

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010481.D
 Acq On : 14 Sep 2022 13:39
 Operator : KP/MD
 Sample : N4572-03RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Quant Time: Sep 14 15:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

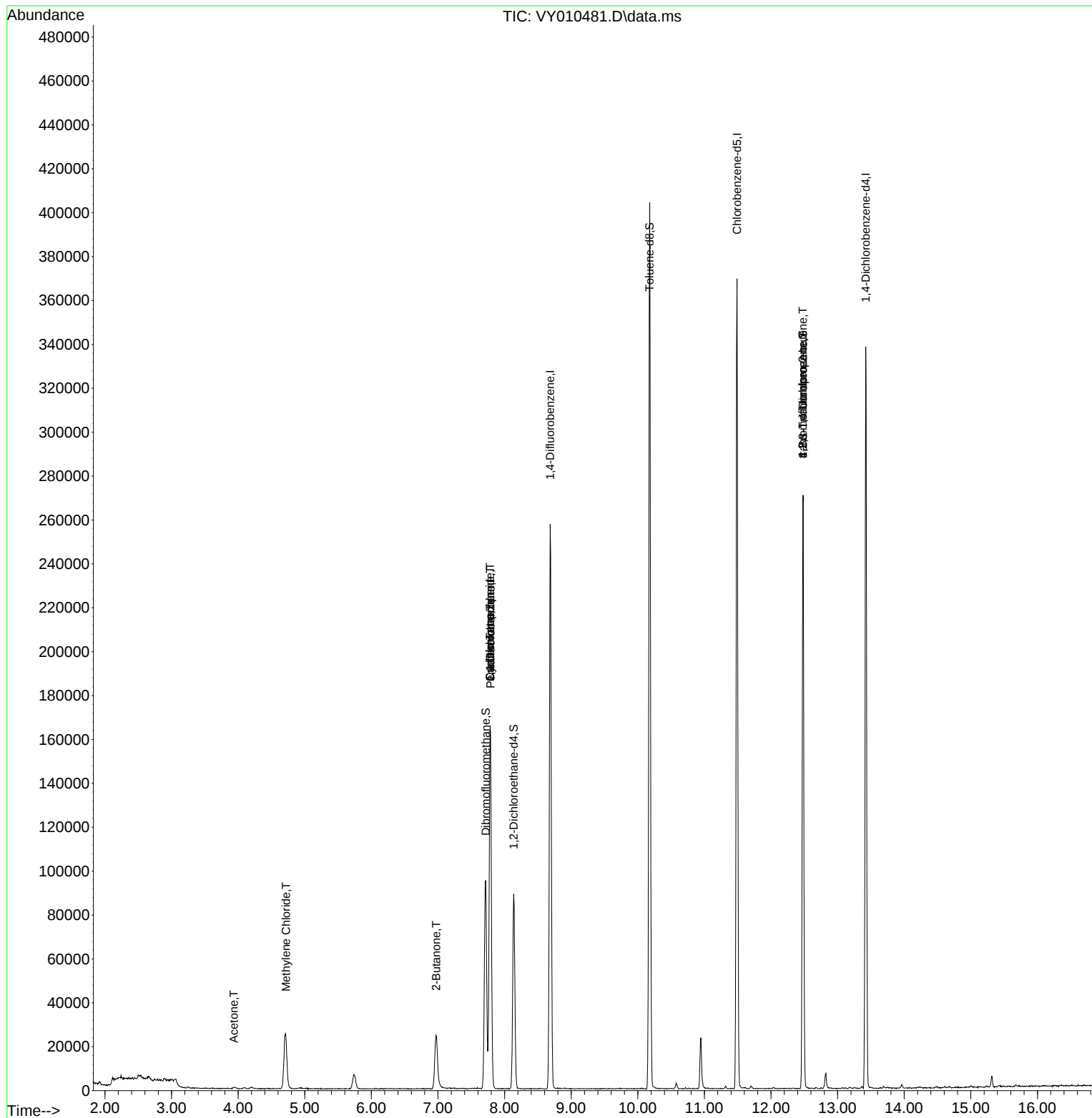
Internal Standards						
1) Pentafluorobenzene	7.789	168	132332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69489	52.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.280%	
35) Dibromofluoromethane	7.716	113	69069	43.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.820%	
50) Toluene-d8	10.179	98	266758	51.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.477	95	82814	39.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	128	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	544	Below Cal	#	77
16) Acetone	3.936	43	1482	4.845	ug/l	94
20) Methylene Chloride	4.716	84	19613	7.388	ug/l #	82
25) 2-Butanone	6.972	43	1453	2.989	ug/l #	54
31) Cyclohexane	7.783	56	2508	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10267	4.713	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12969	5.352	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	43552	45.033	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43552	99.990	ug/l #	7

