

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047658.D
 Acq On : 25 Mar 2022 01:17
 Operator : SY/MD
 Sample : N2081-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 05:31:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

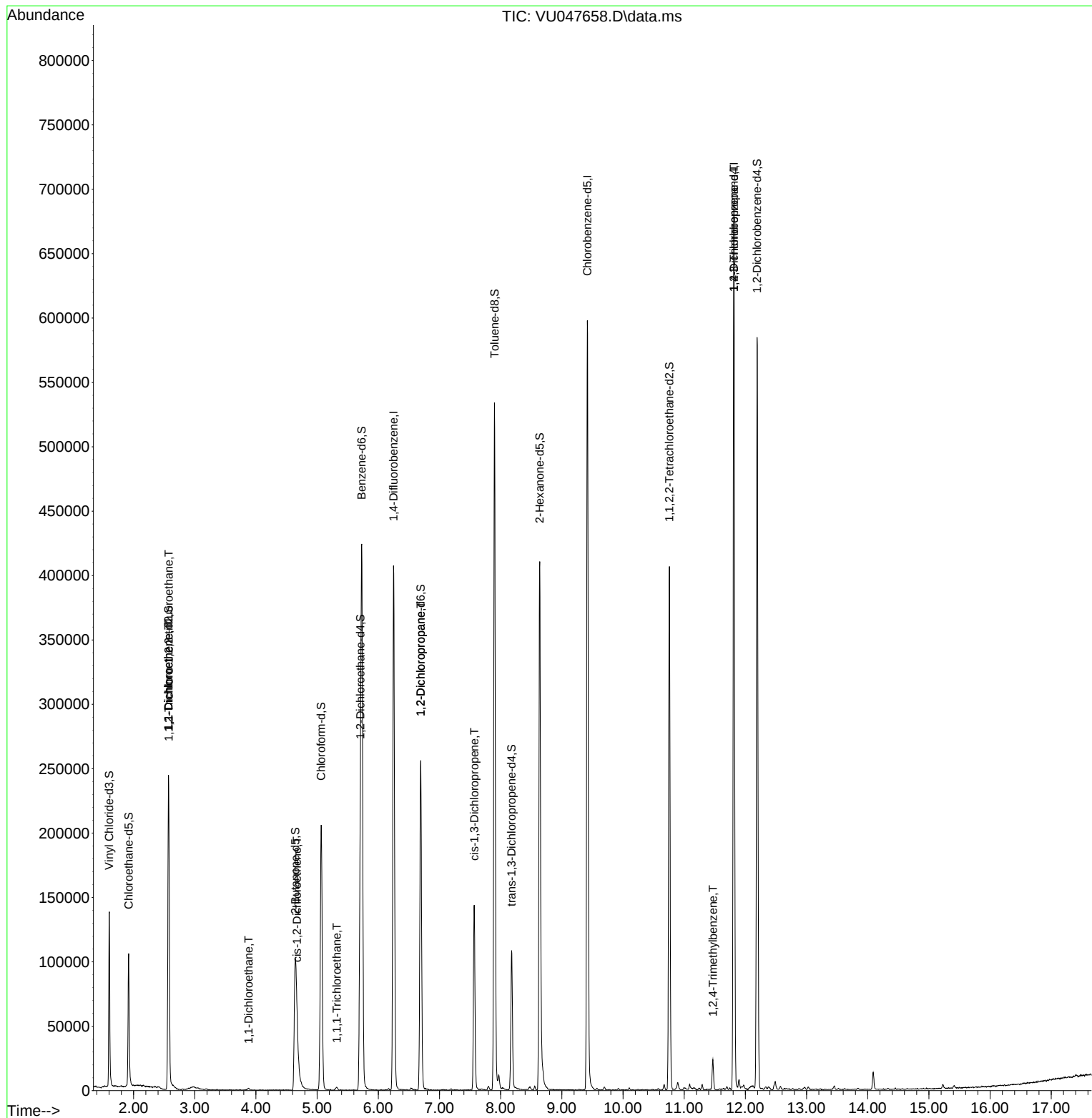
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	348728	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	189659	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	97115	38.403	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.800%		
7) Chloroethane-d5	1.919	69	79641	39.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.880%		
11) 1,1-Dichloroethene-d2	2.571	63	142559	30.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.620%		
21) 2-Butanone-d5	4.645	46	202867	93.463	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.460%		
24) Chloroform-d	5.067	84	192780	41.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.320%		
26) 1,2-Dichloroethane-d4	5.706	65	122951	43.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.640%		
32) Benzene-d6	5.729	84	392606	44.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
36) 1,2-Dichloropropane-d6	6.694	67	124245	45.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.000%		
41) Toluene-d8	7.899	98	367149	42.386	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.780%		
43) trans-1,3-Dichloroprop...	8.179	79	58180	42.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.120%		
47) 2-Hexanone-d5	8.636	63	151020	94.484	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.480%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	198339	42.328	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.660%		
66) 1,2-Dichlorobenzene-d4	12.192	152	158140	46.867	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1292	0.503	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1297	0.542	ug/L #	1
19) 1,1-Dichloroethane	3.880	63	2218	0.498	ug/L	89
20) cis-1,2-Dichloroethene	4.671	96	5368	1.898	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	1959	0.489	ug/L #	86
37) 1,2-Dichloropropane	6.694	63	13203	5.078	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3485	0.864	ug/L #	52
60) 1,2,3-Trichloropropane	11.812	75	20259	5.666	ug/L #	67
63) 1,2,4-Trimethylbenzene	11.471	105	12716	1.505	ug/L	97

