

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012265.D
 Acq On : 19 Jan 2023 15:00
 Operator : KP/MD
 Sample : 01214-13
 Misc : 7.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011823-B3-30-40

Quant Time: Jan 20 03:24:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

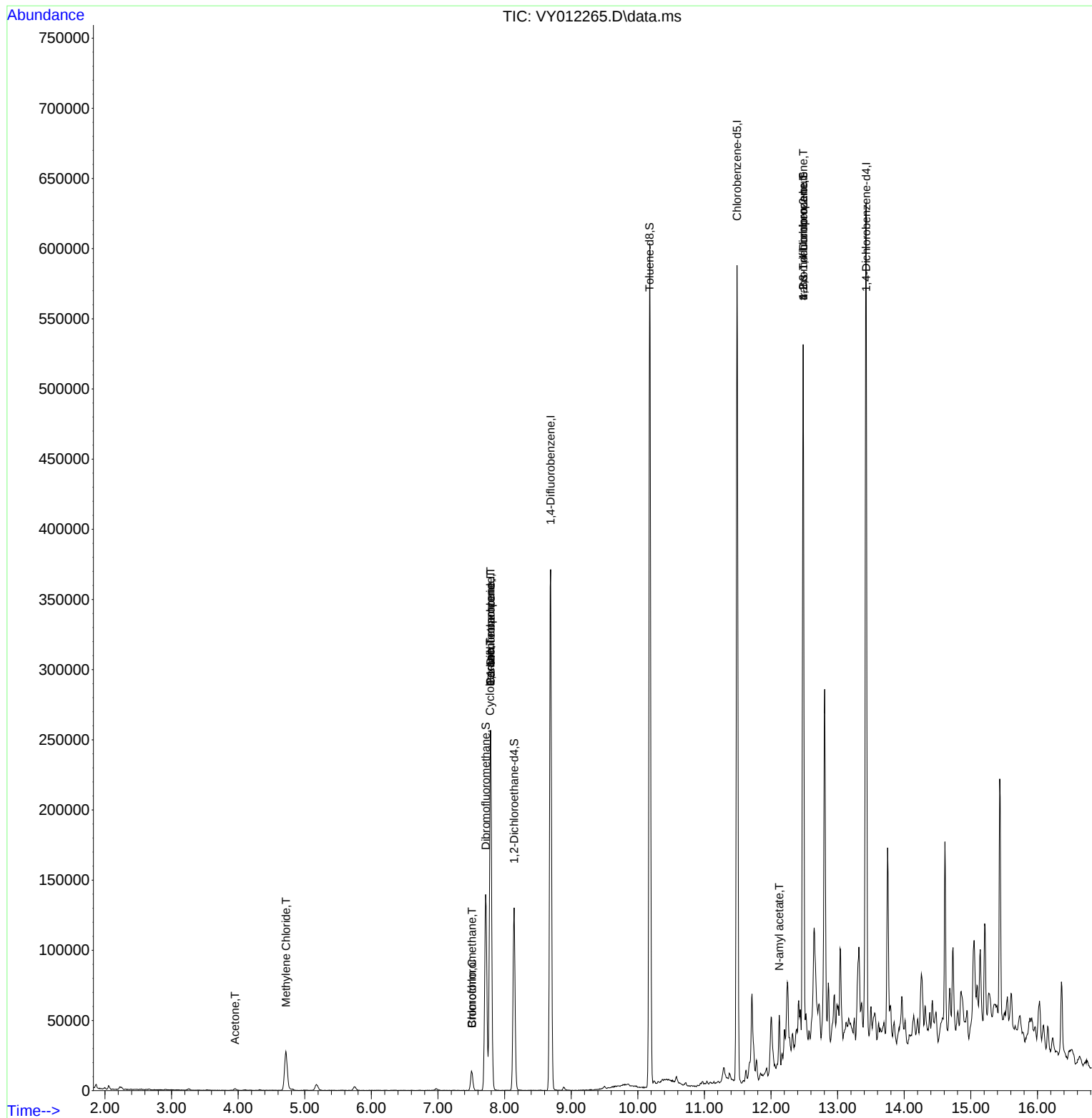
Internal Standards						
1) Pentafluorobenzene	7.789	168	203621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	106914	64.485	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.960%			
35) Dibromofluoromethane	7.716	113	95467	54.167	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.340%			
50) Toluene-d8	10.179	98	401338	67.213	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 134.420%			
62) 4-Bromofluorobenzene	12.483	95	141626	57.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	137	Below Cal	#	74
16) Acetone	3.954	43	2039	3.596	ug/l	93
20) Methylene Chloride	4.716	84	22057	1.604	ug/l	91
28) Bromochloromethane	7.508	49	977	1.399	ug/l #	10
30) Chloroform	7.508	83	13198	3.497	ug/l	88
31) Cyclohexane	7.783	56	3521	1.186	ug/l #	21
36) 1,1-Dichloropropene	7.789	75	13138	4.386	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19635	5.076	ug/l #	17
74) N-amyl acetate	12.123	43	7293	3.215	ug/l #	61
76) 1,2,3-Trichloropropane	12.483	75	77542	52.549	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77542	108.274	ug/l #	13