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

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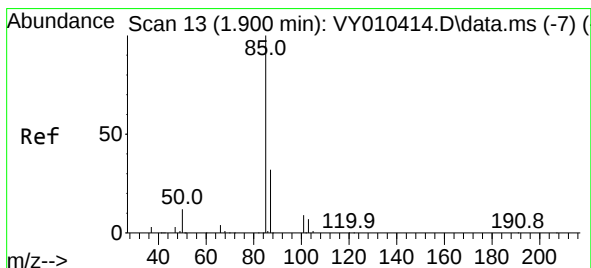
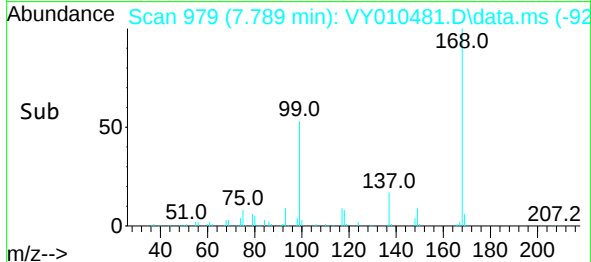
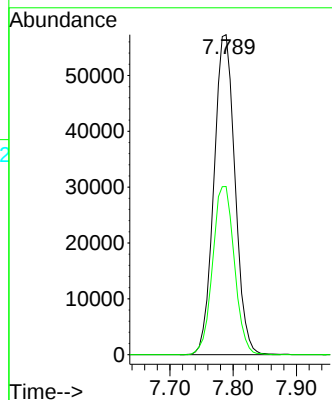
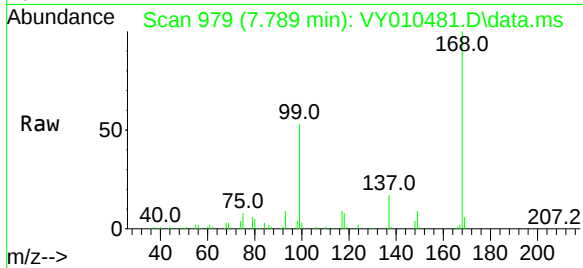




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

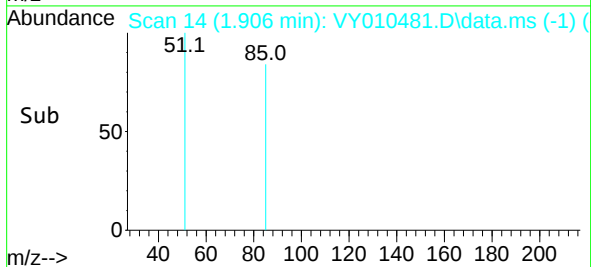
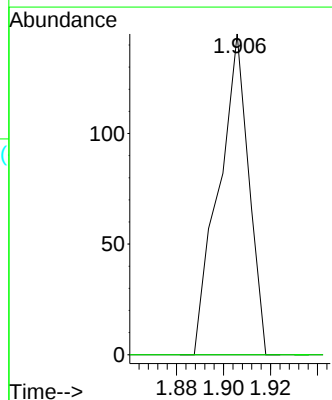
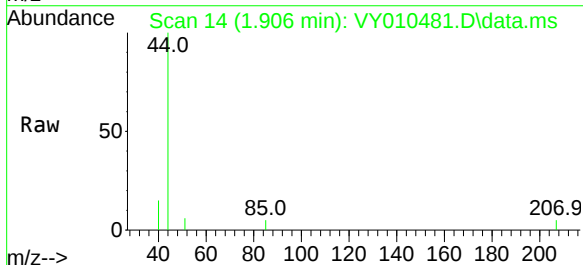
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

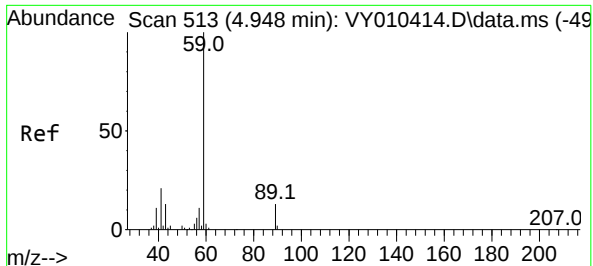
Tgt Ion:168 Resp: 132332
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion: 85 Resp: 128
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY010481.D

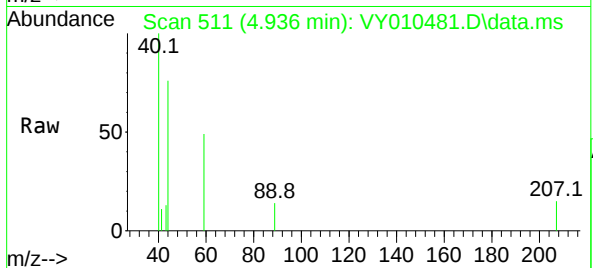
Acq: 14 Sep 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

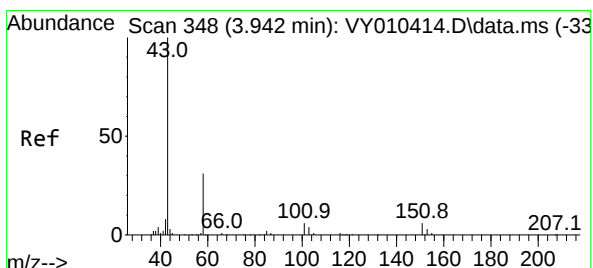
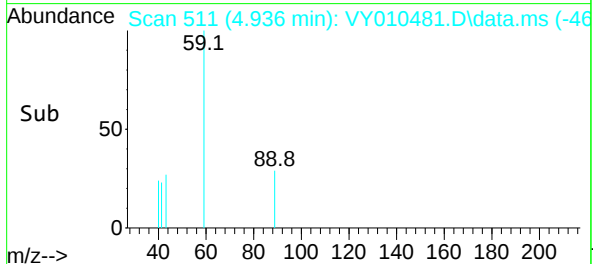
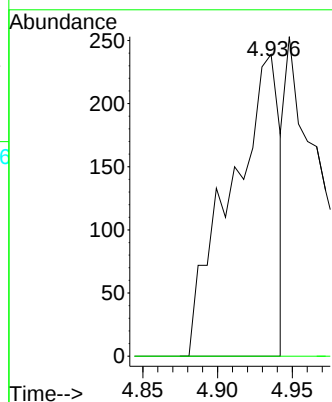


