

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009747.D
 Acq On : 28 Jul 2022 13:40
 Operator : KP/MD
 Sample : N3894-17
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-36

Quant Time: Jul 29 02:56:21 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)

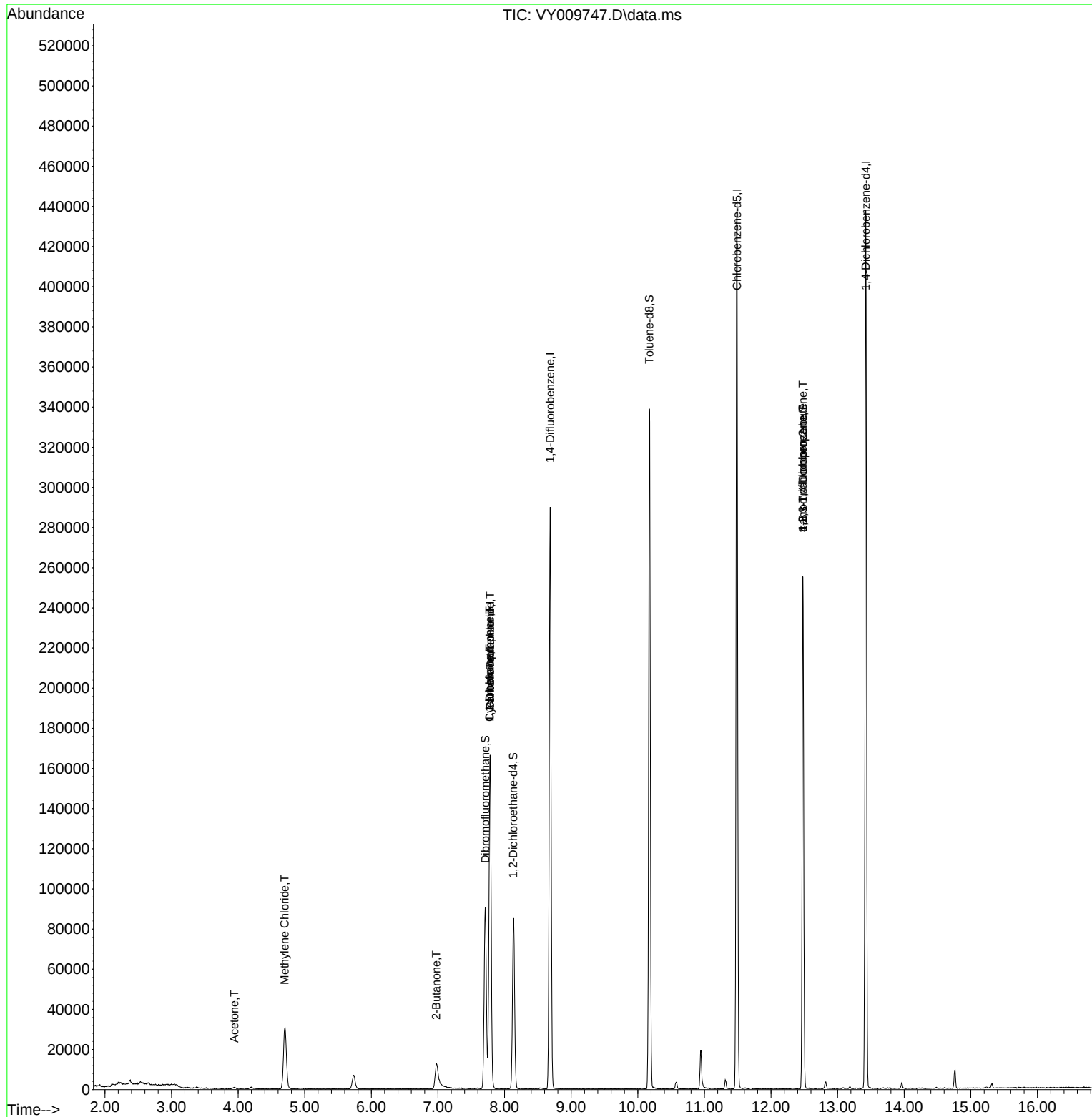
Internal Standards						
1) Pentafluorobenzene	7.783	168	139036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65937	73.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.400%
35) Dibromofluoromethane	7.710	113	62931	46.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.660%
50) Toluene-d8	10.173	98	224179	57.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.580%
62) 4-Bromofluorobenzene	12.477	95	72171	40.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	80.140%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1139	3.426	ug/l #	84
18) Methyl Acetate	4.473	43	214	Below Cal	#	56
20) Methylene Chloride	4.698	84	23806	6.492	ug/l #	85
25) 2-Butanone	6.972	43	834	1.701	ug/l #	54
31) Cyclohexane	7.777	56	2491	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	9781	4.425	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12342	5.211	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	36784	33.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36784	66.407	ug/l #	7

