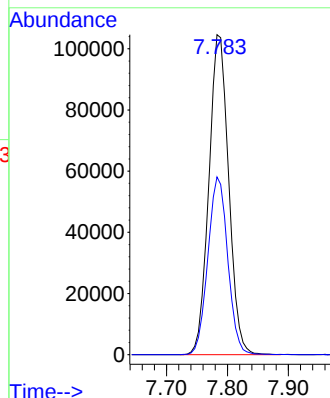
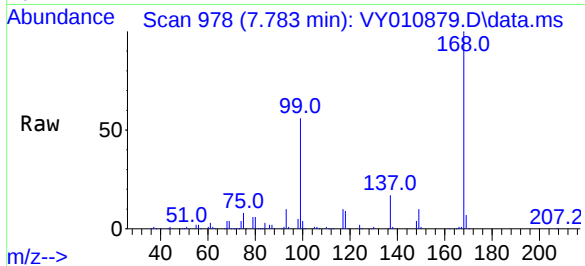




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

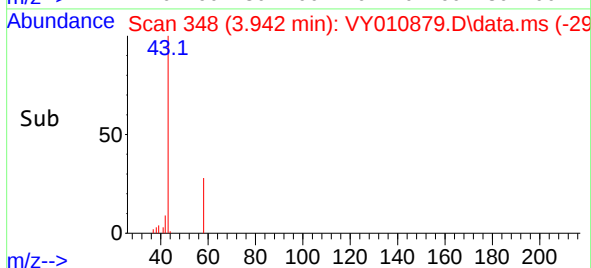
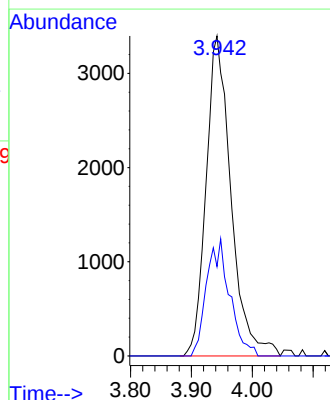
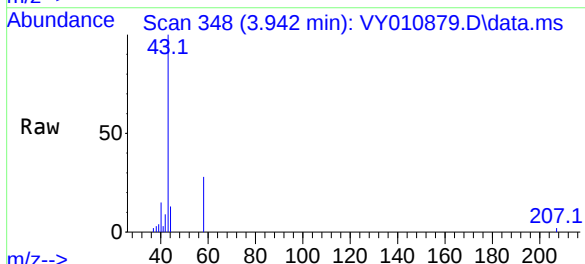
Instrument :
MSVOA_Y
ClientSampleId :
R-9

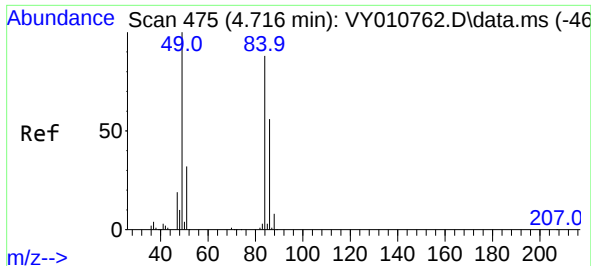
Tgt Ion:168 Resp: 236331
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 15.865 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 43 Resp: 9652
Ion Ratio Lower Upper
43 100
58 28.0 22.0 33.0



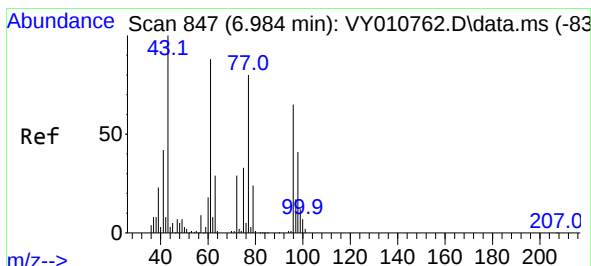
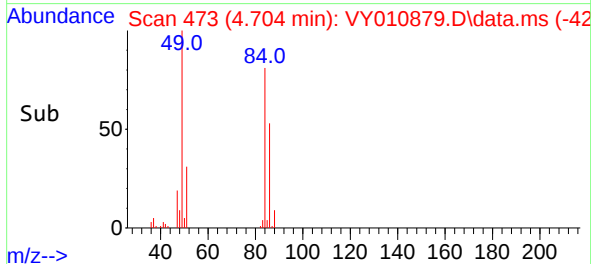
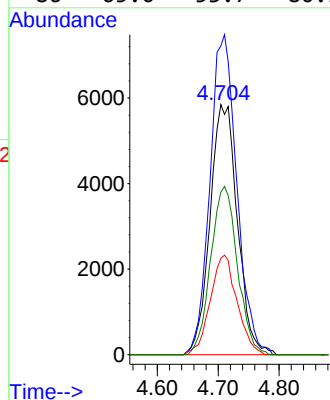
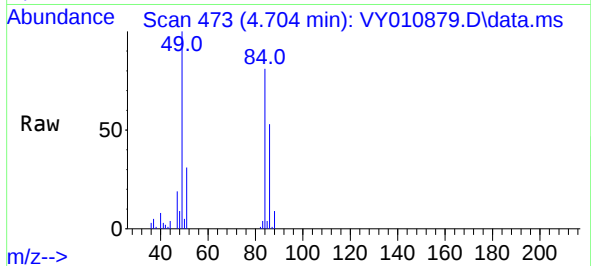


