

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009751.D
 Acq On : 28 Jul 2022 15:14
 Operator : KP/MD
 Sample : N3925-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-072722-B

Quant Time: Jul 29 02:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

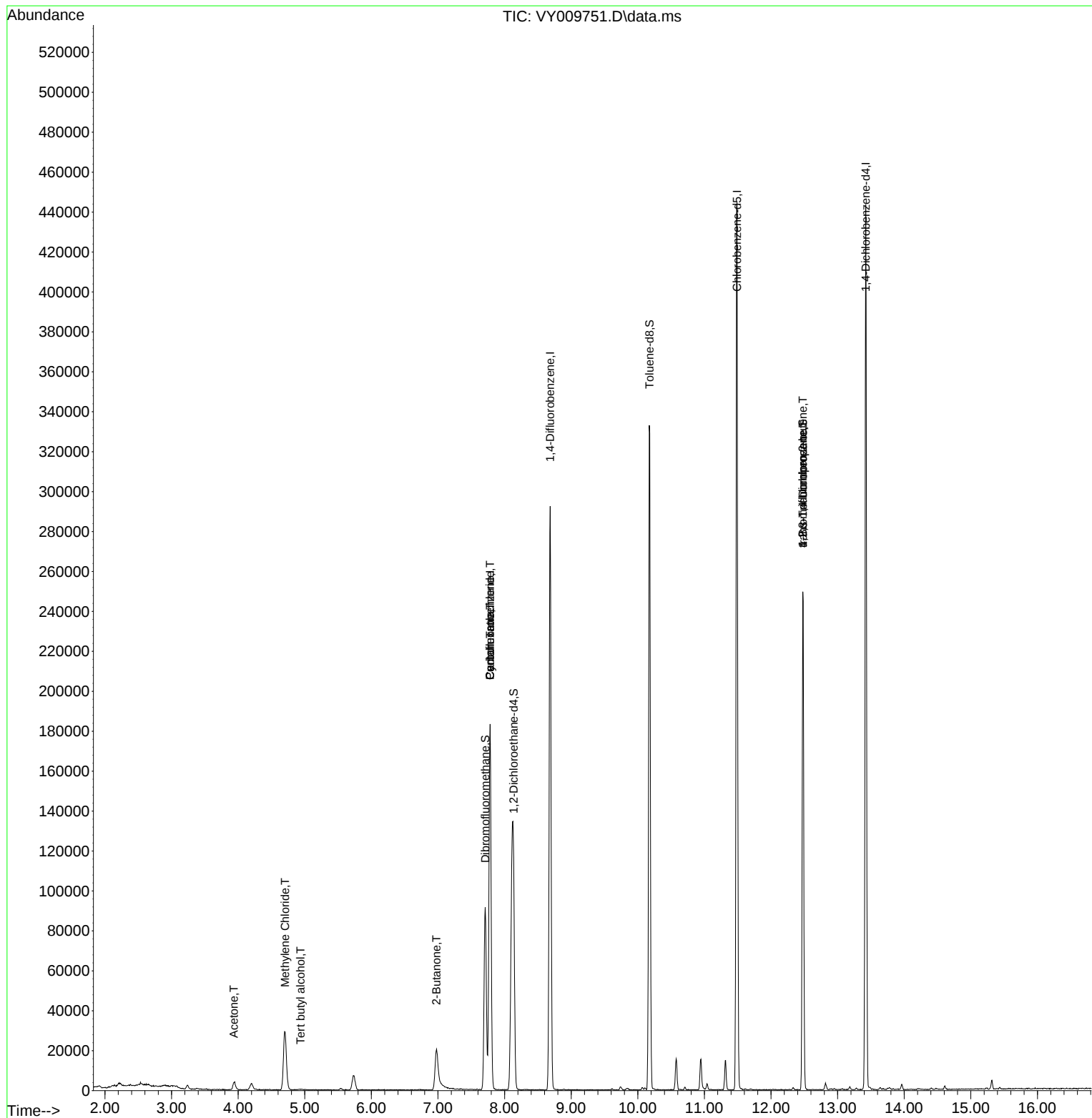
Internal Standards						
1) Pentafluorobenzene	7.783	168	153151	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	257983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66474	66.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.920%
35) Dibromofluoromethane	7.710	113	65243	46.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.000%
50) Toluene-d8	10.179	98	223524	55.136	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	110.280%
62) 4-Bromofluorobenzene	12.477	95	69368	37.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	426	2.019	ug/l #	77
16) Acetone	3.936	43	7297	19.928	ug/l #	87
18) Methyl Acetate	4.472	43	148	Below Cal	#	56
20) Methylene Chloride	4.704	84	23077	4.272	ug/l #	84
25) 2-Butanone	6.978	43	1386	2.566	ug/l #	81
31) Cyclohexane	7.783	56	2574	1.056	ug/l #	1
38) Carbon Tetrachloride	7.783	117	13813	5.646	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	36044	32.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36044	65.615	ug/l #	7