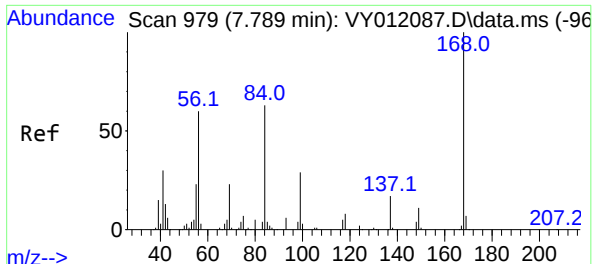
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
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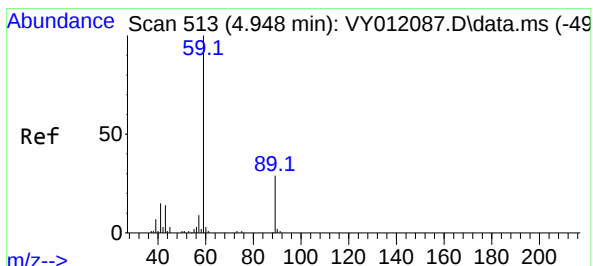
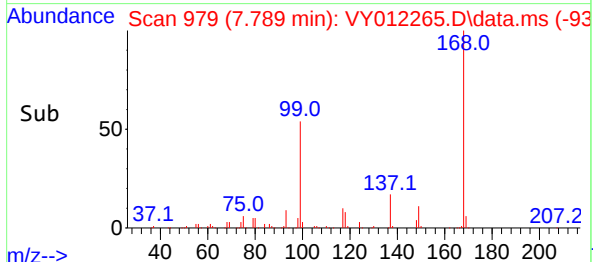
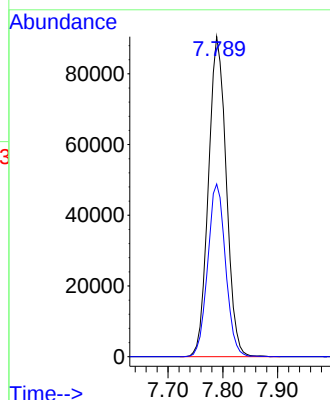
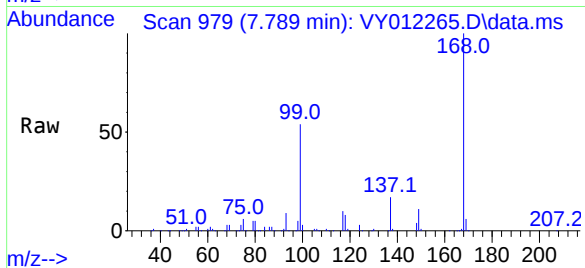




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

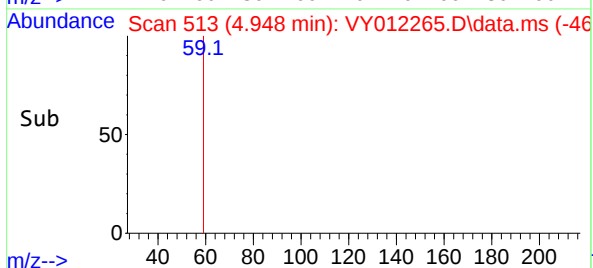
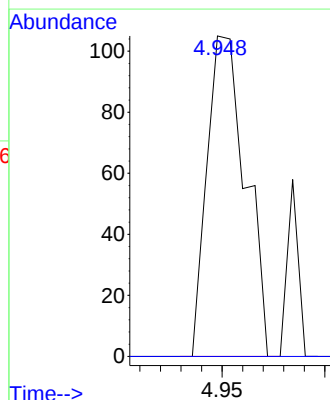
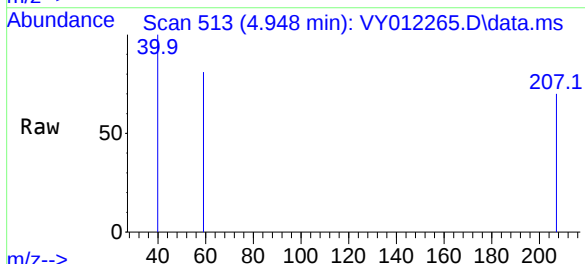
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-30-40

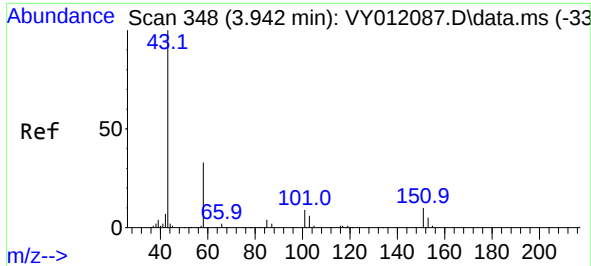
Tgt Ion:168 Resp: 203621
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 3.596 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY012265.D

Acq: 19 Jan 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

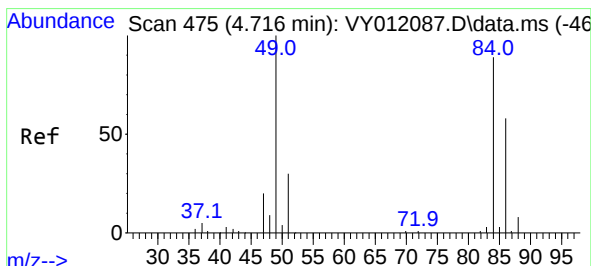
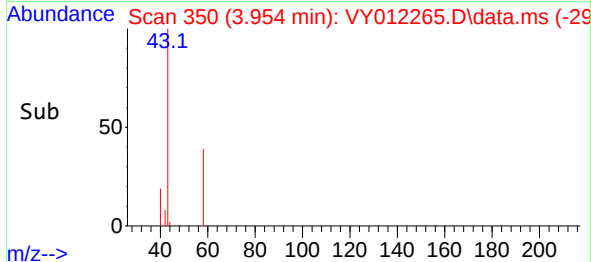
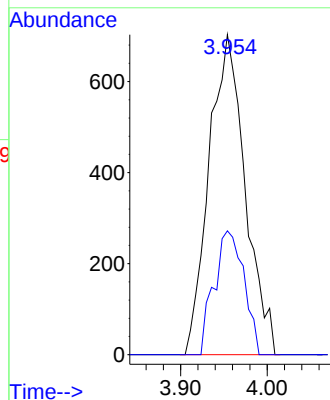
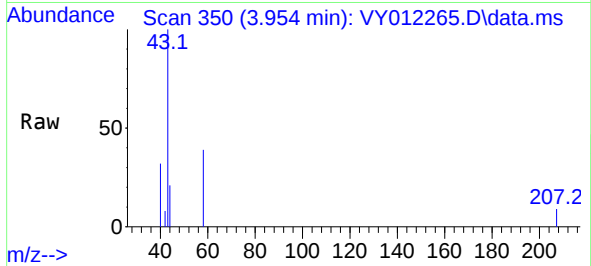
TJRC-011823-B3-30-40

