

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010124.D
 Acq On : 20 Aug 2022 00:28
 Operator : KP/MD
 Sample : N4219-02
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-2

Quant Time: Aug 22 02:50:08 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)

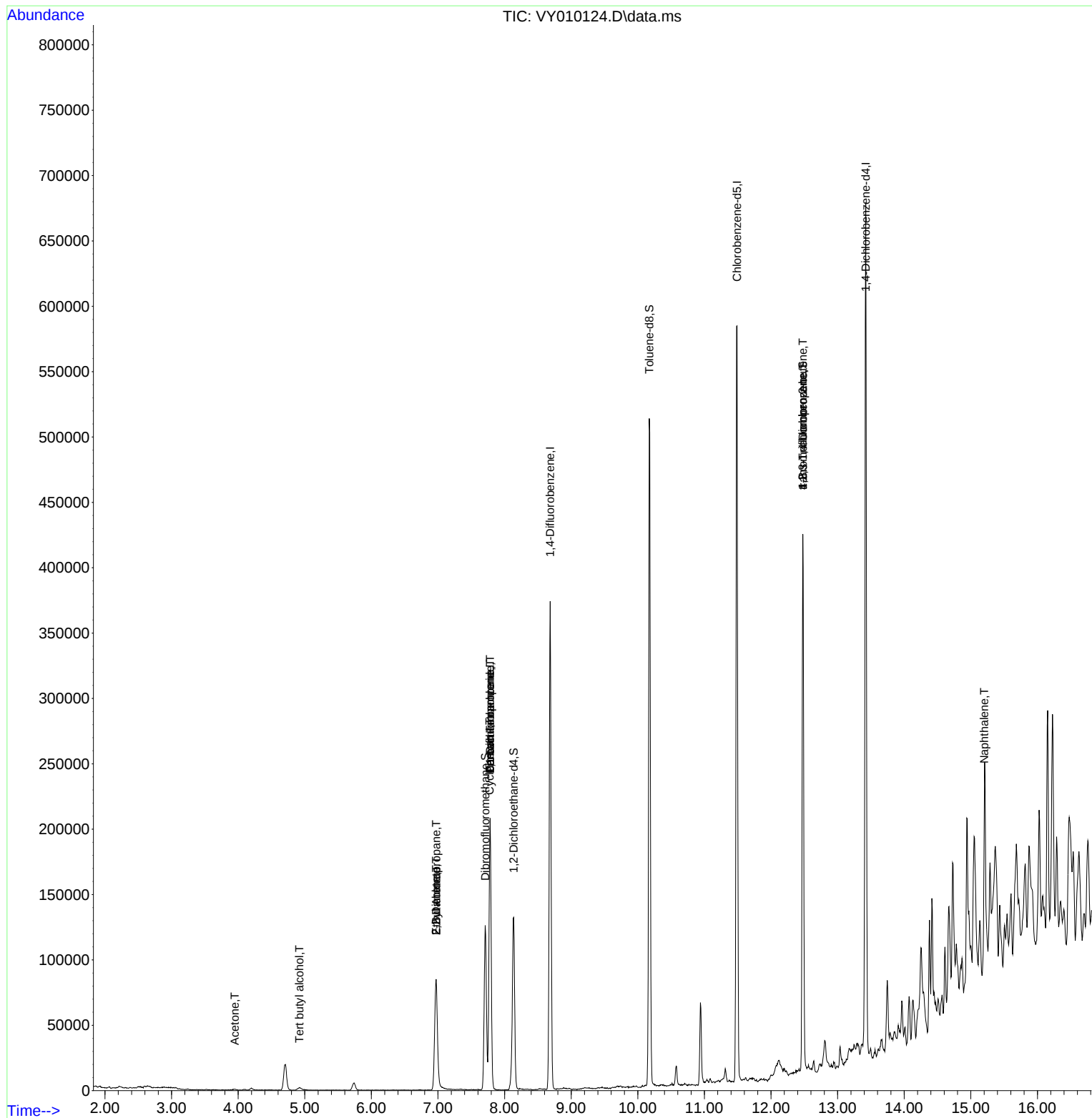
Internal Standards						
1) Pentafluorobenzene	7.783	168	167226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95516	69.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.460%	
35) Dibromofluoromethane	7.710	113	90042	49.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.100%	
50) Toluene-d8	10.173	98	343482	50.449	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.477	95	125291	51.504	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	1226	18.727	ug/l #	77
16) Acetone	3.948	43	1372	4.002	ug/l #	81
20) Methylene Chloride	4.710	84	15404	Below Cal		98
25) 2-Butanone	6.972	43	4249	7.705	ug/l #	75
26) 2,2-Dichloropropane	6.972	77	6218	2.408	ug/l #	50
31) Cyclohexane	7.777	56	3185	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12334	4.253	ug/l #	48
37) Ethyl Acetate	6.972	43	4249	2.886	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15748	5.177	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	61800	38.745	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61800	77.819	ug/l #	18
95) Naphthalene	15.202	128	2237	4.208	ug/l #	1

