

Data File : VU033570.D
Acq On : 02 Aug 2019 15:20
Operator : JC/SP
Sample : K4117-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JLLH1

Quant Time: Aug 03 00:43:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	291364	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	128746	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125262	59.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	118.26%		
7) Chloroethane-d5	1.67	69	107384	59.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	118.16%		
11) 1,1-Dichloroethene-d2	2.26	63	165385	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.04%		
21) 2-Butanone-d5	4.14	46	171771	122.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.42%		
24) Chloroform-d	4.62	84	192114	54.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.20%		
26) 1,2-Dichloroethane-d4	5.29	65	133428	59.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	118.66%		
32) Benzene-d6	5.32	84	414745	57.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.40%		
36) 1,2-Dichloropropane-d6	6.31	67	132089	58.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	116.22%		
41) Toluene-d8	7.55	98	363097	53.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.88%		
43) trans-1,3-Dichloropropene-	7.83	79	60273	53.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.92%		
47) 2-Hexanone-d5	8.29	63	124985	115.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.82%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193797	55.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	110.60%		
64) 1,2-Dichlorobenzene-d4	11.85	152	136785	58.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	116.04%		

Target Compounds

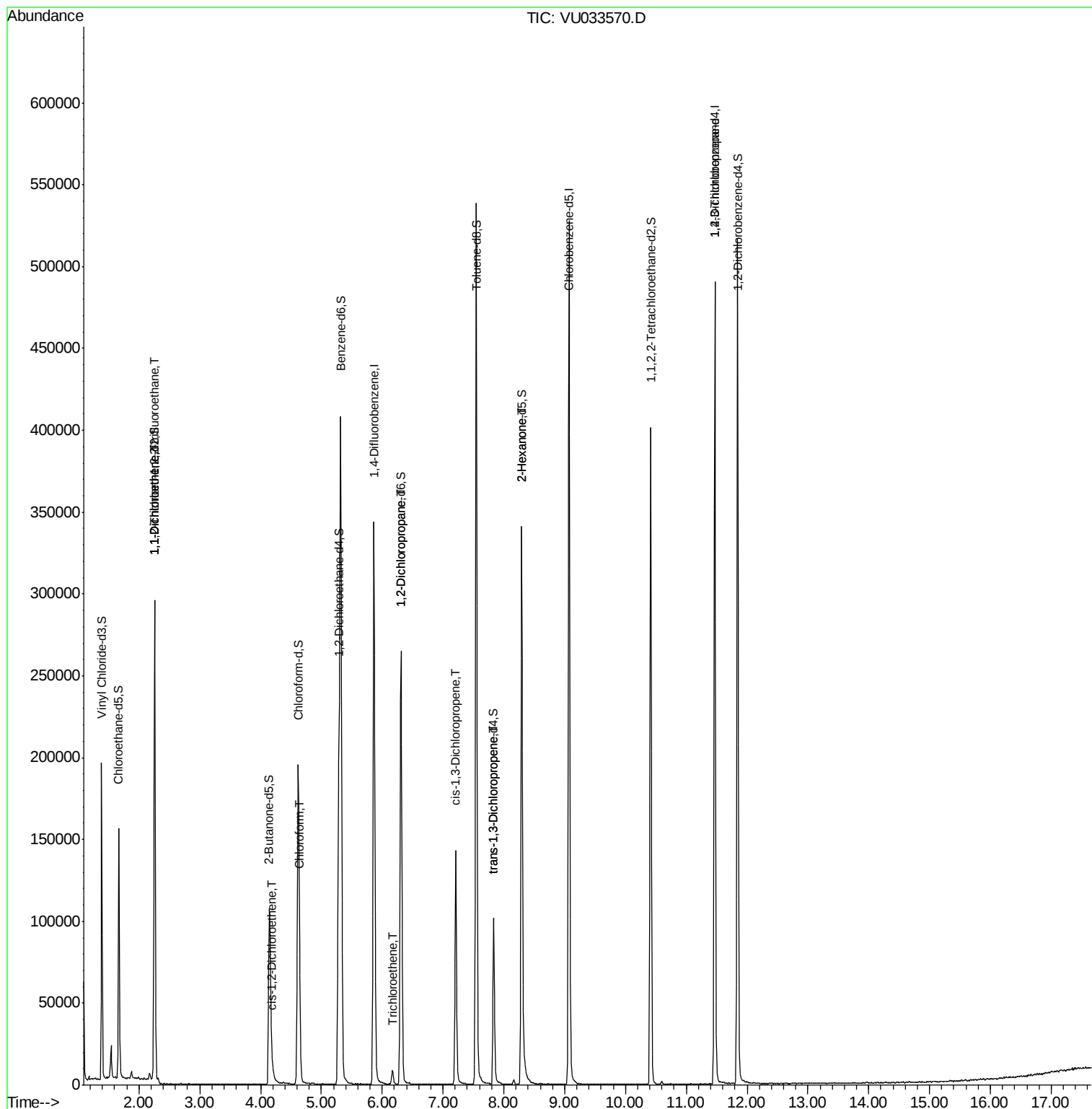
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1524	0.775	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1158	0.614	ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	1354	0.610	ug/L	70
25) Chloroform	4.65	83	8875	2.273	ug/L	94
34) Trichloroethene	6.17	95	3518	1.581	ug/L	88
37) 1,2-Dichloropropane	6.31	63	14249	6.309	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3692	1.047	ug/L #	65
44) trans-1,3-Dichloropropene	7.83	75	2723	0.855	ug/L	99
48) 2-Hexanone	8.29	43	13480	5.348	ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	15542	5.213	ug/L	91

