

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008162.D
 Acq On : 01 Apr 2022 15:41
 Operator : SY/MD
 Sample : N2220-03
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A11015

Quant Time: Apr 02 03:57:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

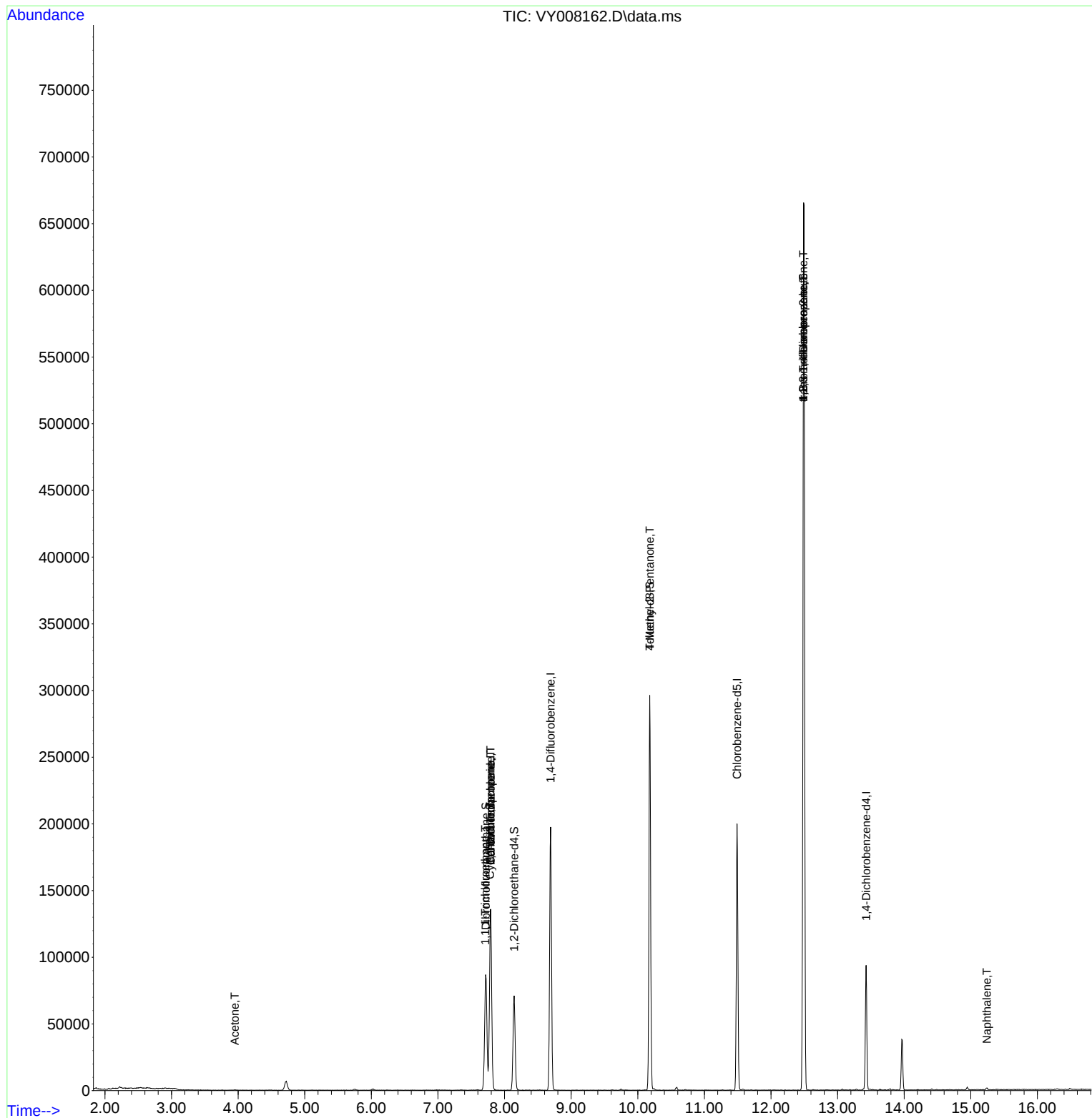
Internal Standards						
1) Pentafluorobenzene	7.789	168	106627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	111732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53980	50.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.716	113	59207	54.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.179	98	199569	48.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	12.483	95	33978	23.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 46.760%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	438	1.791	ug/l	92
18) Methyl Acetate	4.460	43	151	Below Cal	#	56
20) Methylene Chloride	4.723	84	5232	Below Cal	#	83
31) Cyclohexane	7.783	56	2272	1.136	ug/l #	19
32) 1,1,1-Trichloroethane	7.710	97	4499	2.121	ug/l	96
36) 1,1-Dichloropropene	7.789	75	8092	4.711	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10738	5.736	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	878	1.105	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	22567	78.687	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22567	175.563	ug/l #	11
95) Naphthalene	15.239	128	1636	1.589	ug/l #	90

