

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048114.D
 Acq On : 18 Apr 2022 12:35
 Operator : SY/MD
 Sample : N2387-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J72

Quant Time: Apr 19 03:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

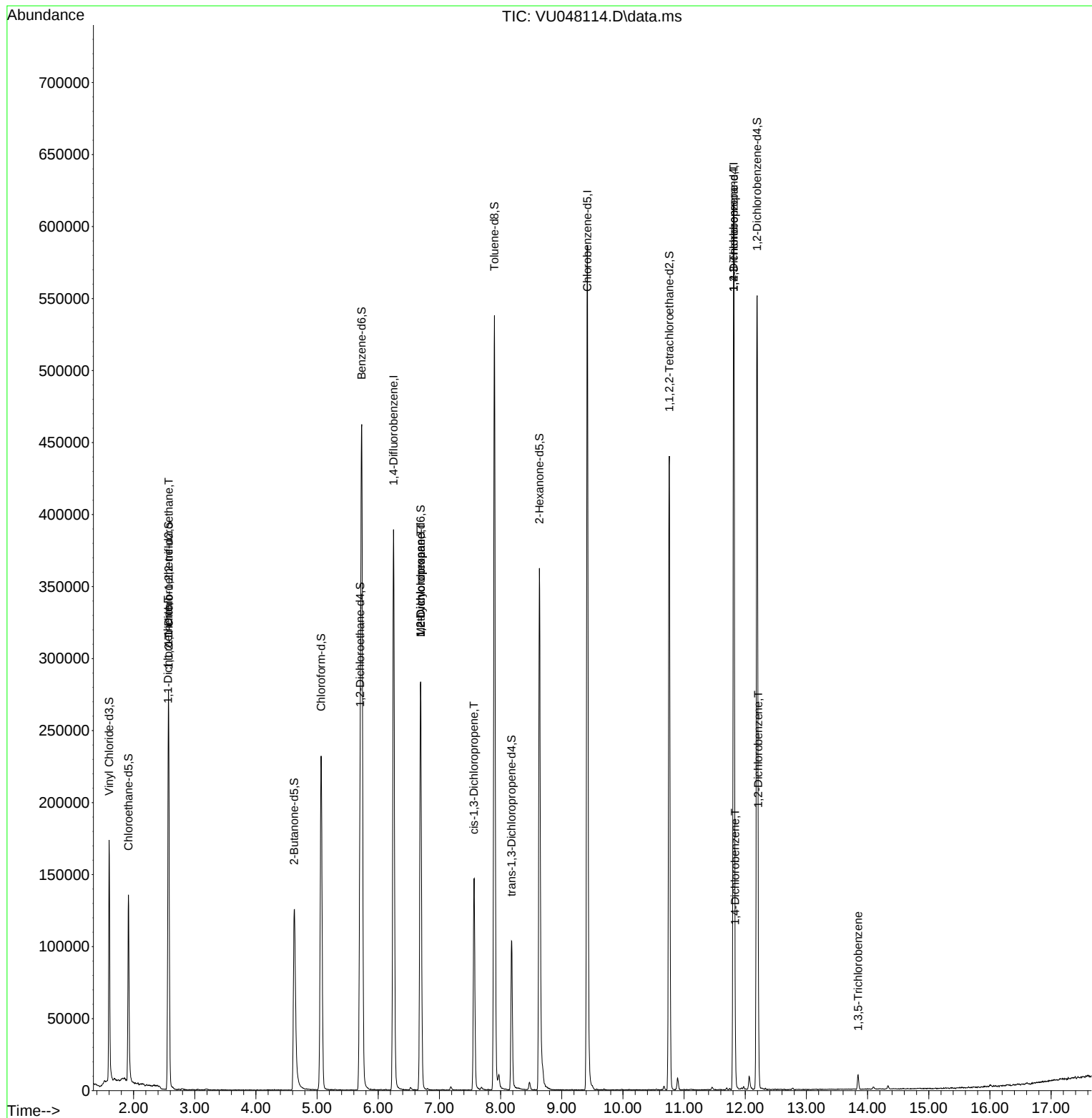
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	335627	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	354020	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	178697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	125040	51.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.760%	
7) Chloroethane-d5	1.916	69	103030	53.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.380%	
11) 1,1-Dichloroethene-d2	2.571	63	159850	35.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 71.800%	
21) 2-Butanone-d5	4.626	46	192471	92.134	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 92.130%	
24) Chloroform-d	5.066	84	218068	48.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.940%	
26) 1,2-Dichloroethane-d4	5.703	65	134372	49.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.400%	
32) Benzene-d6	5.729	84	439125	49.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.580%	
36) 1,2-Dichloropropane-d6	6.693	67	142185	51.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 103.940%	
41) Toluene-d8	7.899	98	370388	42.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 85.360%	
43) trans-1,3-Dichloroprop...	8.179	79	60758	43.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 87.680%	
47) 2-Hexanone-d5	8.635	63	123927	77.381	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 77.380%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	216960	46.210	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 92.420%	
66) 1,2-Dichlorobenzene-d4	12.195	152	158963	50.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1510	0.610	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1279	0.556	ug/L #	1
35) Methylcyclohexane	6.693	83	33545	8.208	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	15051	5.778	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3457	0.855	ug/L #	47
60) 1,2,3-Trichloropropane	11.812	75	18840	5.593	ug/L #	64
65) 1,4-Dichlorobenzene	11.835	146	4090	0.736	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	6879	1.281	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.844	180	3944	0.905	ug/L	98

