

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010817.D
 Acq On : 05 Oct 2022 14:08
 Operator : KP/MD
 Sample : N4960-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-100322

Quant Time: Oct 06 09:17:52 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)

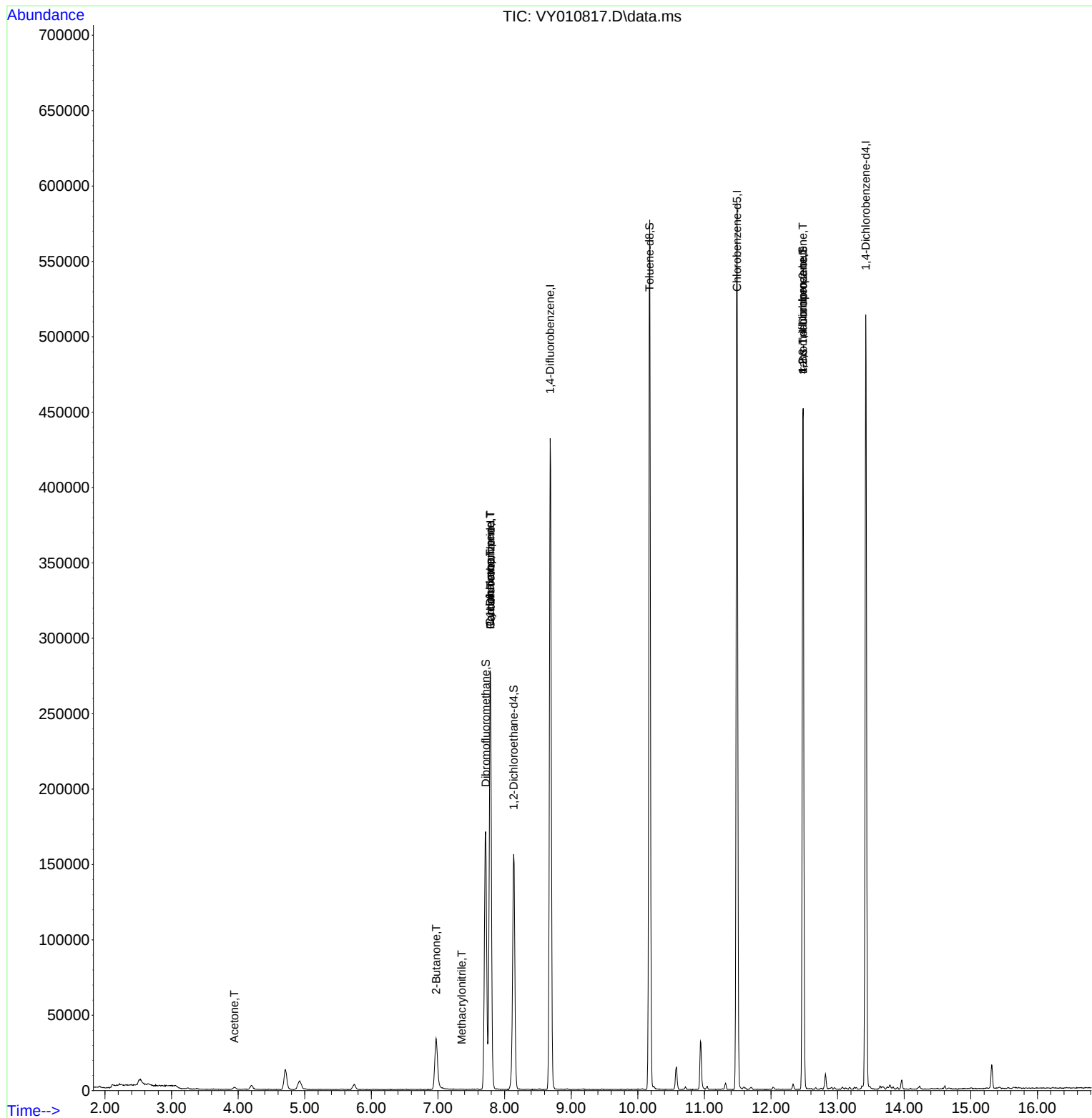
Internal Standards						
1) Pentafluorobenzene	7.789	168	214565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120082	55.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.420%	
35) Dibromofluoromethane	7.716	113	123485	49.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.000%	
50) Toluene-d8	10.179	98	375585	44.467	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.940%	
62) 4-Bromofluorobenzene	12.477	95	136107	40.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	6281	Below Cal	#	77
16) Acetone	3.942	43	2759	4.995	ug/l	99
20) Methylene Chloride	4.704	84	10096	Below Cal	#	81
25) 2-Butanone	6.972	43	2602	3.277	ug/l	# 88
31) Cyclohexane	7.783	56	4615	1.185	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	17243	4.836	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	21569	5.808	ug/l	# 15
41) Methacrylonitrile	7.356	41	46	2.624	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	70629	52.566	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	70629	109.807	ug/l	# 7