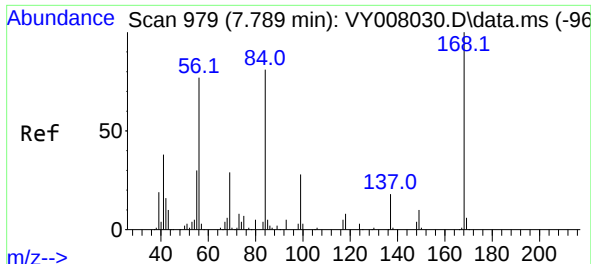
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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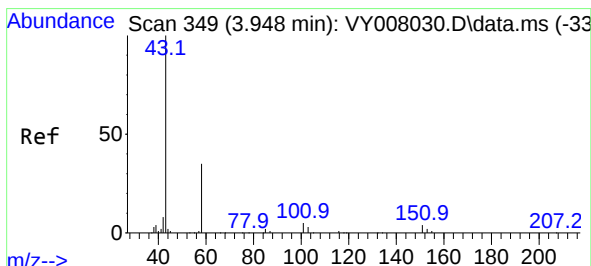
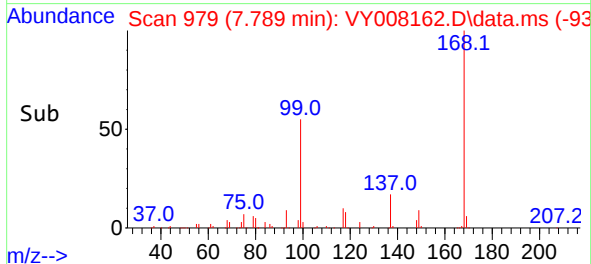
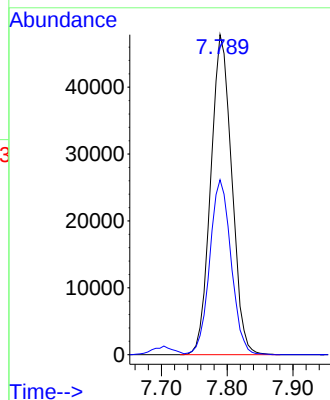
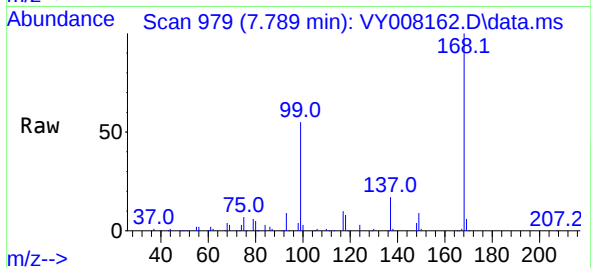




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

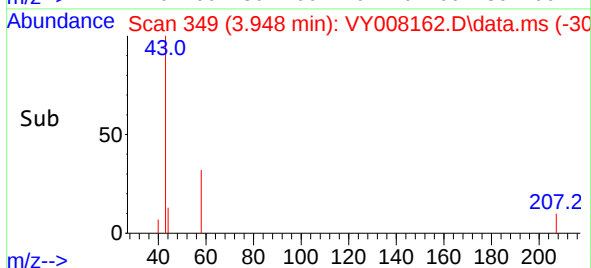
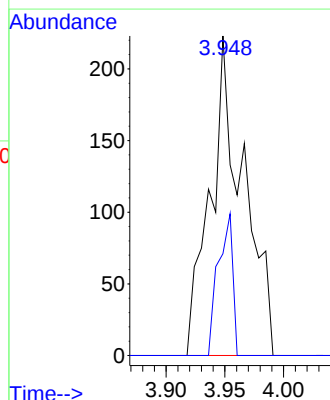
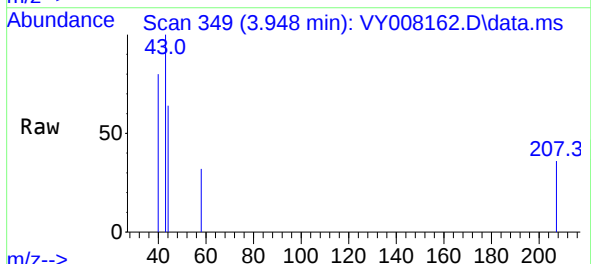
Instrument :
MSVOA_Y
ClientSampleId :
A11015

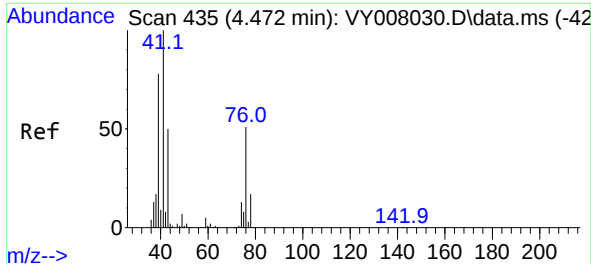
Tgt Ion:168 Resp: 106627
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#16
Acetone
Concen: 1.791 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY008162.D

Acq: 01 Apr 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

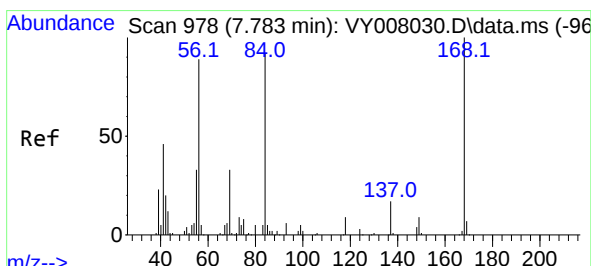
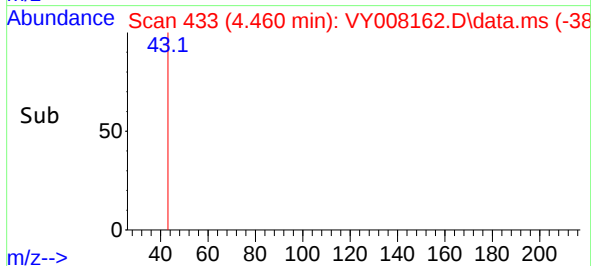
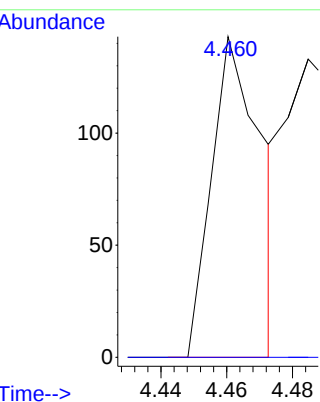
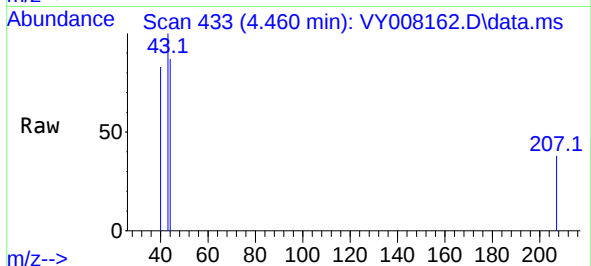
A11015

