

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008204.D
 Acq On : 05 Apr 2022 13:06
 Operator : SY/MD
 Sample : N2220-16RE
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09015RE

Quant Time: Apr 06 03:56:24 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)

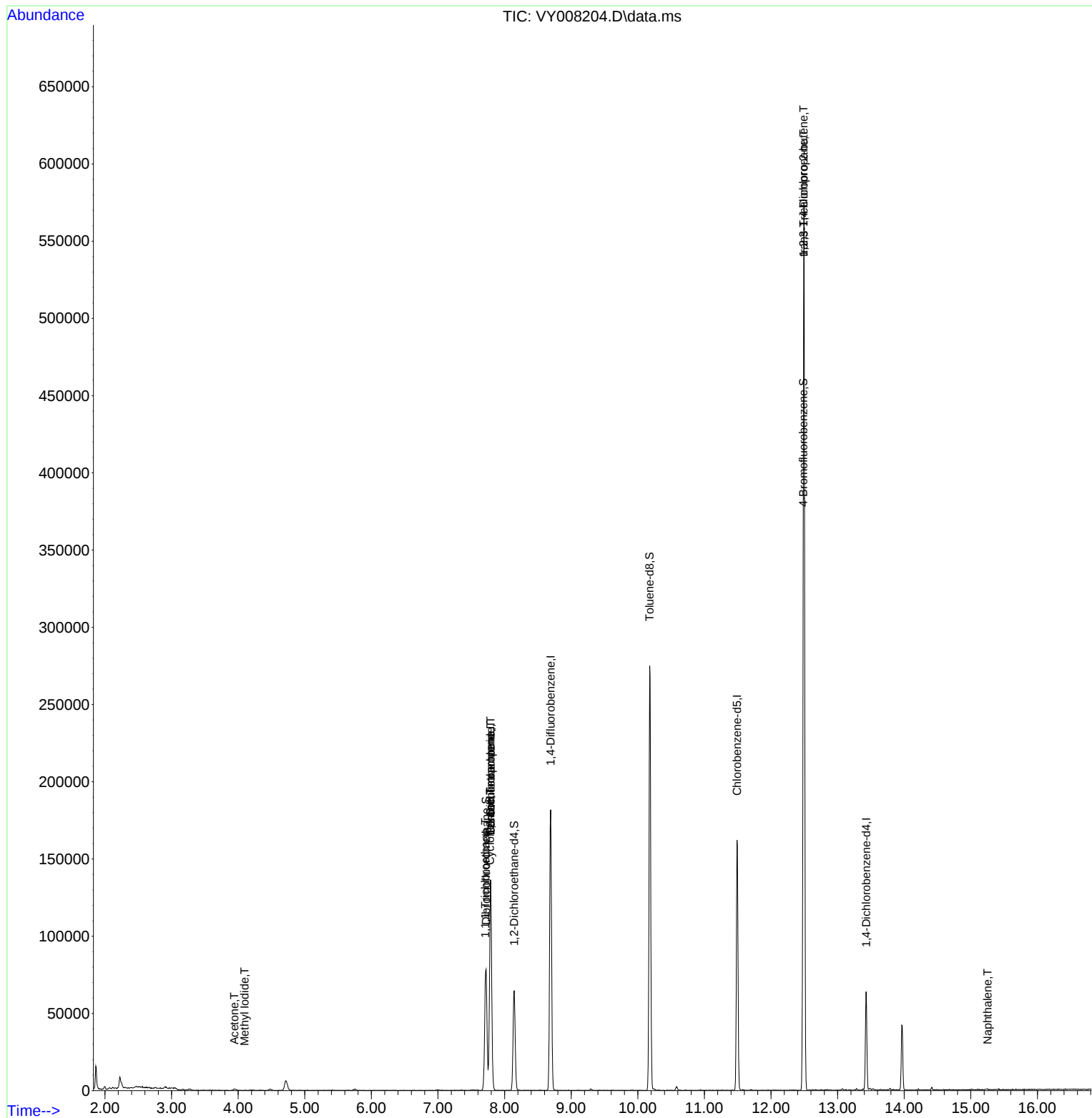
Internal Standards						
1) Pentafluorobenzene	7.789	168	104892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	93847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48394	45.985	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.980%		
35) Dibromofluoromethane	7.722	113	56390	53.776	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.560%		
50) Toluene-d8	10.179	98	187507	47.462	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.920%		
62) 4-Bromofluorobenzene	12.483	95	24898	17.863	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	35.720%		
Target Compounds						Qvalue
10) Methyl Iodide	4.094	142	77	1.750	ug/l #	35
16) Acetone	3.942	43	1657	6.889	ug/l #	87
18) Methyl Acetate	4.479	43	1487	Below Cal	#	78
20) Methylene Chloride	4.716	84	5191	Below Cal	#	72
31) Cyclohexane	7.783	56	2252	1.145	ug/l #	11
32) 1,1,1-Trichloroethane	7.710	97	2405	1.153	ug/l #	50
36) 1,1-Dichloropropene	7.789	75	7748	4.704	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10476	5.836	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	17466	88.368	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	17466	197.164	ug/l #	11
95) Naphthalene	15.251	128	749	1.056	ug/l #	78