#20
Methylene Chloride
Concen: 1.855 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Instrument :
MSVOA_Y
ClientSampleId :
R-9

Tgt Ion: 84 Resp: 18346

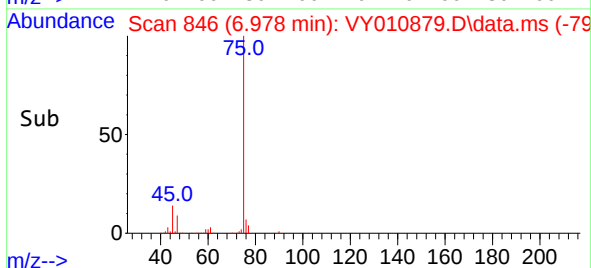
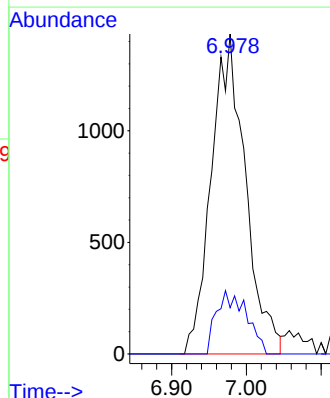
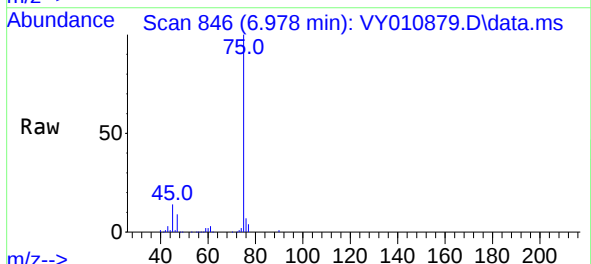
Ion	Ratio	Lower	Upper
84	100		
49	123.5	114.4	171.6
51	38.5	35.3	52.9
86	65.0	53.7	80.5

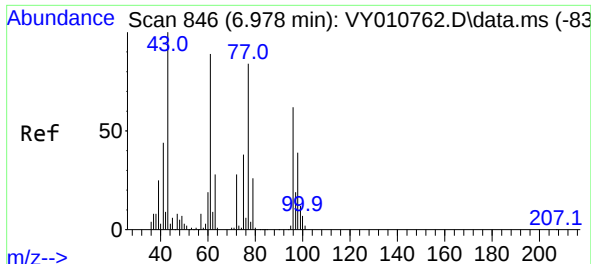


#25
2-Butanone
Concen: 5.189 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 43 Resp: 4539

Ion	Ratio	Lower	Upper
43	100		
72	14.4	17.7	26.5

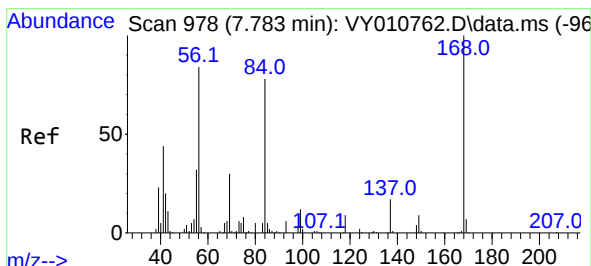
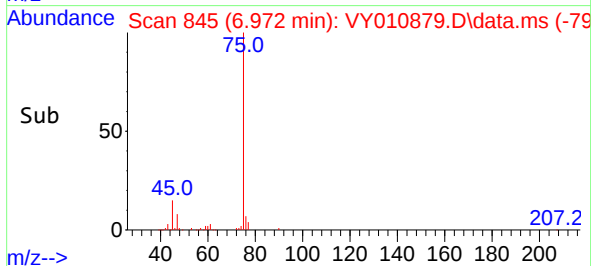
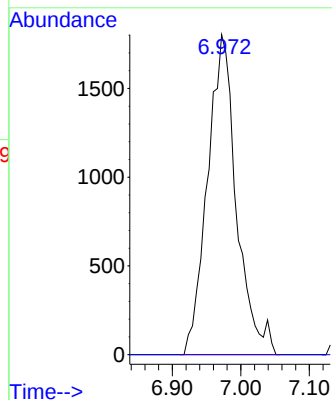
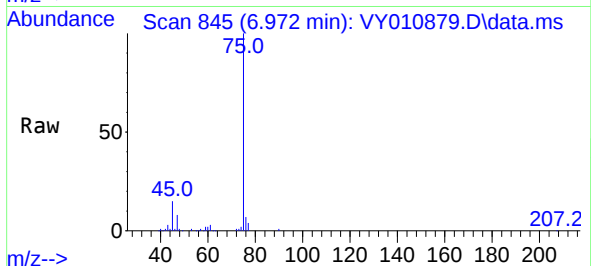