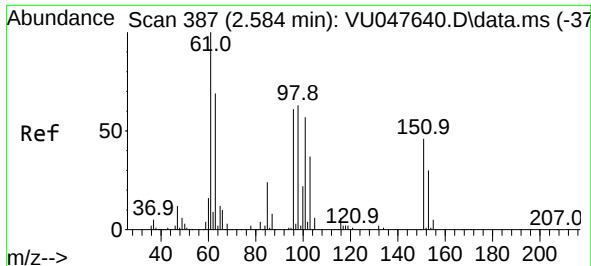
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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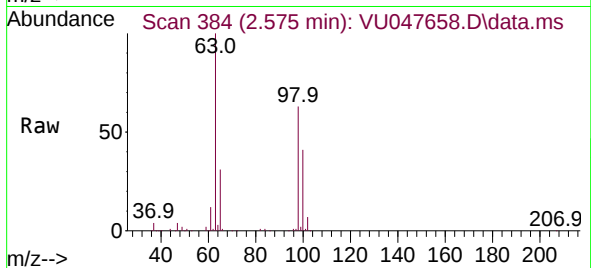
Quant Time: Mar 25 05:31:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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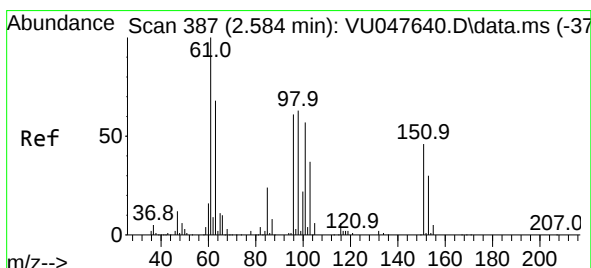
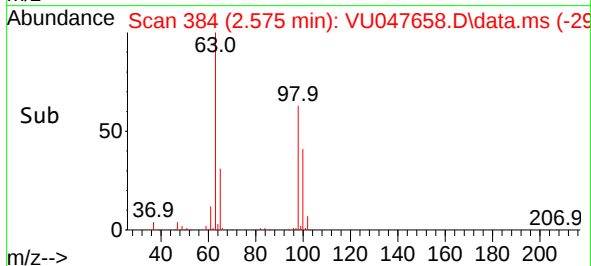
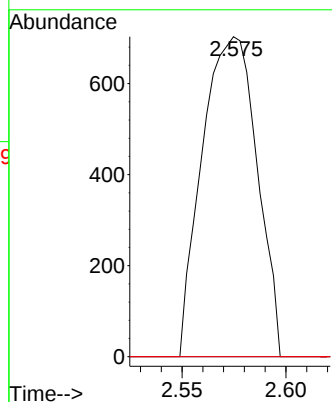


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.503 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU047658.D
Acq: 25 Mar 2022 01:17

Instrument :
MSVOA_U
ClientSampleId :

