

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012264.D
 Acq On : 19 Jan 2023 14:37
 Operator : KP/MD
 Sample : 01214-10
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011823-B3-20-30

Quant Time: Jan 20 03:24:05 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)

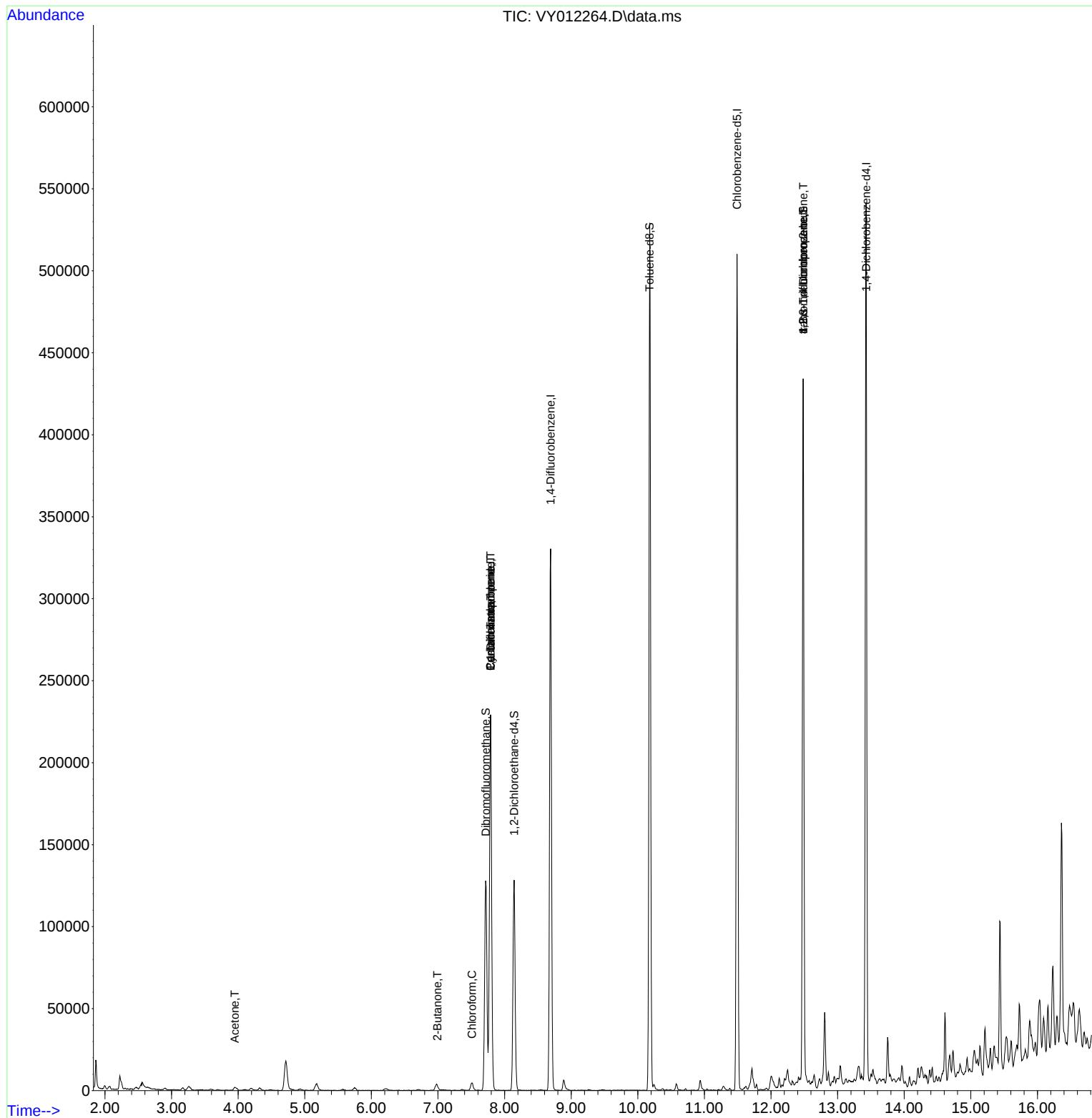
Internal Standards						
1) Pentafluorobenzene	7.789	168	180477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107817	73.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.920%	
35) Dibromofluoromethane	7.715	113	89228	56.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.820%	
50) Toluene-d8	10.178	98	353813	65.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.880%	
62) 4-Bromofluorobenzene	12.483	95	125764	56.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.800%	
Target Compounds						
11) Tert butyl alcohol	4.929	59	598	Below Cal	#	74
16) Acetone	3.948	43	3427	6.819	ug/l	99
20) Methylene Chloride	4.716	84	15300	Below Cal	#	83
25) 2-Butanone	6.990	43	753	1.357	ug/l	89
30) Chloroform	7.508	83	5101	1.525	ug/l	90
31) Cyclohexane	7.789	56	3170	1.205	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	11691	4.349	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17533	5.050	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	67343	50.778	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67343	104.625	ug/l #	13