#26
2,2-Dichloropropane
Concen: 1.250 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

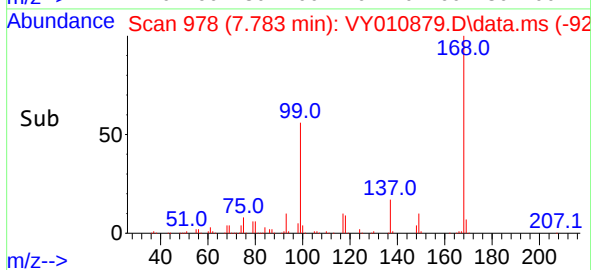
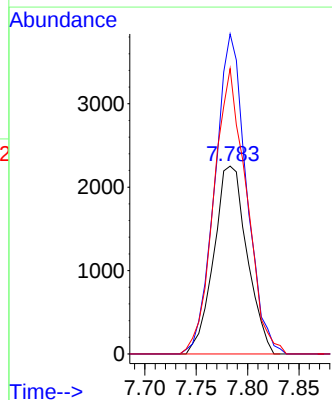
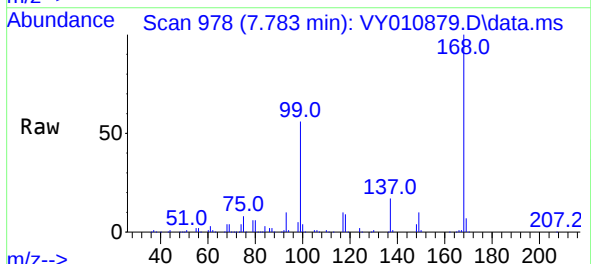
Instrument :
MSVOA_Y
ClientSampleId :
R-9

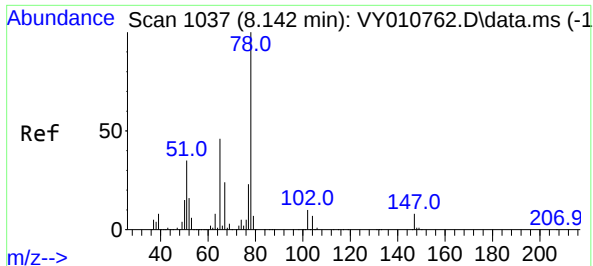
Tgt Ion: 77 Resp: 5299
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 56 Resp: 5065
Ion Ratio Lower Upper
56 100
69 170.4 26.7 40.1#
84 152.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.861 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010879.D

Acq: 07 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

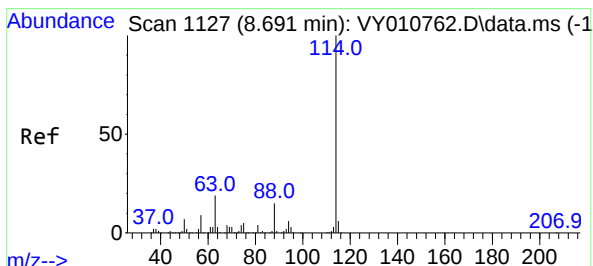
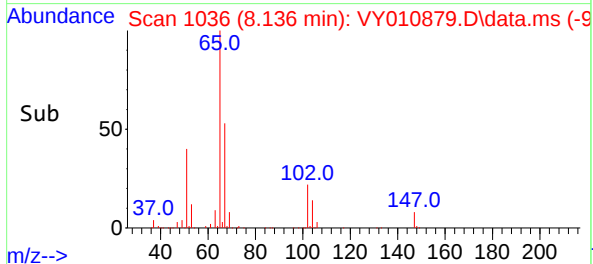
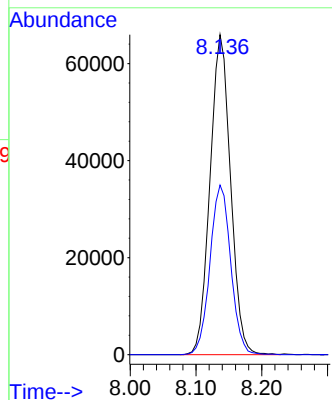
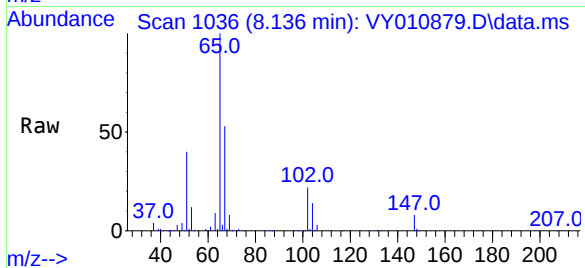
R-9

