

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011520.D
 Acq On : 21 Nov 2022 13:42
 Operator : KP/MD
 Sample : N5678-13
 Misc : 7.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

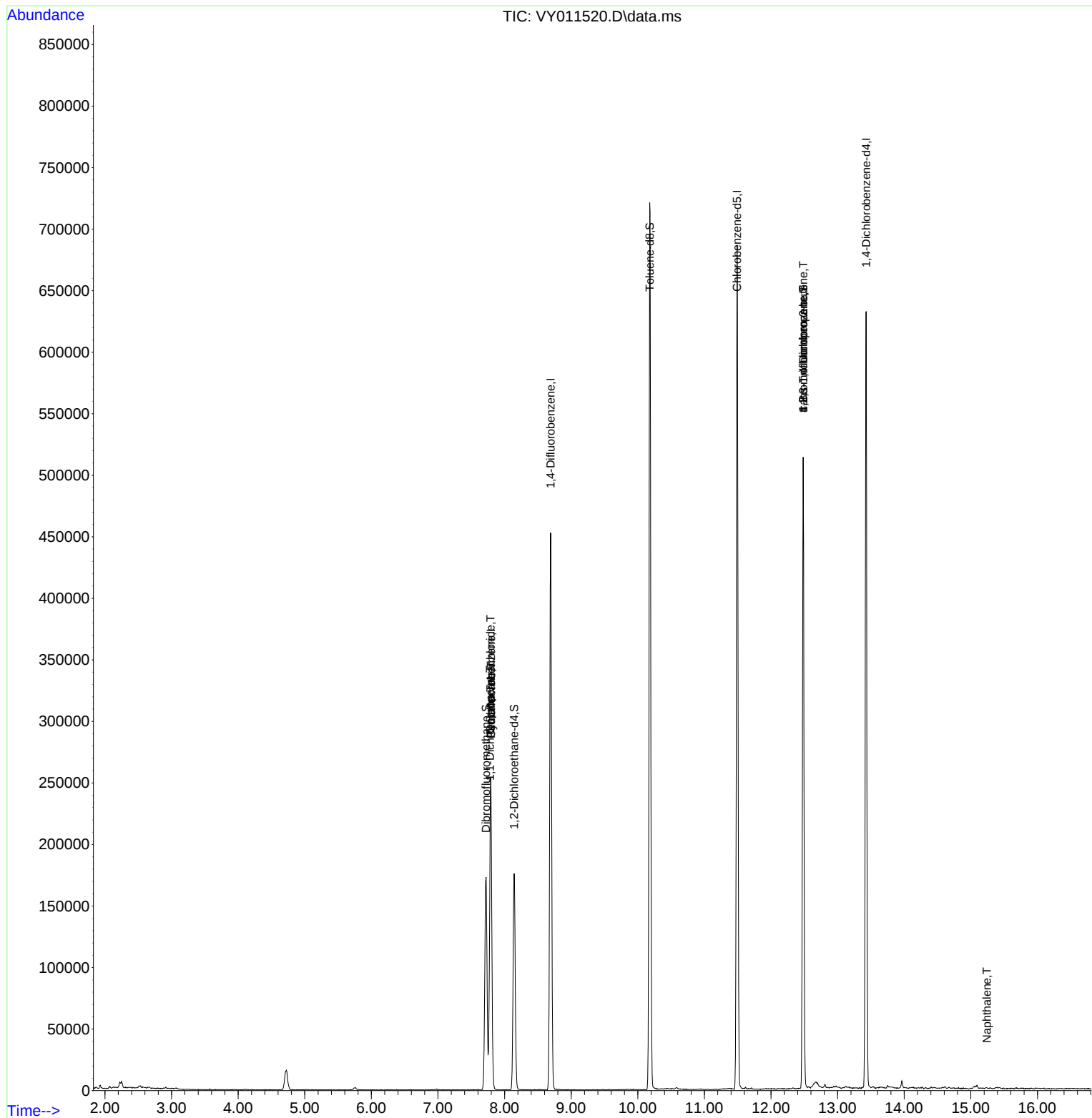
Internal Standards						
1) Pentafluorobenzene	7.795	168	193935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	136915	69.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.060%	
35) Dibromofluoromethane	7.722	113	121715	52.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.260%	
50) Toluene-d8	10.179	98	467784	55.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.320%	
62) 4-Bromofluorobenzene	12.483	95	153430	49.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	327	Below Cal		96
5) Bromomethane	2.662	94	317	Below Cal	#	68
11) Tert butyl alcohol	4.948	59	112	Below Cal	#	77
18) Methyl Acetate	4.478	43	69	Below Cal	#	56
20) Methylene Chloride	4.722	84	12213	Below Cal		87
31) Cyclohexane	7.795	56	4298	1.317	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15565	4.305	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19702	4.871	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	81774	47.477	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81774	103.990	ug/l #	7
95) Naphthalene	15.239	128	956	4.175	ug/l #	78