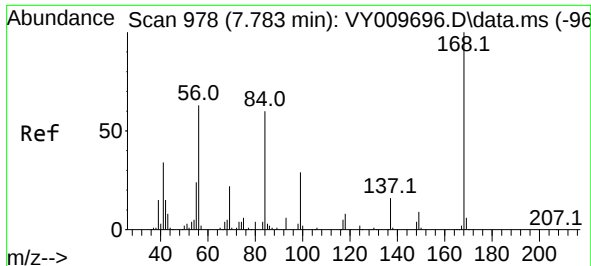
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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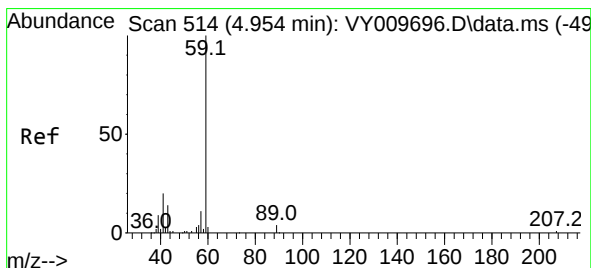
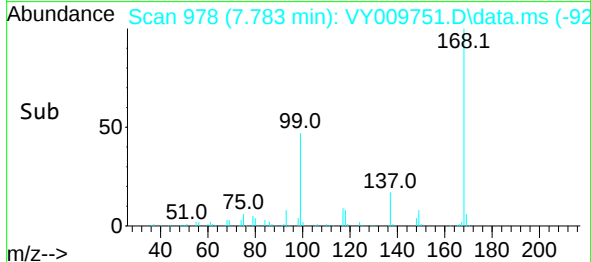
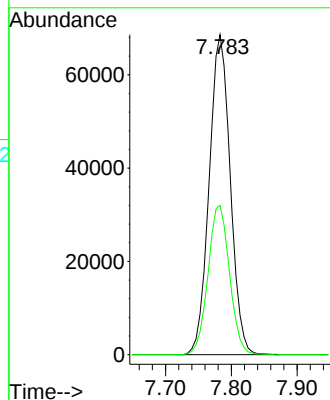
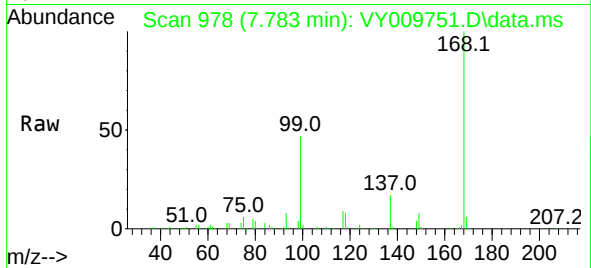




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

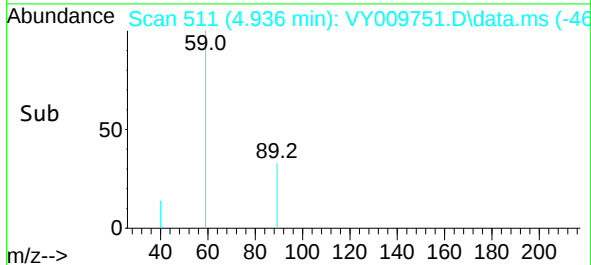
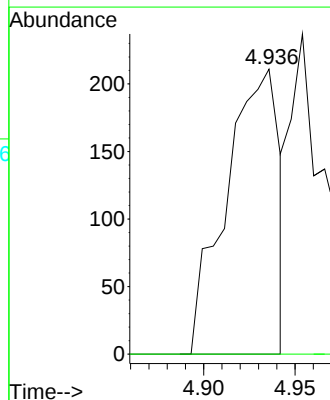
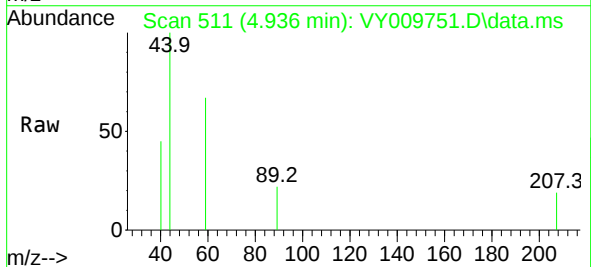
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-B

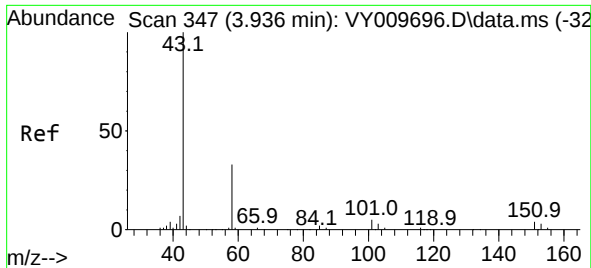
Tgt Ion:168 Resp: 153151
Ion Ratio Lower Upper
168 100
99 46.7 46.9 70.3#



#11
Tert butyl alcohol
Concen: 2.019 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