Tgt Ion: 65 Resp: 143398

Ion Ratio Lower Upper

65 100

67 53.5 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: VY010879.D

Acq: 07 Oct 2022 17:58

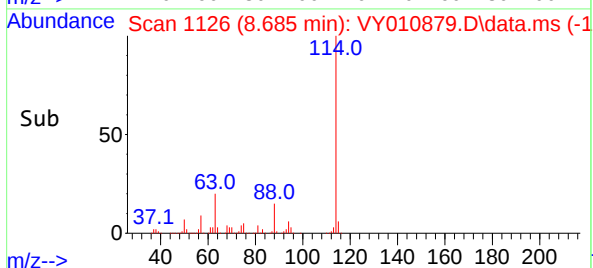
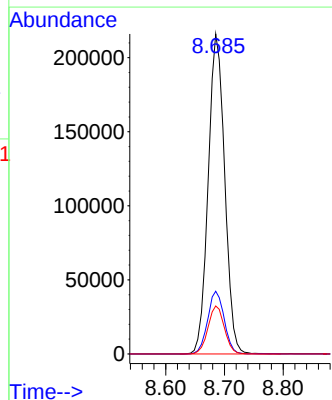
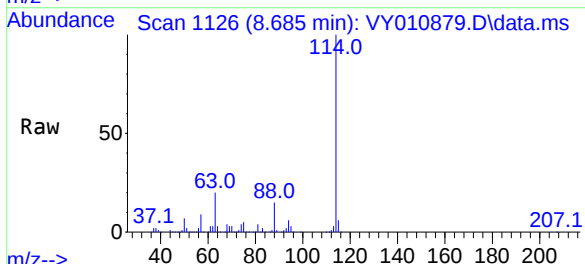
Tgt Ion: 114 Resp: 421116

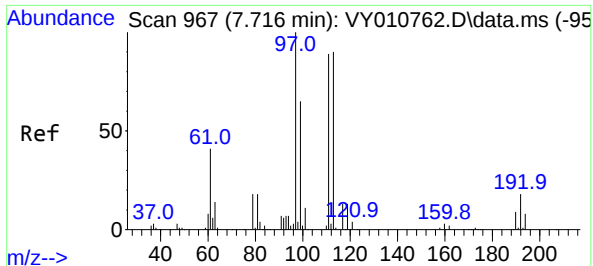
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.0 0.0 31.8

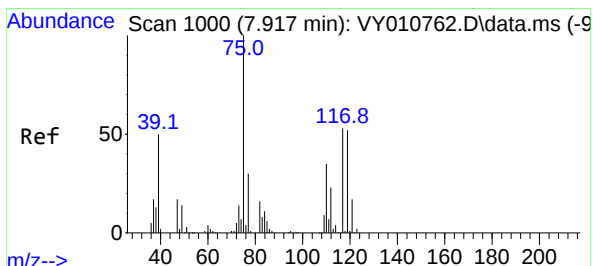
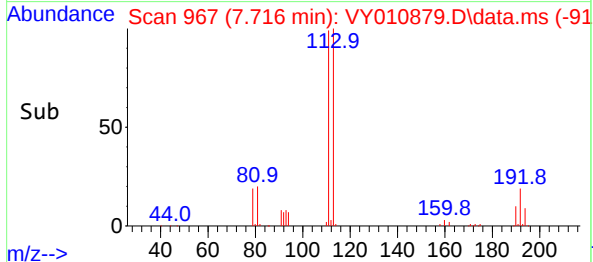
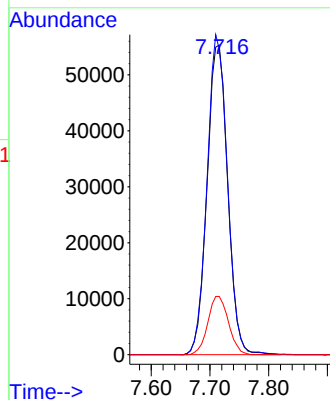
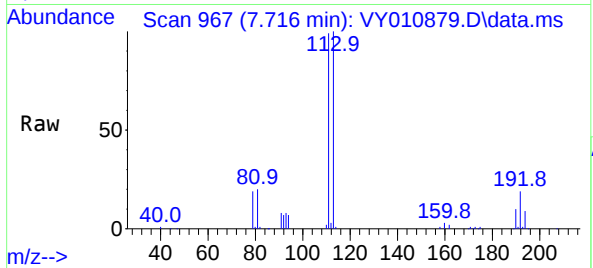




#35
Dibromofluoromethane
Concen: 48.349 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

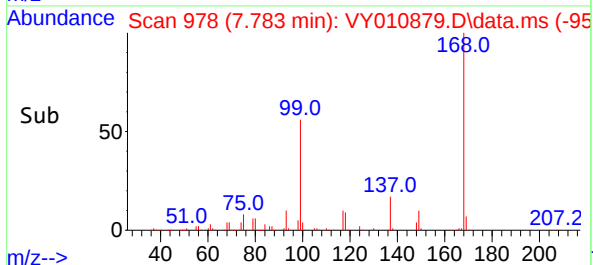
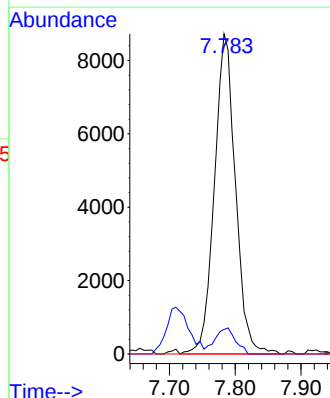
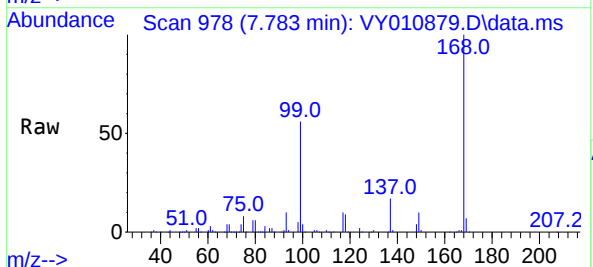
Instrument :
MSVOA_Y
ClientSampleId :
R-9