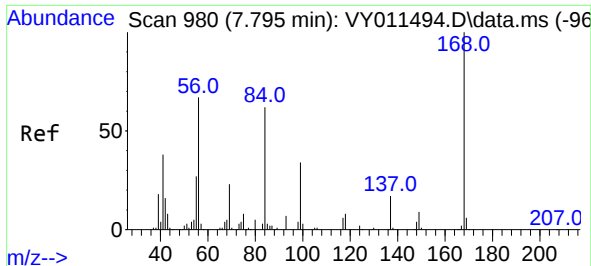
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
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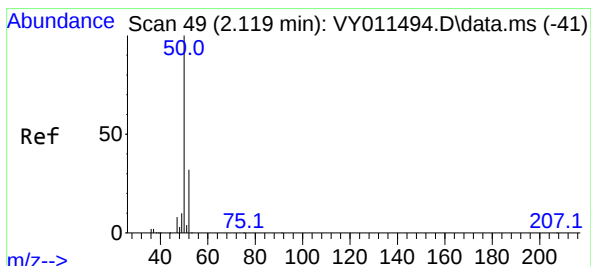
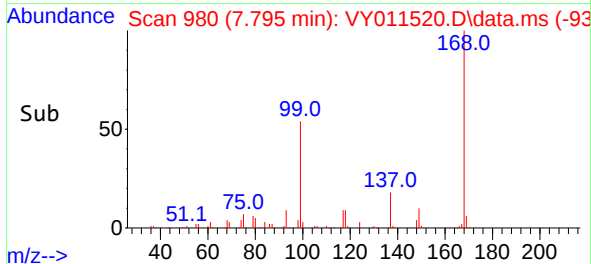
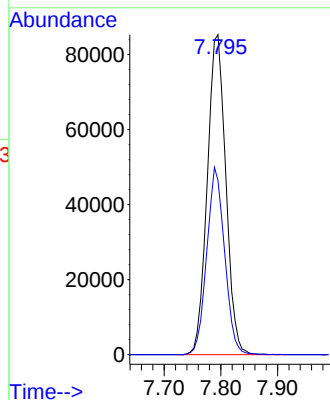
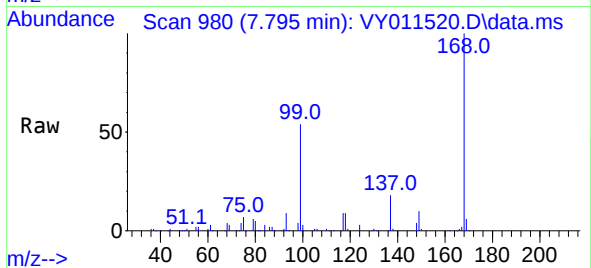




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

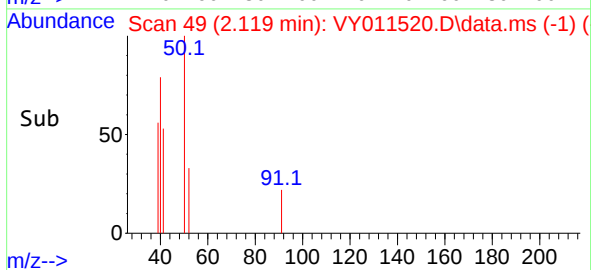
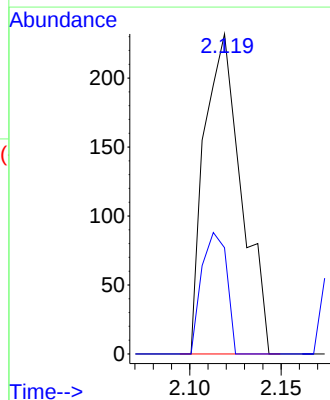
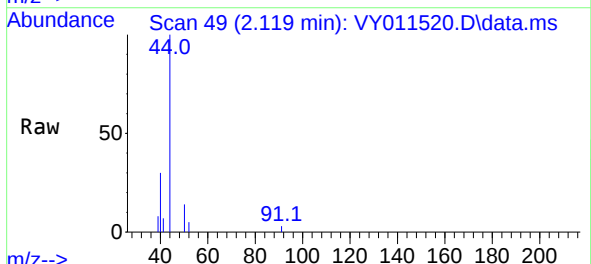
Instrument :
MSVOA_Y
ClientSampleId :

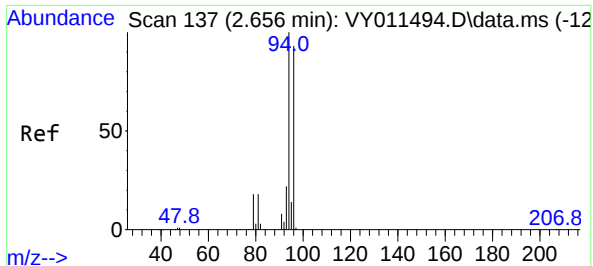
Tgt Ion:168 Resp: 193935
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 33.2 24.6 37.0

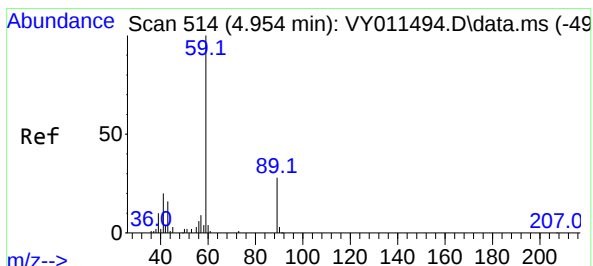
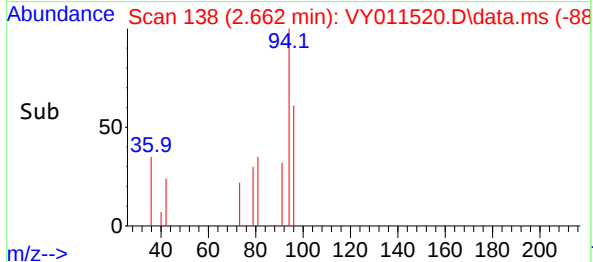
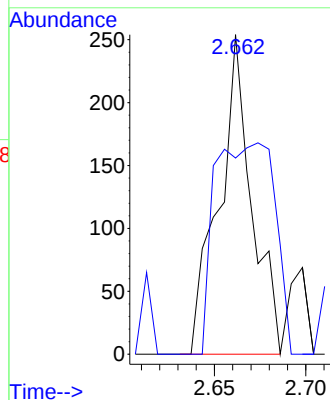
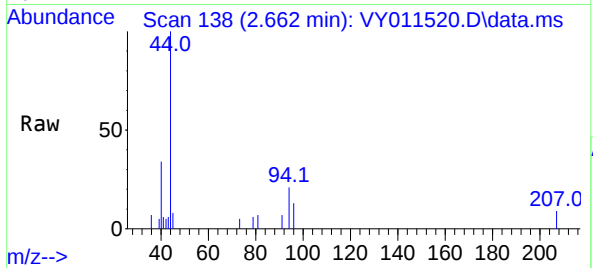




