

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010173.D
 Acq On : 23 Aug 2022 18:21
 Operator : KP/MD
 Sample : N4272-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164717

Quant Time: Aug 24 04:34:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

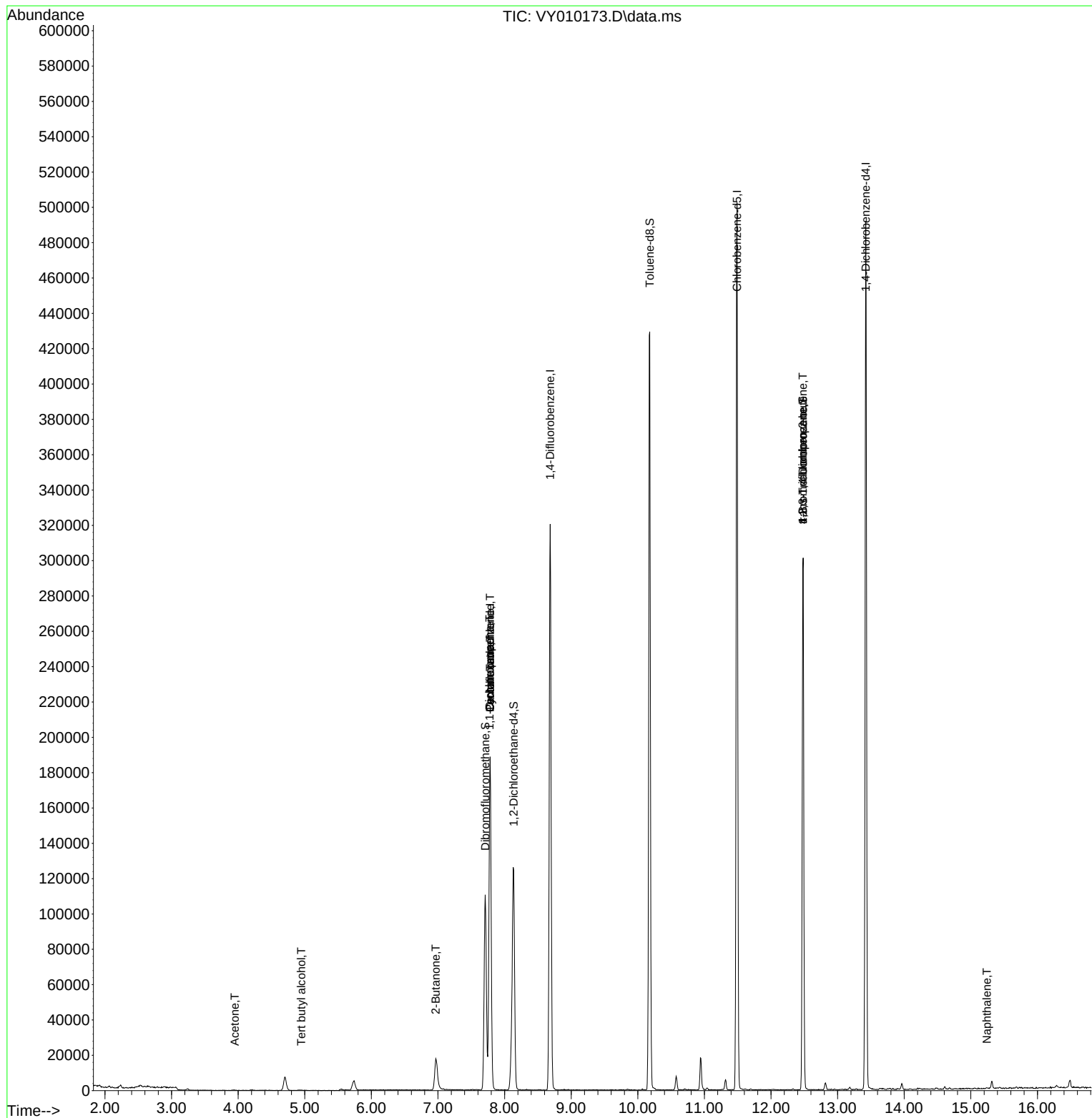
Internal Standards						
1) Pentafluorobenzene	7.783	168	150015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87188	70.956	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.920%			
35) Dibromofluoromethane	7.710	113	79426	50.106	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.220%			
50) Toluene-d8	10.179	98	290760	48.952	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.477	95	91448	43.091	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.180%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.948	59	156	11.628	ug/l #	73
16) Acetone	3.948	43	592	1.925	ug/l #	40
20) Methylene Chloride	4.710	84	5762	Below Cal		89
25) 2-Butanone	6.966	43	1017	2.056	ug/l #	70
31) Cyclohexane	7.783	56	3021	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	11521	4.553	ug/l #	43
38) Carbon Tetrachloride	7.783	117	13933	5.251	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	45537	37.295	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45537	74.908	ug/l #	18
95) Naphthalene	15.239	128	613	4.001	ug/l #	69

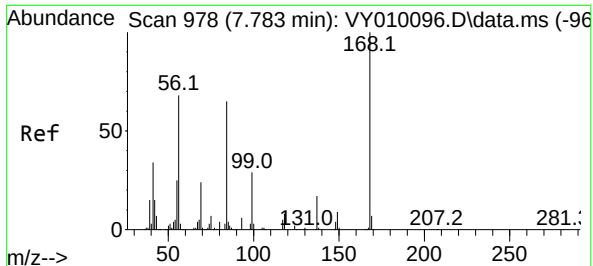
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
Data File : VY010173.D
Acq On : 23 Aug 2022 18:21
Operator : KP/MD
Sample : N4272-07
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