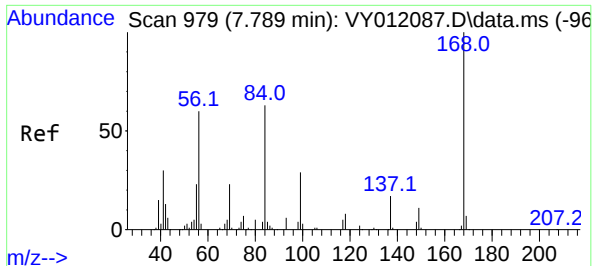
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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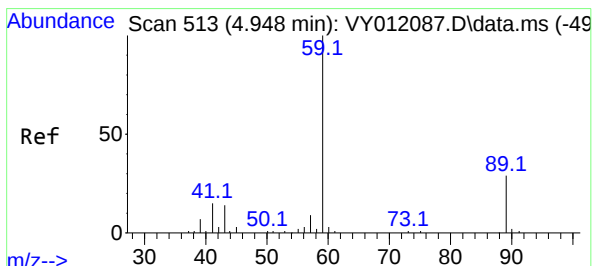
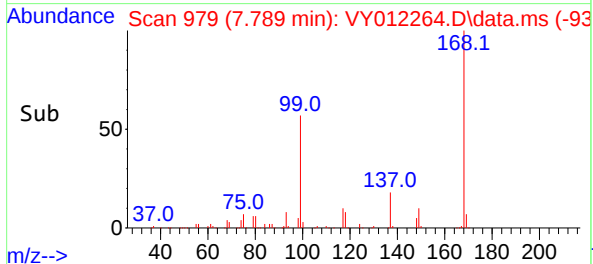
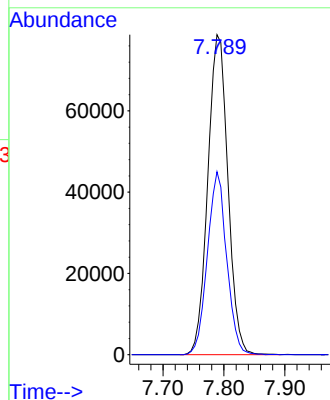
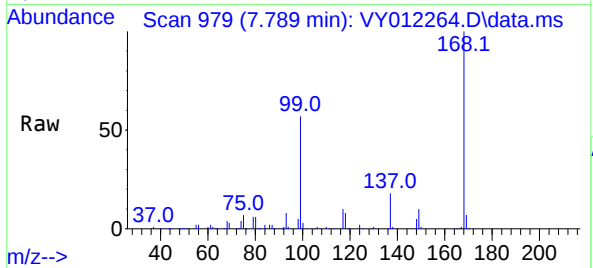




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

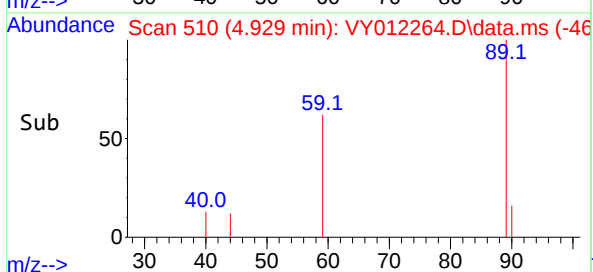
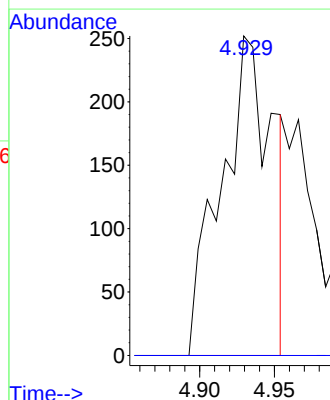
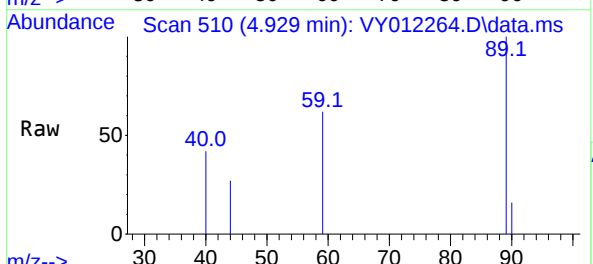
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-20-30

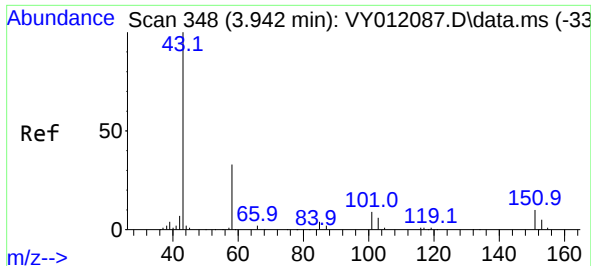
Tgt Ion:168 Resp: 180477
Ion Ratio Lower Upper
168 100
99 57.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 59 Resp: 598
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

