

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010864.D
 Acq On : 07 Oct 2022 12:15
 Operator : KP/MD
 Sample : N5004-15RE
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-7-18RE

Quant Time: Oct 08 04:46:12 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)

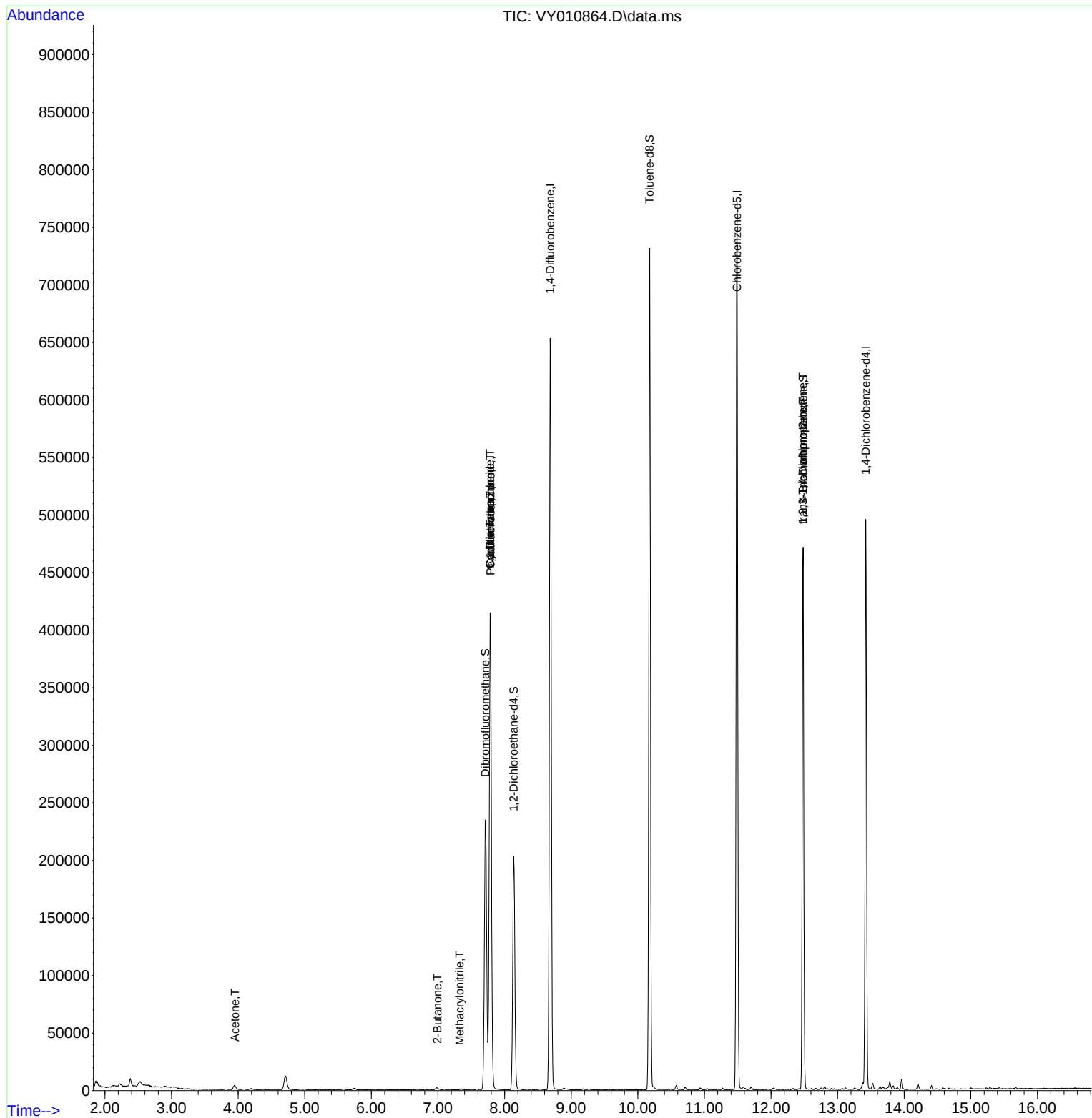
Internal Standards						
1) Pentafluorobenzene	7.789	168	318290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	557426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	417768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157316	48.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.520%
35) Dibromofluoromethane	7.710	113	169249	45.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.179	98	472300	37.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.640%
62) 4-Bromofluorobenzene	12.483	95	141058	26.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	53.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	667	Below Cal	#	77
16) Acetone	3.954	43	6712	8.191	ug/l	90
20) Methylene Chloride	4.710	84	9006	Below Cal		87
25) 2-Butanone	6.990	43	2068	1.755	ug/l #	87
31) Cyclohexane	7.783	56	6776	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24800	4.643	ug/l #	51
38) Carbon Tetrachloride	7.783	117	31484	5.659	ug/l #	16
41) Methacrylonitrile	7.326	41	110	2.649	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	72351	56.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72351	118.780	ug/l #	7