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

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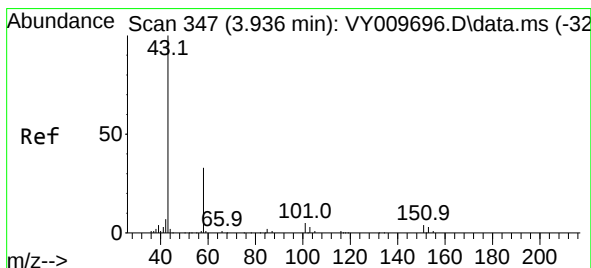
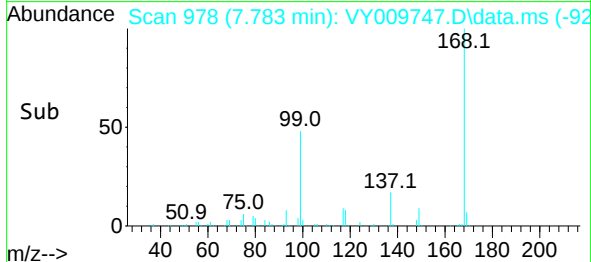
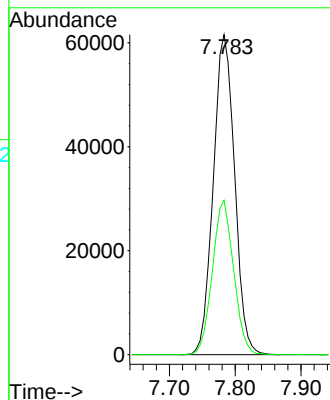
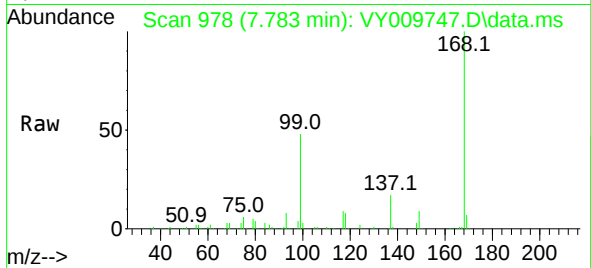




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

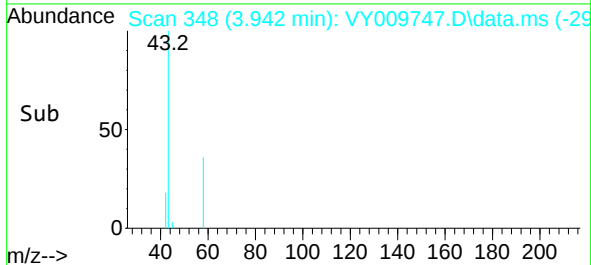
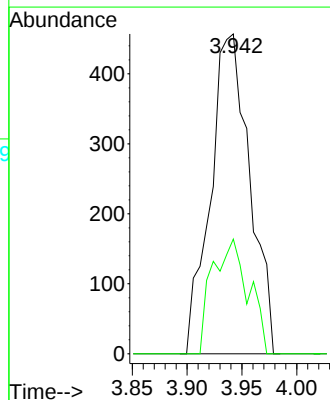
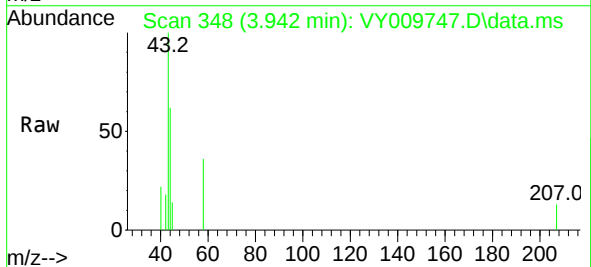
Instrument :
MSVOA_Y
ClientSampleId :
RVE-36

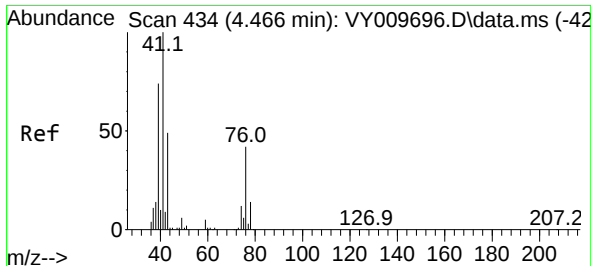
Tgt Ion:168 Resp: 139036
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#16
Acetone
Concen: 3.426 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 35.9 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY009747.D

