

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008191.D
 Acq On : 04 Apr 2022 19:23
 Operator : SY/MD
 Sample : N2237-02
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:43:37 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)

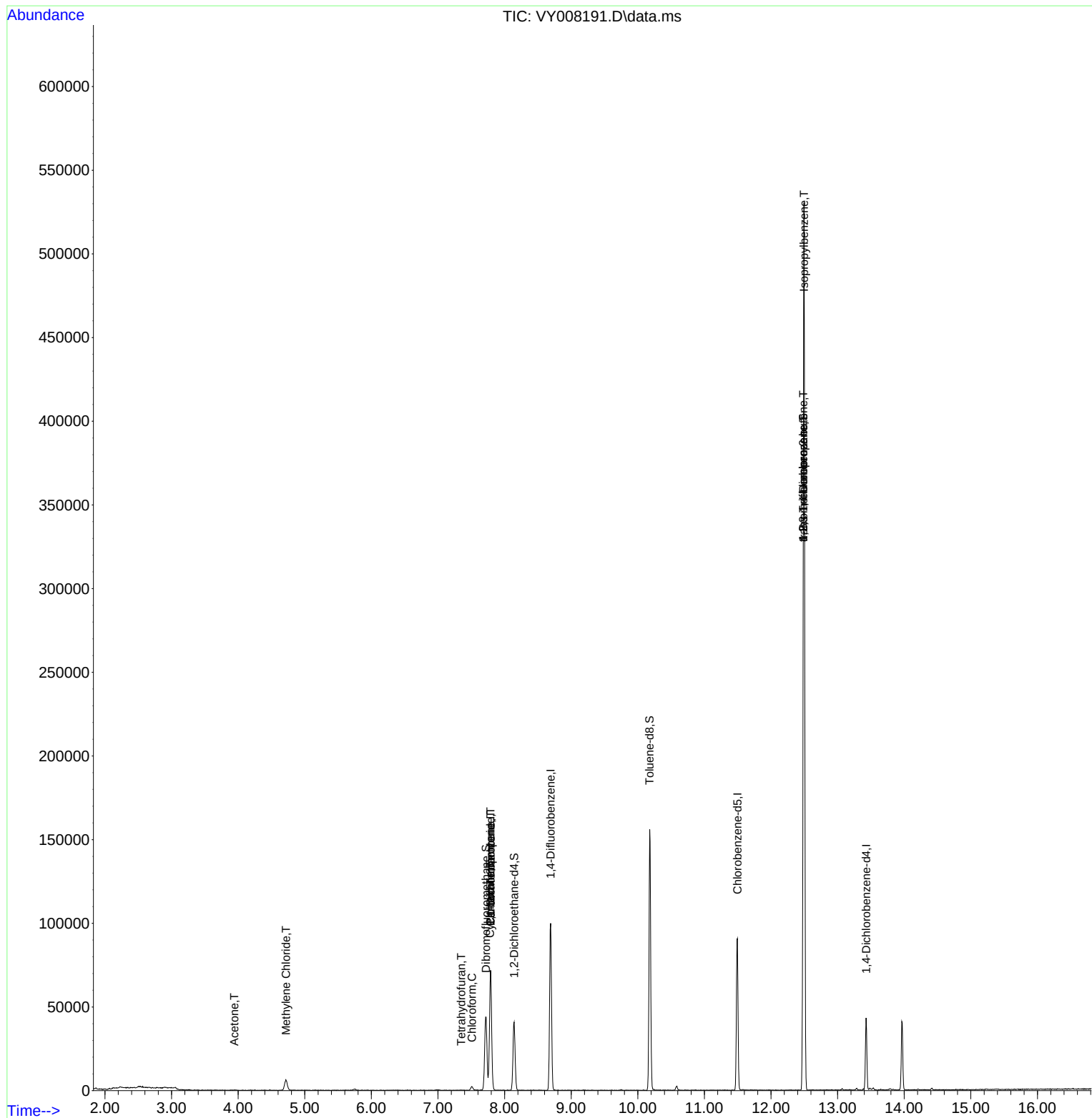
Internal Standards						
1) Pentafluorobenzene	7.789	168	55757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	91361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	52521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	31730	56.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.440%			
35) Dibromofluoromethane	7.722	113	32641	56.984	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.960%			
50) Toluene-d8	10.178	98	105604	48.935	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.483	95	15902	20.886	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 41.780%			
Target Compounds			Qvalue			
16) Acetone	3.942	43	221	1.728	ug/l #	47
18) Methyl Acetate	4.484	43	264	Below Cal	#	56
20) Methylene Chloride	4.716	84	4920	3.157	ug/l #	76
28) Bromochloromethane	7.514	49	82	Below Cal	#	16
29) Tetrahydrofuran	7.350	42	141	1.115	ug/l #	38
30) Chloroform	7.508	83	2062	1.718	ug/l	88
31) Cyclohexane	7.783	56	1228	1.174	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	4109	4.567	ug/l #	51
38) Carbon Tetrachloride	7.789	117	5612	5.723	ug/l #	11
73) Isopropylbenzene	12.495	105	1344	1.497	ug/l #	61
76) 1,2,3-Trichloropropane	12.483	75	11953	90.133	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11953	201.100	ug/l #	14