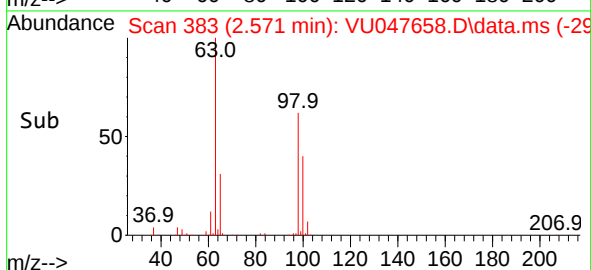
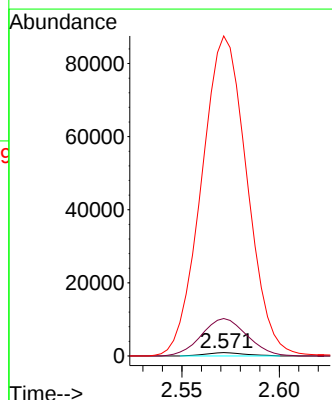
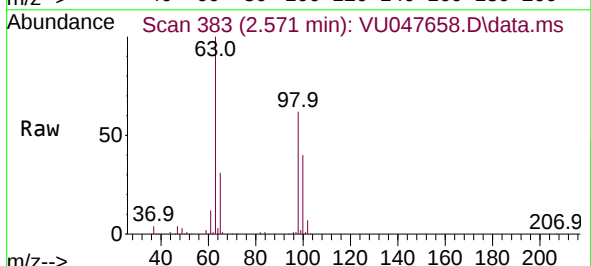


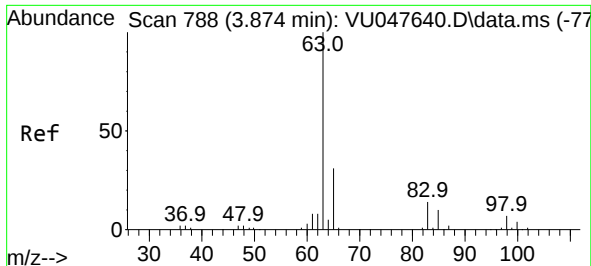
Tgt Ion:101 Resp: 1292
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.542 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU047658.D
Acq: 25 Mar 2022 01:17

Tgt Ion: 96 Resp: 1297
Ion Ratio Lower Upper
96 100
61 1121.6 113.1 210.1#
63 9587.7 94.8 176.0#





#19

1,1-Dichloroethane

Concen: 0.498 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.006 min

Lab File: VU047658.D

Acq: 25 Mar 2022 01:17

Instrument :

MSVOA_U

ClientSampleId :

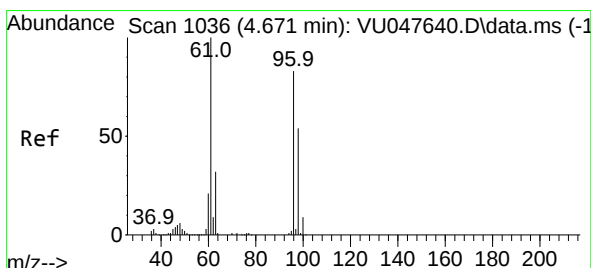
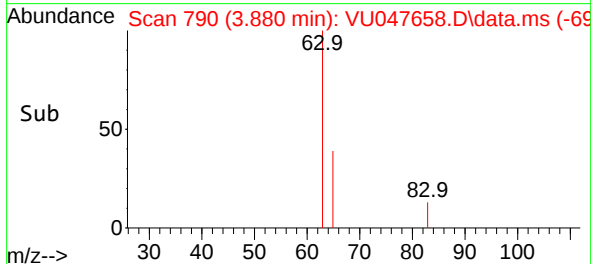
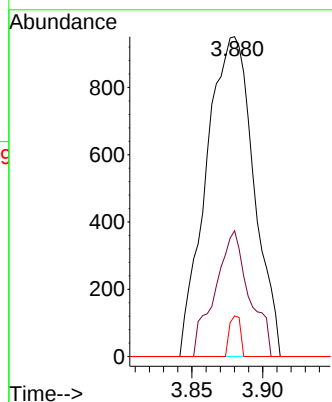
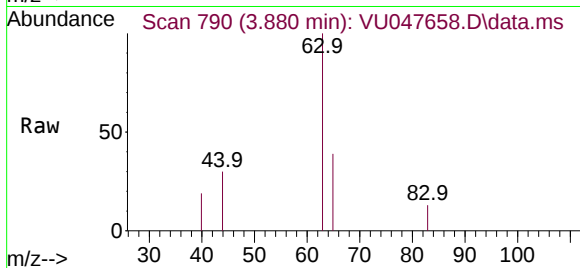
Tgt Ion: 63 Resp: 2218

