

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008206.D
 Acq On : 05 Apr 2022 13:53
 Operator : SY/MD
 Sample : N2237-01RE
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A08015RE

Quant Time: Apr 06 03:56:51 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)

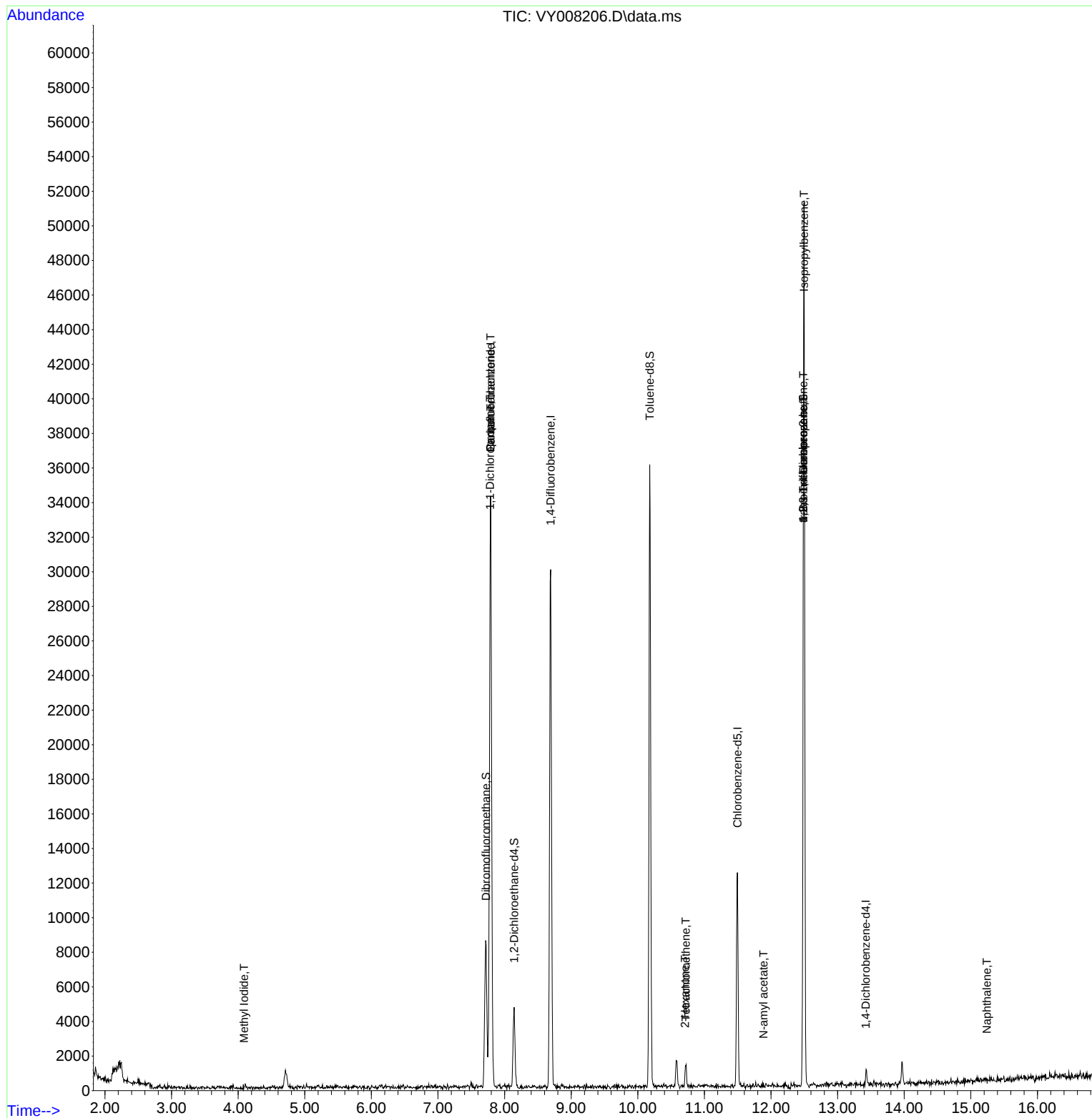
Internal Standards						
1) Pentafluorobenzene	7.789	168	26697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	7554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3526	13.164	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	26.320%#		
35) Dibromofluoromethane	7.721	113	6087	35.182	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	70.360%		
50) Toluene-d8	10.178	98	25238	38.719	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.440%		
62) 4-Bromofluorobenzene	12.483	95	971	4.222	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	8.440%#		
Target Compounds						Qvalue
10) Methyl Iodide	4.088	142	163	2.138	ug/l #	35
20) Methylene Chloride	4.722	84	743	Below Cal	#	49
36) 1,1-Dichloropropene	7.782	75	1982	7.293	ug/l #	48
38) Carbon Tetrachloride	7.789	117	2601	8.782	ug/l #	11
59) 2-Hexanone	10.709	43	118	1.342	ug/l #	28
64) Tetrachloroethene	10.721	164	339	5.843	ug/l #	67
73) Isopropylbenzene	12.495	105	115	4.480	ug/l #	48
74) N-amyl acetate	11.885	43	64	11.342	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	979	258.236	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	979	576.165	ug/l #	13
95) Naphthalene	15.238	128	46	3.380	ug/l #	69