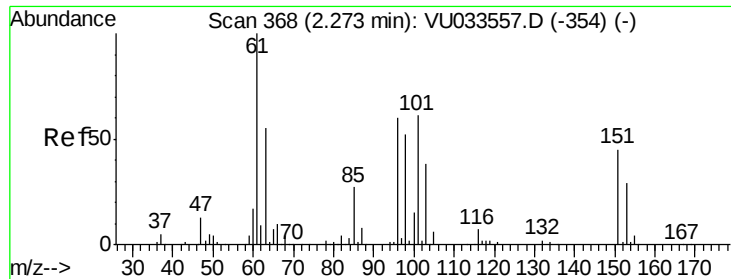
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.775 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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Instrument :

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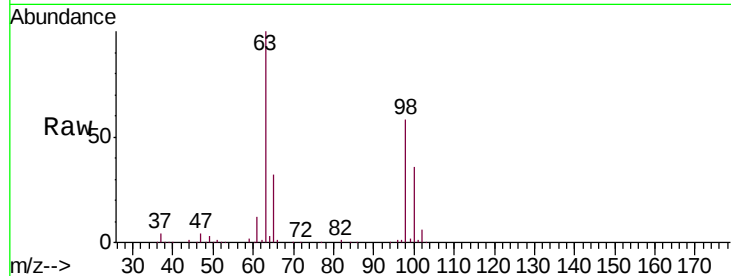
Tgt Ion:101 Resp: 1524

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

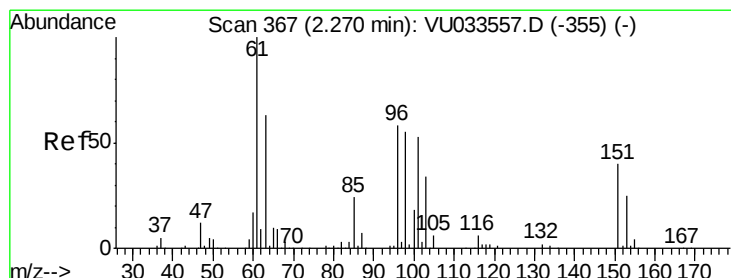
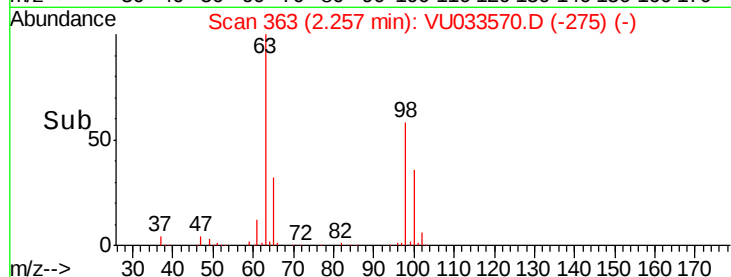
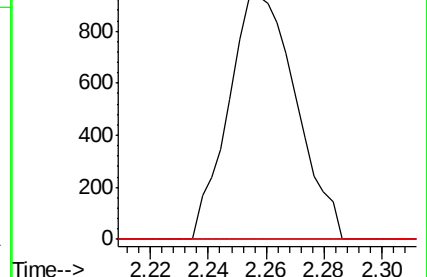
151 0.0 60.1 90.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.614 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033570.D