Tgt Ion: 43 Resp: 2039

Ion Ratio Lower Upper

43 100

58 38.7 27.9 41.9



#20

Methylene Chloride

Concen: 1.604 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012265.D

Acq: 19 Jan 2023 15:00

Tgt Ion: 84 Resp: 22057

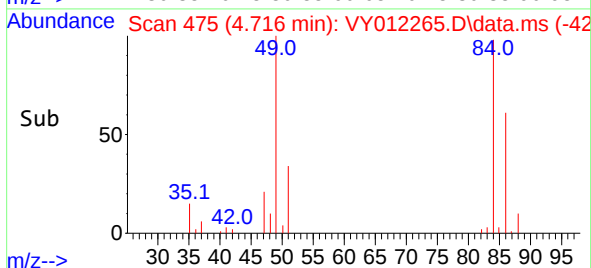
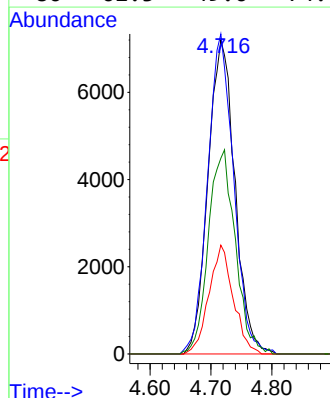
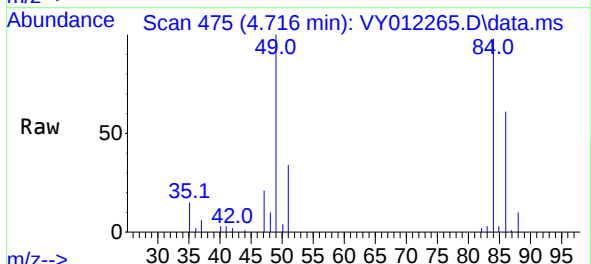
Ion Ratio Lower Upper

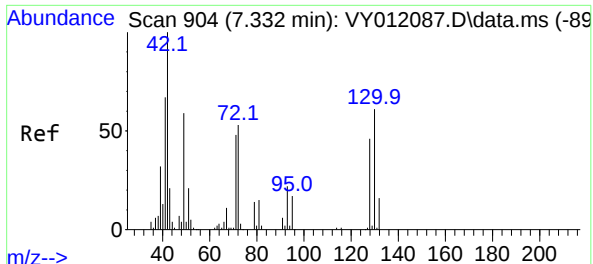
84 100

49 101.9 95.4 143.2

51 34.6 29.9 44.9

86 62.3 49.6 74.4





#28

Bromochloromethane

Concen: 1.399 ug/l

RT: 7.508 min Scan# 91

Delta R.T. 0.176 min

Lab File: VY012265.D

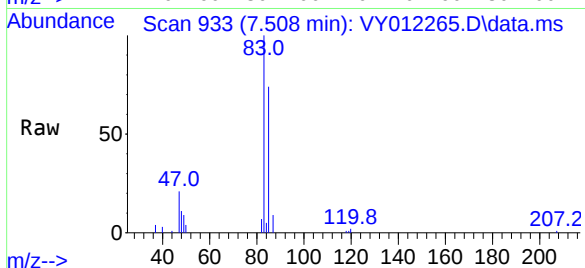
Acq: 19 Jan 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011823-B3-30-40



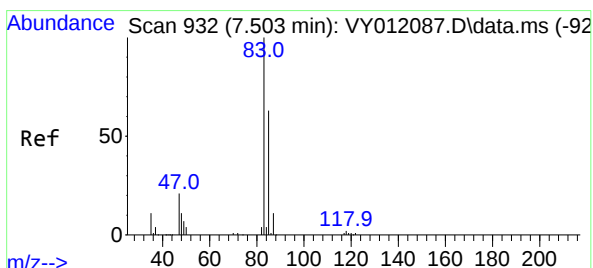
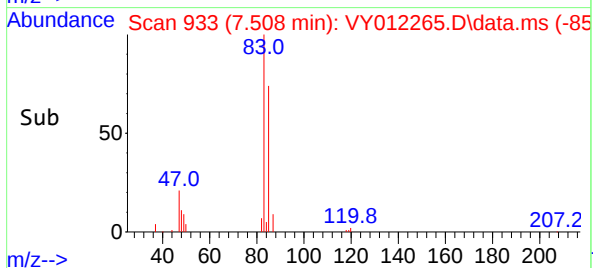
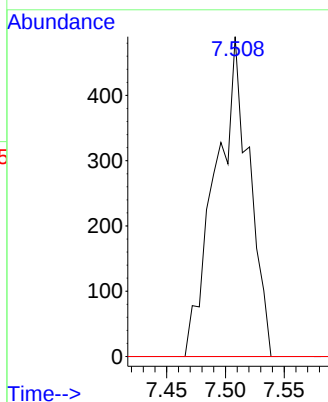
Tgt Ion: 49 Resp: 977