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

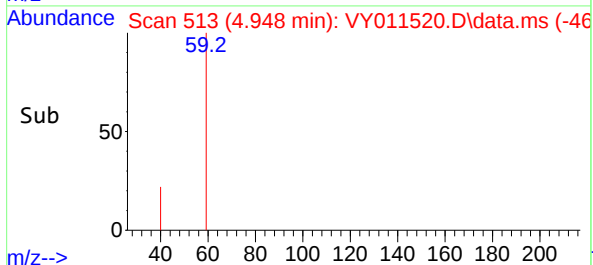
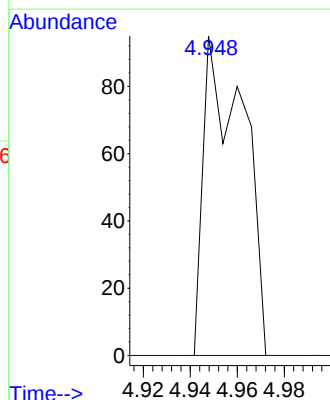
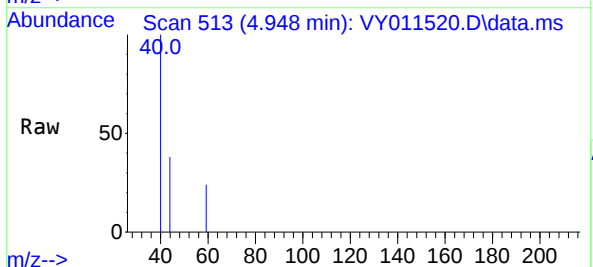
Instrument :
MSVOA_Y
ClientSampleId :

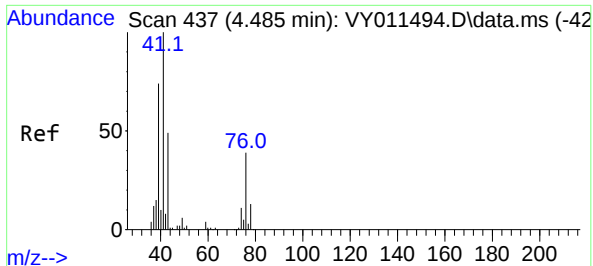
Tgt Ion: 94 Resp: 317
Ion Ratio Lower Upper
94 100
96 61.4 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY011520.D

Acq: 21 Nov 2022 13:42

Instrument :

MSVOA_Y

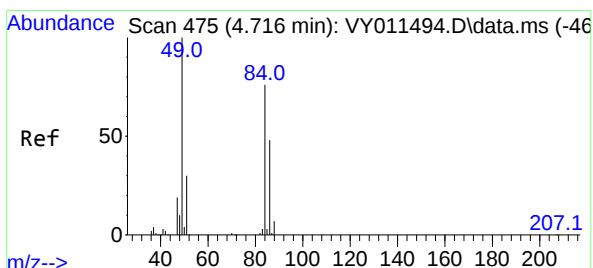
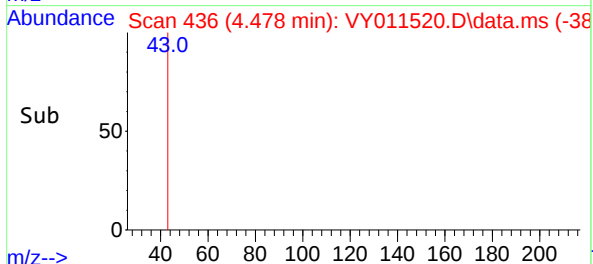
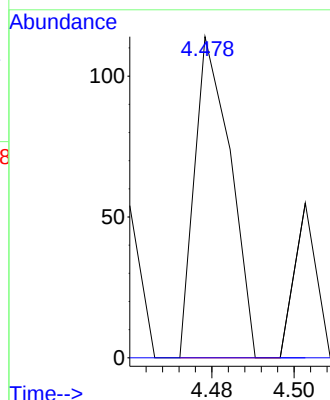
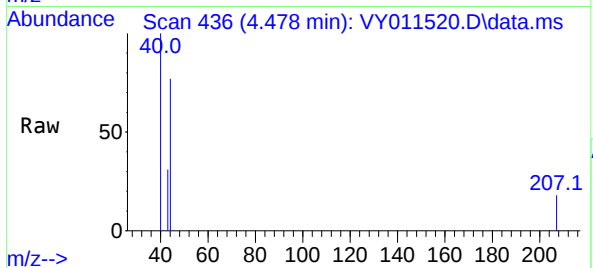
ClientSampleId :

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY011520.D

Acq: 21 Nov 2022 13:42

Tgt Ion: 84 Resp: 12213

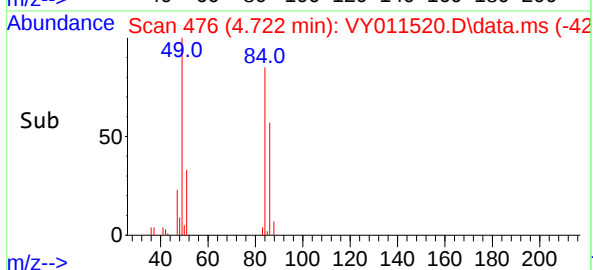
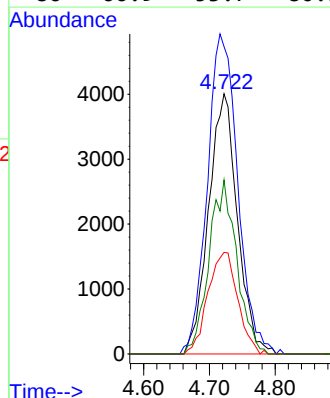
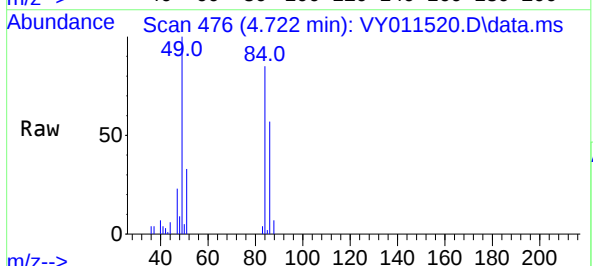
Ion Ratio Lower Upper