Tgt Ion: 59 Resp: 544

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.845 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010481.D

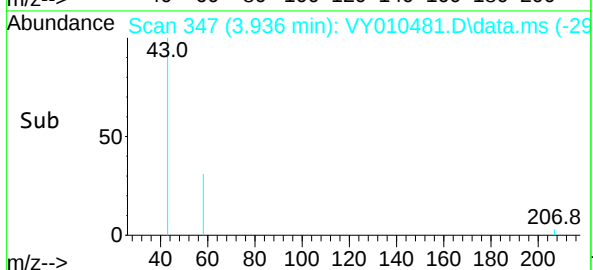
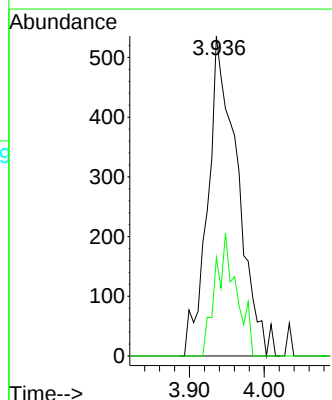
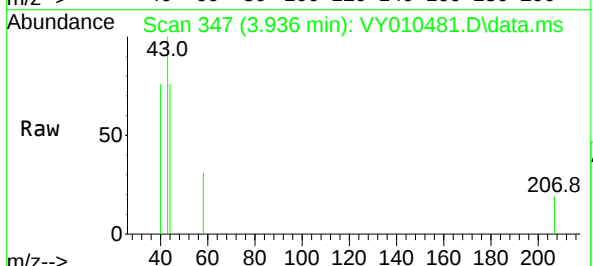
Acq: 14 Sep 2022 13:39

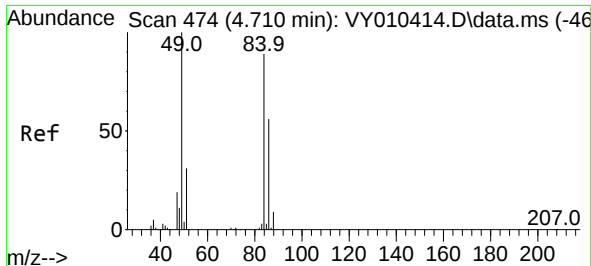
Tgt Ion: 43 Resp: 1482

Ion Ratio Lower Upper

43 100

58 30.8 22.0 33.0





#20

Methylene Chloride

Concen: 7.388 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY010481.D

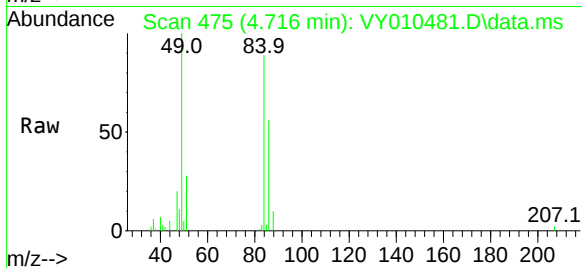
Acq: 14 Sep 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019



Tgt Ion: 84 Resp: 19613

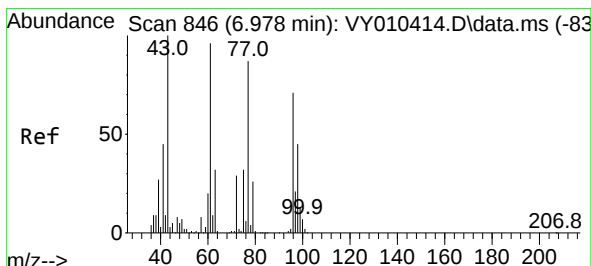
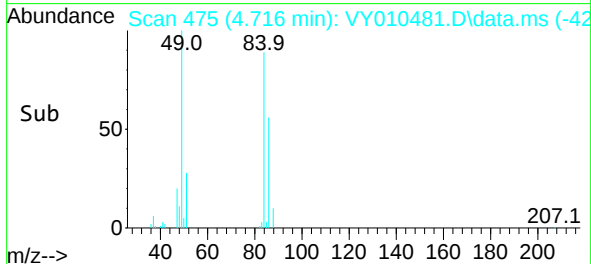
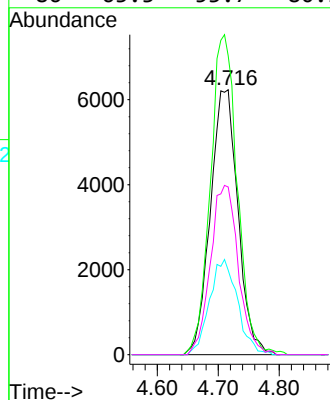
Ion Ratio Lower Upper