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 66.7 100.1#



#30

Chloroform

Concen: 3.497 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012265.D

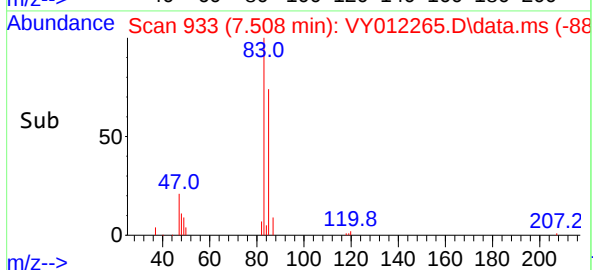
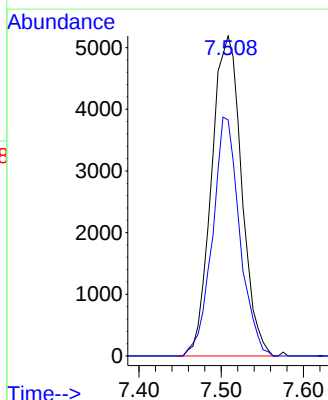
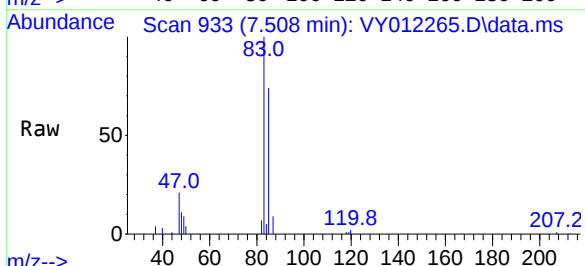
Acq: 19 Jan 2023 15:00

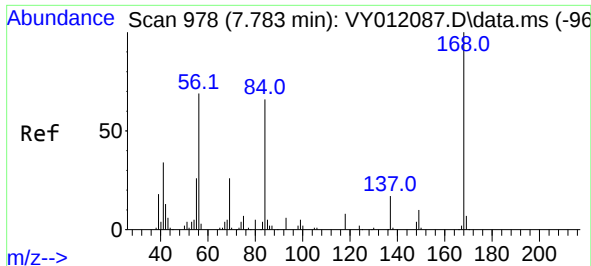
Tgt Ion: 83 Resp: 13198

Ion Ratio Lower Upper

83 100

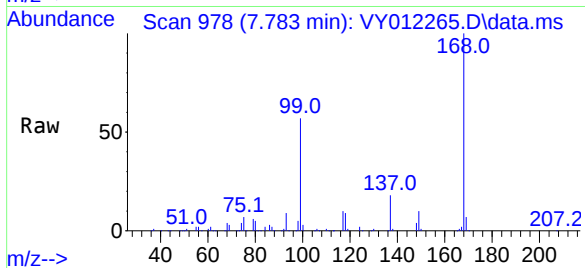
85 73.8 51.5 77.3



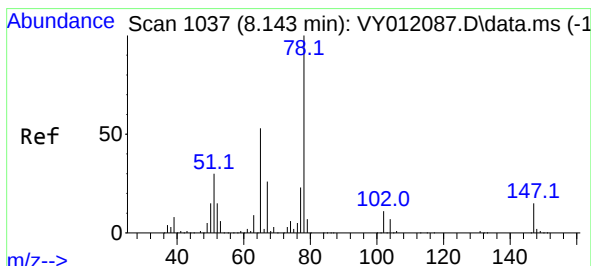
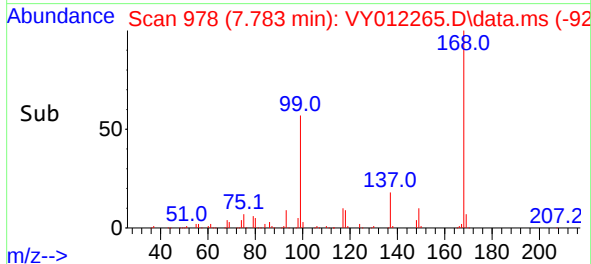
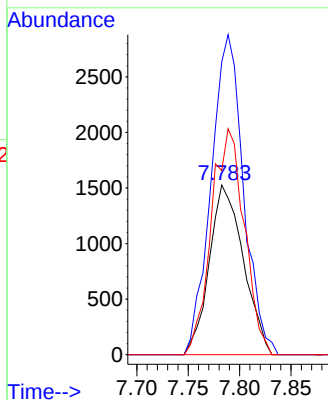


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-30-40

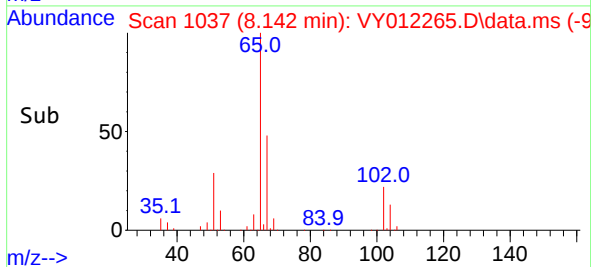
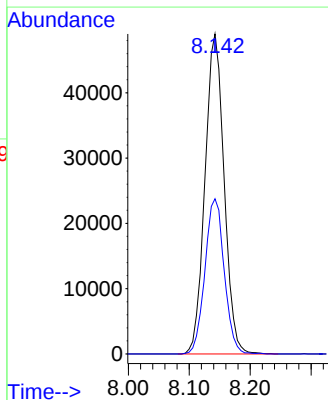
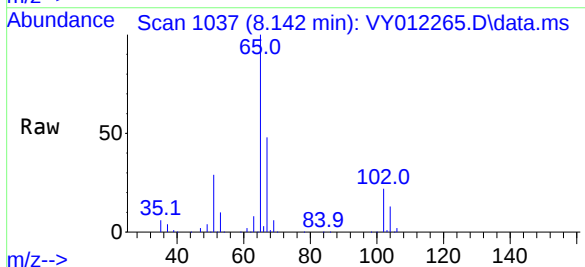


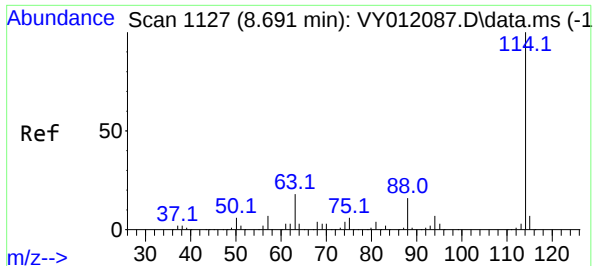
Tgt Ion: 56 Resp: 3521
Ion Ratio Lower Upper
56 100
69 172.6 29.2 43.8#
84 108.6 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 64.485 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion: 65 Resp: 106914
Ion Ratio Lower Upper
65 100
67 48.9 0.0 103.2