Tgt Ion: 43 Resp: 151

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.136 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008162.D

Acq: 01 Apr 2022 15:41

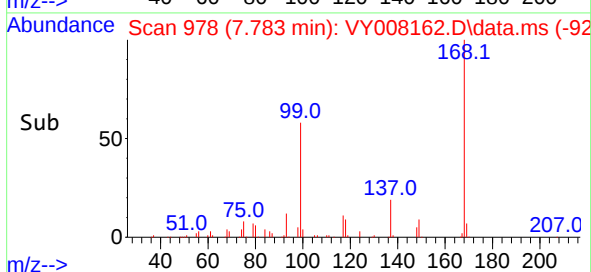
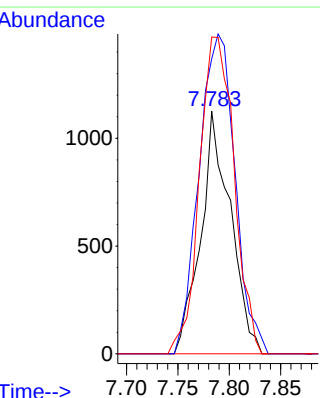
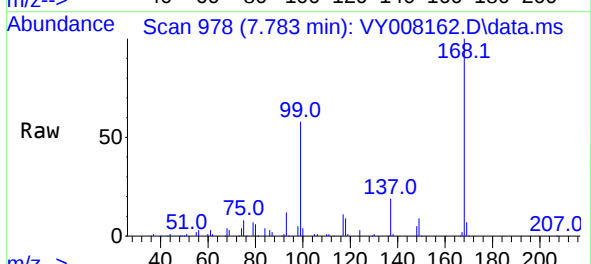
Tgt Ion: 56 Resp: 2272

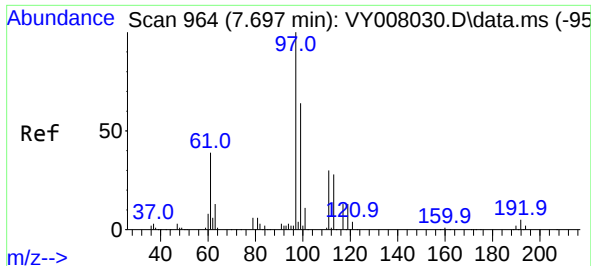
Ion Ratio Lower Upper

56 100

69 121.6 26.7 40.1#

84 130.6 67.2 100.8#

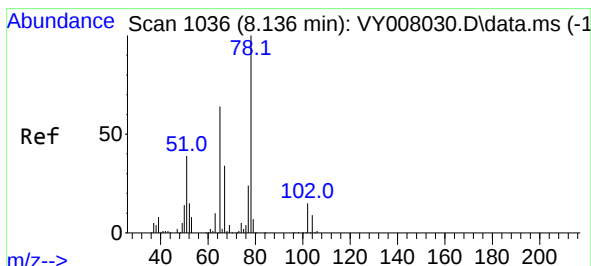
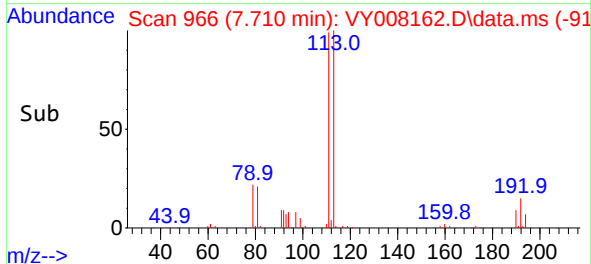
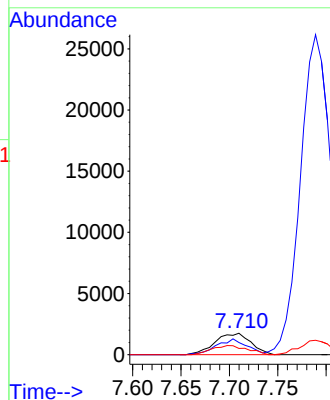
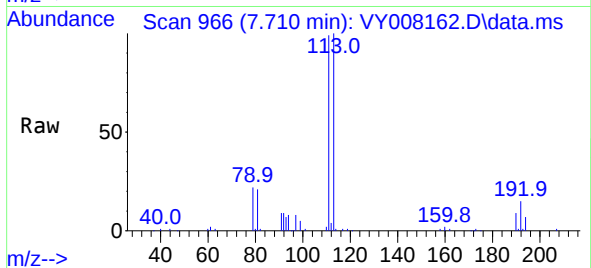