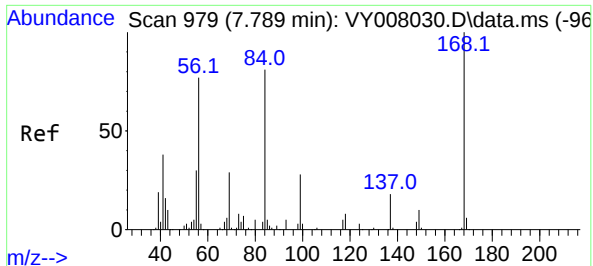
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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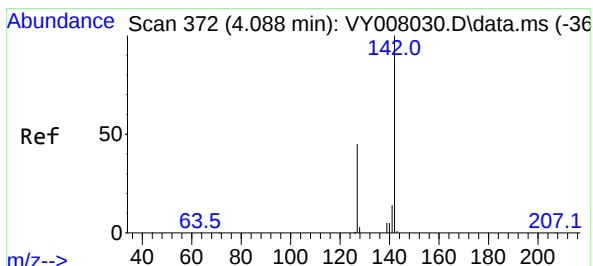
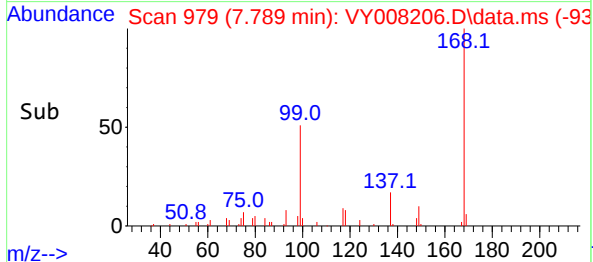
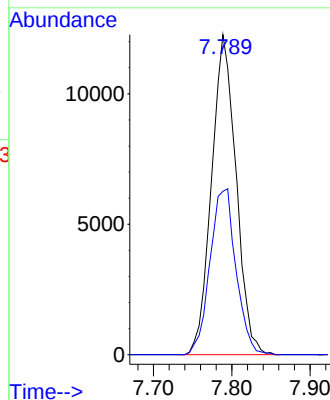
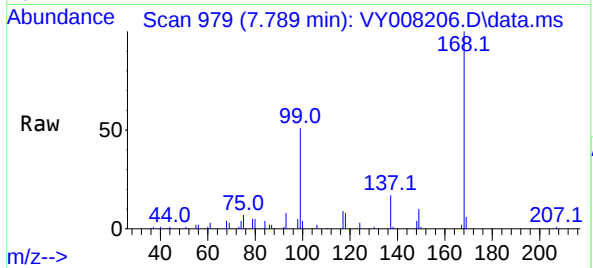




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

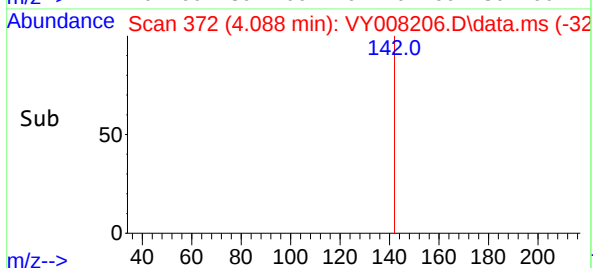
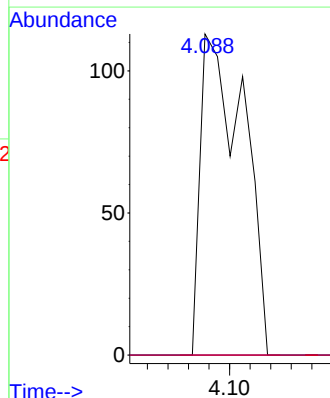
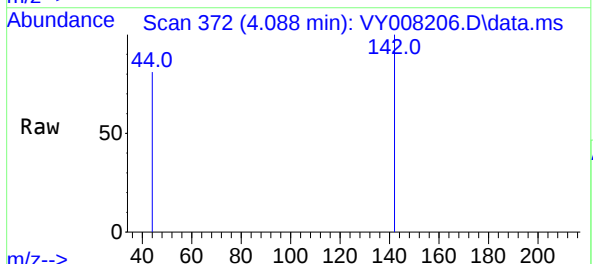
Instrument :
MSVOA_Y
ClientSampleId :
A08015RE

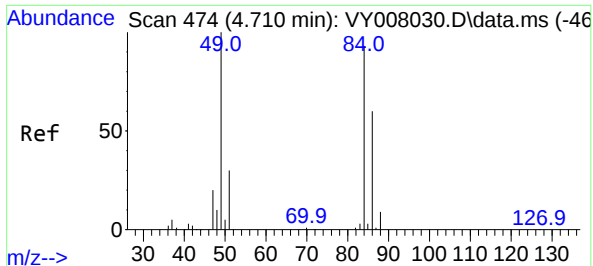
Tgt Ion:168 Resp: 26697
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#10
Methyl Iodide
Concen: 2.138 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Tgt Ion:142 Resp: 163
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

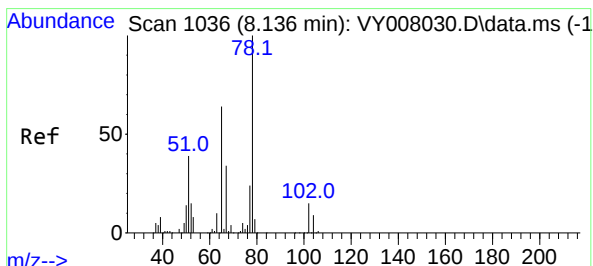
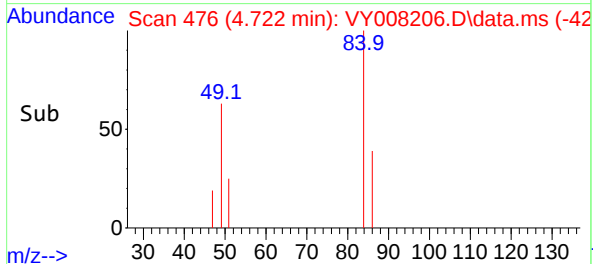
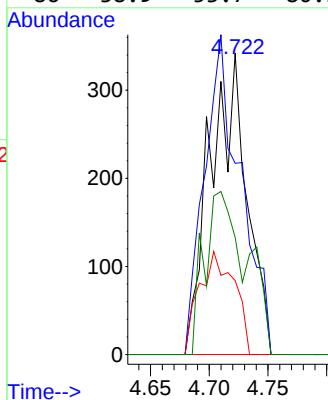
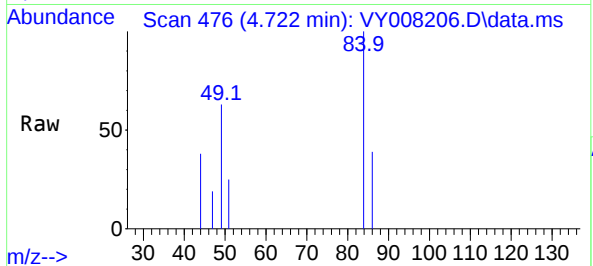