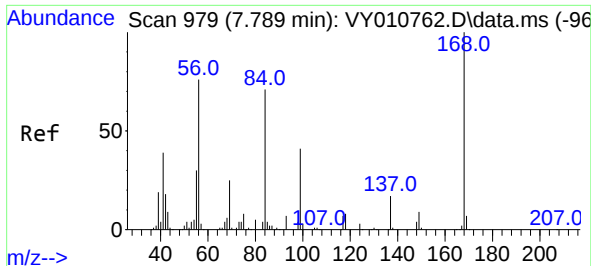
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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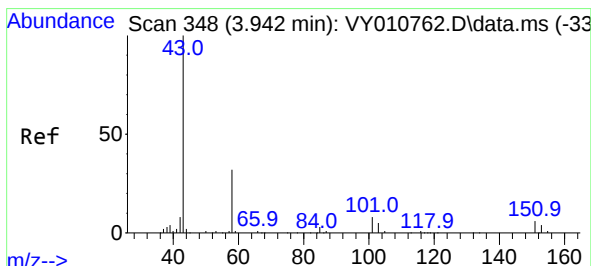
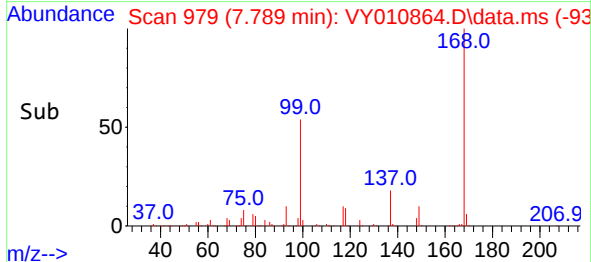
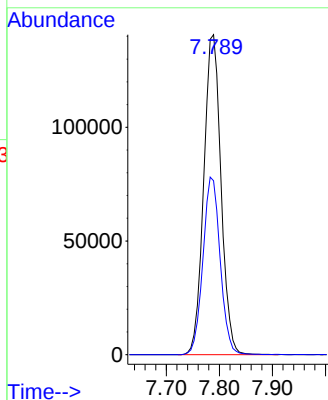
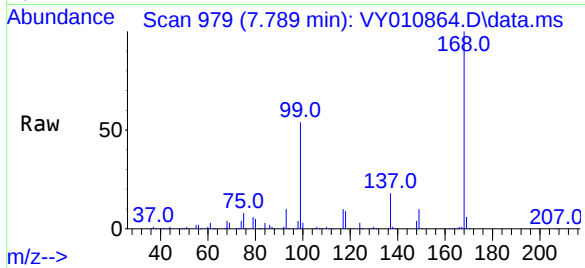




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

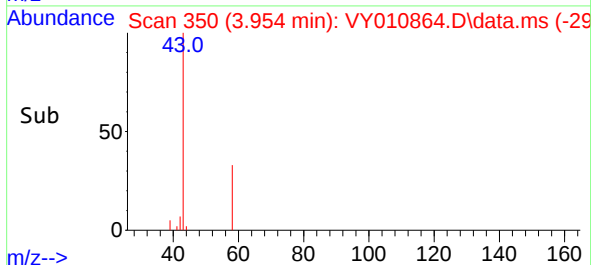
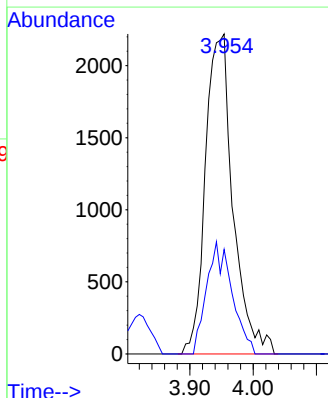
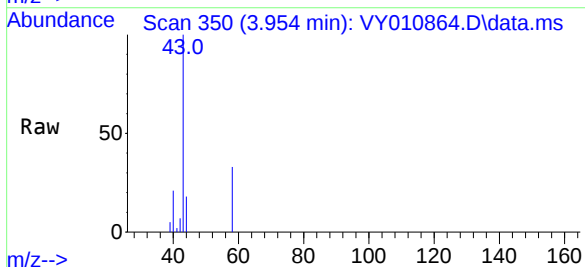
Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18RE

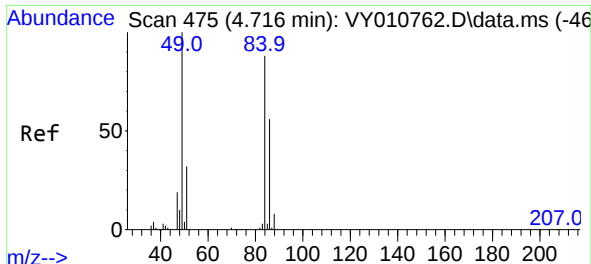
Tgt Ion:168 Resp: 318290
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 8.191 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion: 43 Resp: 6712
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0