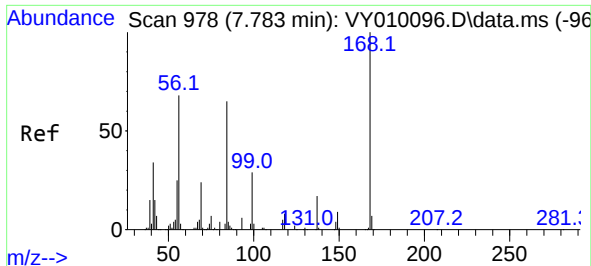
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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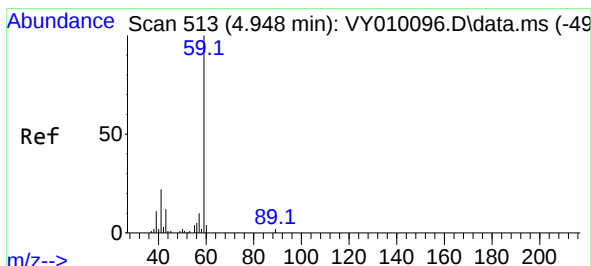
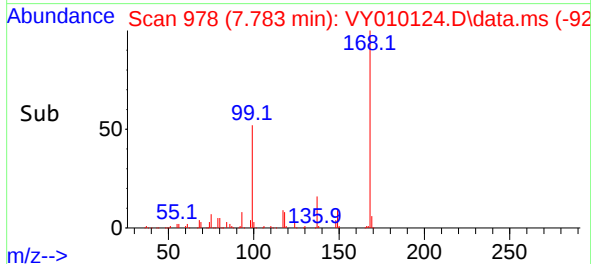
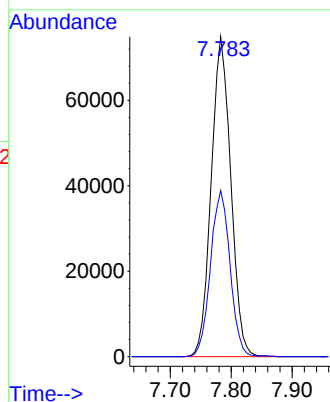
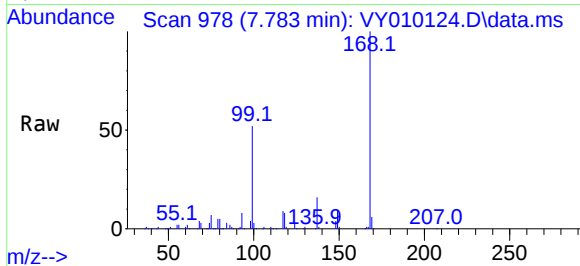




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

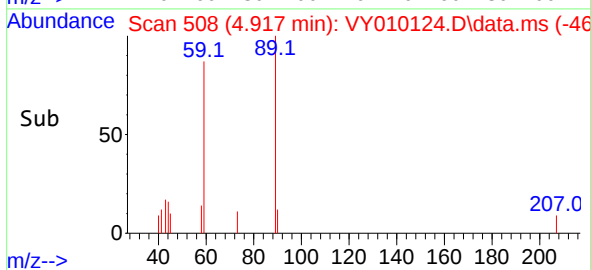
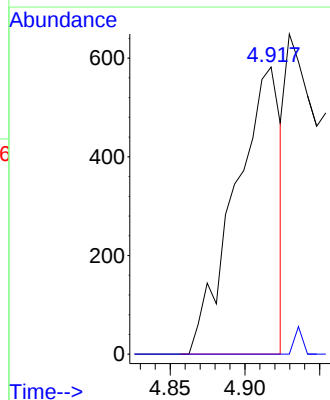
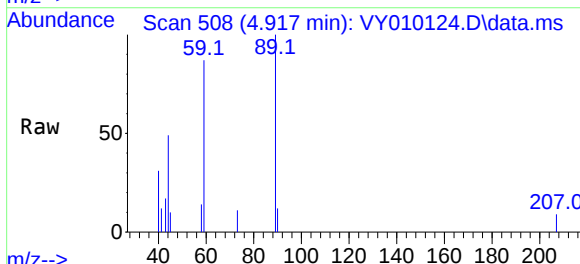
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

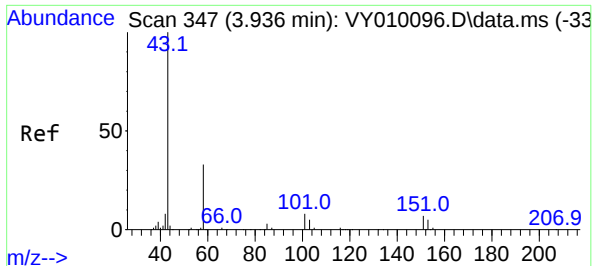
Tgt Ion:168 Resp: 167226
Ion Ratio Lower Upper
168 100
99 52.0 40.7 61.1



#11
Tert butyl alcohol
Concen: 18.727 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

Tgt Ion: 59 Resp: 1226
Ion Ratio Lower Upper
59 100
57 1.6 8.2 12.2#

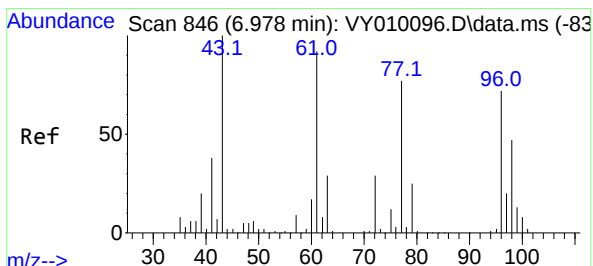
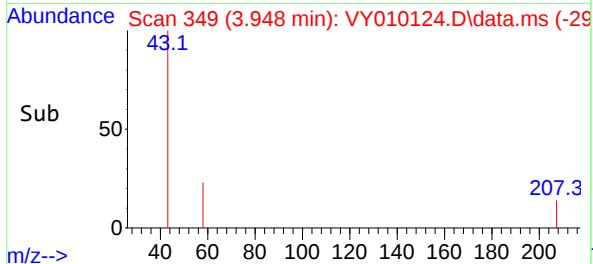
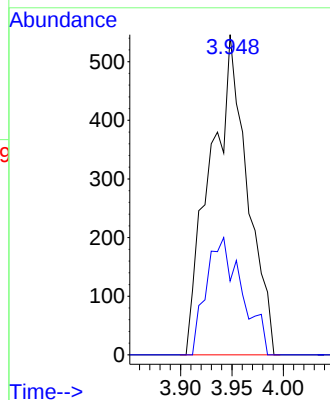
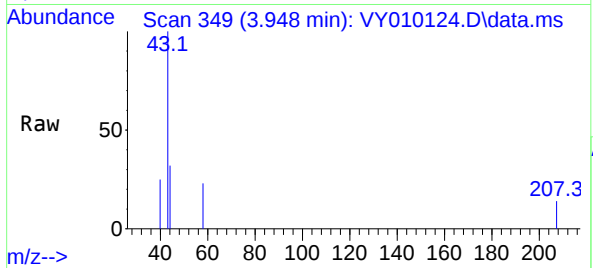