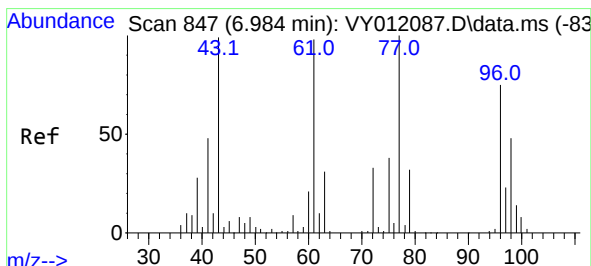
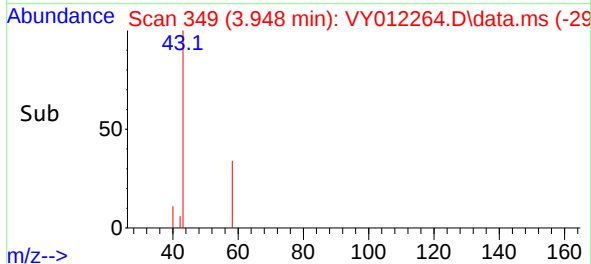
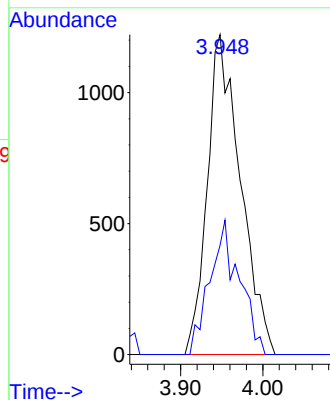
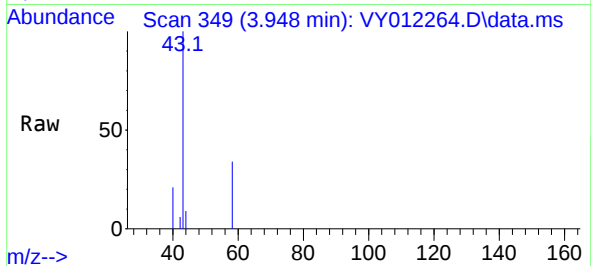




#16
Acetone
Concen: 6.819 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

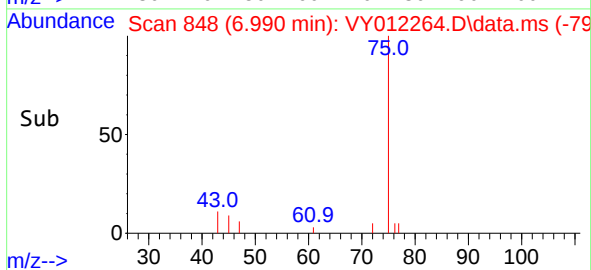
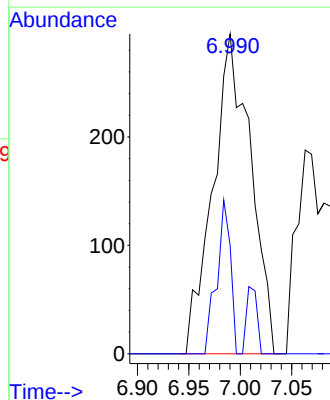
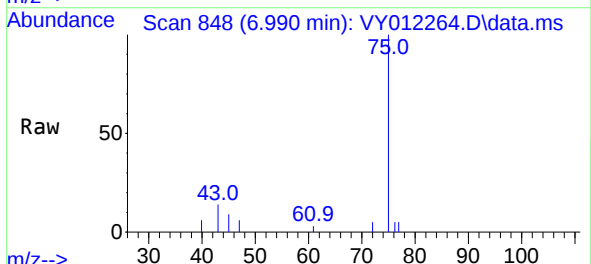
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-20-30

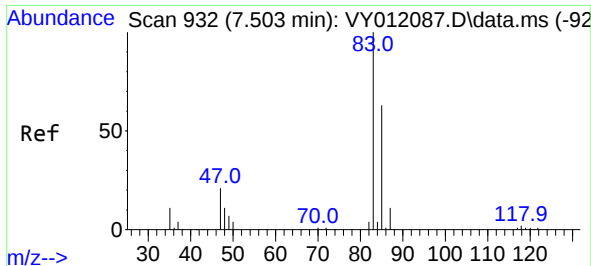
Tgt Ion: 43 Resp: 3427
Ion Ratio Lower Upper
43 100
58 34.2 27.9 41.9



#25
2-Butanone
Concen: 1.357 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
72 33.9 22.6 34.0

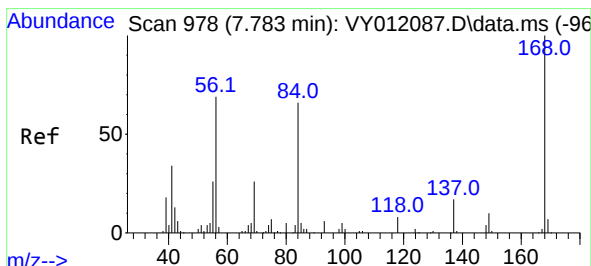
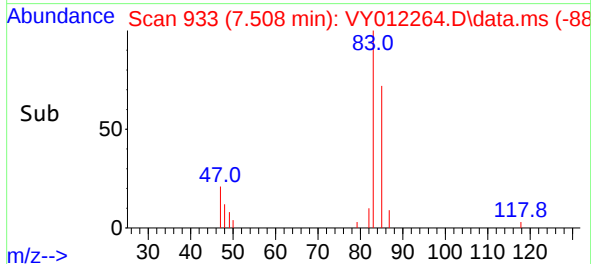
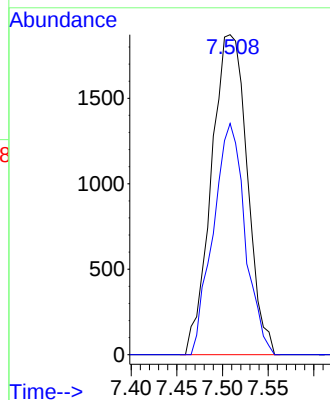
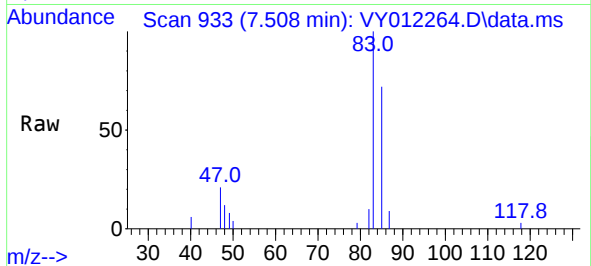