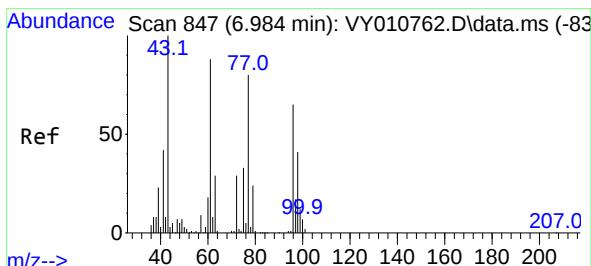
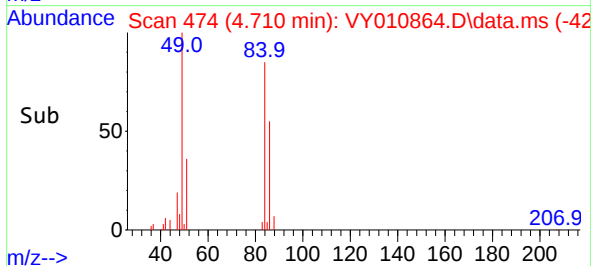
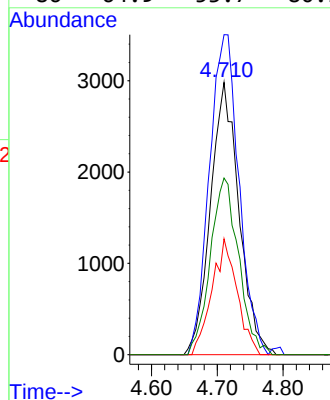
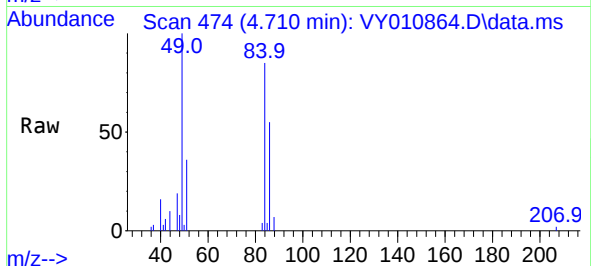


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18RE

Tgt Ion: 84 Resp: 9006

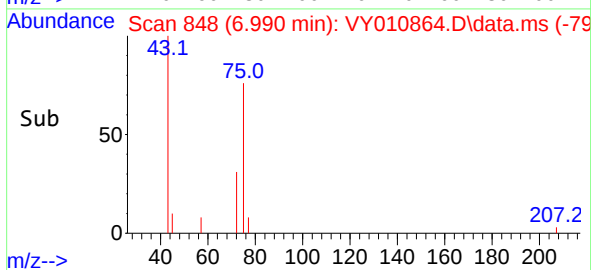
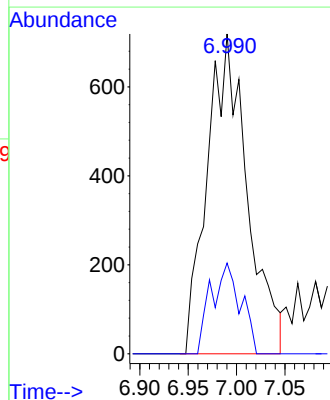
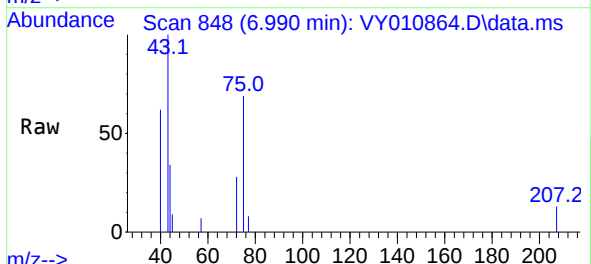
Ion	Ratio	Lower	Upper
84	100		
49	117.5	114.4	171.6
51	42.6	35.3	52.9
86	64.9	53.7	80.5

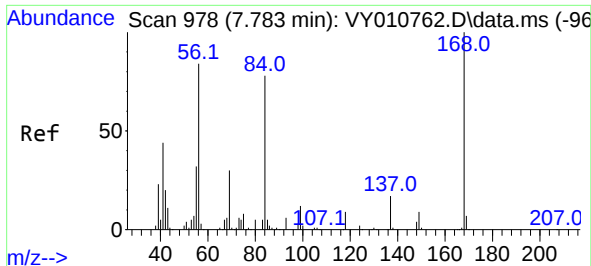


#25
2-Butanone
Concen: 1.755 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion: 43 Resp: 2068

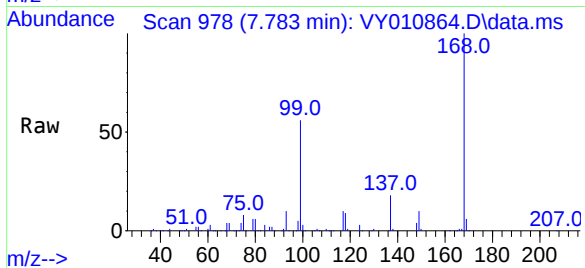
Ion	Ratio	Lower	Upper
43	100		
72	28.4	17.7	26.5



