

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010441.D
 Acq On : 12 Sep 2022 12:43
 Operator : KP/MD
 Sample : VY0912SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBL01

Quant Time: Sep 13 05:11:35 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)

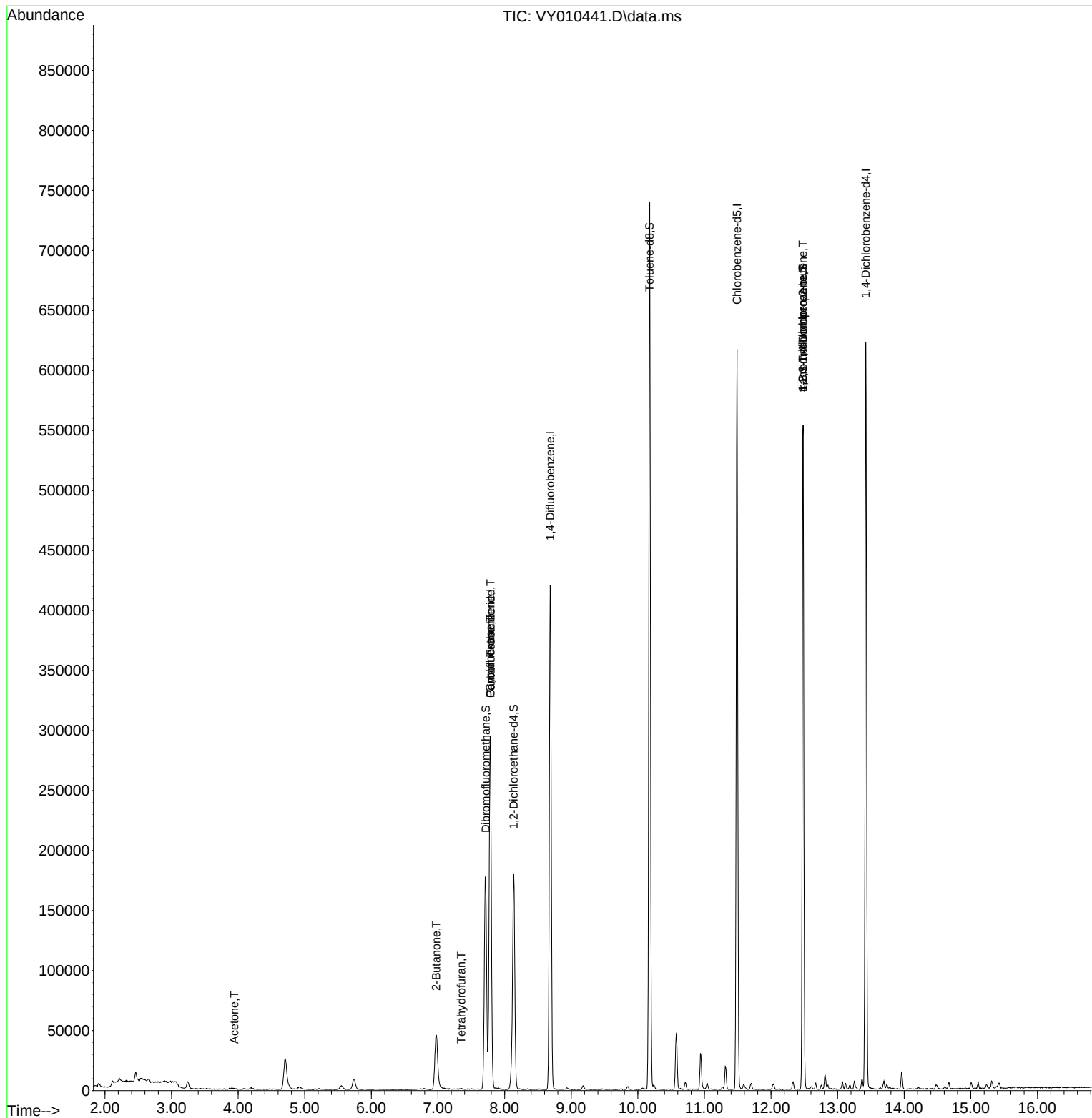
Internal Standards						
1) Pentafluorobenzene	7.789	168	238041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132707	55.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.700%
35) Dibromofluoromethane	7.715	113	128430	48.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.160%
50) Toluene-d8	10.178	98	480969	55.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.120%
62) 4-Bromofluorobenzene	12.477	95	163303	47.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.500%
Target Compounds						
2) Dichlorodifluoromethane	1.899	85	1974	Below Cal	Qvalue	99
11) Tert butyl alcohol	4.929	59	2366	Below Cal	#	77
16) Acetone	3.942	43	1945	3.535	ug/l	92
25) 2-Butanone	6.972	43	3325	3.803	ug/l	# 79
29) Tetrahydrofuran	7.350	42	576	1.055	ug/l	# 79
31) Cyclohexane	7.783	56	5219	1.289	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	22835	5.613	ug/l	# 15
58) 2-Chloroethyl Vinyl ether	9.782	63	45	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.477	75	84732	46.934	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	84732	104.210	ug/l	# 7