84 100

49 112.8 114.4 171.6#

51 31.9 35.3 52.9#

86 63.3 53.7 80.5



#25

2-Butanone

Concen: 2.989 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010481.D

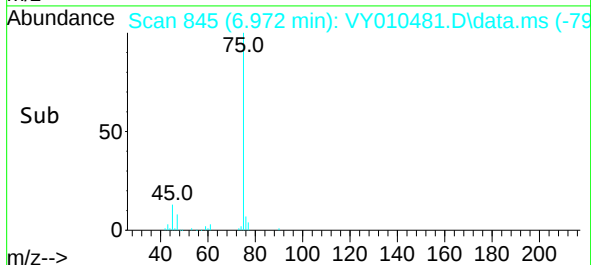
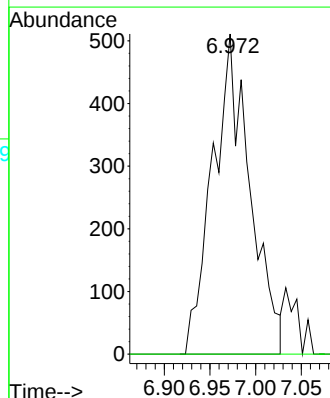
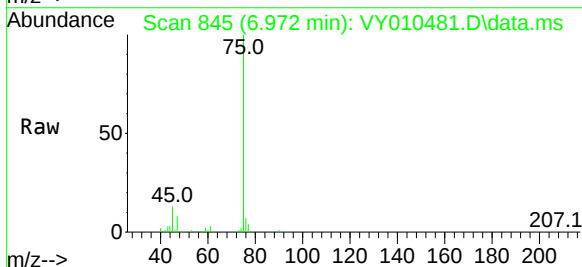
Acq: 14 Sep 2022 13:39

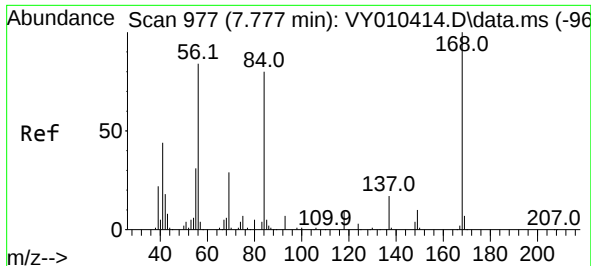
Tgt Ion: 43 Resp: 1453

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

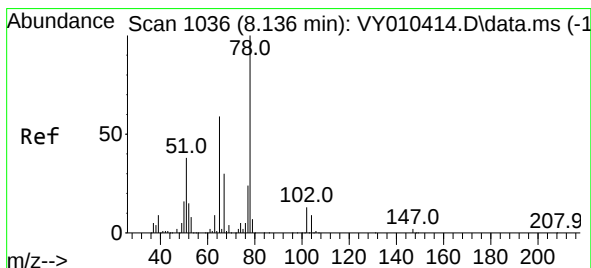
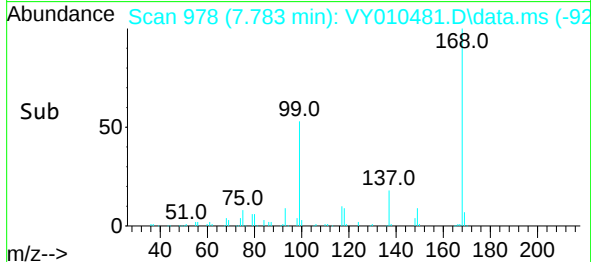
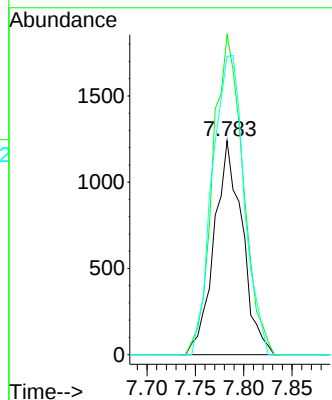
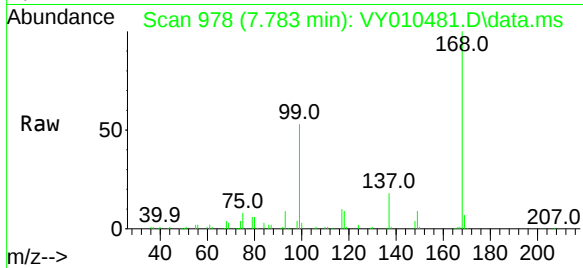




#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

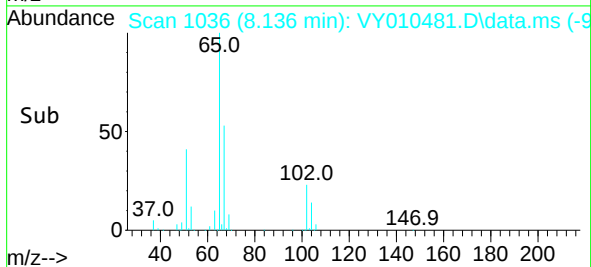
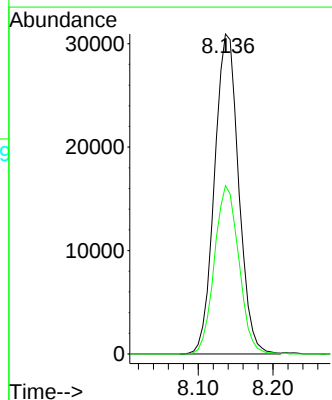
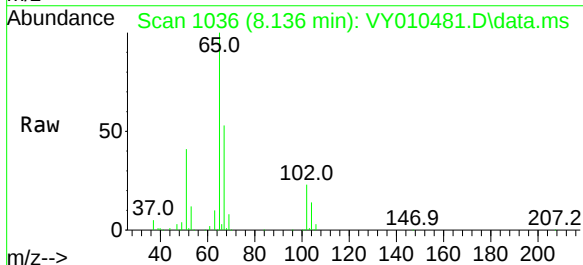
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