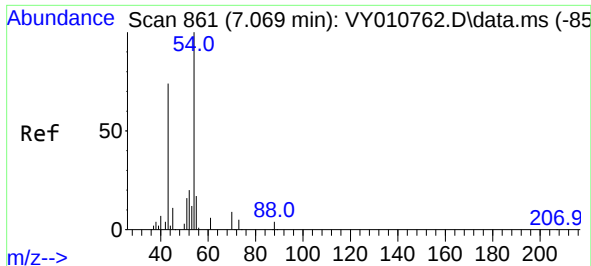
Tgt Ion:113 Resp: 135155
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 75 Resp: 19414
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.292 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY010879.D

Acq: 07 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

R-9

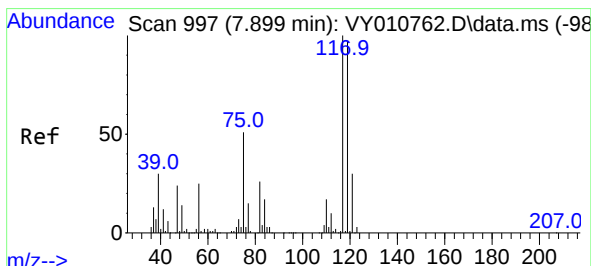
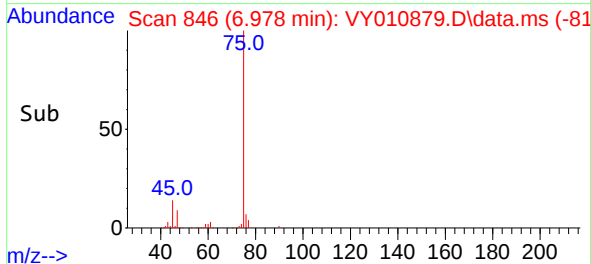
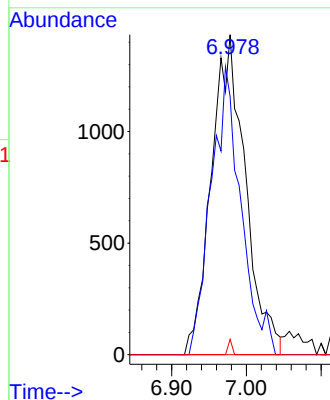
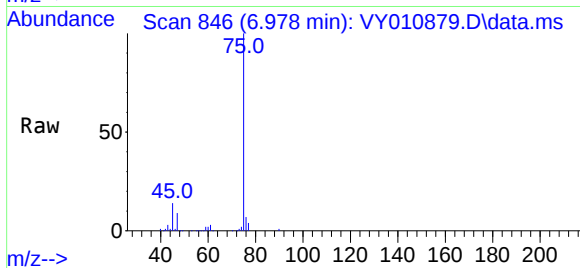
Tgt Ion: 43 Resp: 4539

Ion Ratio Lower Upper

43 100

61 79.0 9.7 14.5#

70 0.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.601 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010879.D

Acq: 07 Oct 2022 17:58

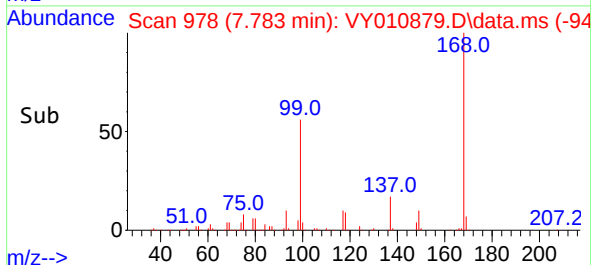
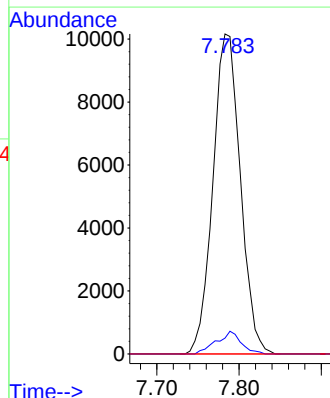
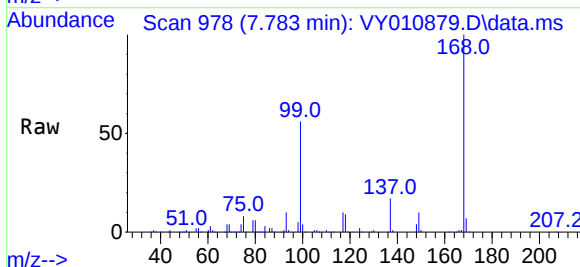
Tgt Ion: 117 Resp: 23541