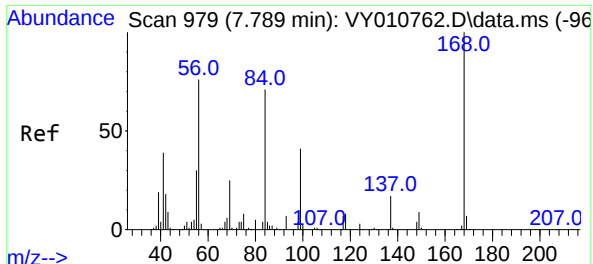
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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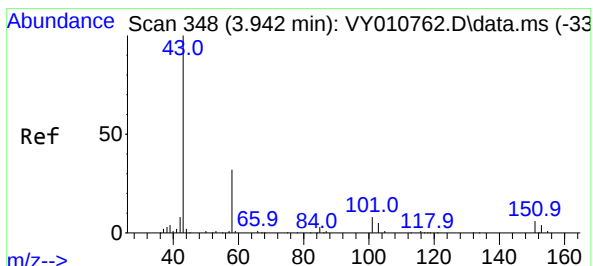
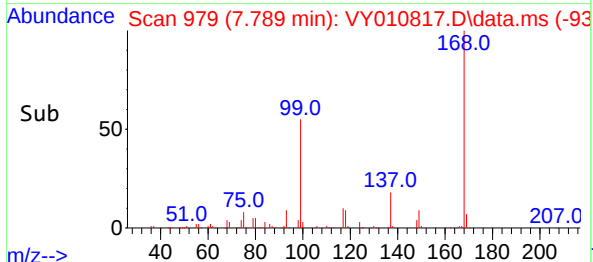
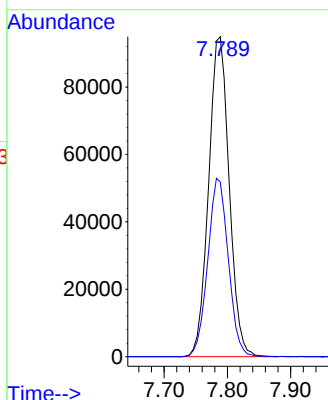
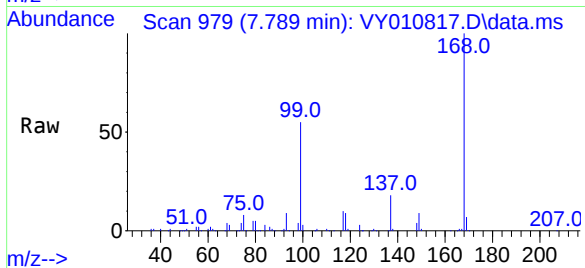




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

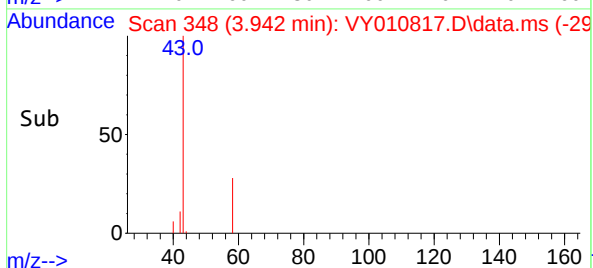
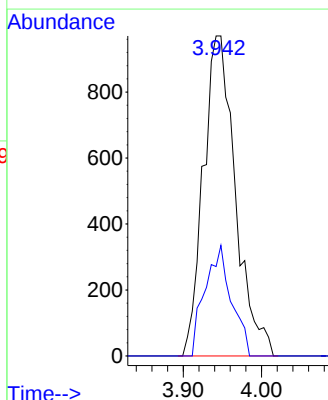
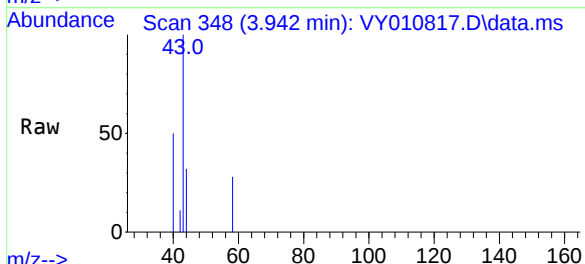
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-100322

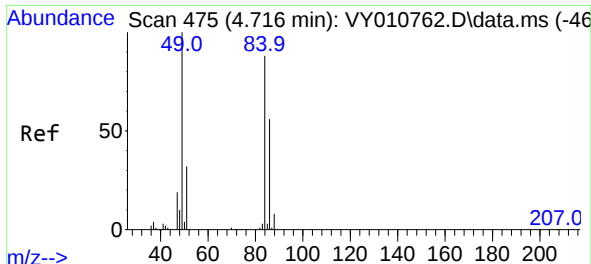
Tgt Ion:168 Resp: 214565
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 4.995 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0