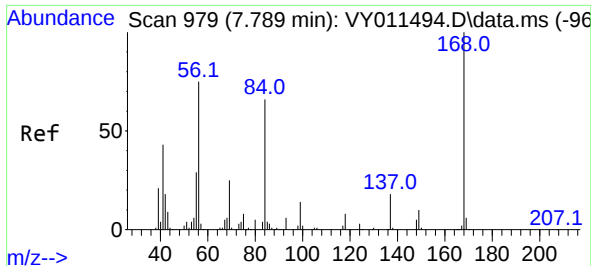
84 100

49 118.1 114.4 171.6

51 39.1 35.3 52.9

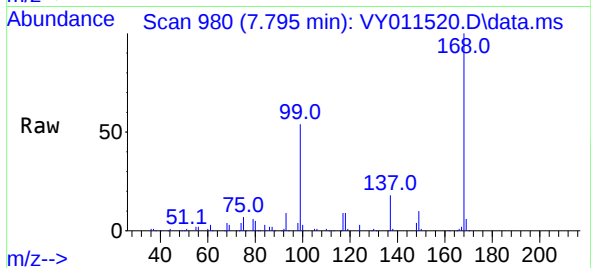
86 66.9 53.7 80.5



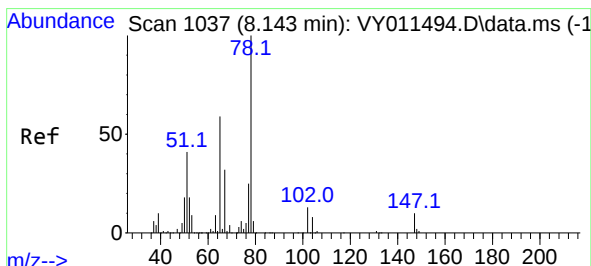
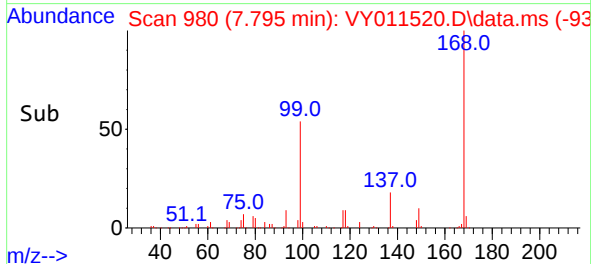
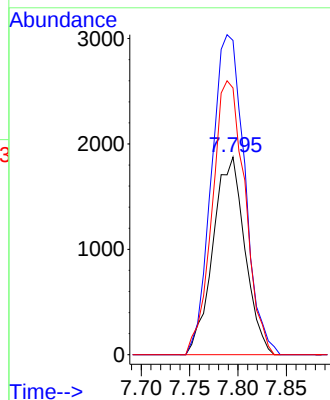


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :

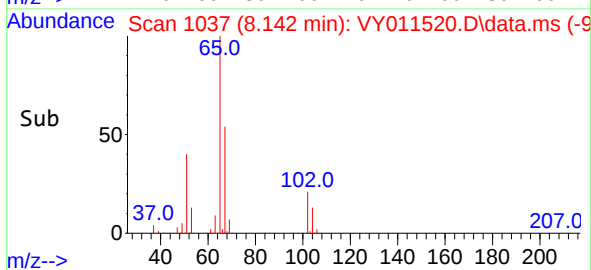
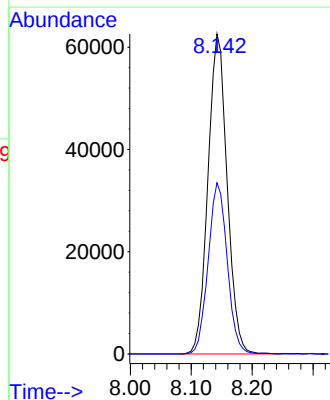
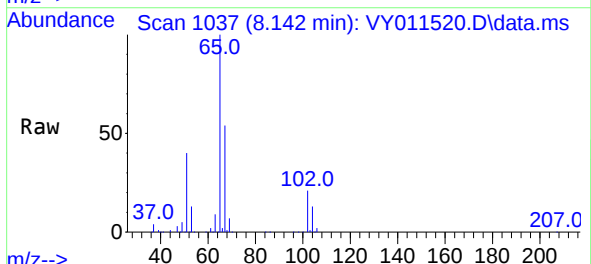


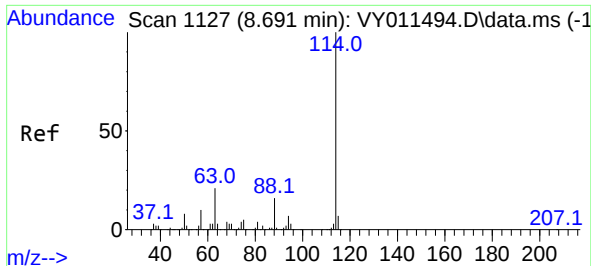
Tgt Ion: 56 Resp: 4298
Ion Ratio Lower Upper
56 100
69 159.0 26.7 40.1#
84 135.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.528 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