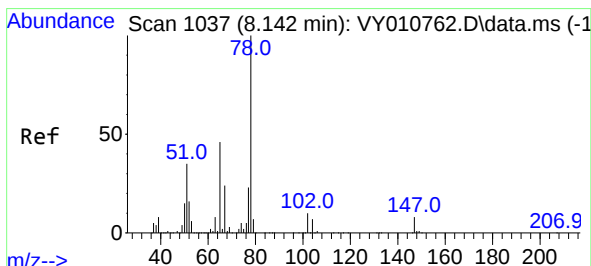
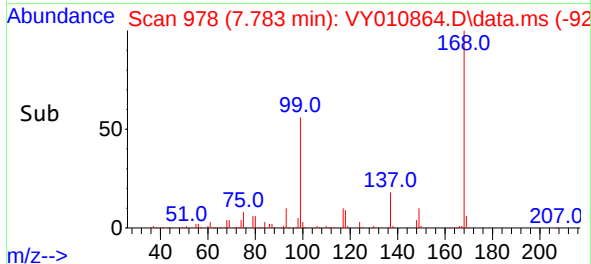
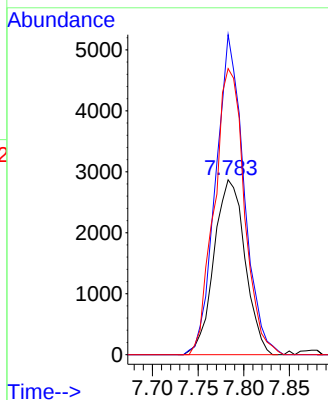


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18RE

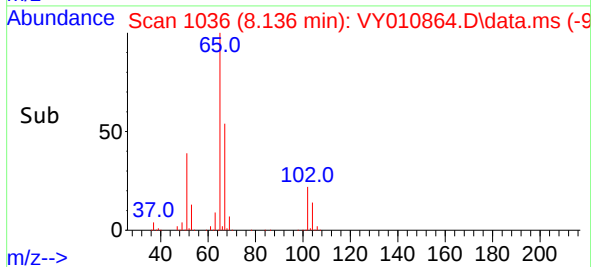
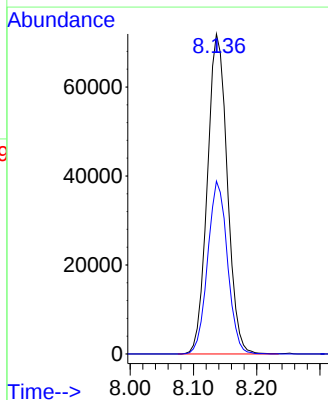
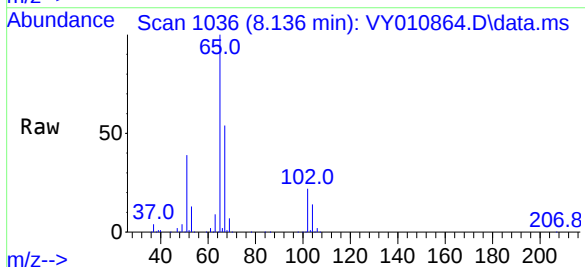


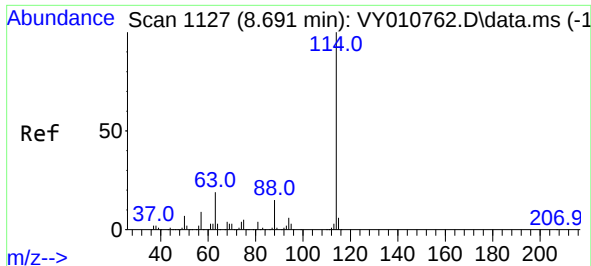
Tgt Ion: 56 Resp: 6776
Ion Ratio Lower Upper
56 100
69 183.1 26.7 40.1#
84 163.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.761 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion: 65 Resp: 157316
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# 11

Delta R.T. -0.006 min

Lab File: VY010864.D

Acq: 07 Oct 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

DA-7-18RE

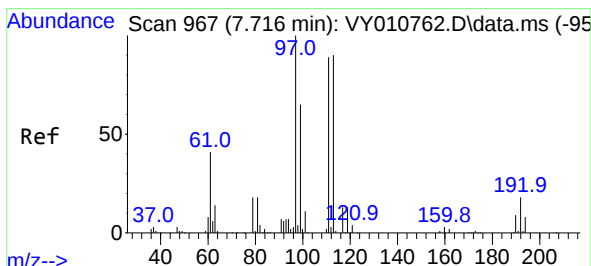
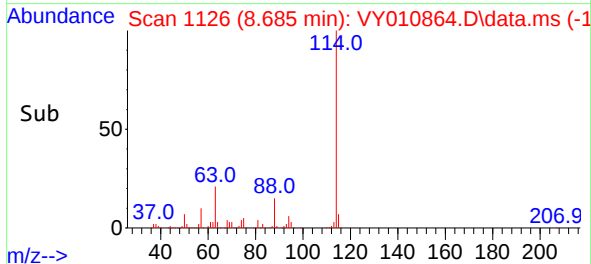
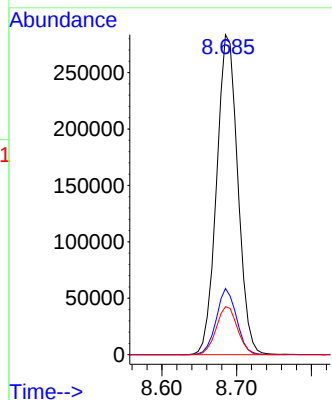
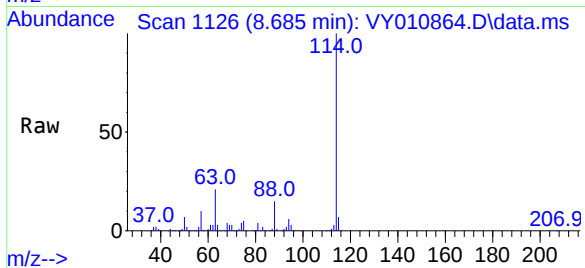
Tgt Ion:114 Resp: 557426