Quant Time: Aug 24 04:34:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

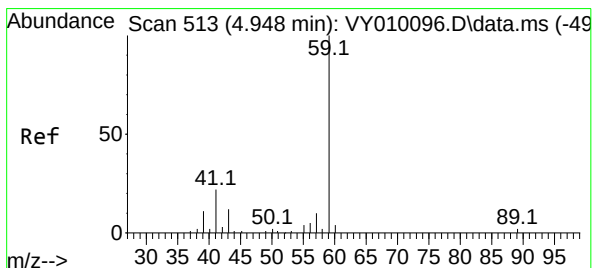
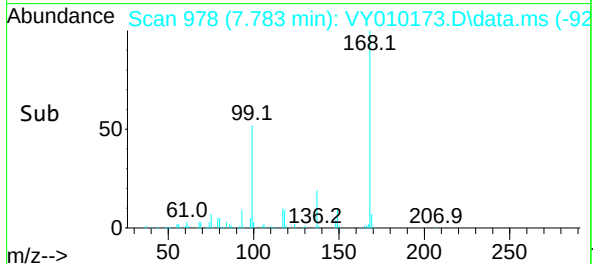
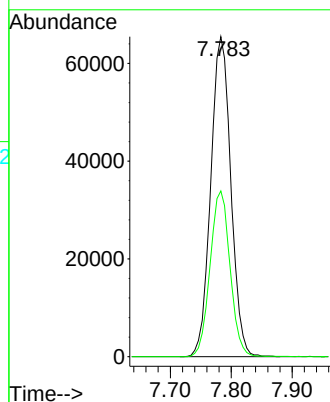
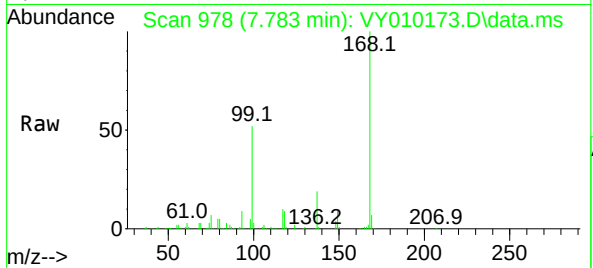




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

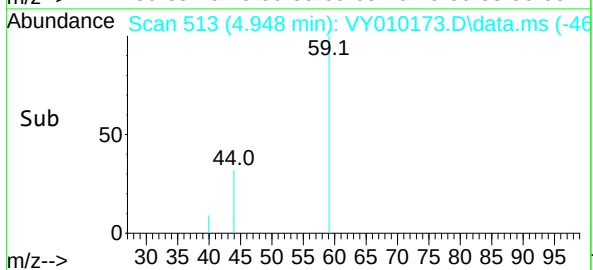
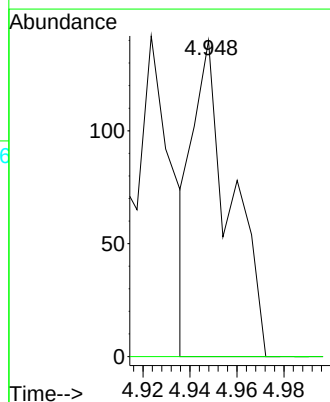
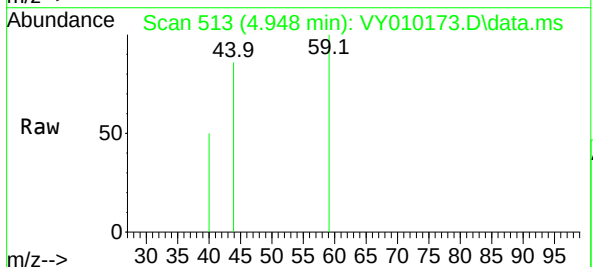
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

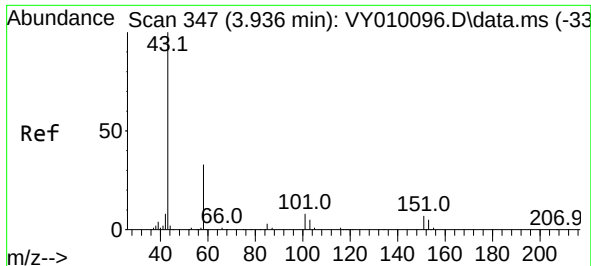
Tgt Ion:168 Resp: 150015
Ion Ratio Lower Upper
168 100
99 51.8 40.7 61.1



#11
Tert butyl alcohol
Concen: 11.628 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