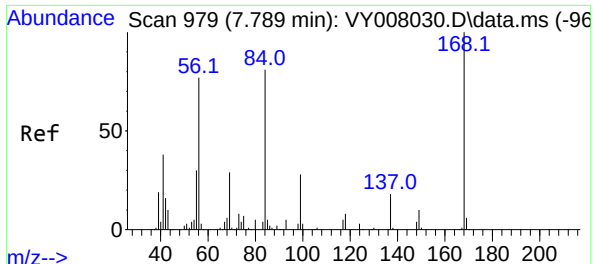
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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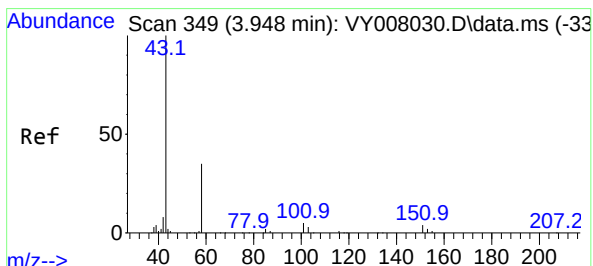
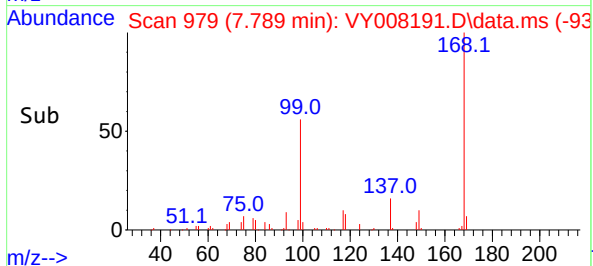
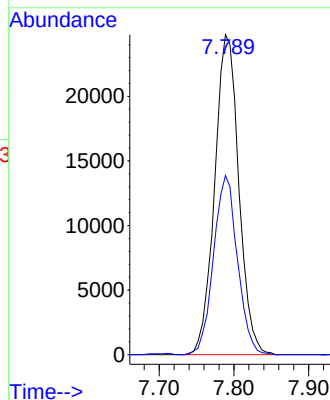
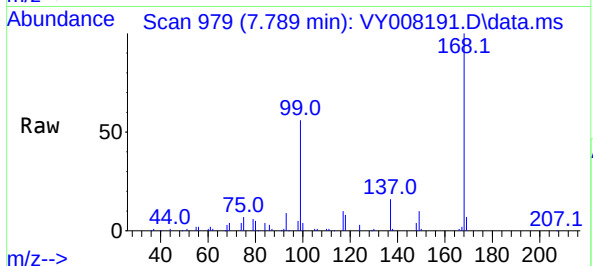




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

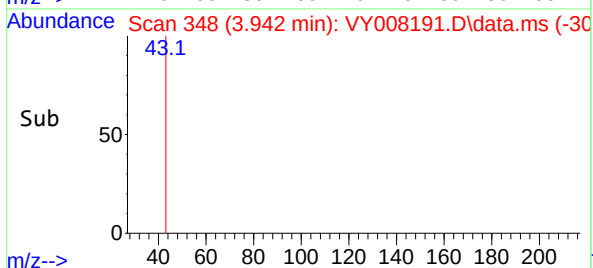
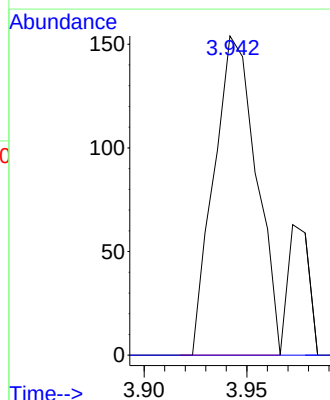
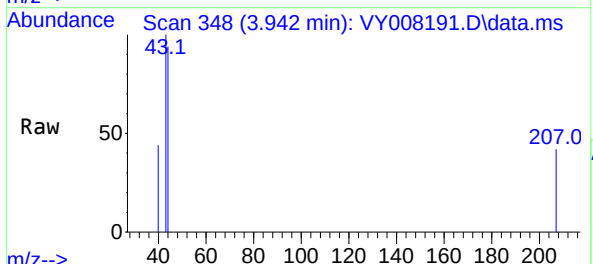
Instrument :
MSVOA_Y
ClientSampleId :

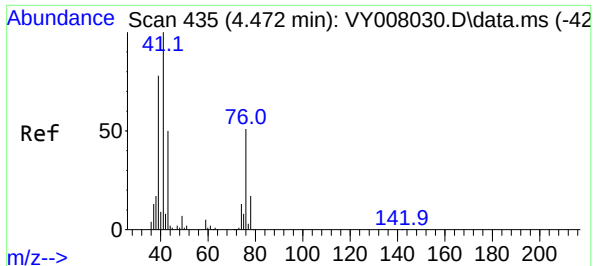
Tgt Ion:168 Resp: 55757
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#16
Acetone
Concen: 1.728 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.484 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY008191.D

Acq: 04 Apr 2022 19:23

Instrument :

MSVOA_Y

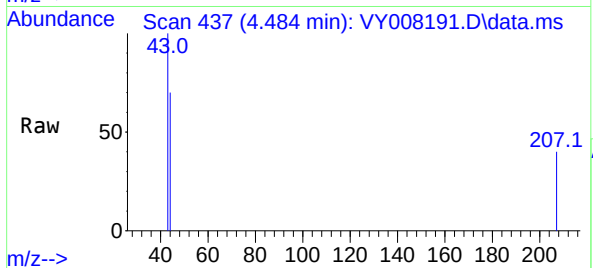
ClientSampleId :

Tgt Ion: 43 Resp: 264

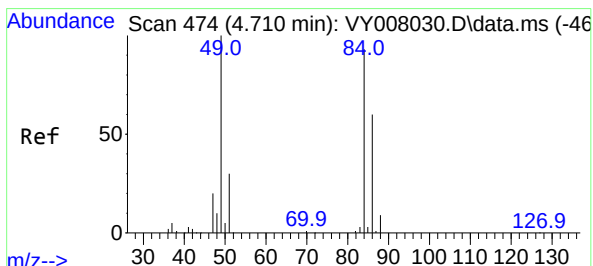
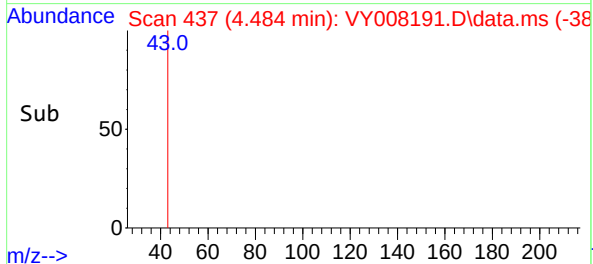
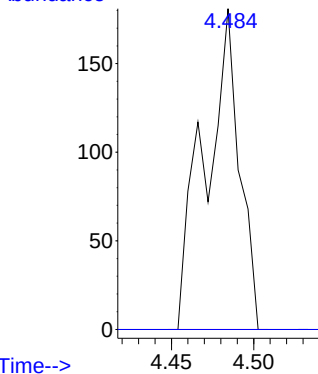
Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