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

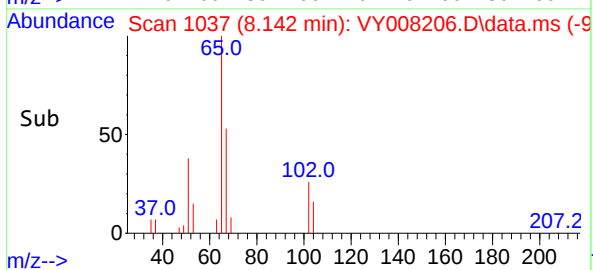
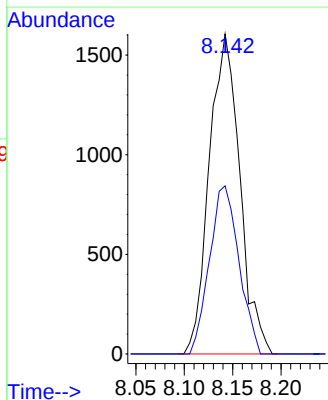
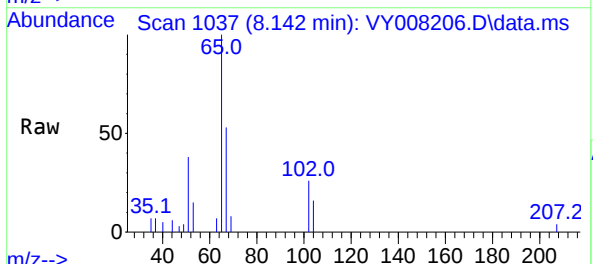
Instrument :
MSVOA_Y
ClientSampleId :
A08015RE

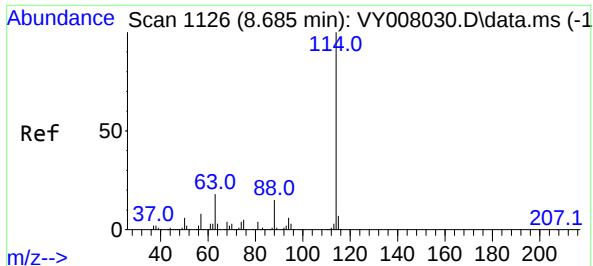
Tgt Ion: 84 Resp: 743
Ion Ratio Lower Upper
84 100
49 63.5 114.4 171.6#
51 24.6 35.3 52.9#
86 38.9 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 13.164 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Tgt Ion: 65 Resp: 3526
Ion Ratio Lower Upper
65 100
67 50.6 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: VY008206.D

Acq: 05 Apr 2022 13:53

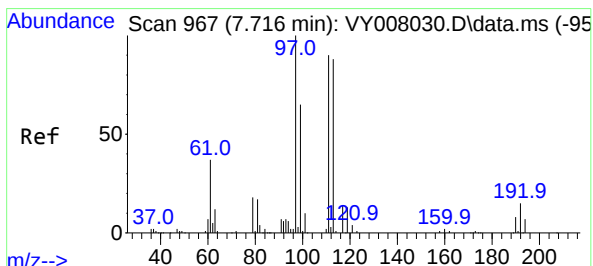
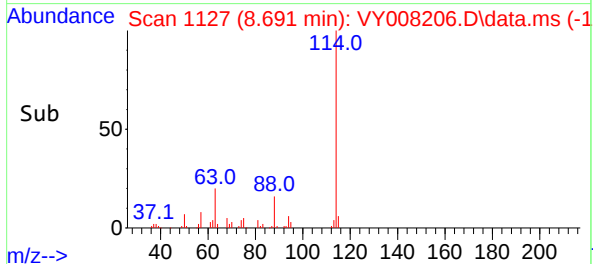
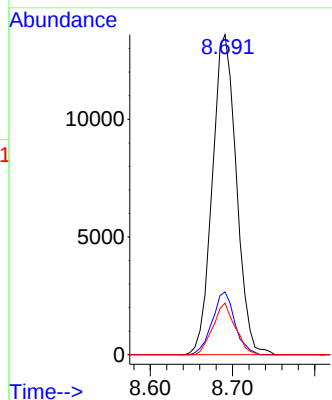
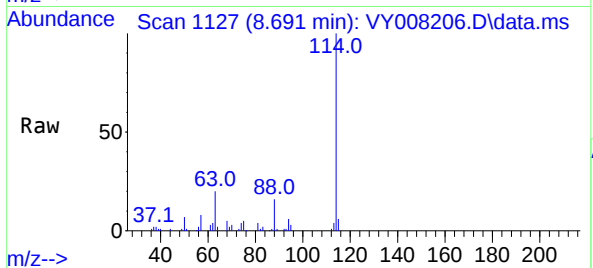
Instrument :

MSVOA_Y

ClientSampleId :

A08015RE

Tgt Ion:114	Resp:	27595
Ion	Ratio	Lower Upper
114	100	
63	19.6	0.0 43.2
88	16.1	0.0 31.8