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.740 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010864.D

Acq: 07 Oct 2022 12:15

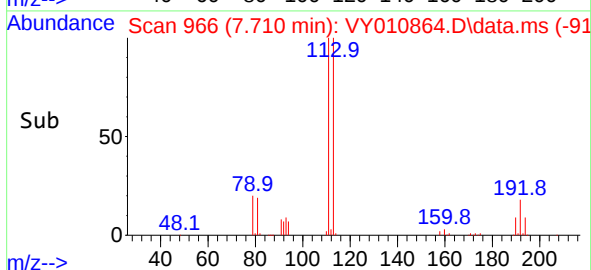
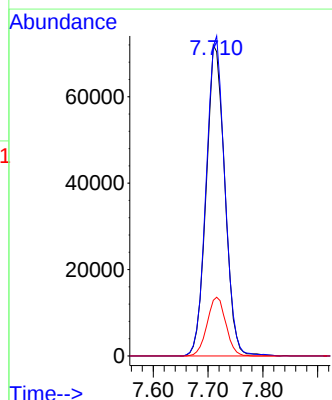
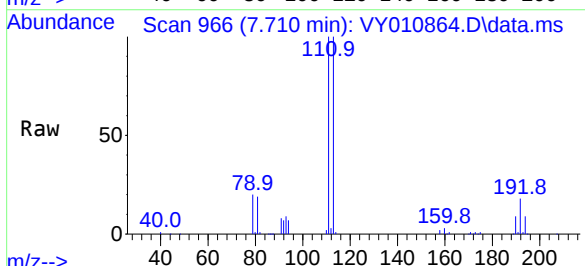
Tgt Ion:113 Resp: 169249

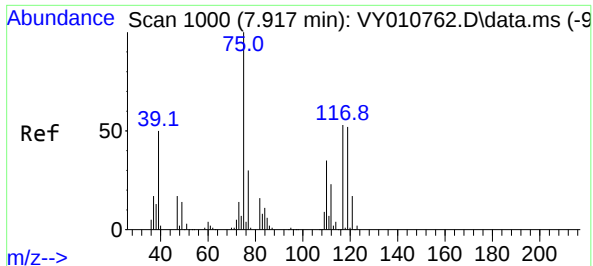
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010864.D

Acq: 07 Oct 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

DA-7-18RE

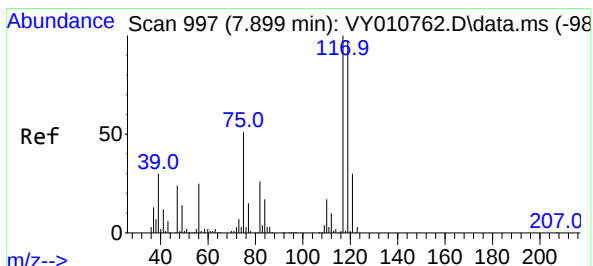
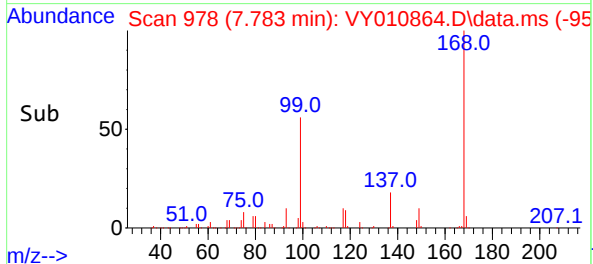
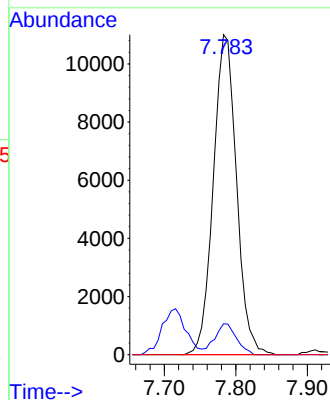
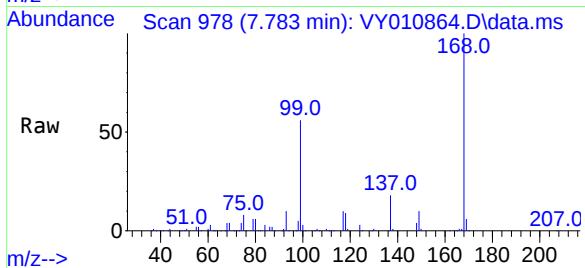
Tgt Ion: 75 Resp: 24800