Acq: 28 Jul 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

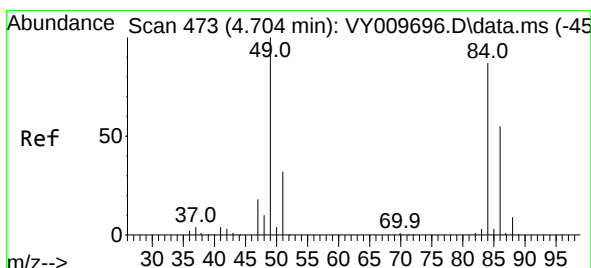
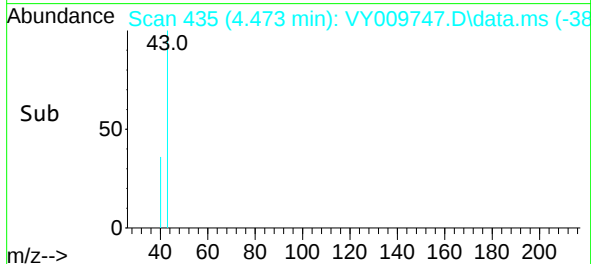
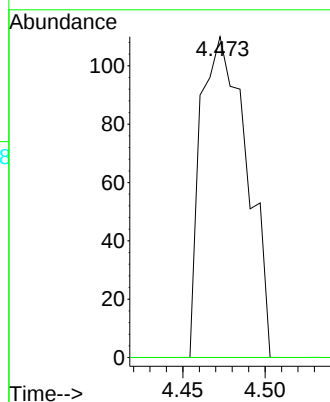
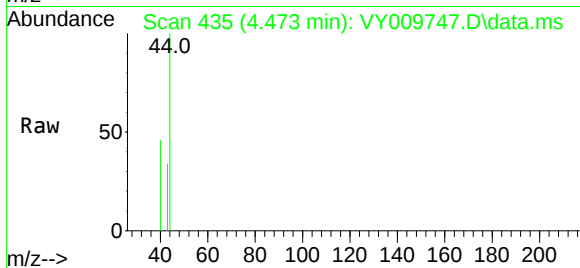
RVE-36

Tgt Ion: 43 Resp: 214

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 6.492 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY009747.D

Acq: 28 Jul 2022 13:40

Tgt Ion: 84 Resp: 23806

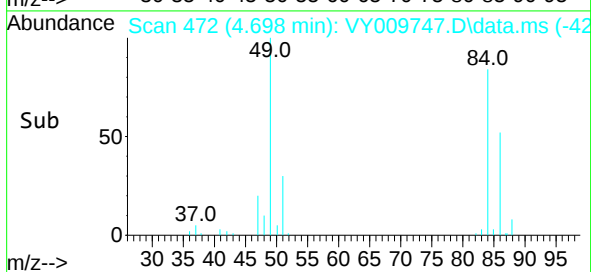
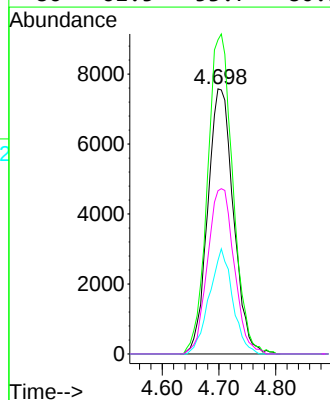
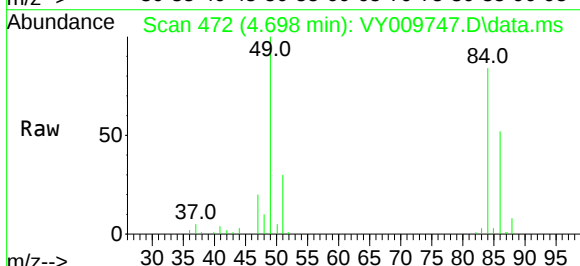
Ion Ratio Lower Upper

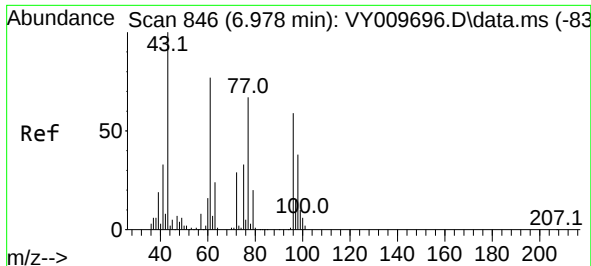
84 100

49 118.5 114.4 171.6

51 35.2 35.3 52.9#

86 61.5 53.7 80.5

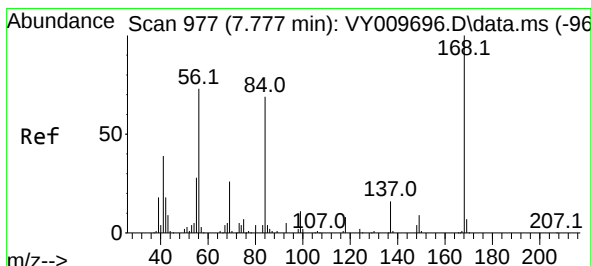
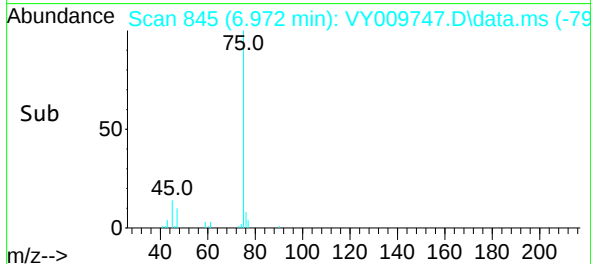
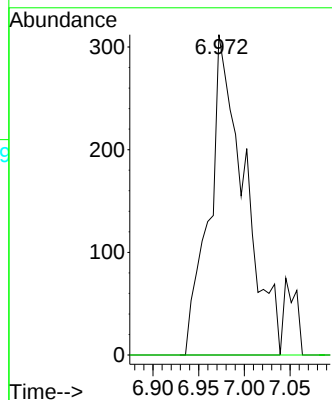
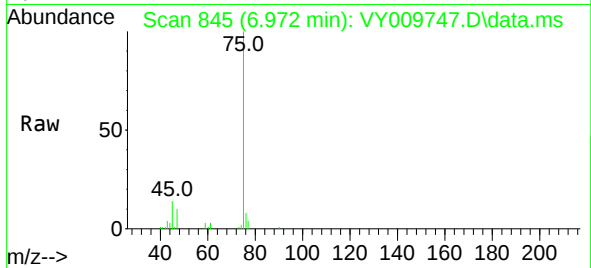