Acq: 02 Aug 2019 15:20

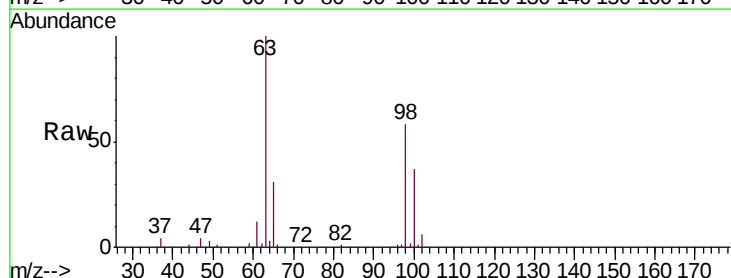
Tgt Ion: 96 Resp: 1158

Ion Ratio Lower Upper

96 100

61 2123.3 119.3 221.5#

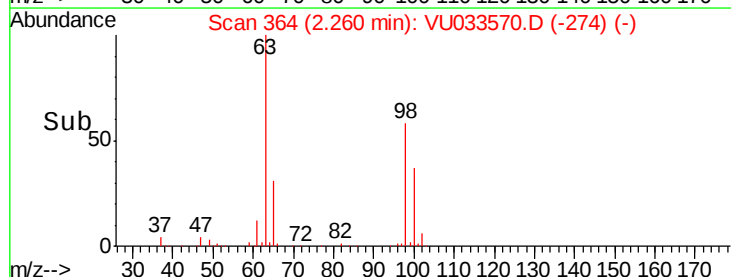
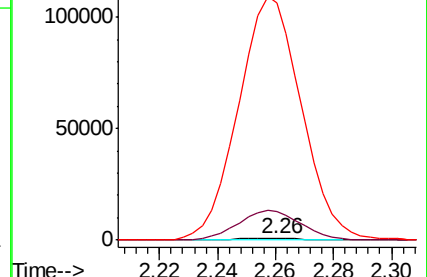
63 17623.9 86.6 160.8#

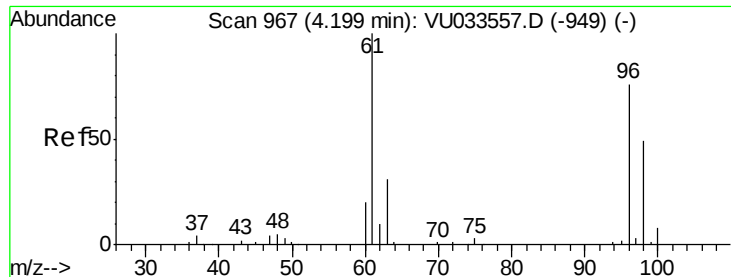


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

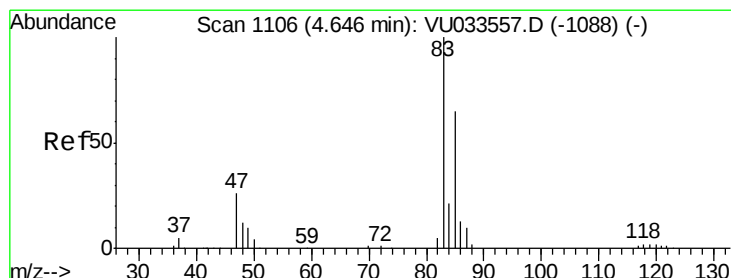
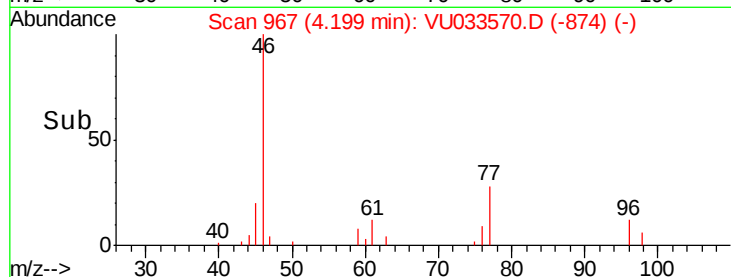
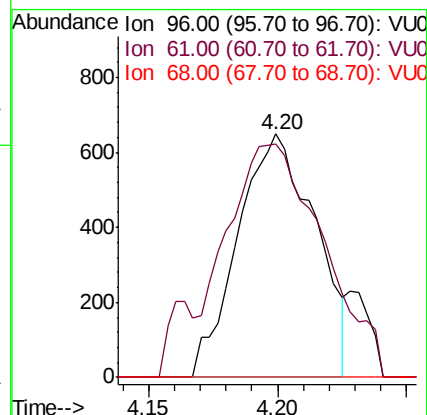
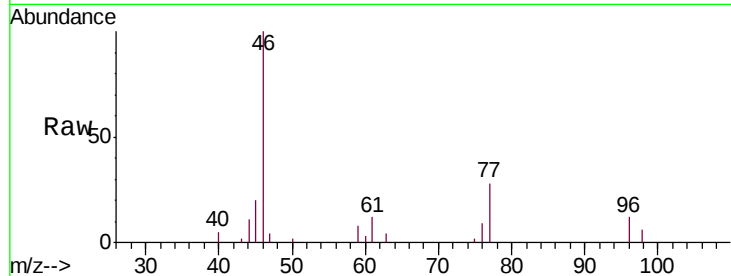