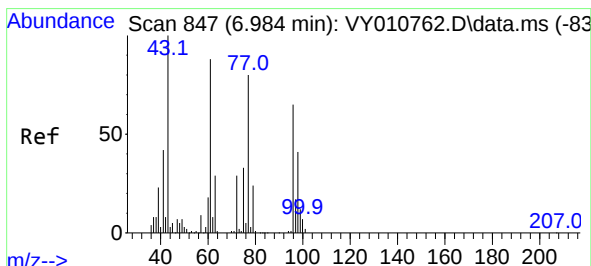
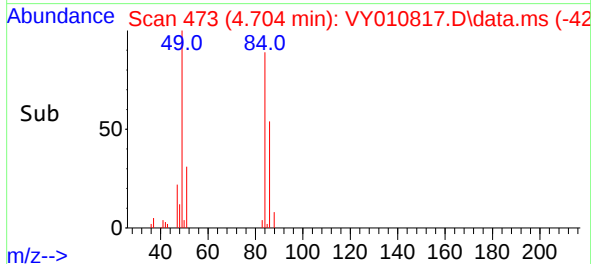
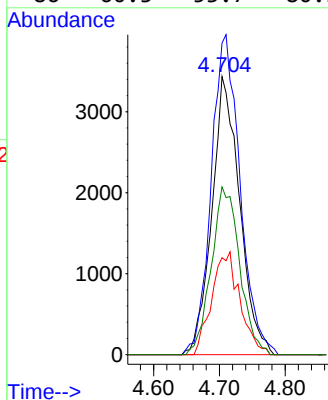
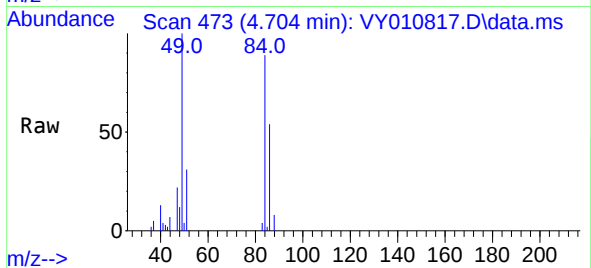




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

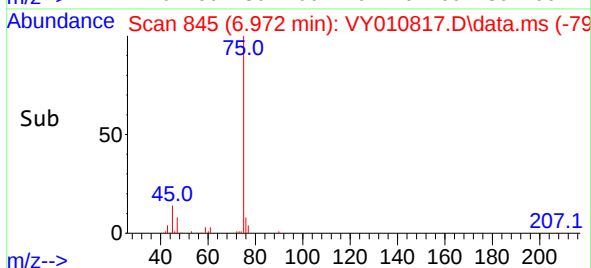
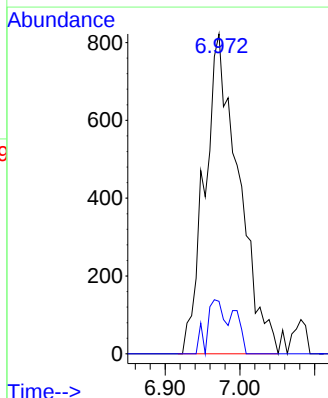
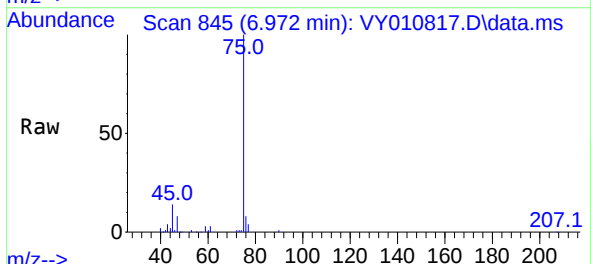
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-100322

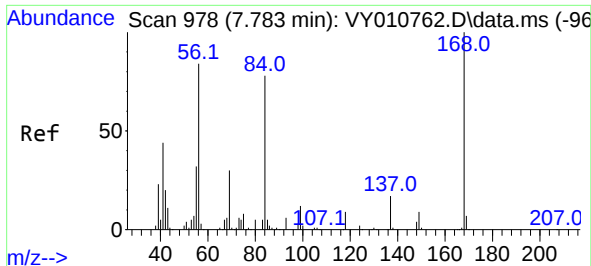
Tgt Ion: 84 Resp: 10096
Ion Ratio Lower Upper
84 100
49 112.1 114.4 171.6#
51 34.9 35.3 52.9#
86 60.3 53.7 80.5



#25
2-Butanone
Concen: 3.277 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
72 16.4 17.7 26.5#

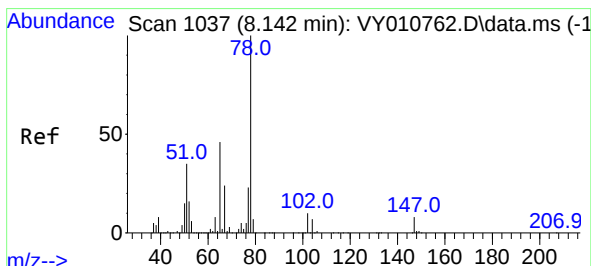
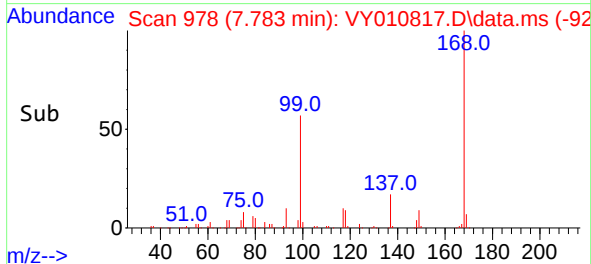
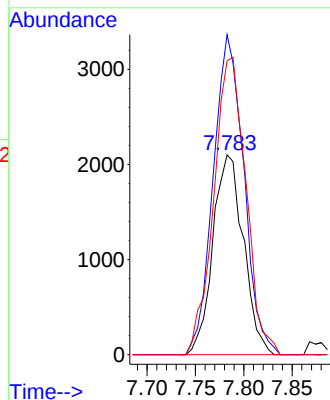
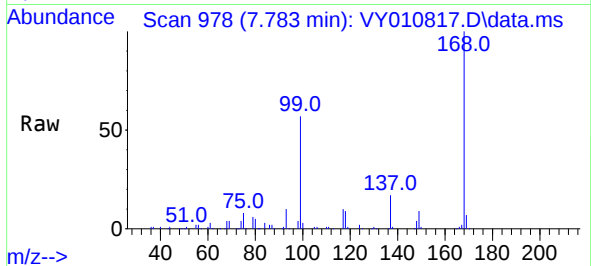