#25
2-Butanone
Concen: 1.701 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

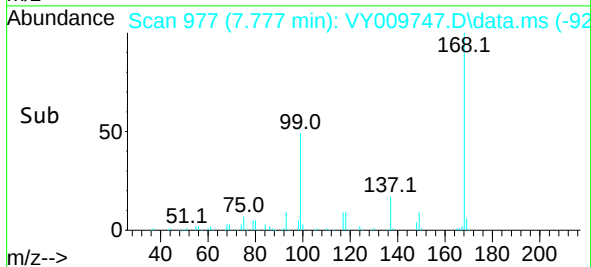
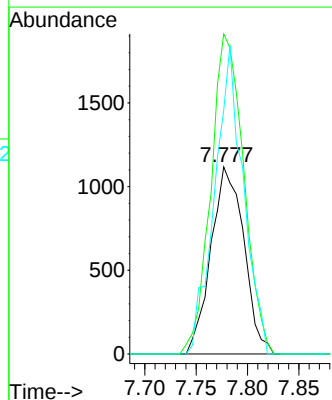
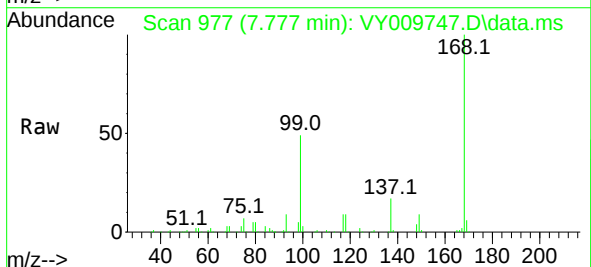
Instrument :
MSVOA_Y
ClientSampleId :
RVE-36

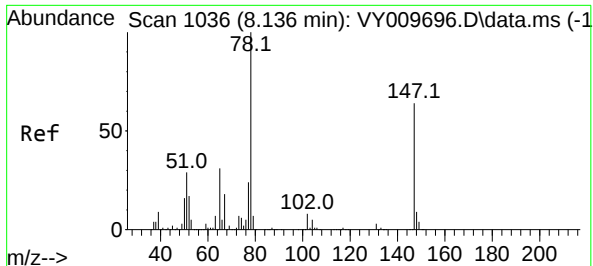
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

Tgt Ion: 56 Resp: 2491
Ion Ratio Lower Upper
56 100
69 171.0 26.7 40.1#
84 130.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 73.696 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009747.D

Acq: 28 Jul 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

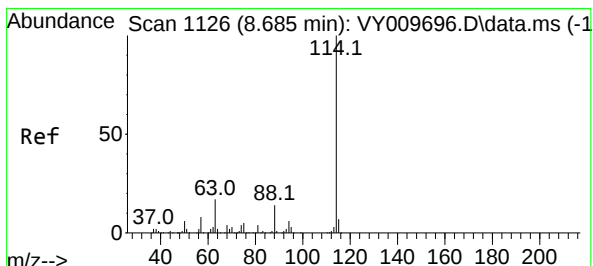
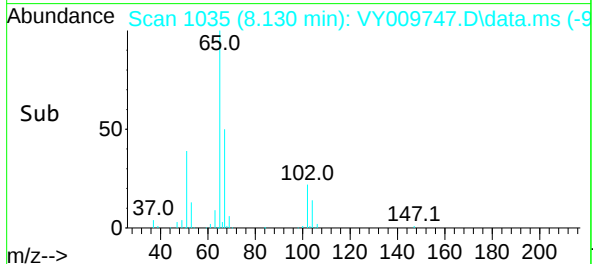
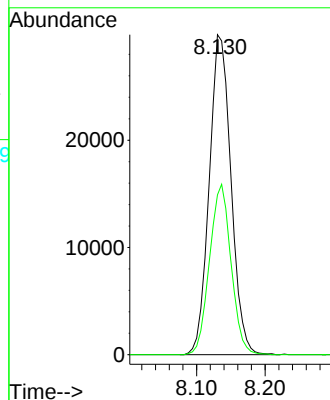
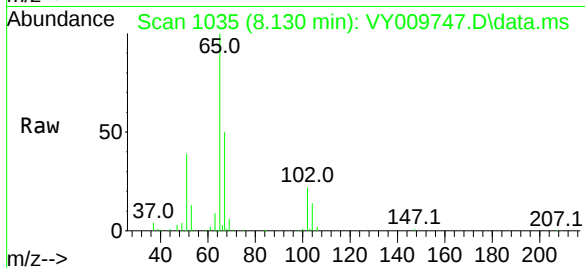
RVE-36