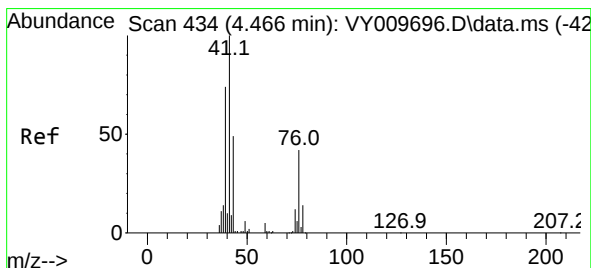
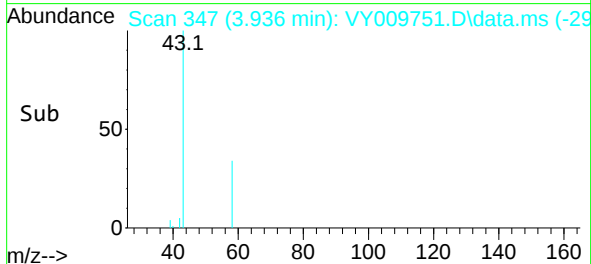
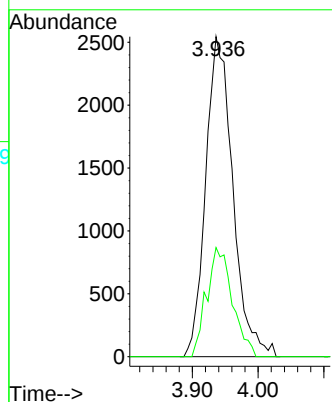
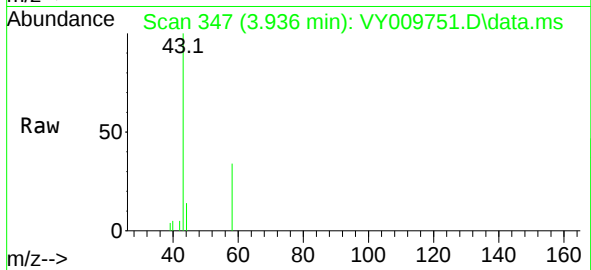




#16
Acetone
Concen: 19.928 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

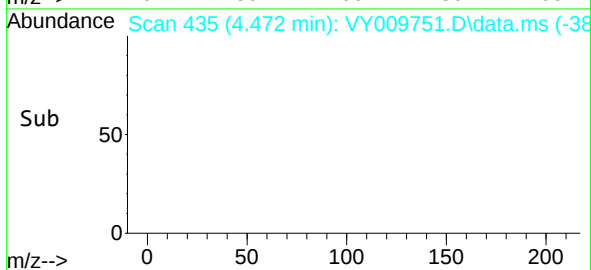
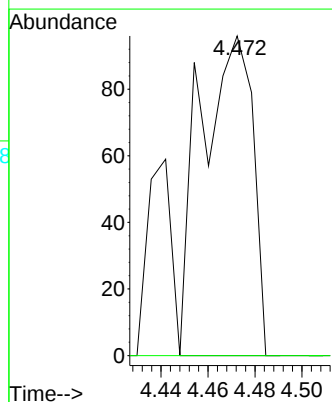
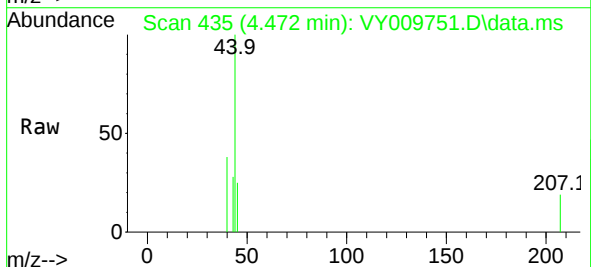
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-B

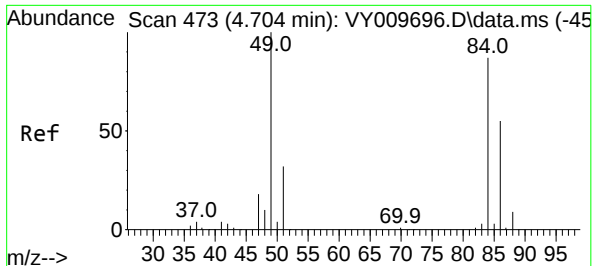
Tgt Ion: 43 Resp: 7297
Ion Ratio Lower Upper
43 100
58 34.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: 4.272 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009751.D