#30
Chloroform
Concen: 1.525 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

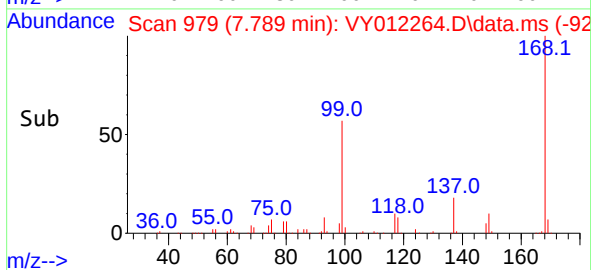
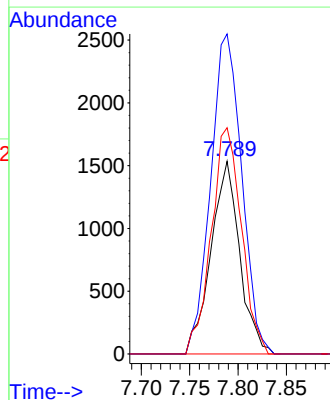
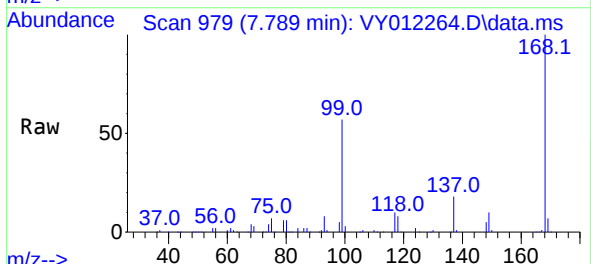
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-20-30

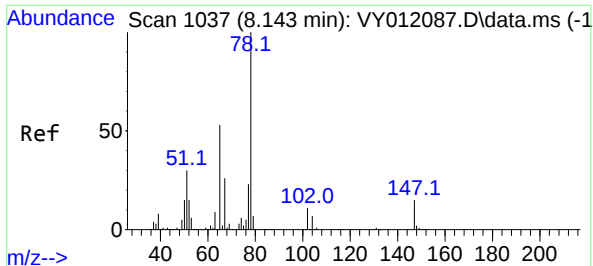
Tgt Ion: 83 Resp: 5101
Ion Ratio Lower Upper
83 100
85 72.3 51.5 77.3



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 56 Resp: 3170
Ion Ratio Lower Upper
56 100
69 166.1 29.2 43.8#
84 117.4 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 73.957 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012264.D

Acq: 19 Jan 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

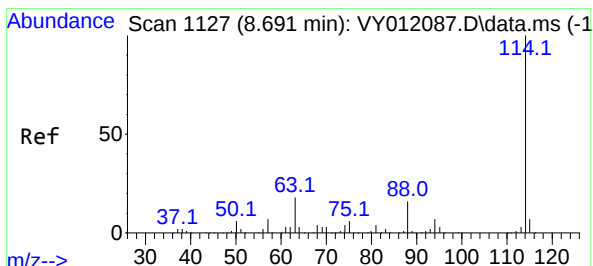
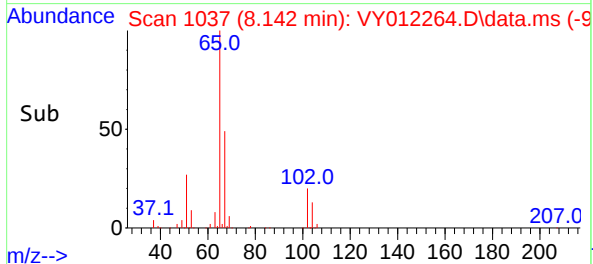
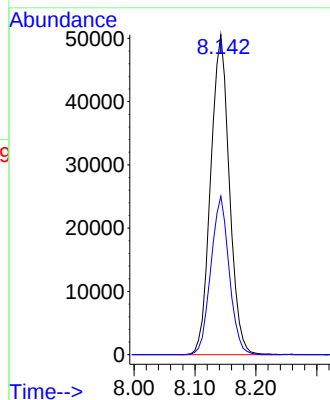
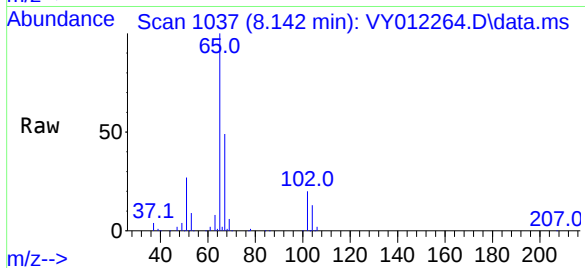
TJRC-011823-B3-20-30