Tgt Ion: 65 Resp: 65937

Ion Ratio Lower Upper

65 100

67 52.6 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: VY009747.D

Acq: 28 Jul 2022 13:40

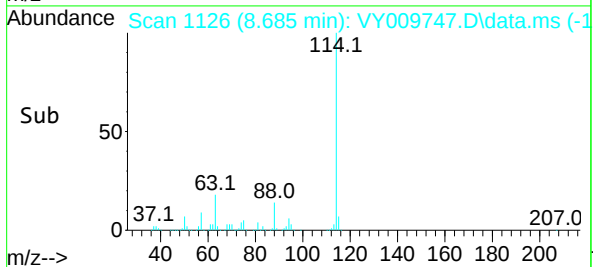
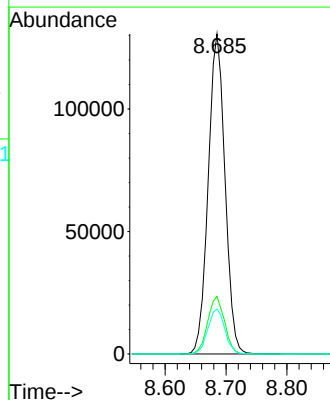
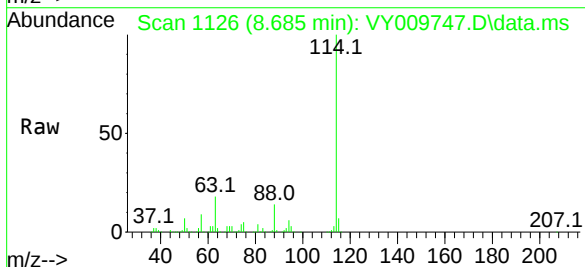
Tgt Ion: 114 Resp: 249740

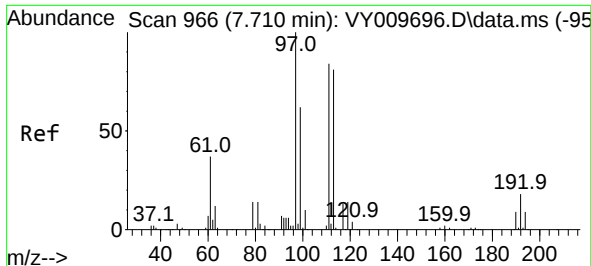
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.0 0.0 31.8

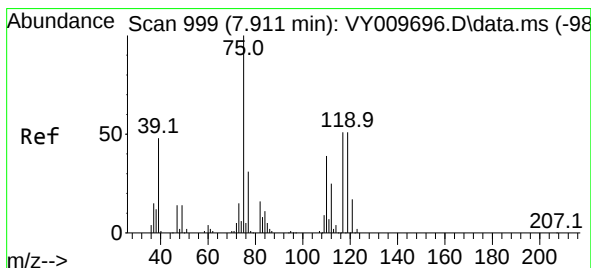
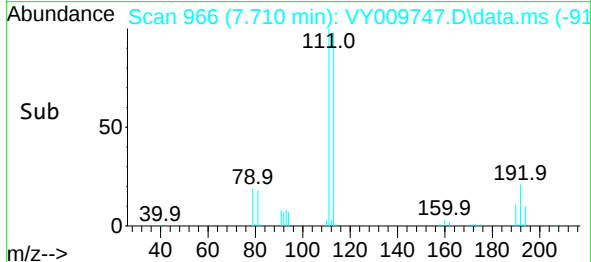
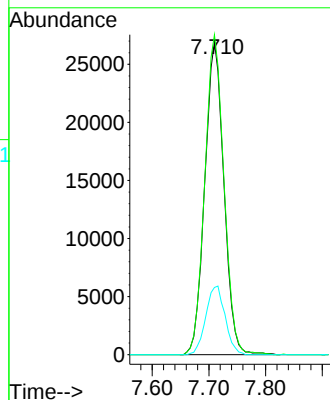
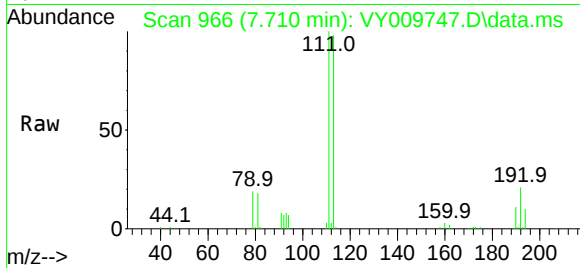




#35
Dibromofluoromethane
Concen: 46.332 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

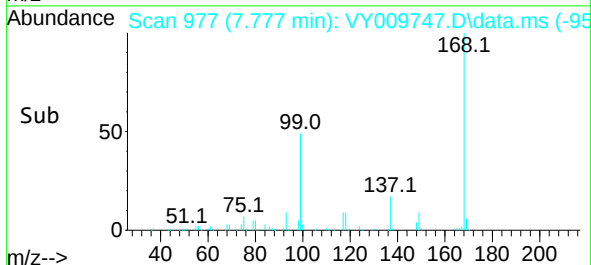
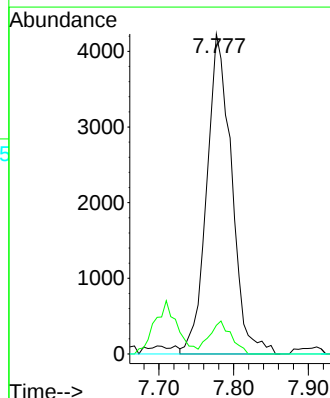
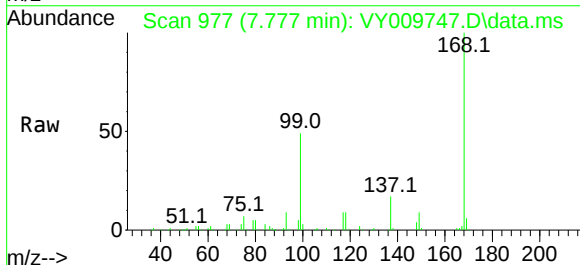
Instrument :
MSVOA_Y
ClientSampleId :
RVE-36