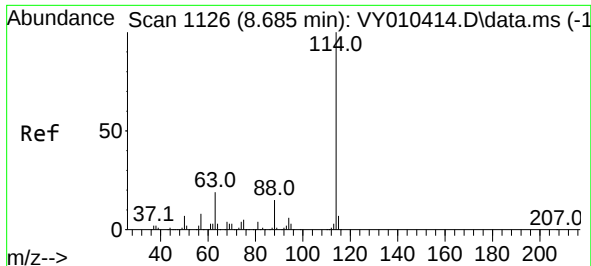
Tgt Ion: 56 Resp: 2508
Ion Ratio Lower Upper
56 100
69 149.6 26.7 40.1#
84 139.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.138 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion: 65 Resp: 69489
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010481.D

Acq: 14 Sep 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

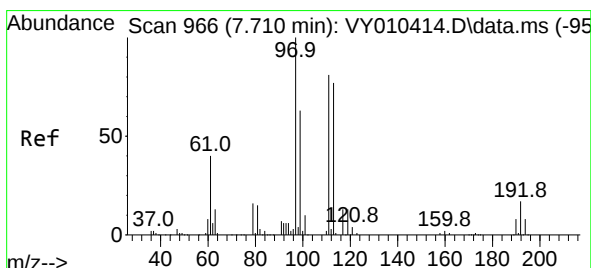
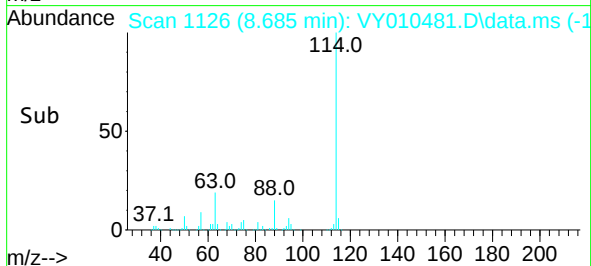
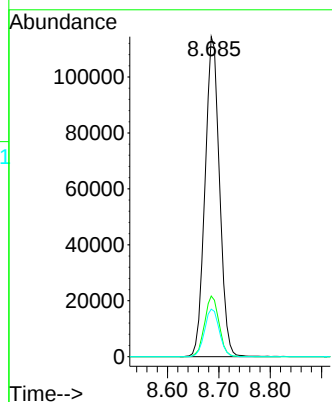
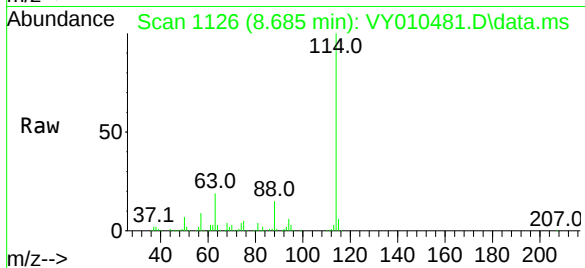
Tgt Ion:114 Resp: 224039

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.408 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010481.D

Acq: 14 Sep 2022 13:39

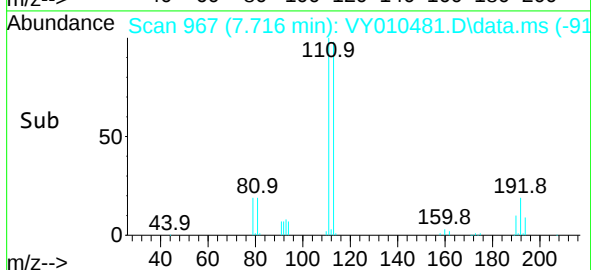
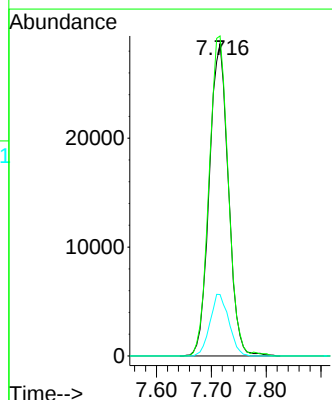
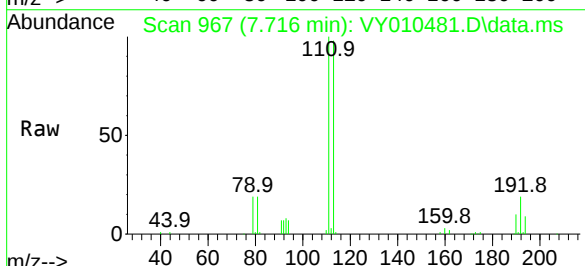
Tgt Ion:113 Resp: 69069