Tgt Ion: 65 Resp: 136915
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011520.D

Acq: 21 Nov 2022 13:42

Instrument :

MSVOA_Y

ClientSampleId :

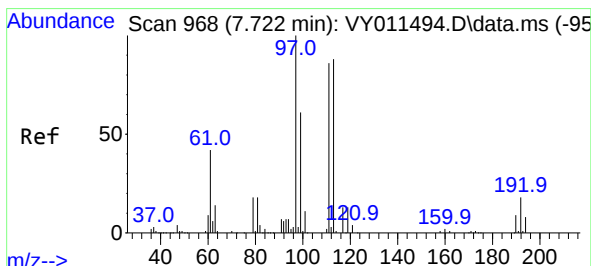
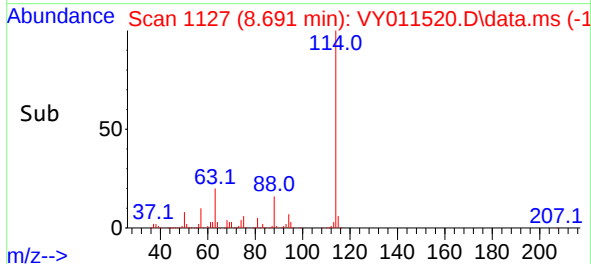
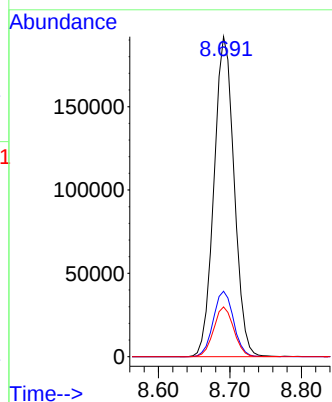
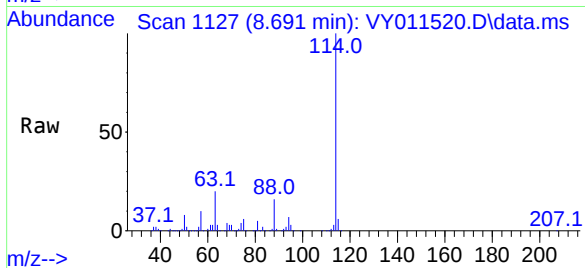
Tgt Ion:114 Resp: 375696

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.628 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011520.D

Acq: 21 Nov 2022 13:42

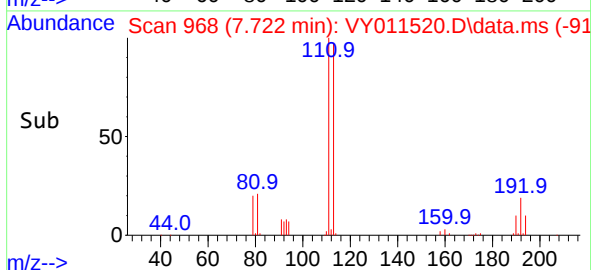
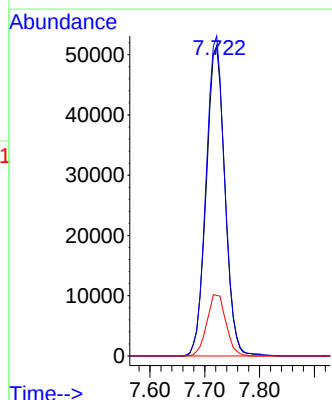
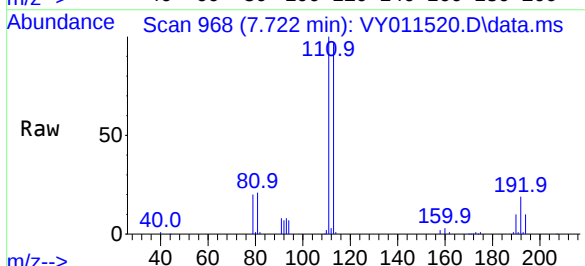
Tgt Ion:113 Resp: 121715

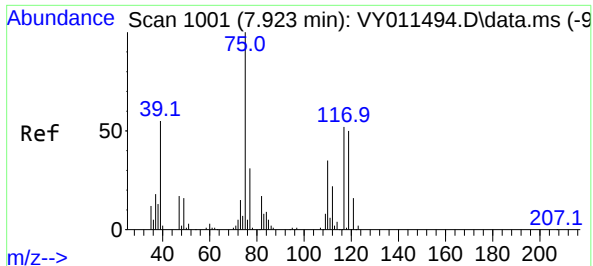
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 20.2 17.6 26.4

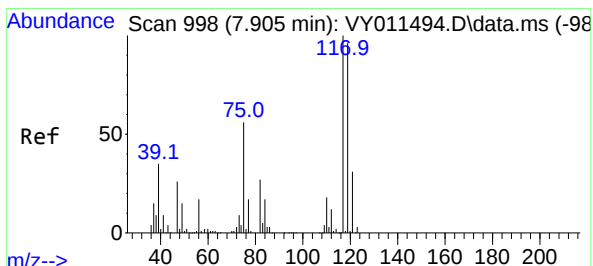
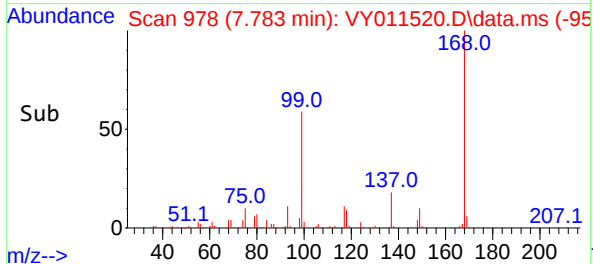
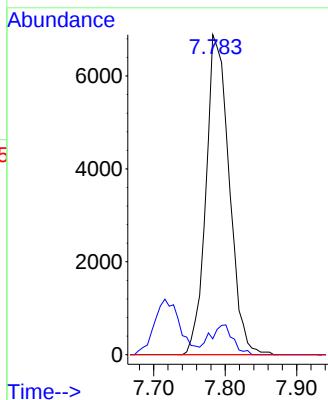
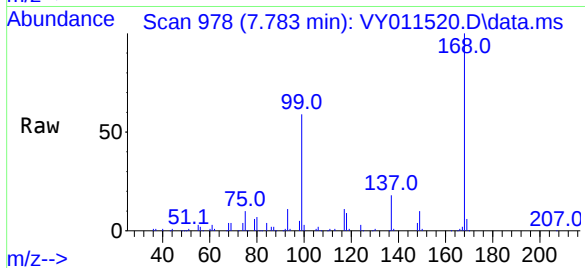