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

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

Quant Time: Sep 13 05:11:35 2022
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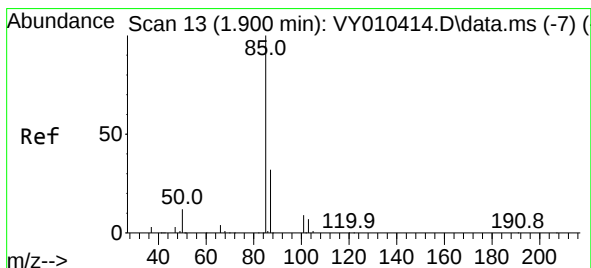
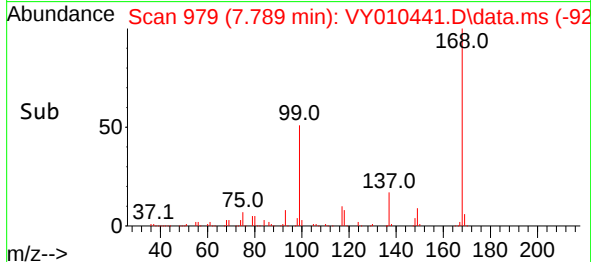
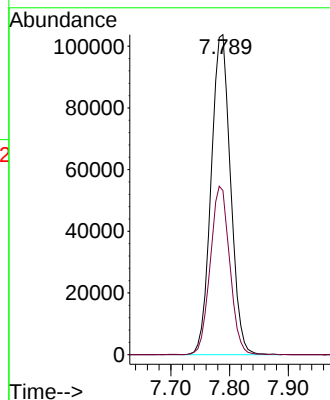
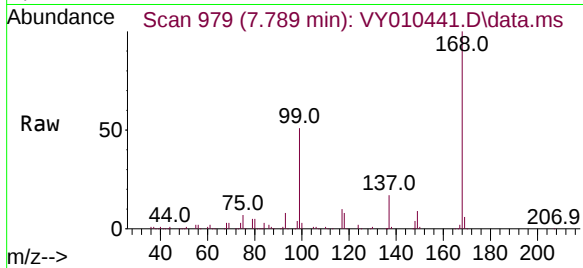




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

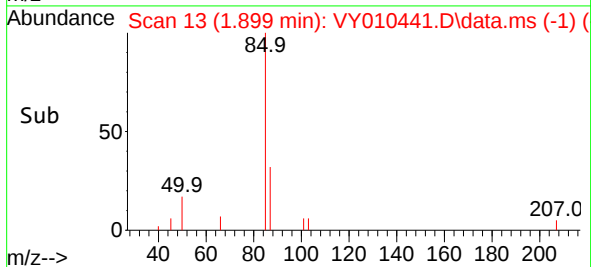
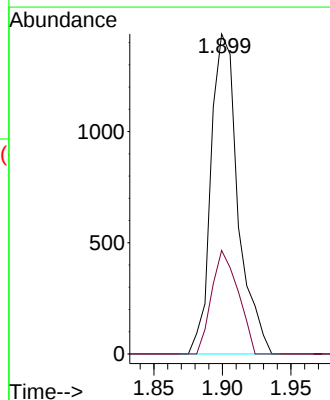
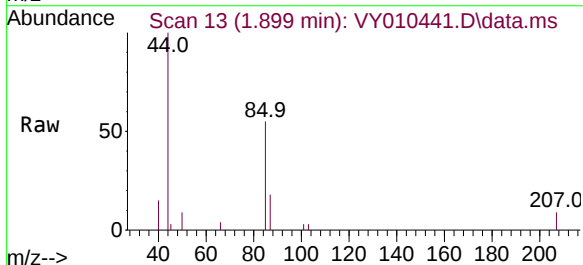
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

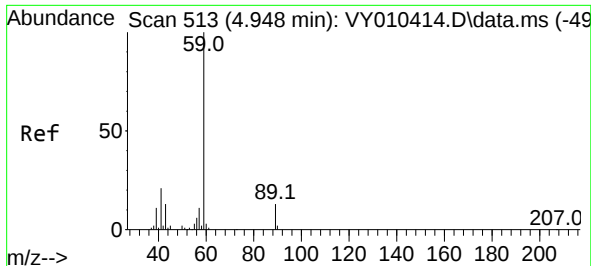
Tgt Ion:168 Resp: 238041
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

Tgt Ion: 85 Resp: 1974
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.929 min Scan# 513

Delta R.T. -0.019 min

Lab File: VY010441.D

Acq: 12 Sep 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

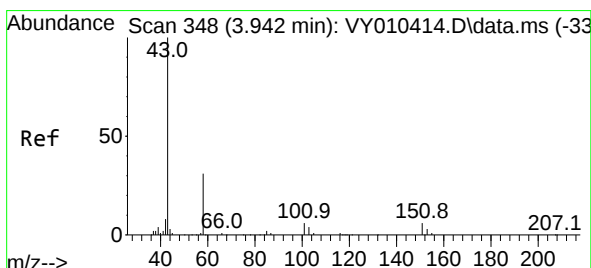
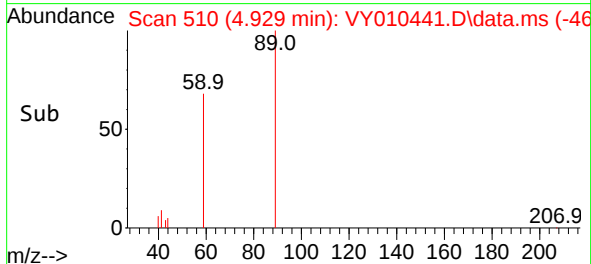
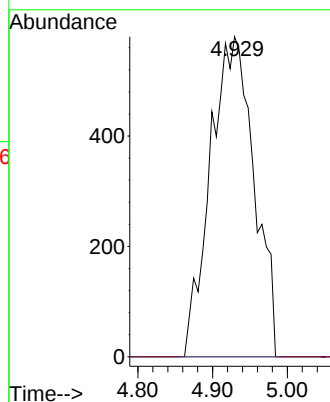
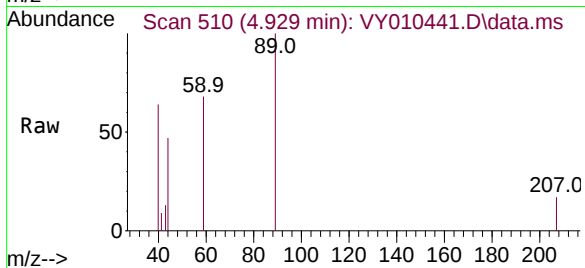
VY0912SBL01