#16
Acetone
Concen: 4.002 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

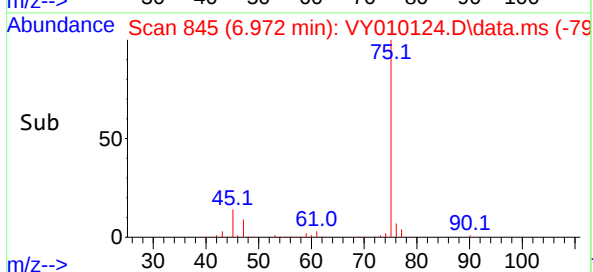
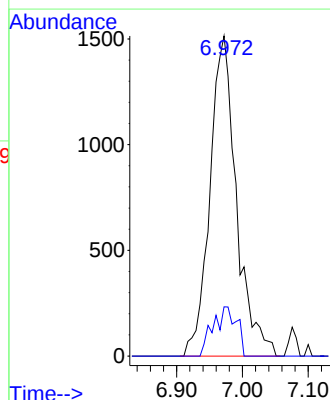
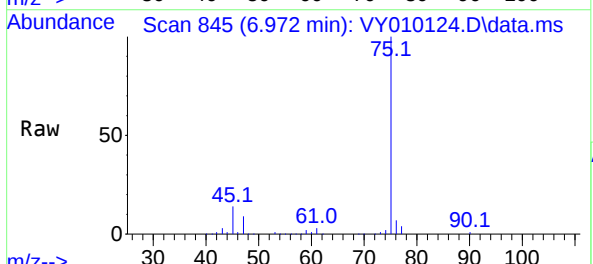
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

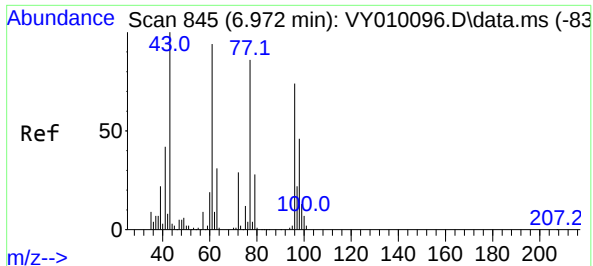
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 23.1 27.4 41.0#



#25
2-Butanone
Concen: 7.705 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

Tgt Ion: 43 Resp: 4249
Ion Ratio Lower Upper
43 100
72 15.4 23.2 34.8#

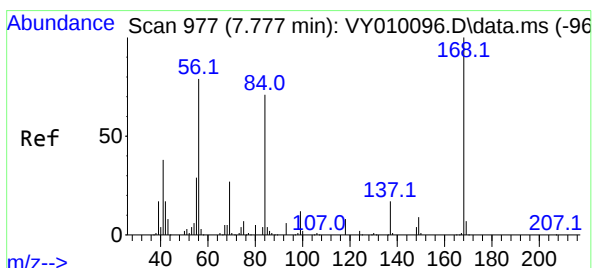
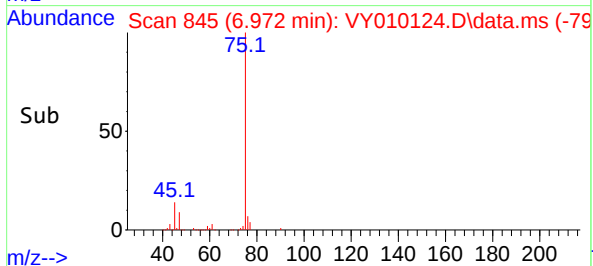
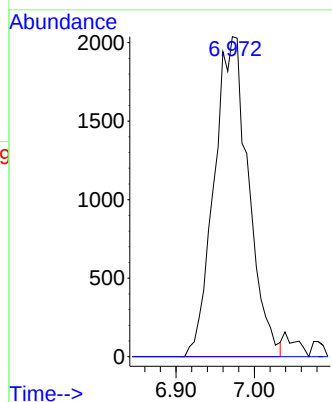
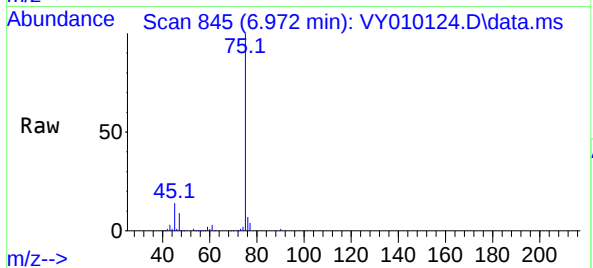




#26
2,2-Dichloropropane
Concen: 2.408 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

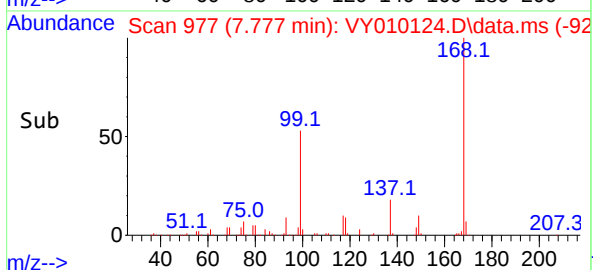
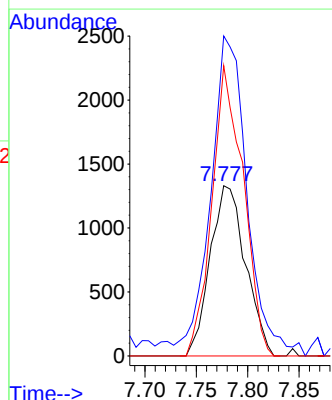
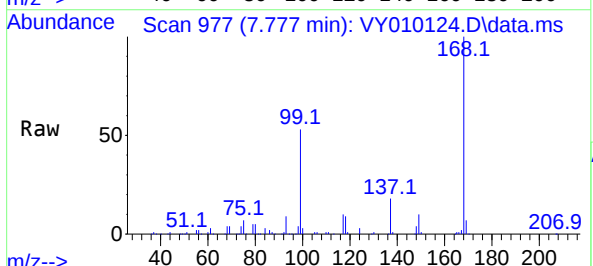
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