Abundance



#20

Methylene Chloride

Concen: 3.157 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008191.D

Acq: 04 Apr 2022 19:23

Tgt Ion: 84 Resp: 4920

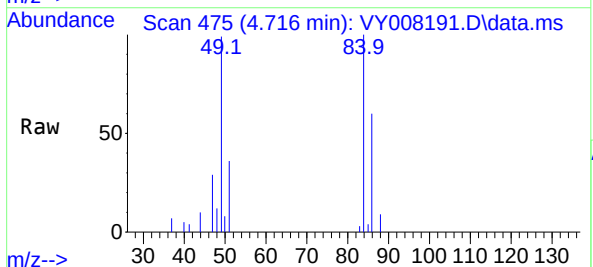
Ion Ratio Lower Upper

84 100

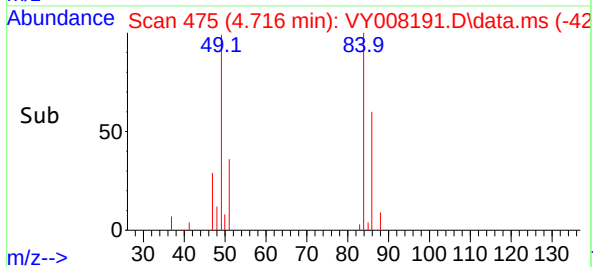
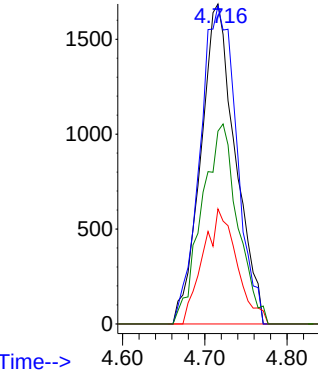
49 99.3 114.4 171.6#

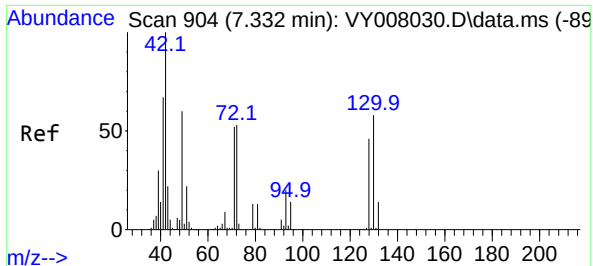
51 35.9 35.3 52.9

86 60.3 53.7 80.5



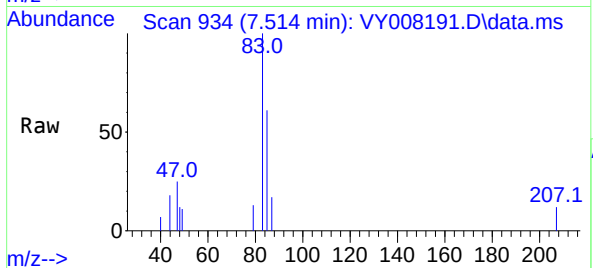
Abundance



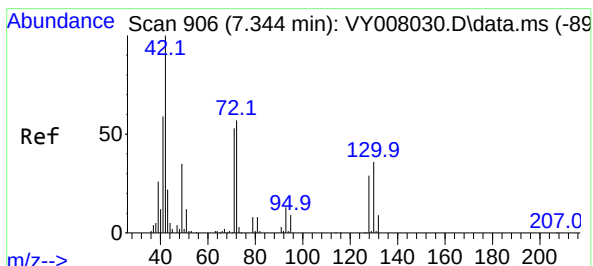
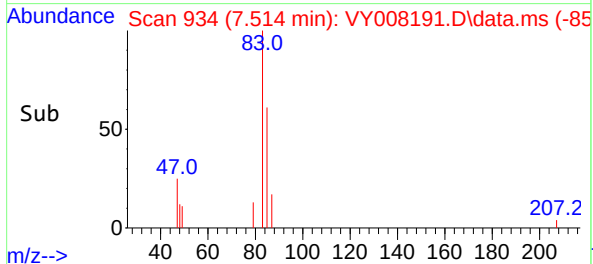
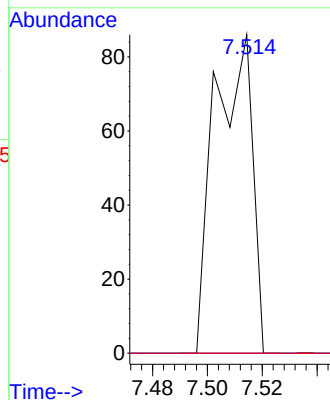


#28
Bromochloromethane
Concen: Below Cal
RT: 7.514 min Scan# 91
Delta R.T. 0.182 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :

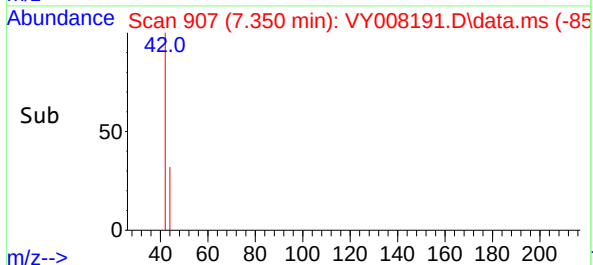
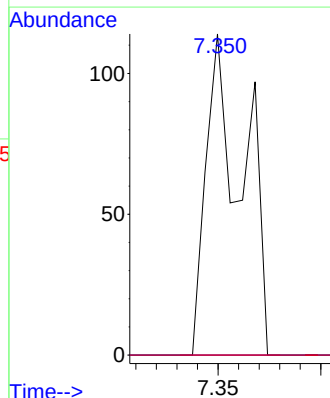
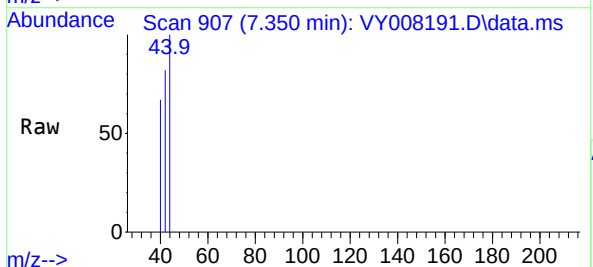