#36
1,1-Dichloropropene
Concen: 4.305 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

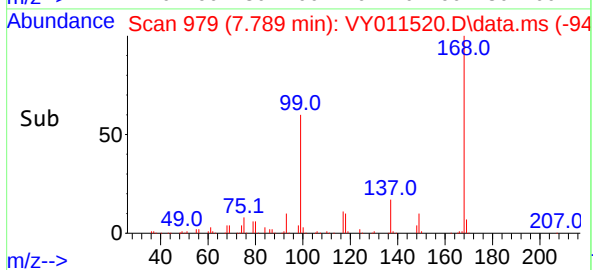
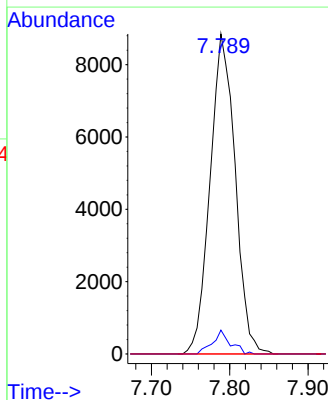
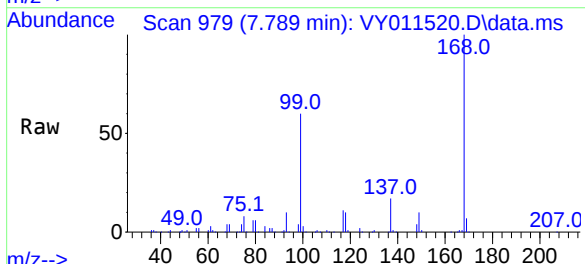
Instrument :
MSVOA_Y
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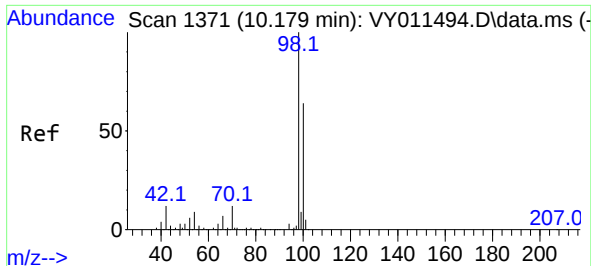
Tgt Ion: 75 Resp: 15565
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.871 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

Tgt Ion: 117 Resp: 19702
Ion Ratio Lower Upper
117 100
119 7.4 77.9 116.9#
121 0.0 24.8 37.2#

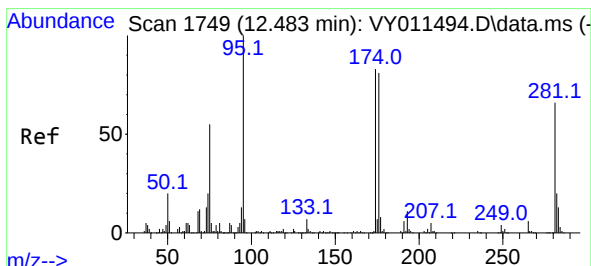
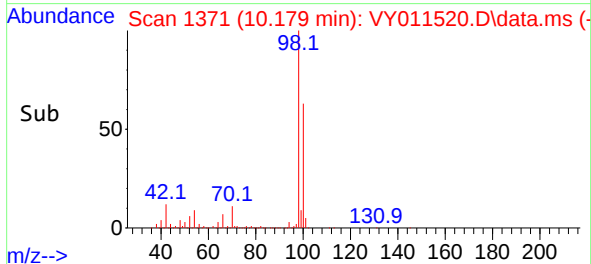
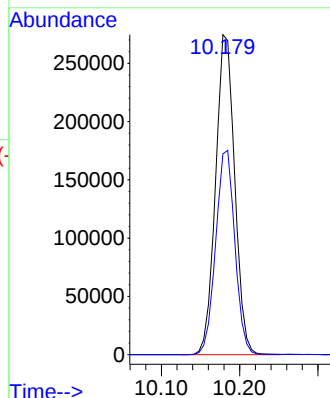
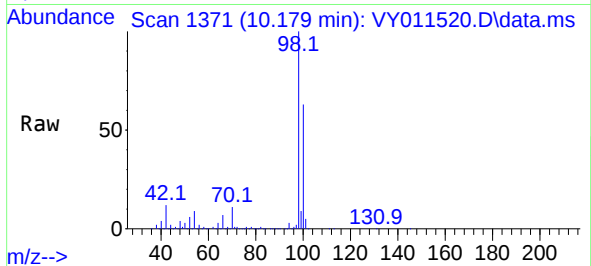




#50
Toluene-d8
Concen: 55.660 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