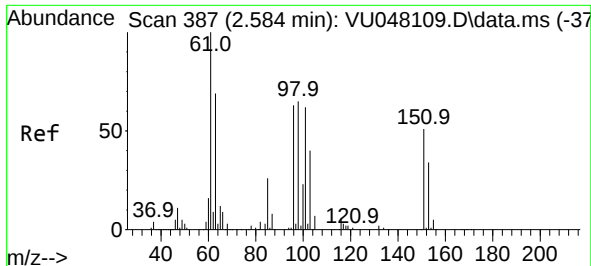
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 19 03:36:43 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.610 ug/L

RT: 2.575 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU048114.D

Acq: 18 Apr 2022 12:35

Instrument :

MSVOA_U

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C0J72

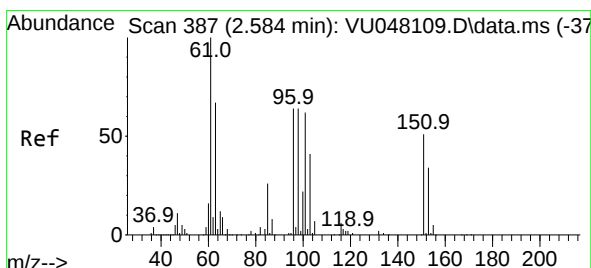
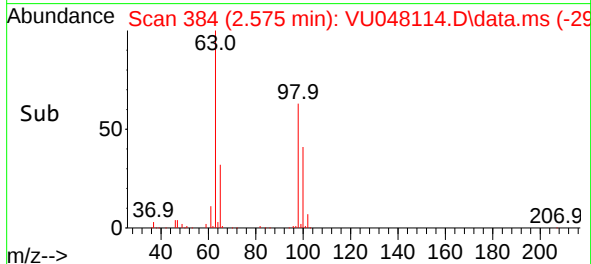
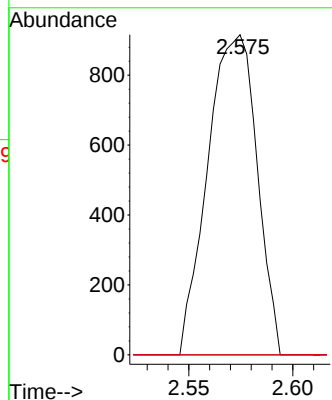
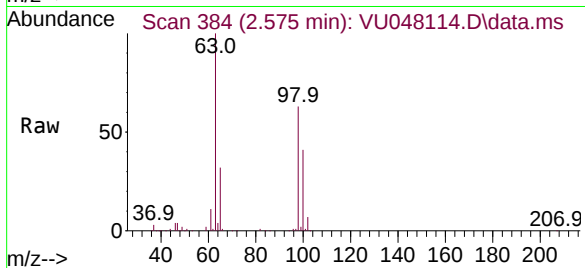
Tgt Ion:101 Resp: 1510

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.556 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU048114.D