#32
1,1,1-Trichloroethane
Concen: 2.121 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

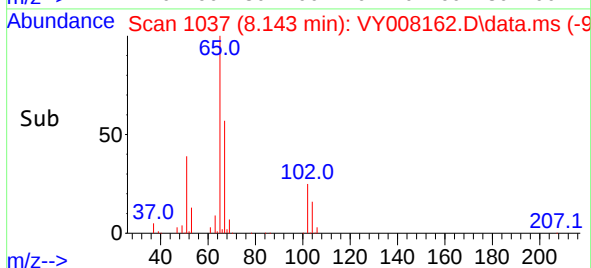
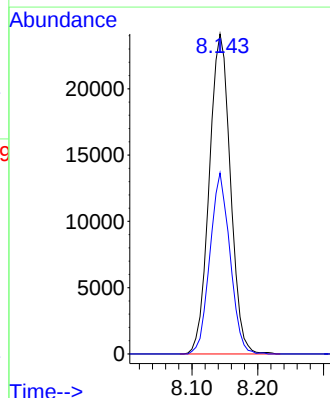
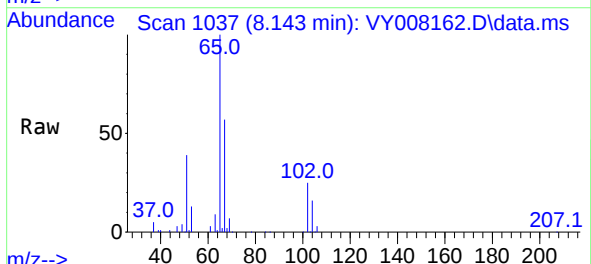
Instrument :
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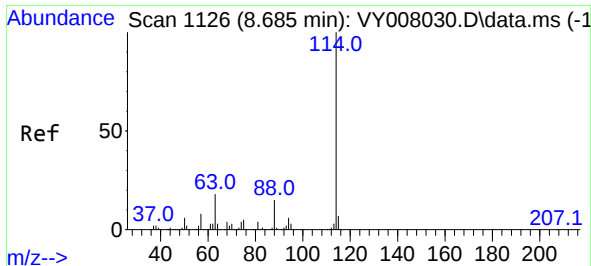
Tgt Ion:	97	Resp:	4499
Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.7	76.1
61	42.6	37.6	56.4



#33
1,2-Dichloroethane-d4
Concen: 50.459 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

Tgt Ion:	65	Resp:	53980
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008162.D

Acq: 01 Apr 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

A11015

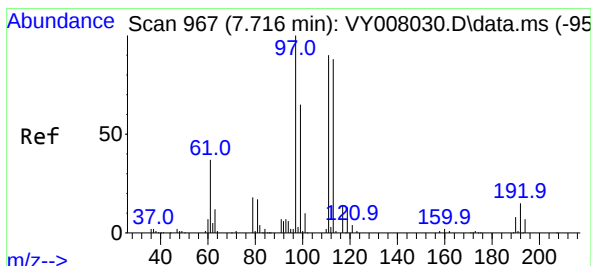
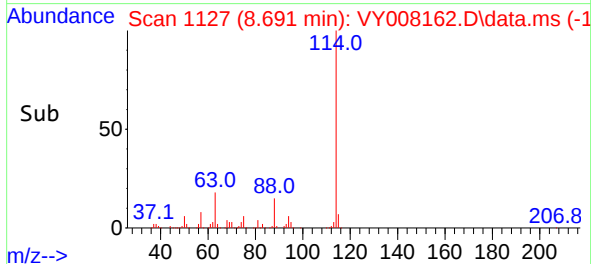
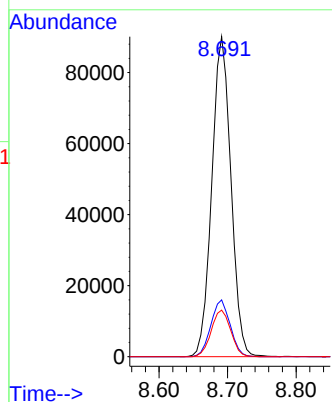
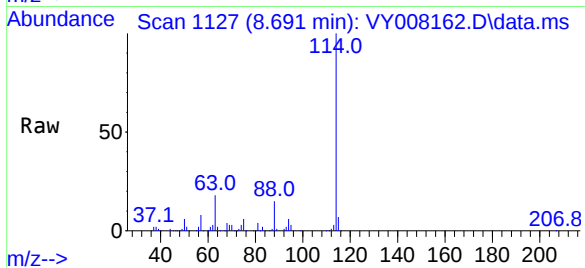
Tgt Ion:114 Resp: 174420

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.141 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008162.D

