

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008205.D
 Acq On : 05 Apr 2022 13:30
 Operator : SY/MD
 Sample : N2220-17RE
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09145RE

Quant Time: Apr 06 03:56:37 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)

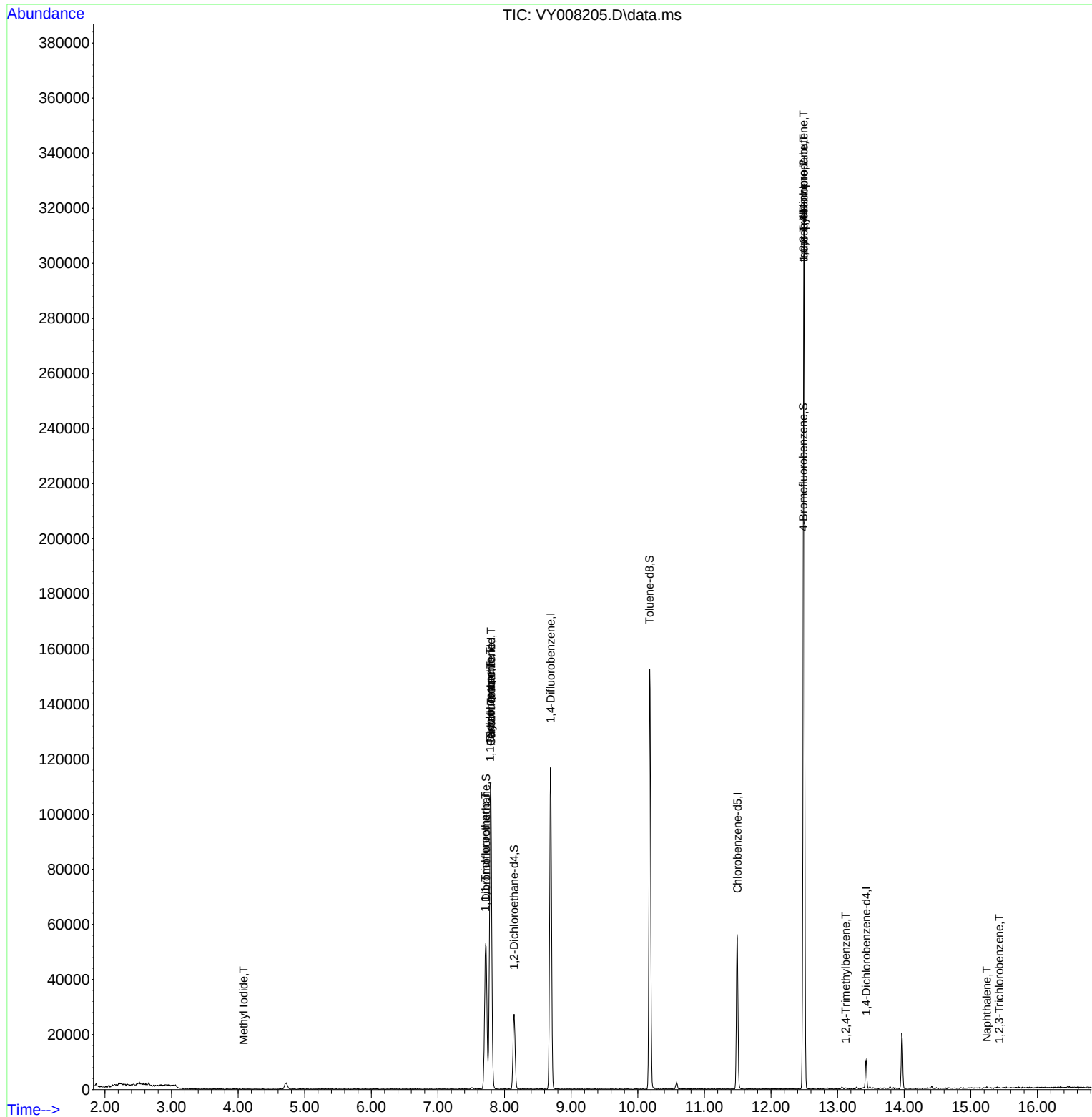
Internal Standards						
1) Pentafluorobenzene	7.795	168	90421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	31820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	20918	23.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.120%#
35) Dibromofluoromethane	7.722	113	36925	55.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.000%
50) Toluene-d8	10.179	98	103079	41.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.260%
62) 4-Bromofluorobenzene	12.483	95	5827	6.589	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	13.180%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	25	1.717	ug/l #	35
18) Methyl Acetate	4.485	43	47	Below Cal	#	56
20) Methylene Chloride	4.723	84	2043	Below Cal	#	78
31) Cyclohexane	7.789	56	1872	1.104	ug/l #	13
32) 1,1,1-Trichloroethane	7.710	97	3516	1.955	ug/l	94
36) 1,1-Dichloropropene	7.783	75	6794	6.501	ug/l #	51
38) Carbon Tetrachloride	7.795	117	8954	7.862	ug/l #	16
73) Isopropylbenzene	12.489	105	745	3.157	ug/l #	61
76) 1,2,3-Trichloropropane	12.489	75	5543	159.047	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	5543	354.859	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.123	105	208	1.105	ug/l	93
95) Naphthalene	15.239	128	388	3.101	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.428	180	112	2.287	ug/l #	26