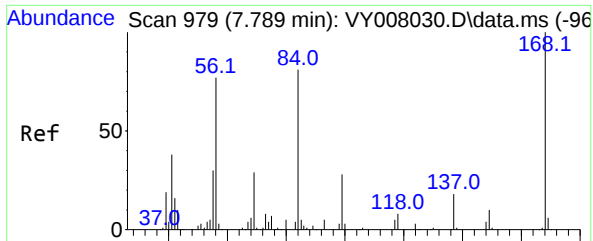
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
Data File : VY008204.D
Acq On : 05 Apr 2022 13:06
Operator : SY/MD
Sample : N2220-16RE
Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

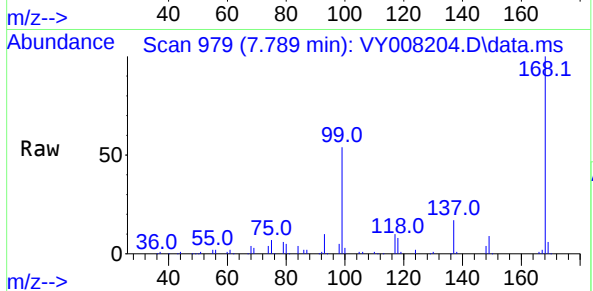
Quant Time: Apr 06 03:56:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



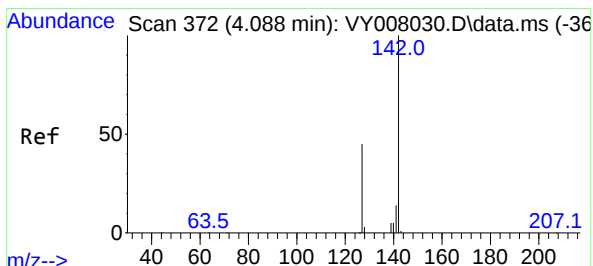
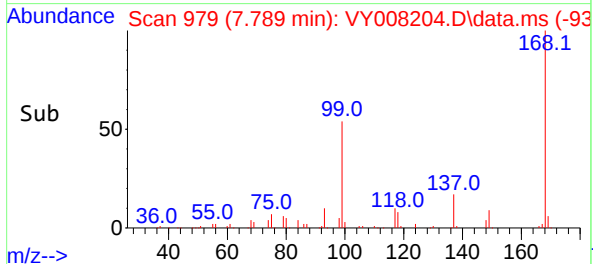
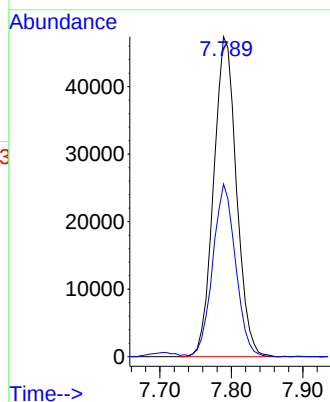


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

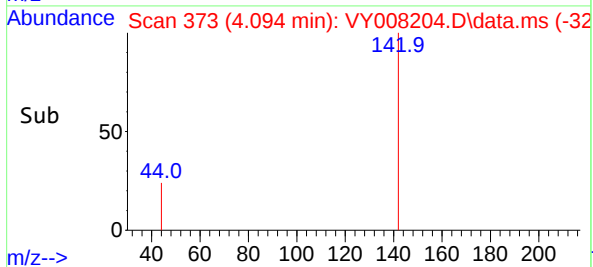
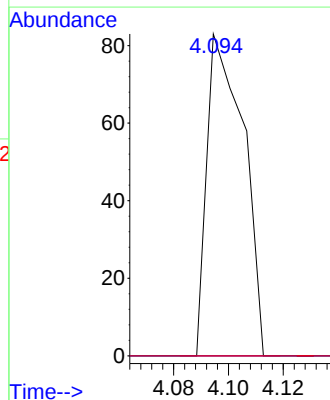
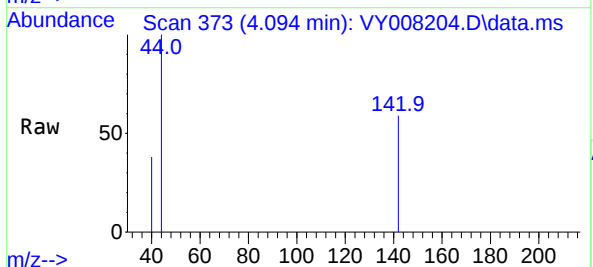


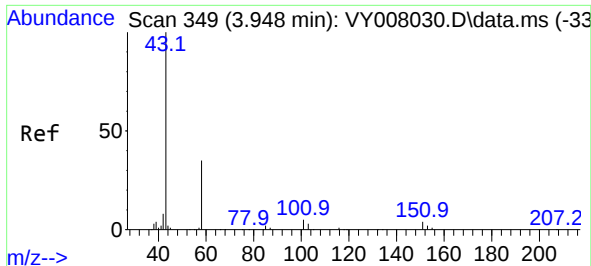
Tgt Ion:168 Resp: 104892
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.750 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