#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

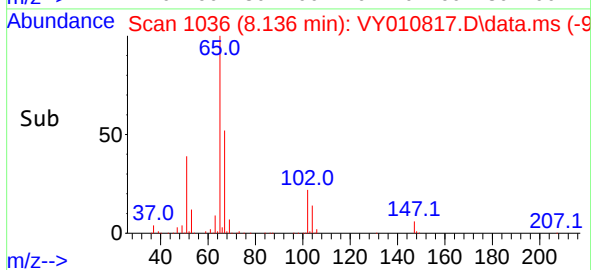
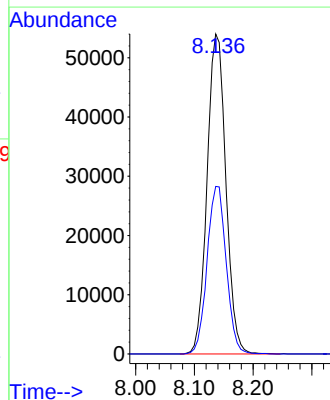
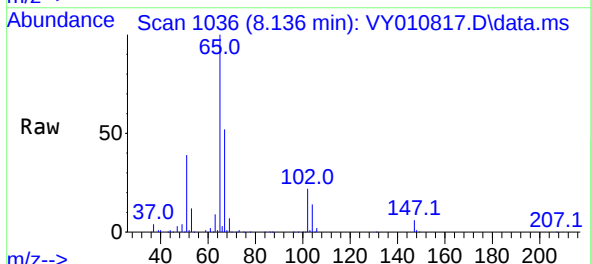
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-100322

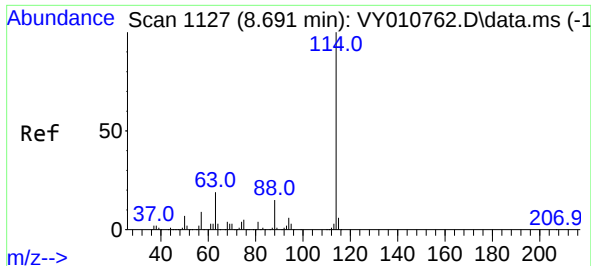
Tgt Ion: 56 Resp: 4615
Ion Ratio Lower Upper
56 100
69 160.1 26.7 40.1#
84 147.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.213 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 65 Resp: 120082
Ion Ratio Lower Upper
65 100
67 53.3 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: VY010817.D

Acq: 05 Oct 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

PAT-01-100322

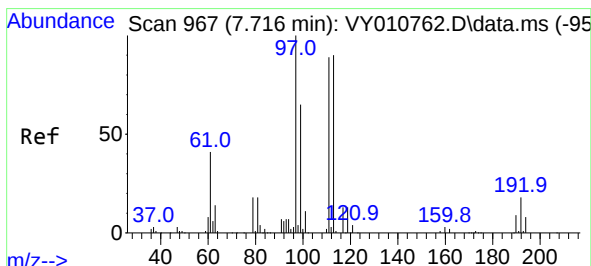
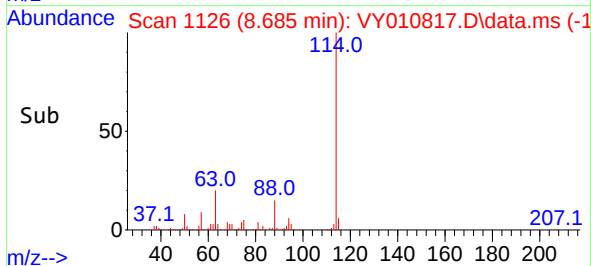
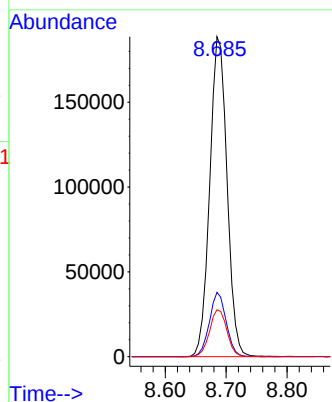
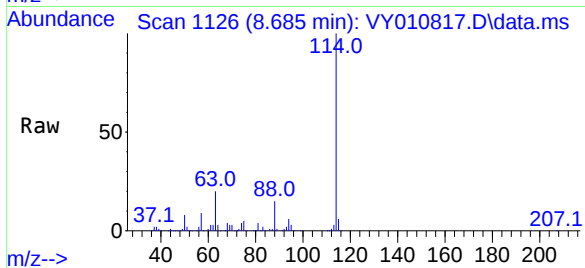
Tgt Ion:114 Resp: 372065