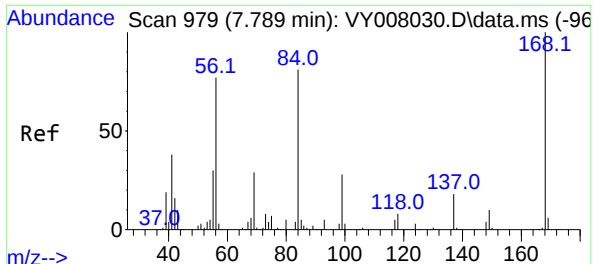
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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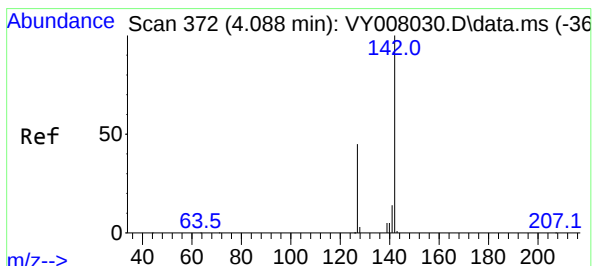
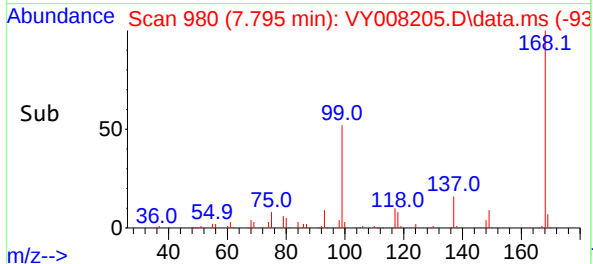
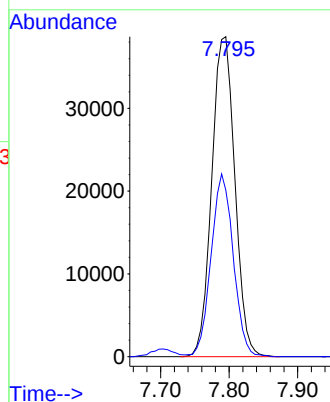
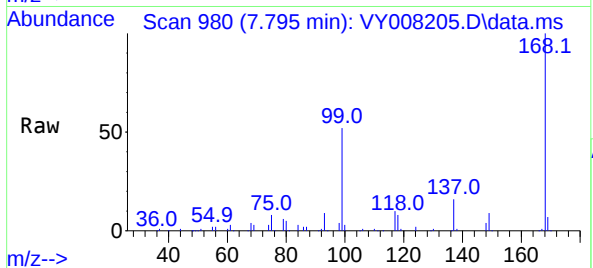




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

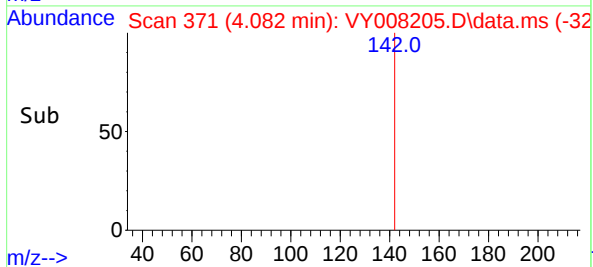
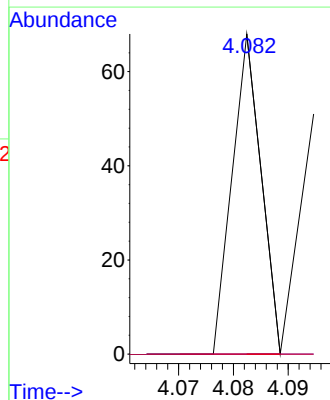
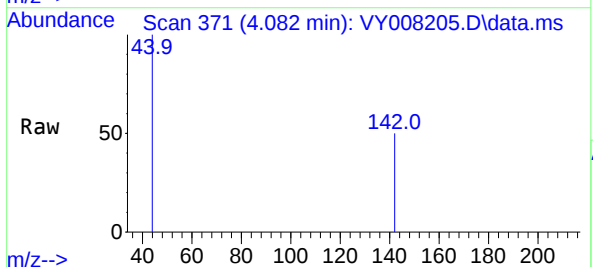
Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

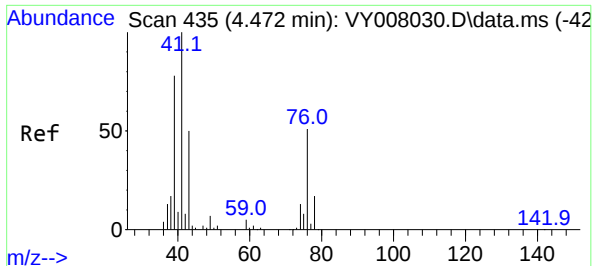
Tgt Ion:168 Resp: 90421
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.717 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

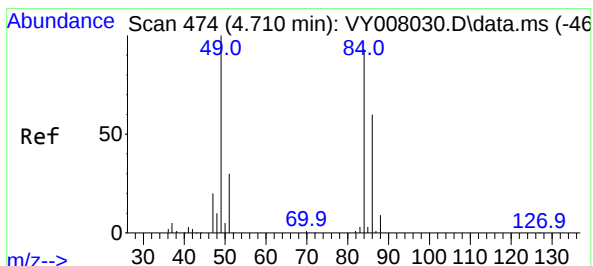
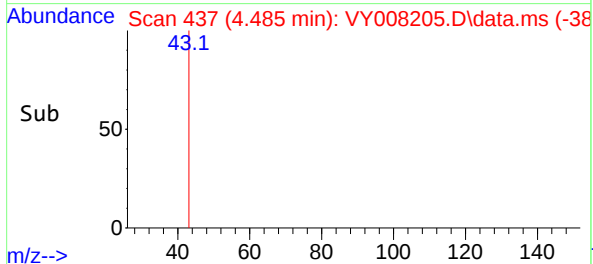
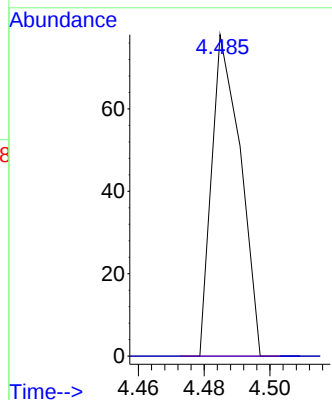
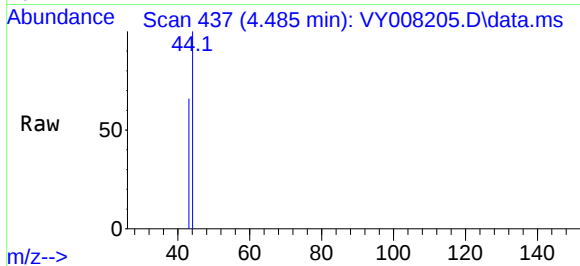