Tgt Ion: 65 Resp: 107817

Ion Ratio Lower Upper

65 100

67 48.5 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: VY012264.D

Acq: 19 Jan 2023 14:37

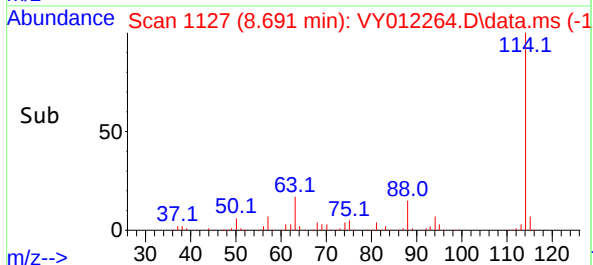
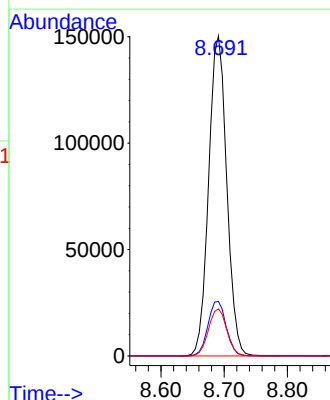
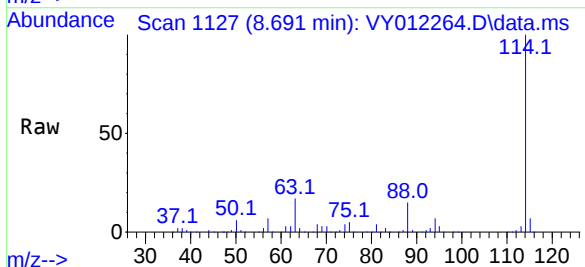
Tgt Ion: 114 Resp: 298743

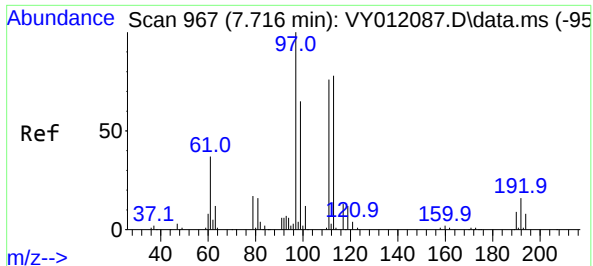
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.7 0.0 32.2

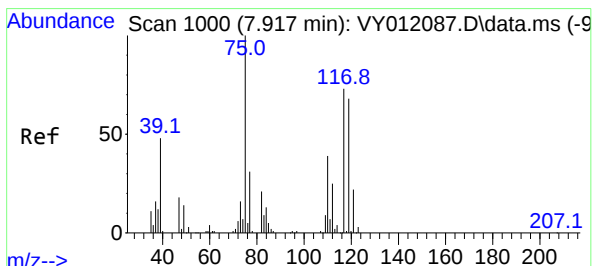
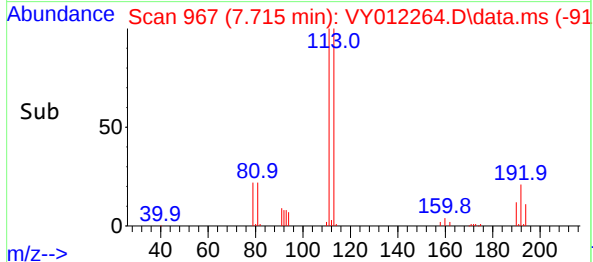
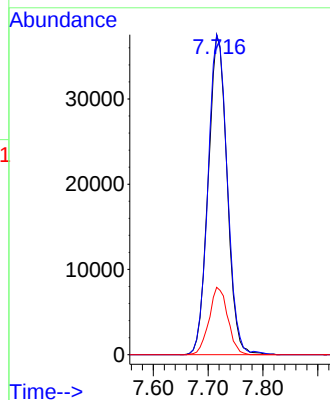
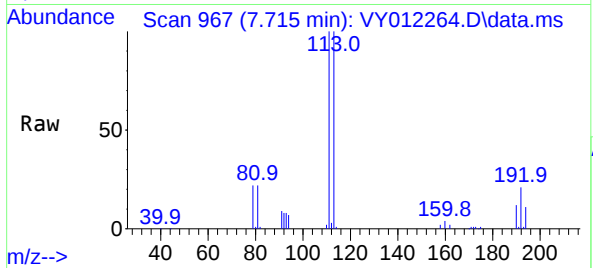




#35
Dibromofluoromethane
Concen: 56.408 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