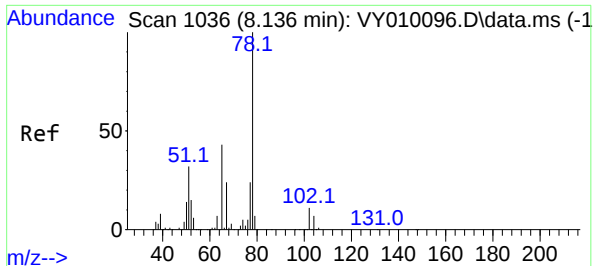
Tgt Ion: 77 Resp: 6218
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

Tgt Ion: 56 Resp: 3185
Ion Ratio Lower Upper
56 100
69 179.0 27.3 40.9#
84 170.5 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 69.733 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010124.D

Acq: 20 Aug 2022 00:28

Instrument :

MSVOA_Y

ClientSampleId :

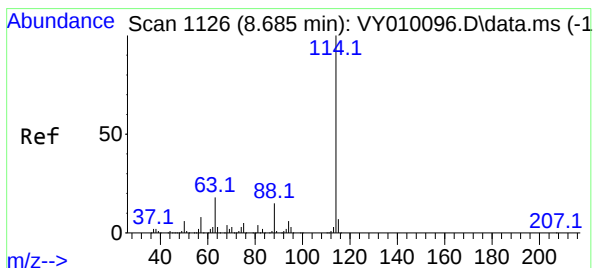
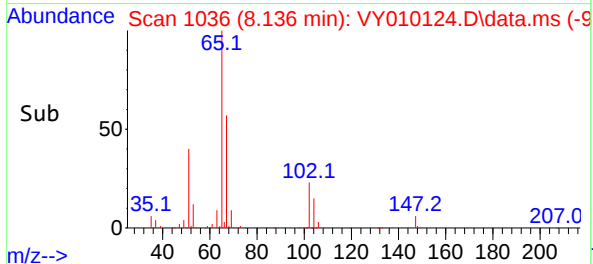
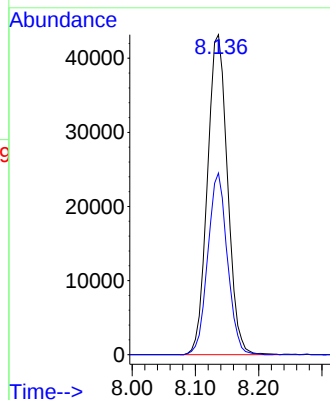
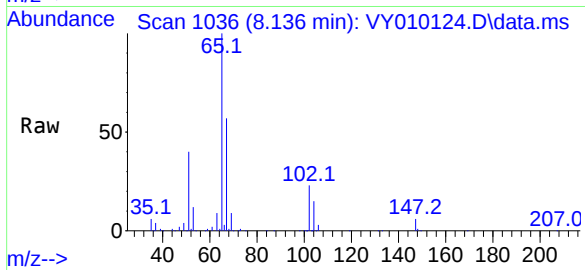
PX-2

Tgt Ion: 65 Resp: 95516

Ion Ratio Lower Upper

65 100

67 55.1 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: VY010124.D

Acq: 20 Aug 2022 00:28

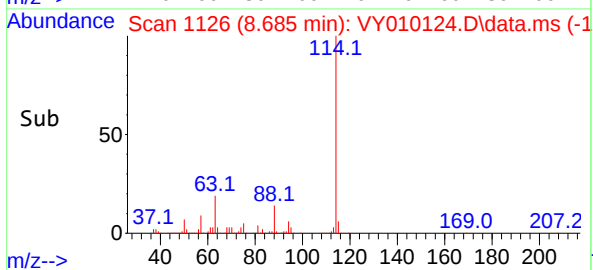
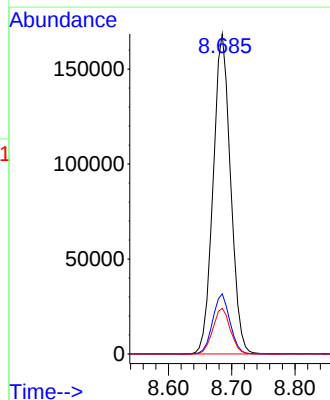
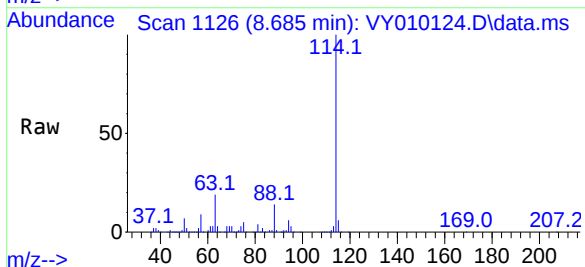
Tgt Ion: 114 Resp: 322463

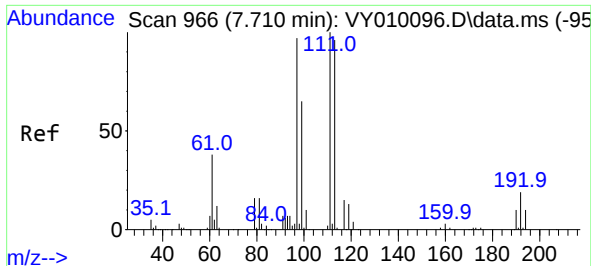
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 14.2 0.0 29.6