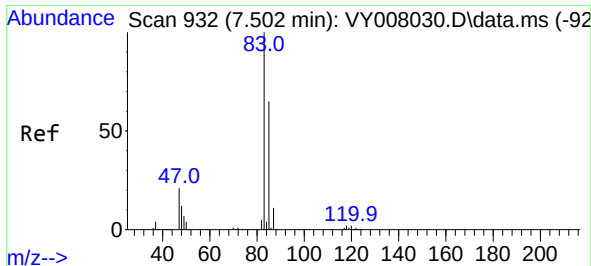
Tgt Ion: 49 Resp: 82
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



#29
Tetrahydrofuran
Concen: 1.115 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Tgt Ion: 42 Resp: 141
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#

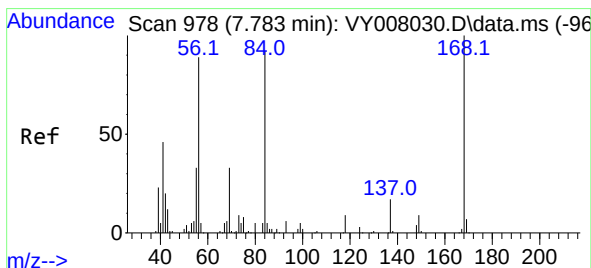
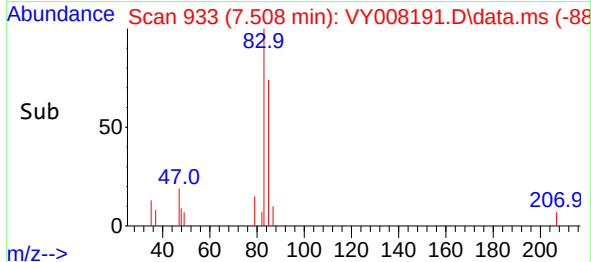
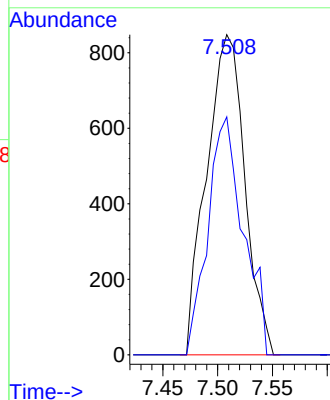
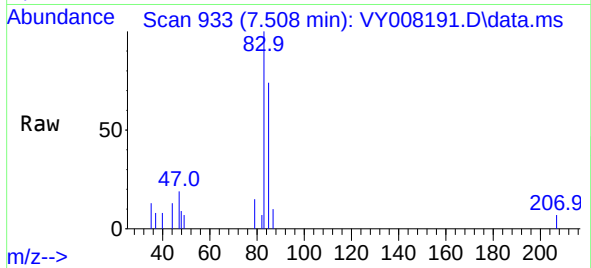




#30
Chloroform
Concen: 1.718 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

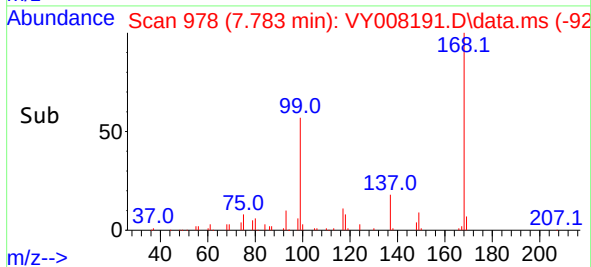
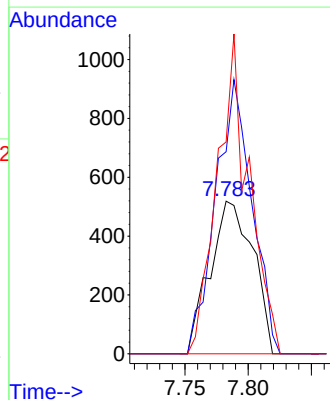
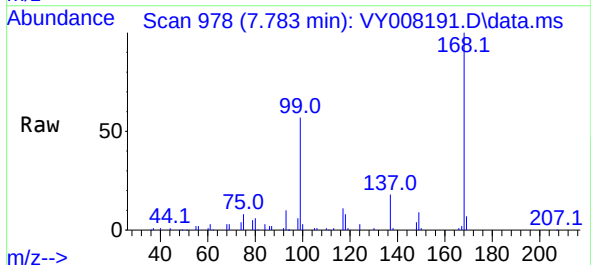
Instrument :
MSVOA_Y
ClientSampleId :

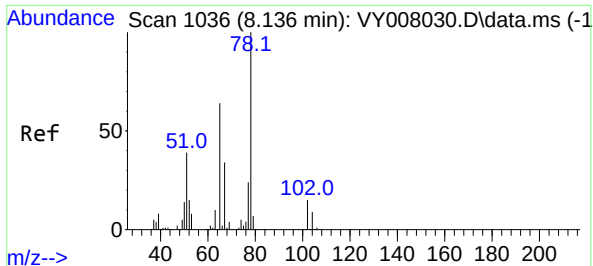
Tgt Ion: 83 Resp: 2062
Ion Ratio Lower Upper
83 100
85 74.3 51.8 77.6



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Tgt Ion: 56 Resp: 1228
Ion Ratio Lower Upper
56 100
69 132.4 26.7 40.1#
84 138.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.720 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008191.D

Acq: 04 Apr 2022 19:23

Instrument :

