

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011226.D
 Acq On : 01 Nov 2022 16:50
 Operator : KP/MD
 Sample : N5374-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-102822

Quant Time: Nov 02 01:43:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

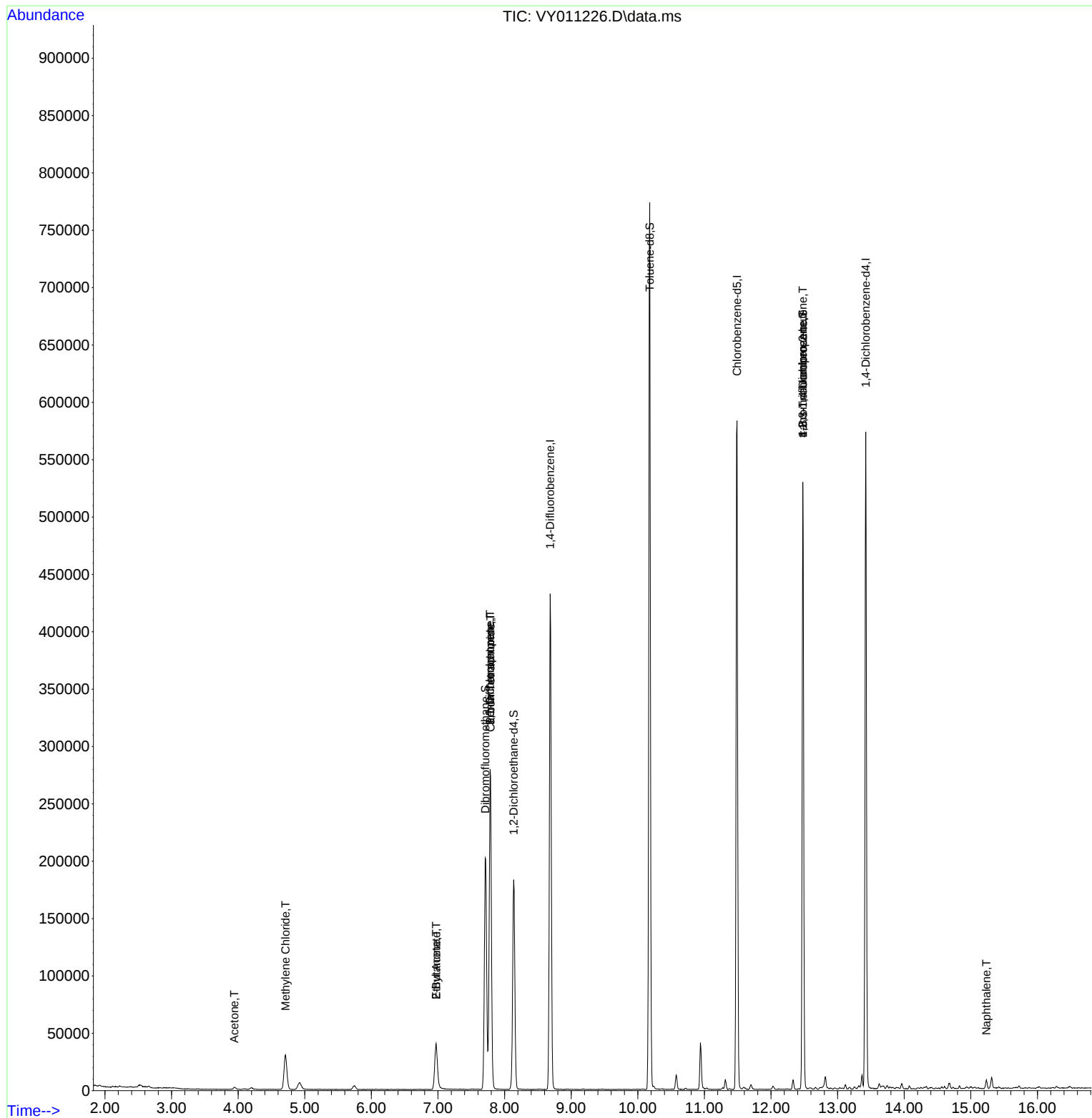
Internal Standards						
1) Pentafluorobenzene	7.783	168	219455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140082	59.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.360%	
35) Dibromofluoromethane	7.710	113	148398	61.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.600%	
50) Toluene-d8	10.179	98	510632	54.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.660%	
62) 4-Bromofluorobenzene	12.477	95	165162	50.619	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	103	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	6541	Below Cal	#	78
16) Acetone	3.942	43	3346	4.723	ug/l #	88
20) Methylene Chloride	4.710	84	23806	3.544	ug/l #	84
25) 2-Butanone	6.972	43	2284	2.291	ug/l	98
36) 1,1-Dichloropropene	7.783	75	16673	4.218	ug/l #	50
37) Ethyl Acetate	6.972	43	2284	1.072	ug/l #	1
38) Carbon Tetrachloride	7.789	117	21635	5.275	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	81096	45.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	81096	97.301	ug/l #	7
95) Naphthalene	15.233	128	6230	4.848	ug/l	98