Acq: 28 Jul 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-072722-B

Tgt Ion: 84 Resp: 23077

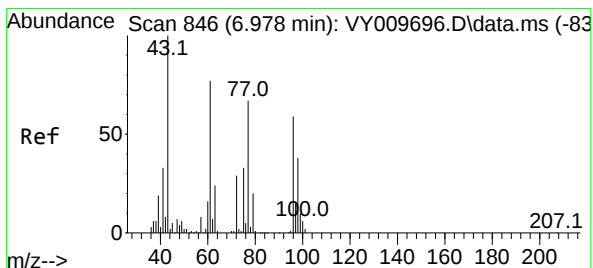
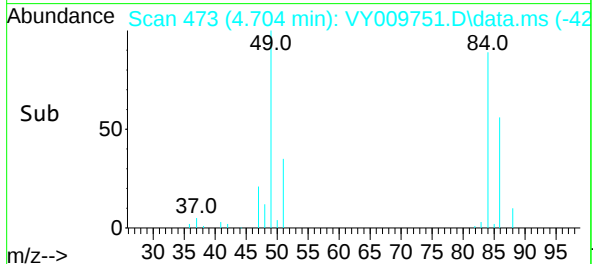
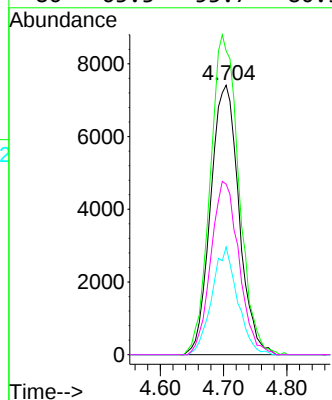
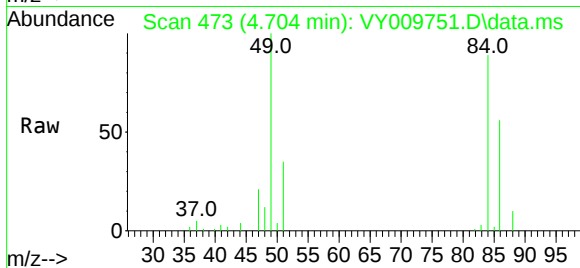
Ion Ratio Lower Upper

84 100

49 112.8 114.4 171.6#

51 40.0 35.3 52.9

86 63.3 53.7 80.5



#25

2-Butanone

Concen: 2.566 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009751.D

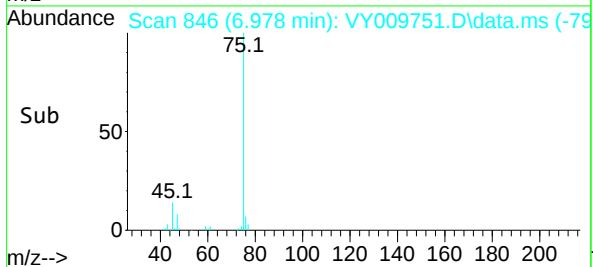
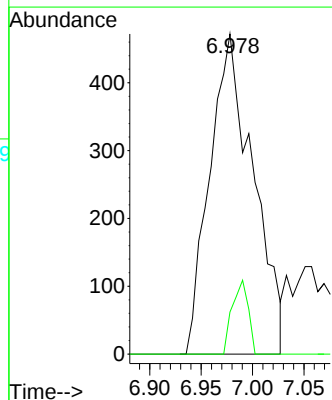
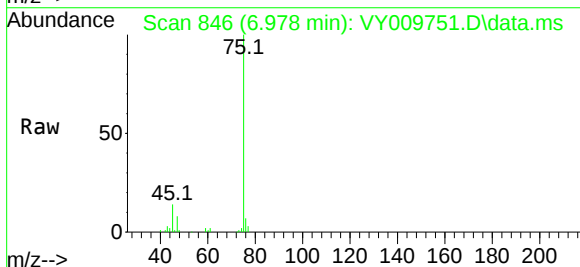
Acq: 28 Jul 2022 15:14

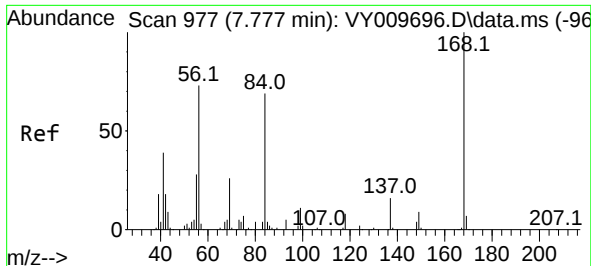
Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

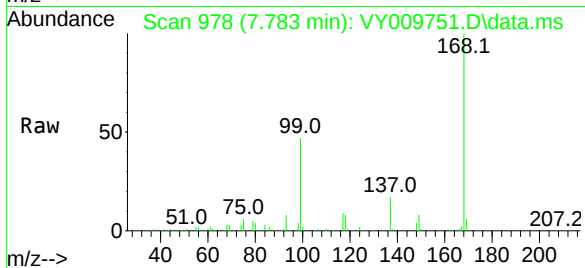
72 13.1 17.7 26.5#



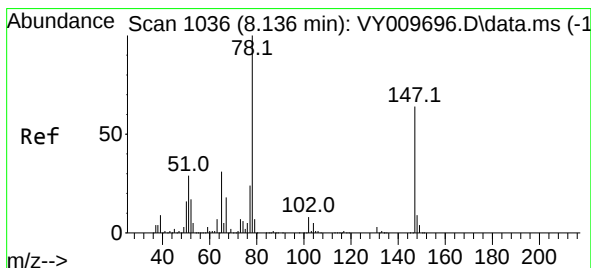
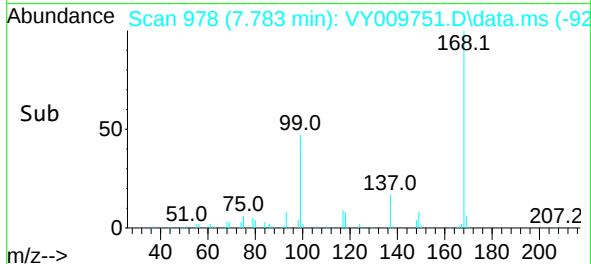
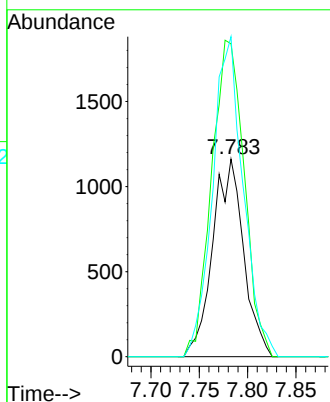