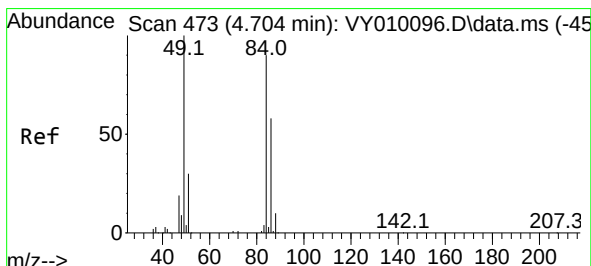
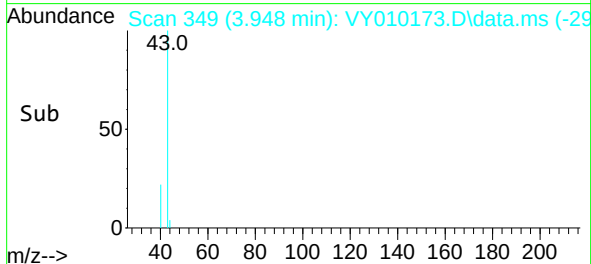
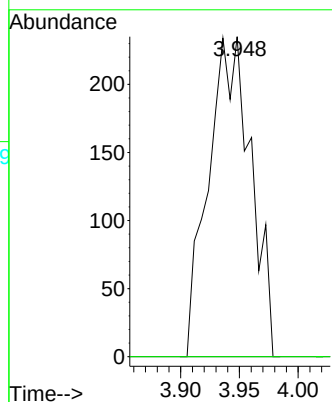
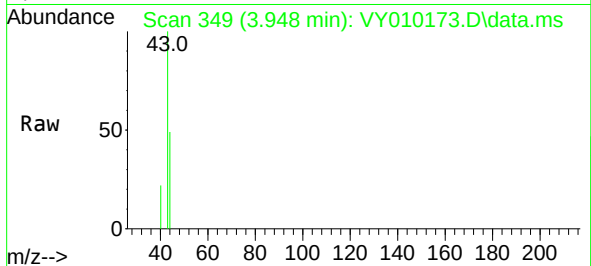




#16
Acetone
Concen: 1.925 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

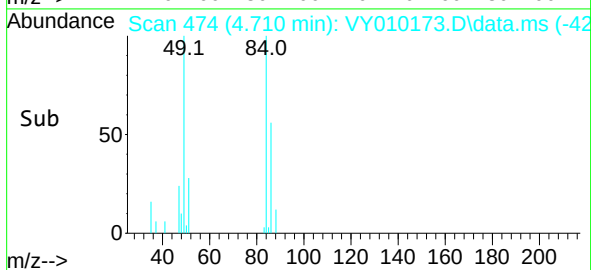
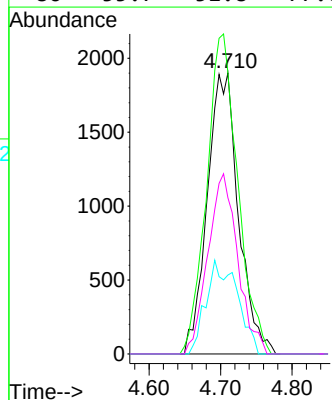
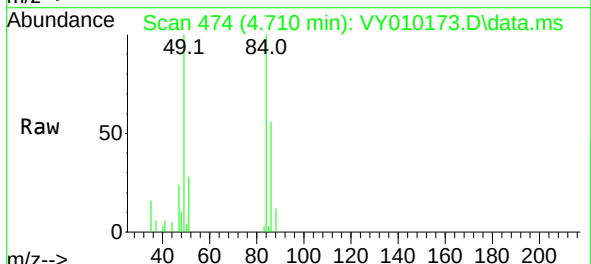
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

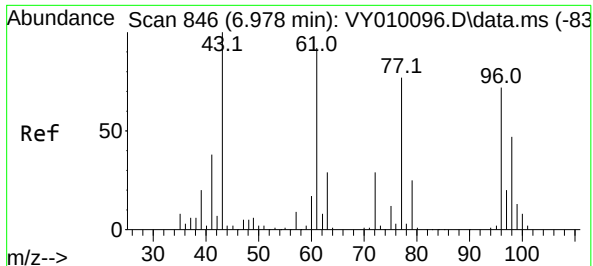
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

Tgt Ion: 84 Resp: 5762
Ion Ratio Lower Upper
84 100
49 100.2 89.0 133.4
51 28.1 27.0 40.6
86 55.7 51.8 77.6





#25

2-Butanone

Concen: 2.056 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY010173.D

Acq: 23 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

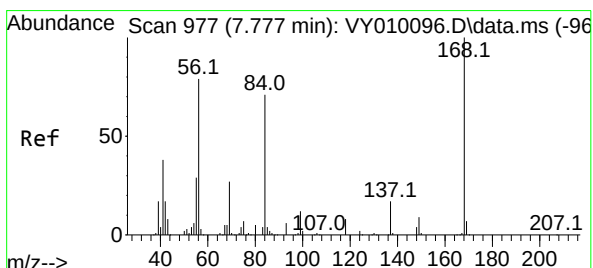
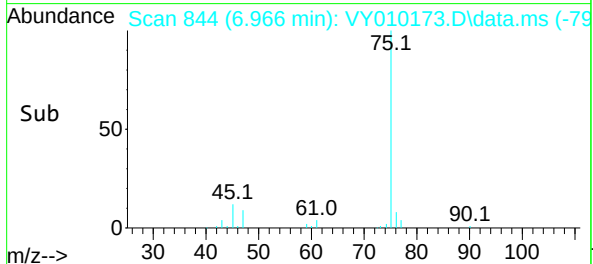
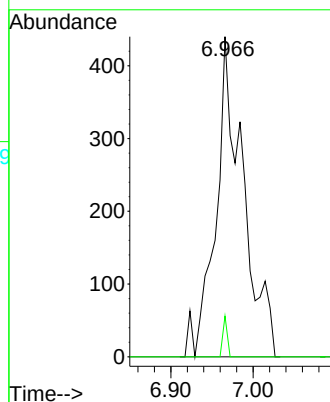
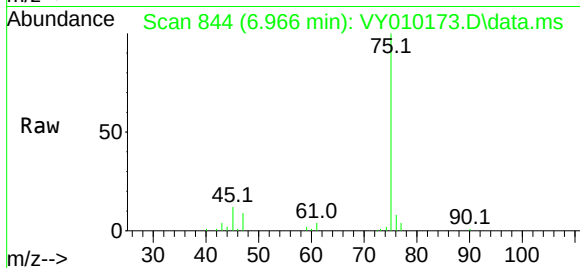
PSC-164717

Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

43 100

72 12.7 23.2 34.8#



#31

Cyclohexane

Concen: 1.200 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010173.D

Acq: 23 Aug 2022 18:21

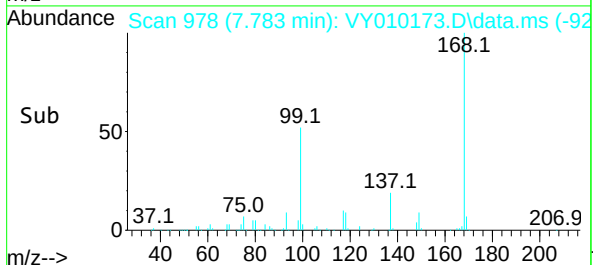
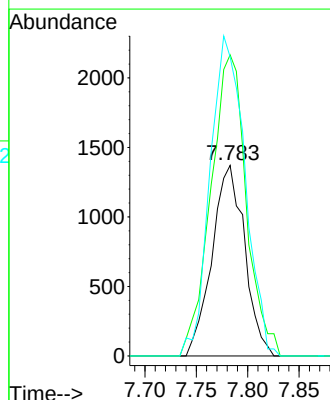
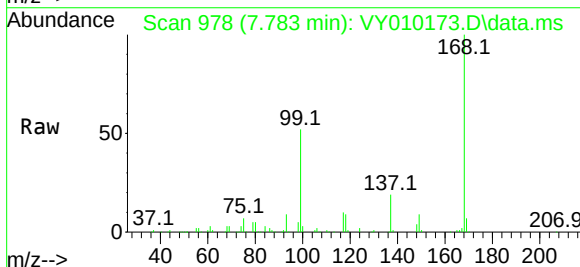
Tgt Ion: 56 Resp: 3021

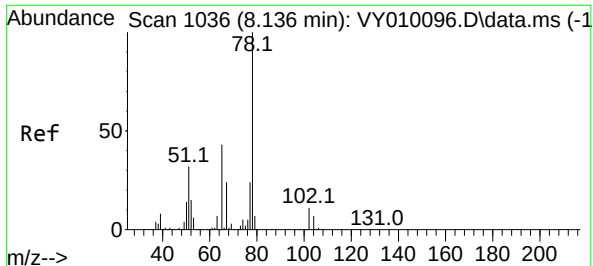
Ion Ratio Lower Upper

56 100

69 158.0 27.3 40.9#

84 156.9 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 70.956 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010173.D

Acq: 23 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

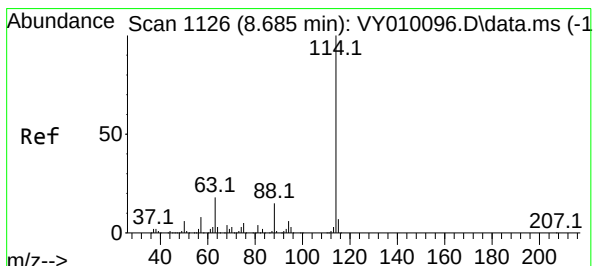
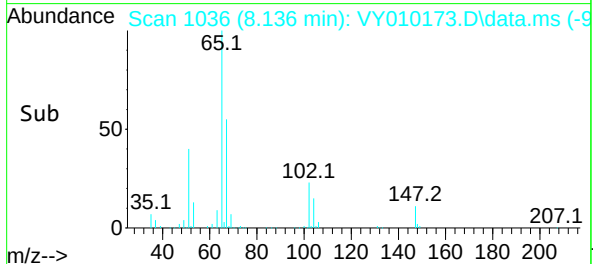
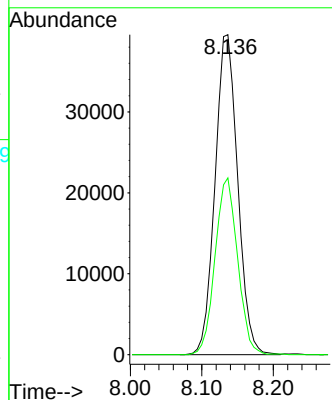
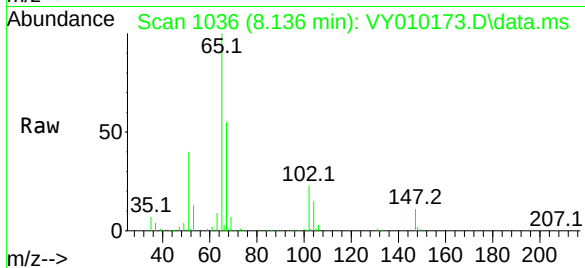
PSC-164717