MSVOA_Y

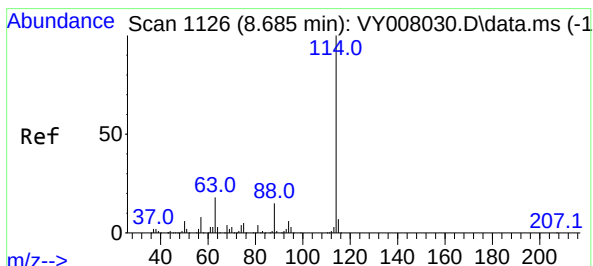
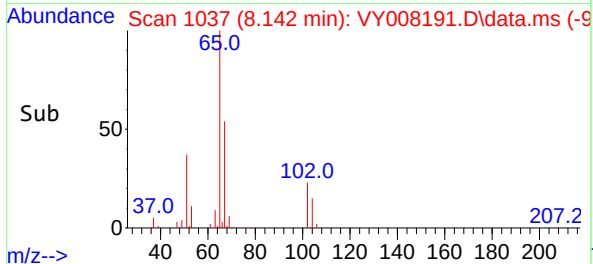
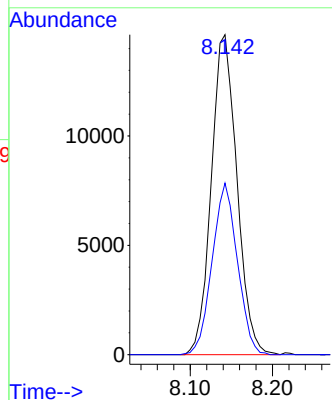
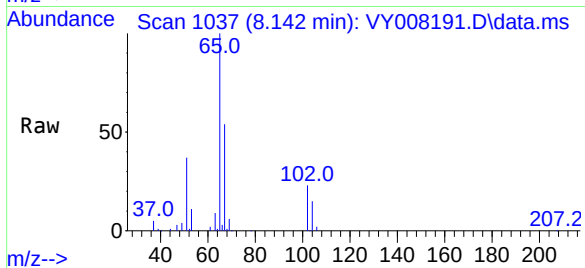
ClientSampleId :

Tgt Ion: 65 Resp: 31730

Ion Ratio Lower Upper

65 100

67 52.7 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: VY008191.D

Acq: 04 Apr 2022 19:23

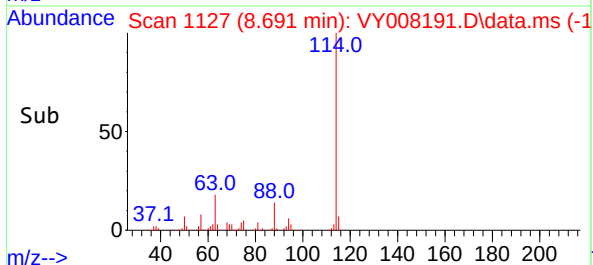
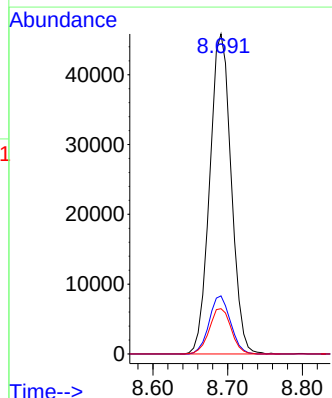
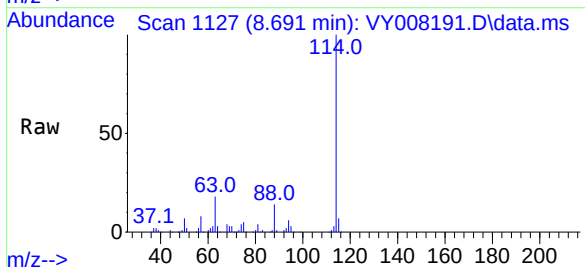
Tgt Ion:114 Resp: 91361

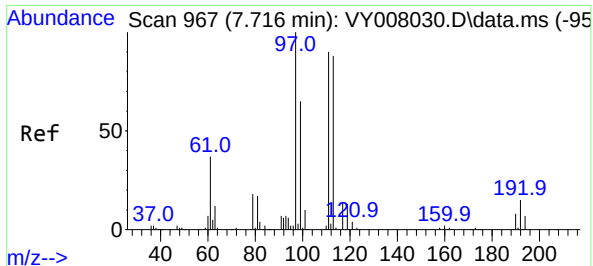
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

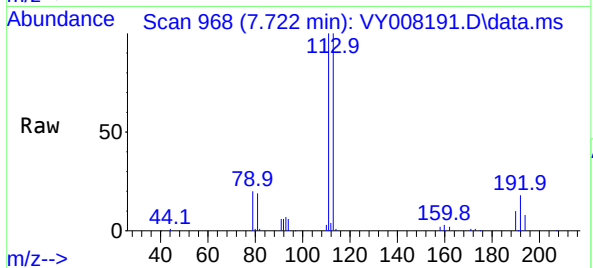
88 14.2 0.0 31.8





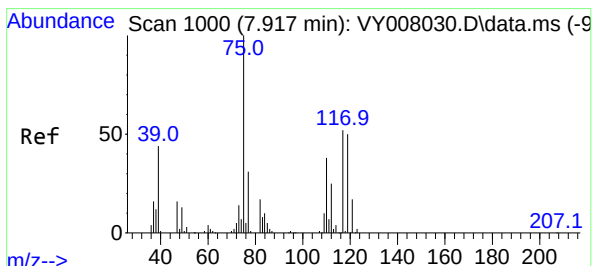
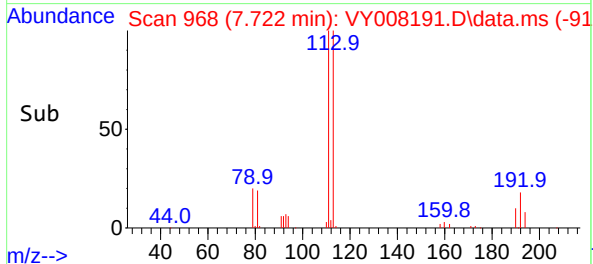
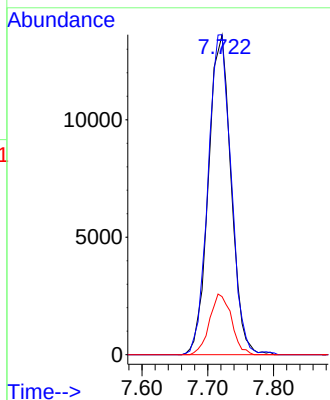
#35
 Dibromofluoromethane
 Concen: 56.984 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY008191.D
 Acq: 04 Apr 2022 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 113 Resp: 32641