#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-B

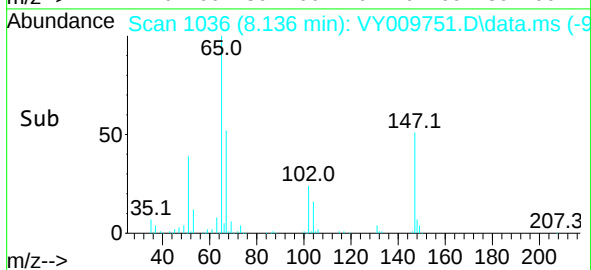
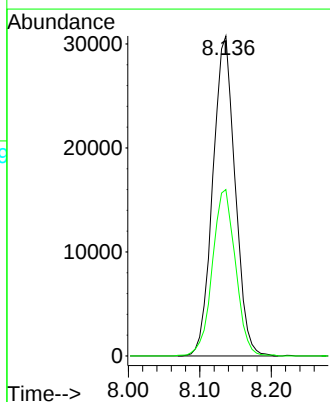
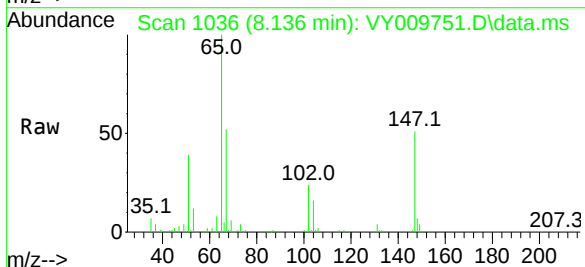


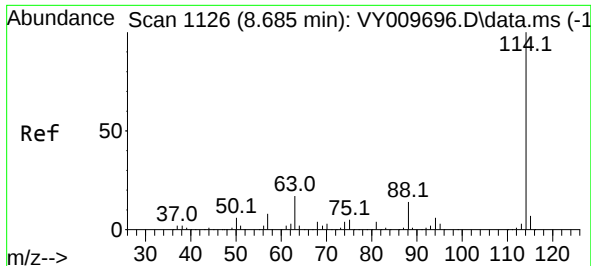
Tgt Ion: 56 Resp: 2574
Ion Ratio Lower Upper
56 100
69 158.3 26.7 40.1#
84 161.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.961 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

Tgt Ion: 65 Resp: 66474
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009751.D

Acq: 28 Jul 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-072722-B

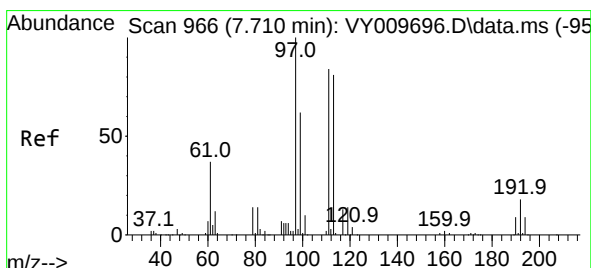
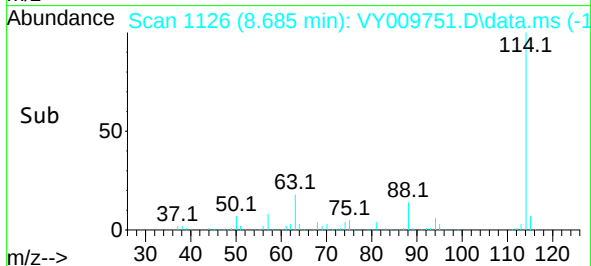
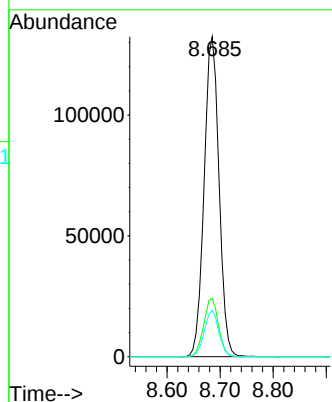
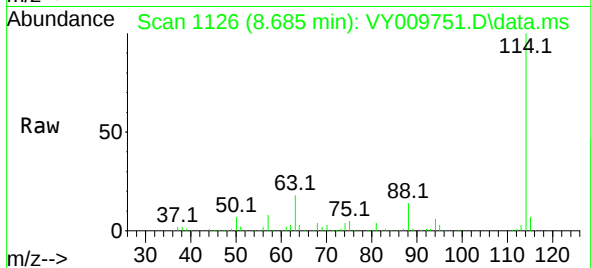
Tgt Ion:114 Resp: 257983

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.499 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009751.D