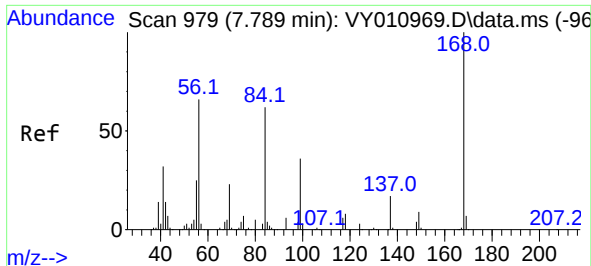
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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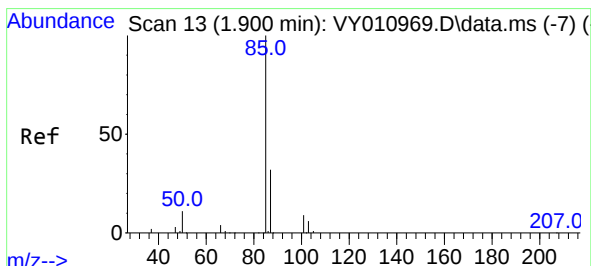
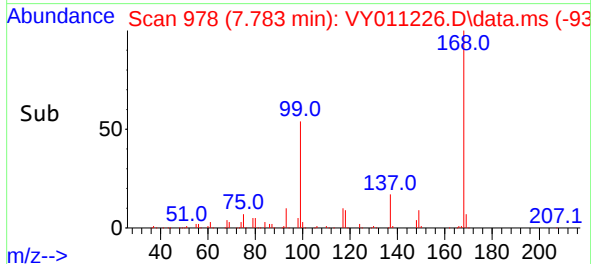
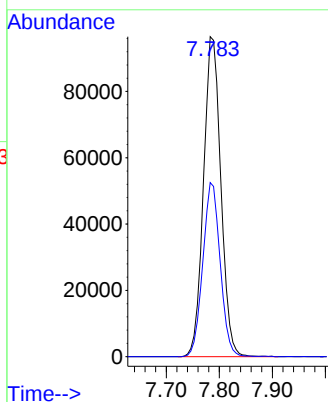
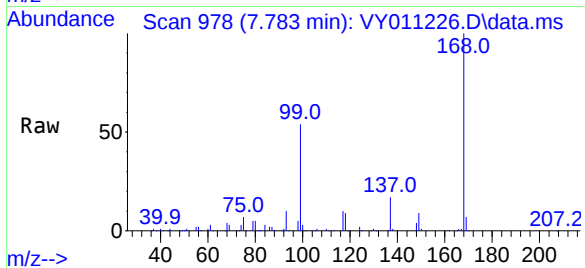




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

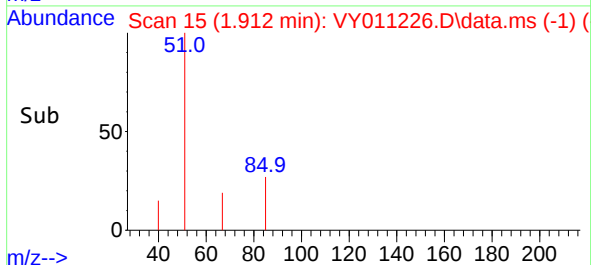
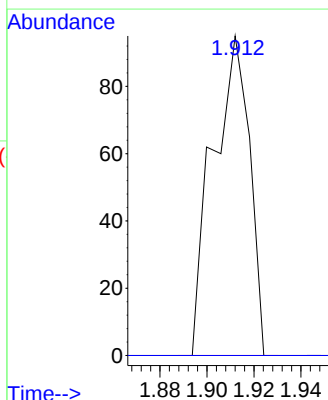
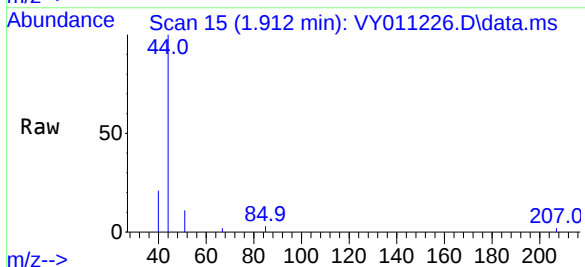
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-102822

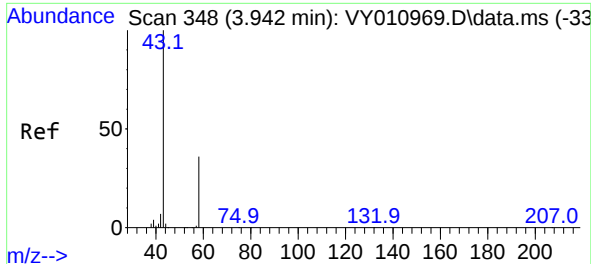
Tgt Ion:168 Resp: 219455
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion: 85 Resp: 103
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 4.723 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY011226.D