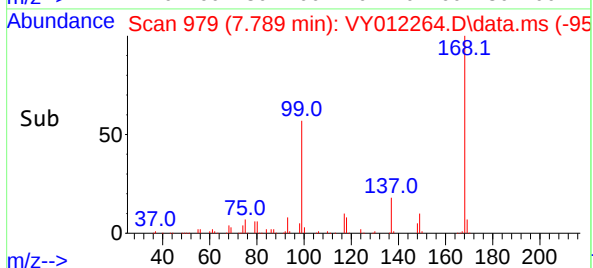
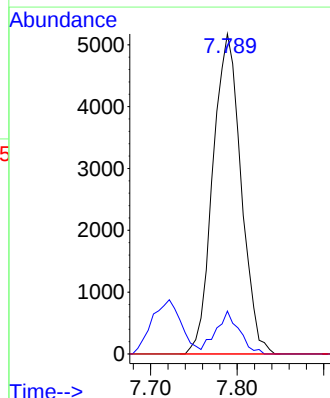
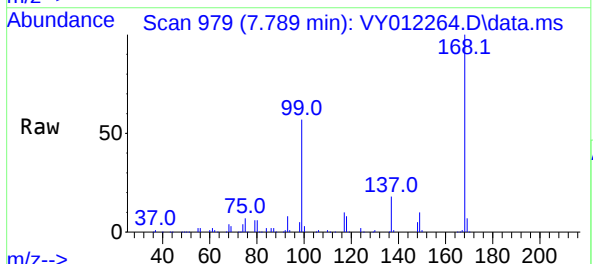
Instrument :
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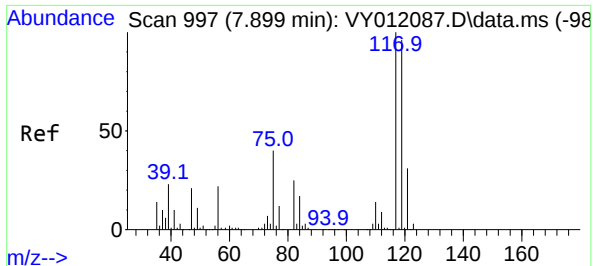
Tgt Ion:113 Resp: 89228
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 75 Resp: 11691
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.1#
77 0.0 25.1 37.7#

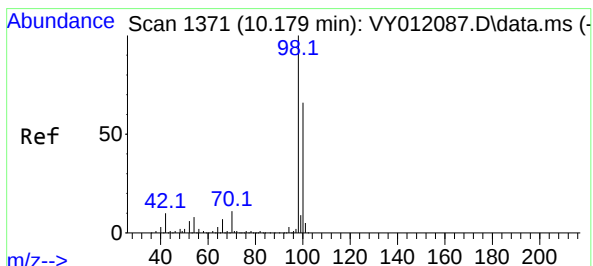
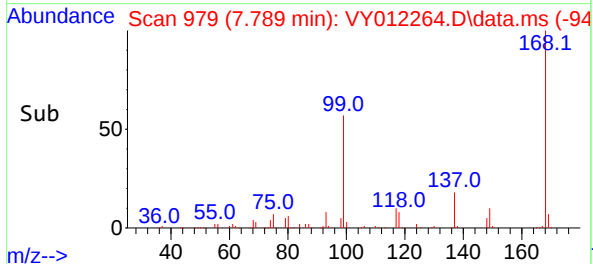
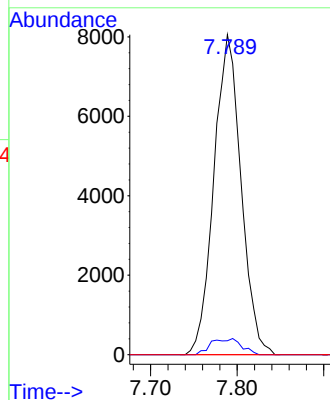
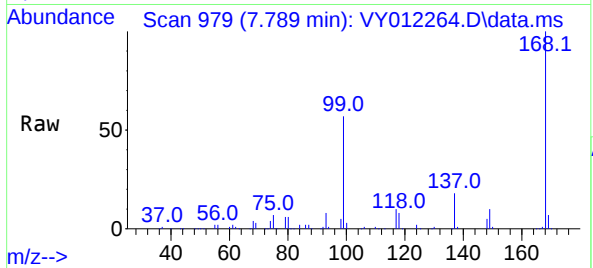




#38
Carbon Tetrachloride
Concen: 5.050 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

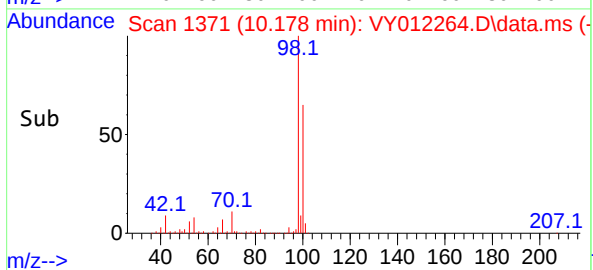
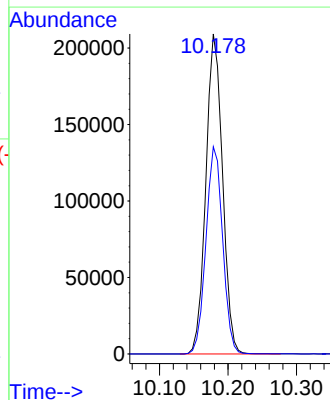
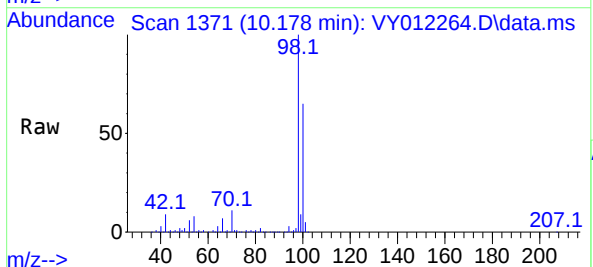
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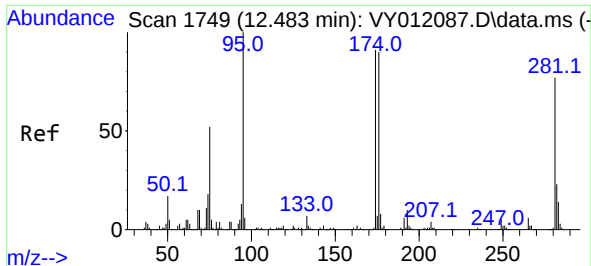
Tgt Ion:117 Resp: 17533
Ion Ratio Lower Upper
117 100
119 4.4 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.936 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 98 Resp: 353813
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



