

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010962.D
 Acq On : 13 Oct 2022 16:55
 Operator : KP/MD
 Sample : N5135-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-101322

Quant Time: Oct 14 02:12:11 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)

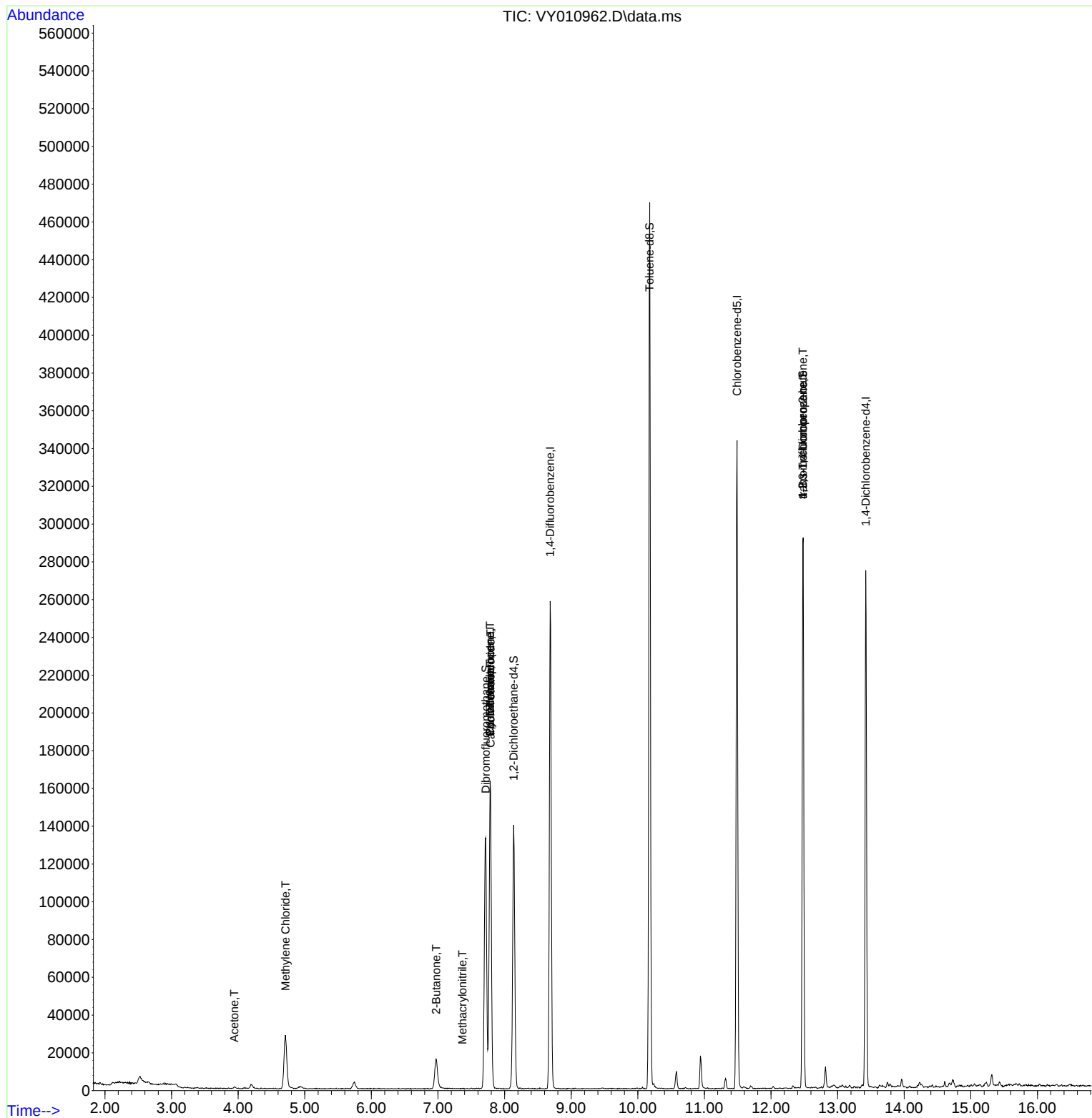
Internal Standards						
1) Pentafluorobenzene	7.783	168	126126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103956	81.314	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 162.620%			
35) Dibromofluoromethane	7.716	113	97519	65.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.240%			
50) Toluene-d8	10.179	98	307569	60.514	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 121.020%			
62) 4-Bromofluorobenzene	12.477	95	92348	46.229	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.460%			
Target Compounds						
11) Tert butyl alcohol	4.936	59	1811	Below Cal	#	81
16) Acetone	3.942	43	1383	4.259	ug/l #	88
20) Methylene Chloride	4.710	84	21407	10.970	ug/l #	83
25) 2-Butanone	6.972	43	1165	2.496	ug/l	92
31) Cyclohexane	7.783	56	2587	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9648	4.497	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12750	5.706	ug/l #	16
41) Methacrylonitrile	7.368	41	42	2.646	ug/l #	52
76) 1,2,3-Trichloropropane	12.477	75	46840	64.633	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46840	135.012	ug/l #	7