Acq: 18 Apr 2022 12:35

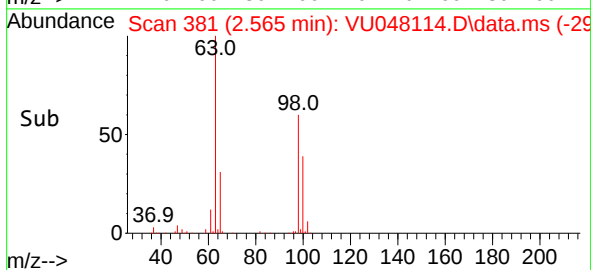
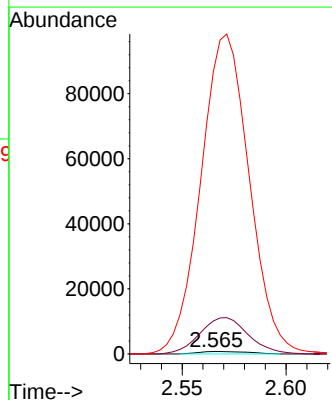
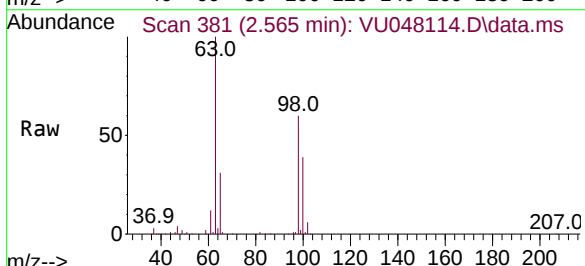
Tgt Ion: 96 Resp: 1279

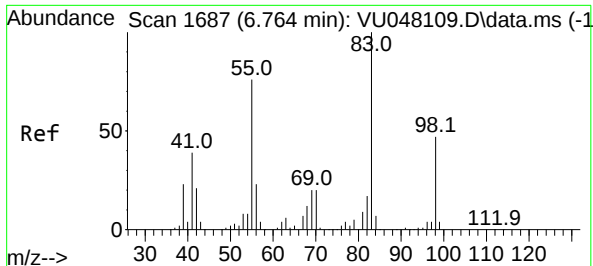
Ion Ratio Lower Upper

96 100

61 1326.6 113.1 210.1#

63 11348.7 94.8 176.0#





#35

Methylcyclohexane

Concen: 8.208 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU048114.D

Acq: 18 Apr 2022 12:35

Instrument :

MSVOA_U

ClientSampleId :

C0J72

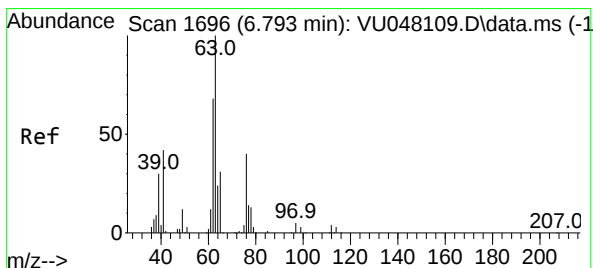
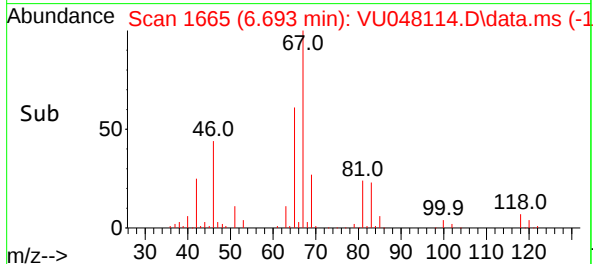
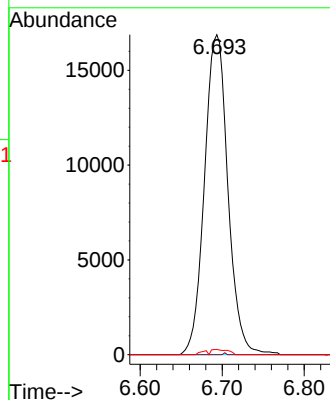
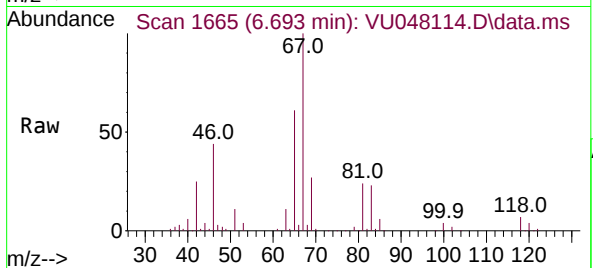
Tgt Ion: 83 Resp: 33545

Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 0.7 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 5.778 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU048114.D

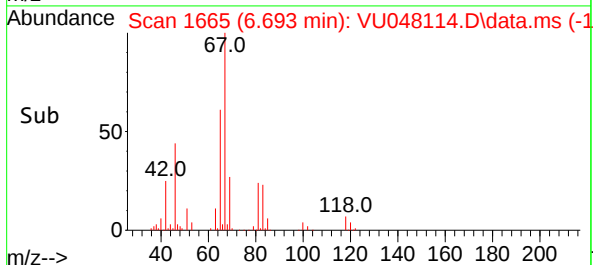
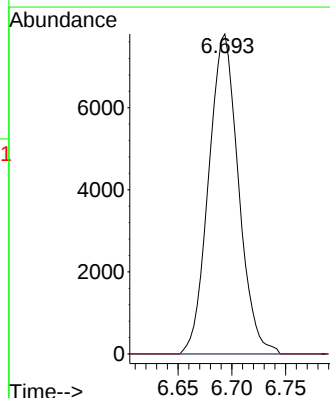
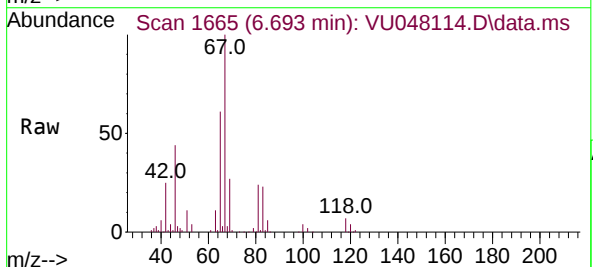
Acq: 18 Apr 2022 12:35

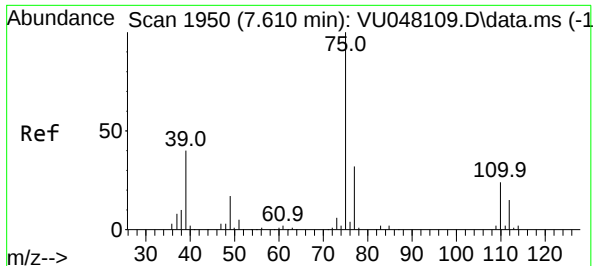
Tgt Ion: 63 Resp: 15051

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.855 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.045 min

Lab File: VU048114.D

Acq: 18 Apr 2022 12:35

Instrument :

MSVOA_U

ClientSampleId :

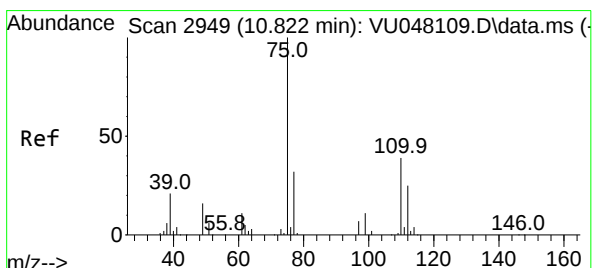
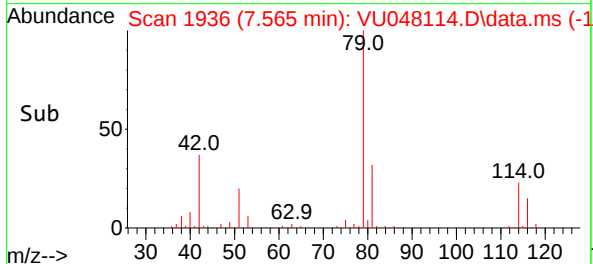
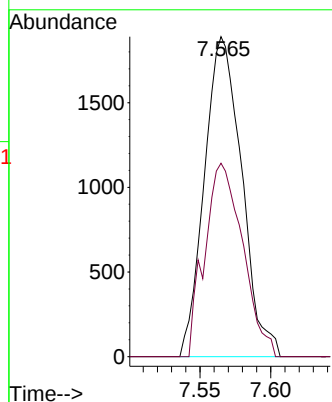
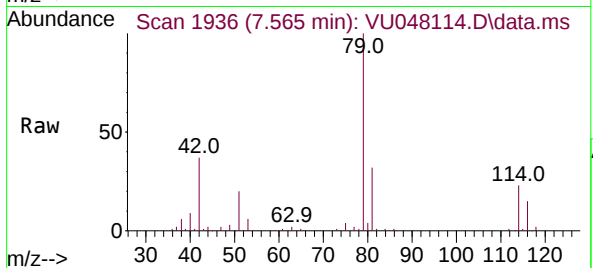
C0J72