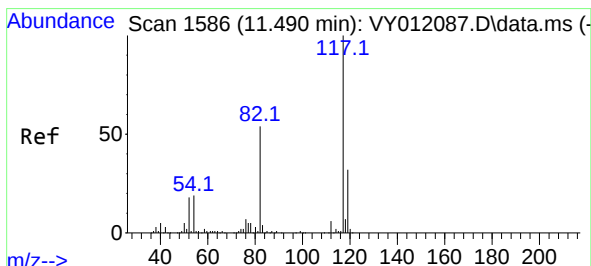
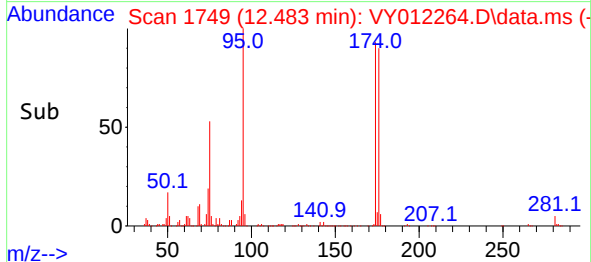
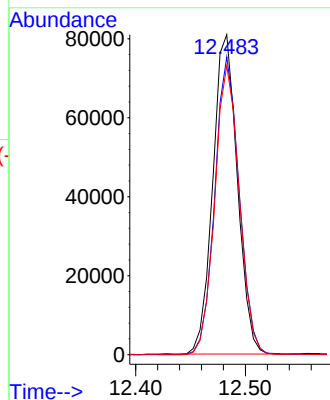
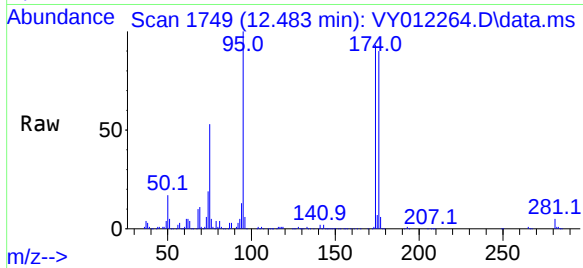


#62
4-Bromofluorobenzene
Concen: 56.399 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-20-30

Tgt Ion: 95 Resp: 125764

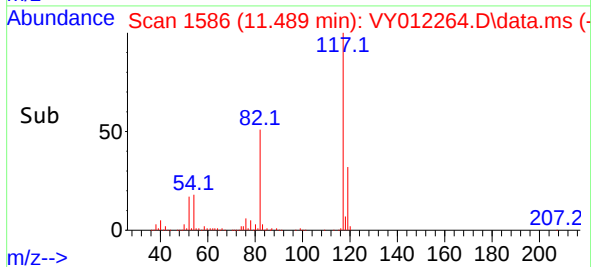
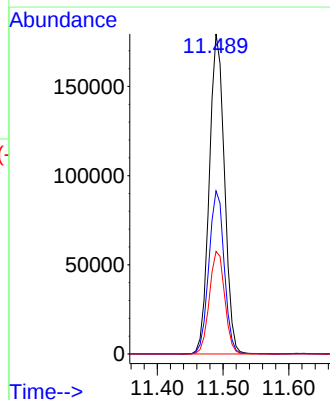
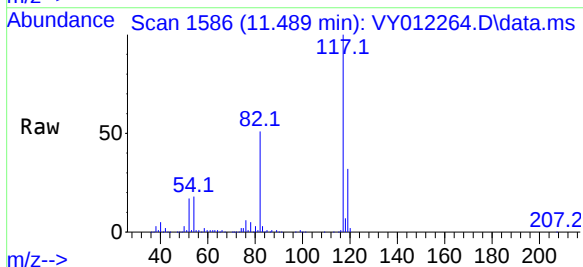
Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	172.0
176	90.5	0.0	167.6