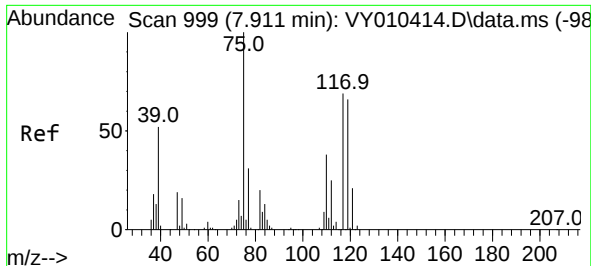
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.5 17.6 26.4

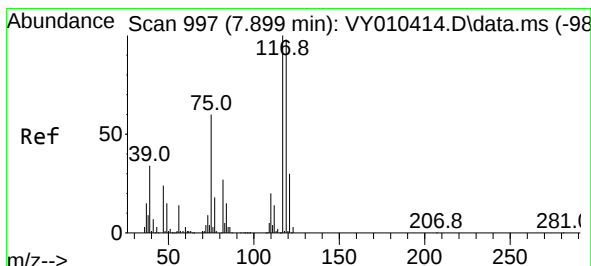
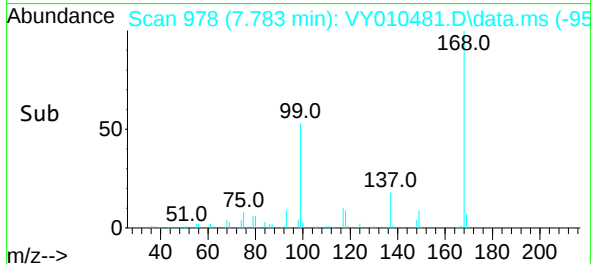
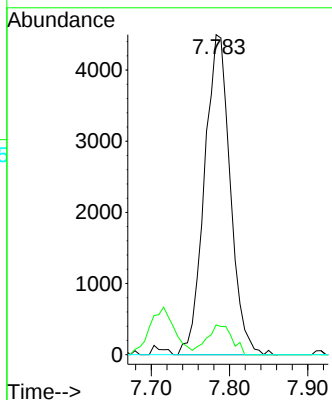
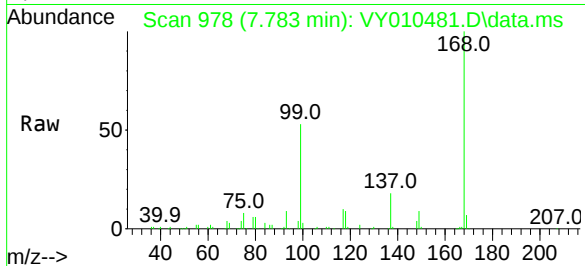




#36
 1,1-Dichloropropene
 Concen: 4.713 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010481.D
 Acq: 14 Sep 2022 13:39

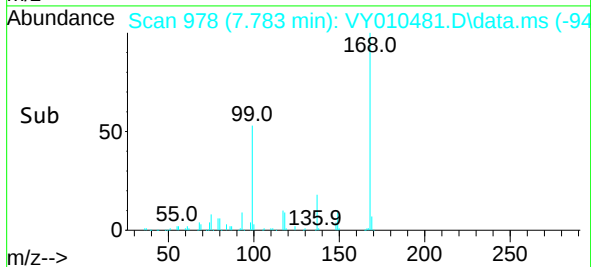
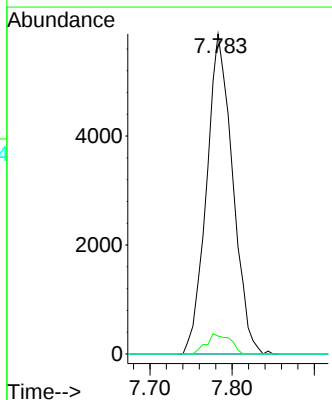
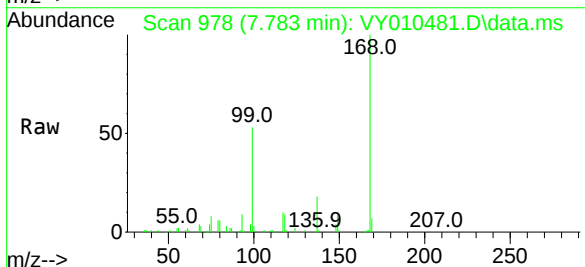
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 PSC-124019

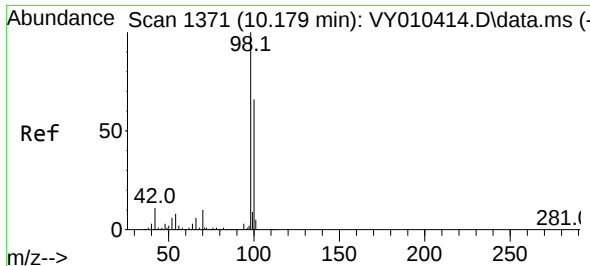
Tgt Ion: 75 Resp: 10267
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.352 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY010481.D
 Acq: 14 Sep 2022 13:39

Tgt Ion: 117 Resp: 12969
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.9 116.9#
 121 0.0 24.8 37.2#