Acq: 01 Apr 2022 15:41

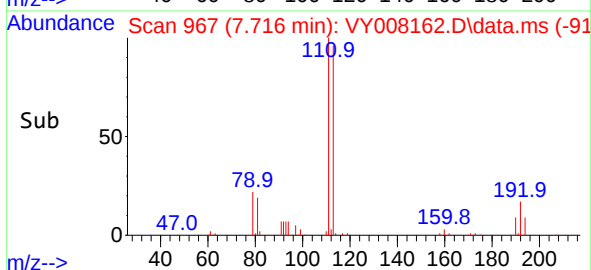
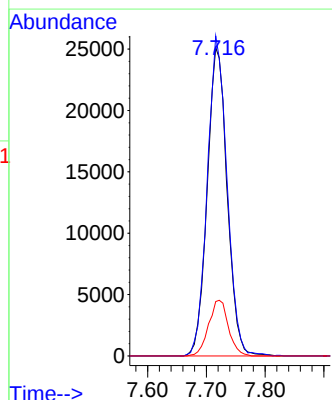
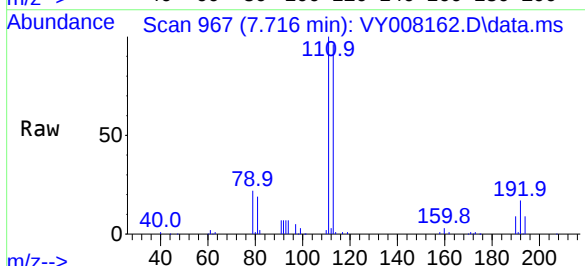
Tgt Ion:113 Resp: 59207

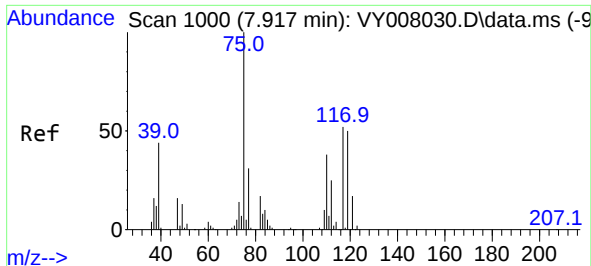
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 17.9 17.6 26.4

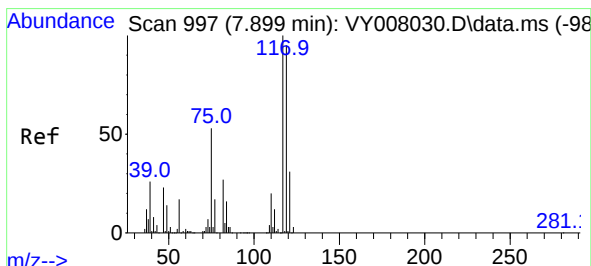
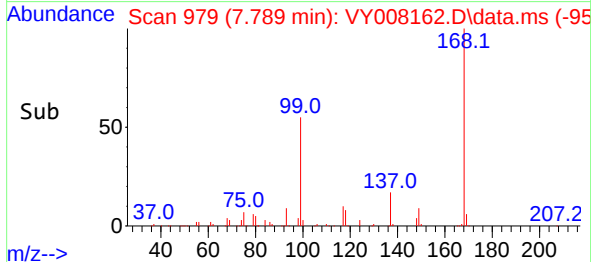
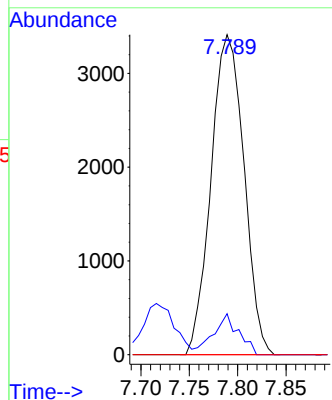
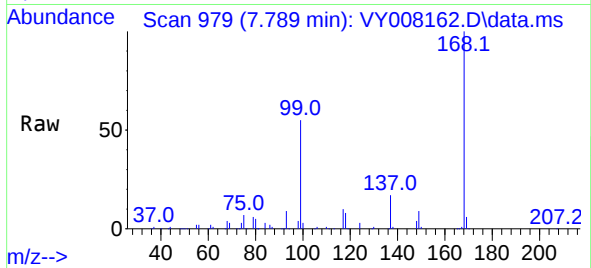




#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

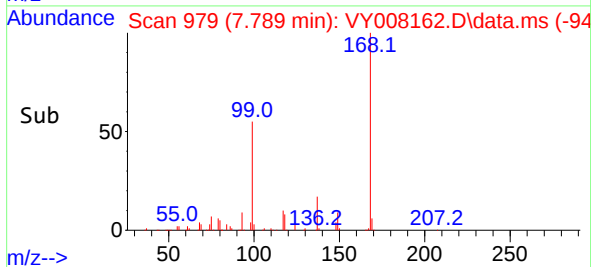
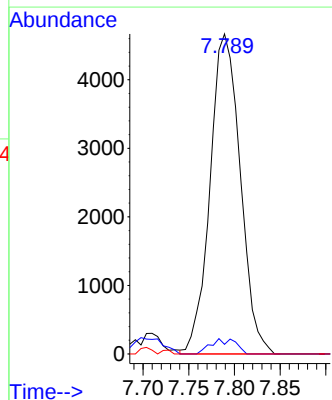
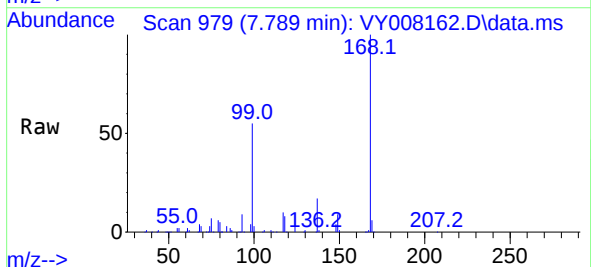
Instrument :
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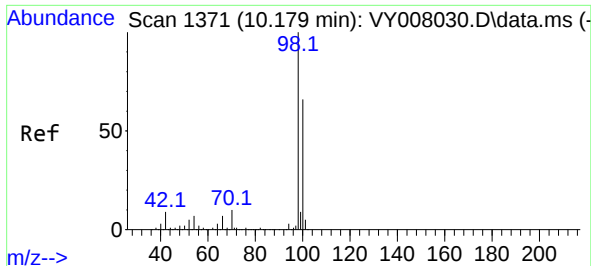
Tgt Ion: 75 Resp: 8092
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