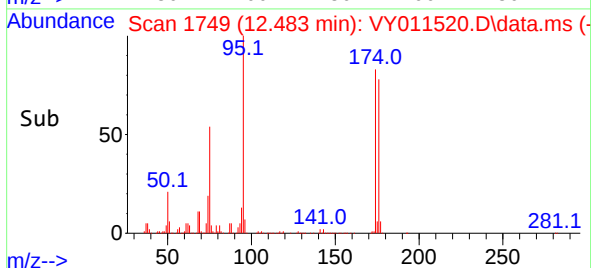
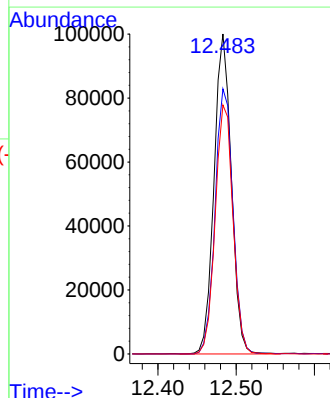
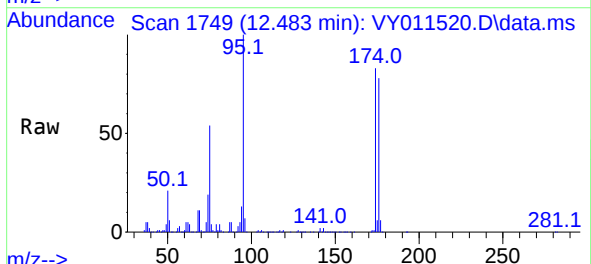
Instrument :
MSVOA_Y
ClientSampleId :

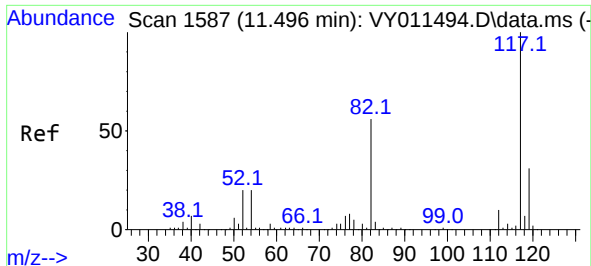
Tgt Ion: 98 Resp: 467784
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

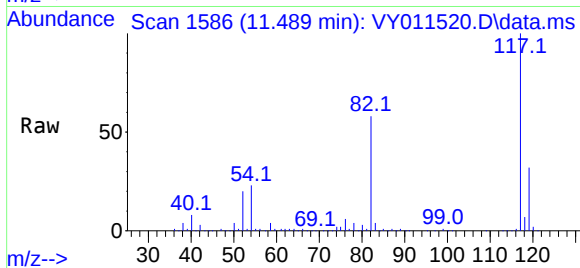
Tgt Ion: 95 Resp: 153430
Ion Ratio Lower Upper
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174 85.5 0.0 177.0
176 80.1 0.0 175.8



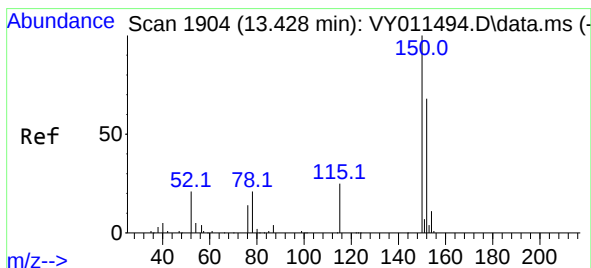
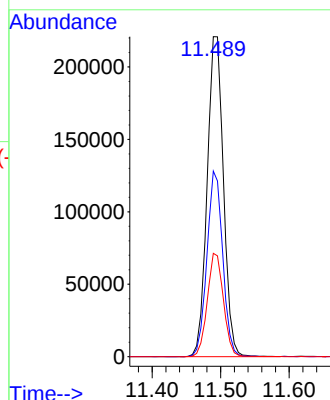
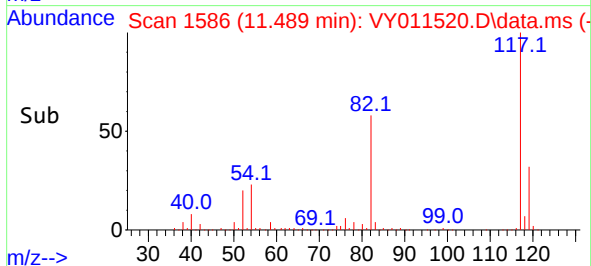


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

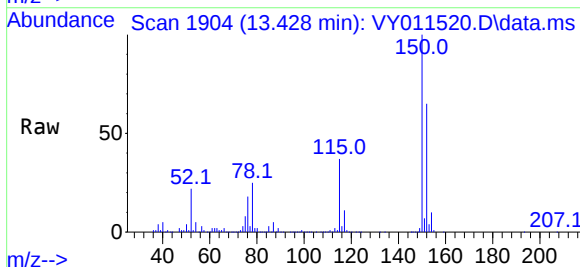
Instrument :
MSVOA_Y
ClientSampleId :



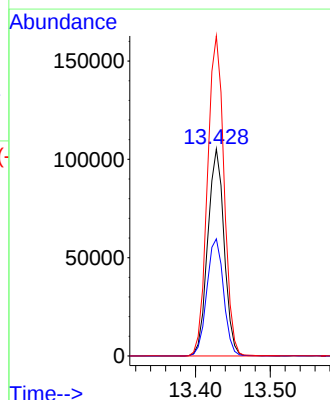
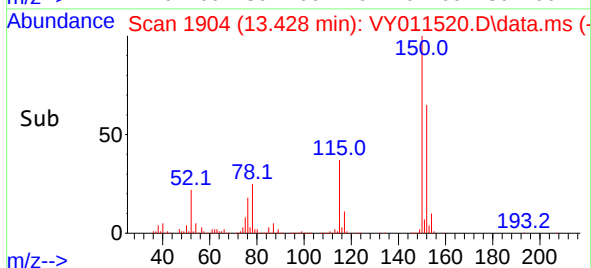
Tgt Ion:117 Resp: 366044
Ion Ratio Lower Upper
117 100
82 58.0 43.0 64.4
119 32.3 25.4 38.0