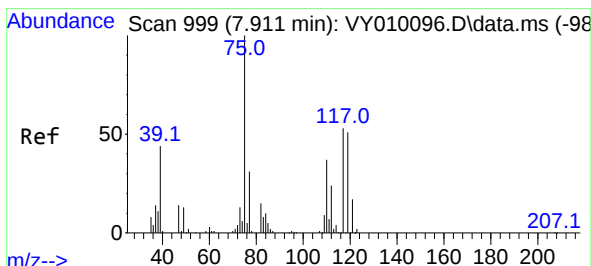
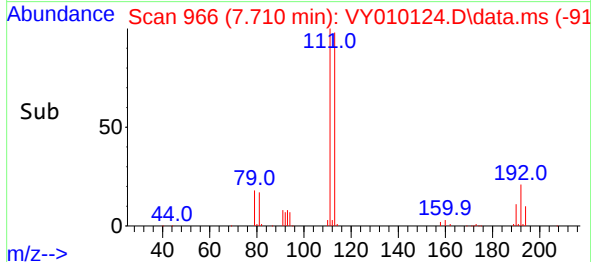
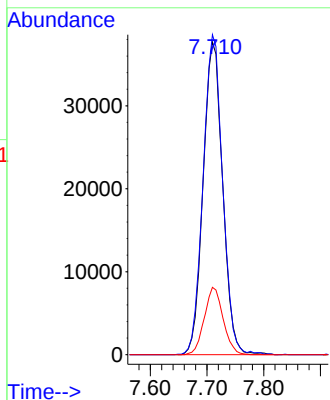
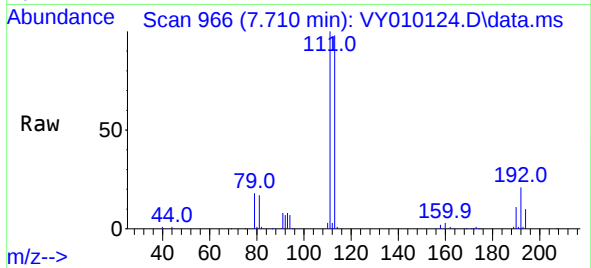




#35
Dibromofluoromethane
Concen: 49.555 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

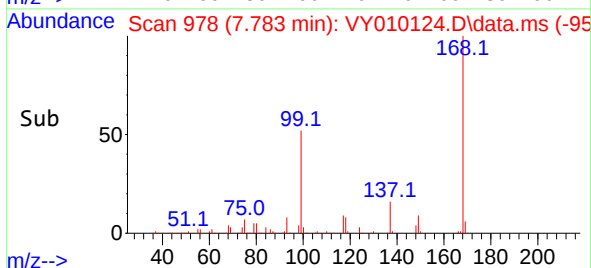
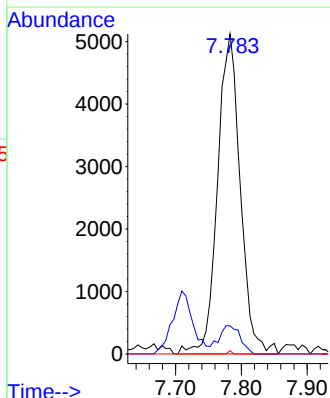
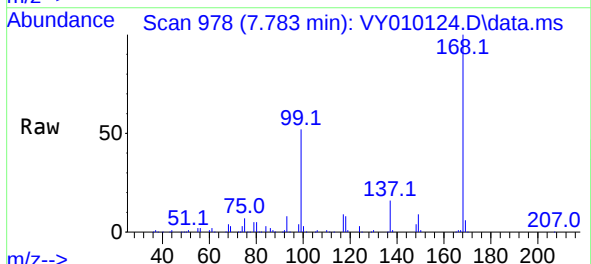
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

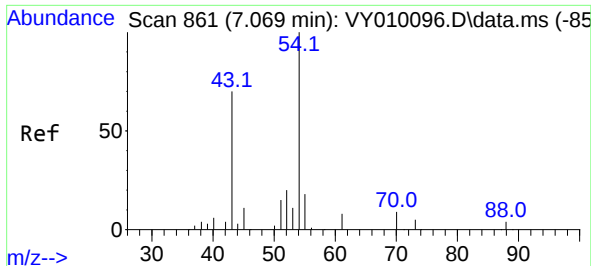
Tgt Ion:	113	Resp:	90042
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	20.8	16.3	24.5



#36
1,1-Dichloropropene
Concen: 4.253 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

Tgt Ion:	75	Resp:	12334
Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.6	56.0#
77	0.2	24.9	37.3#





#37

Ethyl Acetate

Concen: 2.886 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.097 min

Lab File: VY010124.D

Acq: 20 Aug 2022 00:28

Instrument :

MSVOA_Y

ClientSampleId :

PX-2

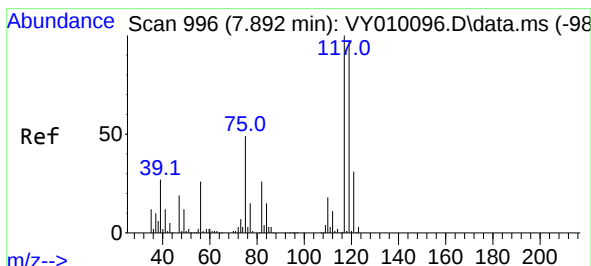
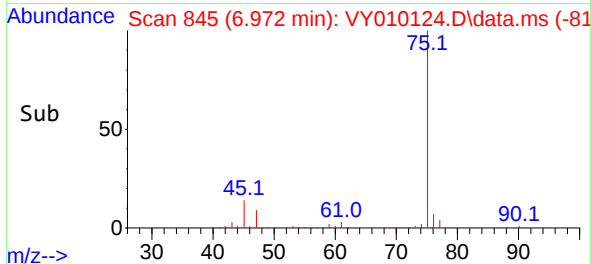
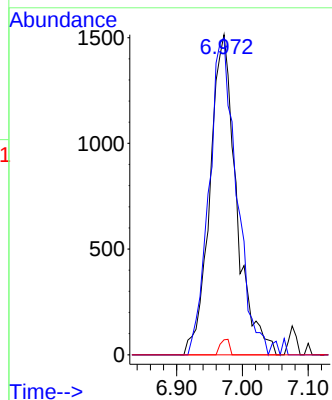
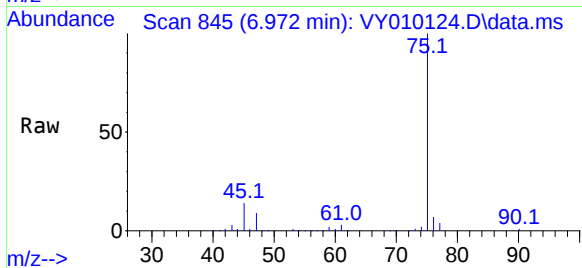
Tgt Ion: 43 Resp: 4249