Acq: 28 Jul 2022 15:14

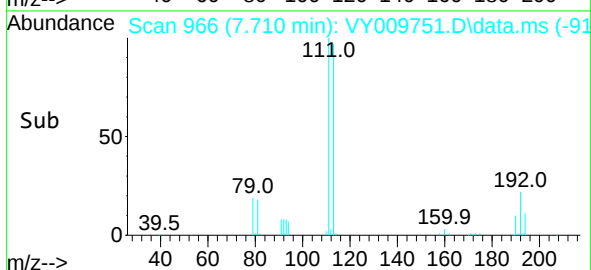
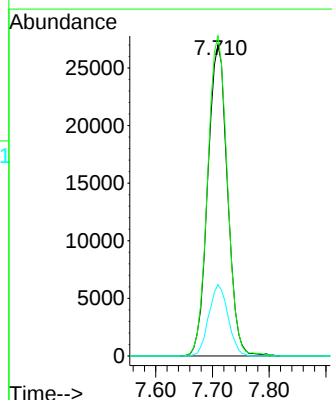
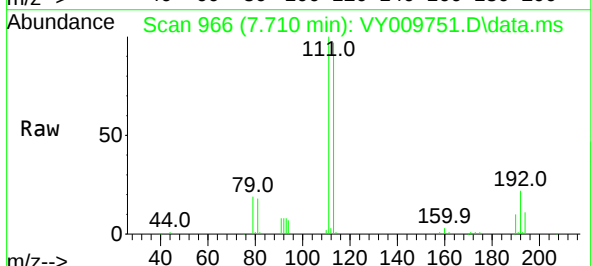
Tgt Ion:113 Resp: 65243

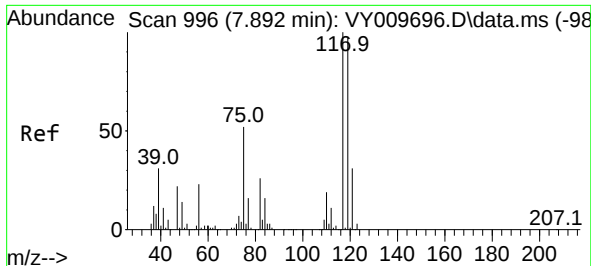
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 22.4 17.6 26.4

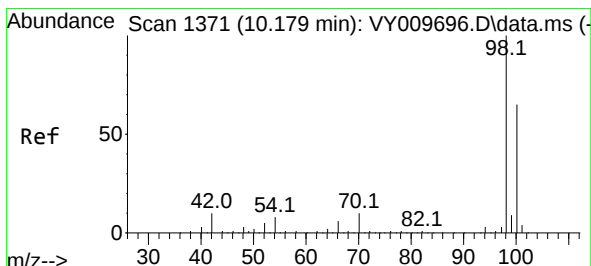
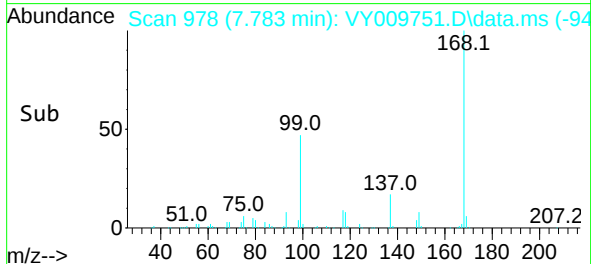
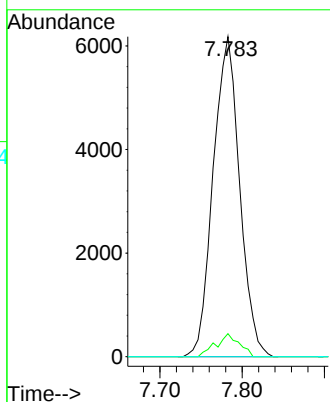
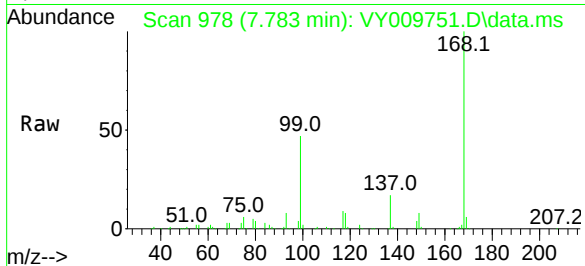