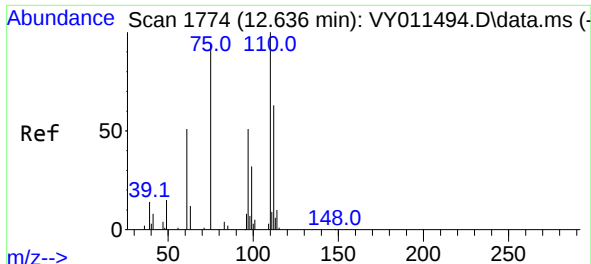


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42



Tgt Ion:152 Resp: 159936
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.5 0.0 347.6

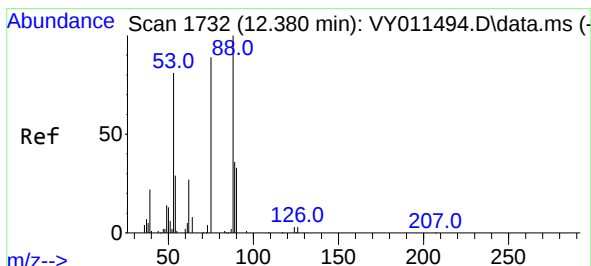
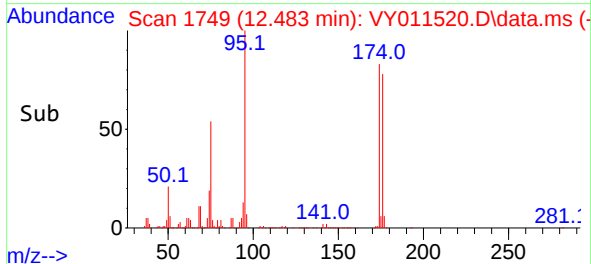
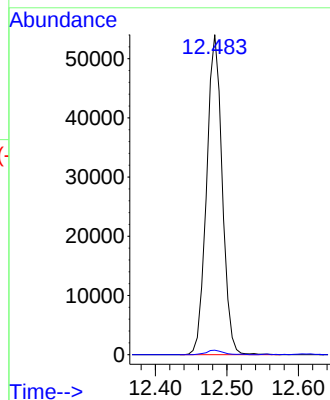
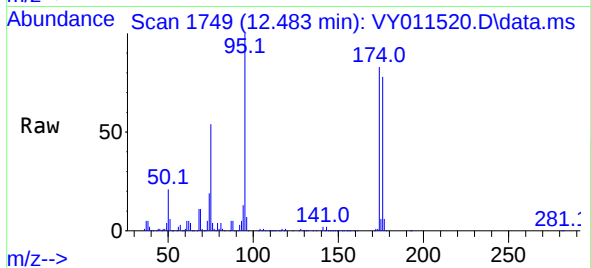




#76
1,2,3-Trichloropropane
Concen: 47.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

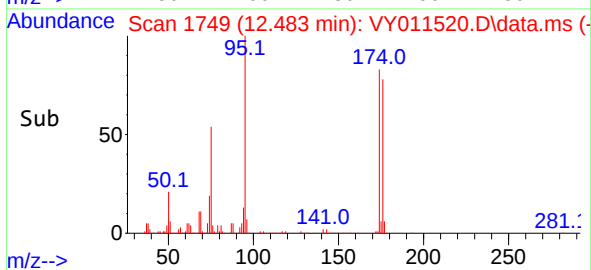
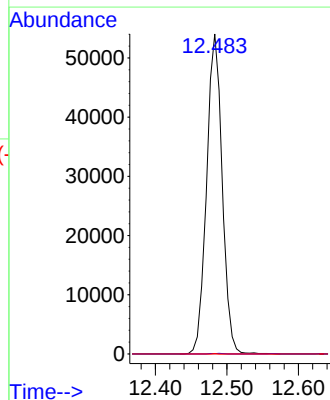
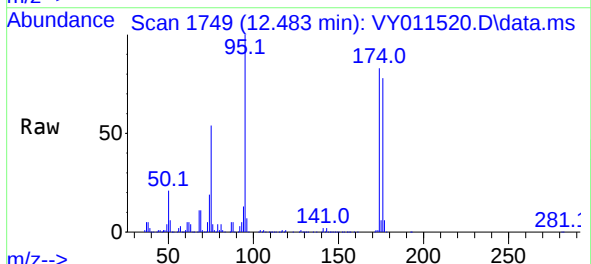
Instrument :
MSVOA_Y
ClientSampleId :

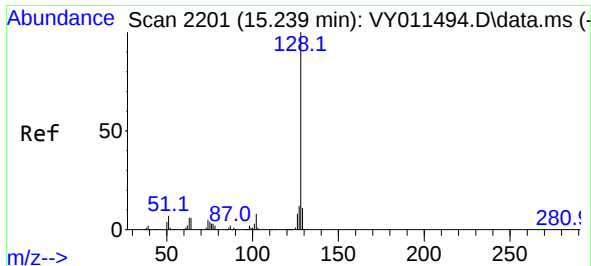
Tgt Ion: 75 Resp: 81774
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.990 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

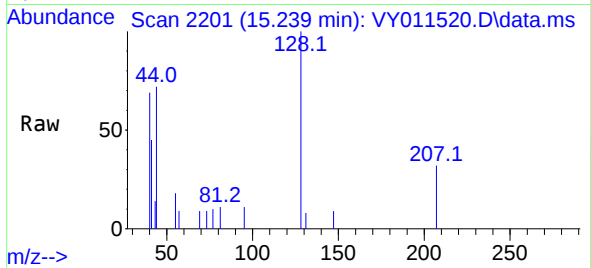
Tgt Ion: 75 Resp: 81774
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.175 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011520.D
Acq: 21 Nov 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 956
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 7.7 8.4 12.6#