Ion Ratio Lower Upper

43 100

61 102.7 11.7 17.5#

70 1.7 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 5.177 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY010124.D

Acq: 20 Aug 2022 00:28

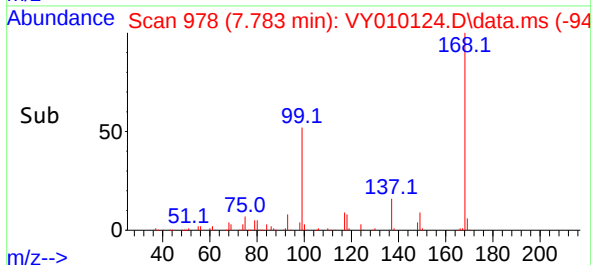
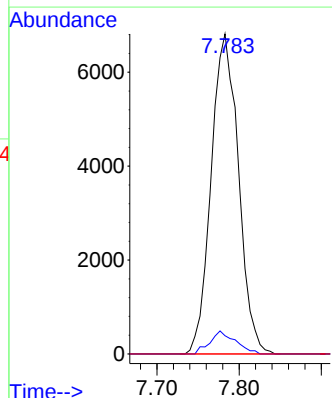
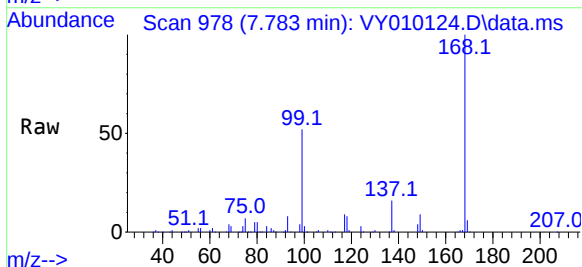
Tgt Ion:117 Resp: 15748

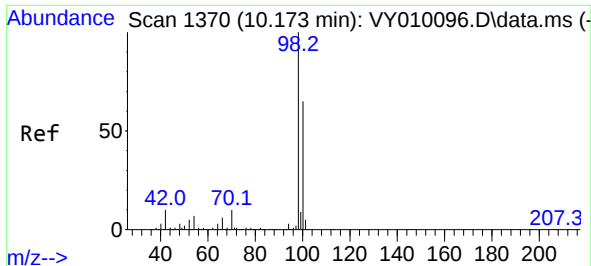
Ion Ratio Lower Upper

117 100

119 5.7 77.1 115.7#

121 0.0 24.7 37.1#

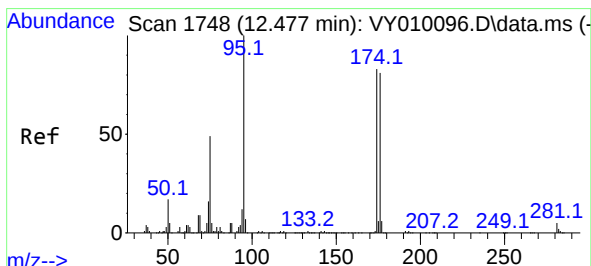
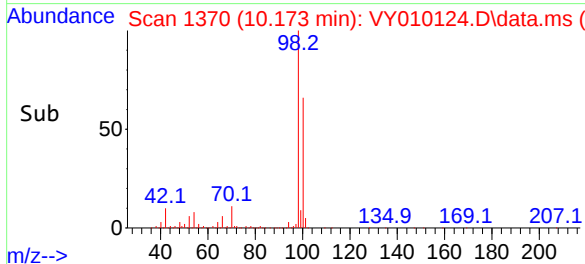
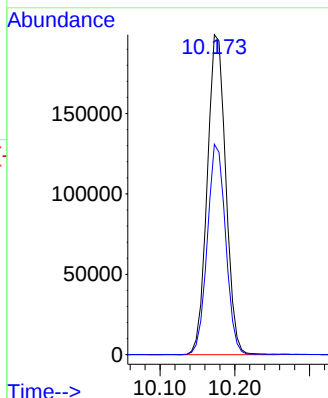
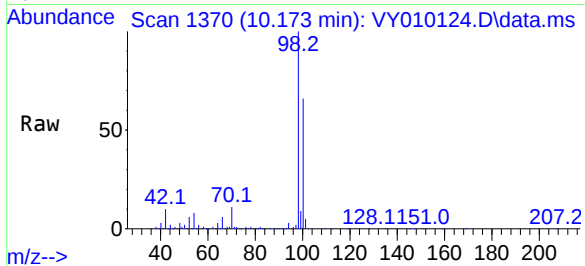




#50
Toluene-d8
Concen: 50.449 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