#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

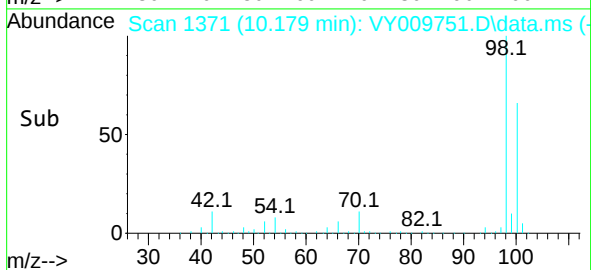
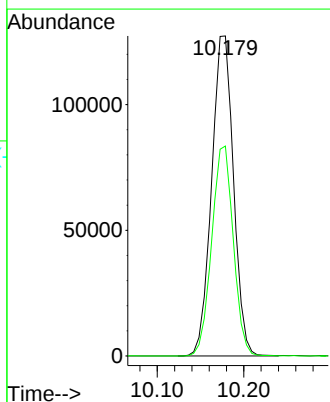
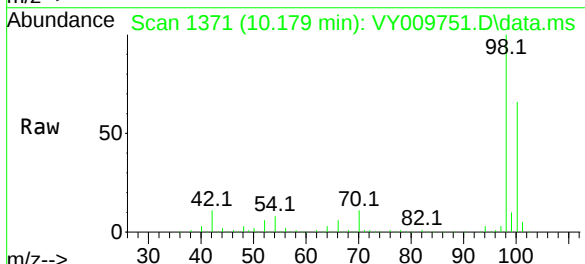
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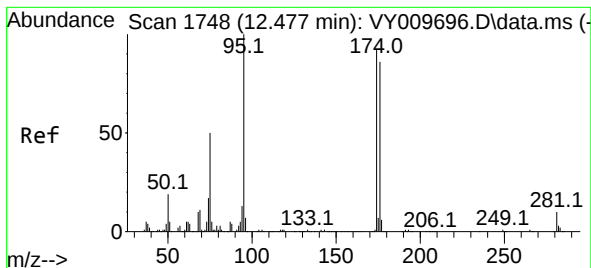
Tgt Ion:117 Resp: 13813
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.136 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

Tgt Ion: 98 Resp: 223524
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

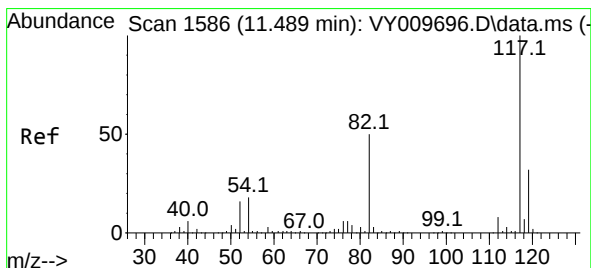
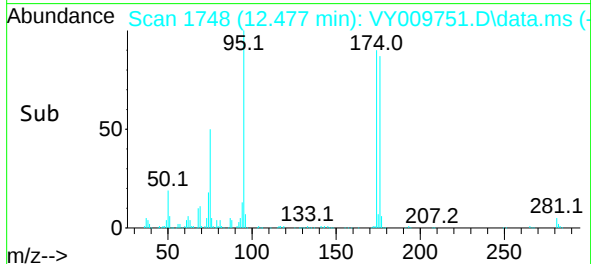
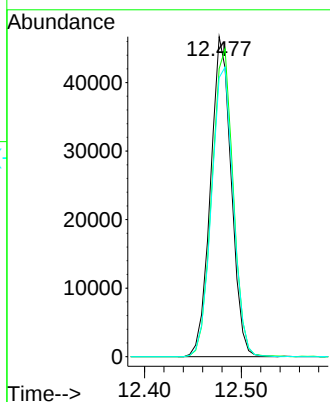
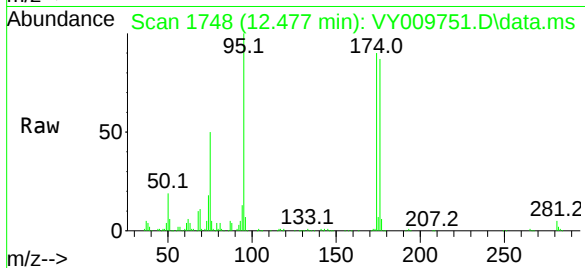




#62
4-Bromofluorobenzene
Concen: 37.285 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

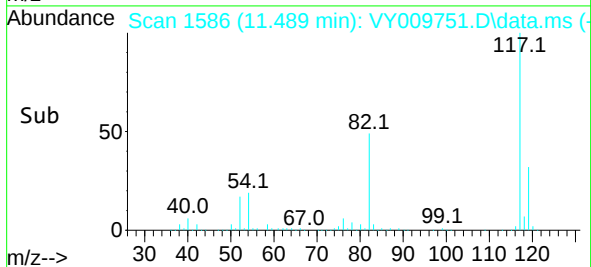
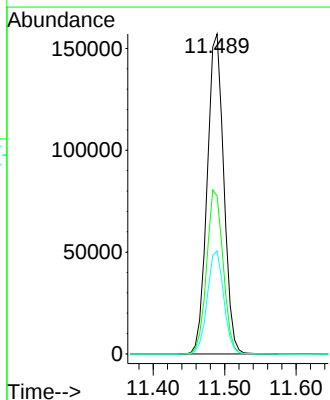
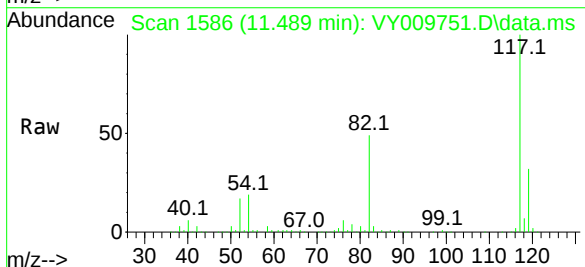
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-B