Tgt Ion: 75 Resp: 3457

Ion Ratio Lower Upper

75 100

77 60.4 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.593 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU048114.D

Acq: 18 Apr 2022 12:35

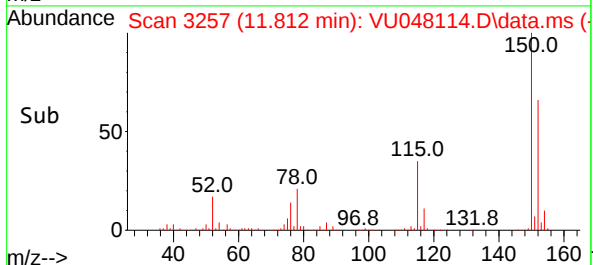
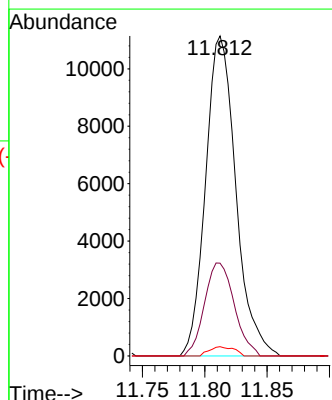
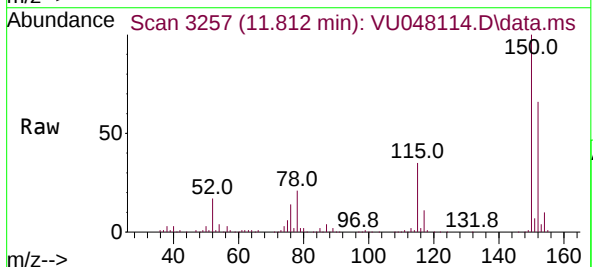
Tgt Ion: 75 Resp: 18840

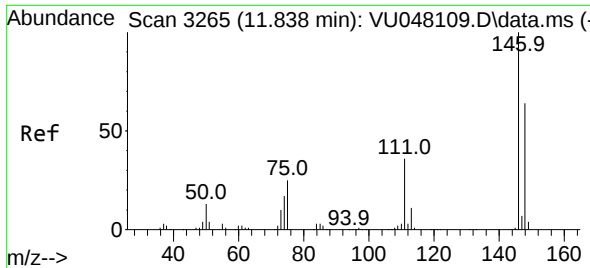
Ion Ratio Lower Upper

75 100

77 28.6 26.0 39.0

110 2.4 31.4 47.2#

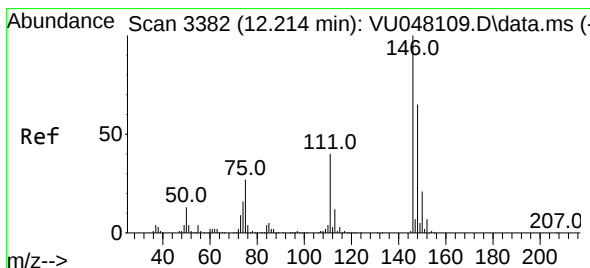
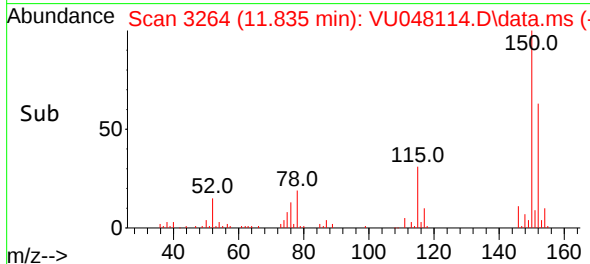
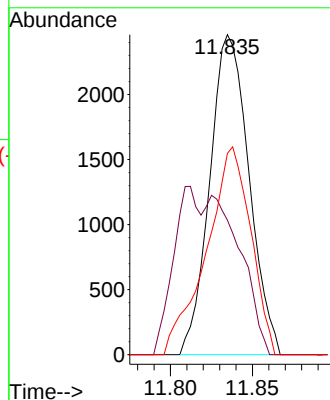
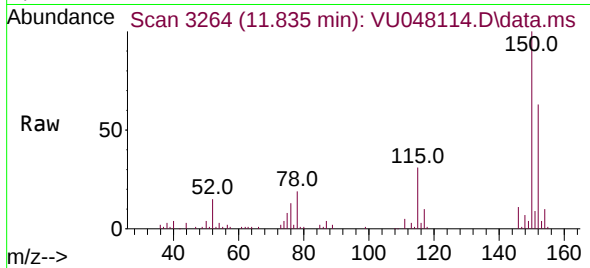