Tgt Ion: 59 Resp: 2366

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.535 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010441.D

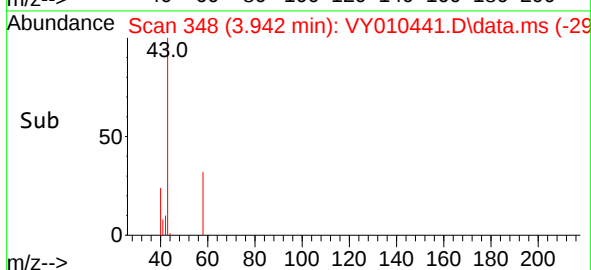
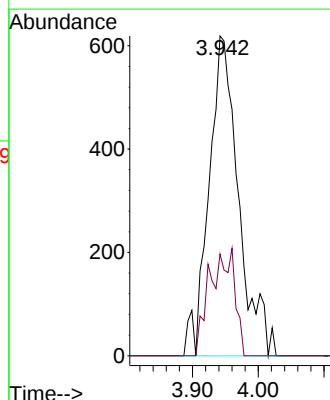
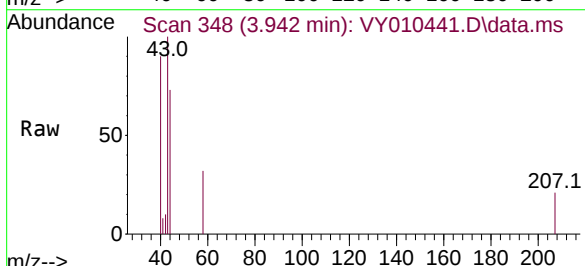
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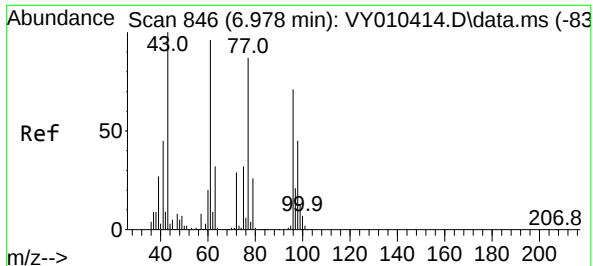
Tgt Ion: 43 Resp: 1945

Ion Ratio Lower Upper

43 100

58 31.8 22.0 33.0





#25

2-Butanone

Concen: 3.803 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010441.D

Acq: 12 Sep 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

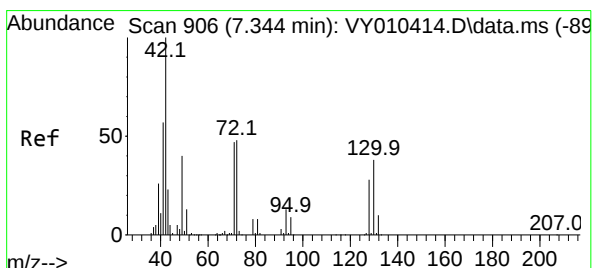
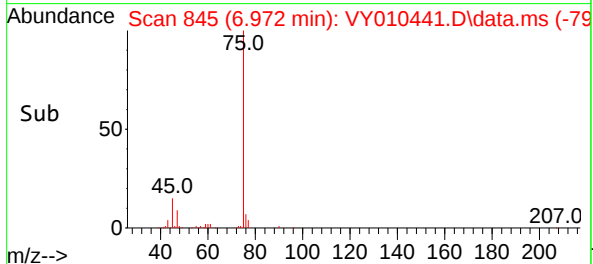
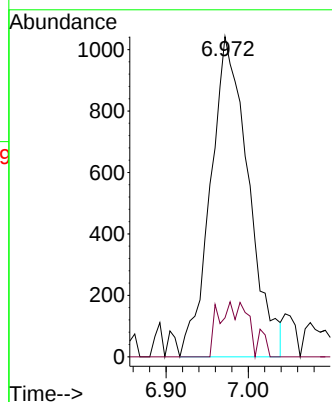
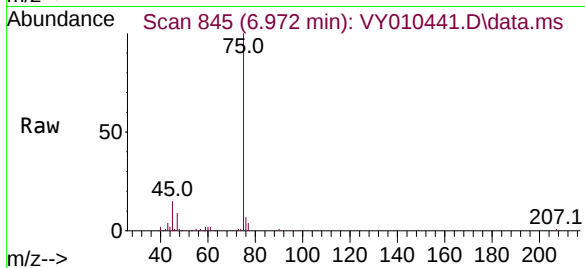
VY0912SBL01