#20
 cis-1,2-Dichloroethene
 Concen: 0.610 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033570.D
 Acq: 02 Aug 2019 15:20

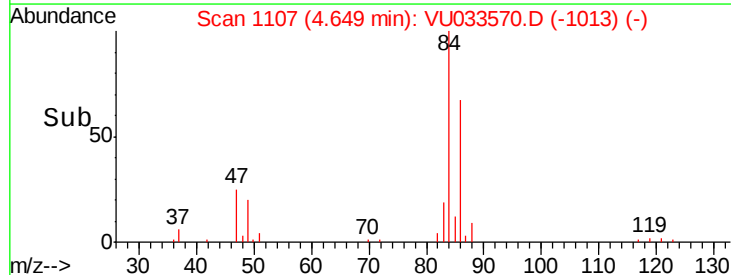
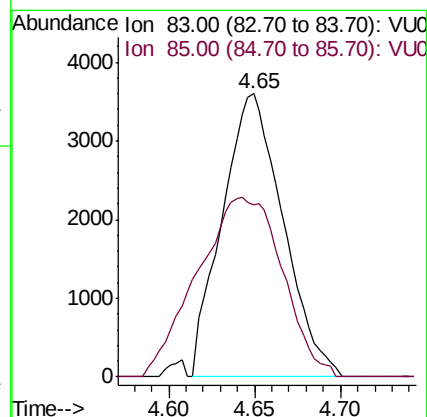
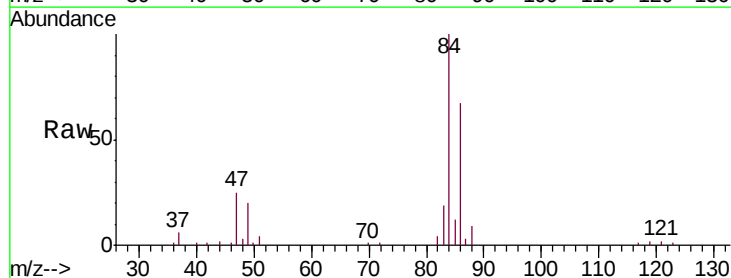
Instrument :
 MSVOA_U
 ClientSampleId :
 JLLH1

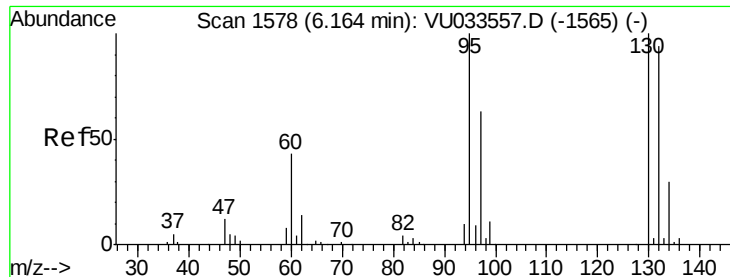
Tgt Ion: 96 Resp: 1354
 Ion Ratio Lower Upper
 96 100
 61 95.7 91.3 169.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.273 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VU033570.D
 Acq: 02 Aug 2019 15:20

Tgt Ion: 83 Resp: 8875
 Ion Ratio Lower Upper
 83 100
 85 60.6 45.6 84.8





#34

Trichloroethene

Concen: 1.581 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033570.D

Acq: 02 Aug 2019 15:20

Instrument :