Tgt Ion: 65 Resp: 87188

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010173.D

Acq: 23 Aug 2022 18:21

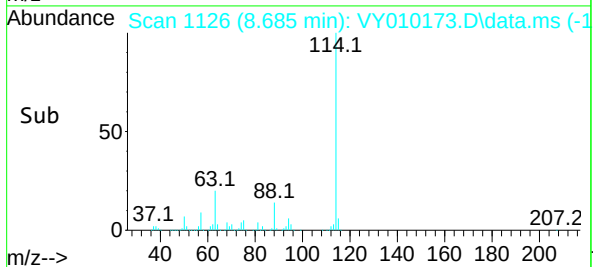
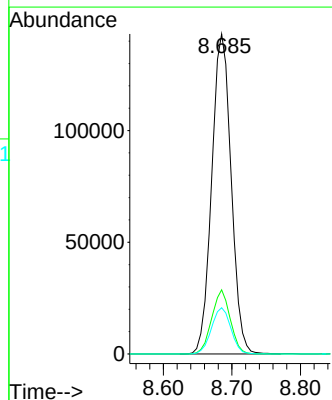
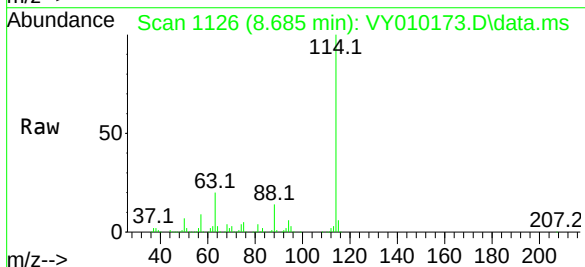
Tgt Ion: 114 Resp: 281313

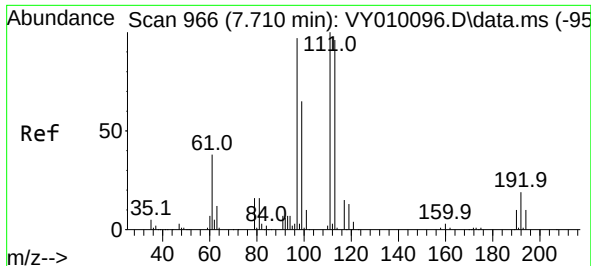
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 14.4 0.0 29.6

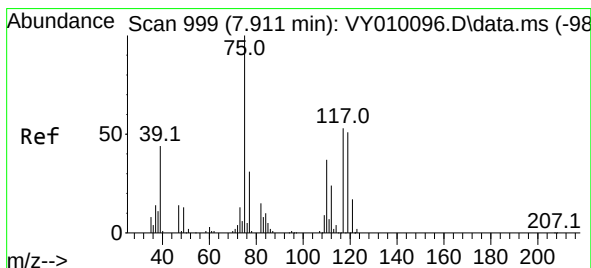
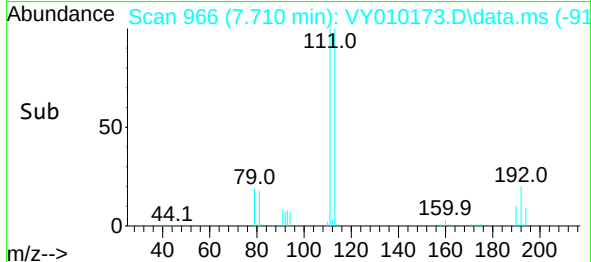
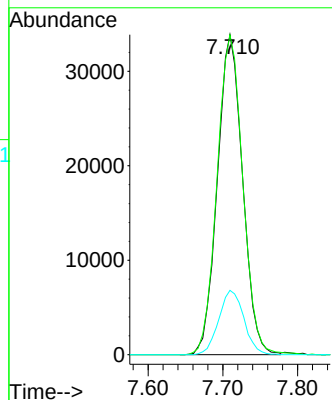
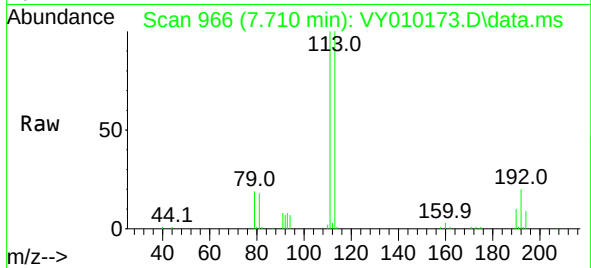




#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

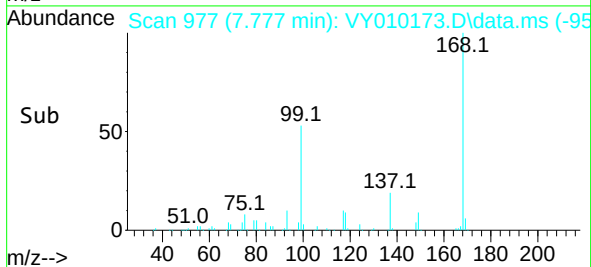
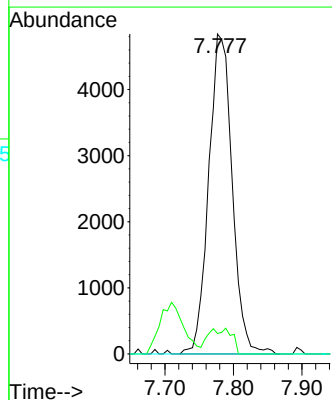
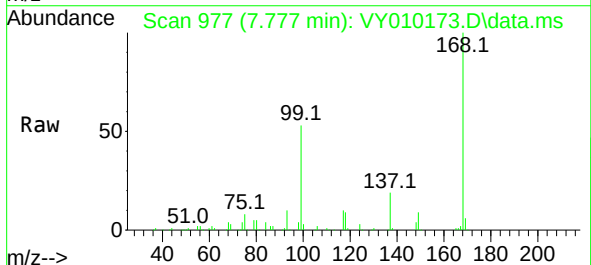
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