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

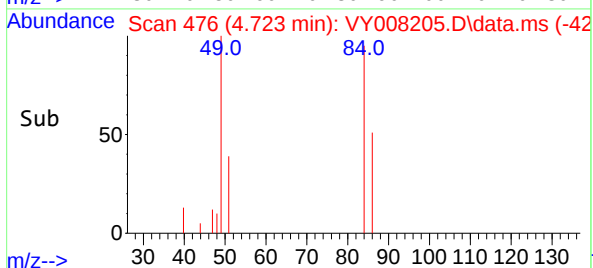
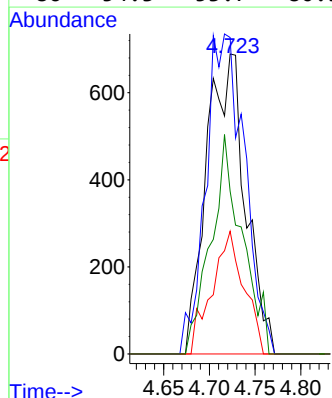
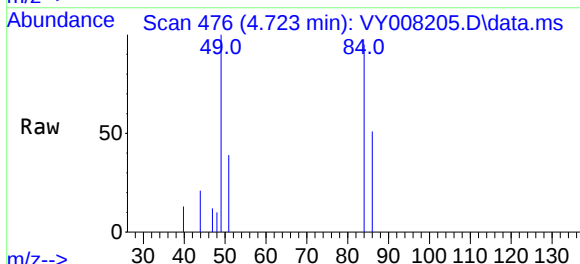
Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

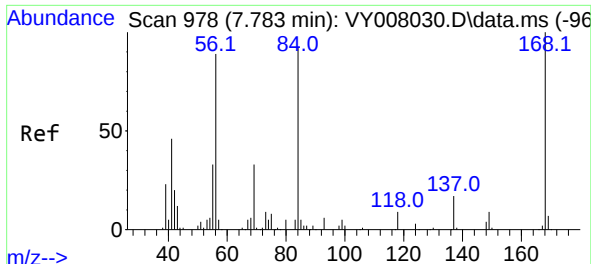
Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

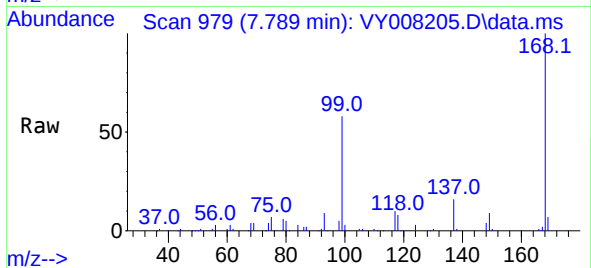
Tgt Ion: 84 Resp: 2043
Ion Ratio Lower Upper
84 100
49 105.5 114.4 171.6#
51 40.9 35.3 52.9
86 54.3 53.7 80.5





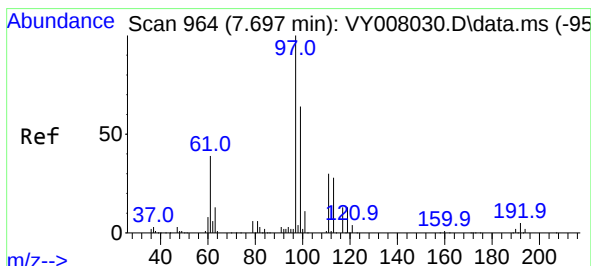
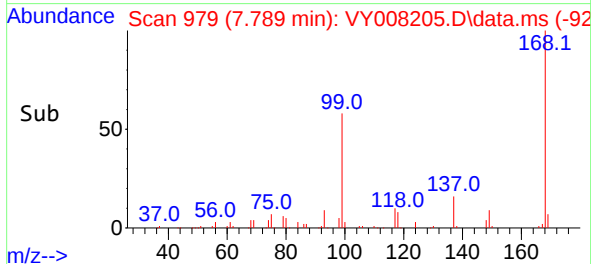
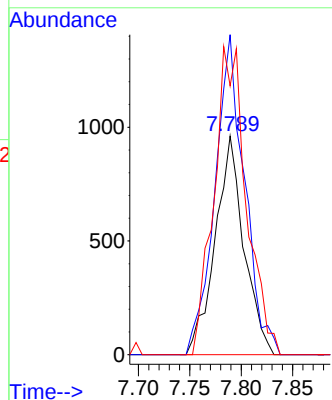
#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
A09145RE



Tgt Ion: 56 Resp: 1872

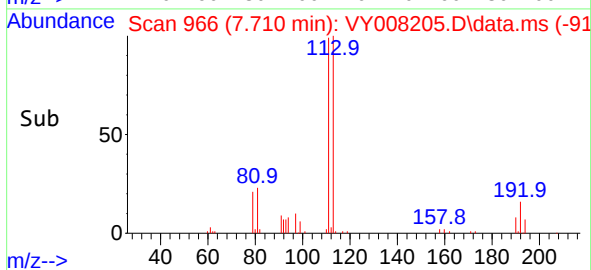
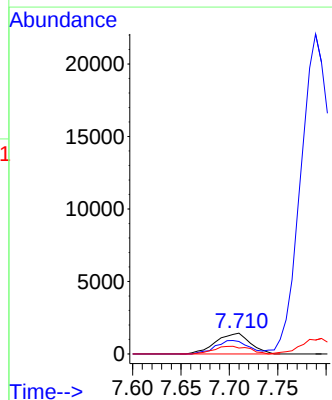
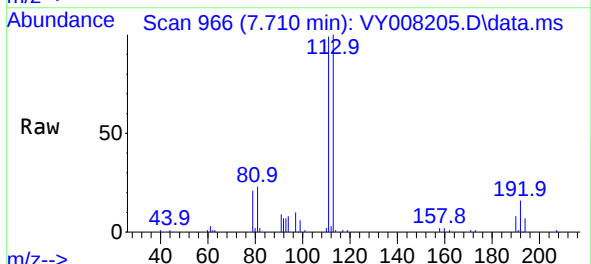
Ion	Ratio	Lower	Upper
56	100		
69	146.4	26.7	40.1#
84	123.0	67.2	100.8#

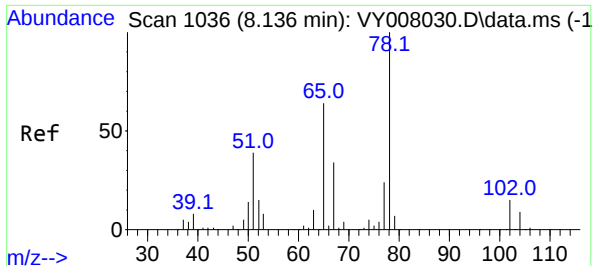


#32
1,1,1-Trichloroethane
Concen: 1.955 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.013 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion: 97 Resp: 3516

Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.7	76.1
61	38.2	37.6	56.4

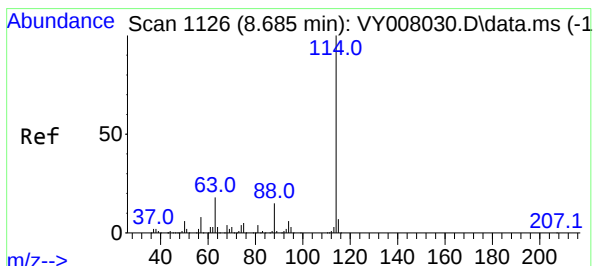
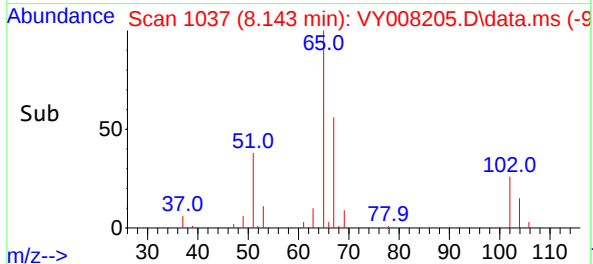
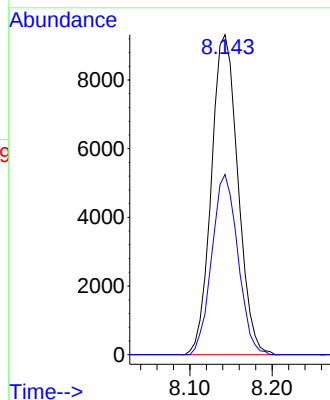
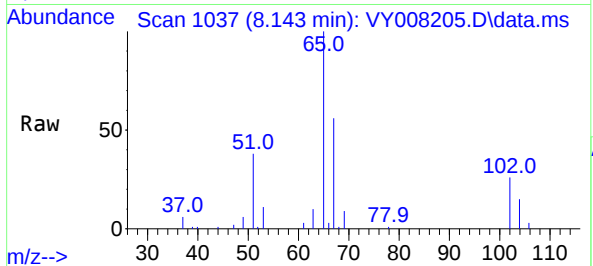




#33
1,2-Dichloroethane-d4
Concen: 23.058 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

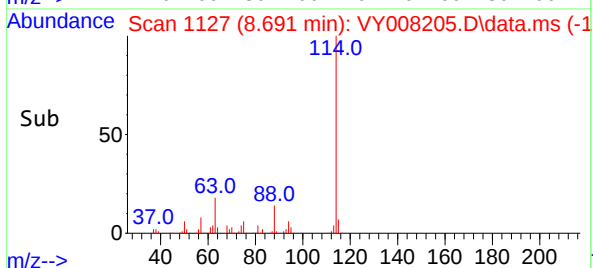
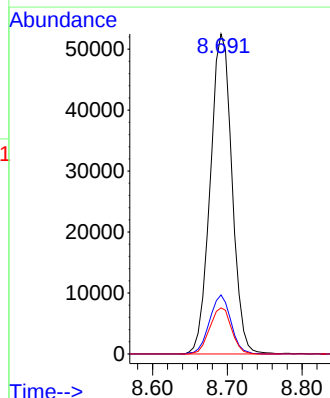
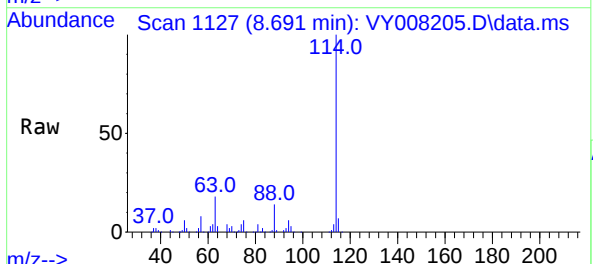
Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

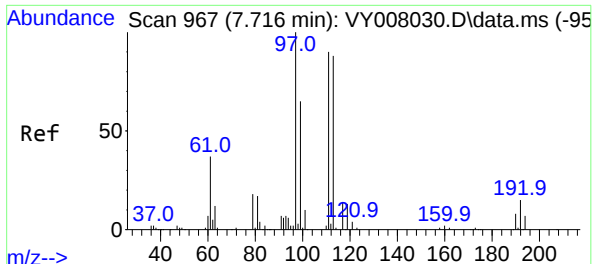
Tgt Ion: 65 Resp: 20918
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion: 114 Resp: 106111
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.502 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY008205.D

Acq: 05 Apr 2022 13:30

Instrument :

MSVOA_Y

ClientSampleId :

A09145RE

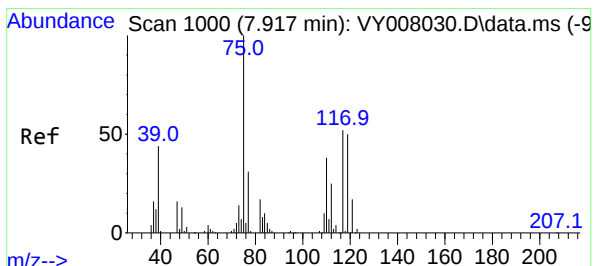
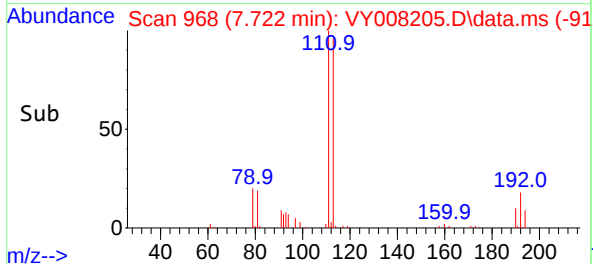
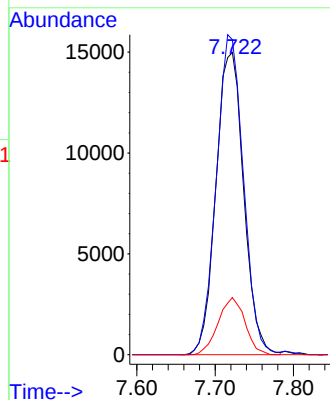
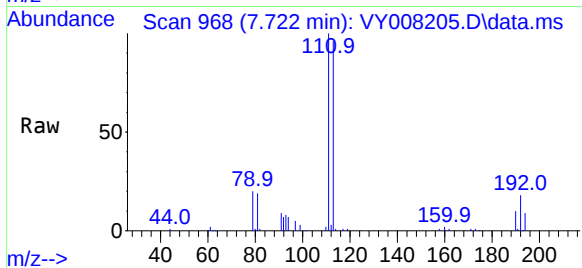
Tgt Ion:113 Resp: 36925