Acq: 01 Nov 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

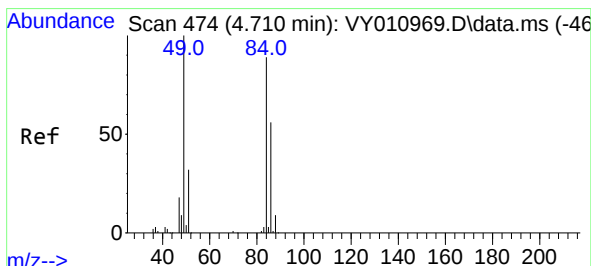
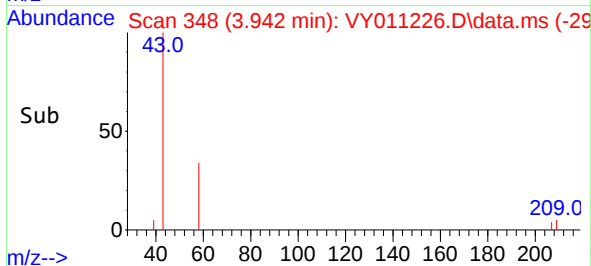
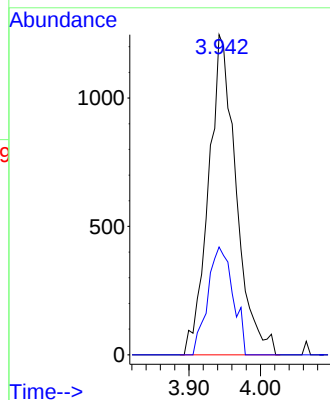
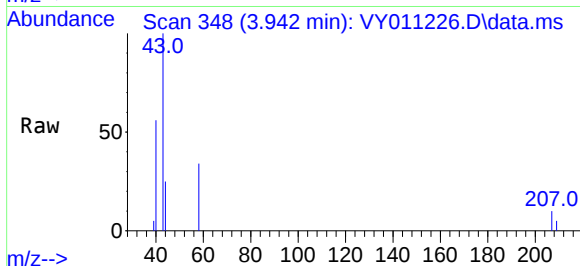
OK-2-102822

Tgt Ion: 43 Resp: 3346

Ion Ratio Lower Upper

43 100

58 33.7 22.0 33.0#



#20

Methylene Chloride

Concen: 3.544 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011226.D

Acq: 01 Nov 2022 16:50

Tgt Ion: 84 Resp: 23806

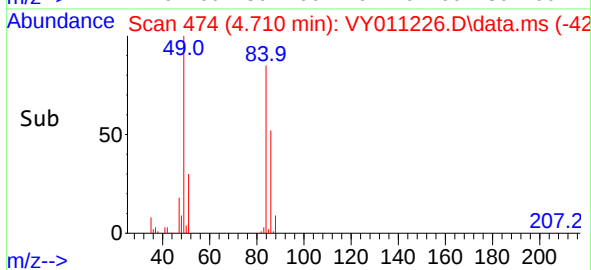
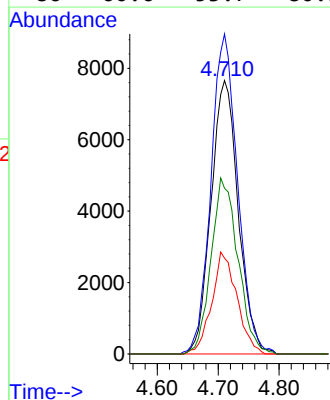
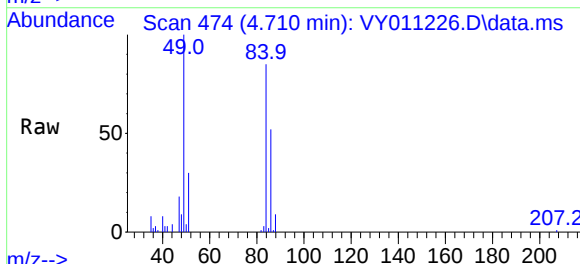
Ion Ratio Lower Upper

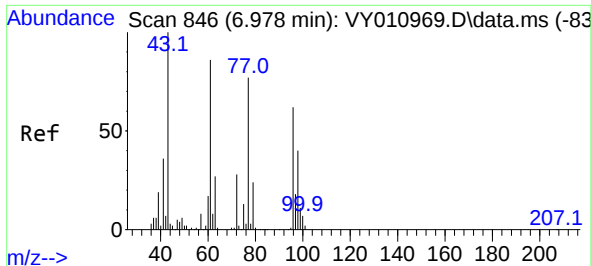
84 100

49 117.1 114.4 171.6

51 35.1 35.3 52.9#

86 60.6 53.7 80.5

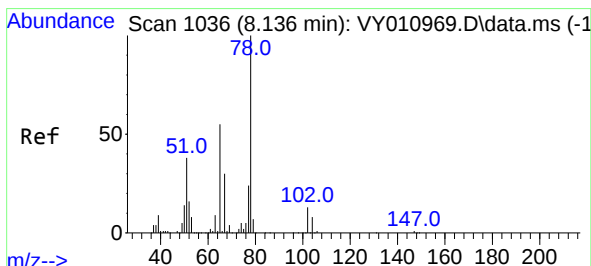
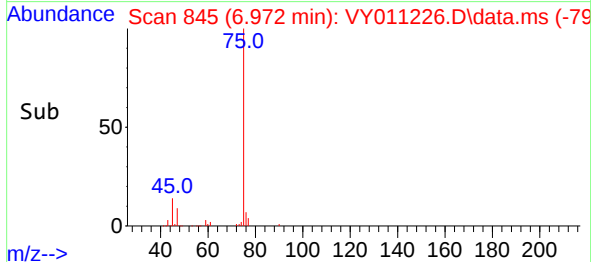
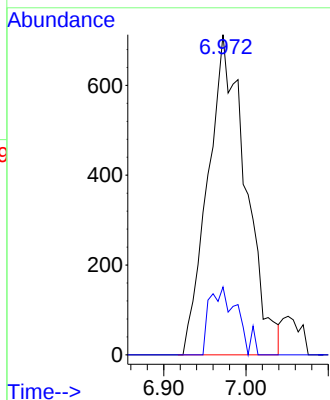
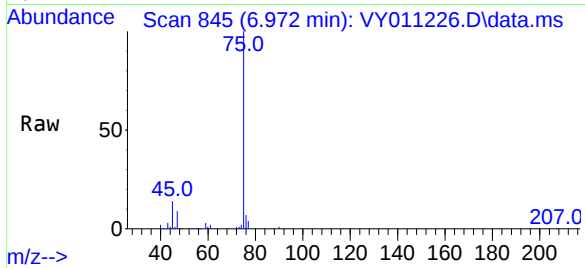