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010864.D

Acq: 07 Oct 2022 12:15

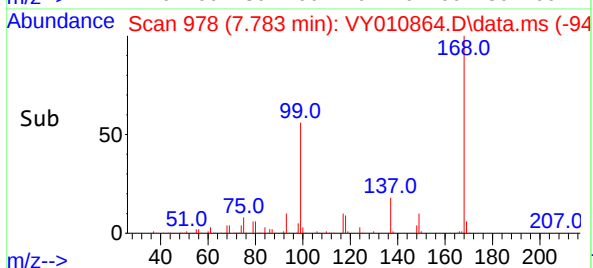
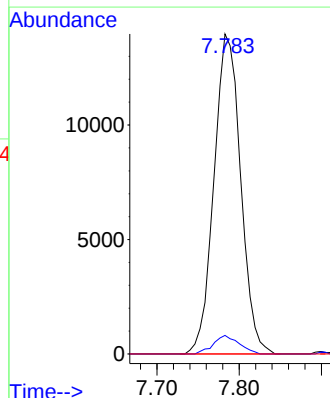
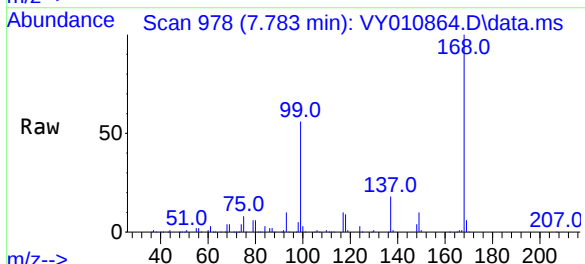
Tgt Ion: 117 Resp: 31484

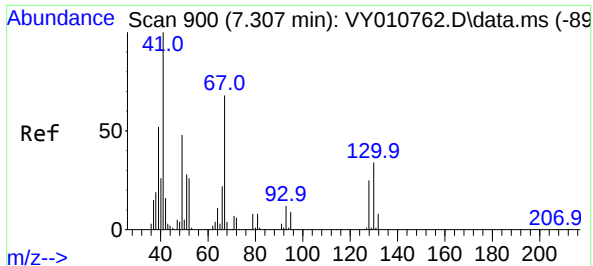
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

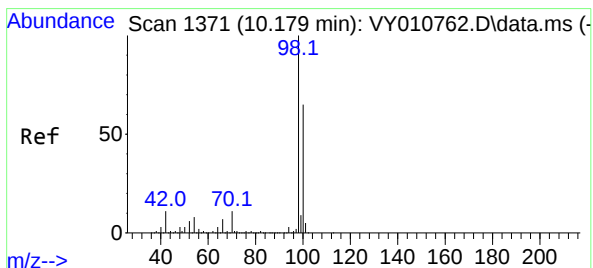
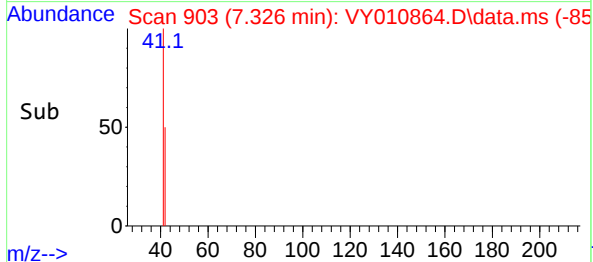
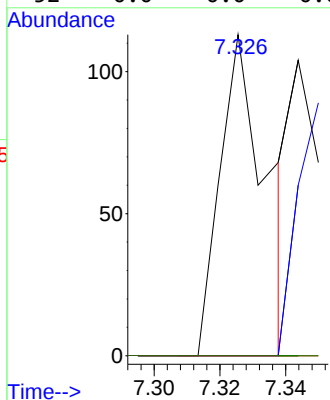
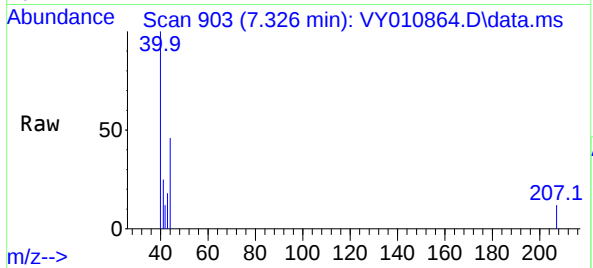




#41
Methacrylonitrile
Concen: 2.649 ug/l
RT: 7.326 min Scan# 900
Delta R.T. 0.019 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