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.998 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010817.D

Acq: 05 Oct 2022 14:08

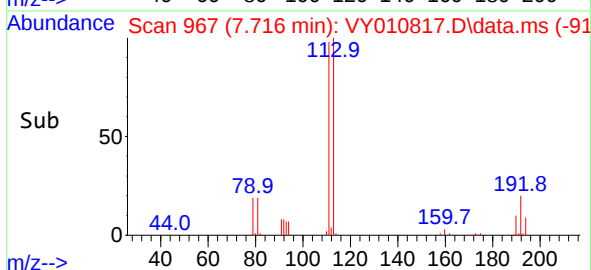
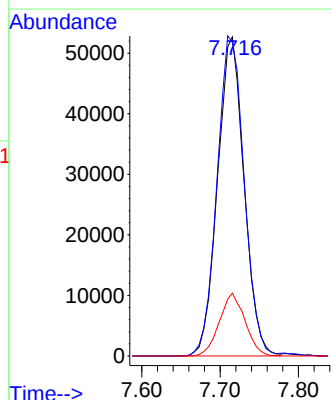
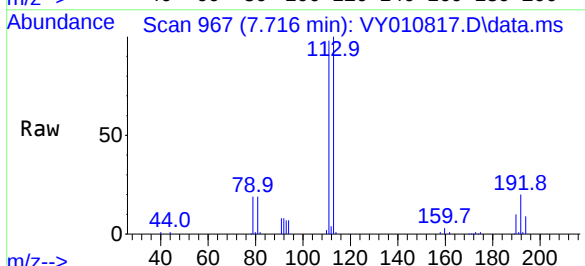
Tgt Ion:113 Resp: 123485

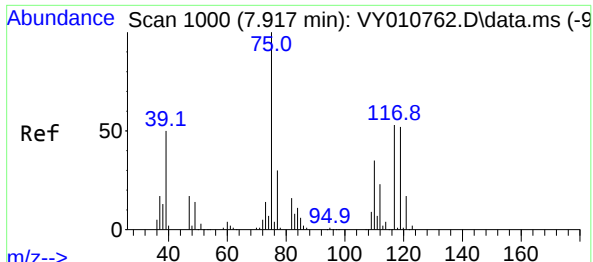
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.1 17.6 26.4

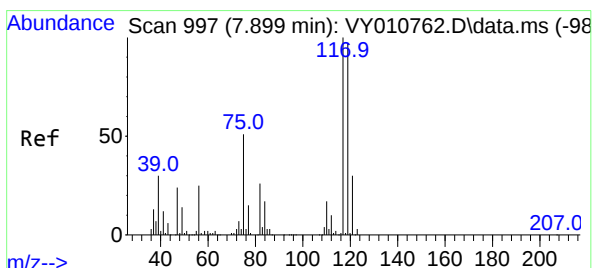
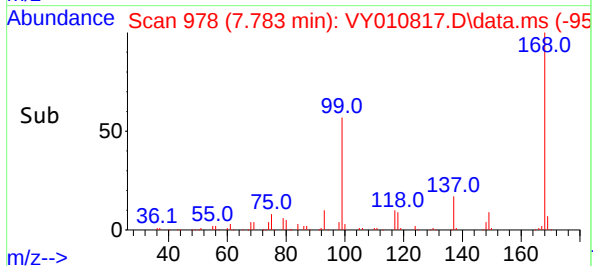
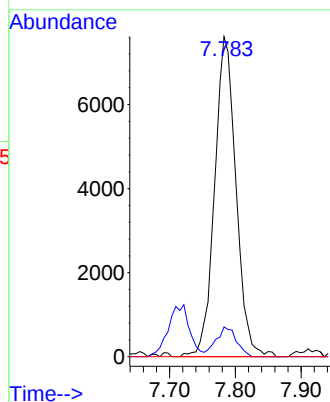
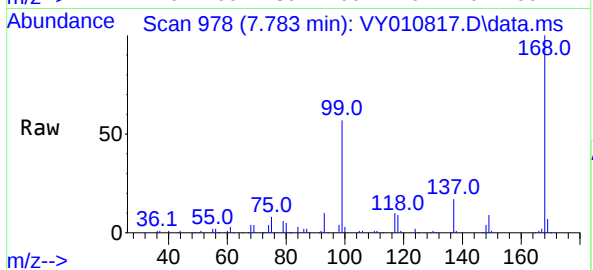