#25
2-Butanone
Concen: 2.291 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

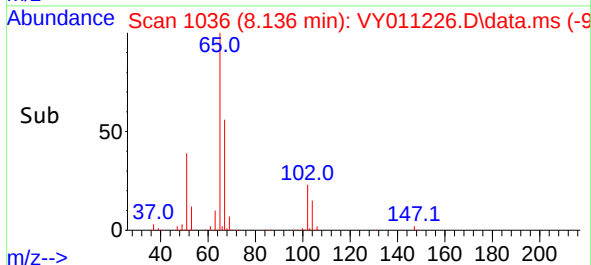
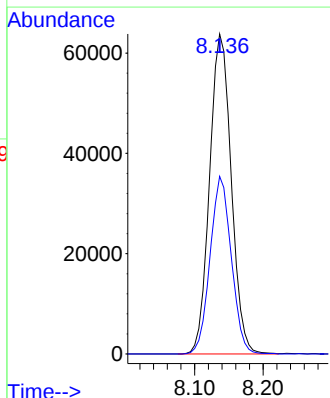
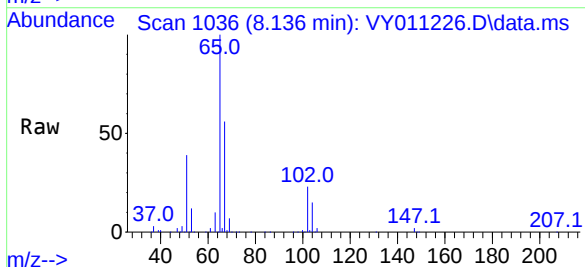
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-102822

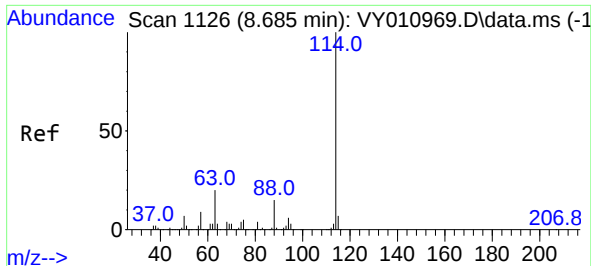
Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
72 21.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 59.684 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion: 65 Resp: 140082
Ion Ratio Lower Upper
65 100
67 54.3 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: VY011226.D

Acq: 01 Nov 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-102822

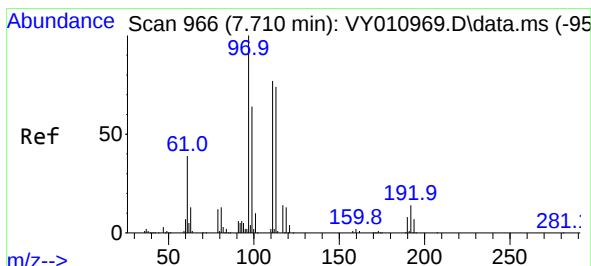
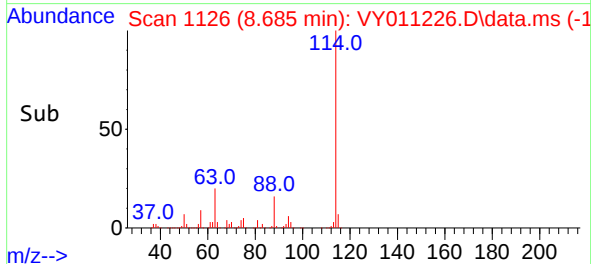
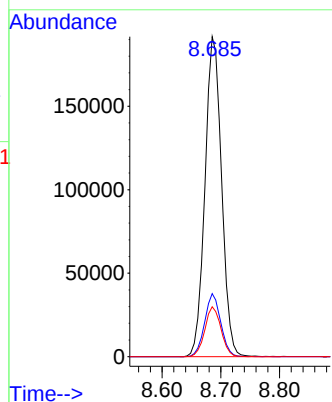
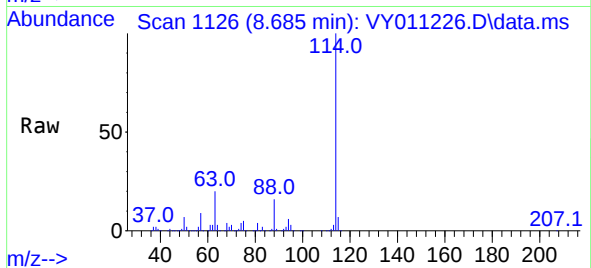
Tgt Ion:114 Resp: 376766

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.304 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011226.D