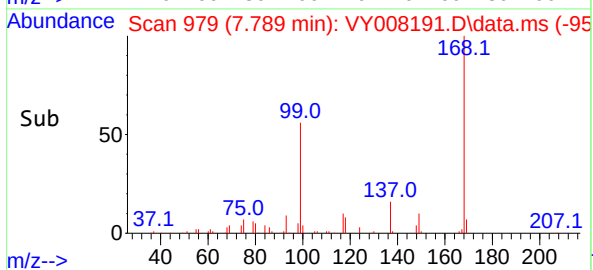
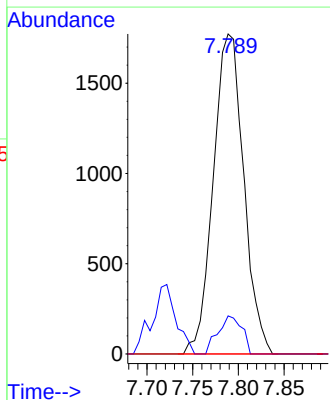
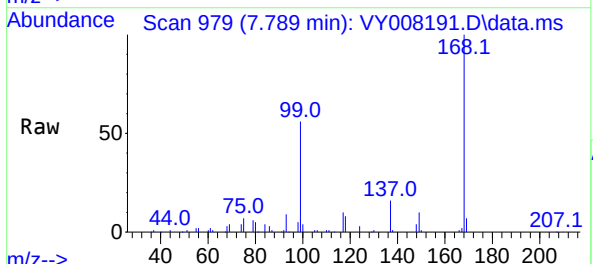
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	18.3	17.6	26.4

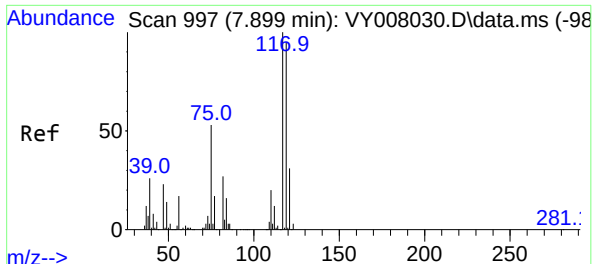


#36
 1,1-Dichloropropene
 Concen: 4.567 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008191.D
 Acq: 04 Apr 2022 19:23

Tgt Ion: 75 Resp: 4109

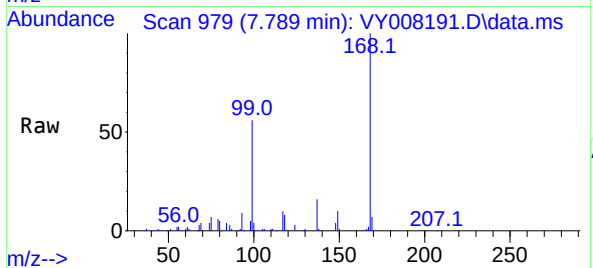
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#



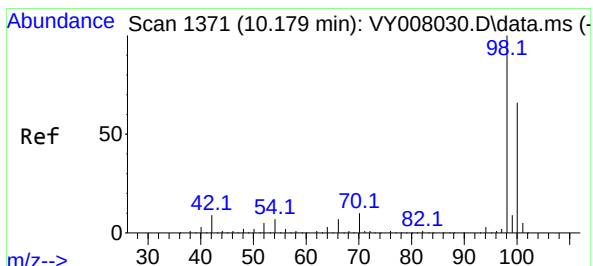
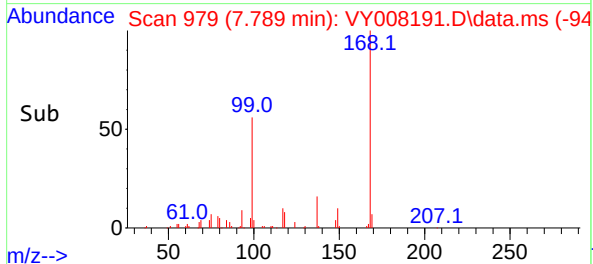
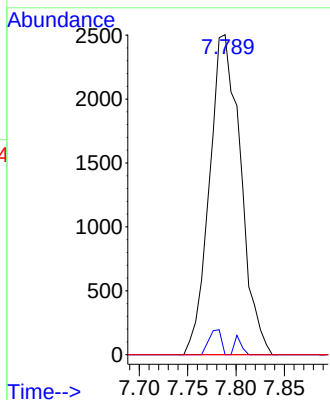


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :

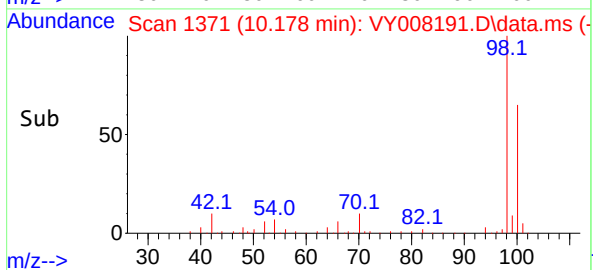
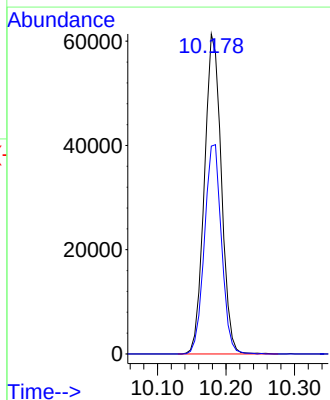
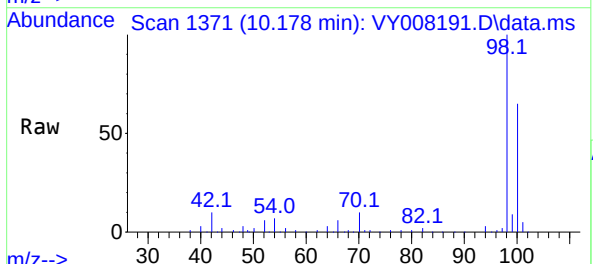