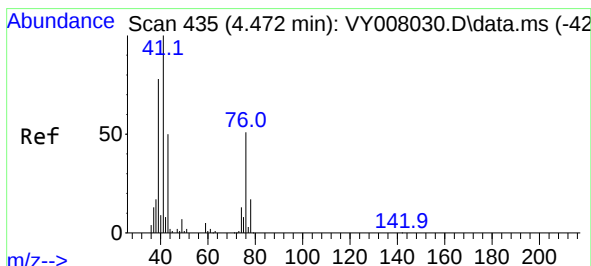
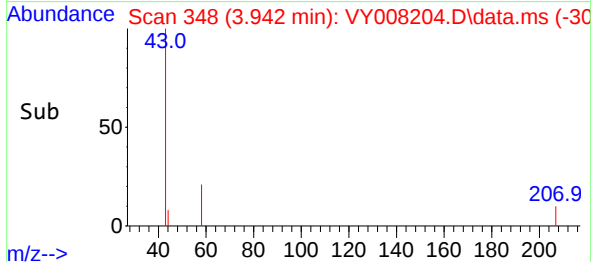
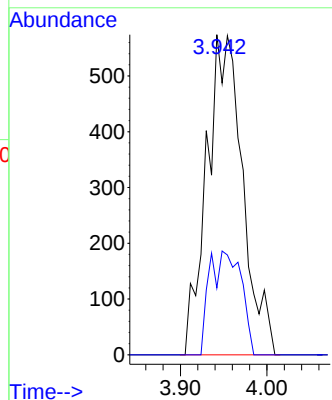
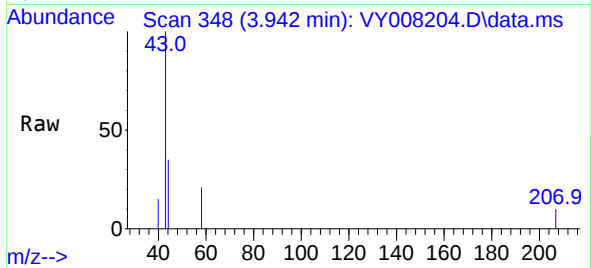




#16
Acetone
Concen: 6.889 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

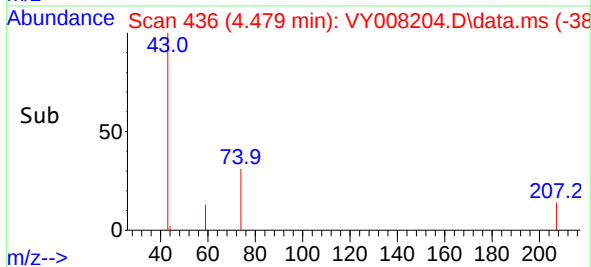
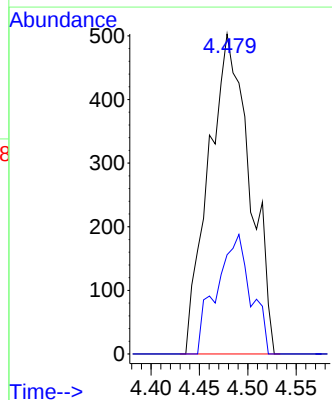
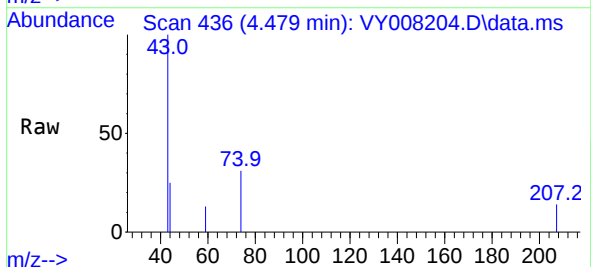
Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

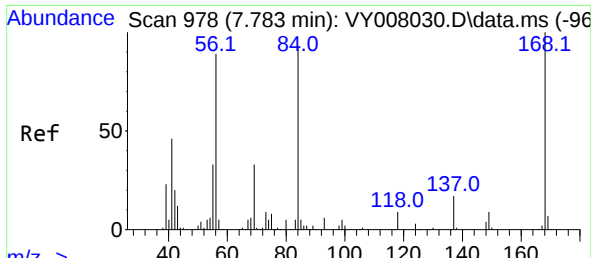
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 20.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

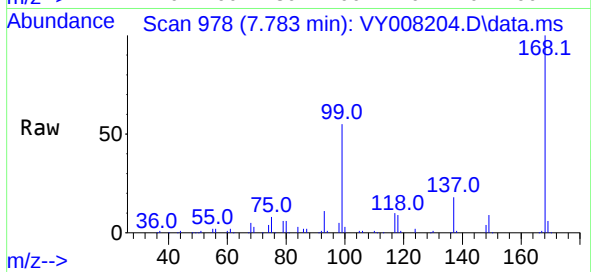
Tgt Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
74 31.1 16.6 24.8#



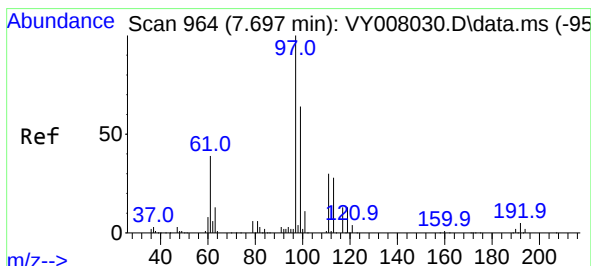
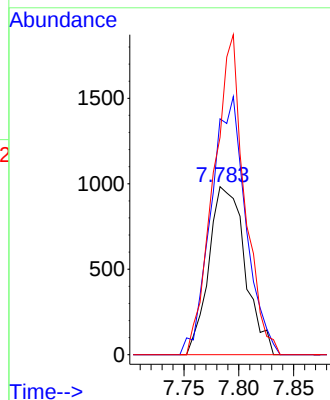
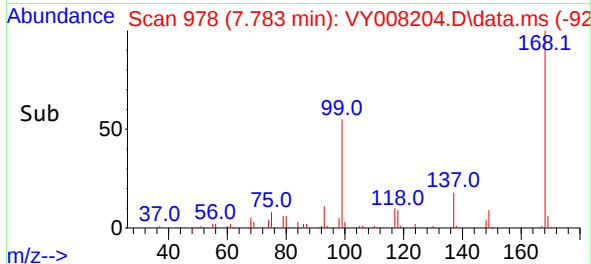