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.2 17.6 26.4



#36

1,1-Dichloropropene

Concen: 6.501 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY008205.D

Acq: 05 Apr 2022 13:30

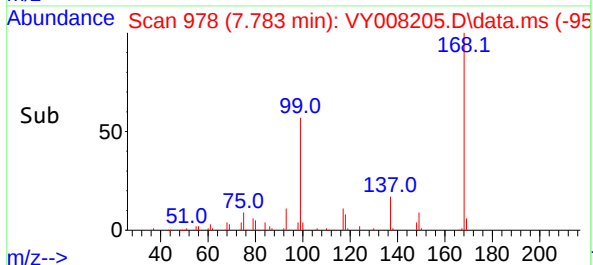
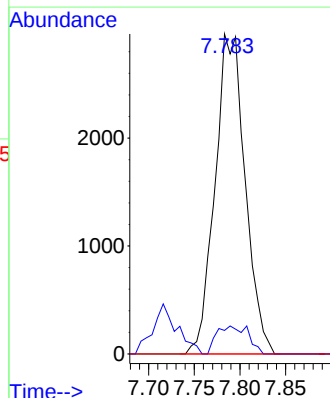
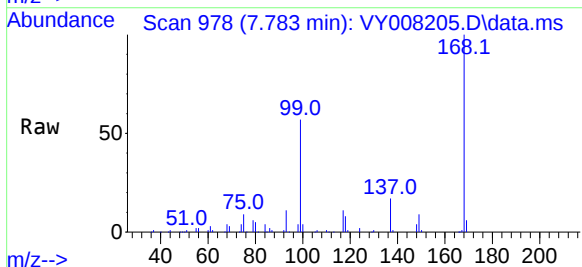
Tgt Ion: 75 Resp: 6794

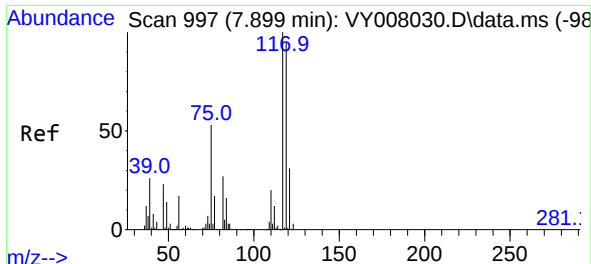
Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#

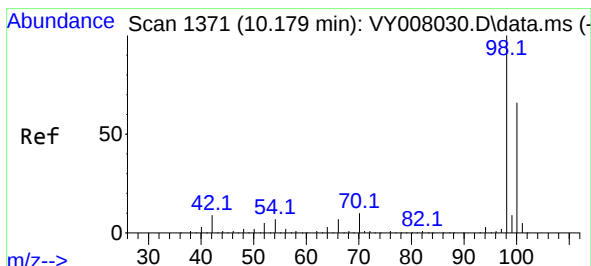
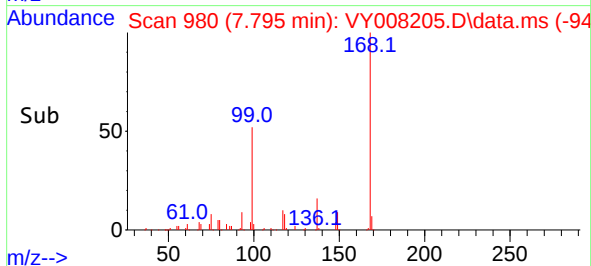
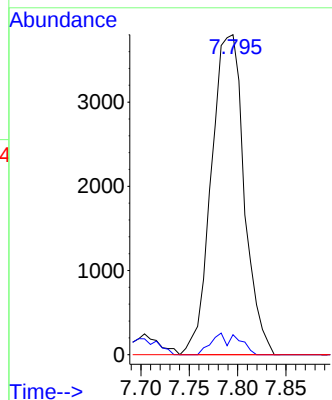
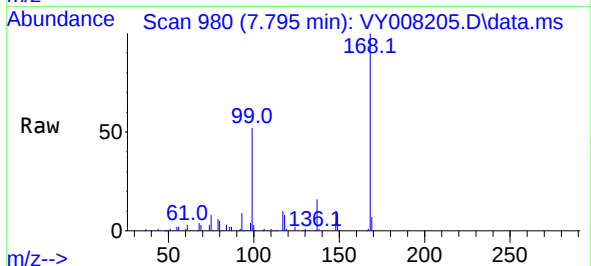




#38
Carbon Tetrachloride
Concen: 7.862 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

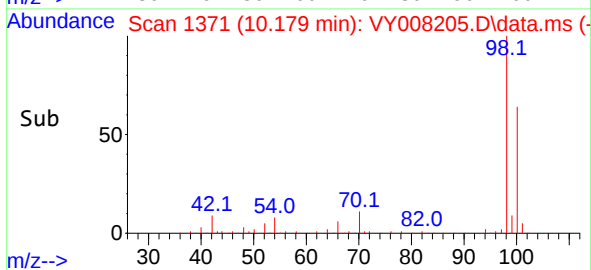
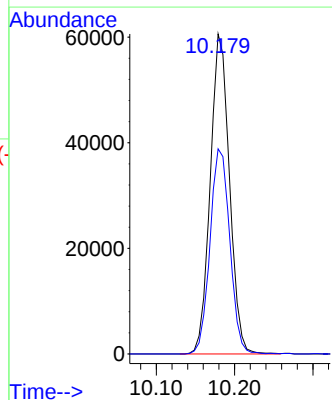
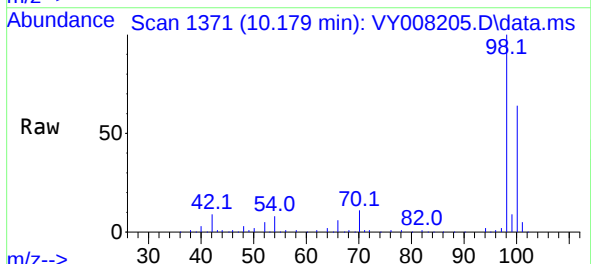
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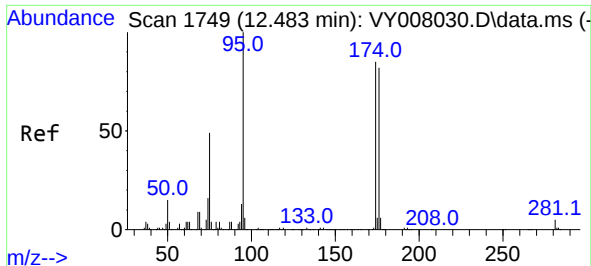
Tgt Ion:117 Resp: 8954
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 41.125 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion: 98 Resp: 103079
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