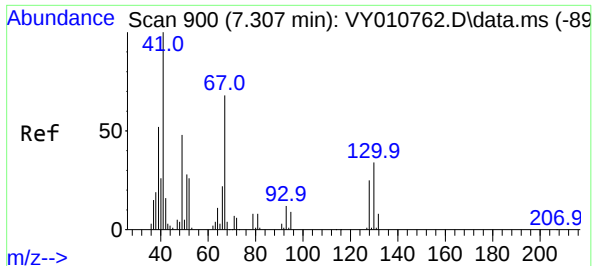
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#



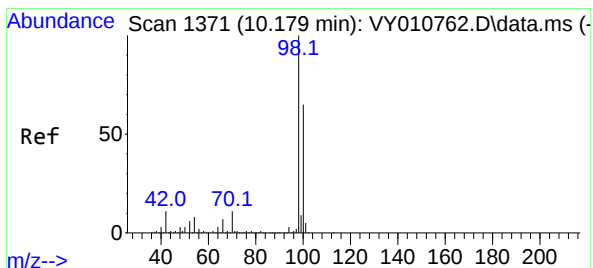
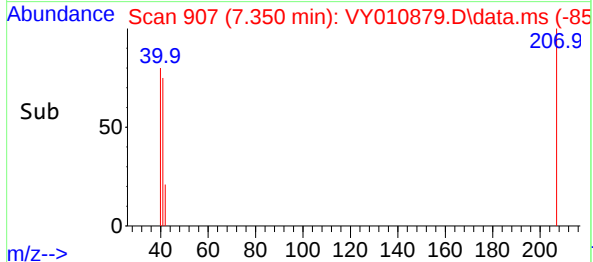
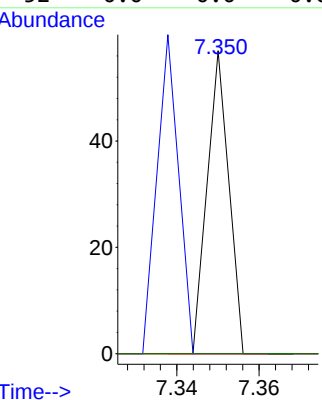
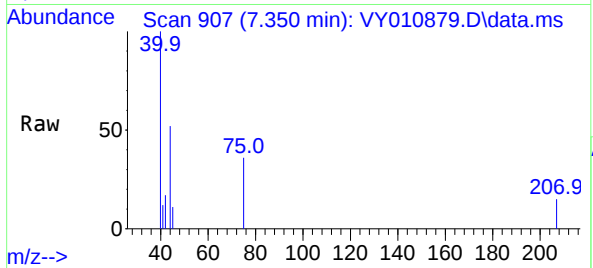


#41
Methacrylonitrile
Concen: 2.598 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Instrument :
MSVOA_Y
ClientSampleId :
R-9

Tgt Ion: 41 Resp: 21

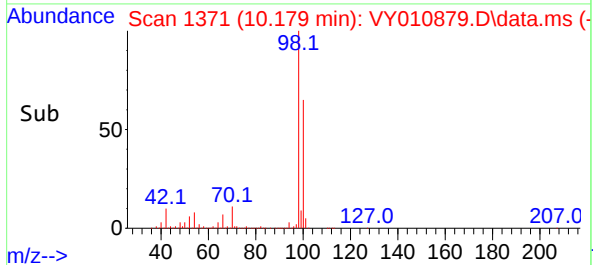
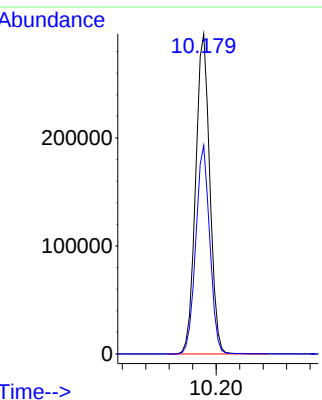
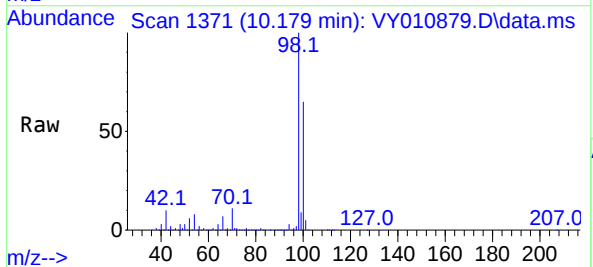
Ion	Ratio	Lower	Upper
41	100		
39	104.8	92.9	139.3
67	0.0	0.0	0.0
52	0.0	0.0	0.0