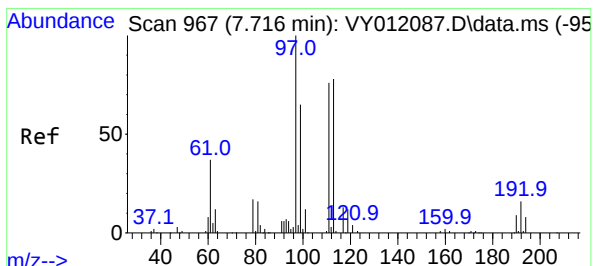
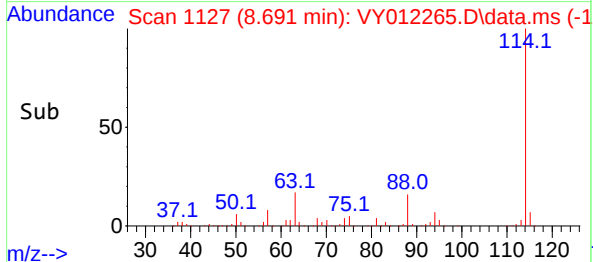
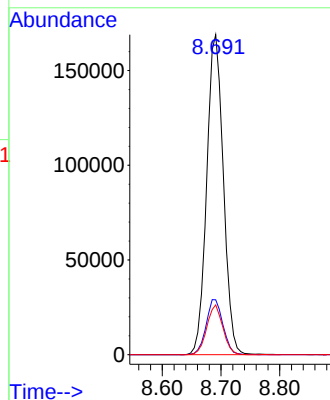
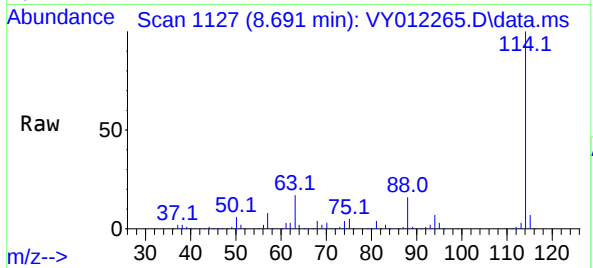




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

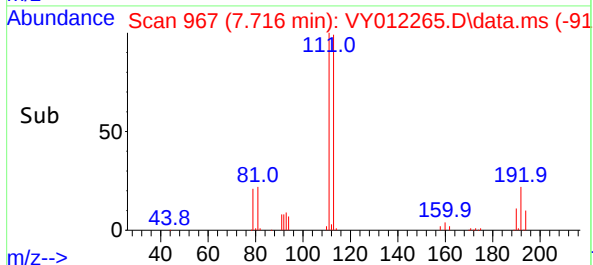
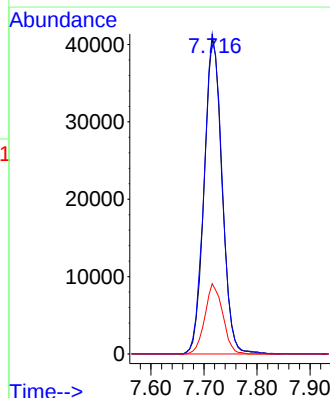
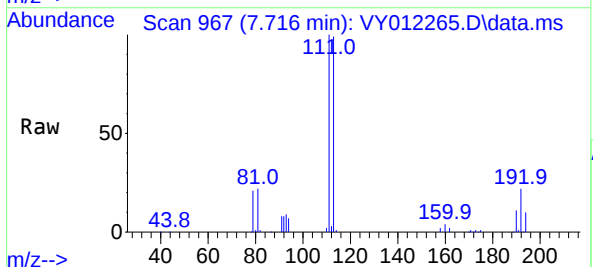
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-30-40

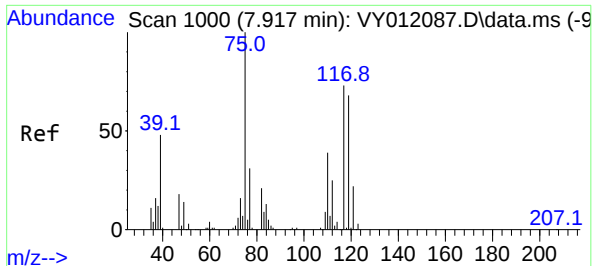
Tgt Ion:114 Resp: 332854
Ion Ratio Lower Upper
114 100
63 17.1 0.0 39.6
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 54.167 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion:113 Resp: 95467
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 22.1 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012265.D

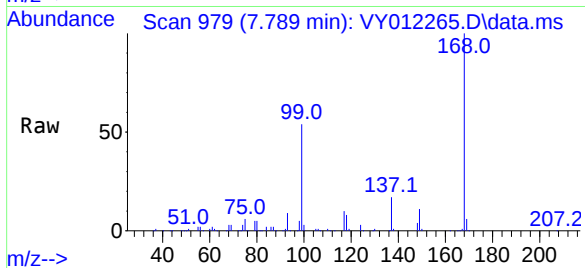
Acq: 19 Jan 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011823-B3-30-40