Ion Ratio Lower Upper

63 100

65 39.3 22.0 41.0

83 12.7 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 1.898 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047658.D

Acq: 25 Mar 2022 01:17

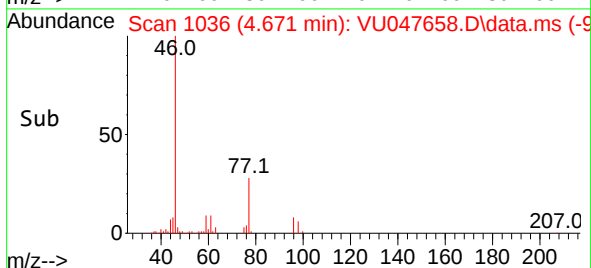
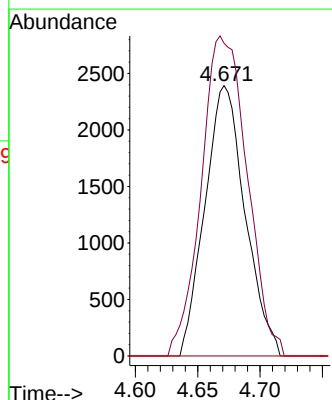
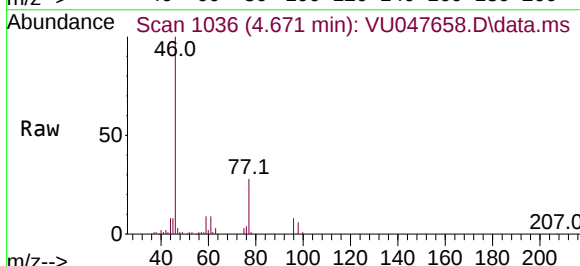
Tgt Ion: 96 Resp: 5368

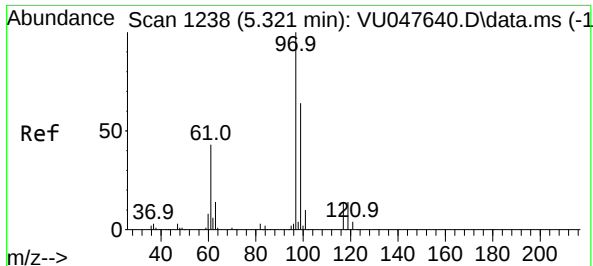
Ion Ratio Lower Upper

96 100

61 115.7 80.7 149.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 0.489 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047658.D

Acq: 25 Mar 2022 01:17

Instrument :

MSVOA_U

ClientSampleId :

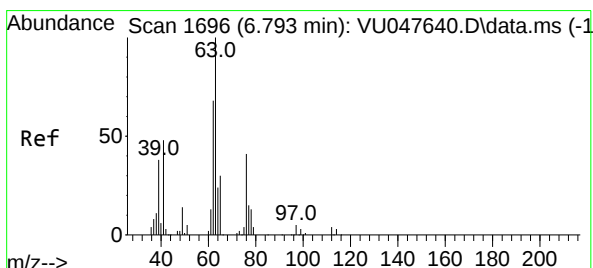
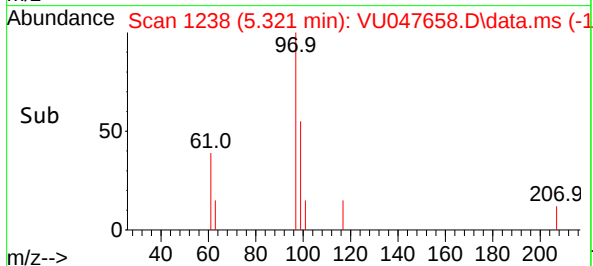
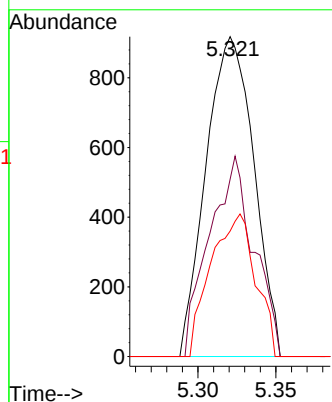
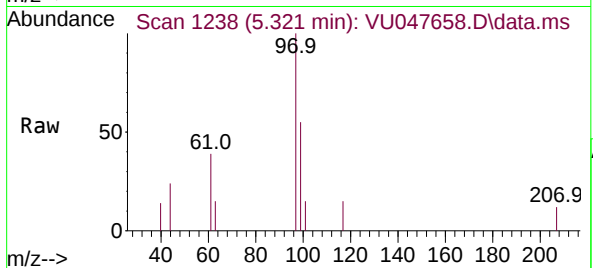
Tgt Ion: 97 Resp: 1959