MSVOA_U

ClientSampleId :

JLLH1

Tgt Ion: 95 Resp: 3518

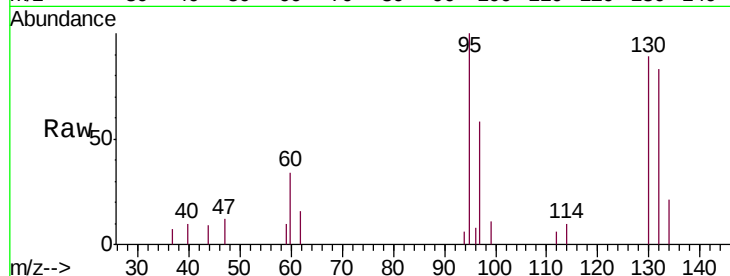
Ion Ratio Lower Upper

95 100

97 58.1 44.7 83.1

132 83.2 66.8 124.0

130 88.9 71.6 133.0

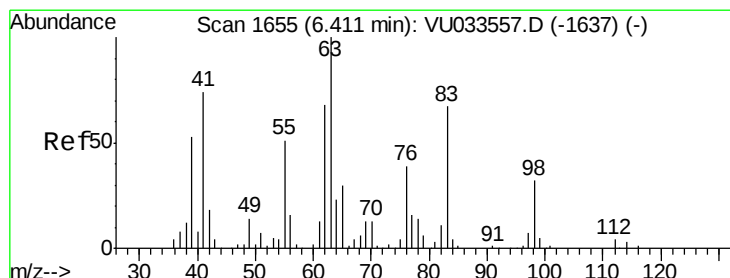
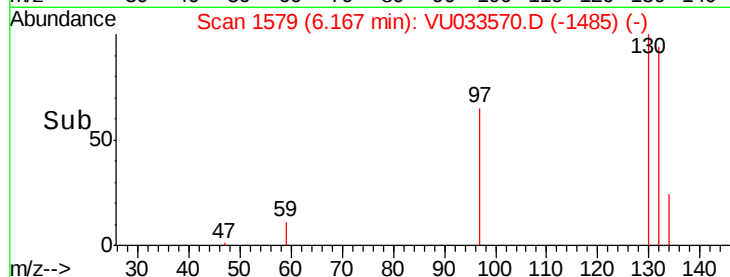
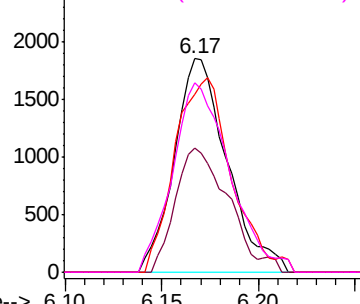


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.309 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033570.D

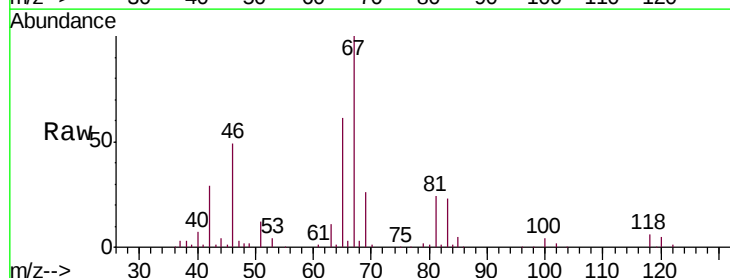
Acq: 02 Aug 2019 15:20

Tgt Ion: 63 Resp: 14249

Ion Ratio Lower Upper

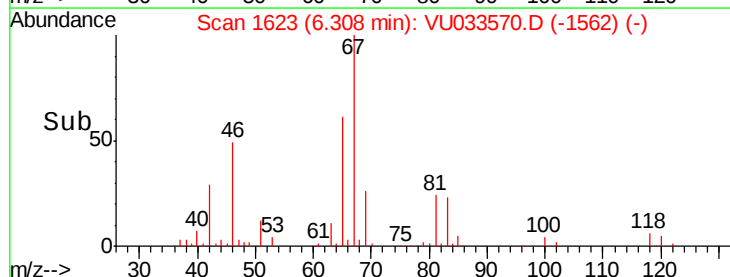
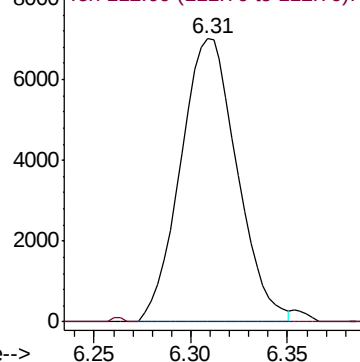
63 100