#35

Dibromofluoromethane

Concen: 35.182 ug/l

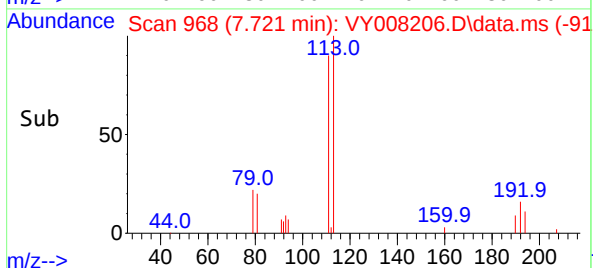
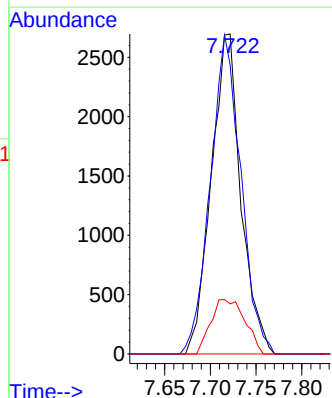
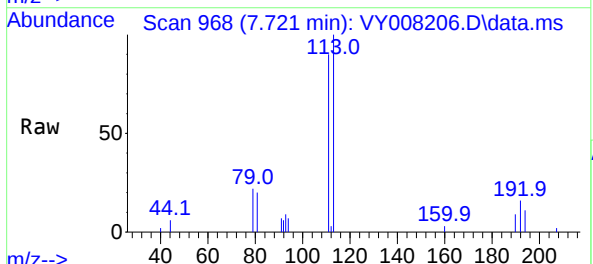
RT: 7.721 min Scan# 968

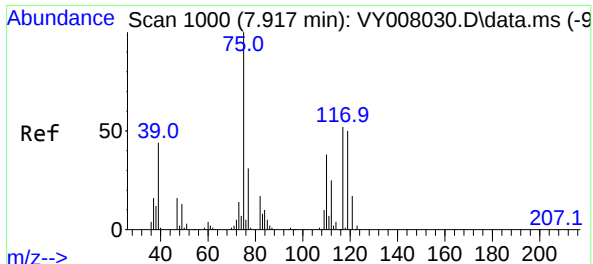
Delta R.T. 0.005 min

Lab File: VY008206.D

Acq: 05 Apr 2022 13:53

Tgt Ion:113	Resp:	6087
Ion	Ratio	Lower Upper
113	100	
111	102.4	82.6 124.0
192	19.5	17.6 26.4





#36

1,1-Dichloropropene

Concen: 7.293 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.135 min

Lab File: VY008206.D

Acq: 05 Apr 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

A08015RE

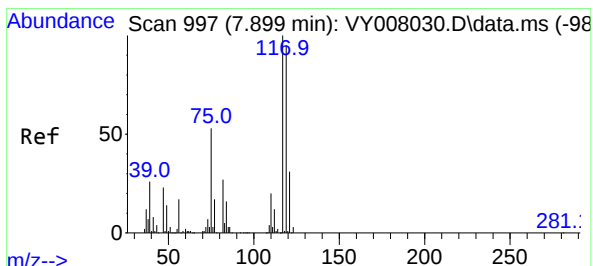
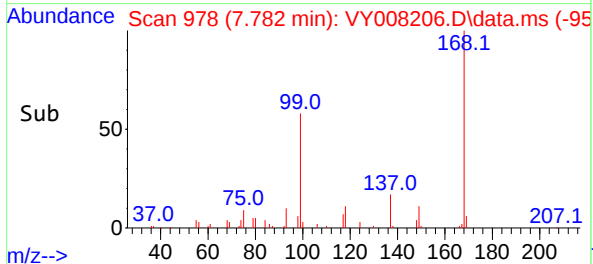
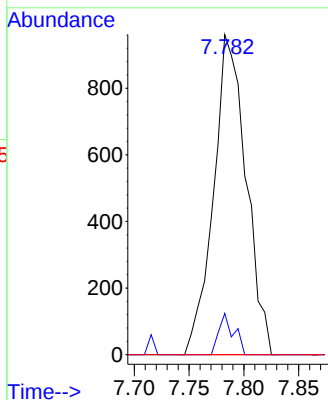
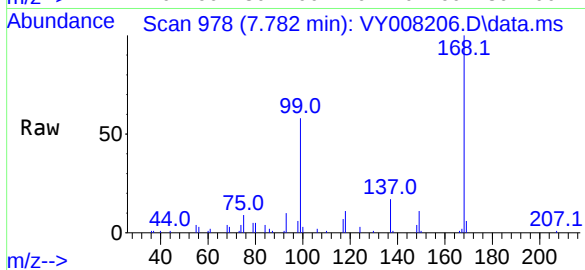
Tgt Ion: 75 Resp: 1982

Ion Ratio Lower Upper

75 100

110 5.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 8.782 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008206.D

Acq: 05 Apr 2022 13:53

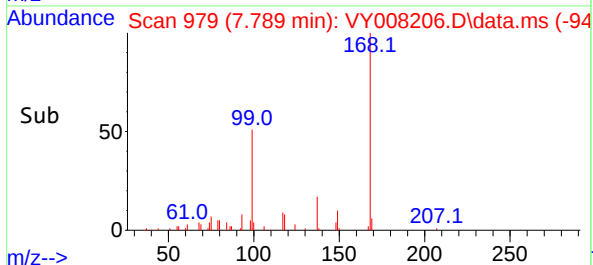
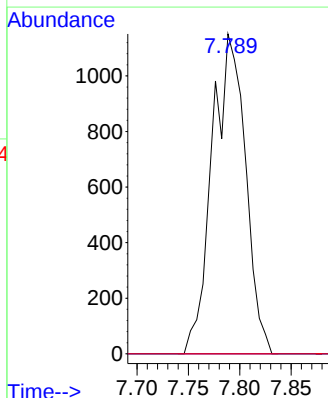
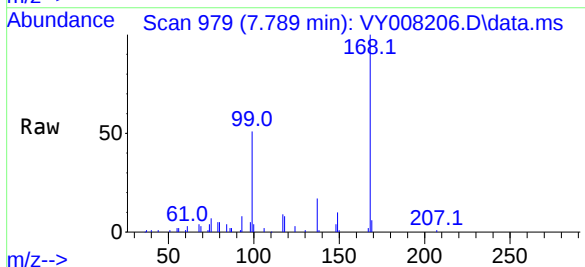
Tgt Ion: 117 Resp: 2601