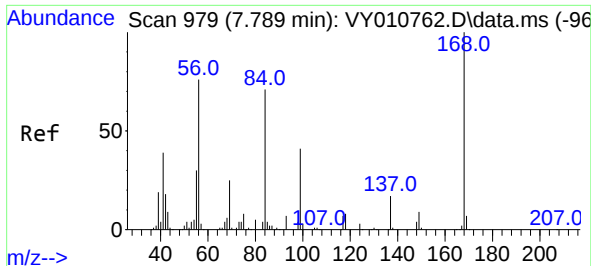
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

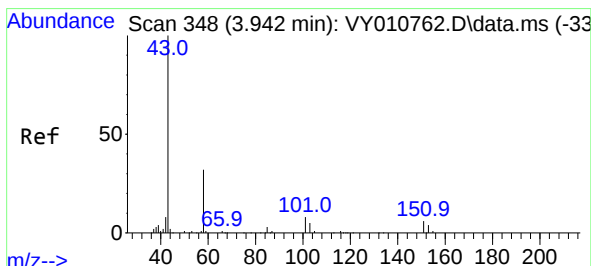
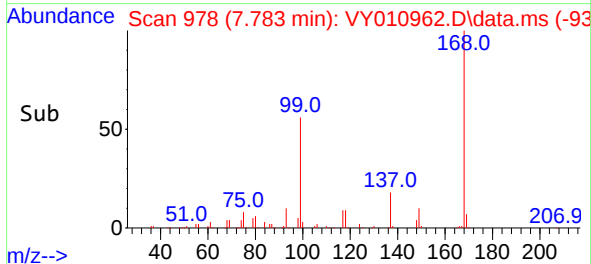
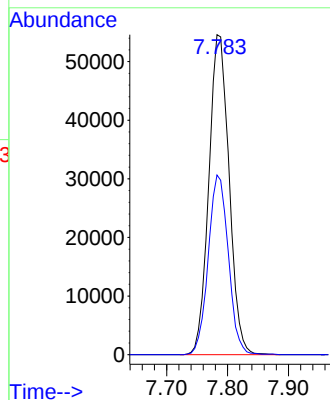
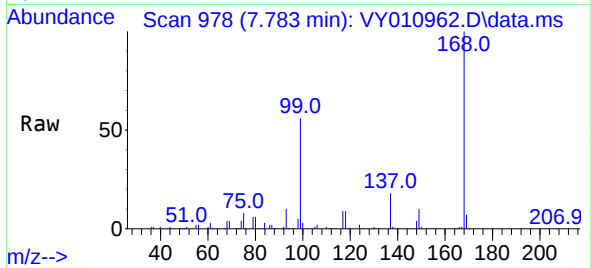




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

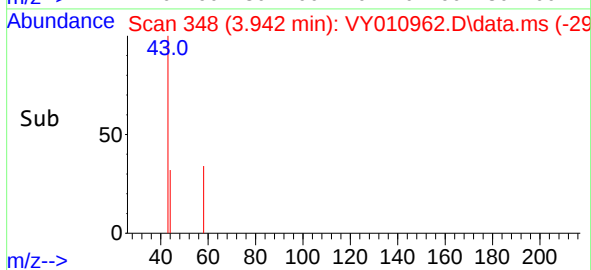
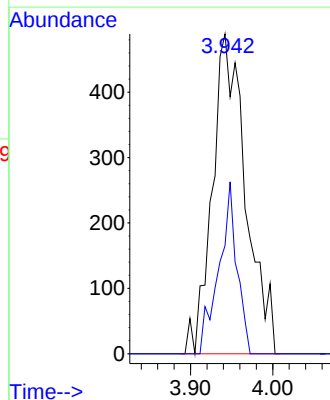
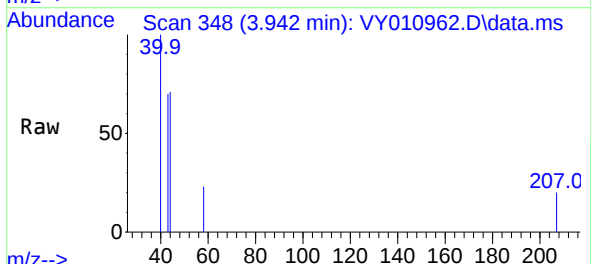
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-101322

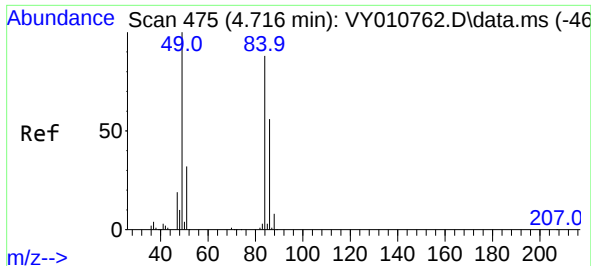
Tgt Ion:168 Resp: 126126
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#16
Acetone
Concen: 4.259 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

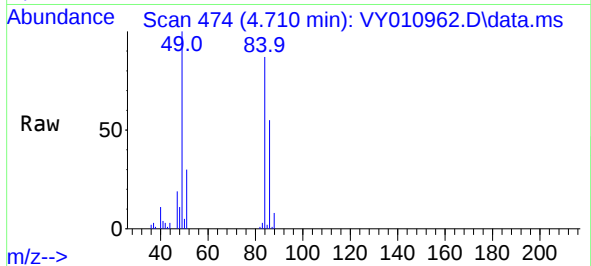
Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#