Acq: 01 Nov 2022 16:50

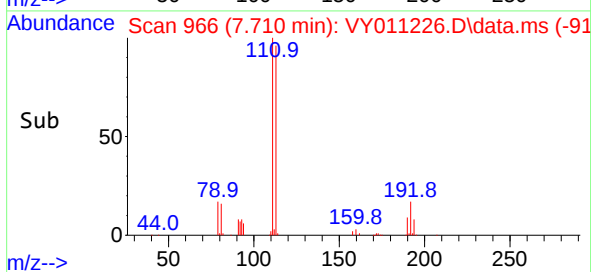
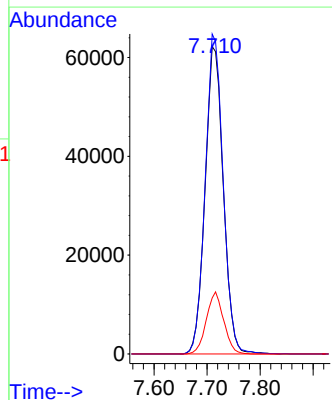
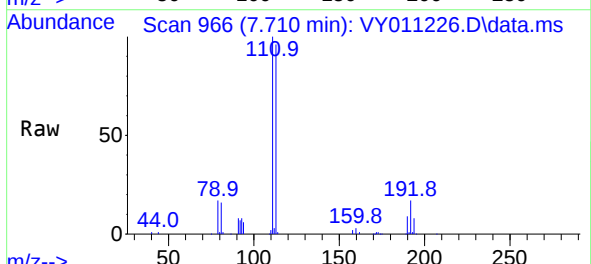
Tgt Ion:113 Resp: 148398

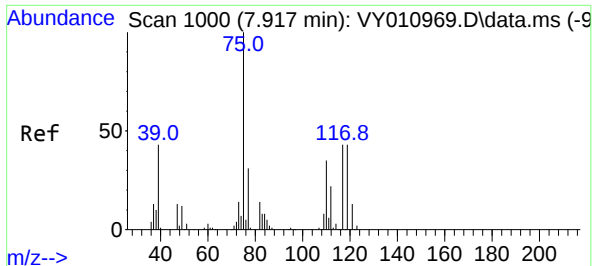
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 19.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.218 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011226.D

Acq: 01 Nov 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

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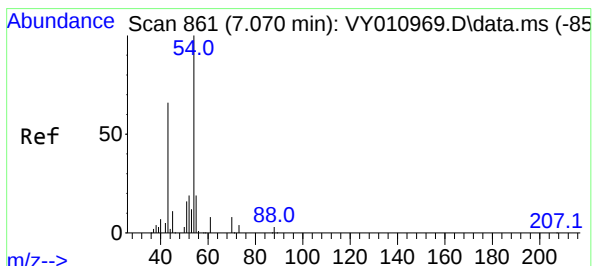
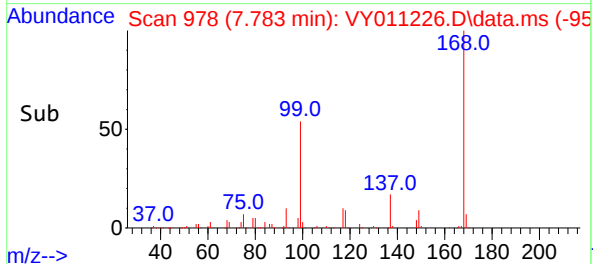
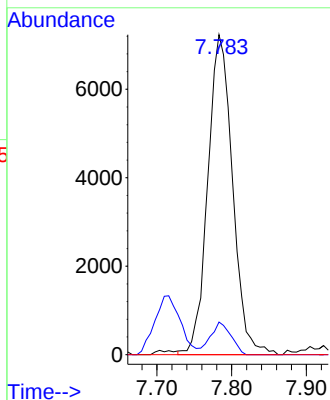
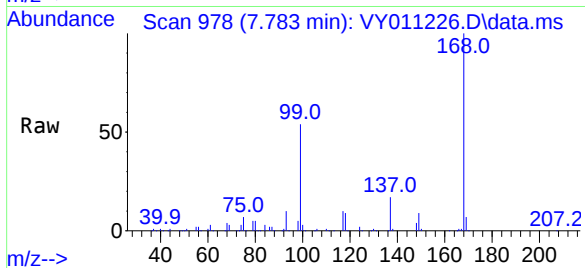
Tgt Ion: 75 Resp: 16673

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.072 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.098 min

Lab File: VY011226.D

Acq: 01 Nov 2022 16:50

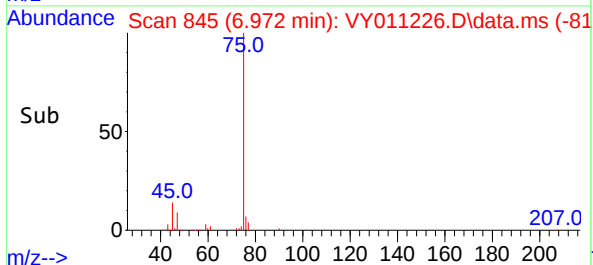
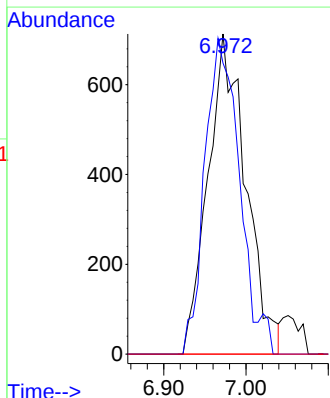
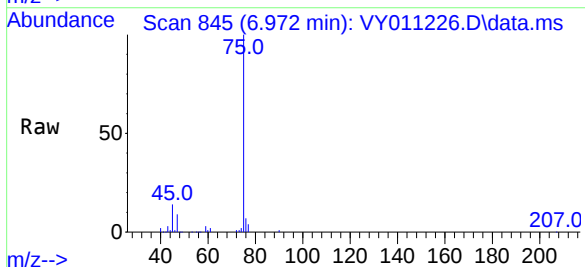
Tgt Ion: 43 Resp: 2284