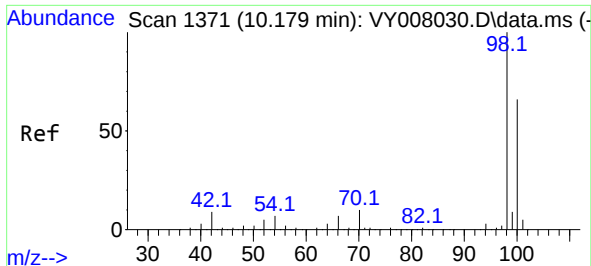
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

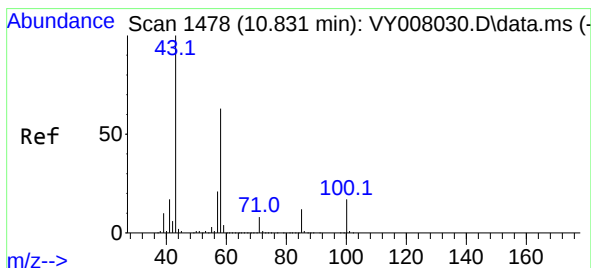
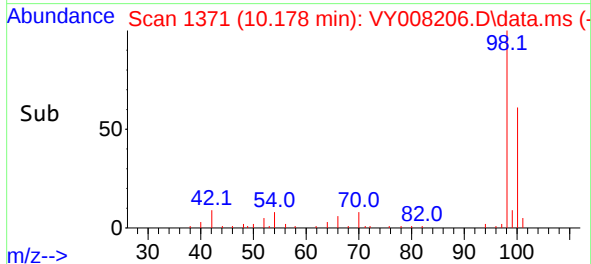
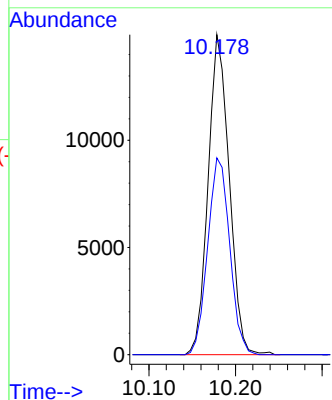
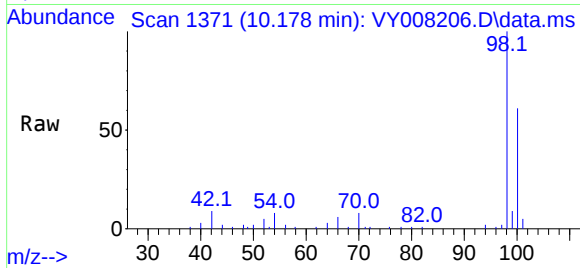




#50
Toluene-d8
Concen: 38.719 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

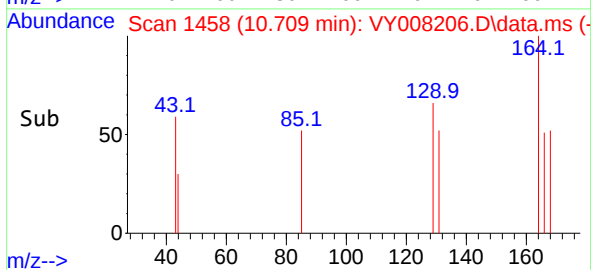
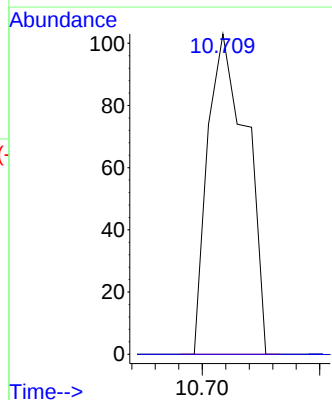
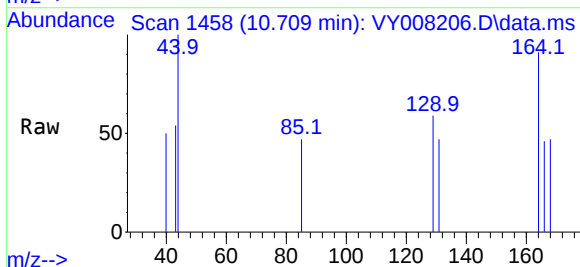
Instrument :
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ClientSampleId :
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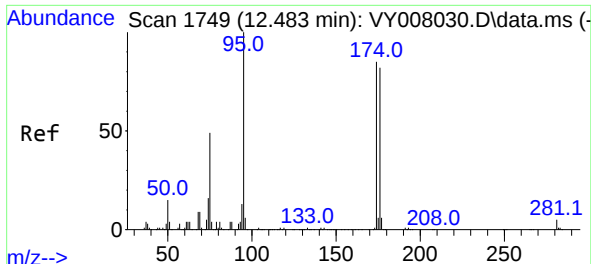
Tgt Ion: 98 Resp: 25238
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#59
2-Hexanone
Concen: 1.342 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.122 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

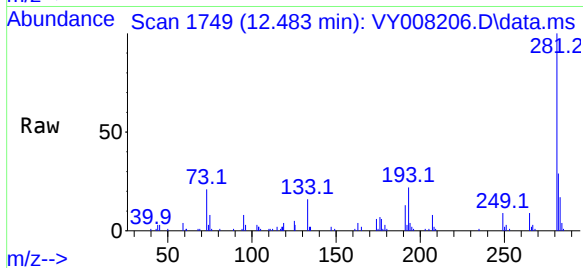
Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#