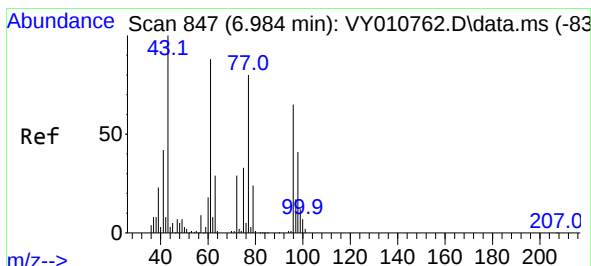
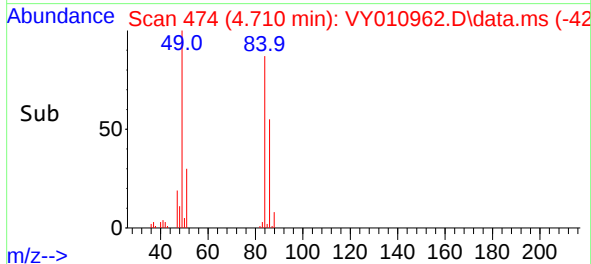
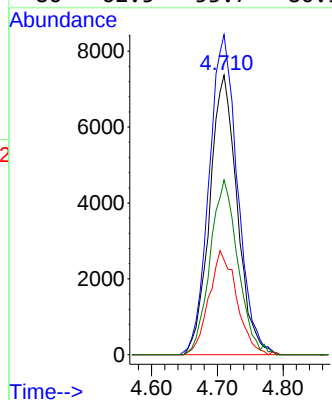
#20
Methylene Chloride
Concen: 10.970 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-101322



Tgt Ion: 84 Resp: 21407

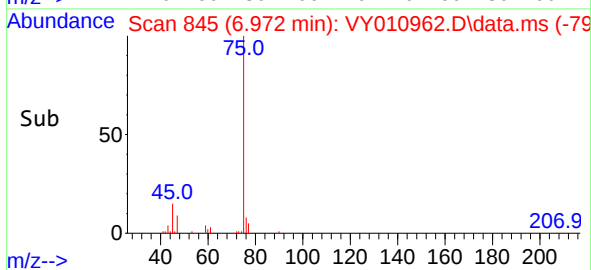
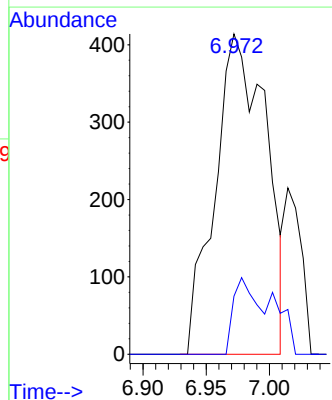
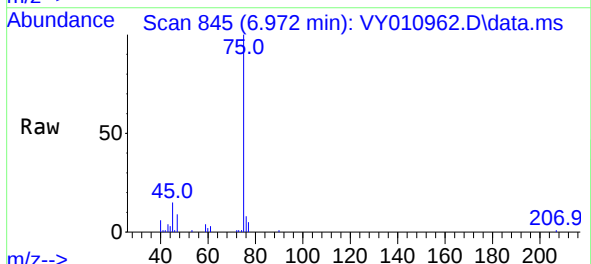
Ion	Ratio	Lower	Upper
84	100		
49	114.5	114.4	171.6
51	33.9	35.3	52.9#
86	62.5	53.7	80.5

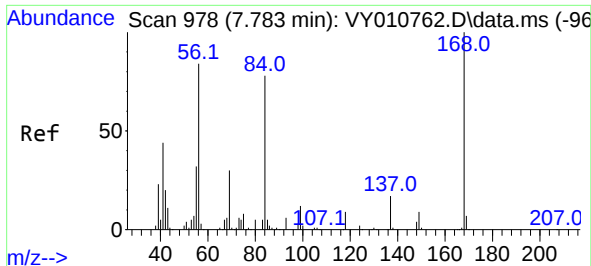


#25
2-Butanone
Concen: 2.496 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