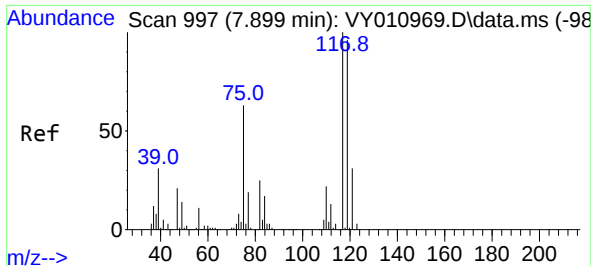
Ion Ratio Lower Upper

43 100

61 90.3 9.7 14.5#

70 0.0 7.1 10.7#

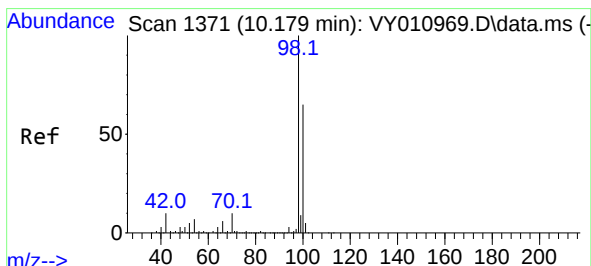
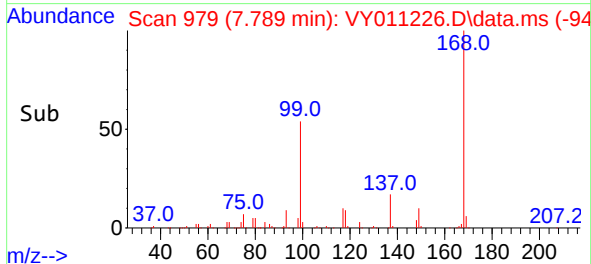
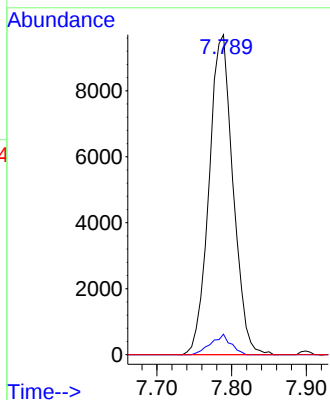
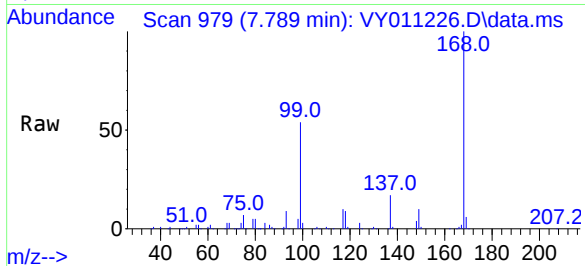




#38
Carbon Tetrachloride
Concen: 5.275 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

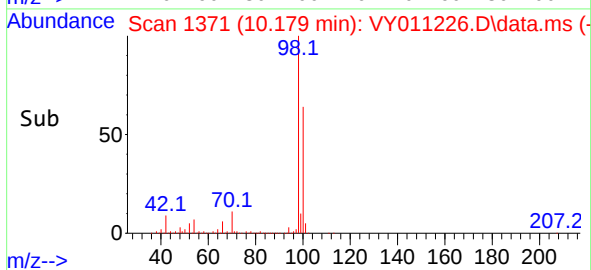
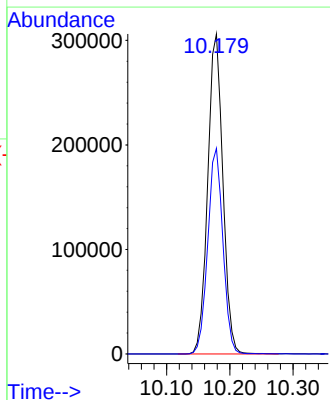
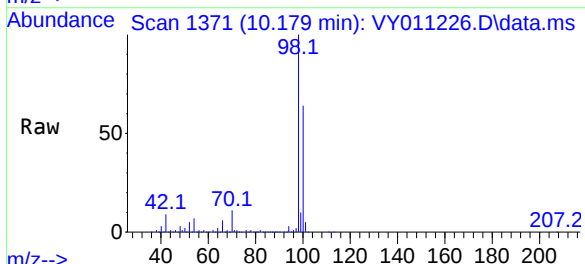
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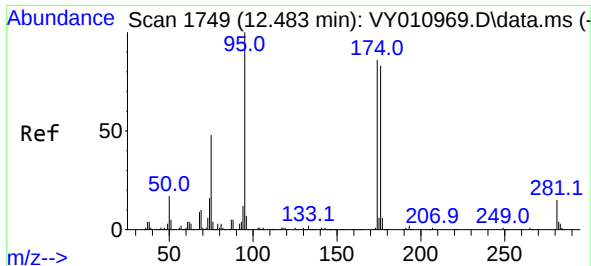
Tgt Ion:117 Resp: 21635
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.331 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion: 98 Resp: 510632
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