Tgt Ion: 117 Resp: 10738
Ion Ratio Lower Upper
117 100
119 3.0 77.9 116.9#
121 0.0 24.8 37.2#

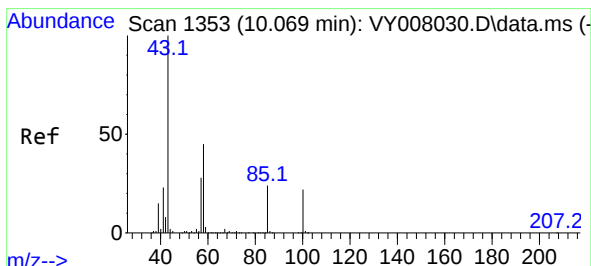
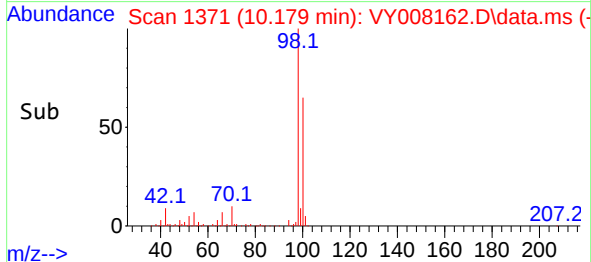
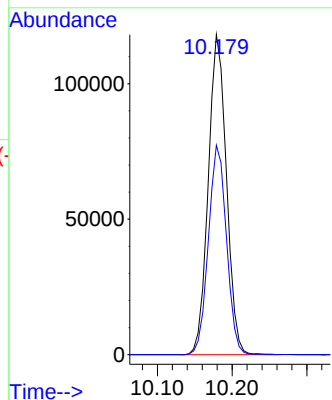
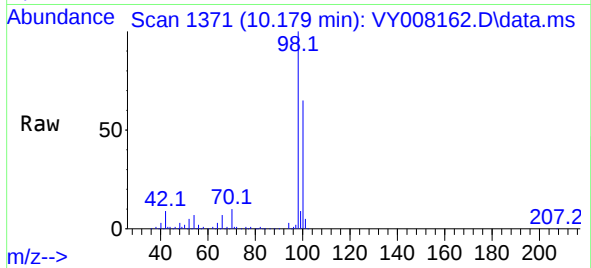




#50
Toluene-d8
Concen: 48.439 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

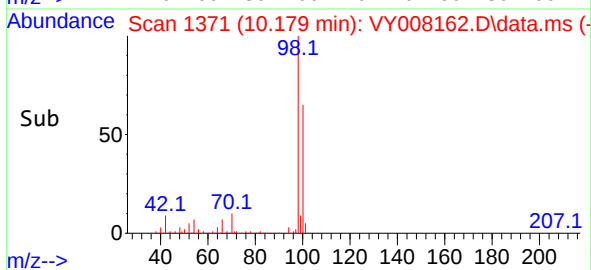
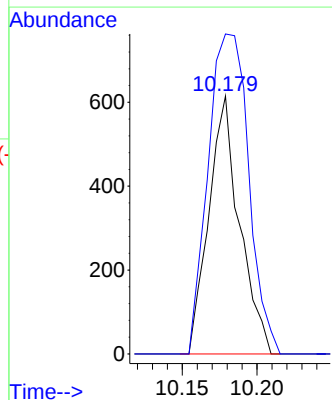
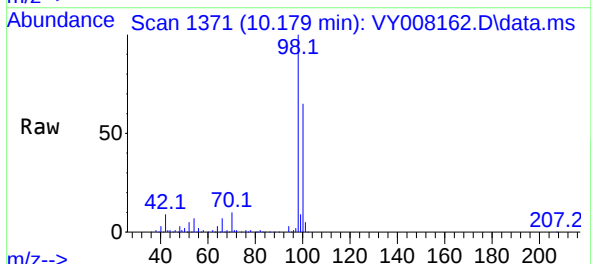
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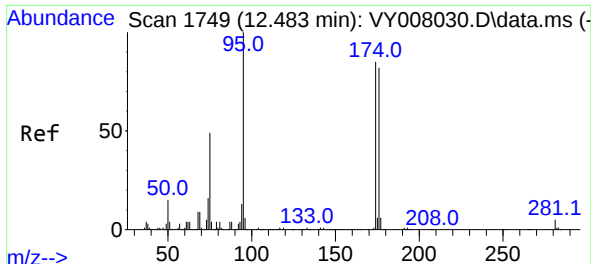
Tgt Ion: 98 Resp: 199569
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.105 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 164.0 28.1 42.1#