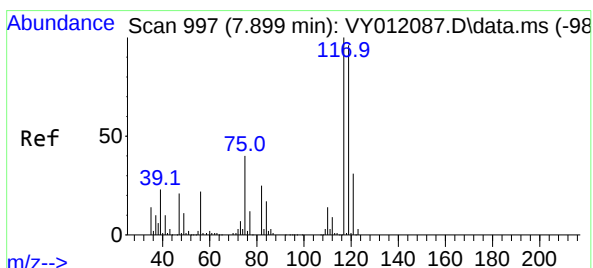
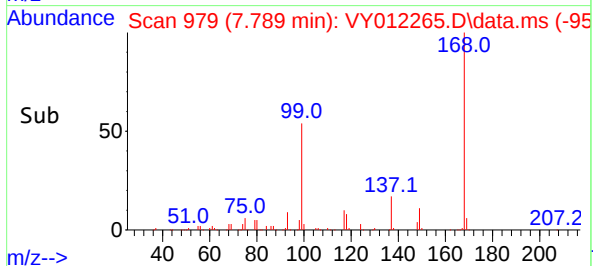
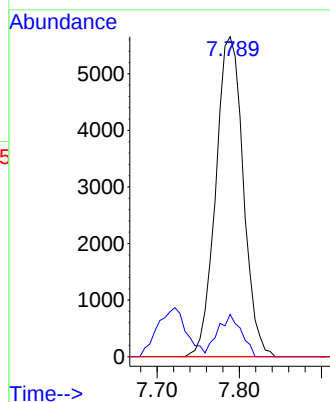
Tgt Ion: 75 Resp: 13138

Ion Ratio Lower Upper

75 100

110 11.3 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.076 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012265.D

Acq: 19 Jan 2023 15:00

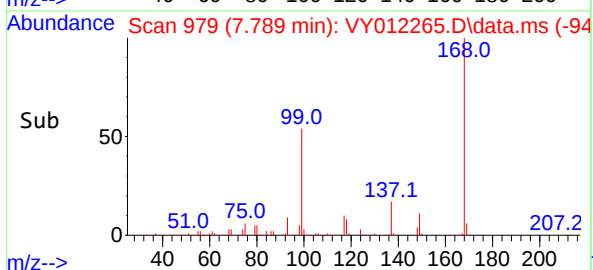
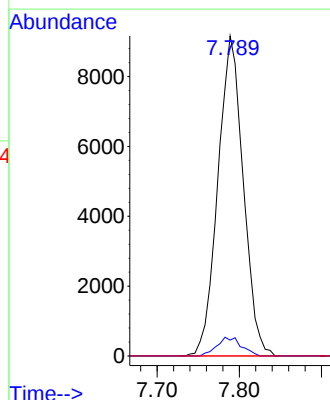
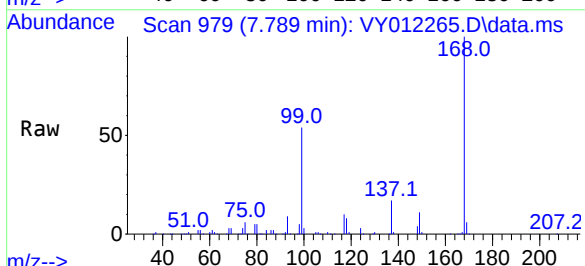
Tgt Ion:117 Resp: 19635

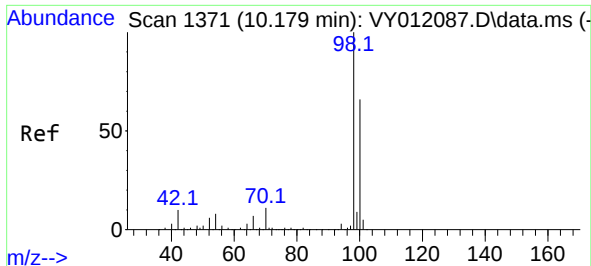
Ion Ratio Lower Upper

117 100

119 4.9 73.8 110.8#

121 0.0 25.2 37.8#

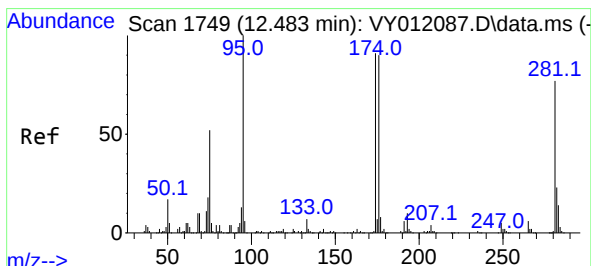
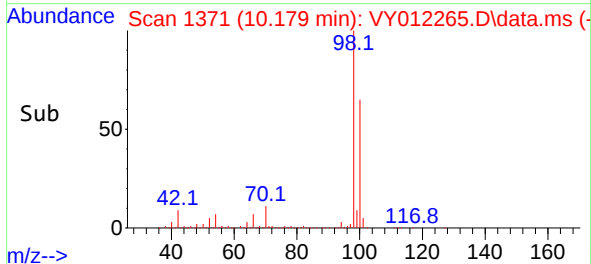
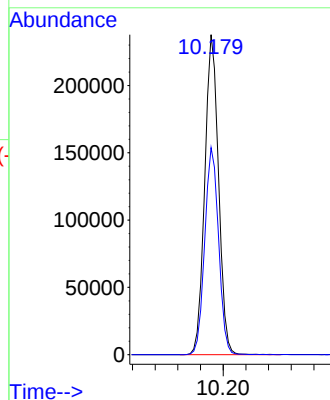
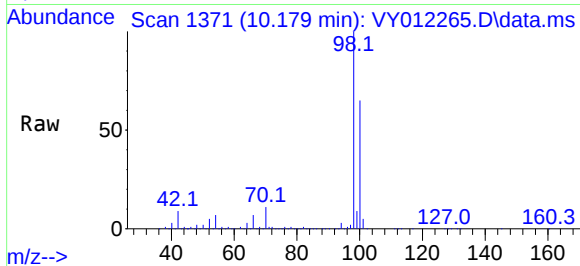




#50
Toluene-d8
Concen: 67.213 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