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

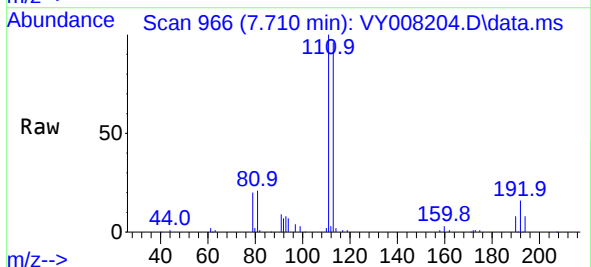
Instrument :
MSVOA_Y
ClientSampleId :
A09015RE



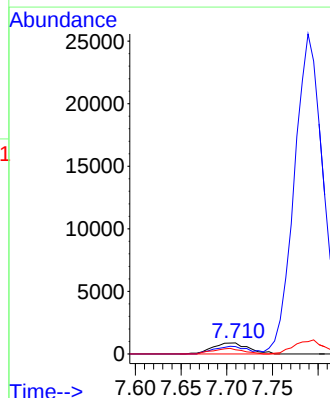
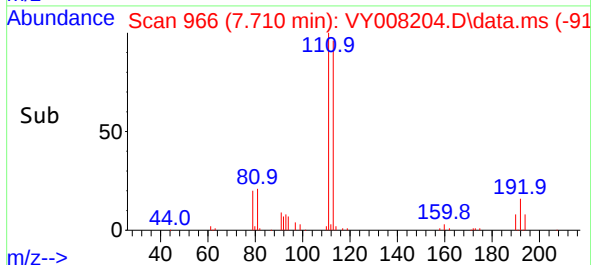
Tgt Ion: 56 Resp: 2252
Ion Ratio Lower Upper
56 100
69 140.4 26.7 40.1#
84 129.3 67.2 100.8#

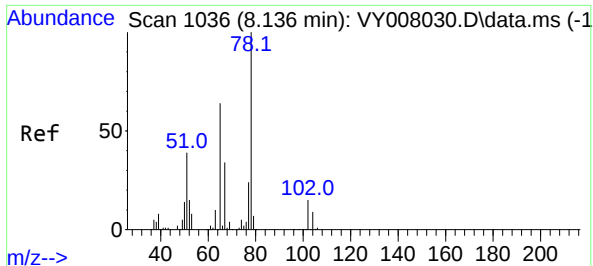


#32
1,1,1-Trichloroethane
Concen: 1.153 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.013 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06



Tgt Ion: 97 Resp: 2405
Ion Ratio Lower Upper
97 100
99 0.0 50.7 76.1#
61 41.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.985 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008204.D

Acq: 05 Apr 2022 13:06

Instrument :

MSVOA_Y

ClientSampleId :

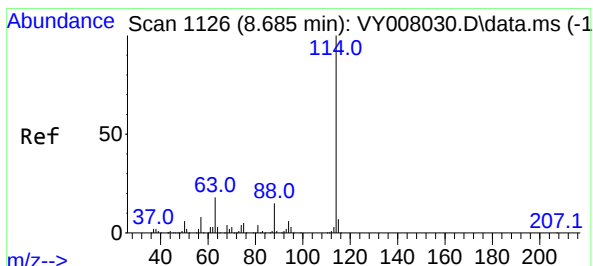
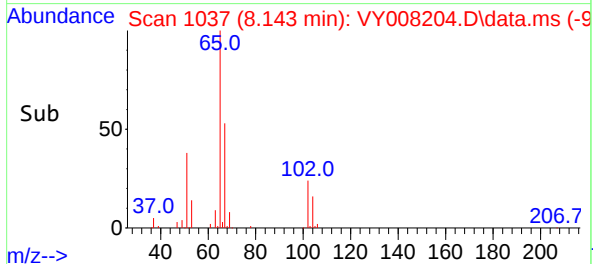
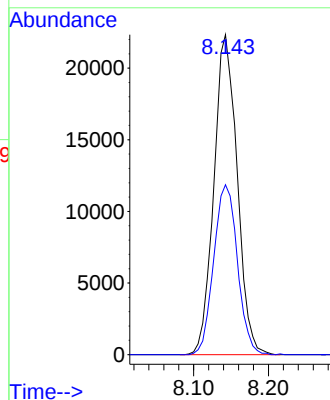
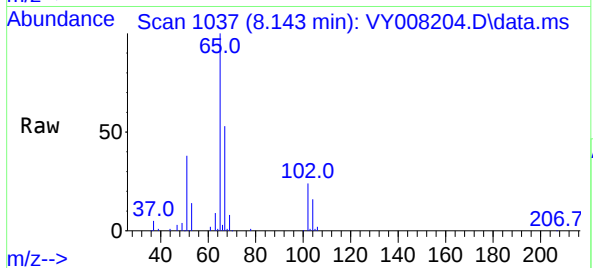
A09015RE