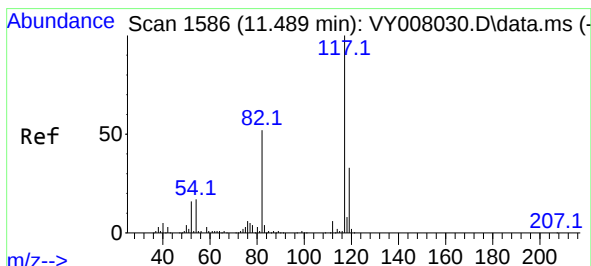
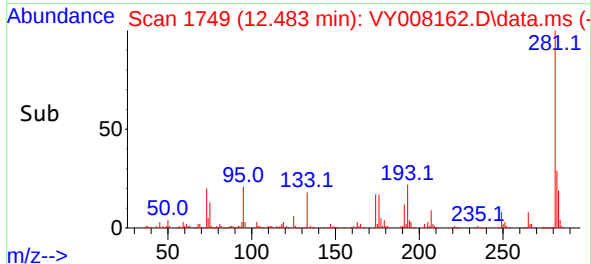
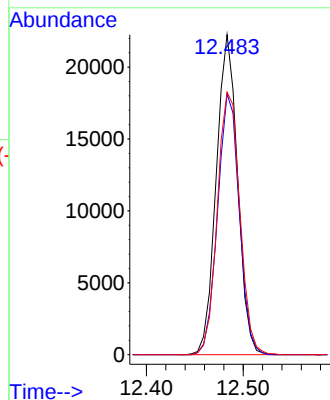
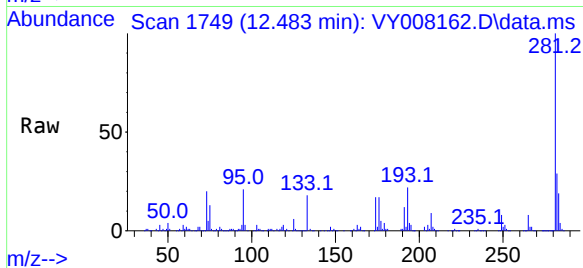




#62
4-Bromofluorobenzene
Concen: 23.376 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

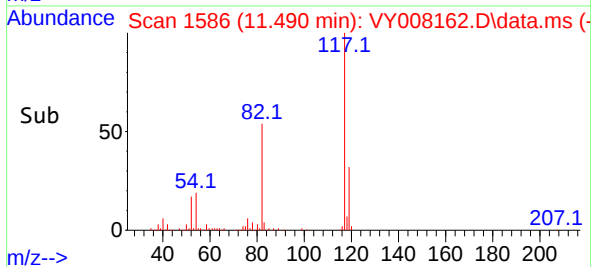
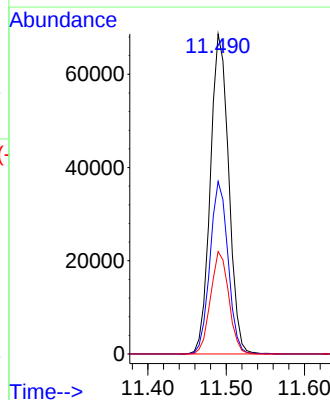
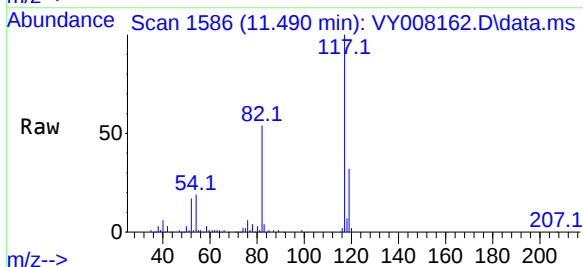
Instrument :
MSVOA_Y
ClientSampleId :
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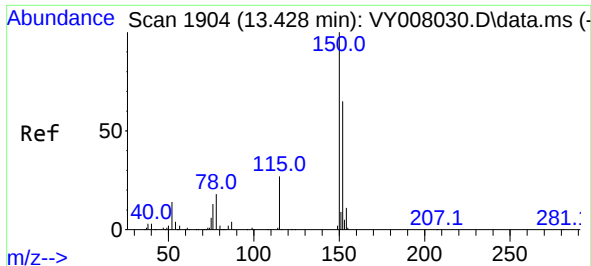
Tgt Ion: 95 Resp: 33978
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

Tgt Ion: 117 Resp: 111732
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.0 25.4 38.0

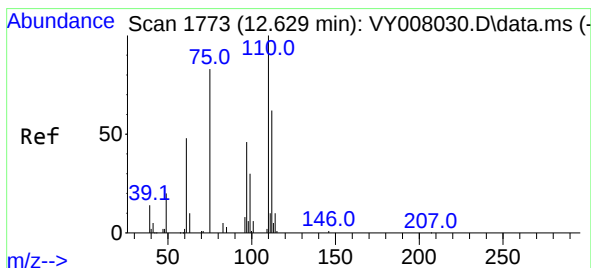
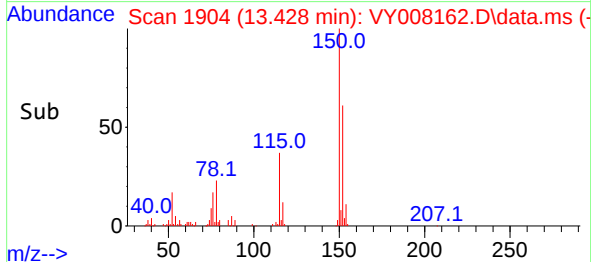
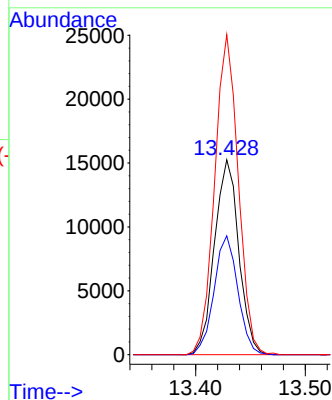
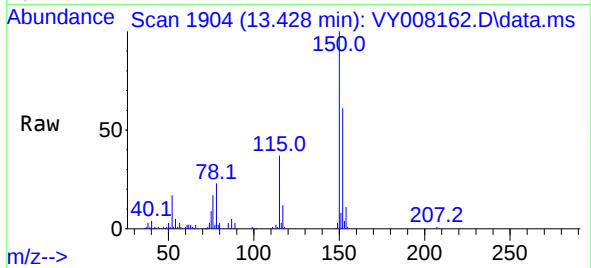