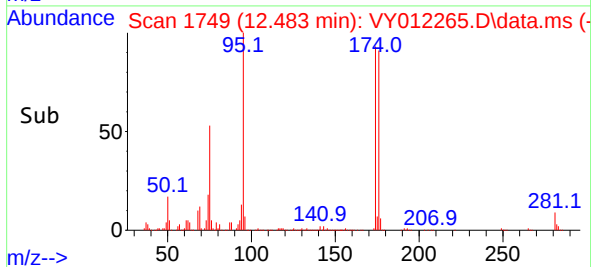
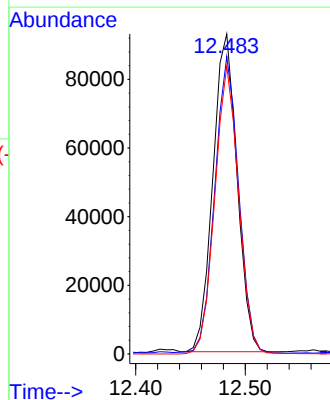
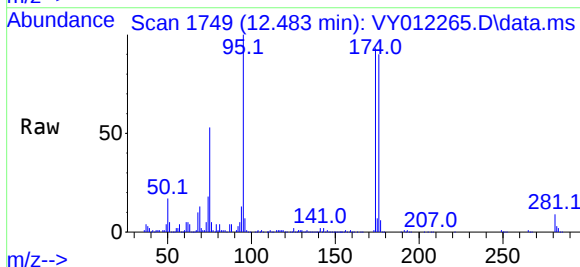
Instrument :
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TJRC-011823-B3-30-40

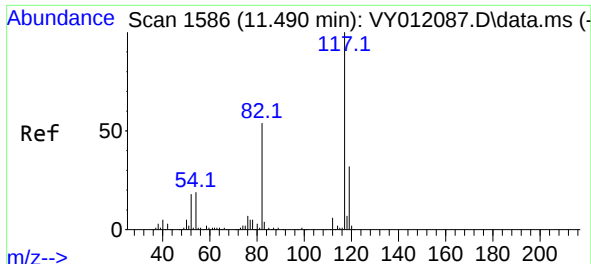
Tgt Ion: 98 Resp: 401338
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.003 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion: 95 Resp: 141626
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 89.5 0.0 167.6

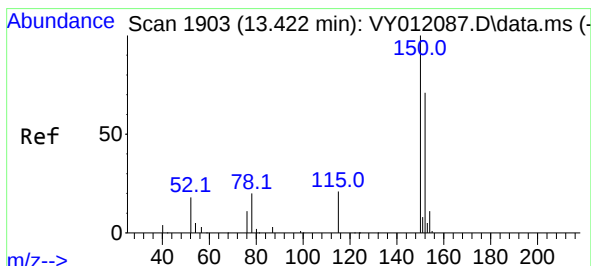
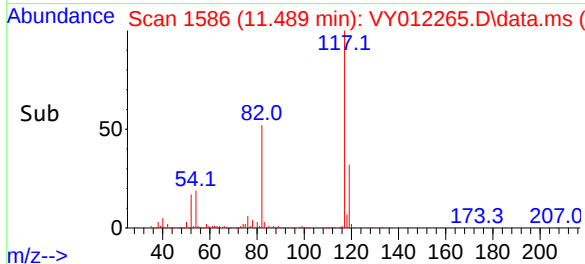
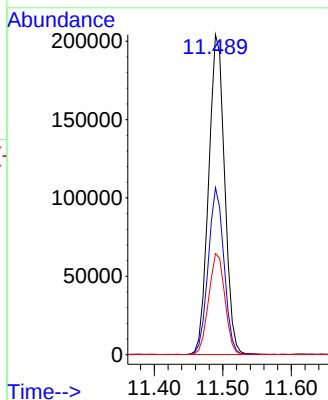
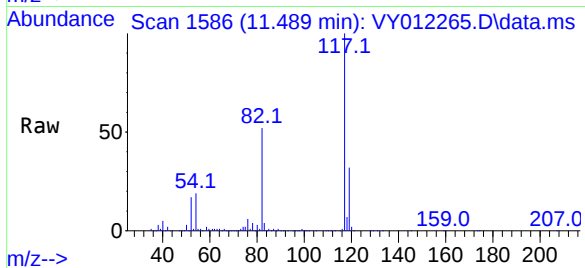




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

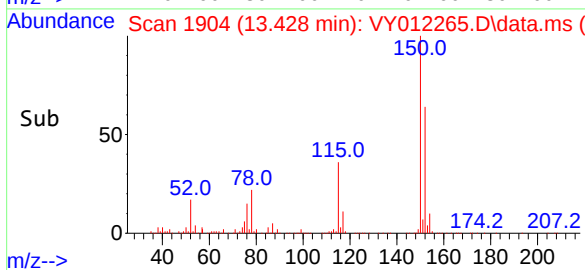
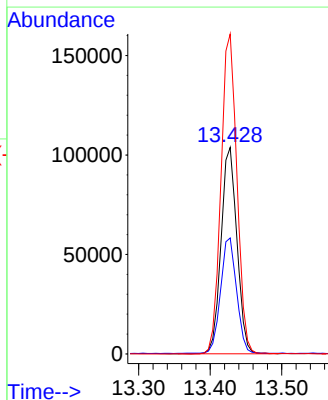
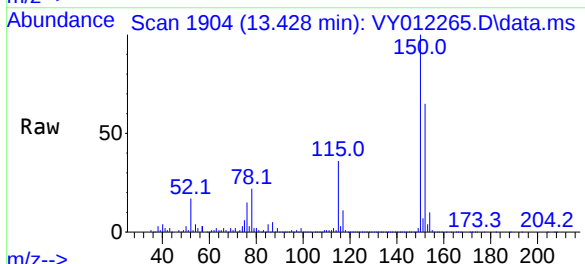
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-30-40