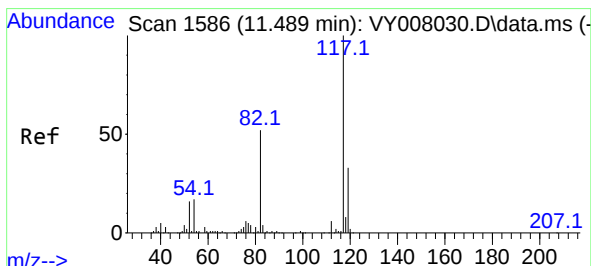
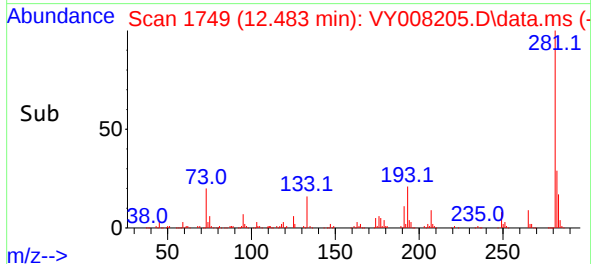
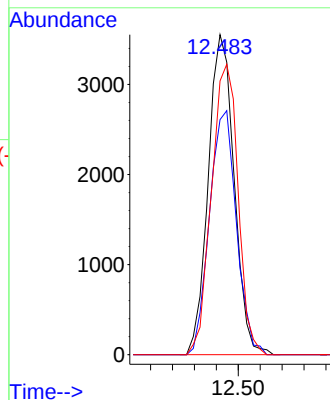
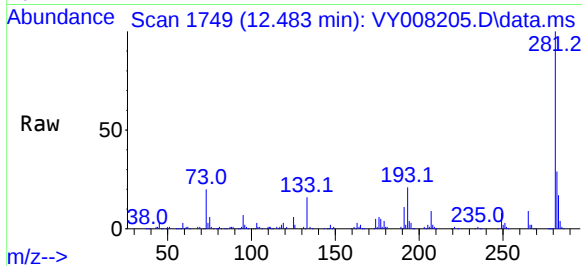




#62
4-Bromofluorobenzene
Concen: 6.589 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

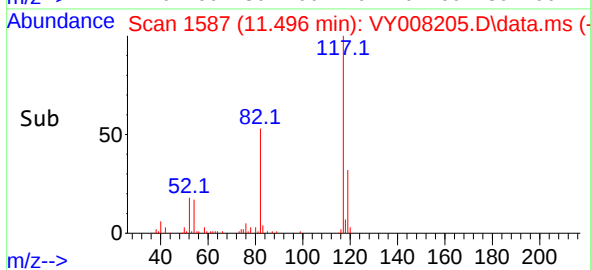
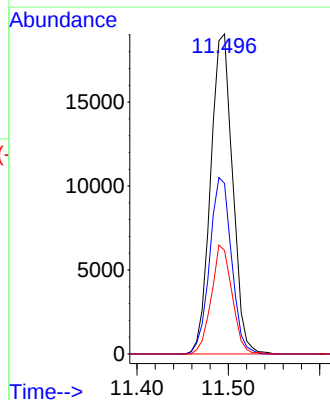
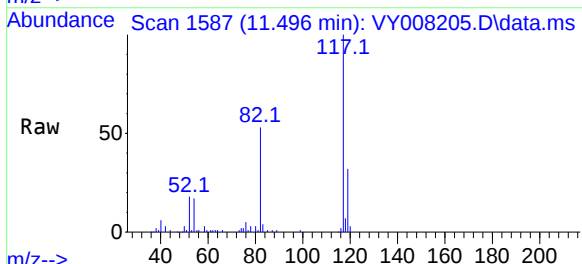
Instrument :
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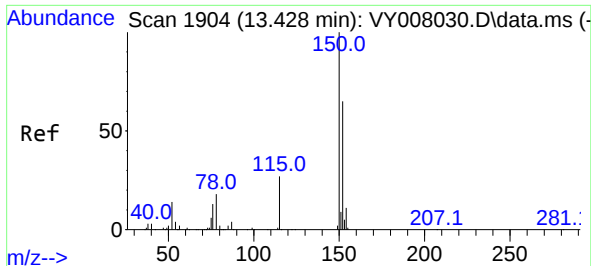
Tgt Ion:	95	Resp:	5827
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	177.0
176	93.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion:	117	Resp:	31820
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.0	64.4
119	32.4	25.4	38.0

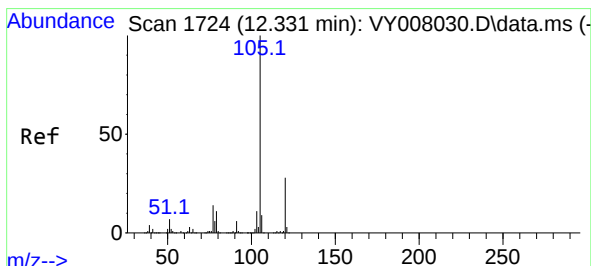
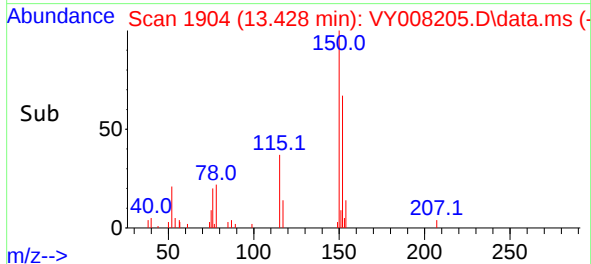
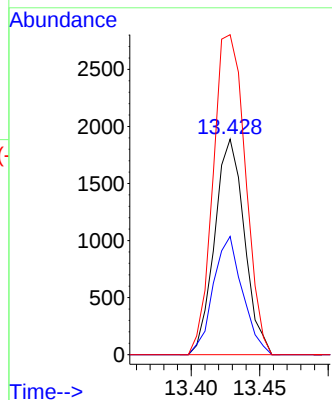
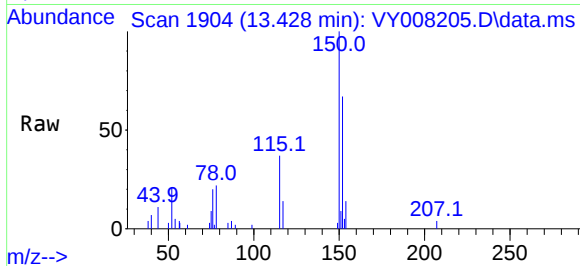