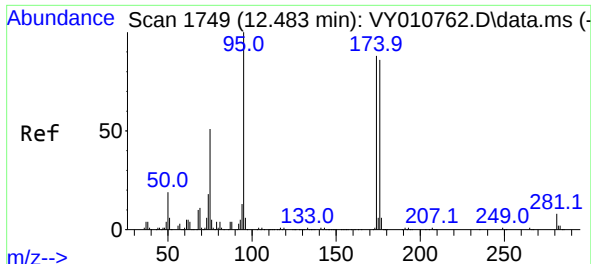


#50
Toluene-d8
Concen: 51.865 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 98 Resp: 495829

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.2	75.2

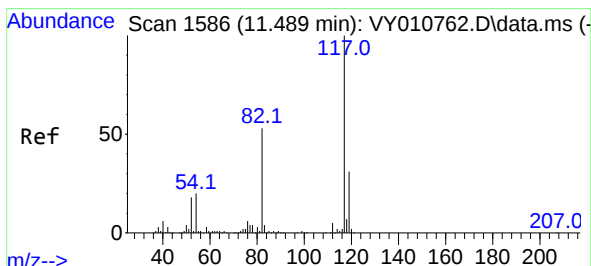
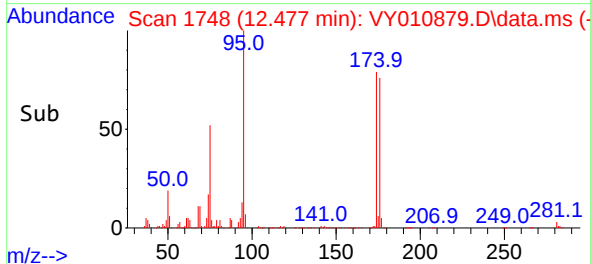
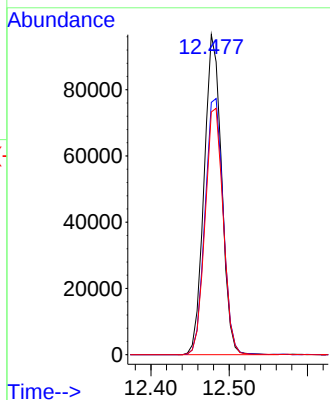
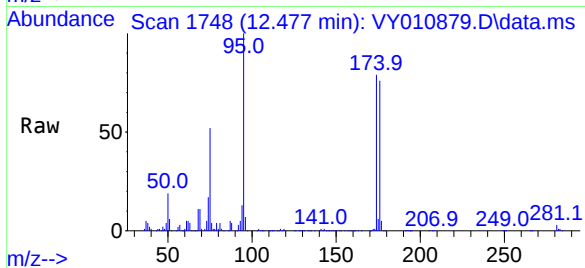




#62
4-Bromofluorobenzene
Concen: 39.093 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

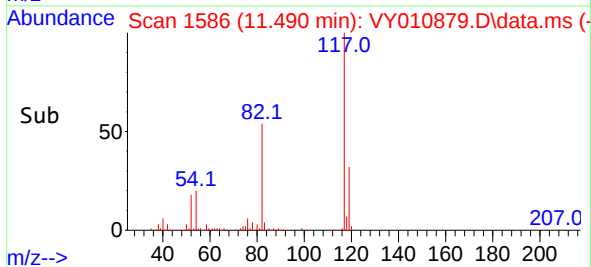
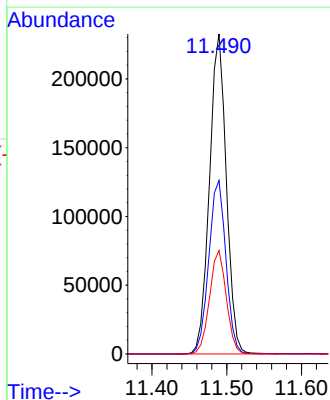
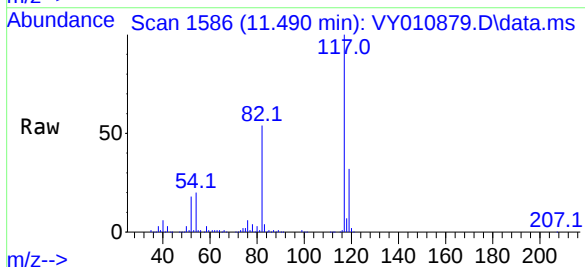
Instrument :
MSVOA_Y
ClientSampleId :
R-9

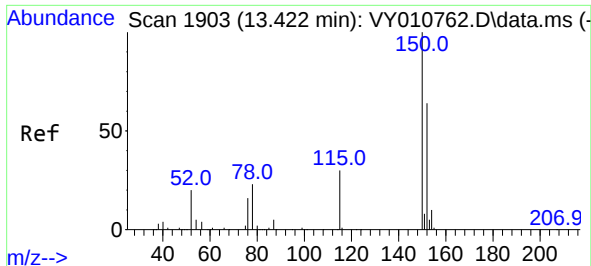
Tgt Ion: 95 Resp: 149006
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 117 Resp: 365647
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.3 25.4 38.0