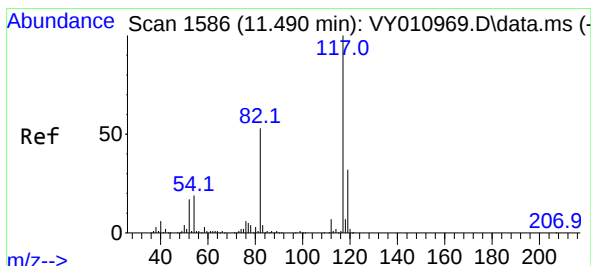
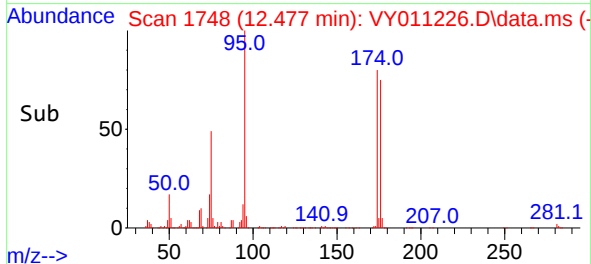
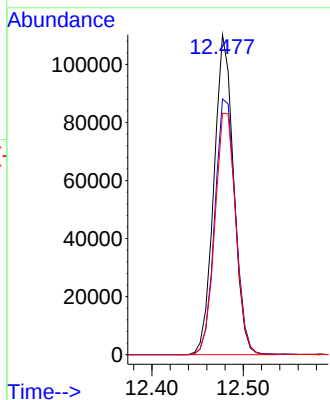
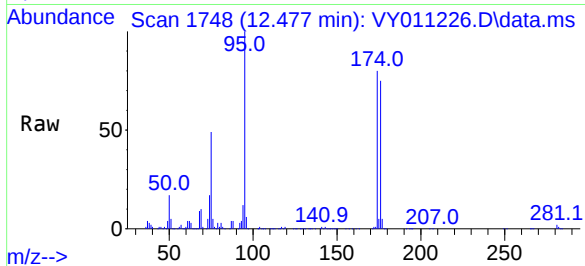




#62
4-Bromofluorobenzene
Concen: 50.619 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

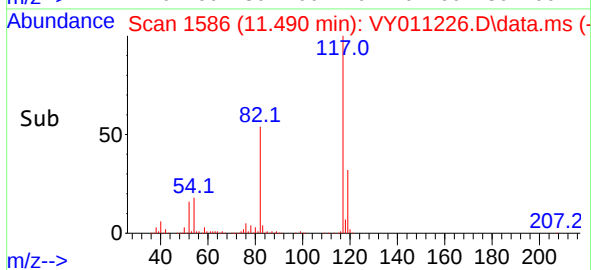
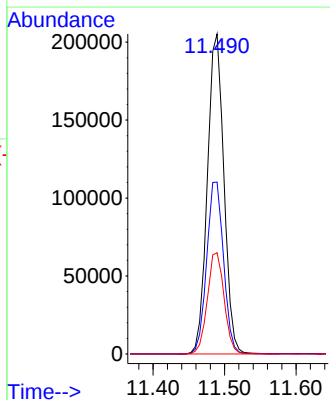
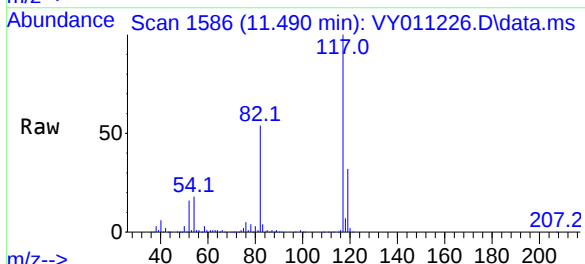
Instrument :
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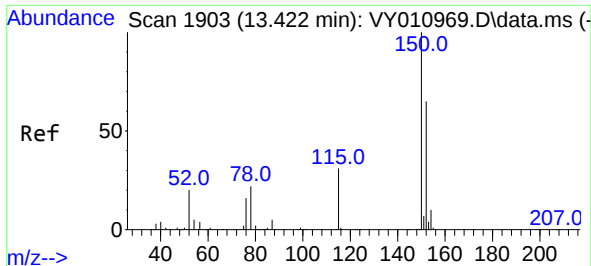
Tgt Ion: 95 Resp: 165162
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion: 117 Resp: 329666
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.7 25.4 38.0

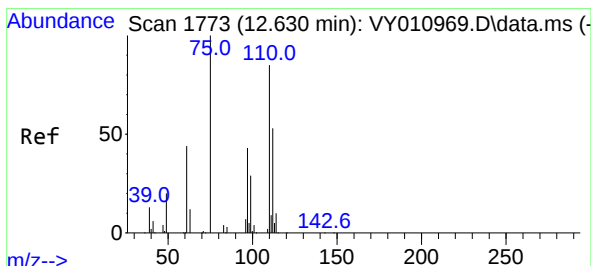
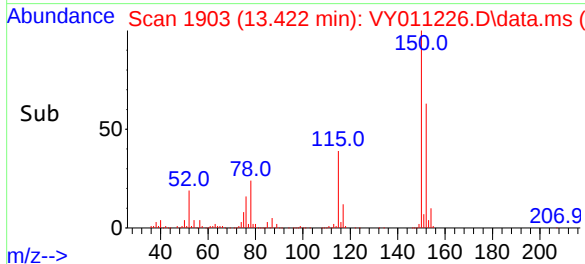
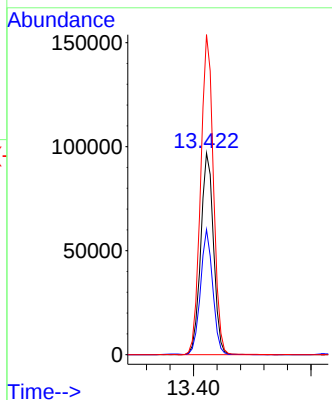
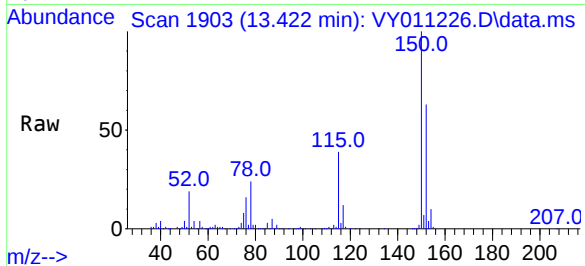