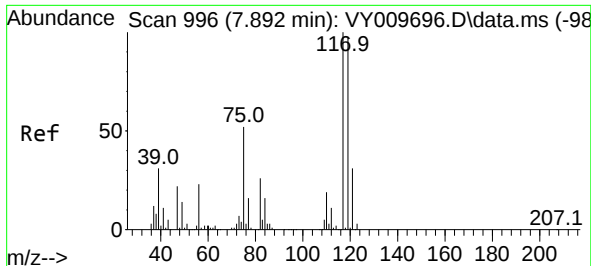
Tgt Ion:113 Resp: 62931
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

Tgt Ion: 75 Resp: 9781
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

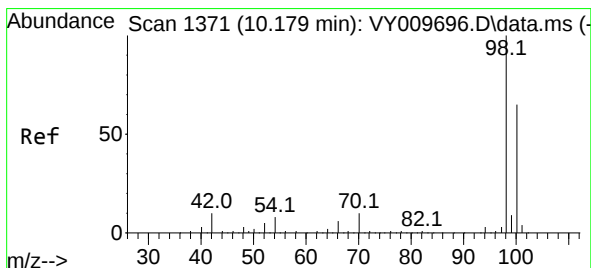
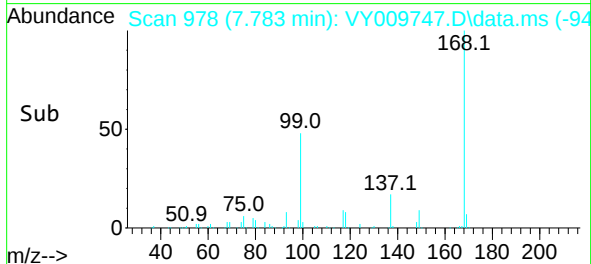
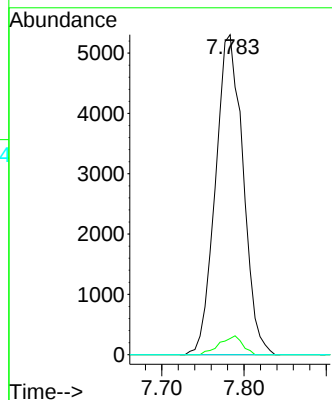
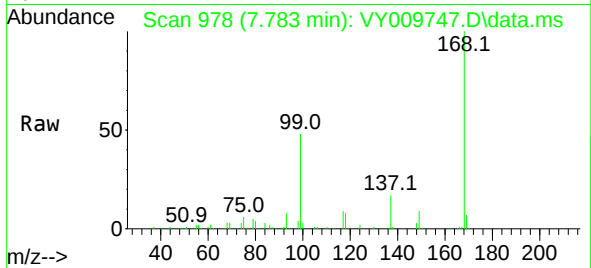




#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

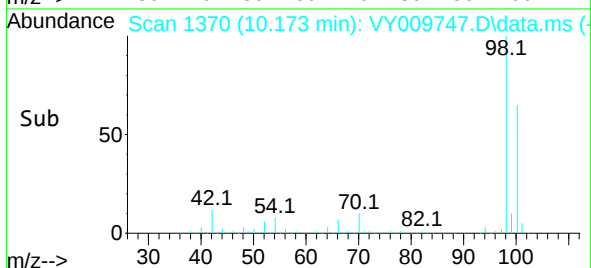
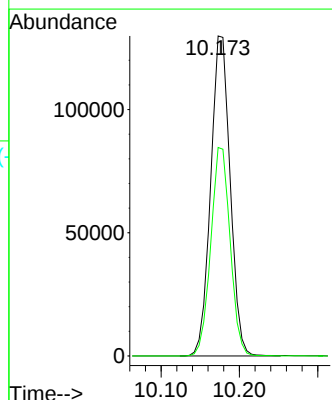
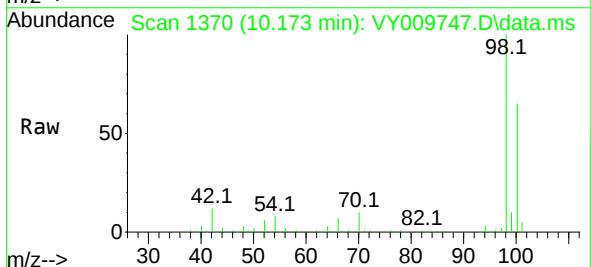
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ClientSampleId :
RVE-36