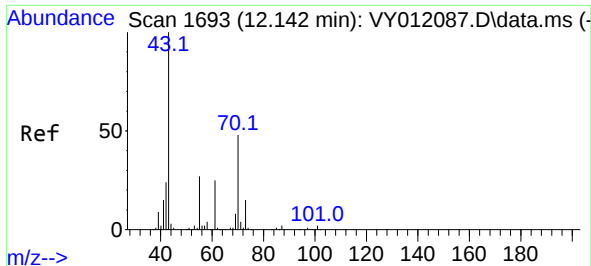
Tgt Ion:	117	Resp:	331466
Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.8	67.2
119	31.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion:	152	Resp:	160474
Ion	Ratio	Lower	Upper
152	100		
115	56.3	29.1	87.3
150	155.5	0.0	342.6

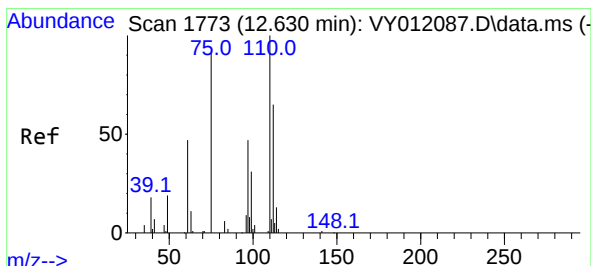
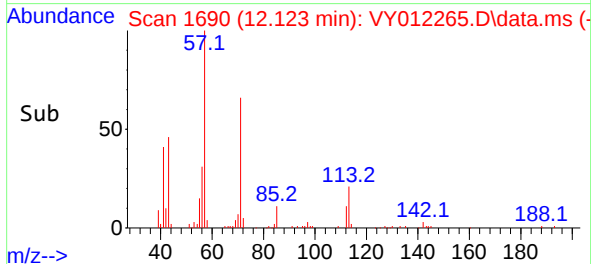
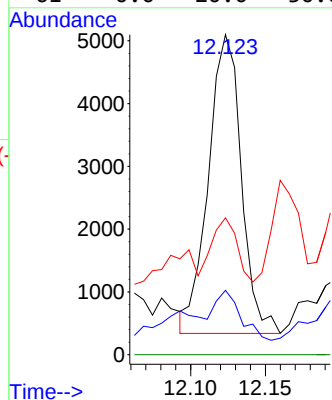
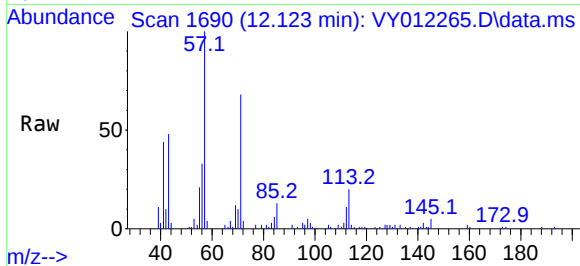




#74
N-amy1 acetate
Concen: 3.215 ug/l
RT: 12.123 min Scan# 1749
Delta R.T. -0.019 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

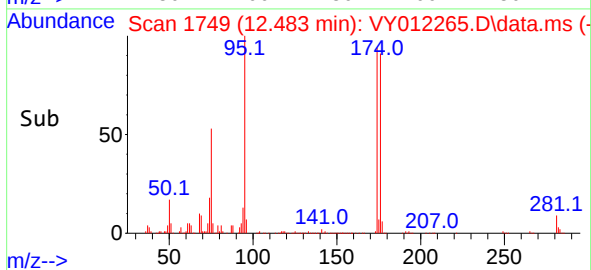
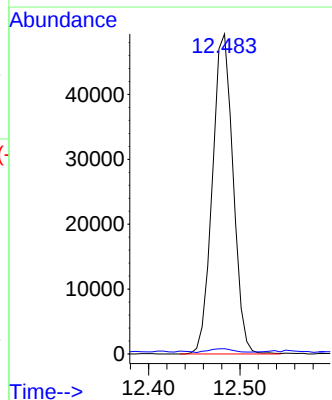
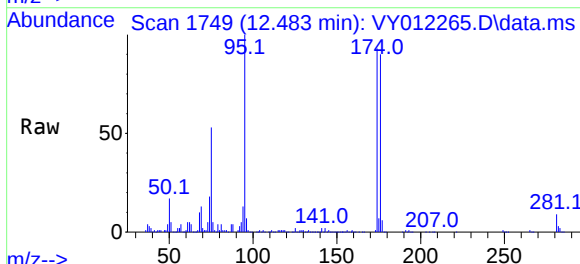
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-30-40

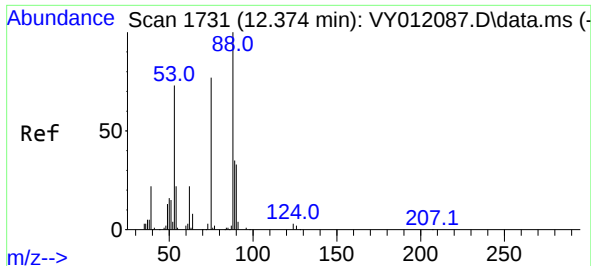
Tgt Ion: 43	Resp: 7293
Ion Ratio	Lower Upper
43 100	
70 12.8	35.8 53.8#
55 20.5	21.0 31.4#
61 0.0	20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 52.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

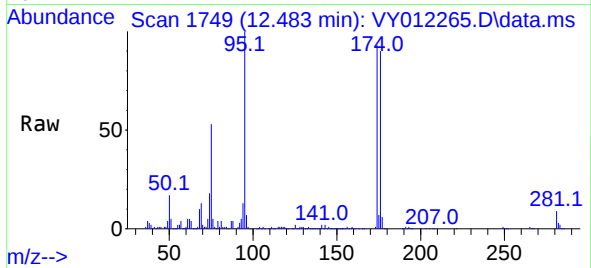
Tgt Ion: 75	Resp: 77542		
Ion Ratio	Lower	Upper	
75 100			
77 1.4	0.0	0.0#	





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.274 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012265.D
 Acq: 19 Jan 2023 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011823-B3-30-40



Tgt Ion: 75 Resp: 77542
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.5 108.7#
 89 0.1 37.0 55.4#