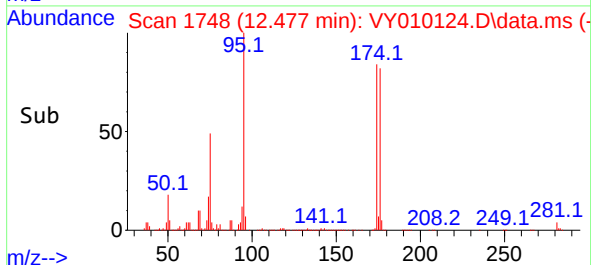
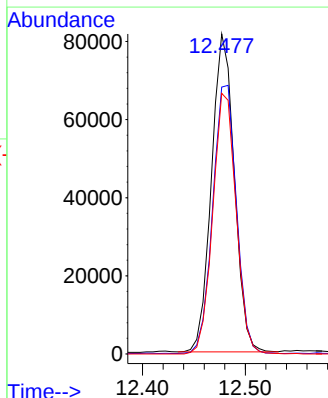
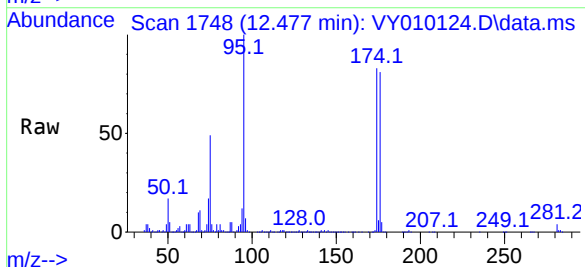
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

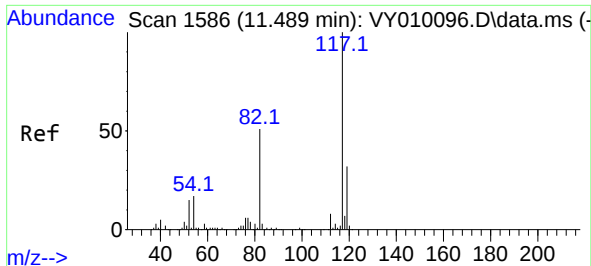
Tgt Ion: 98 Resp: 343482
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.504 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

Tgt Ion: 95 Resp: 125291
Ion Ratio Lower Upper
95 100
174 87.6 0.0 173.8
176 83.9 0.0 167.2

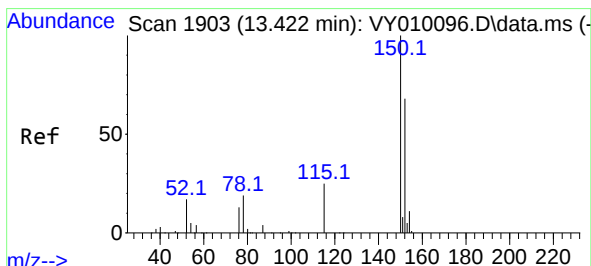
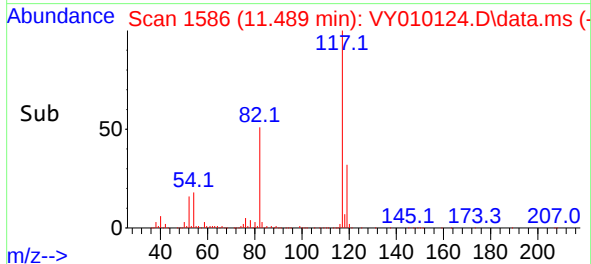
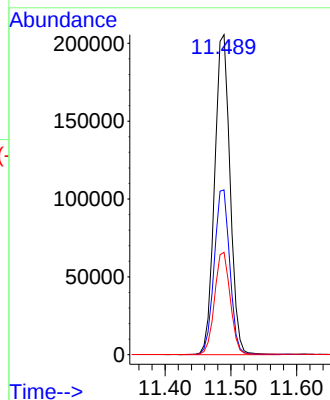
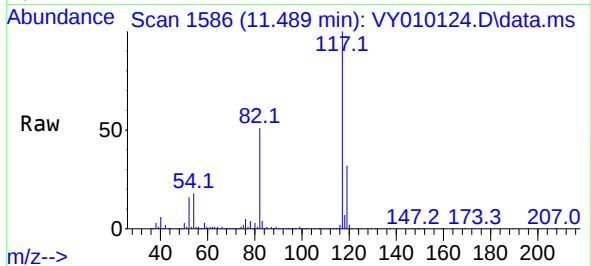




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

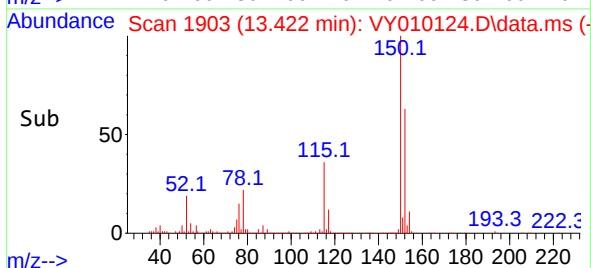
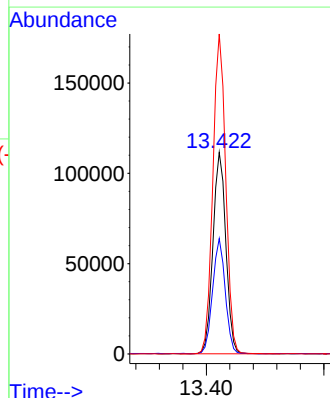
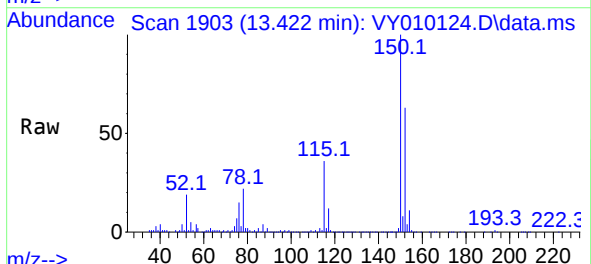
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