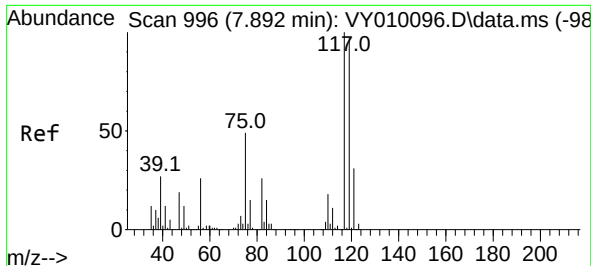
Tgt Ion:113 Resp: 79426
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.1 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.553 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

Tgt Ion: 75 Resp: 11521
Ion Ratio Lower Upper
75 100
110 3.4 18.6 56.0#
77 0.0 24.9 37.3#

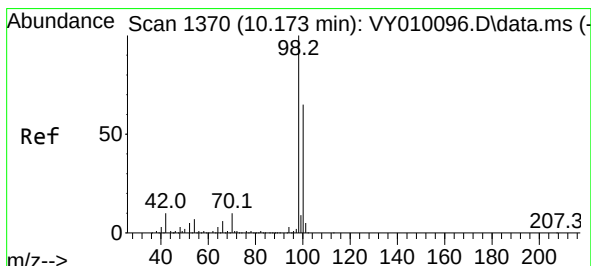
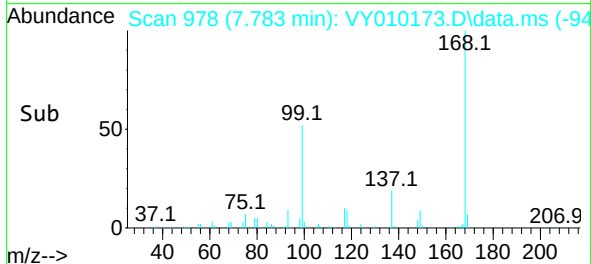
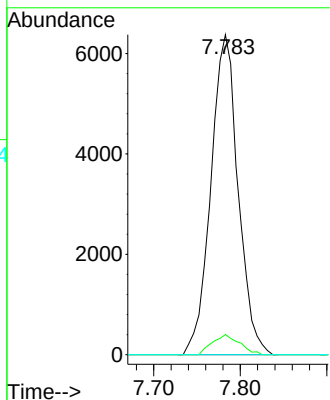
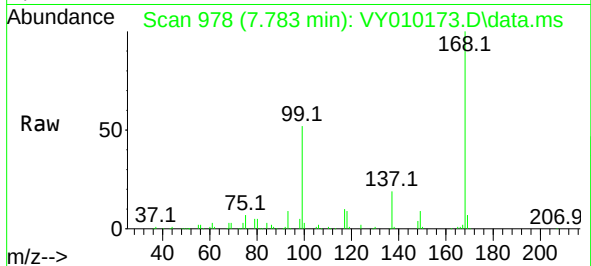




#38
Carbon Tetrachloride
Concen: 5.251 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

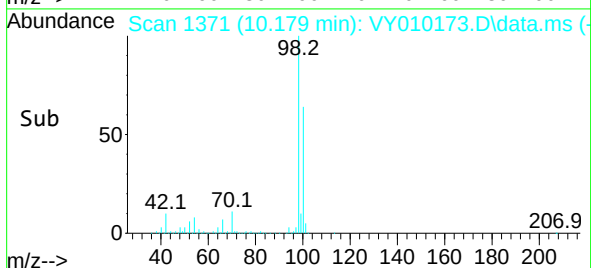
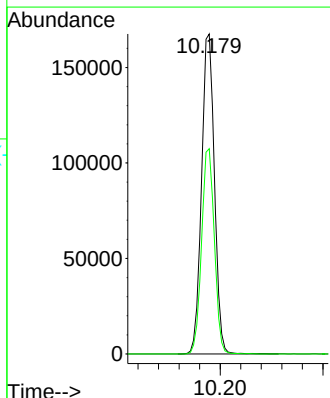
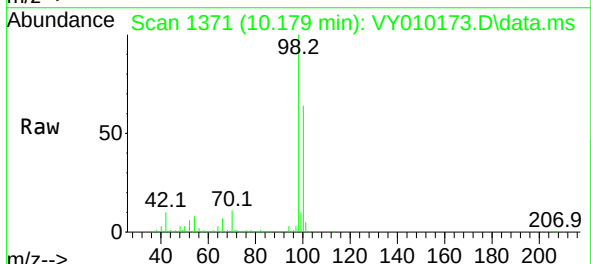
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

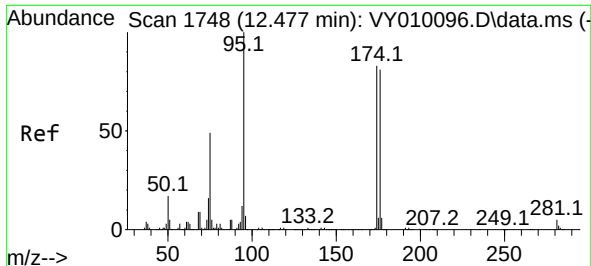
Tgt Ion:117 Resp: 13933
Ion Ratio Lower Upper
117 100
119 6.3 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.952 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