Tgt Ion: 43 Resp: 1165

Ion	Ratio	Lower	Upper
43	100		
72	18.1	17.7	26.5

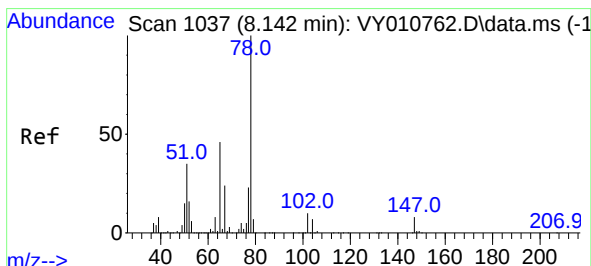
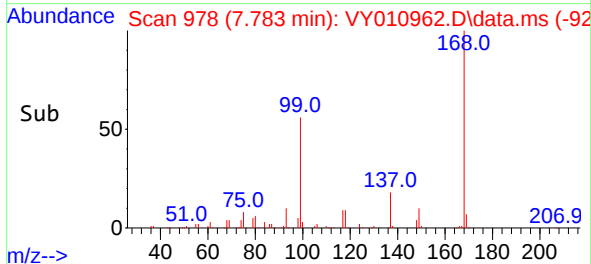
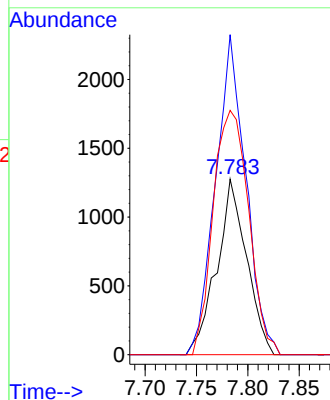
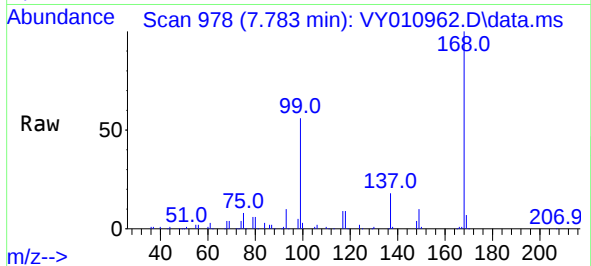




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

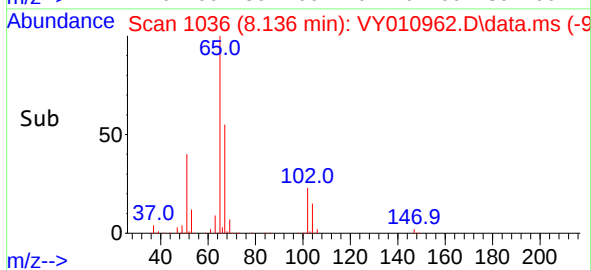
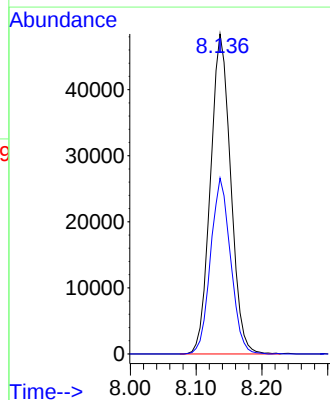
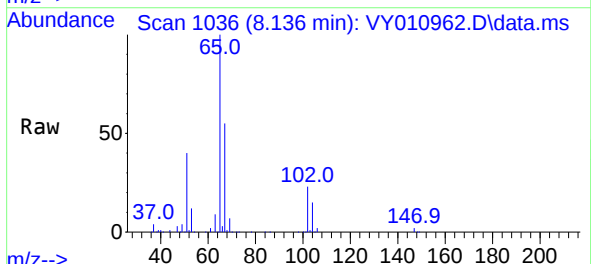
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-101322

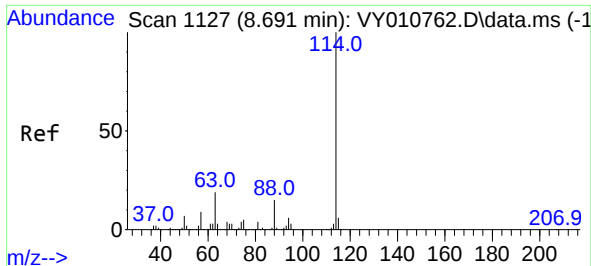
Tgt Ion: 56 Resp: 2587
Ion Ratio Lower Upper
56 100
69 182.3 26.7 40.1#
84 139.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 81.314 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

Tgt Ion: 65 Resp: 103956
Ion Ratio Lower Upper
65 100
67 54.3 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: VY010962.D

Acq: 13 Oct 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-101322

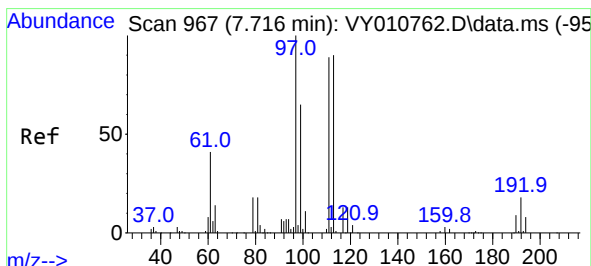
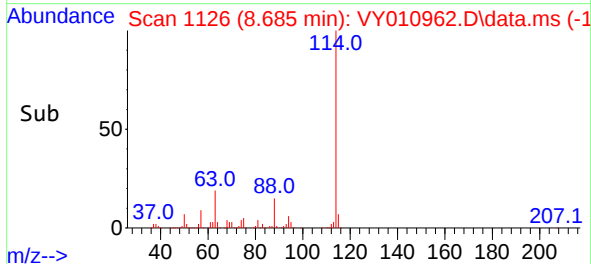
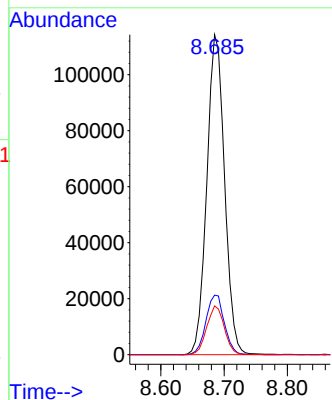
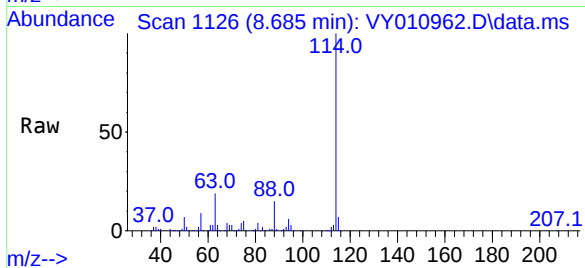
Tgt Ion:114 Resp: 223889