Tgt Ion: 43 Resp: 3325

Ion Ratio Lower Upper

43 100

72 12.2 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.055 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY010441.D

Acq: 12 Sep 2022 12:43

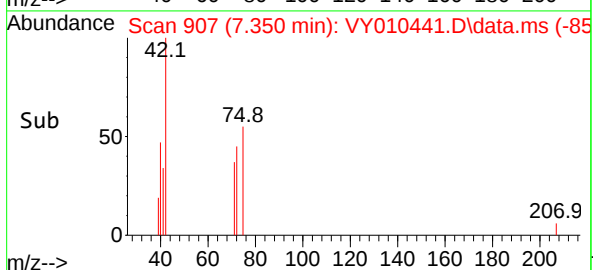
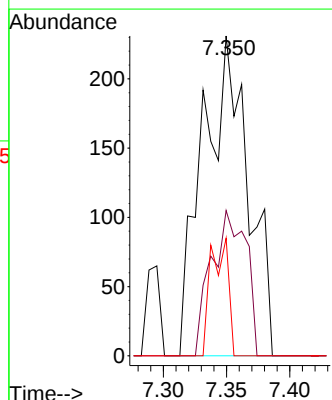
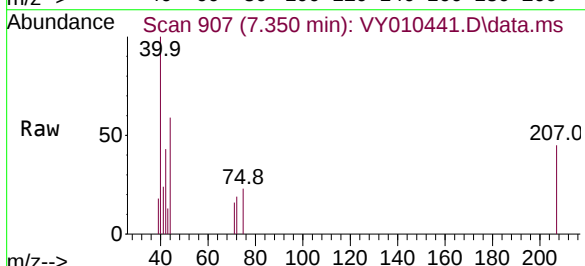
Tgt Ion: 42 Resp: 576

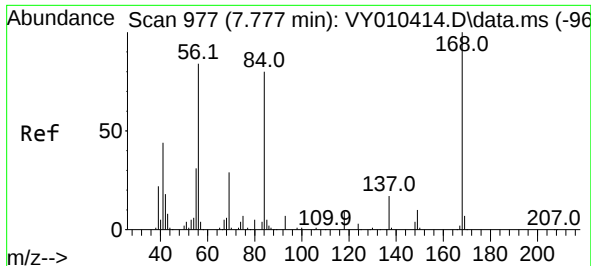
Ion Ratio Lower Upper

42 100

72 34.7 30.3 45.5

71 14.2 29.0 43.4#

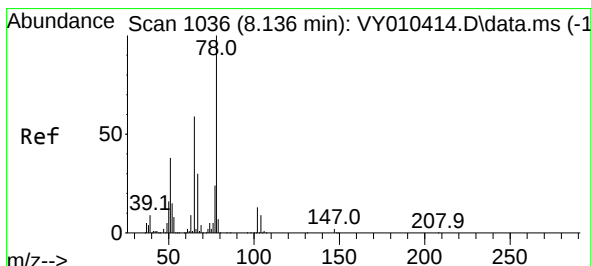
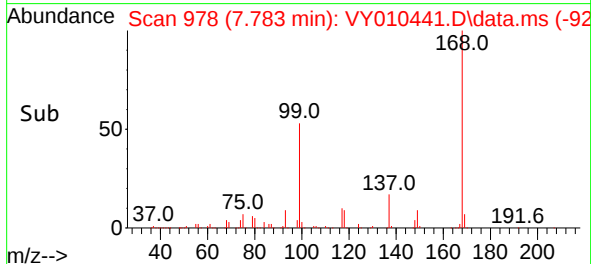
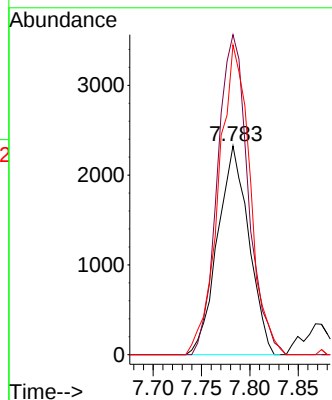
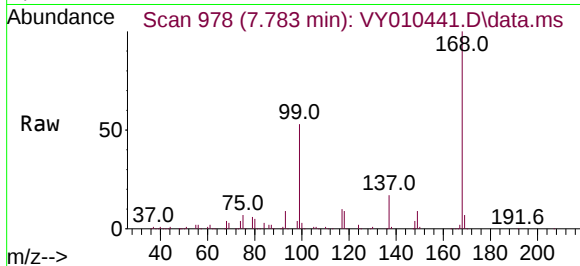