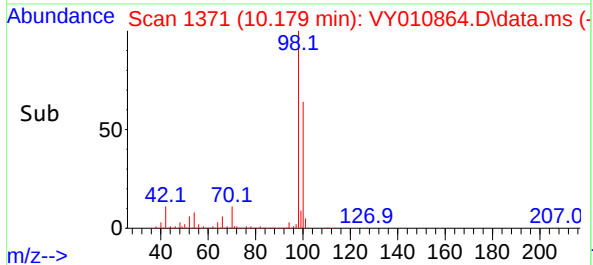
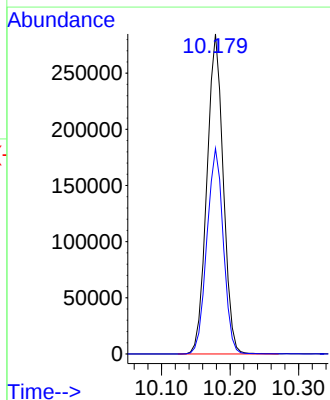
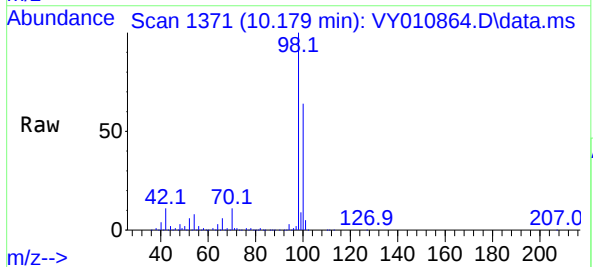
Instrument :
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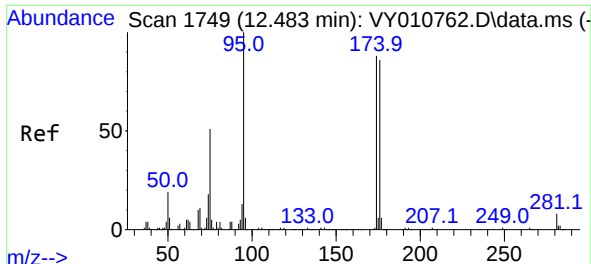
Tgt Ion: 41	Resp: 110
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 37.323 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion: 98	Resp: 472300
Ion Ratio	Lower Upper
98 100	
100 64.5	50.2 75.2

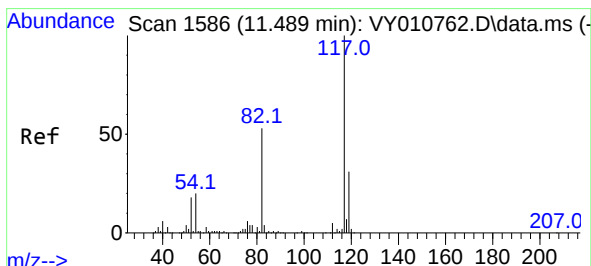
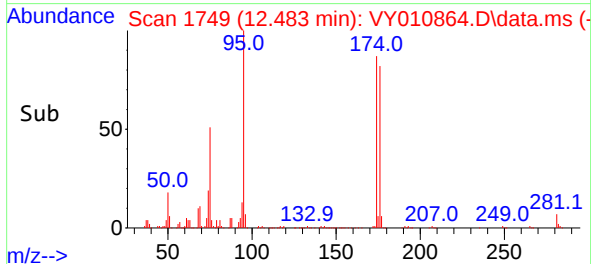
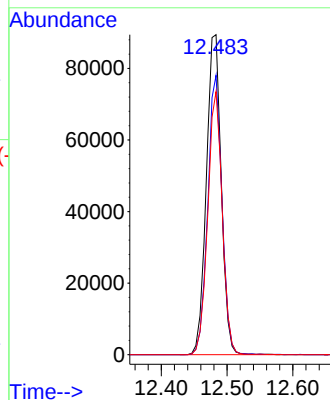
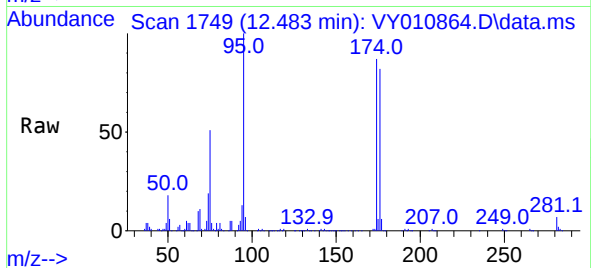




#62
4-Bromofluorobenzene
Concen: 26.827 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

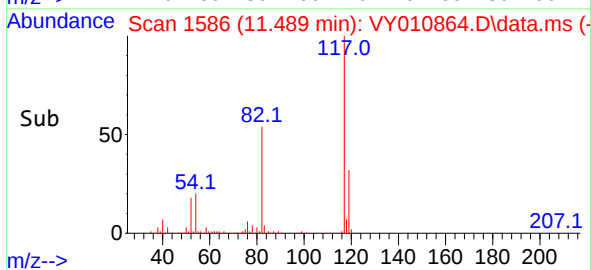
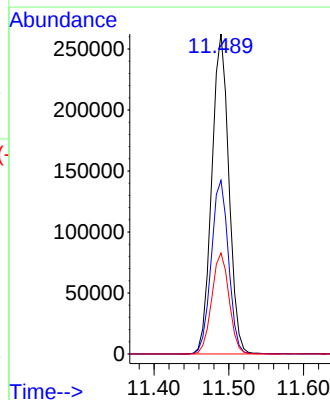
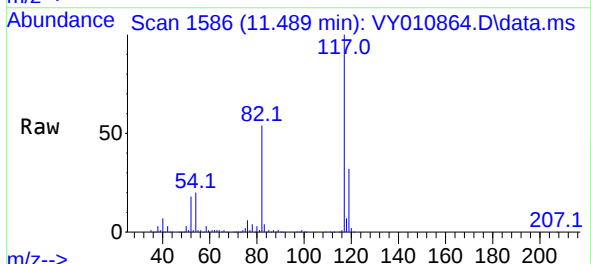
Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18RE