#65
1,4-Dichlorobenzene
Concen: 0.736 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048114.D
Acq: 18 Apr 2022 12:35

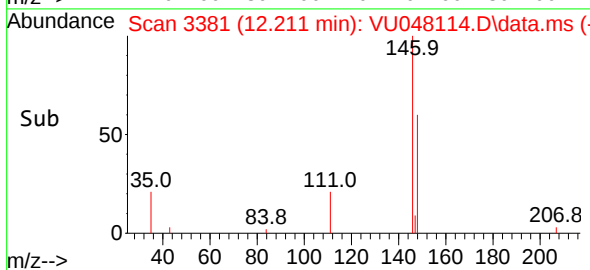
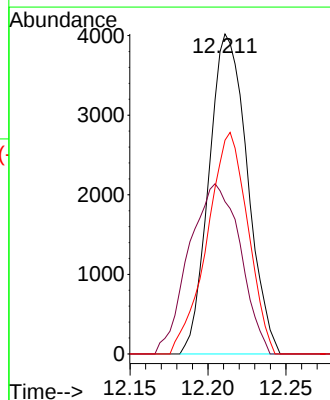
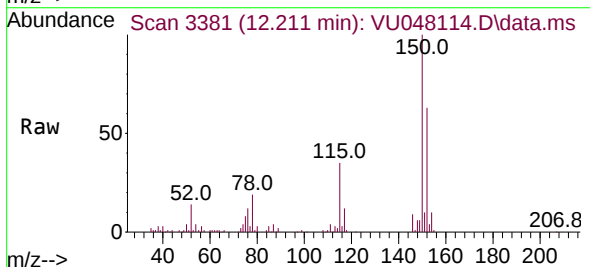
Instrument :
MSVOA_U
ClientSampleId :
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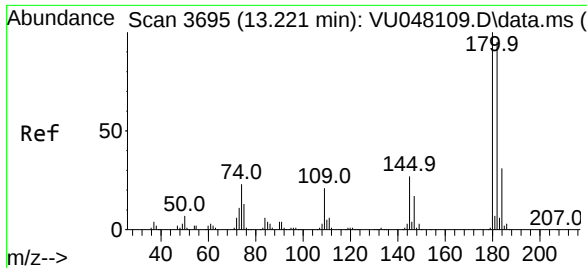
Tgt Ion:146 Resp: 4090
Ion Ratio Lower Upper
146 100
111 42.0 25.3 47.1
148 62.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.281 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048114.D
Acq: 18 Apr 2022 12:35

Tgt Ion:146 Resp: 6879
Ion Ratio Lower Upper
146 100
111 47.6 31.7 47.5#
148 66.8 51.4 77.2





#69

1,3,5-Trichlorobenzene

Concen: 0.905 ug/L

RT: 13.844 min Scan# 31

Delta R.T. 0.624 min

Lab File: VU048114.D

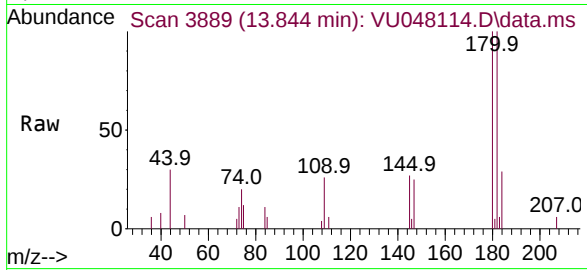
Acq: 18 Apr 2022 12:35

Instrument :

MSVOA_U

ClientSampleId :

C0J72



Tgt Ion:180 Resp: 3944

Ion Ratio Lower Upper

180 100

182 97.5 77.0 115.6

184 27.7 24.5 36.7

145 25.5 21.0 31.6