#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

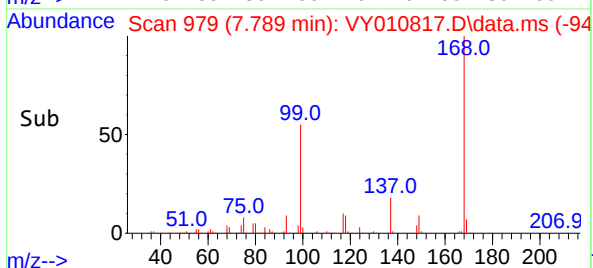
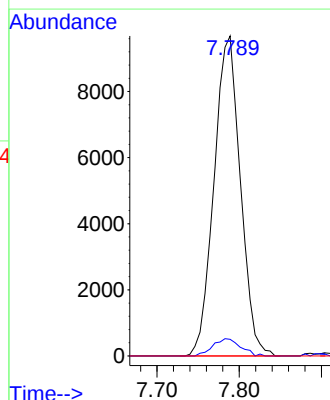
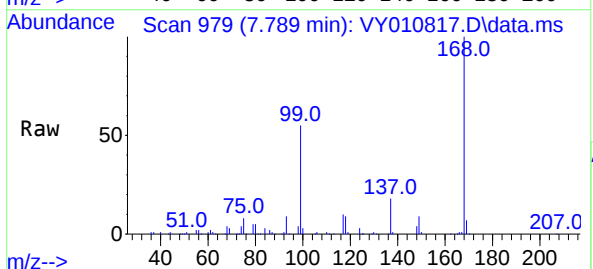
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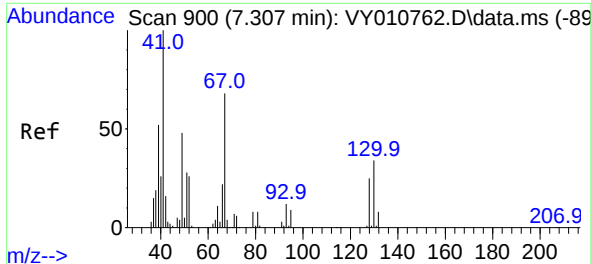
Tgt Ion: 75 Resp: 17243
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 117 Resp: 21569
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

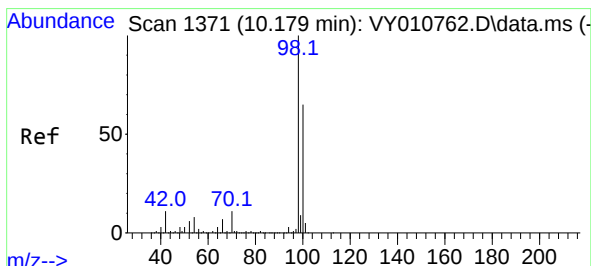
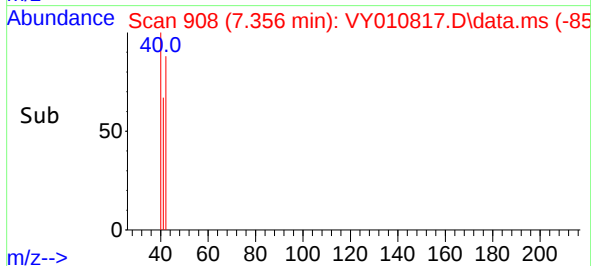
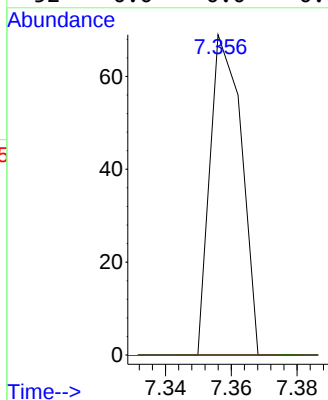
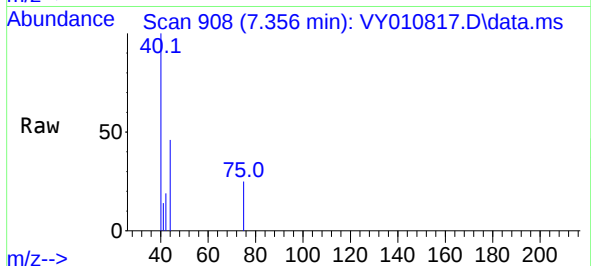




#41
Methacrylonitrile
Concen: 2.624 ug/l
RT: 7.356 min Scan# 900
Delta R.T. 0.049 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