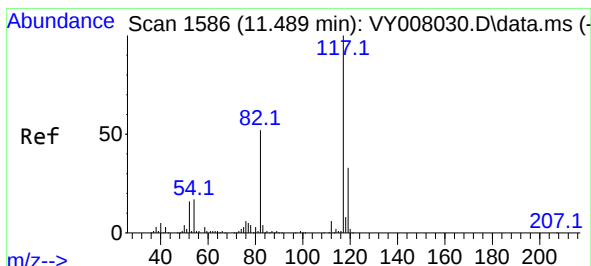
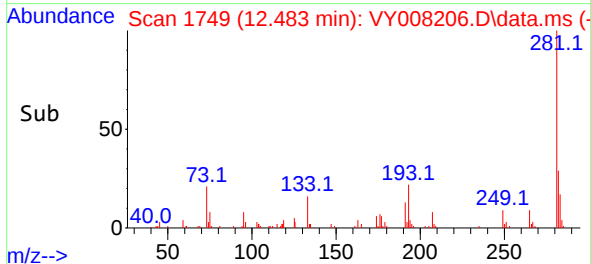
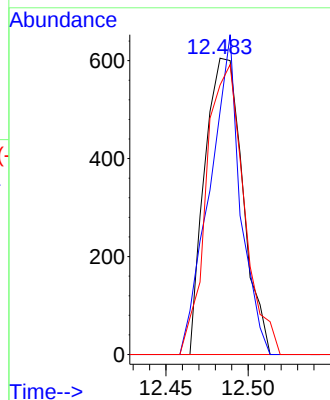
#62
4-Bromofluorobenzene
Concen: 4.222 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 95 Resp: 971

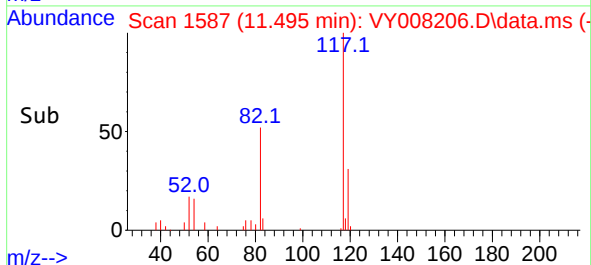
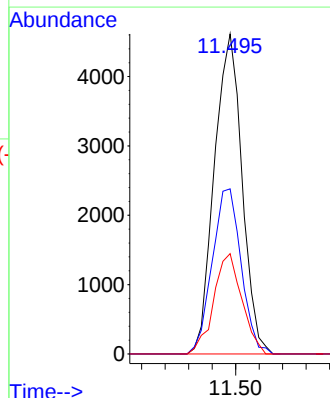
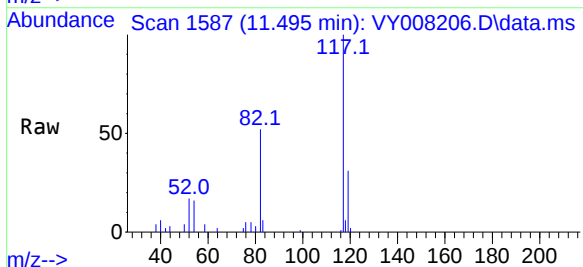
Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	177.0
176	97.0	0.0	175.8

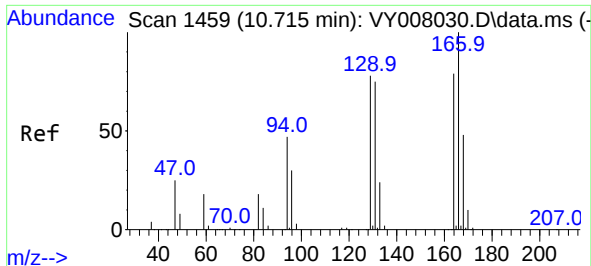


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Tgt Ion: 117 Resp: 7554

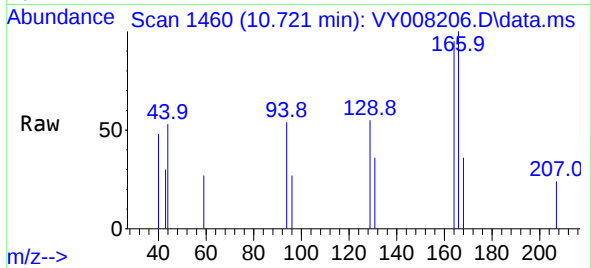
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	31.4	25.4	38.0



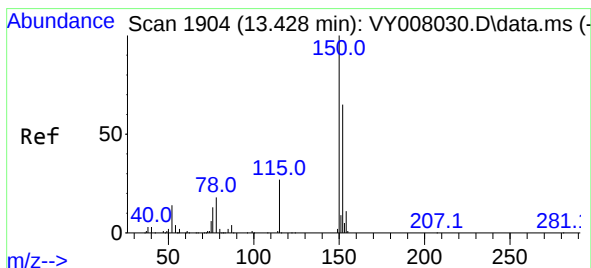
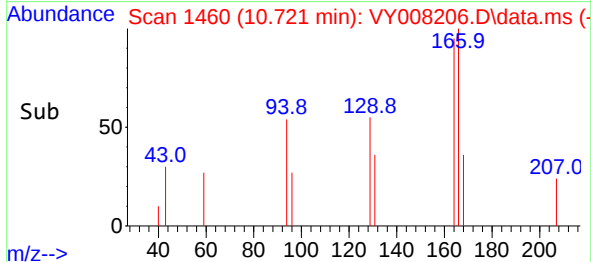
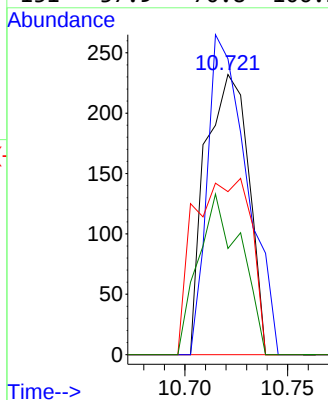