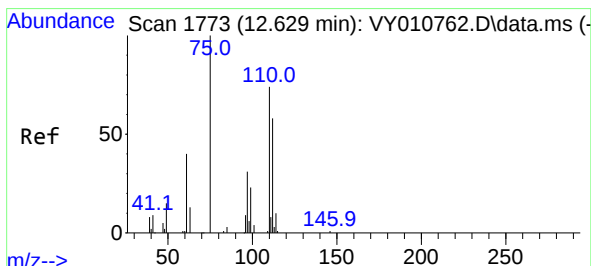
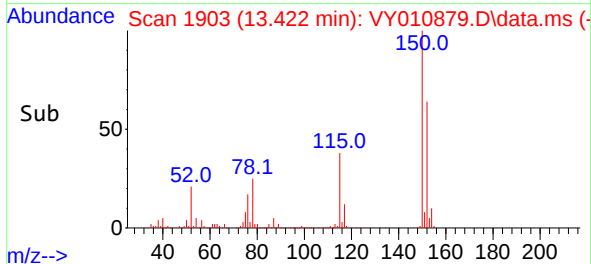
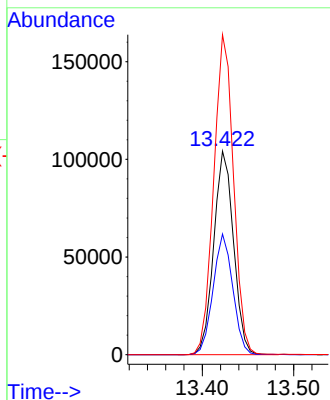
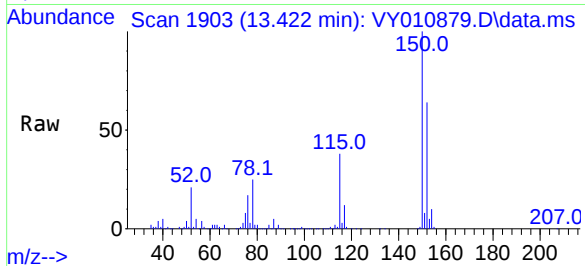




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

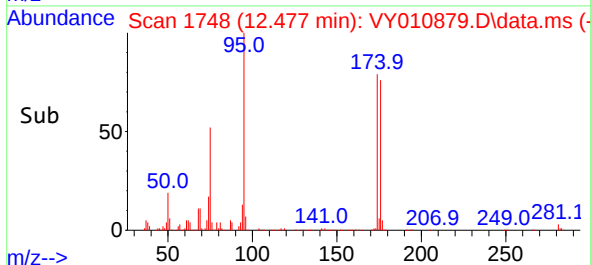
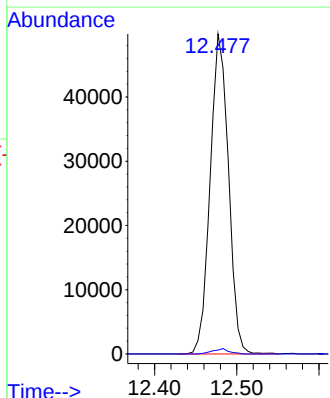
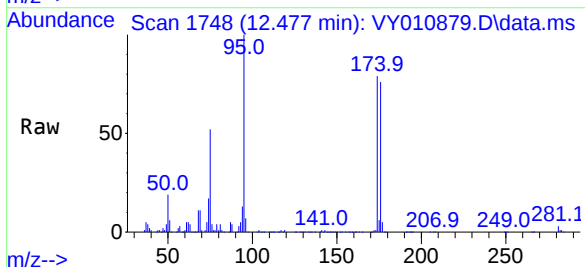
Instrument :
MSVOA_Y
ClientSampleId :
R-9

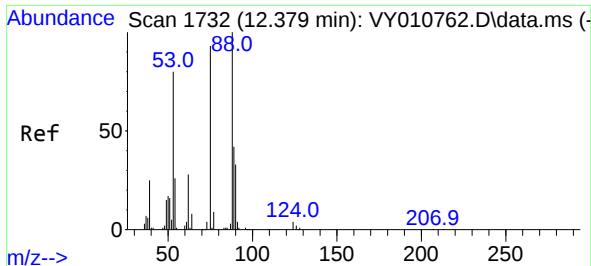
Tgt Ion:152 Resp: 156861
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 157.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

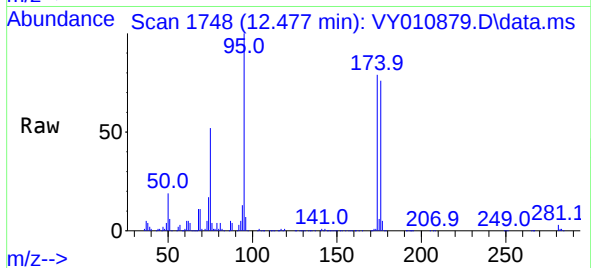
Tgt Ion: 75 Resp: 77116
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.408 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010879.D
 Acq: 07 Oct 2022 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-9



Tgt Ion: 75 Resp: 77116
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