Tgt Ion: 65 Resp: 48394

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008204.D

Acq: 05 Apr 2022 13:06

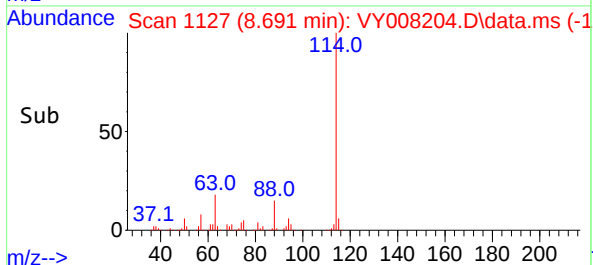
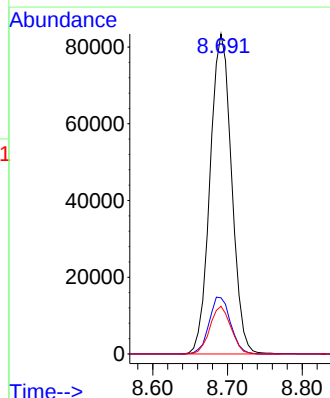
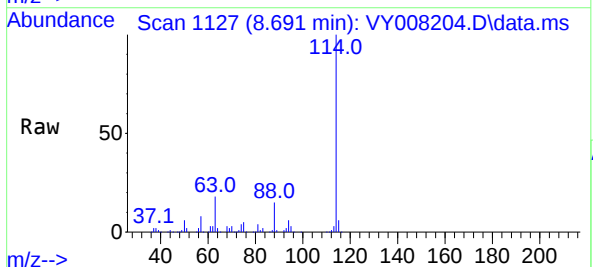
Tgt Ion: 114 Resp: 167250

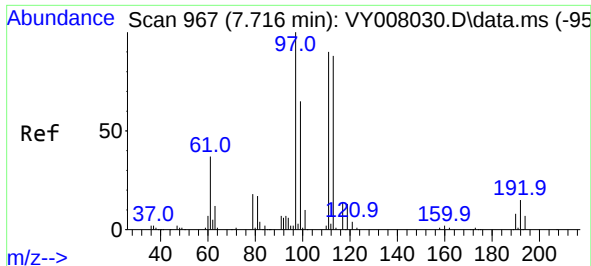
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.9 0.0 31.8

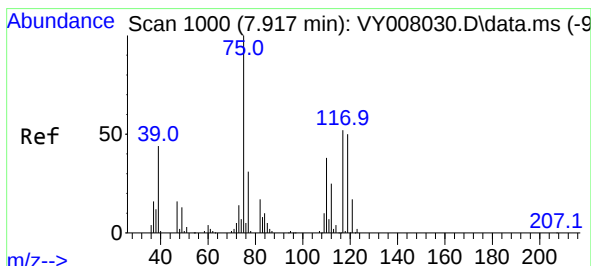
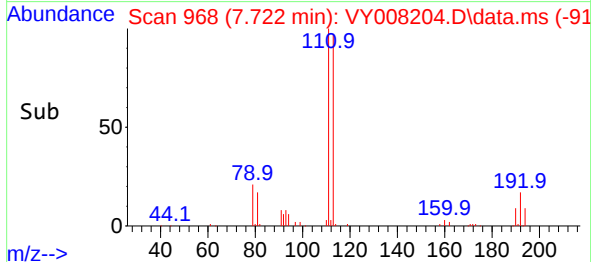
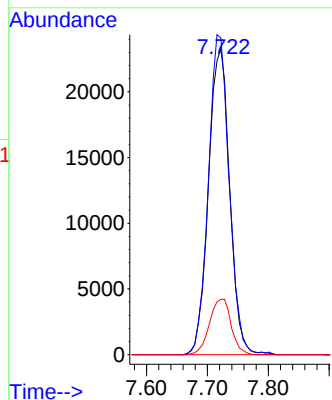
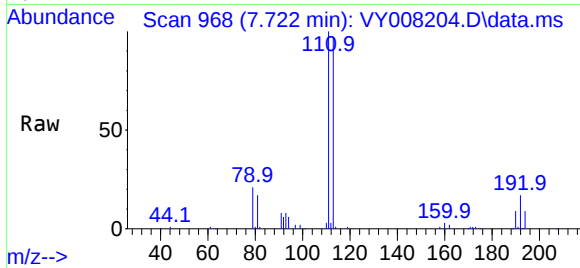




#35
Dibromofluoromethane
Concen: 53.776 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

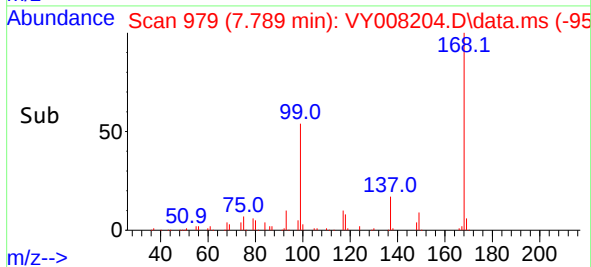
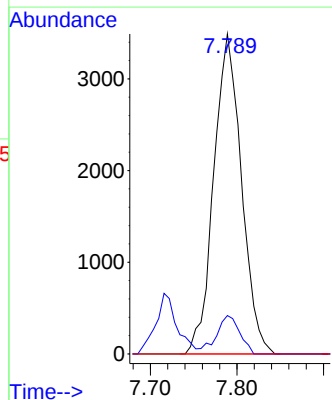
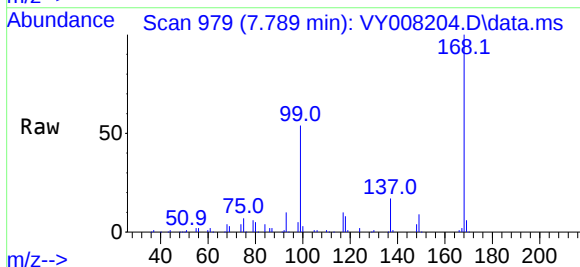
Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