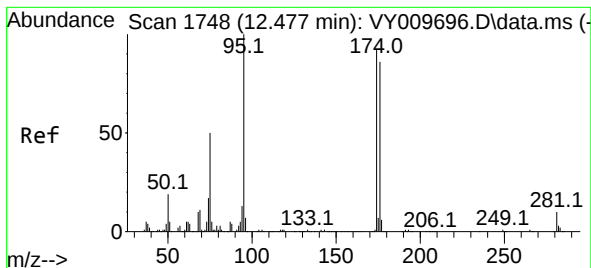
Tgt Ion:117 Resp: 12342
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.290 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

Tgt Ion: 98 Resp: 224179
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 40.072 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009747.D

Acq: 28 Jul 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

RVE-36

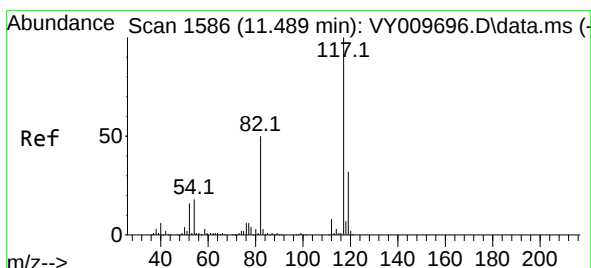
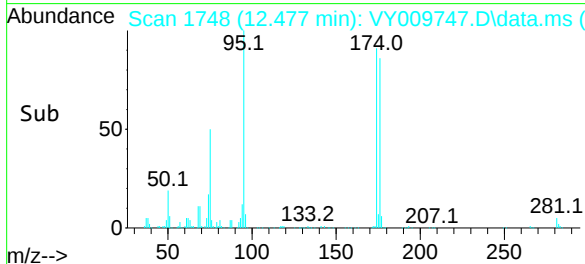
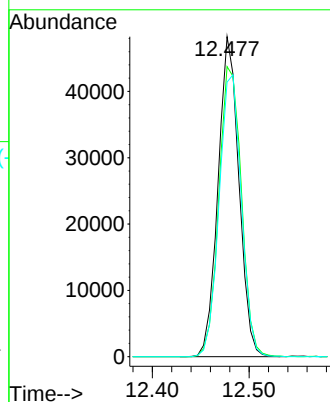
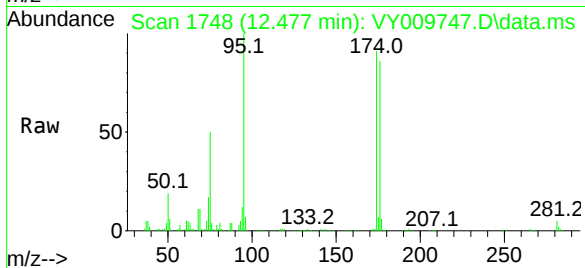
Tgt Ion: 95 Resp: 72171

Ion Ratio Lower Upper

95 100

174 97.7 0.0 177.0

176 93.6 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY009747.D

Acq: 28 Jul 2022 13:40

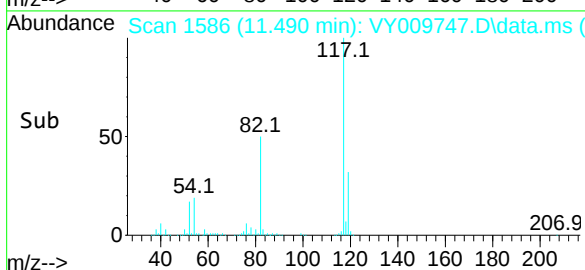
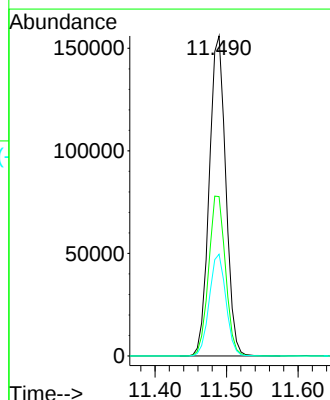
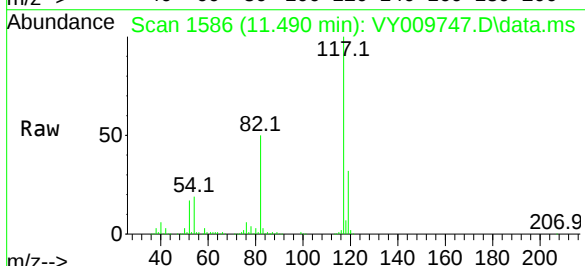
Tgt Ion: 117 Resp: 249790