Ion Ratio Lower Upper

97 100

99 47.5 51.6 77.4#

61 41.8 34.2 51.4



#37

1,2-Dichloropropane

Concen: 5.078 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047658.D

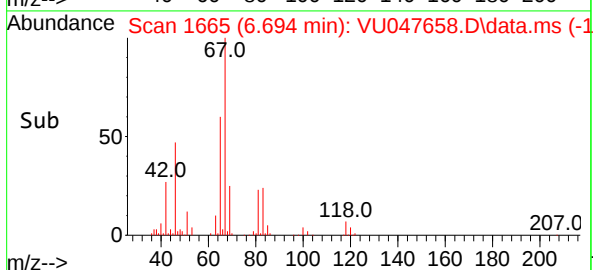
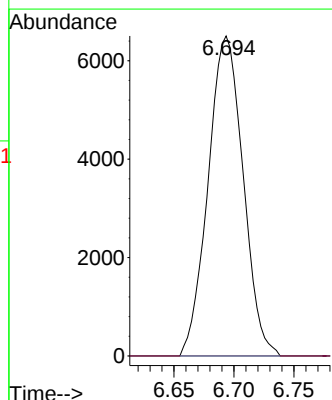
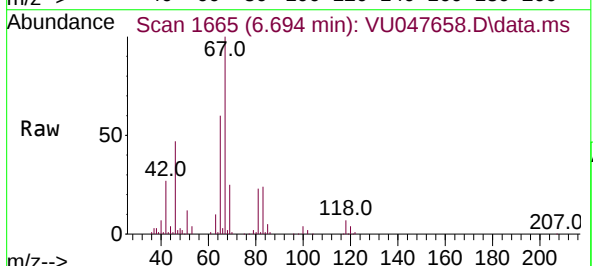
Acq: 25 Mar 2022 01:17

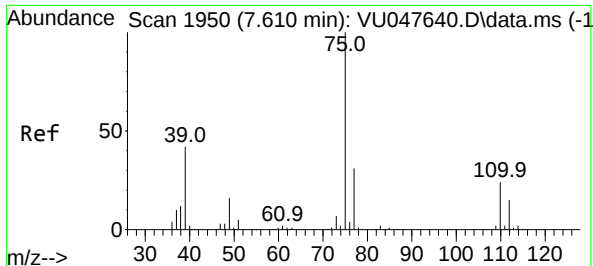
Tgt Ion: 63 Resp: 13203

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.864 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU047658.D

Acq: 25 Mar 2022 01:17

Instrument :