#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

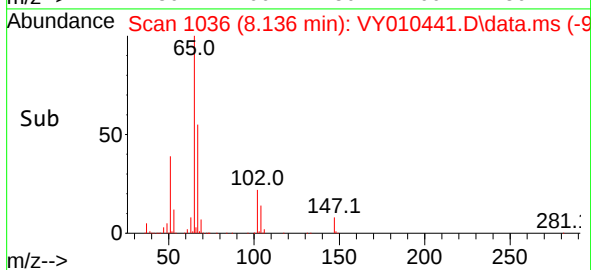
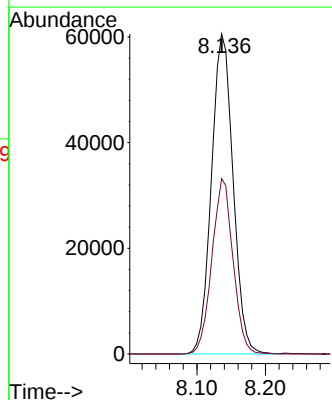
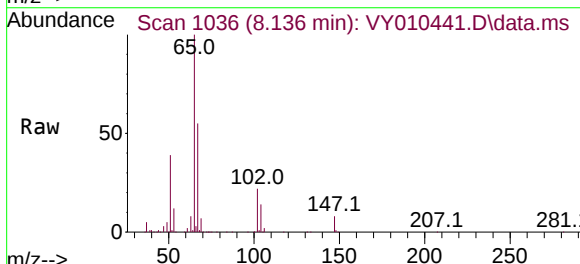
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

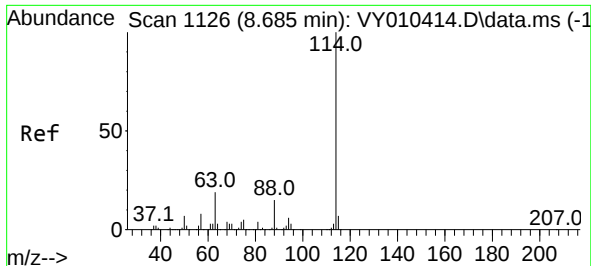
Tgt Ion: 56 Resp: 5219
Ion Ratio Lower Upper
56 100
69 153.3 26.7 40.1#
84 148.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.353 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

Tgt Ion: 65 Resp: 132707
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# 1126

Delta R.T. -0.000 min

Lab File: VY010441.D

Acq: 12 Sep 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBL01

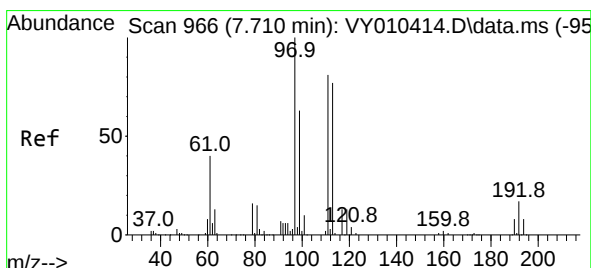
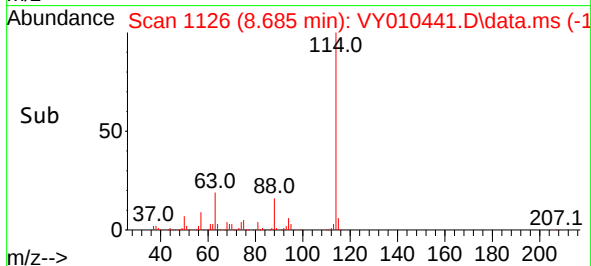
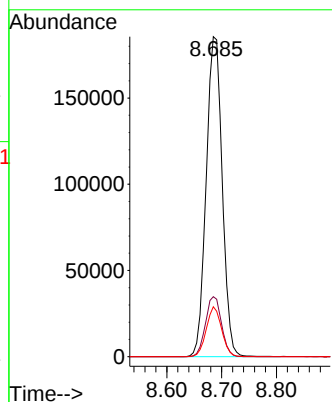
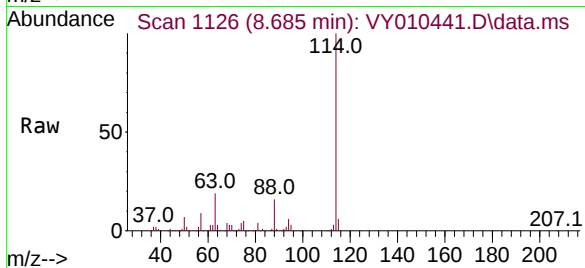
Tgt Ion:114 Resp: 376128

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.078 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010441.D

Acq: 12 Sep 2022 12:43

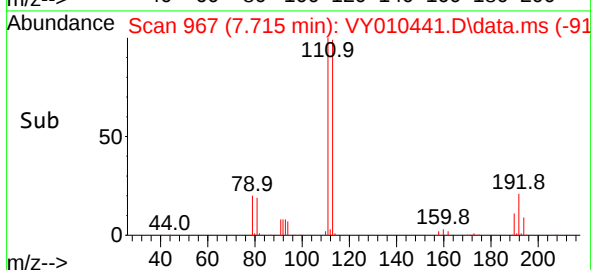
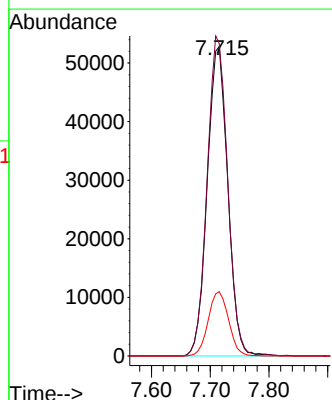
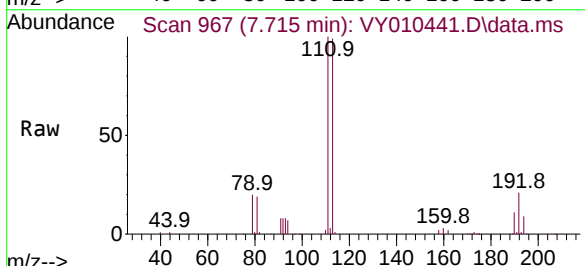
Tgt Ion:113 Resp: 128430