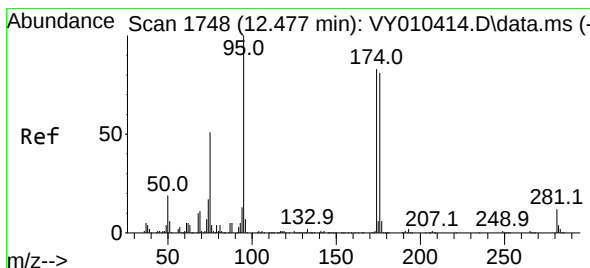
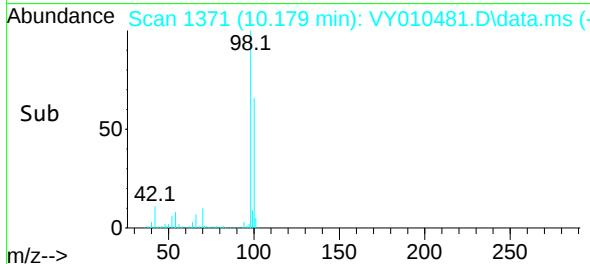
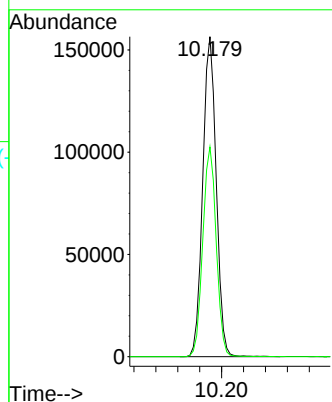
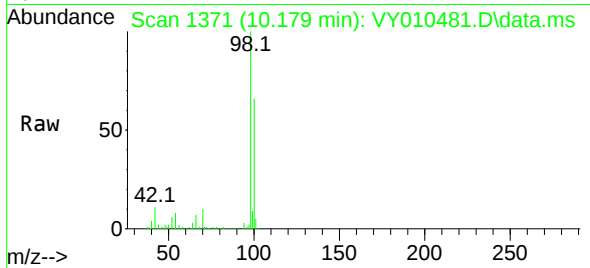




#50
Toluene-d8
Concen: 51.730 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

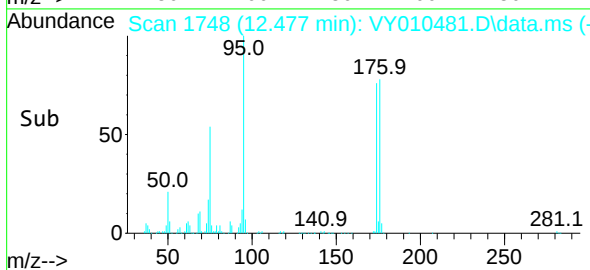
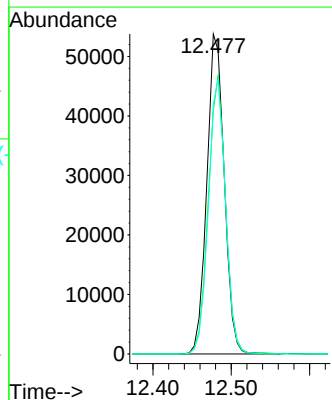
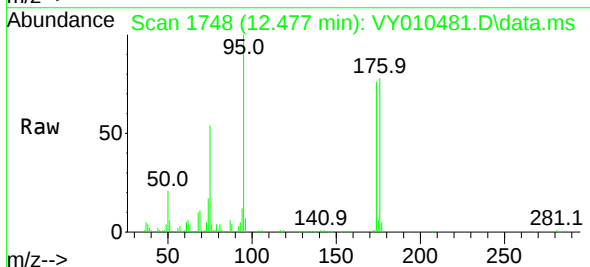
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

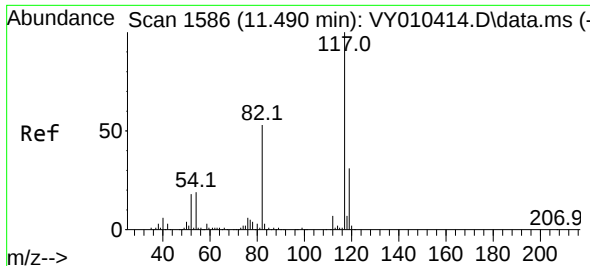
Tgt Ion: 98 Resp: 266758
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.183 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion: 95 Resp: 82814
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 84.7 0.0 175.8

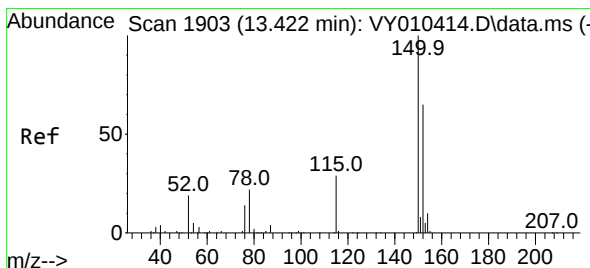
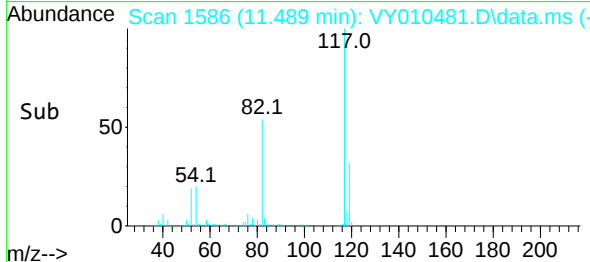
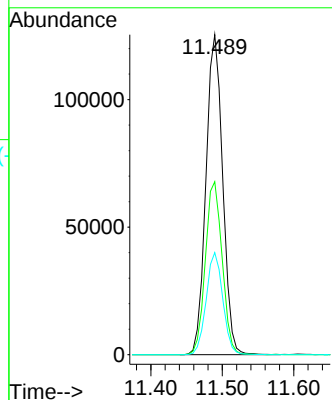
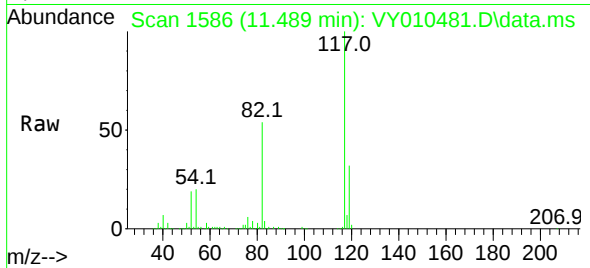