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.617 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010962.D

Acq: 13 Oct 2022 16:55

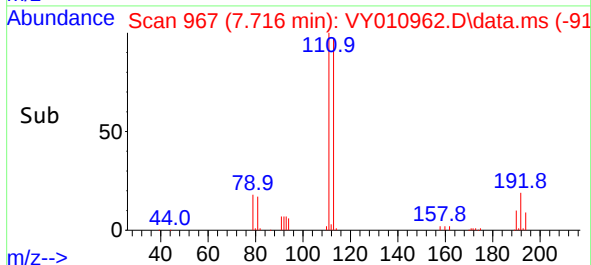
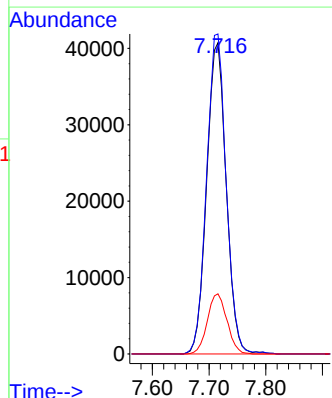
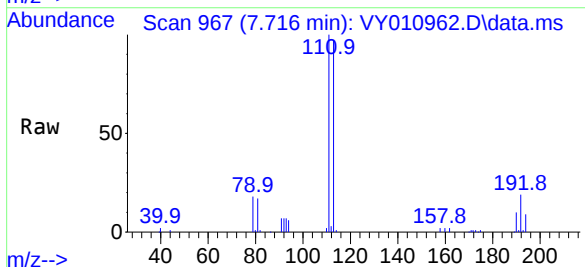
Tgt Ion:113 Resp: 97519

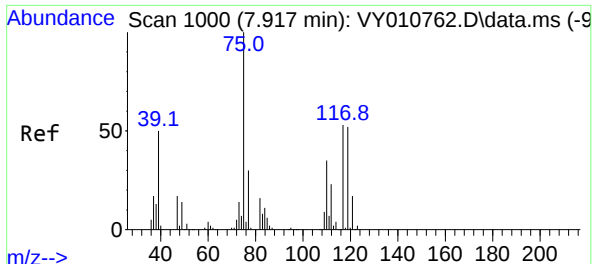
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.497 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010962.D

Acq: 13 Oct 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-101322

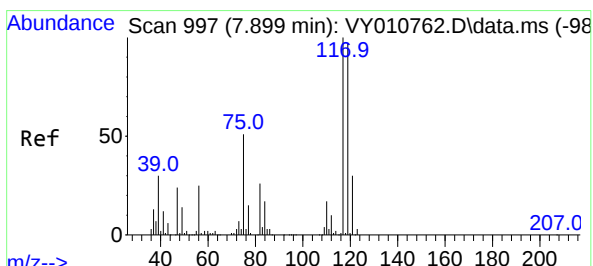
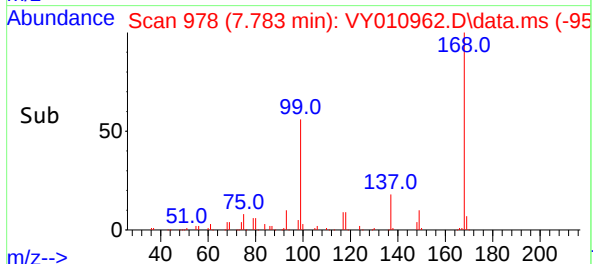
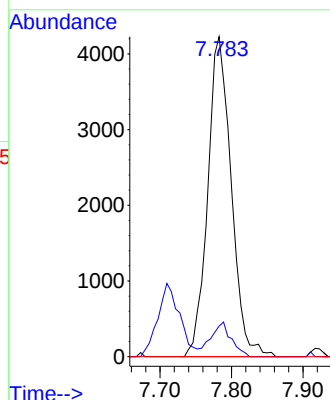
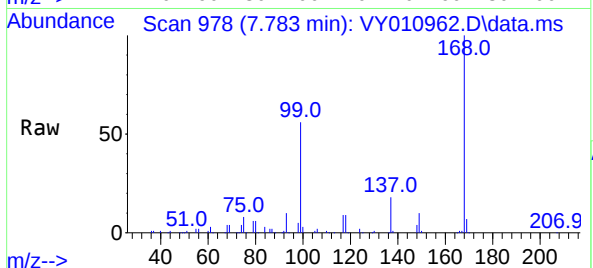
Tgt Ion: 75 Resp: 9648

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.706 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010962.D