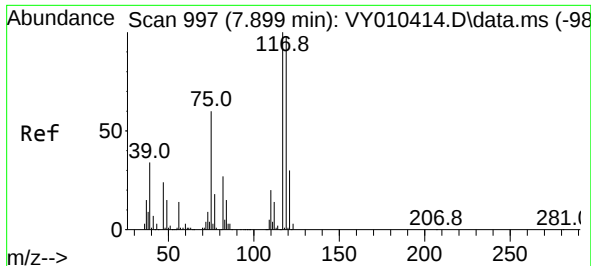
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 20.6 17.6 26.4

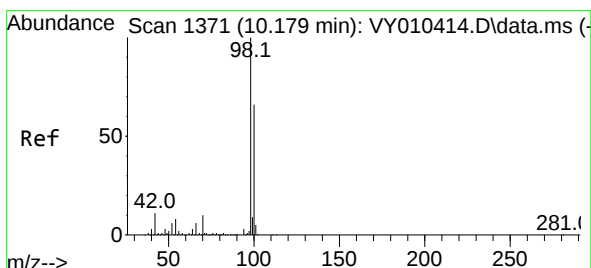
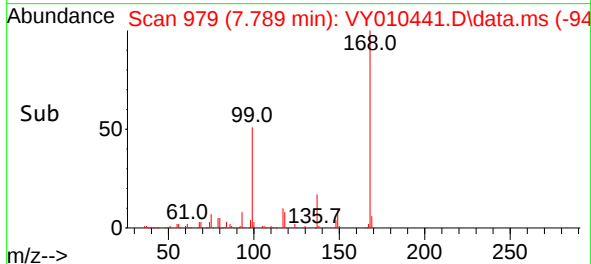
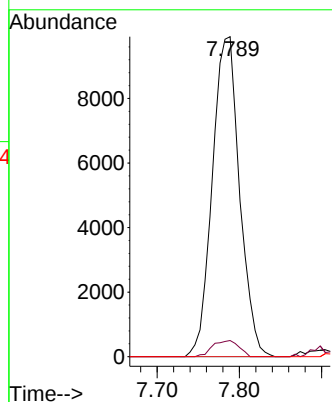
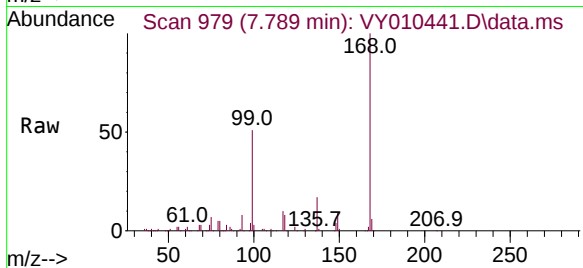




#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

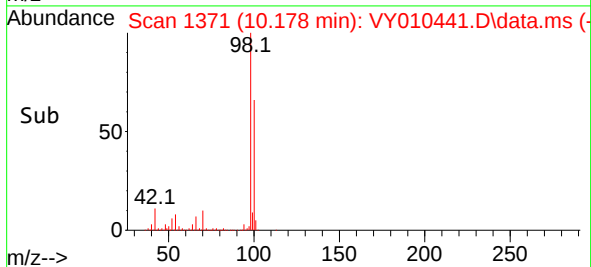
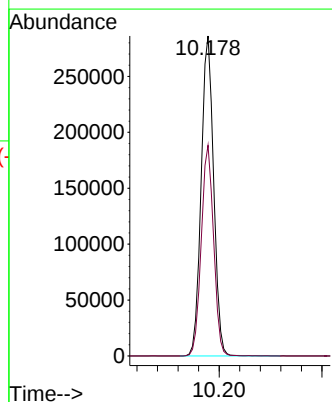
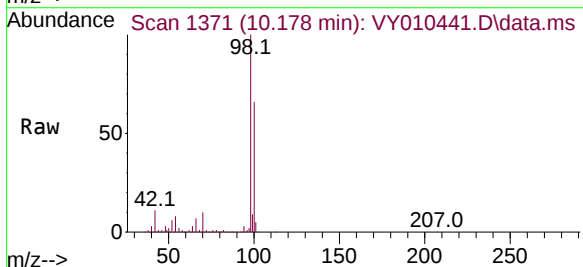
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

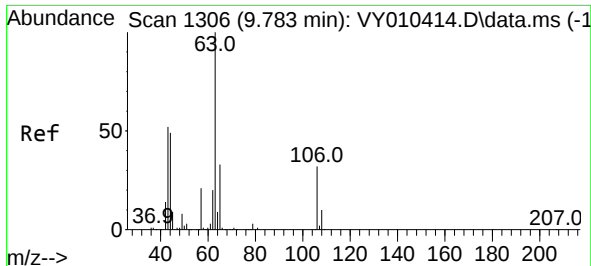
Tgt Ion:117 Resp: 22835
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.555 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