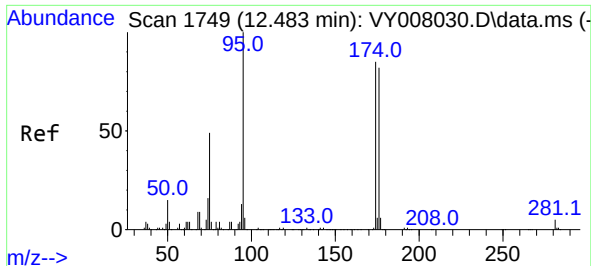
Tgt Ion:117 Resp: 5612
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.935 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

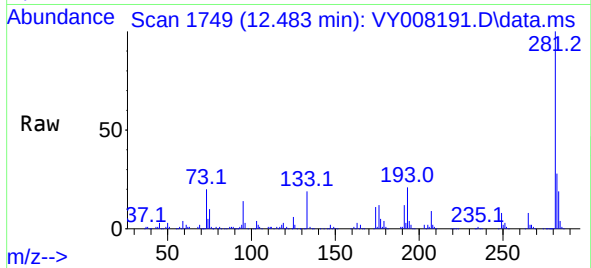
Tgt Ion: 98 Resp: 105604
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



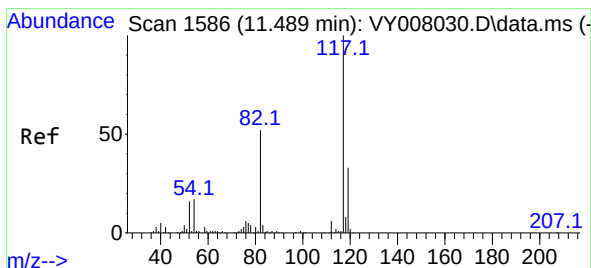
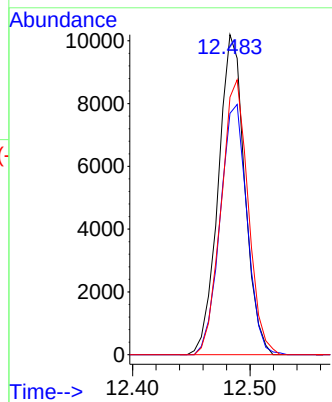
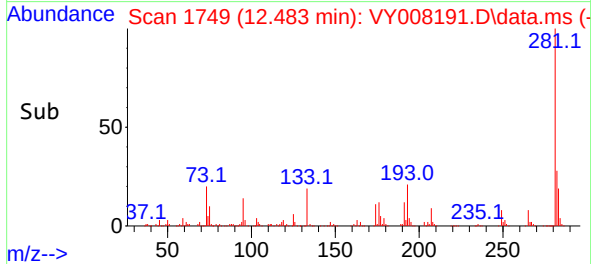


#62
4-Bromofluorobenzene
Concen: 20.886 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

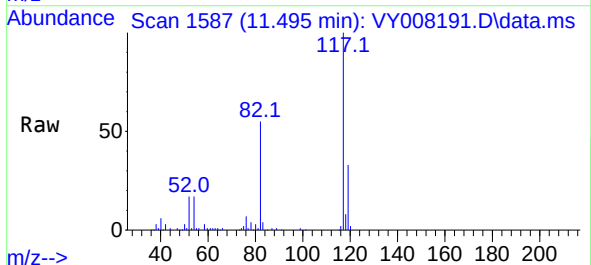
Instrument :
MSVOA_Y
ClientSampleId :



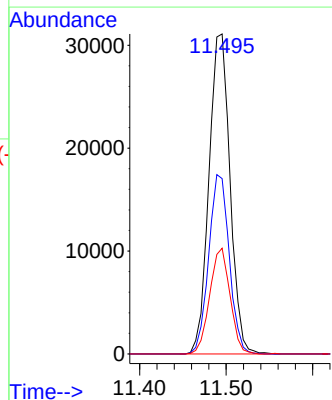
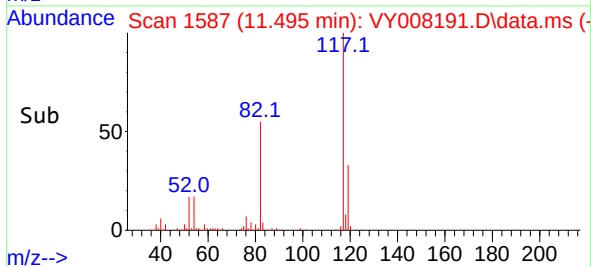
Tgt Ion: 95 Resp: 15902
Ion Ratio Lower Upper
95 100
174 79.6 0.0 177.0
176 87.9 0.0 175.8

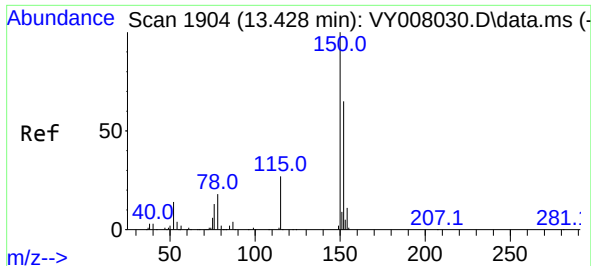


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23



Tgt Ion: 117 Resp: 52521
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 33.1 25.4 38.0