MSVOA_U

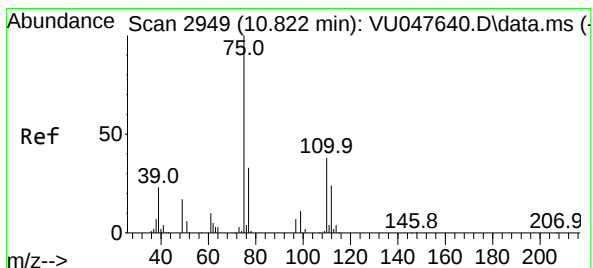
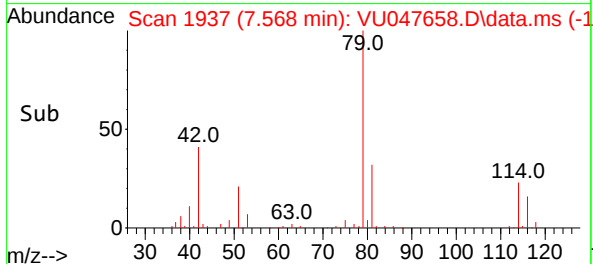
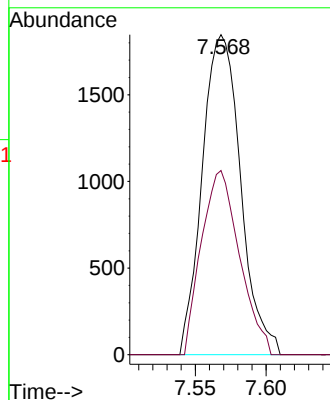
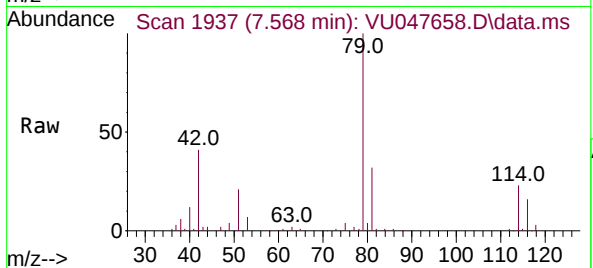
ClientSampleId :

Tgt Ion: 75 Resp: 3485

Ion Ratio Lower Upper

75 100

77 57.6 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.666 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU047658.D

Acq: 25 Mar 2022 01:17

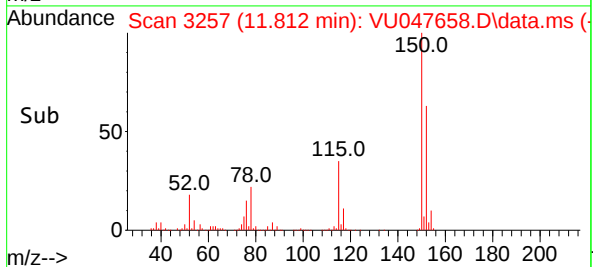
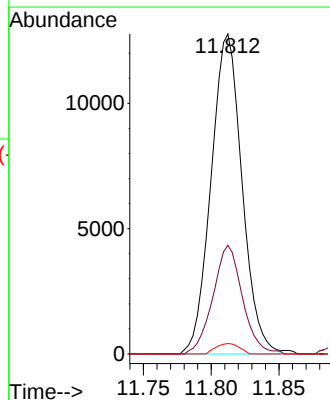
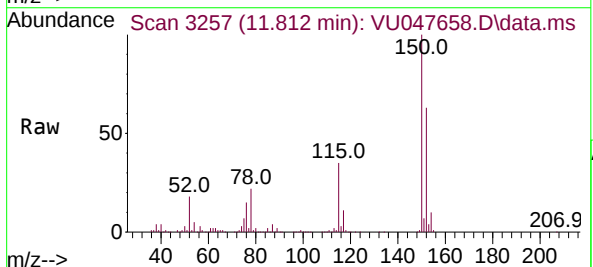
Tgt Ion: 75 Resp: 20259

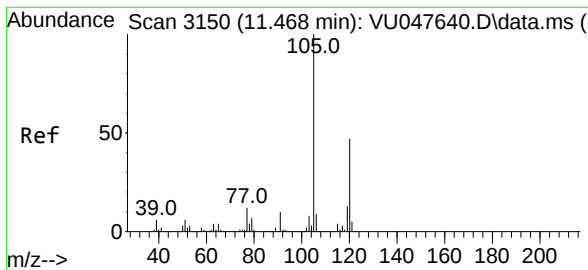
Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

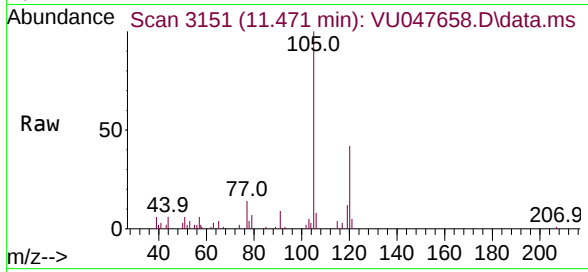
110 2.5 31.4 47.2#





#63
 1,2,4-Trimethylbenzene
 Concen: 1.505 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU047658.D
 Acq: 25 Mar 2022 01:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 12716
 Ion Ratio Lower Upper
 105 100
 120 45.0 37.6 56.4