Tgt Ion: 98 Resp: 480969
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

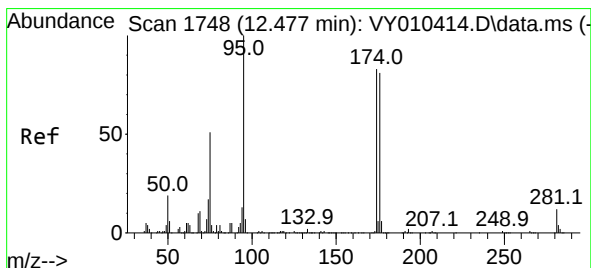
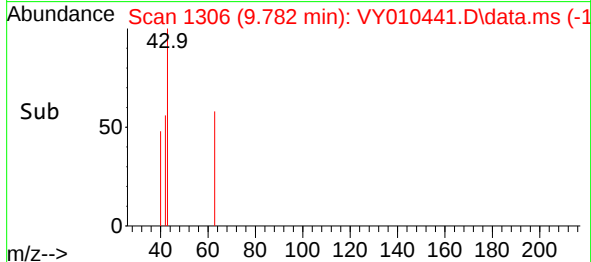
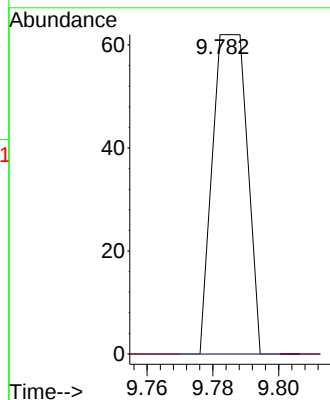
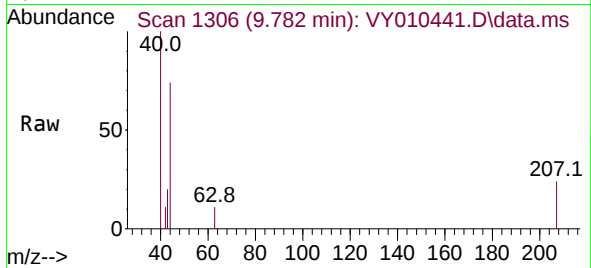




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.782 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

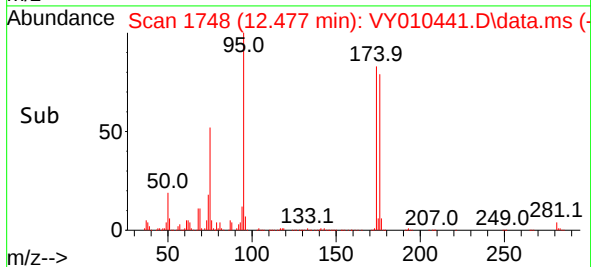
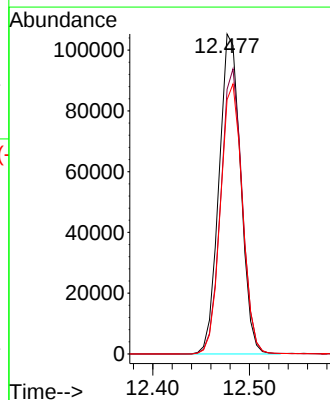
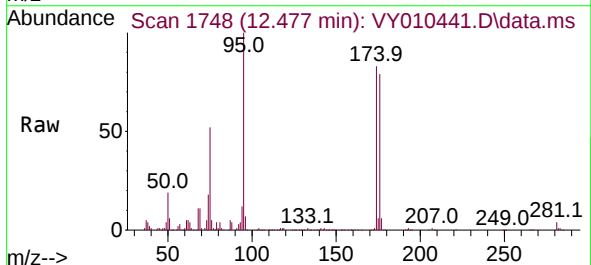
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

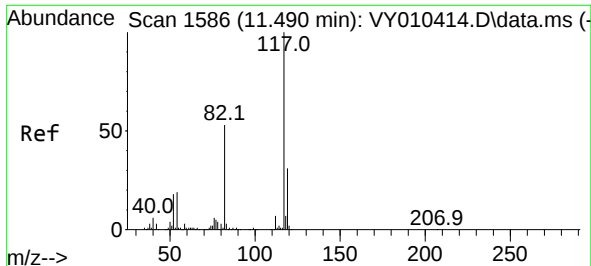
Tgt Ion: 63 Resp: 45
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 47.249 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

Tgt Ion: 95 Resp: 163303
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.4 0.0 175.8

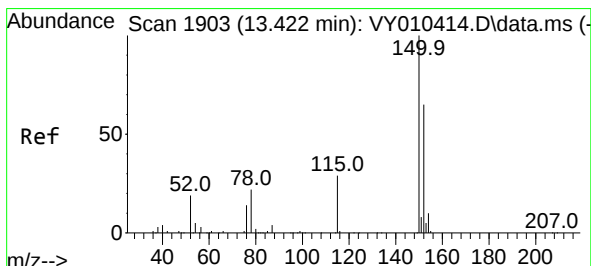
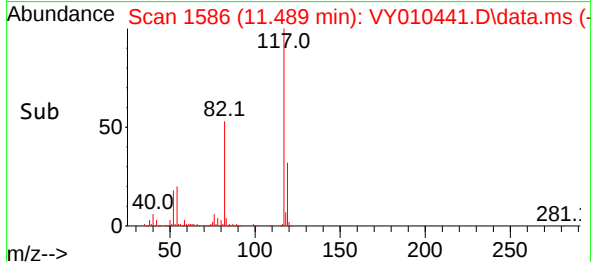
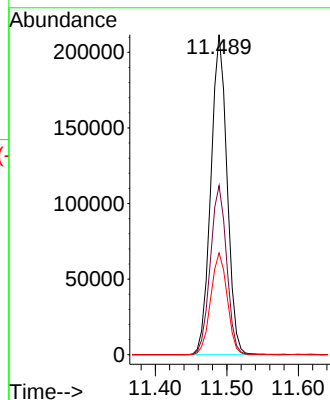
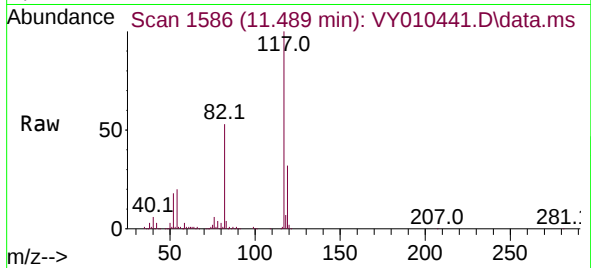