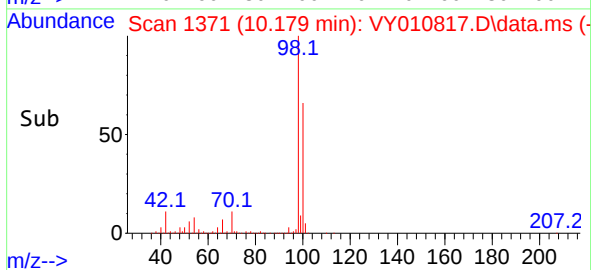
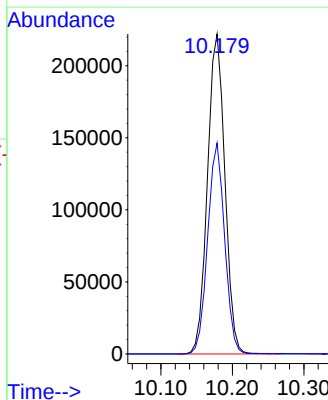
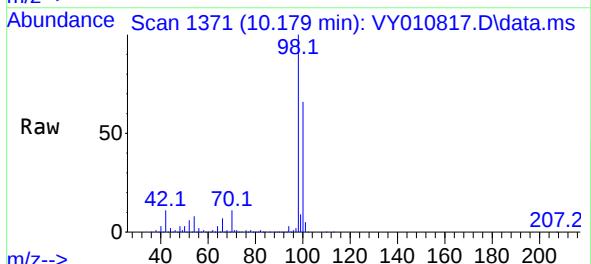
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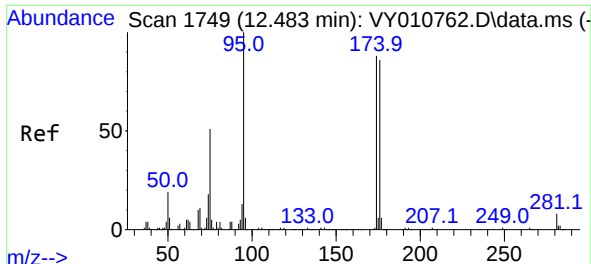
Tgt Ion: 41	Resp: 46
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 44.467 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 98	Resp: 375585
Ion Ratio	Lower Upper
98 100	
100 64.3	50.2 75.2

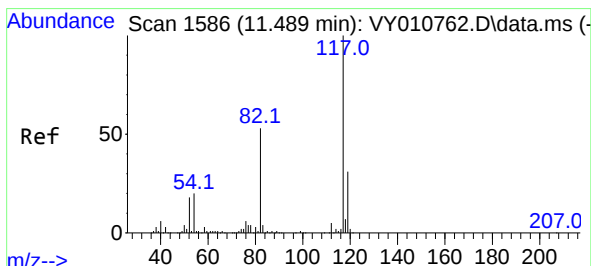
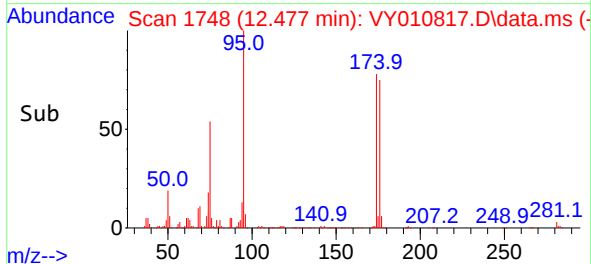
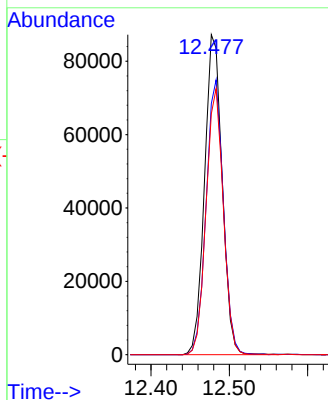
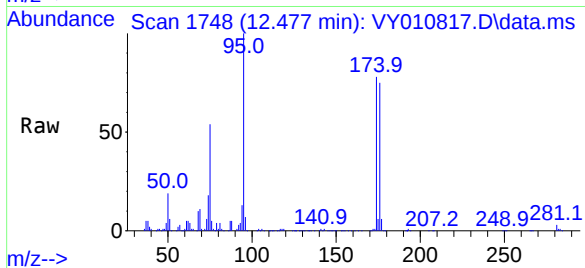




#62
4-Bromofluorobenzene
Concen: 40.551 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

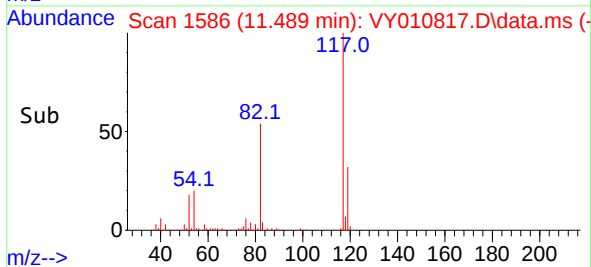
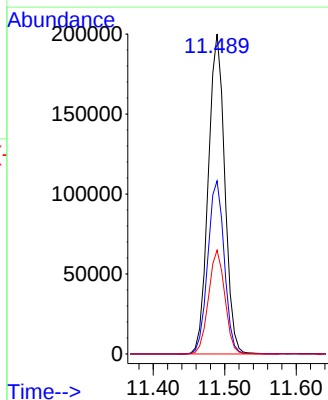
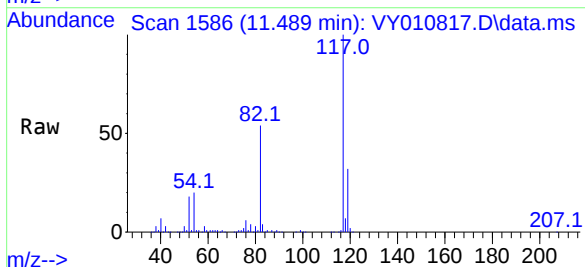
Instrument :
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ClientSampleId :
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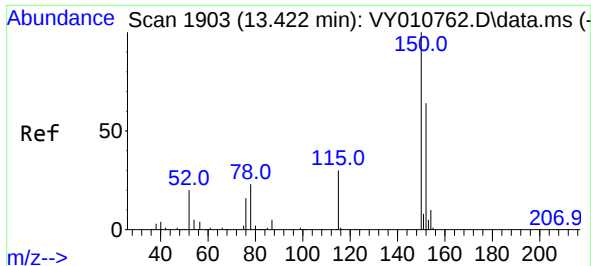
Tgt Ion: 95 Resp: 136107
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 117 Resp: 319558
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.5 25.4 38.0