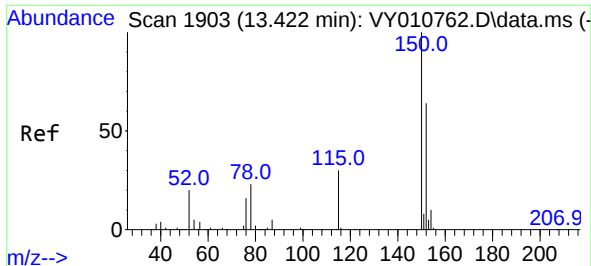
Tgt Ion: 95 Resp: 141058
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion: 117 Resp: 417768
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.6 25.4 38.0

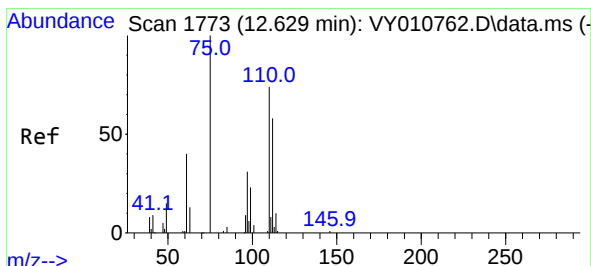
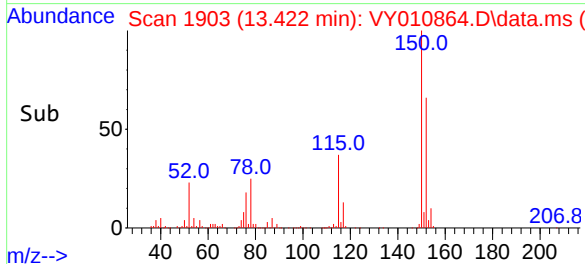
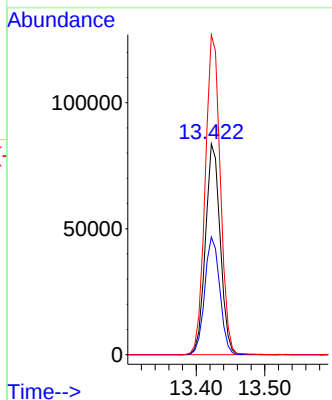
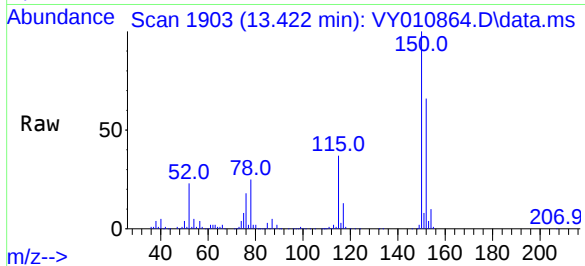




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010864.D
 Acq: 07 Oct 2022 12:15

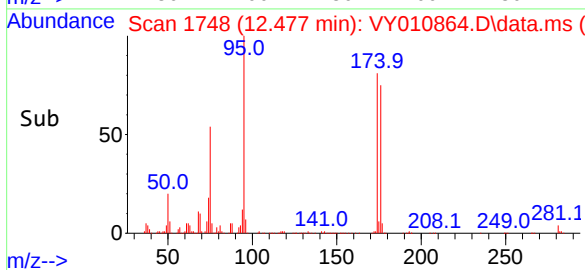
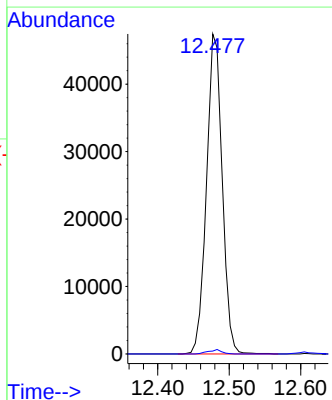
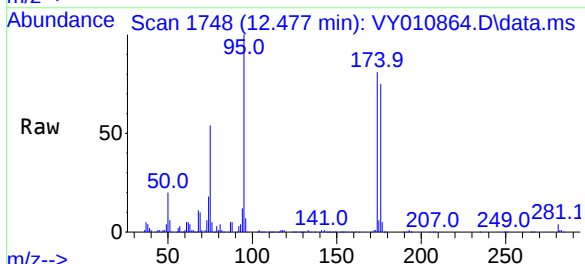
Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-7-18RE

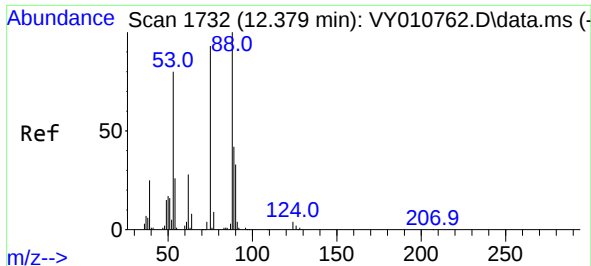
Tgt Ion:152 Resp: 125645
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 154.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 56.862 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010864.D
 Acq: 07 Oct 2022 12:15

Tgt Ion: 75 Resp: 72351
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.780 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010864.D
 Acq: 07 Oct 2022 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-7-18RE

Tgt Ion: 75 Resp: 72351
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