#64
Tetrachloroethene
Concen: 5.843 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Instrument :
MSVOA_Y
ClientSampleId :
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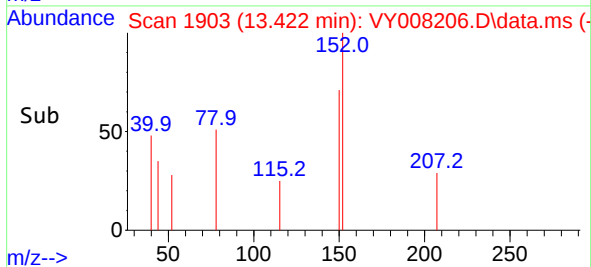
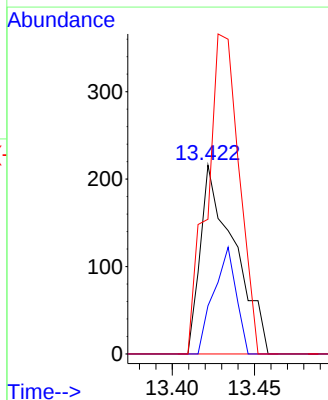
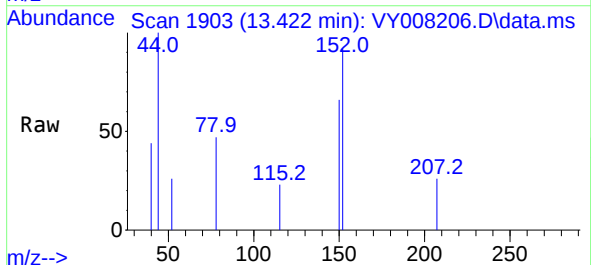


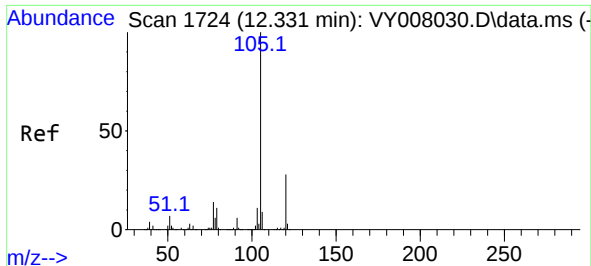
Tgt Ion:164 Resp: 339
Ion Ratio Lower Upper
164 100
166 105.6 100.4 150.6
129 58.2 71.4 107.0#
131 37.9 70.8 106.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

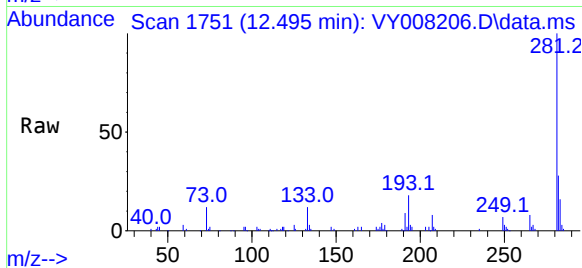
Tgt Ion:152 Resp: 311
Ion Ratio Lower Upper
152 100
115 37.3 28.2 84.7
150 159.5 0.0 347.6



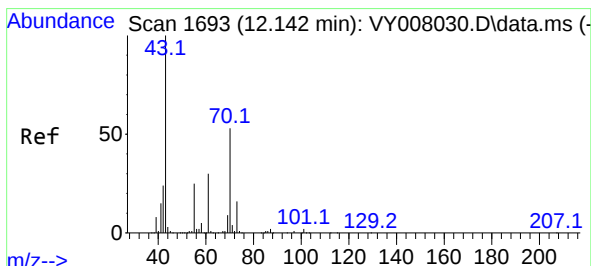
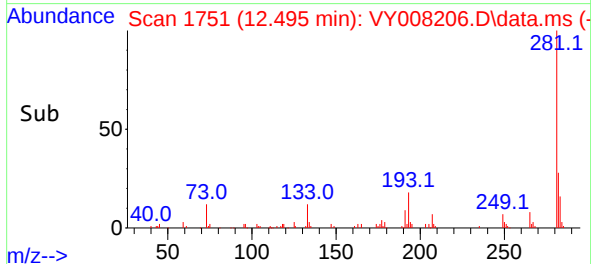
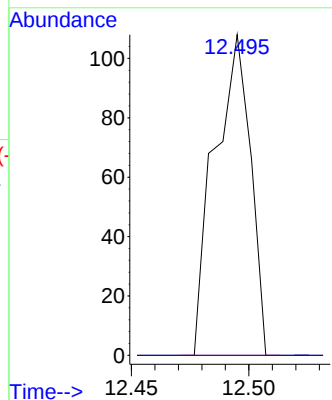


#73
Isopropylbenzene
Concen: 4.480 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.164 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

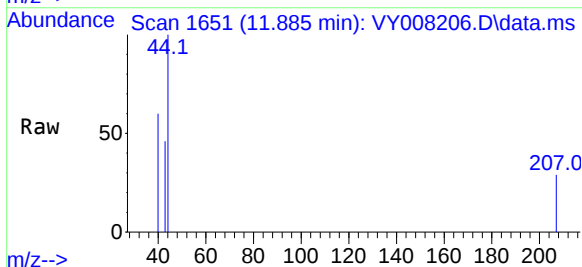
Instrument :
MSVOA_Y
ClientSampleId :
A08015RE



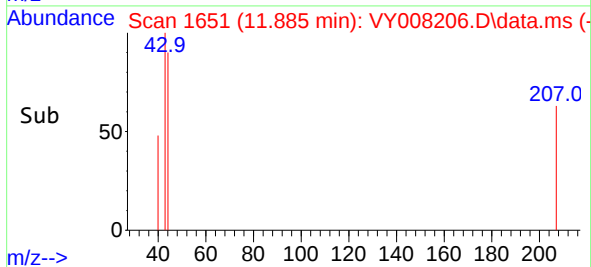
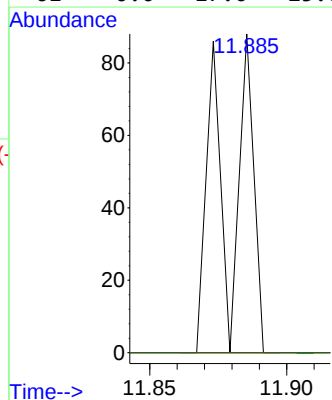
Tgt Ion:105 Resp: 115
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#