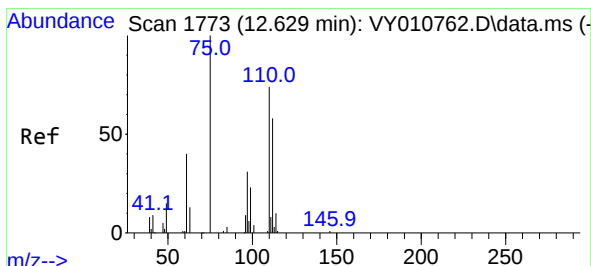
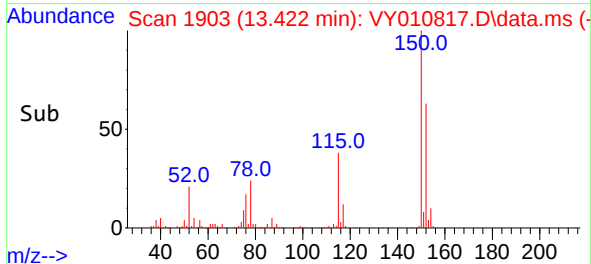
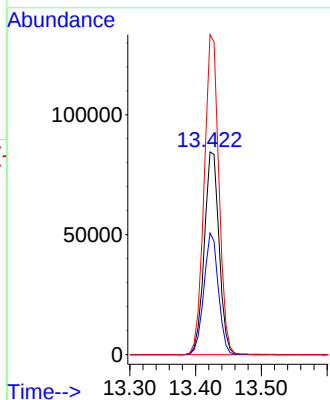
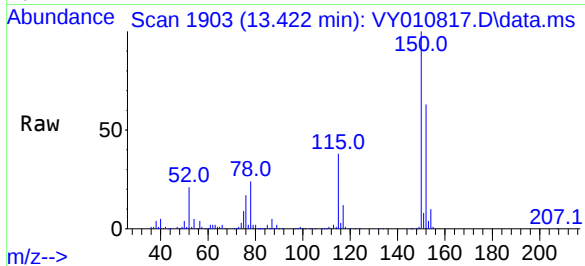




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010817.D
 Acq: 05 Oct 2022 14:08

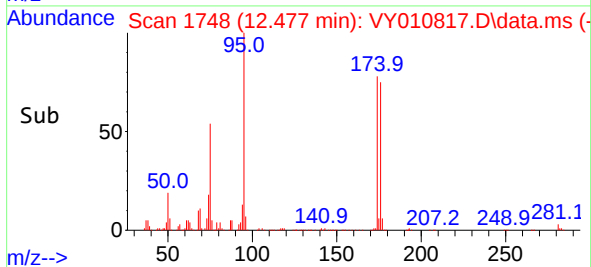
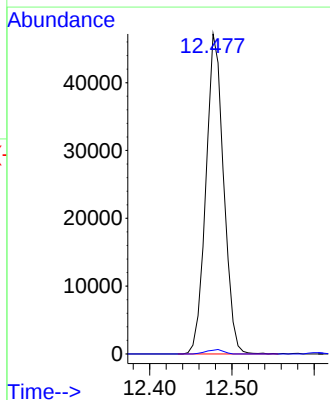
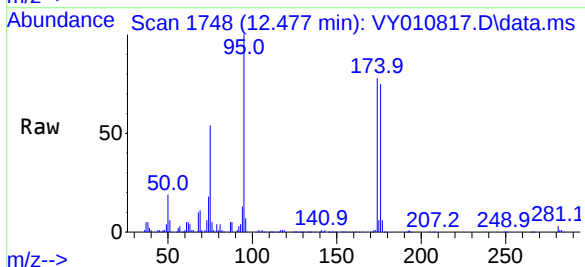
Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-100322

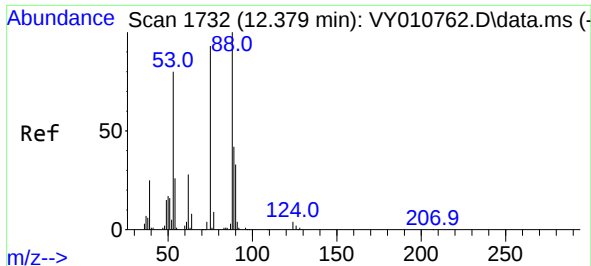
Tgt Ion:152 Resp: 132678
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 156.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.566 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010817.D
 Acq: 05 Oct 2022 14:08

Tgt Ion: 75 Resp: 70629
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.807 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010817.D
 Acq: 05 Oct 2022 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-100322

Tgt Ion: 75 Resp: 70629
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