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008205.D
 Acq: 05 Apr 2022 13:30

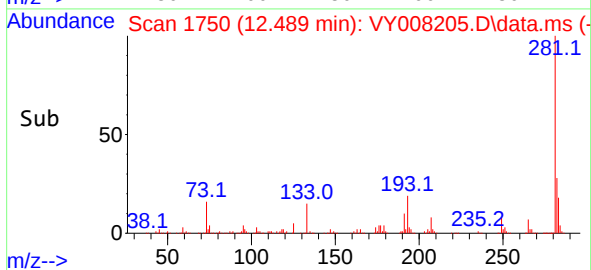
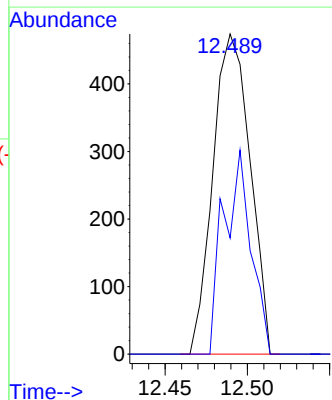
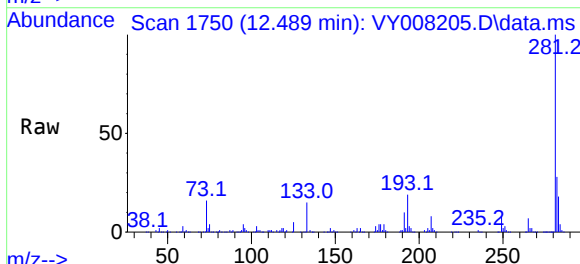
Instrument :
 MSVOA_Y
 ClientSampleId :
 A09145RE

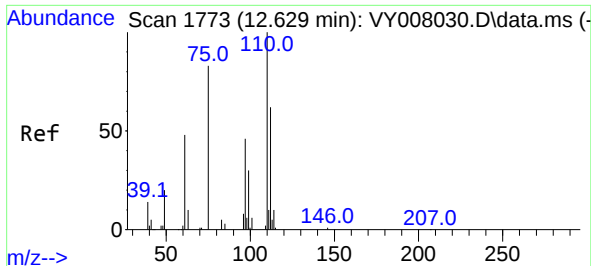
Tgt Ion:152 Resp: 2859
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.2 84.7
 150 160.9 0.0 347.6



#73
 Isopropylbenzene
 Concen: 3.157 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.158 min
 Lab File: VY008205.D
 Acq: 05 Apr 2022 13:30

Tgt Ion:105 Resp: 745
 Ion Ratio Lower Upper
 105 100
 120 47.0 13.4 40.2#

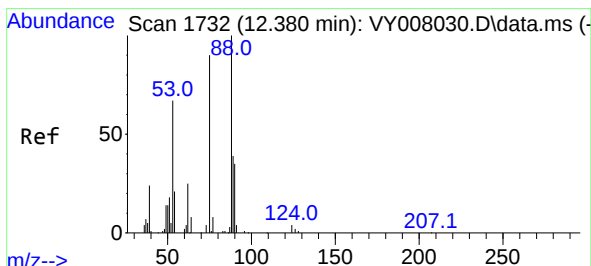
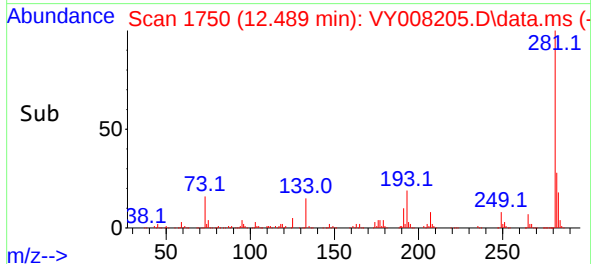
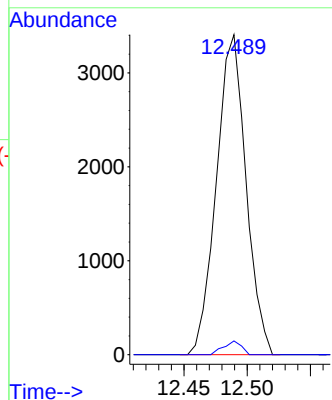
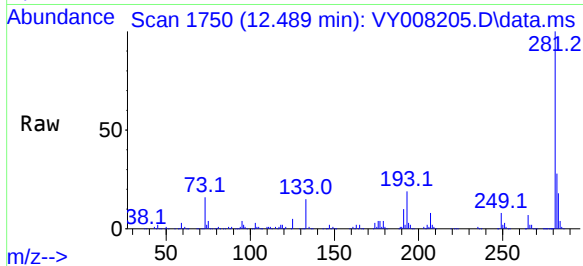




#76
1,2,3-Trichloropropane
Concen: 159.047 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

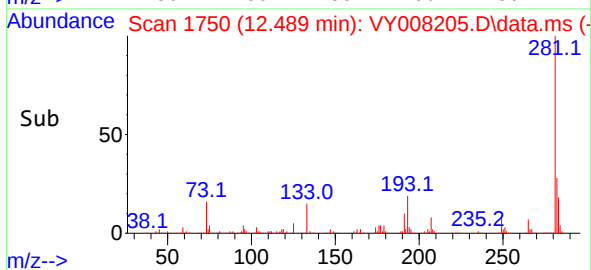
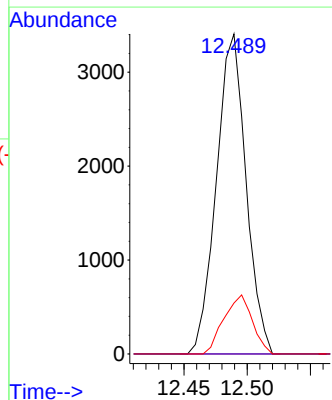
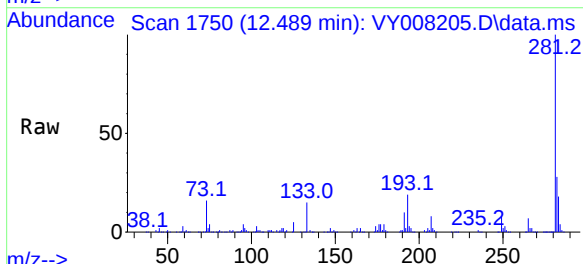
Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