Tgt Ion: 98 Resp: 290760
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

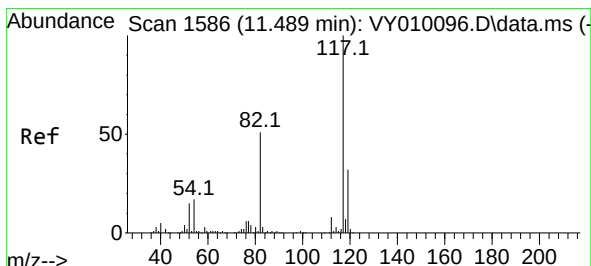
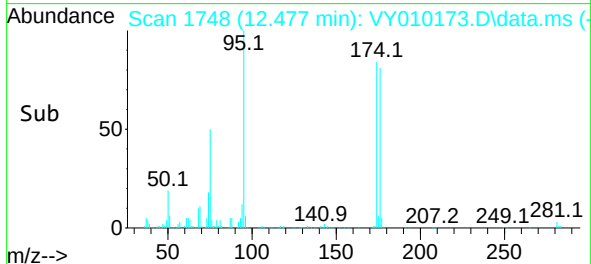
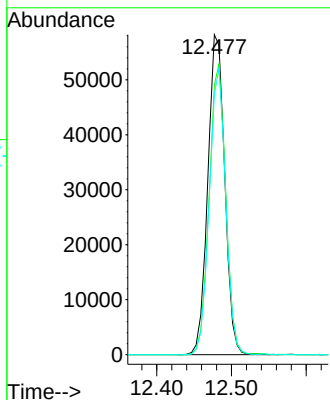
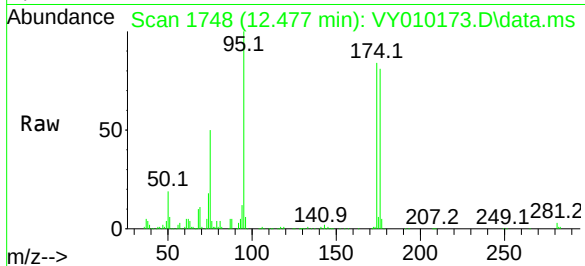




#62
4-Bromofluorobenzene
Concen: 43.091 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

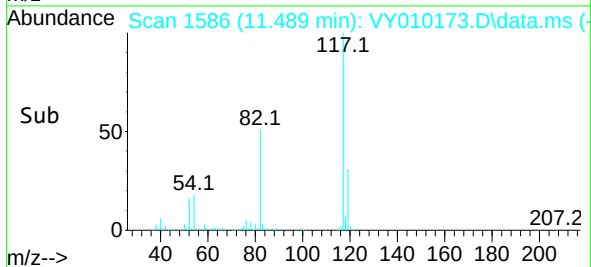
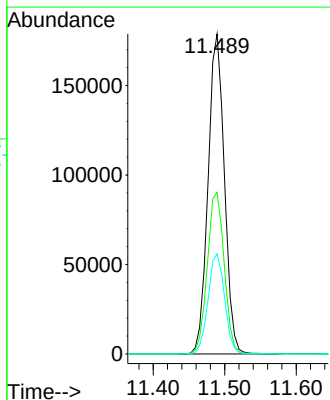
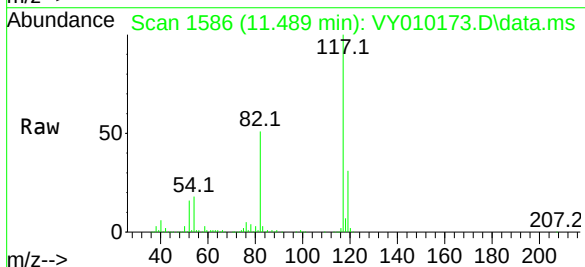
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

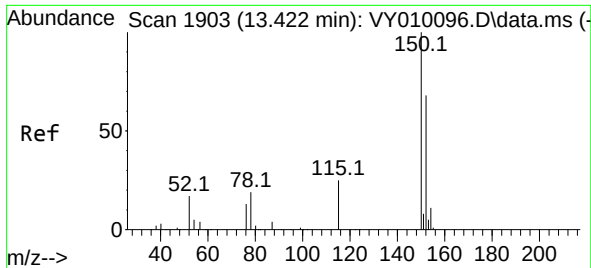
Tgt Ion: 95 Resp: 91448
Ion Ratio Lower Upper
95 100
174 89.3 0.0 173.8
176 86.4 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

Tgt Ion: 117 Resp: 283993
Ion Ratio Lower Upper
117 100
82 50.5 40.6 61.0
119 31.3 25.8 38.8

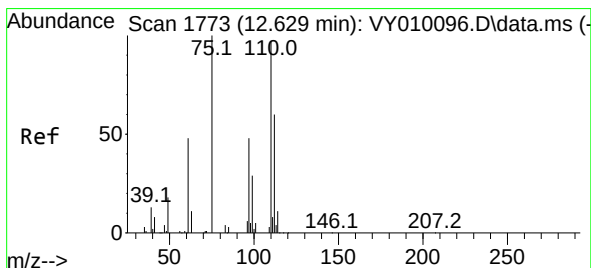
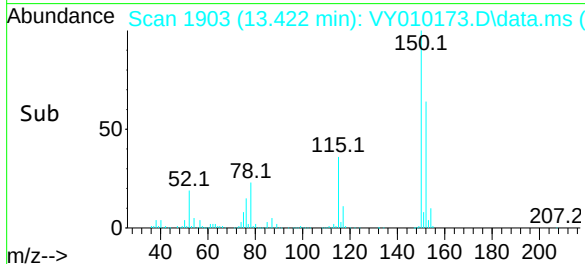
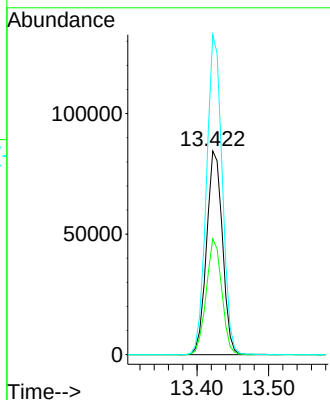
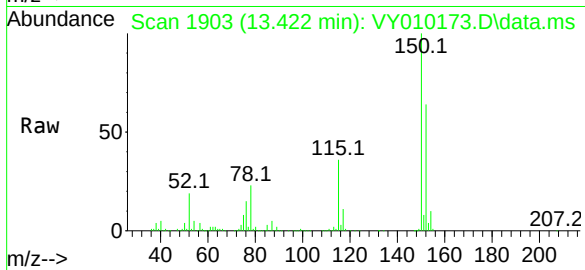