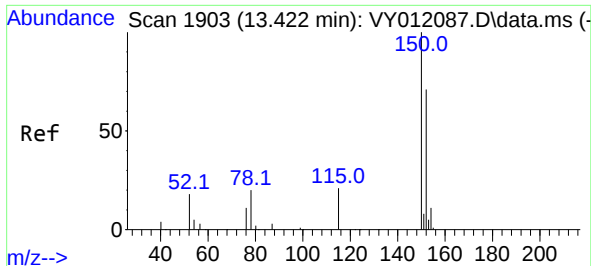


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 117 Resp: 288128

Ion	Ratio	Lower	Upper
117	100		
82	51.0	44.8	67.2
119	32.1	25.4	38.2

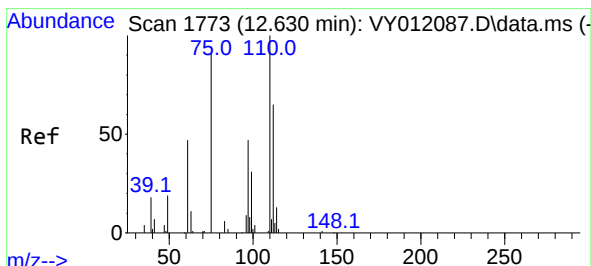
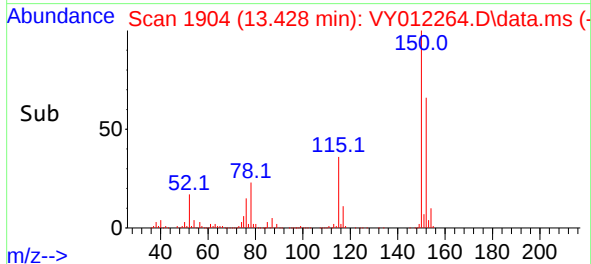
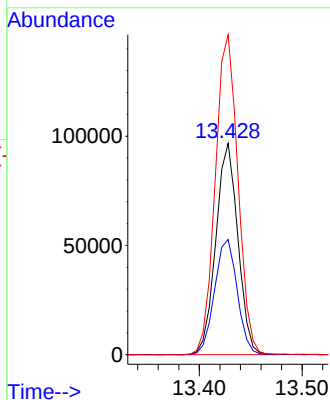
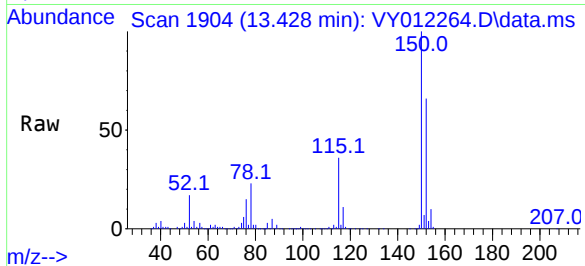




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

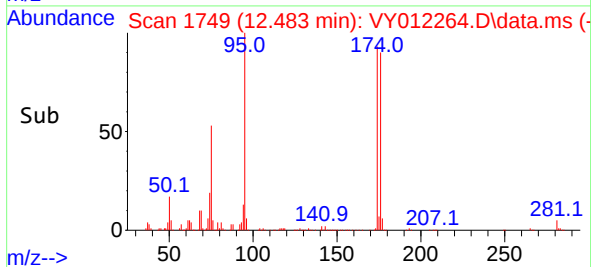
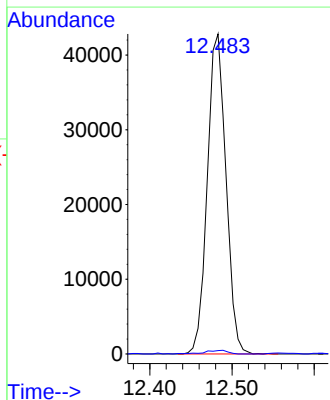
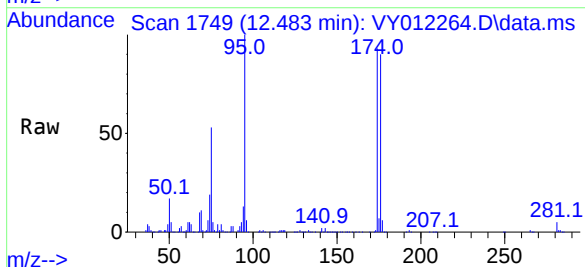
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-20-30

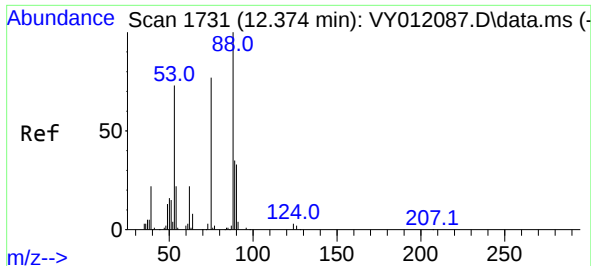
Tgt Ion:152 Resp: 144227
Ion Ratio Lower Upper
152 100
115 56.3 29.1 87.3
150 155.5 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

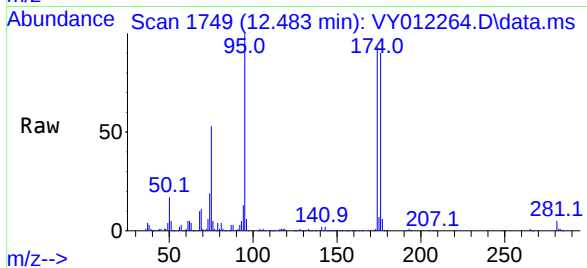
Tgt Ion: 75 Resp: 67343
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.625 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012264.D
 Acq: 19 Jan 2023 14:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011823-B3-20-30



Tgt Ion: 75 Resp: 67343
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.5 108.7#
 89 0.0 37.0 55.4#