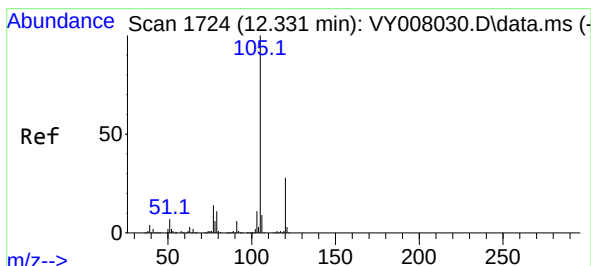
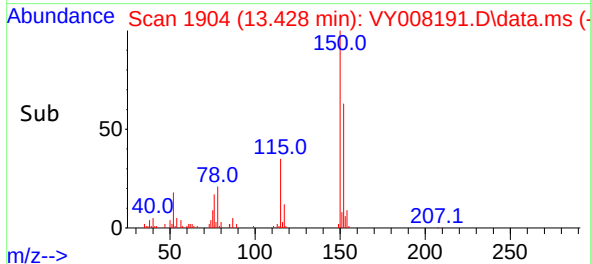
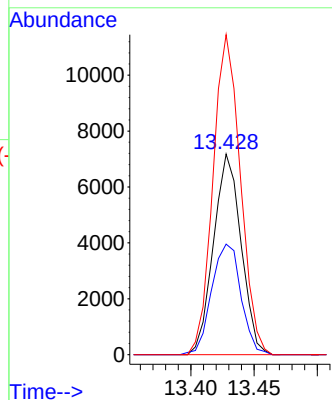
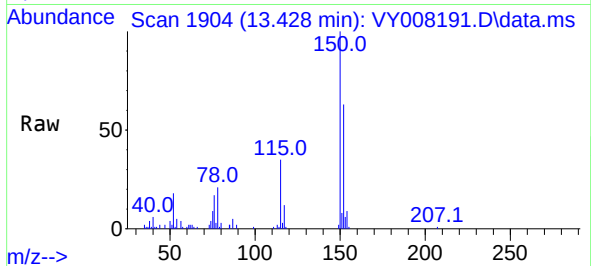




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

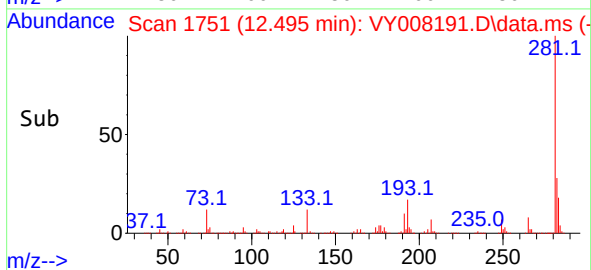
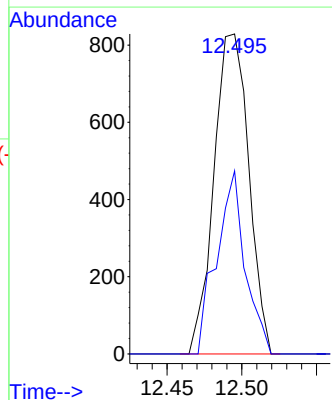
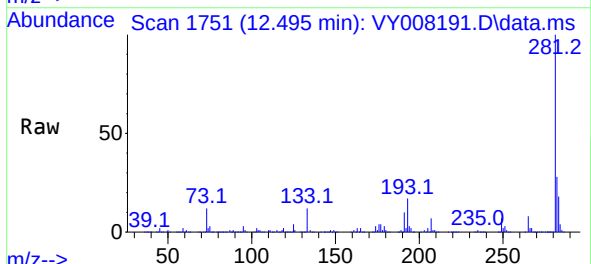
Instrument :
MSVOA_Y
ClientSampleId :

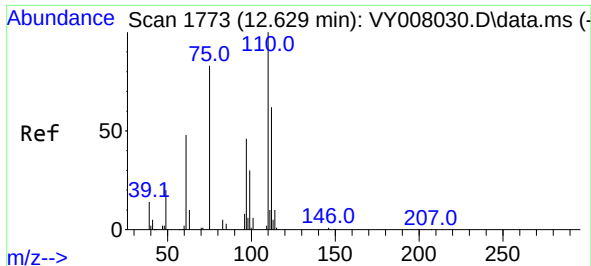
Tgt Ion:152 Resp: 10879
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 158.3 0.0 347.6



#73
Isopropylbenzene
Concen: 1.497 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.164 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Tgt Ion:105 Resp: 1344
Ion Ratio Lower Upper
105 100
120 46.8 13.4 40.2#

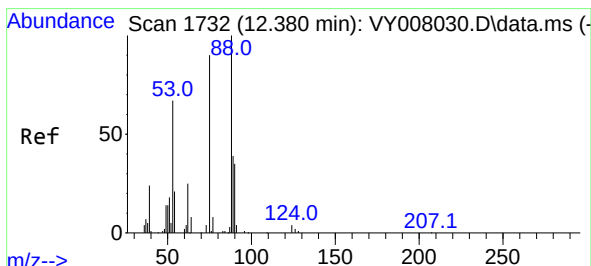
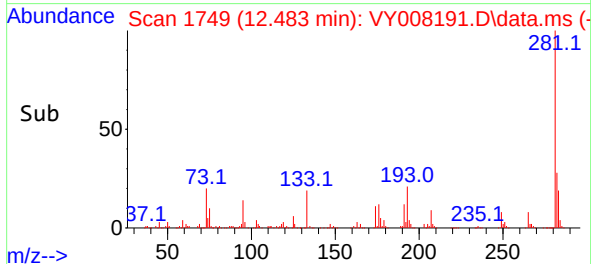
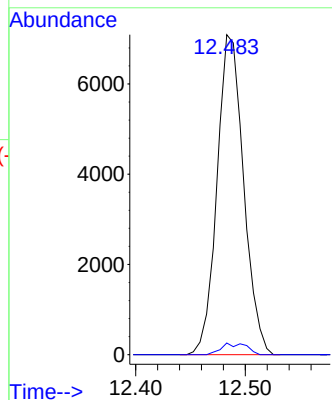
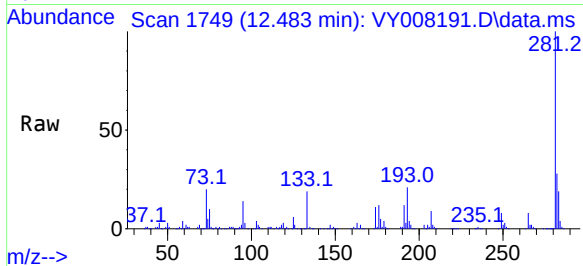




#76
1,2,3-Trichloropropane
Concen: 90.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11953
Ion Ratio Lower Upper
75 100
77 3.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 201.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Tgt Ion: 75 Resp: 11953
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 14.1 37.0 55.4#