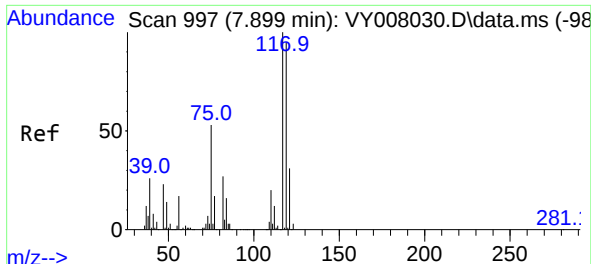
Tgt Ion:113 Resp: 56390
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion: 75 Resp: 7748
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#

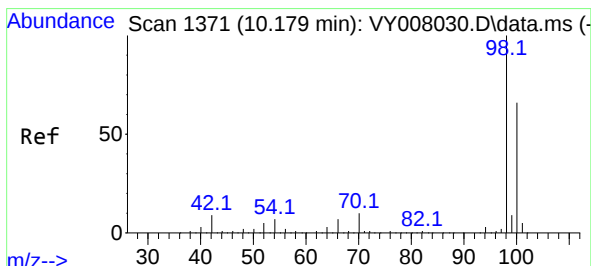
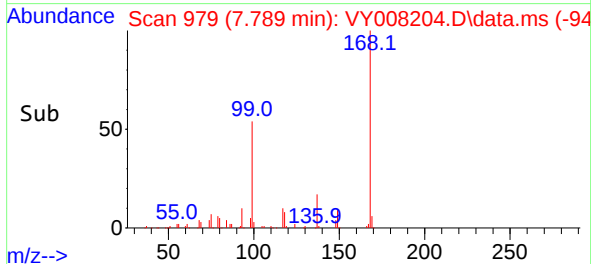
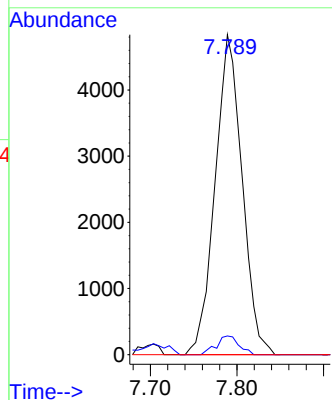
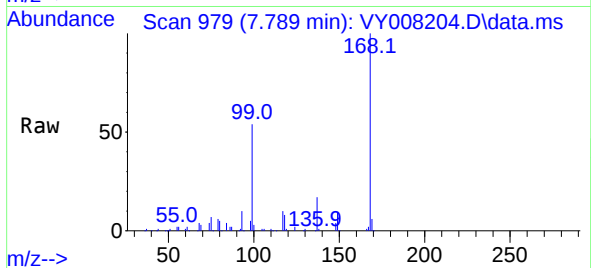




#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

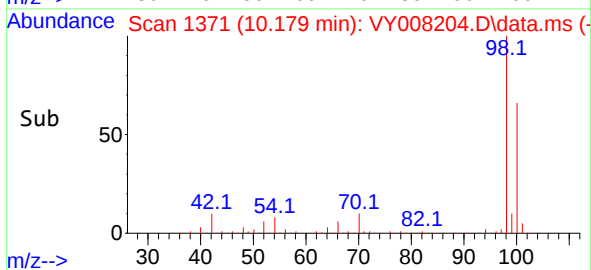
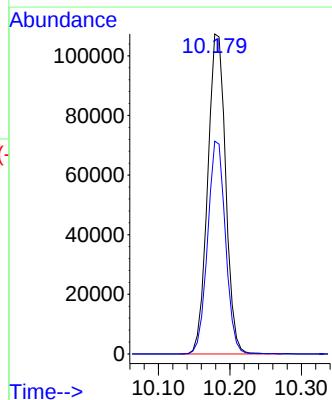
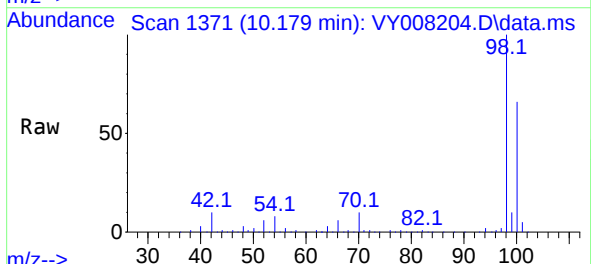
Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

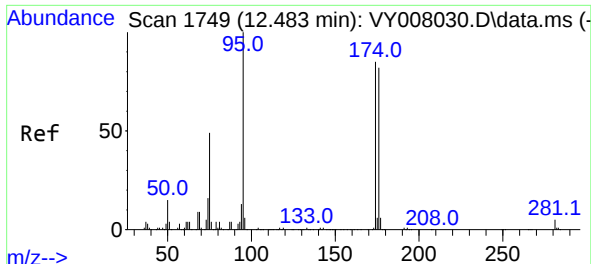
Tgt Ion:117 Resp: 10476
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.462 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion: 98 Resp: 187507
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