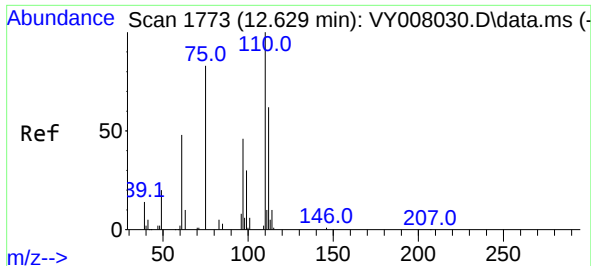


#74
N-ethyl acetate
Concen: 11.342 ug/l
RT: 11.885 min Scan# 1651
Delta R.T. -0.257 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53



Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

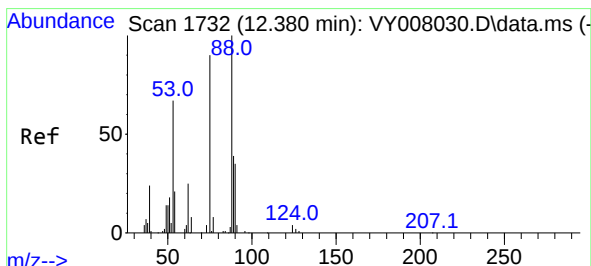
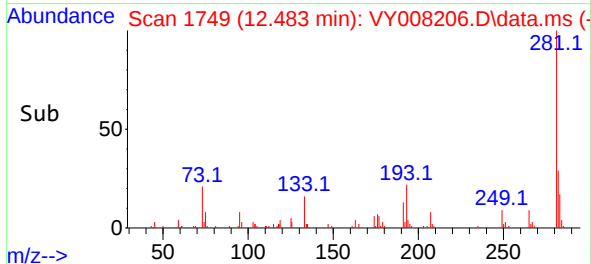
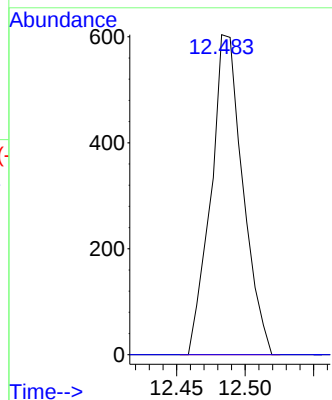
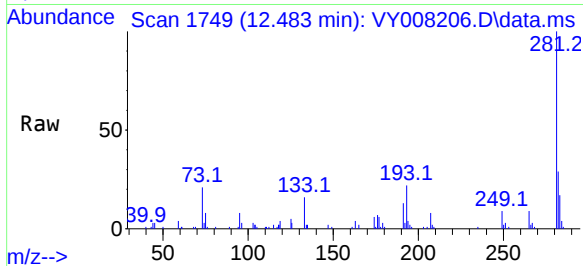




#76
1,2,3-Trichloropropane
Concen: 258.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

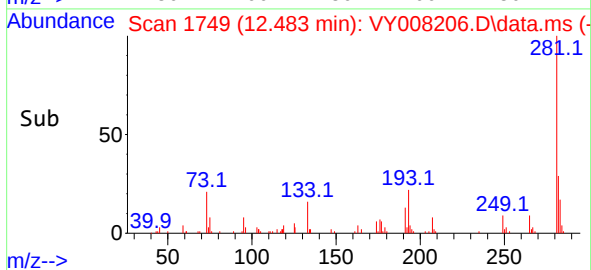
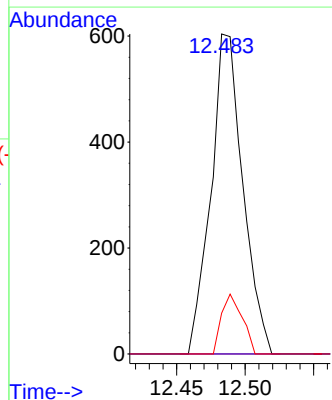
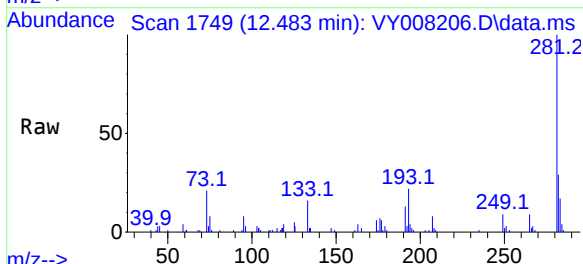
Instrument :
MSVOA_Y
ClientSampleId :
A08015RE

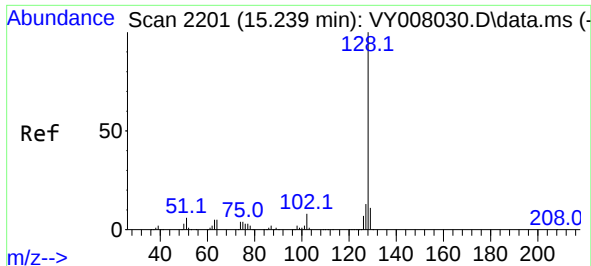
Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 576.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

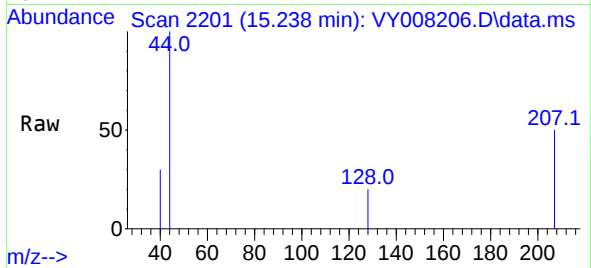
Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 12.2 37.0 55.4#





#95
Naphthalene
Concen: 3.380 ug/l
RT: 15.238 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Instrument :
MSVOA_Y
ClientSampleId :
A08015RE



Tgt Ion:128 Resp: 46
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