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010173.D
 Acq: 23 Aug 2022 18:21

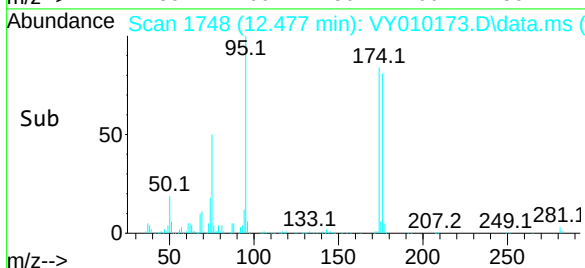
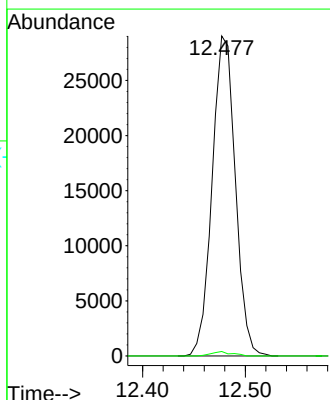
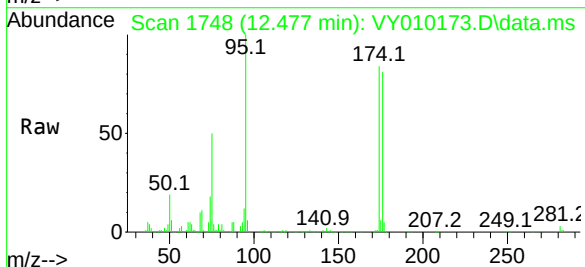
Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164717

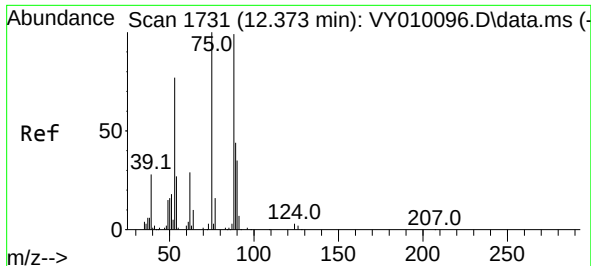
Tgt Ion:152 Resp: 130373
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.1 84.2
 150 155.4 0.0 346.2



#76
 1,2,3-Trichloropropane
 Concen: 37.295 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010173.D
 Acq: 23 Aug 2022 18:21

Tgt Ion: 75 Resp: 45537
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

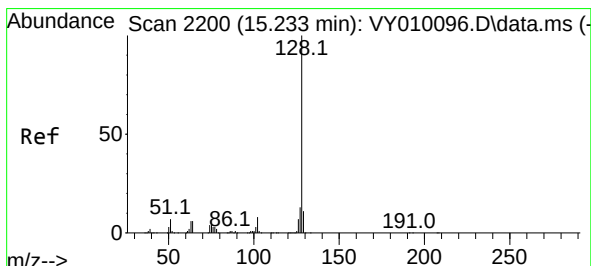
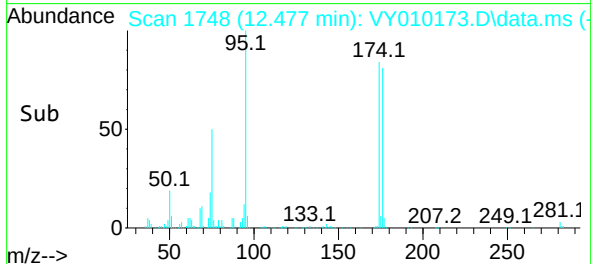
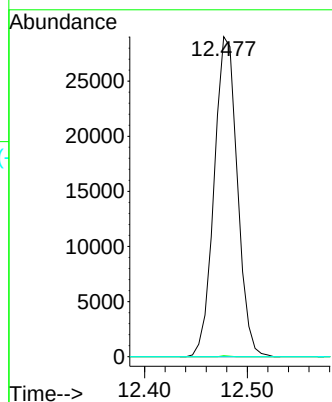
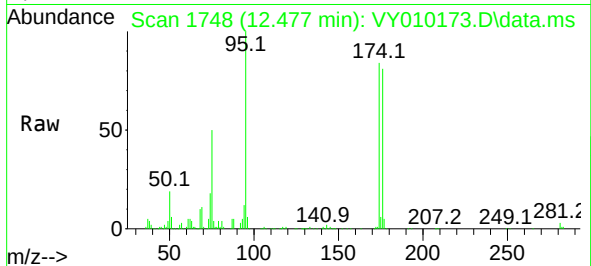




#81
trans-1,4-Dichloro-2-butene
Concen: 74.908 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

Tgt Ion: 75 Resp: 45537
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 36.8 55.2#



#95
Naphthalene
Concen: 4.001 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010173.D
Acq: 23 Aug 2022 18:21

Tgt Ion: 128 Resp: 613
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