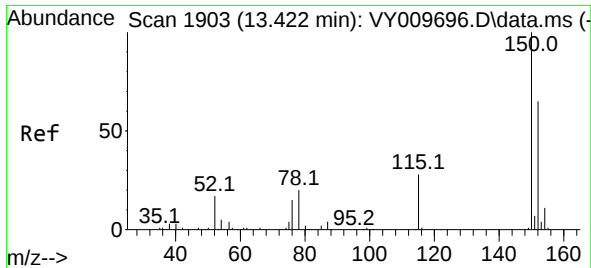
Tgt Ion: 95 Resp: 69368
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 94.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009751.D
Acq: 28 Jul 2022 15:14

Tgt Ion: 117 Resp: 252529
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.3 25.4 38.0

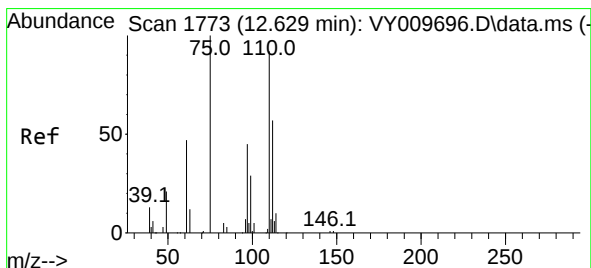
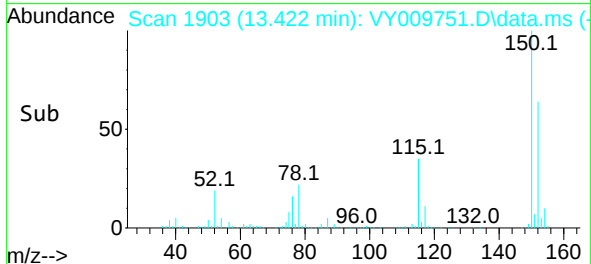
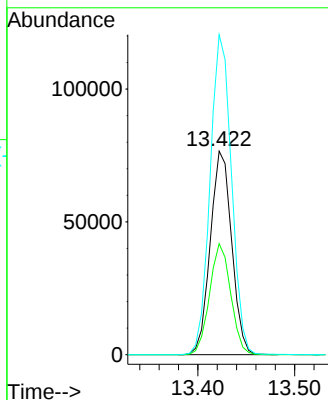
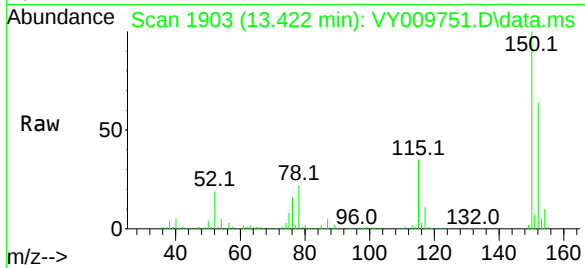




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009751.D
 Acq: 28 Jul 2022 15:14

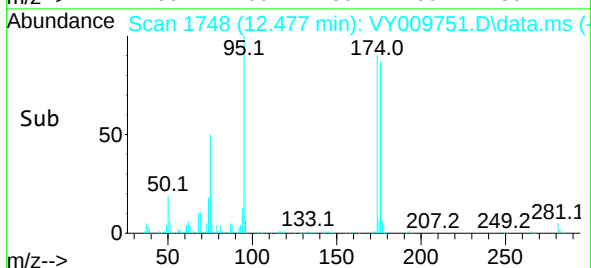
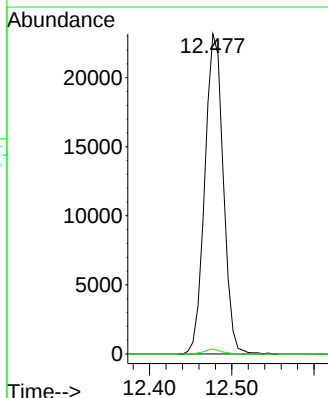
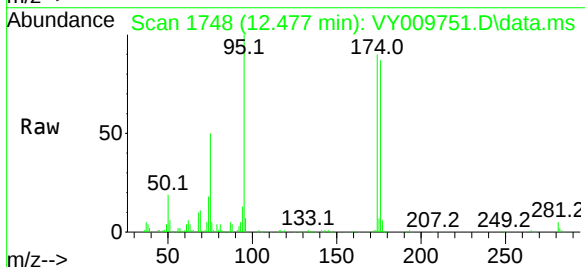
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-072722-B

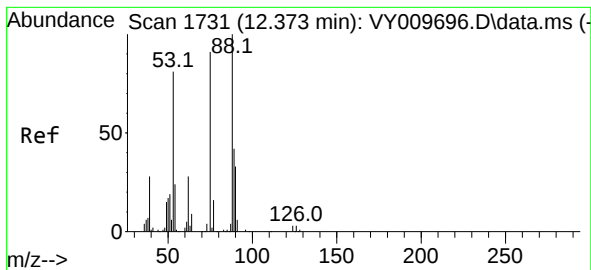
Tgt Ion:152 Resp: 117884
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 32.918 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009751.D
 Acq: 28 Jul 2022 15:14

Tgt Ion: 75 Resp: 36044
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.615 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009751.D
 Acq: 28 Jul 2022 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-072722-B

Tgt Ion: 75 Resp: 36044
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.1 37.0 55.4#