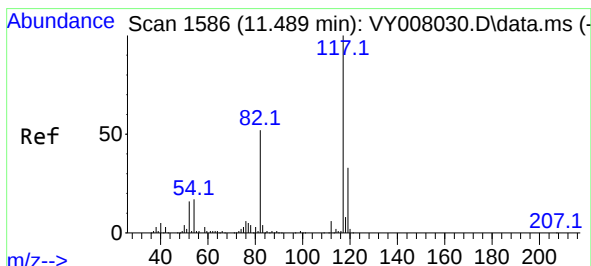
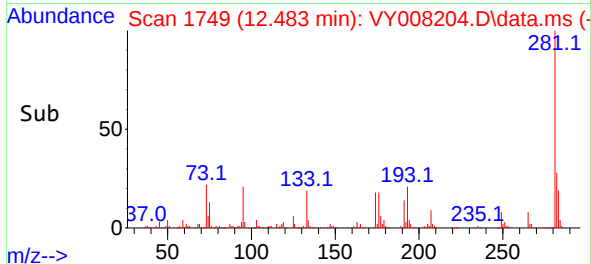
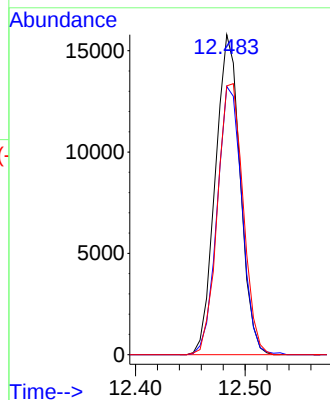
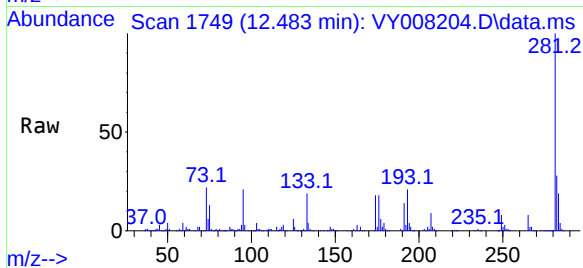




#62
4-Bromofluorobenzene
Concen: 17.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

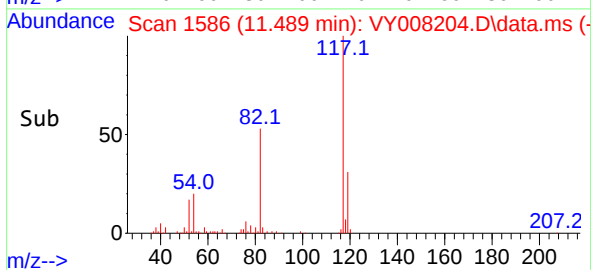
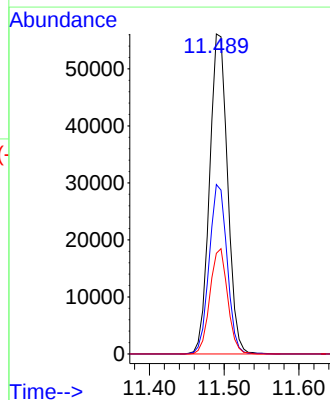
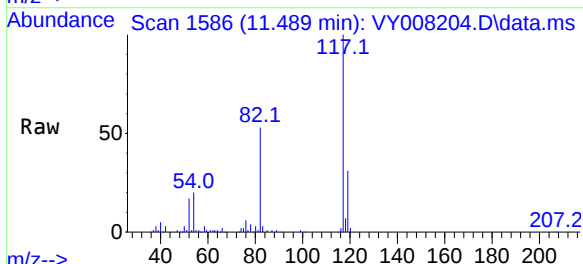
Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

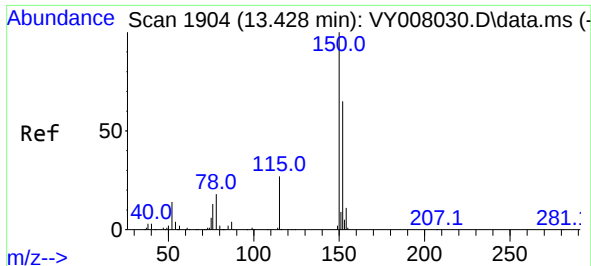
Tgt Ion: 95 Resp: 24898
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 87.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion: 117 Resp: 93847
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.4 25.4 38.0

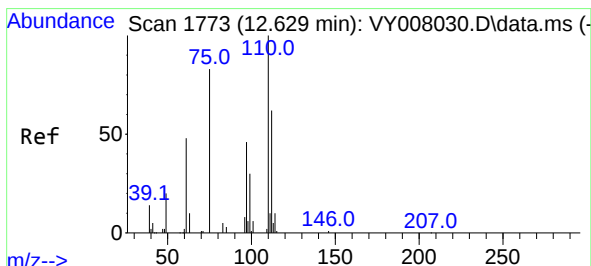
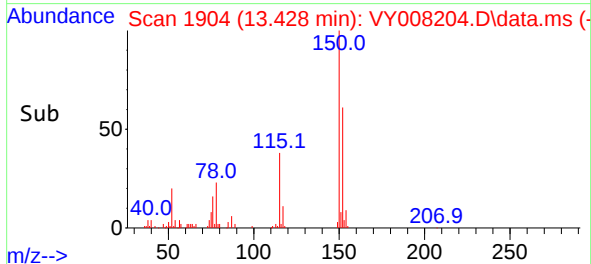
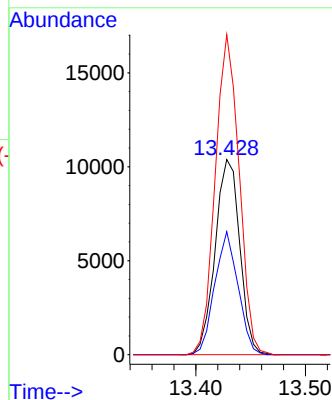
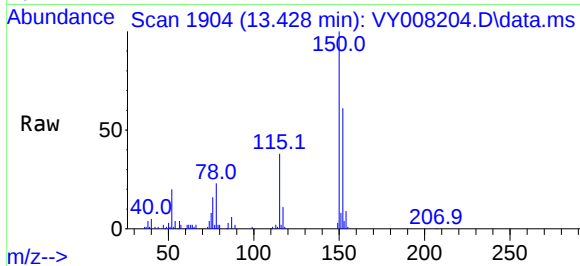