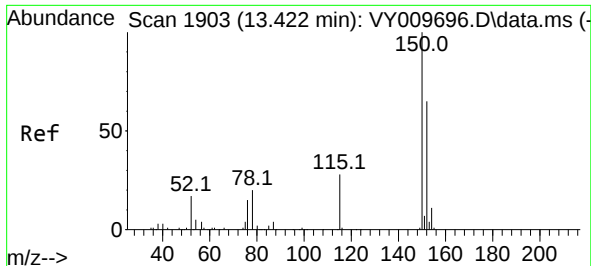
Ion Ratio Lower Upper

117 100

82 49.8 43.0 64.4

119 31.8 25.4 38.0

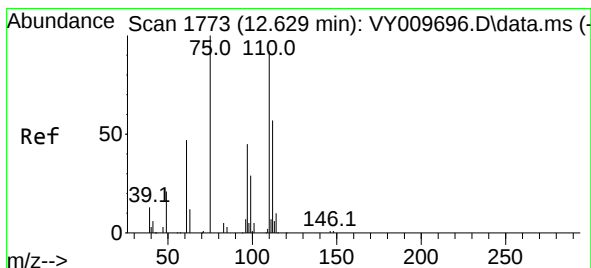
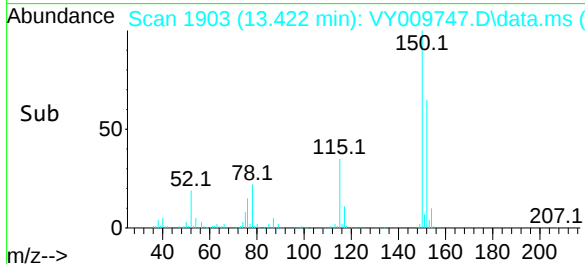
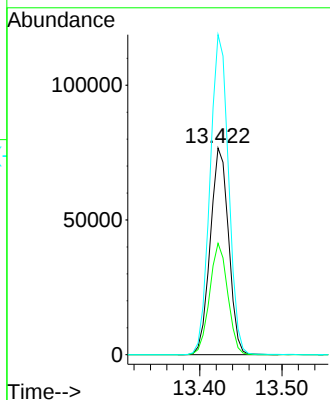
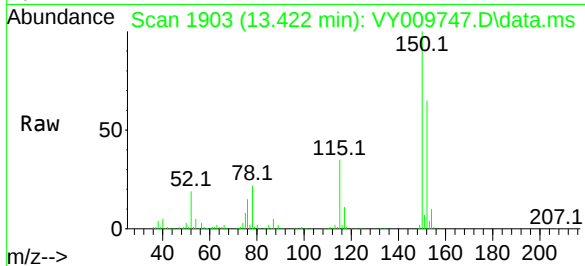




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009747.D
 Acq: 28 Jul 2022 13:40

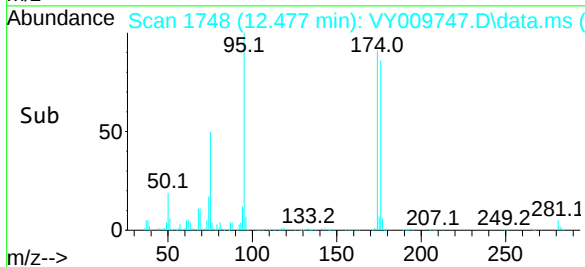
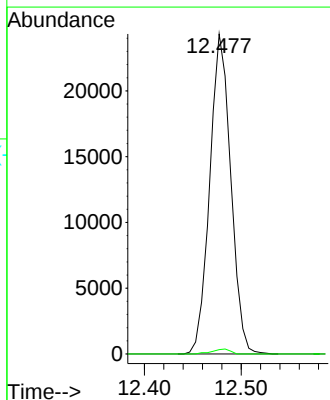
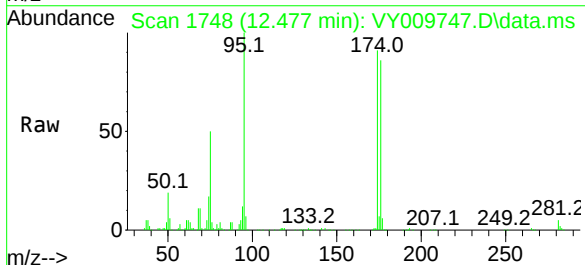
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-36

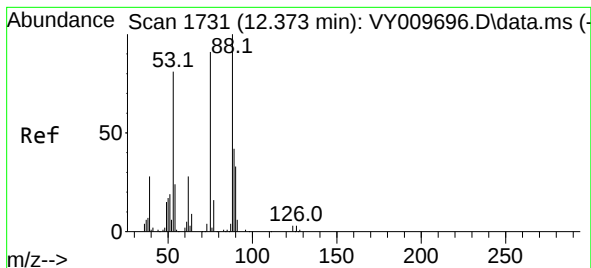
Tgt Ion:152 Resp: 118869
 Ion Ratio Lower Upper
 152 100
 115 53.2 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 33.315 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009747.D
 Acq: 28 Jul 2022 13:40

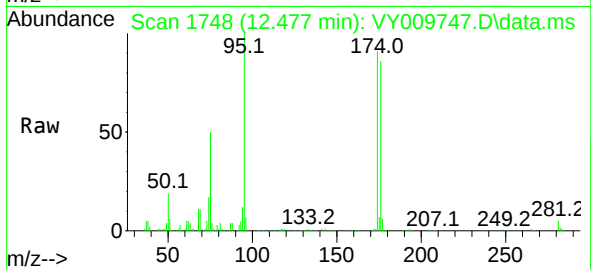
Tgt Ion: 75 Resp: 36784
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.407 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009747.D
 Acq: 28 Jul 2022 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-36



Tgt Ion: 75 Resp: 36784
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