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008162.D
 Acq: 01 Apr 2022 15:41

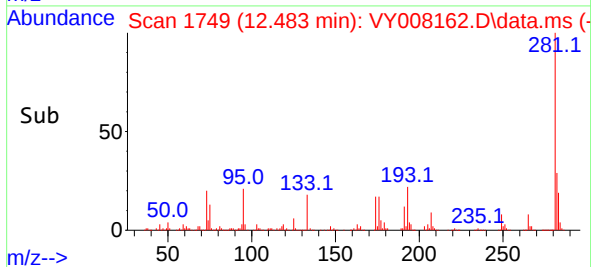
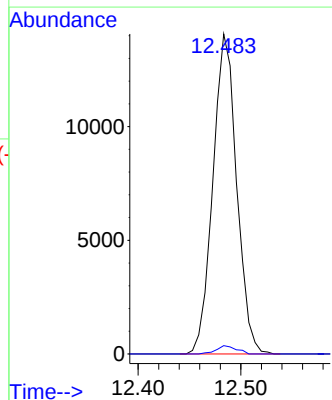
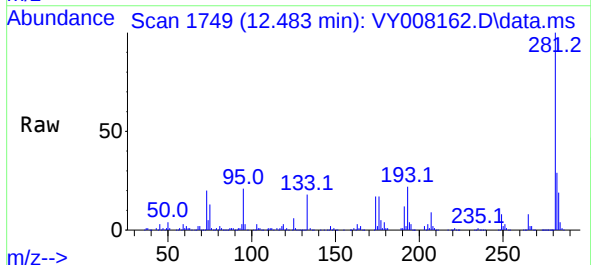
Instrument :
 MSVOA_Y
 ClientSampleId :
 A11015

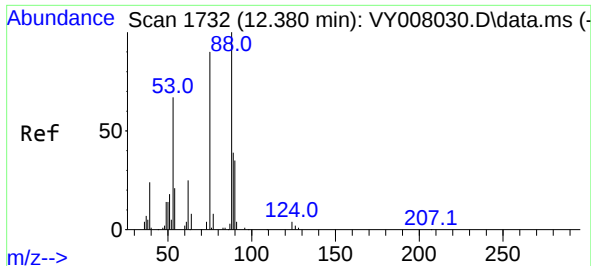
Tgt Ion:152 Resp: 23527
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.2 84.7
 150 159.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 78.687 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008162.D
 Acq: 01 Apr 2022 15:41

Tgt Ion: 75 Resp: 22567
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#

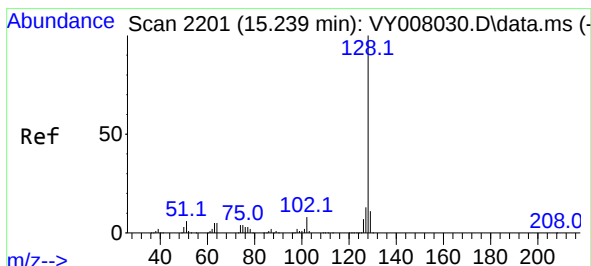
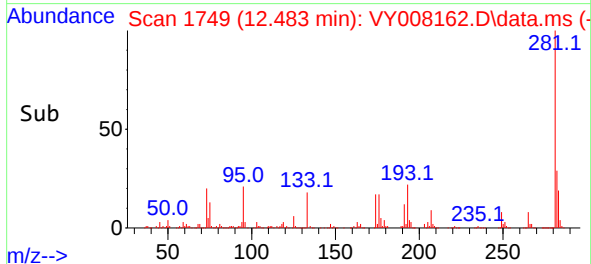
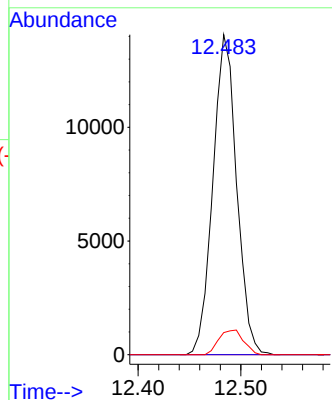
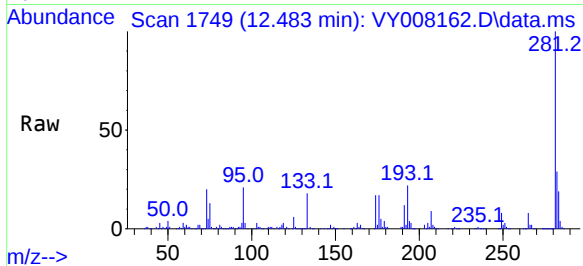




#81
trans-1,4-Dichloro-2-butene
Concen: 175.563 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
A11015

Tgt Ion: 75 Resp: 22567
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 8.0 37.0 55.4#



#95
Naphthalene
Concen: 1.589 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008162.D
Acq: 01 Apr 2022 15:41

Tgt Ion:128 Resp: 1636
Ion Ratio Lower Upper
128 100
127 10.8 11.0 16.4#
129 5.7 8.4 12.6#