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

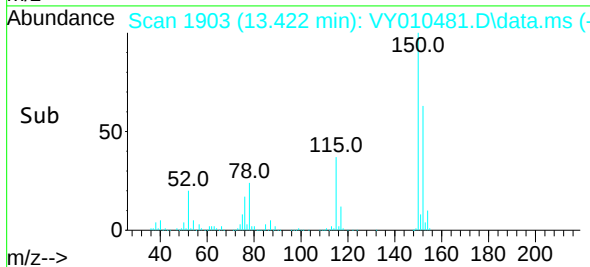
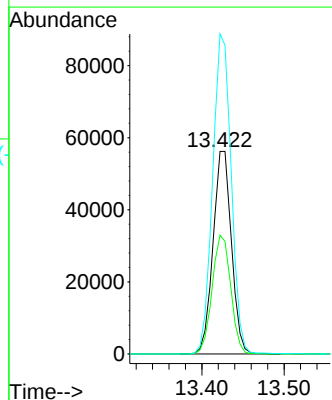
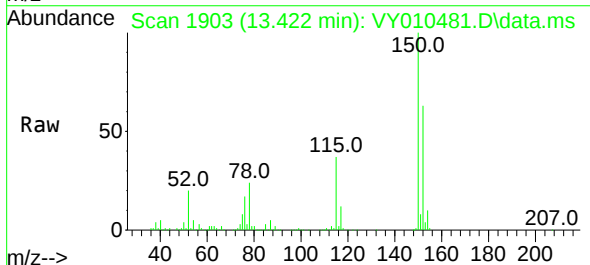
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

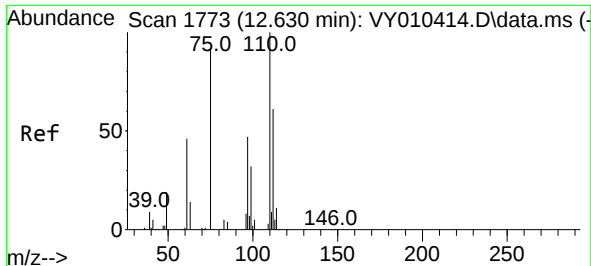
Tgt Ion:117 Resp: 204243
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion:152 Resp: 87627
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.8 0.0 347.6

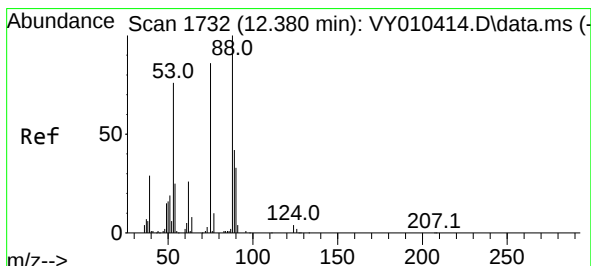
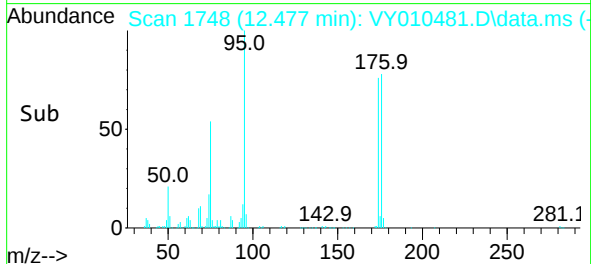
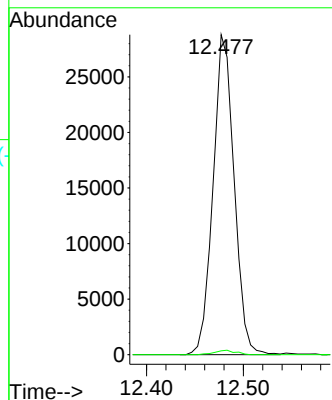
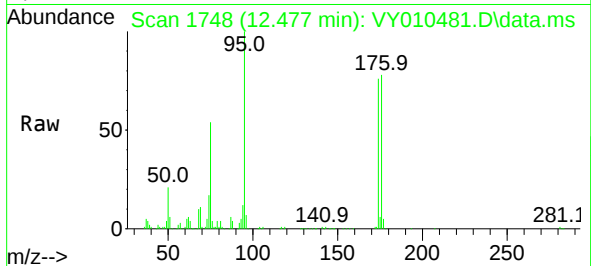




#76
1,2,3-Trichloropropane
Concen: 45.033 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

Tgt Ion: 75 Resp: 43552
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.990 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010481.D
Acq: 14 Sep 2022 13:39

Tgt Ion: 75 Resp: 43552
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