Acq: 13 Oct 2022 16:55

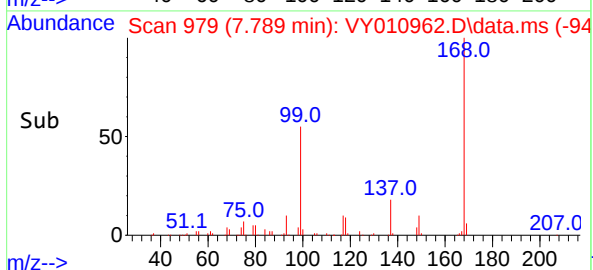
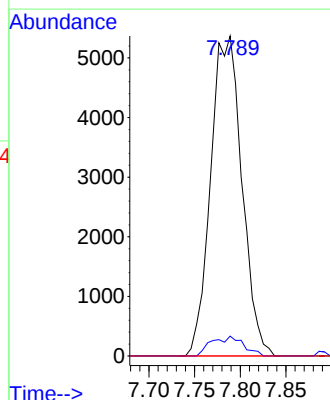
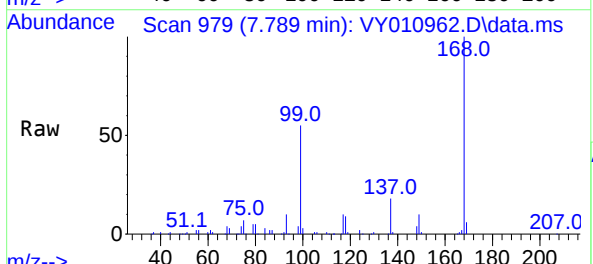
Tgt Ion: 117 Resp: 12750

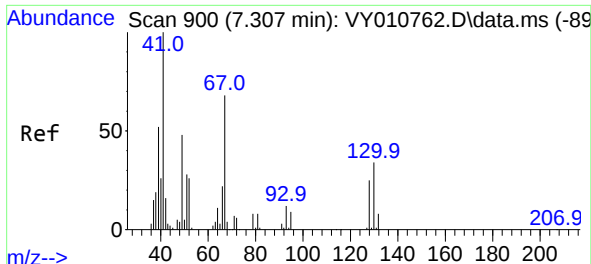
Ion Ratio Lower Upper

117 100

119 6.2 77.9 116.9#

121 0.0 24.8 37.2#

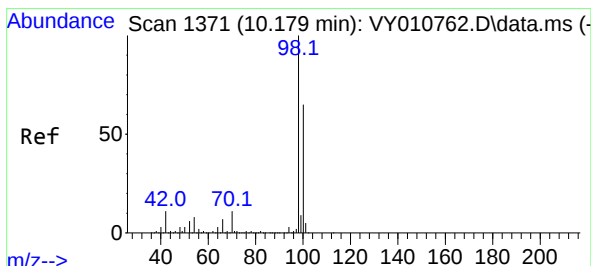
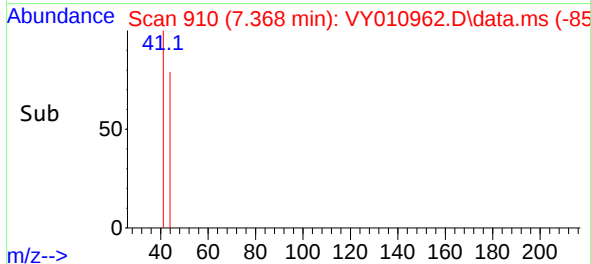
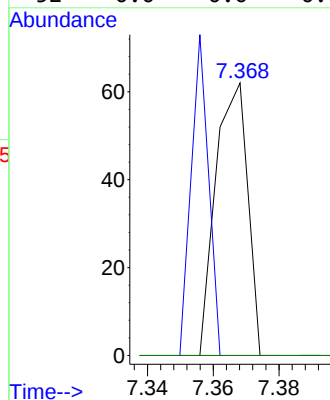
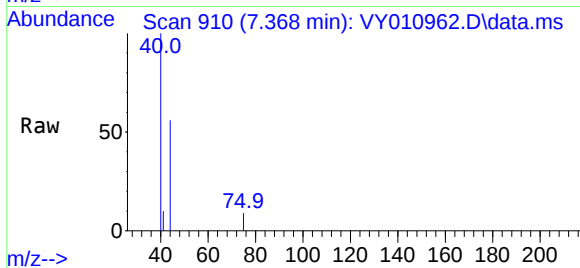




#41
Methacrylonitrile
Concen: 2.646 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.061 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