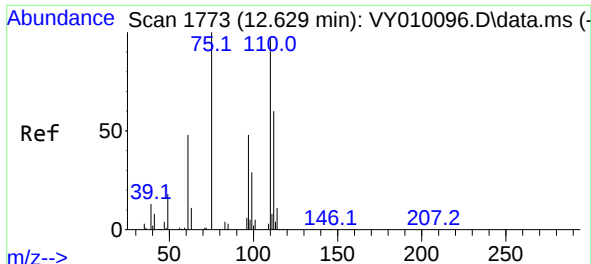
Tgt Ion:117 Resp: 337274
Ion Ratio Lower Upper
117 100
82 51.4 40.6 61.0
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

Tgt Ion:152 Resp: 170315
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 158.0 0.0 346.2

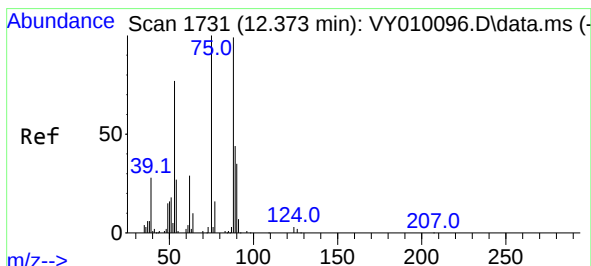
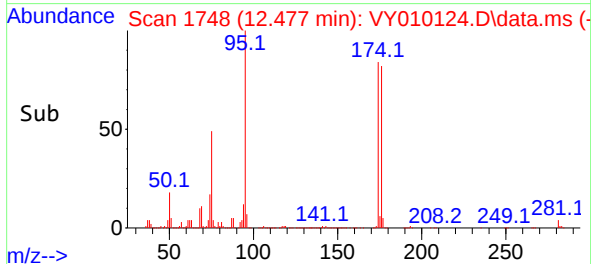
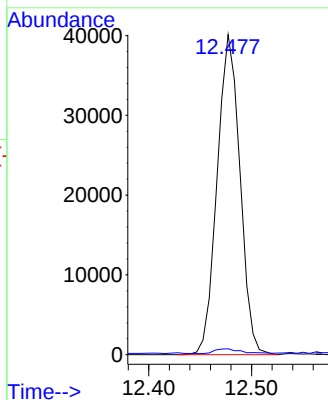
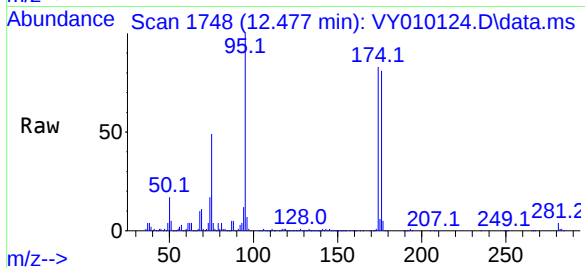




#76
1,2,3-Trichloropropane
Concen: 38.745 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

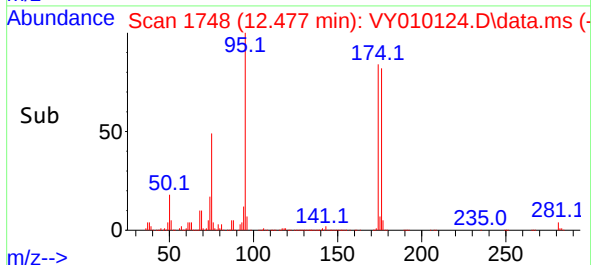
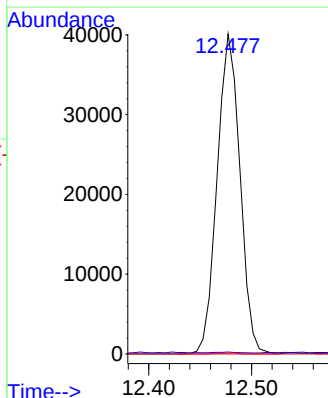
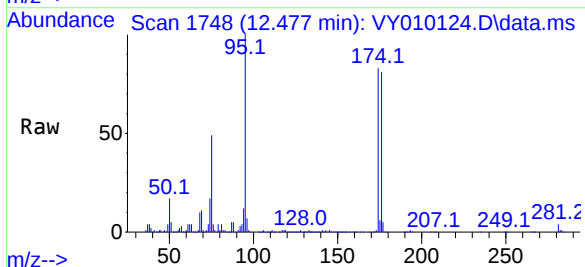
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

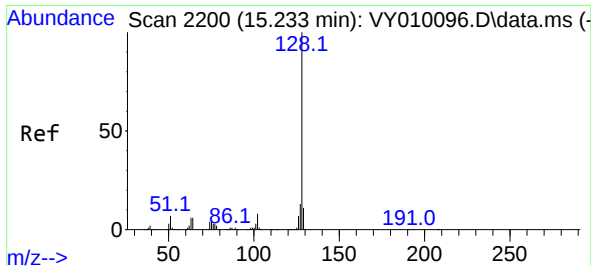
Tgt Ion: 75 Resp: 61800
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.819 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010124.D
Acq: 20 Aug 2022 00:28

Tgt Ion: 75 Resp: 61800
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.3 36.8 55.2#





#95

Naphthalene

Concen: 4.208 ug/l

RT: 15.202 min Scan# 21

Delta R.T. -0.031 min

Lab File: VY010124.D

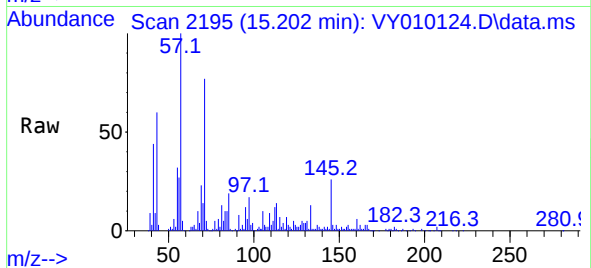
Acq: 20 Aug 2022 00:28

Instrument :

MSVOA_Y

ClientSampleId :

PX-2



Tgt Ion:128 Resp: 2237

Ion Ratio Lower Upper

128 100

127 90.5 10.2 15.2#

129 51.4 8.9 13.3#