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

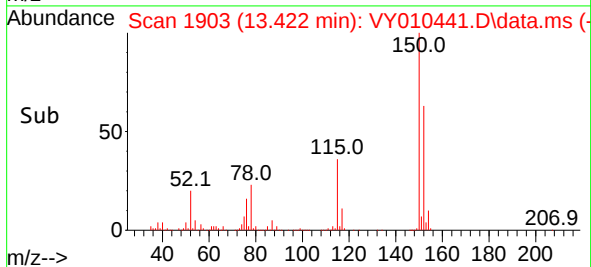
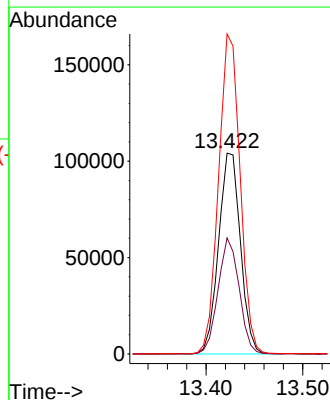
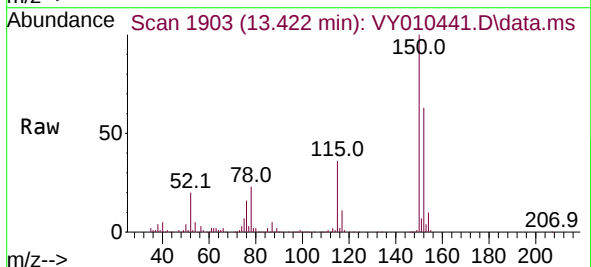
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

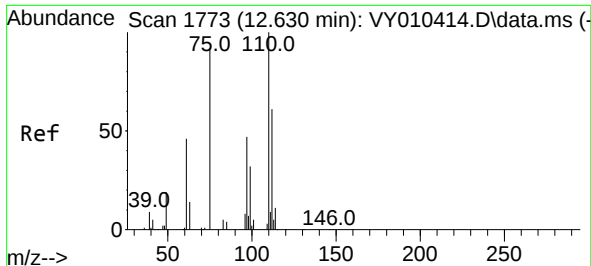
Tgt Ion:117 Resp: 332921
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

Tgt Ion:152 Resp: 163578
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.6 0.0 347.6

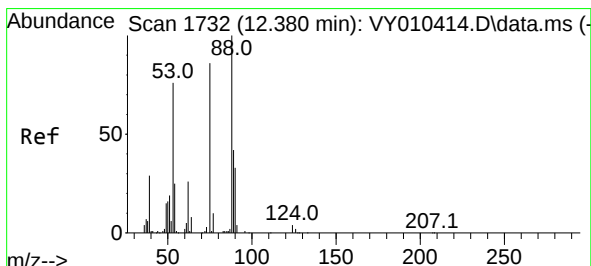
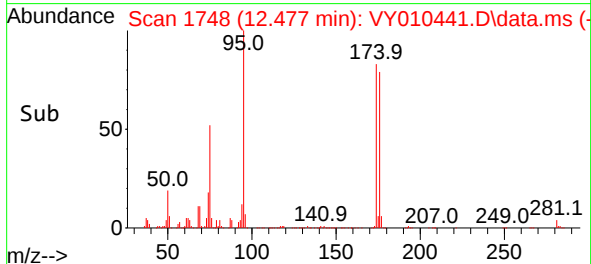
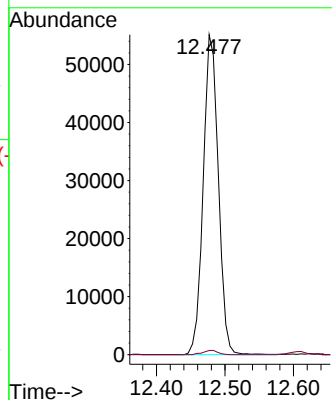
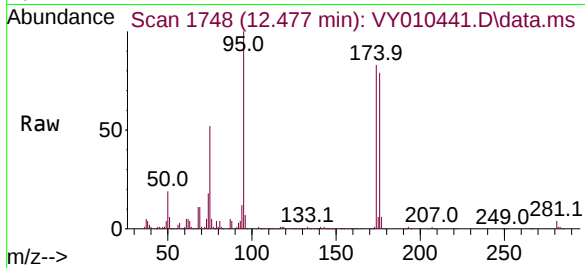




#76
1,2,3-Trichloropropane
Concen: 46.934 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

Tgt Ion: 75 Resp: 84732
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.210 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010441.D
Acq: 12 Sep 2022 12:43

Tgt Ion: 75 Resp: 84732
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