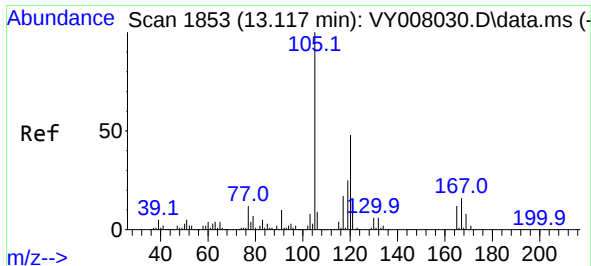
Tgt Ion: 75 Resp: 5543
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 354.859 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

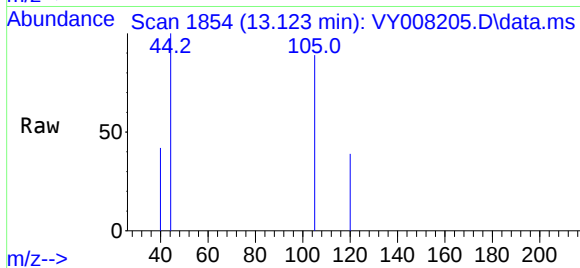
Tgt Ion: 75 Resp: 5543
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 17.7 37.0 55.4#



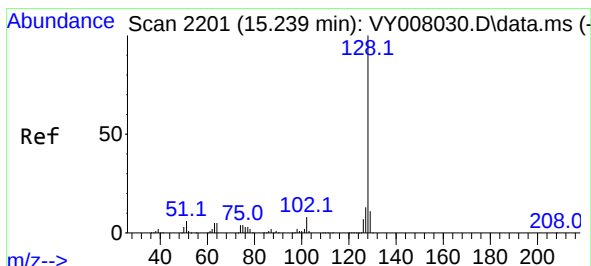
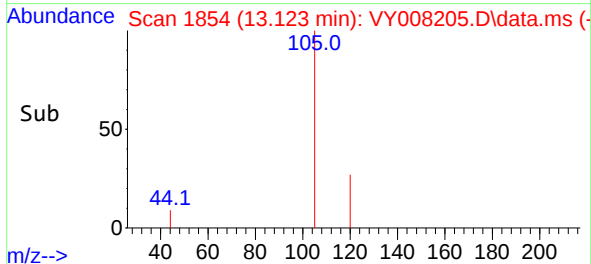
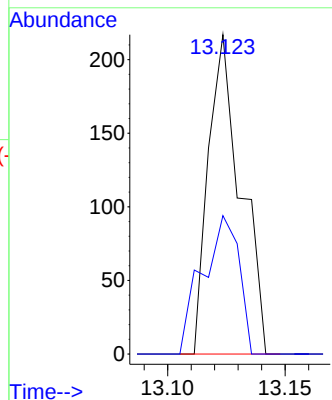


#84
1,2,4-Trimethylbenzene
Concen: 1.105 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

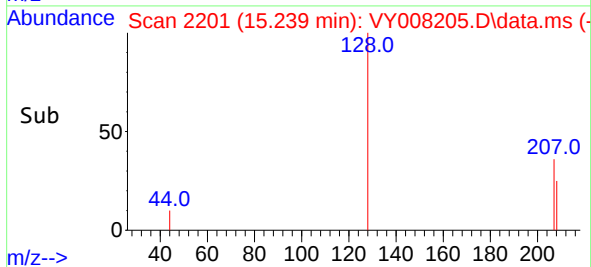
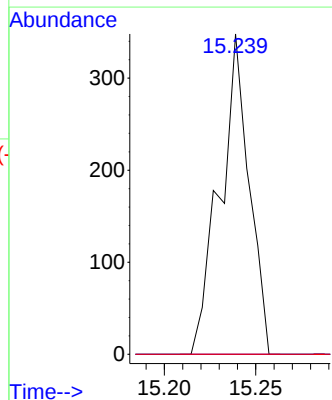
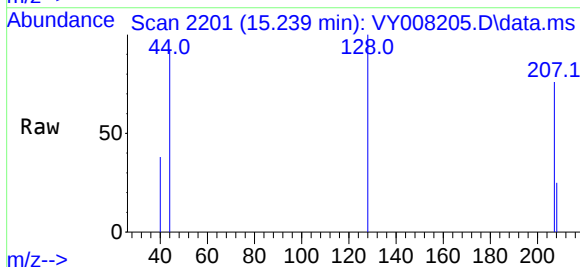


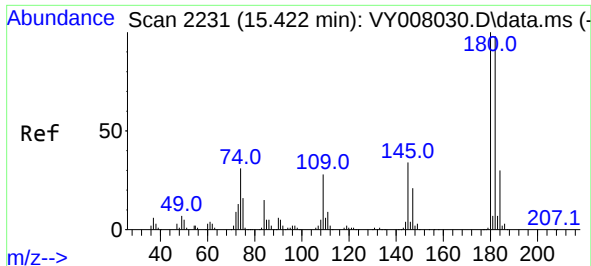
Tgt Ion:105 Resp: 208
Ion Ratio Lower Upper
105 100
120 49.0 22.3 66.9



#95
Naphthalene
Concen: 3.101 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

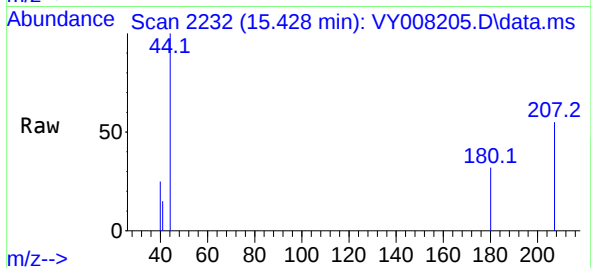
Tgt Ion:128 Resp: 388
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.287 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY008205.D
 Acq: 05 Apr 2022 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09145RE



Tgt Ion:180 Resp: 112
 Ion Ratio Lower Upper
 180 100
 182 17.0 47.3 141.9#
 145 0.0 15.3 45.9#