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008204.D
 Acq: 05 Apr 2022 13:06

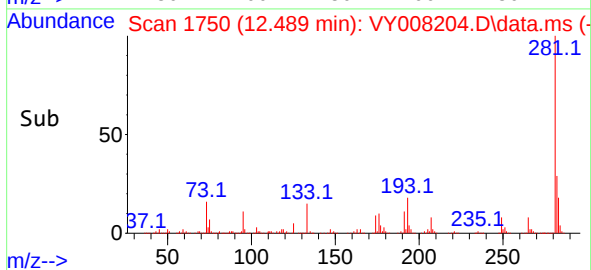
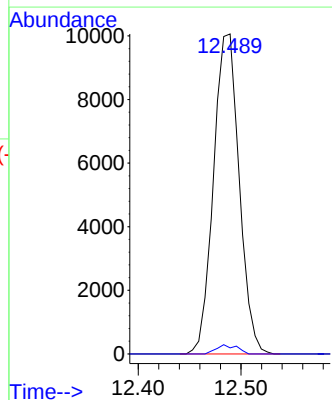
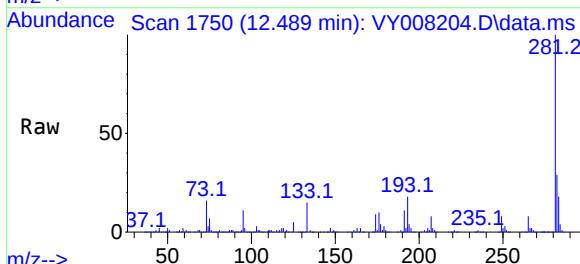
Instrument :
 MSVOA_Y
 ClientSampleId :
 A09015RE

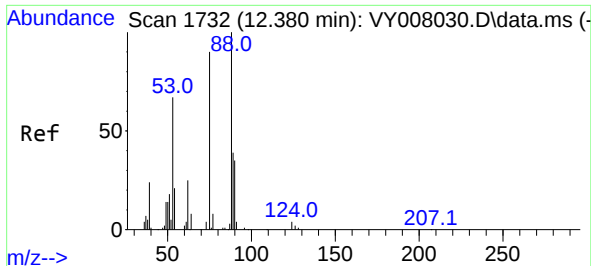
Tgt Ion:152 Resp: 16214
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.2 84.7
 150 159.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 88.368 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VY008204.D
 Acq: 05 Apr 2022 13:06

Tgt Ion: 75 Resp: 17466
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#

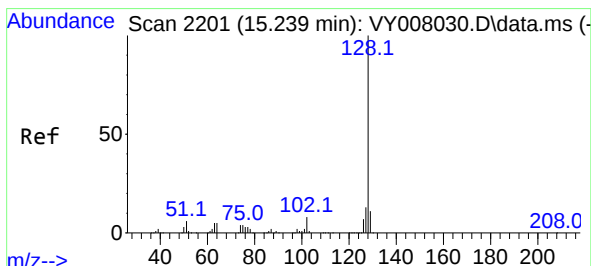
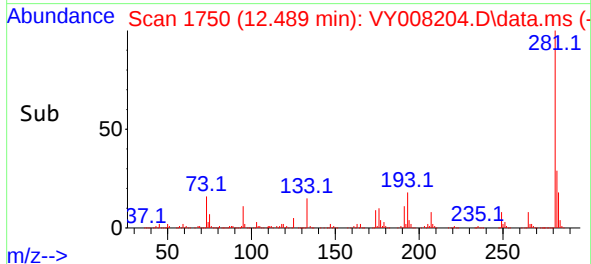
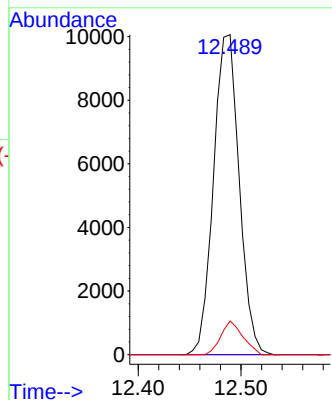
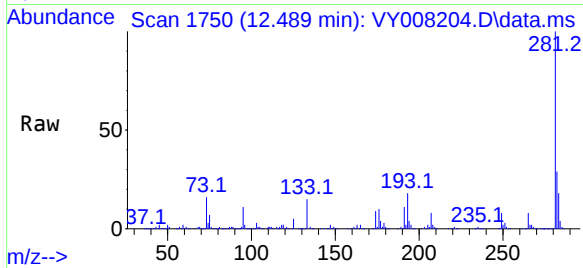




#81
trans-1,4-Dichloro-2-butene
Concen: 197.164 ug/l
RT: 12.489 min Scan# 1732
Delta R.T. 0.109 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

Tgt Ion: 75 Resp: 17466
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 9.0 37.0 55.4#



#95
Naphthalene
Concen: 1.056 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion:128 Resp: 749
Ion Ratio Lower Upper
128 100
127 6.9 11.0 16.4#
129 0.0 8.4 12.6#