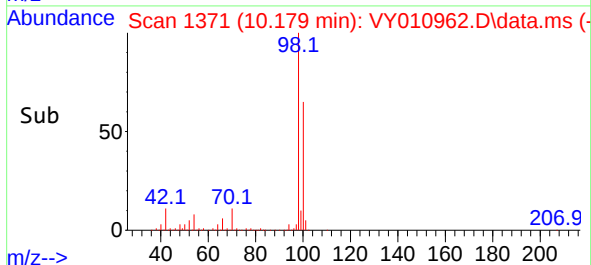
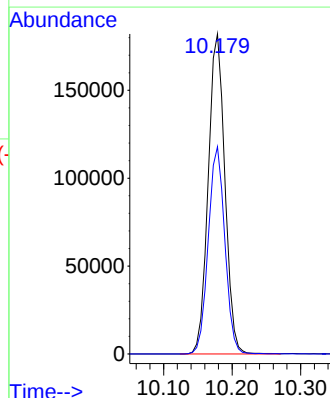
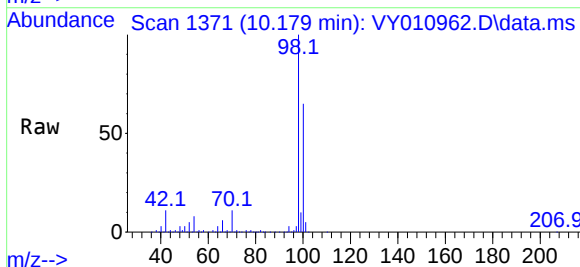
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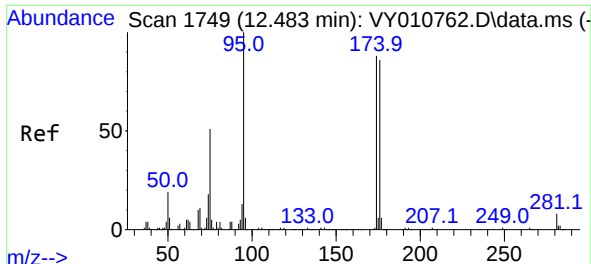
Tgt Ion: 41	Resp: 42
Ion Ratio	Lower Upper
41 100	
39 64.3	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 60.514 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

Tgt Ion: 98	Resp: 307569
Ion Ratio	Lower Upper
98 100	
100 64.5	50.2 75.2

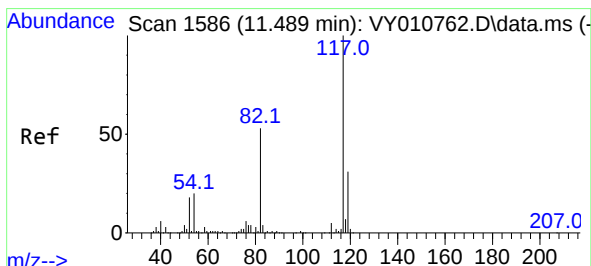
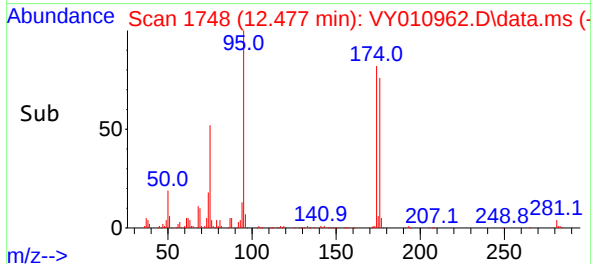
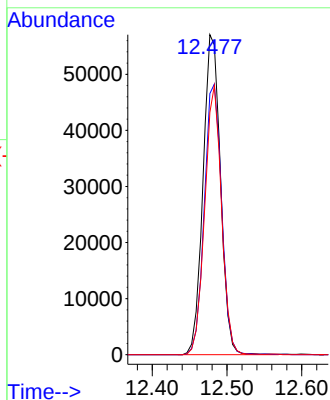
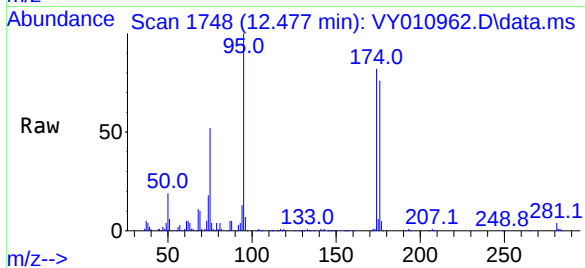




#62
4-Bromofluorobenzene
Concen: 46.229 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

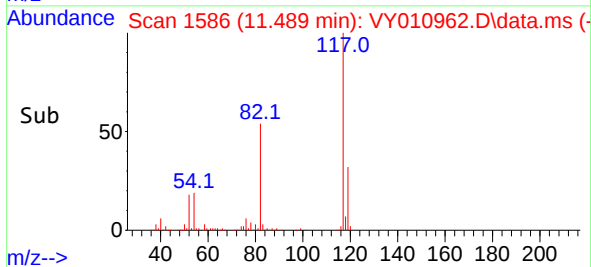
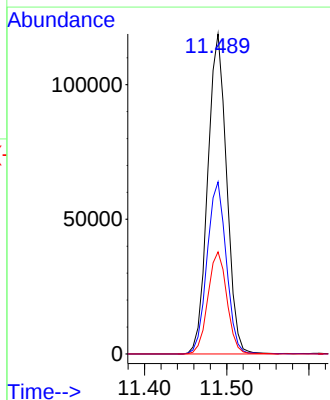
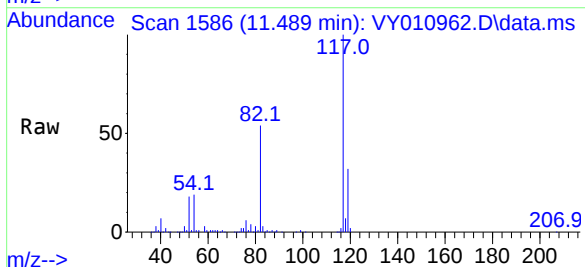
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-101322