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

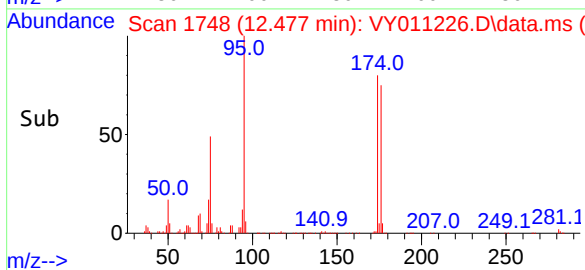
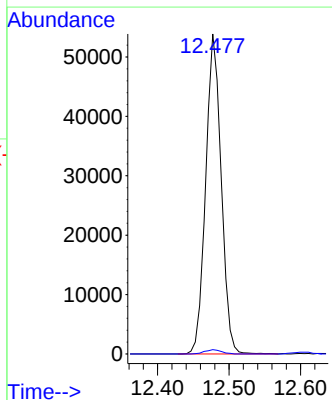
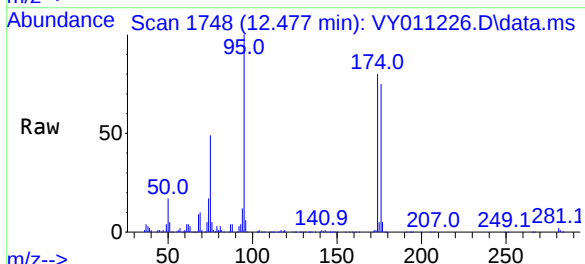
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-102822

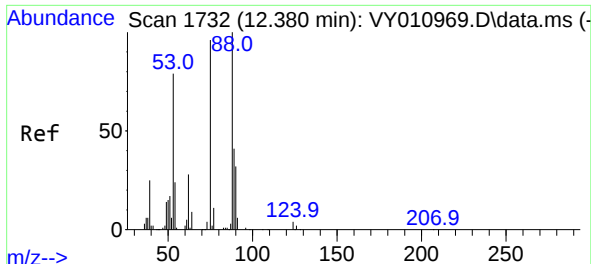
Tgt Ion:152 Resp: 146515
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 158.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.465 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion: 75 Resp: 81096
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

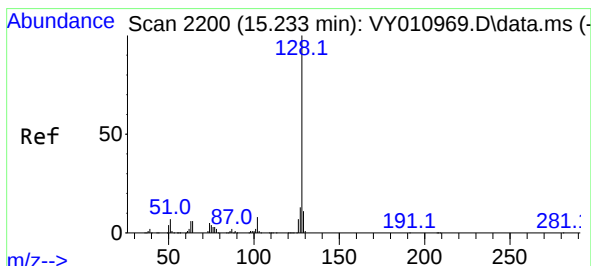
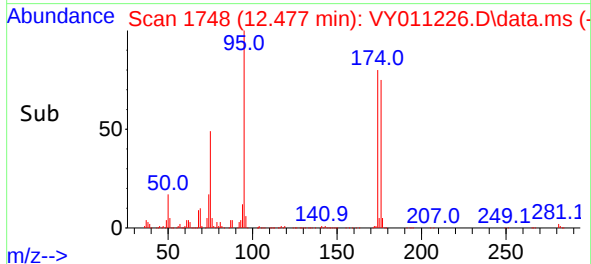
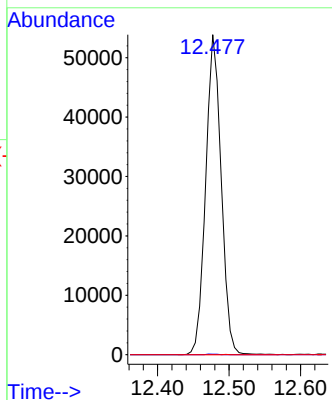
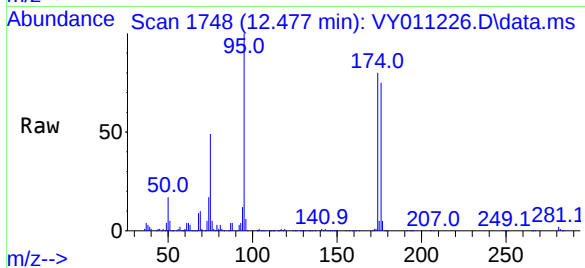




#81
trans-1,4-Dichloro-2-butene
Concen: 97.301 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
OK-2-102822

Tgt Ion: 75 Resp: 81096
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.848 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011226.D
Acq: 01 Nov 2022 16:50

Tgt Ion:128 Resp: 6230
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.8 8.4 12.6