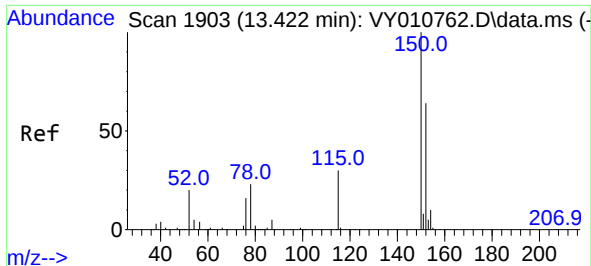
Tgt Ion: 95	Resp: 92348
Ion Ratio	Lower Upper
95 100	
174 84.4	0.0 177.0
176 81.0	0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

Tgt Ion: 117	Resp: 190021
Ion Ratio	Lower Upper
117 100	
82 53.7	43.0 64.4
119 31.9	25.4 38.0

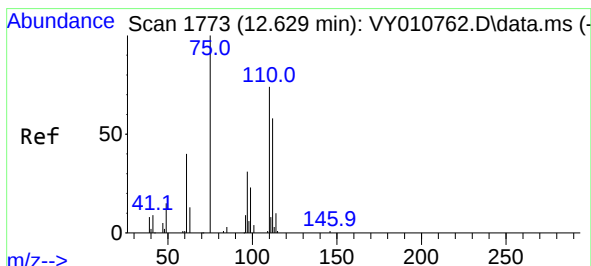
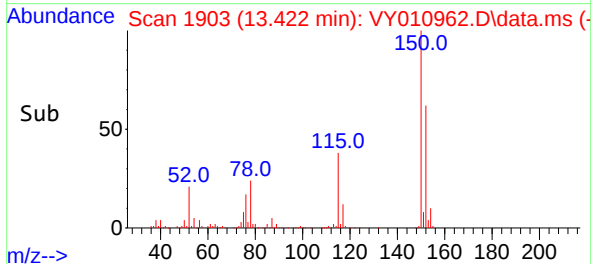
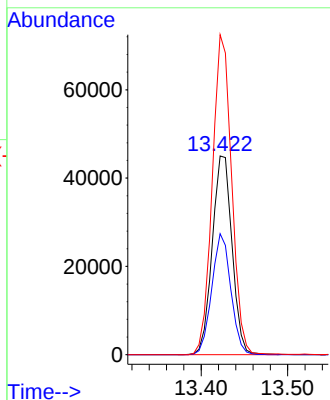
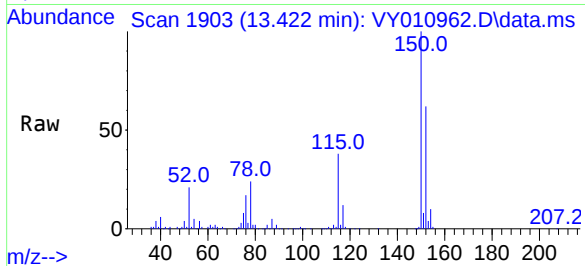




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010962.D
 Acq: 13 Oct 2022 16:55

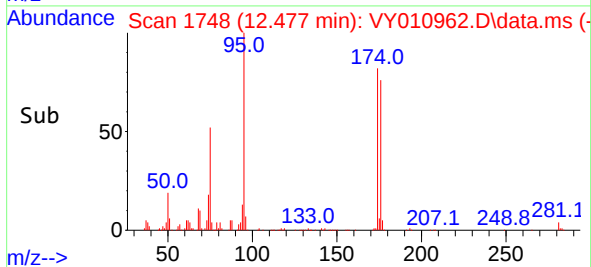
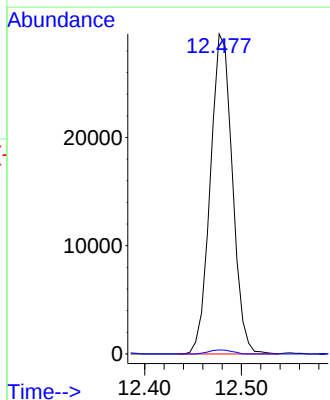
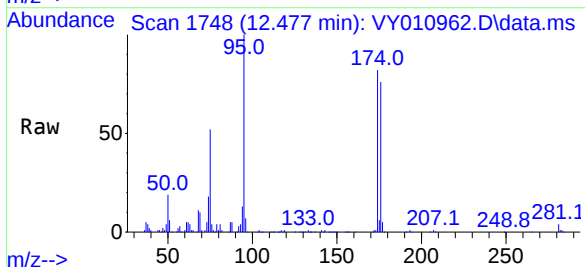
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-101322

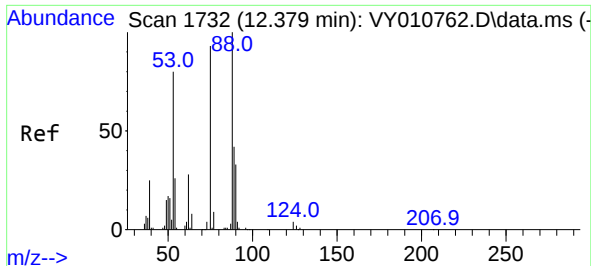
Tgt Ion:152 Resp: 71563
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 64.633 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010962.D
 Acq: 13 Oct 2022 16:55

Tgt Ion: 75 Resp: 46840
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.012 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY010962.D
Acq: 13 Oct 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-101322

Tgt Ion: 75 Resp: 46840
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