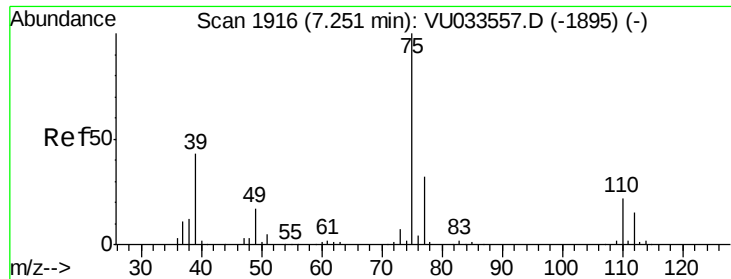
112 0.3 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

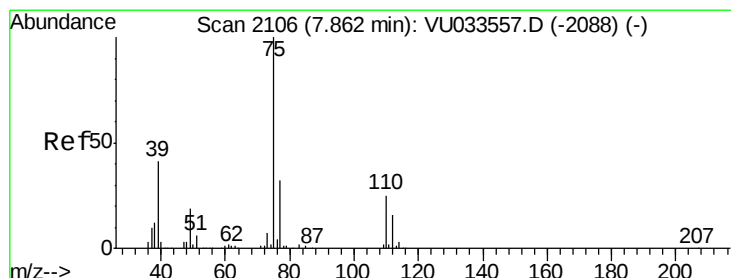
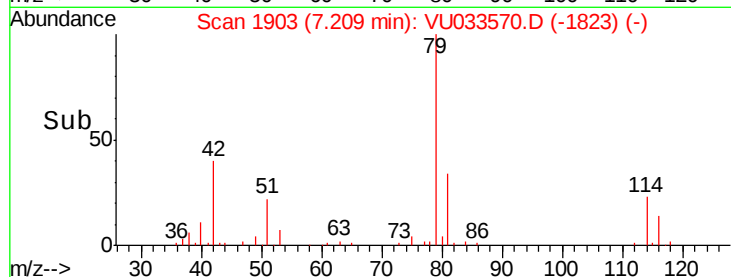
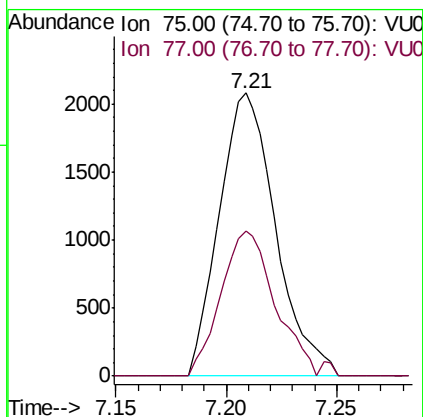
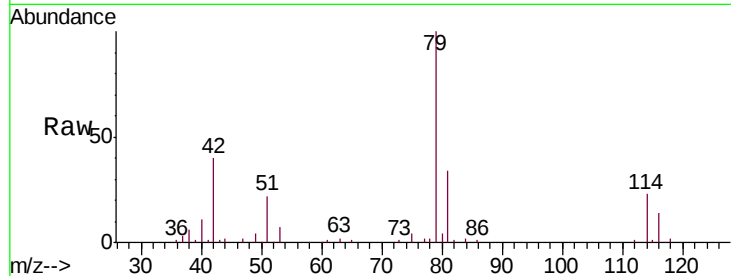




#39
 cis-1,3-Dichloropropene
 Concen: 1.047 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033570.D
 Acq: 02 Aug 2019 15:20

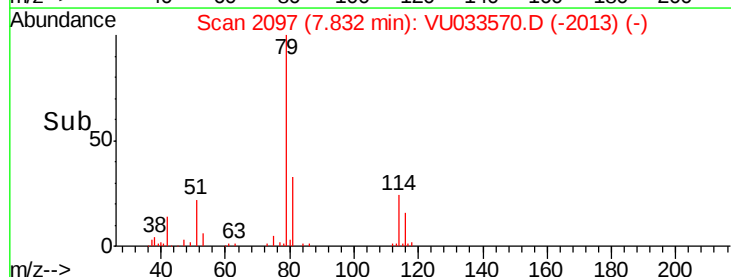
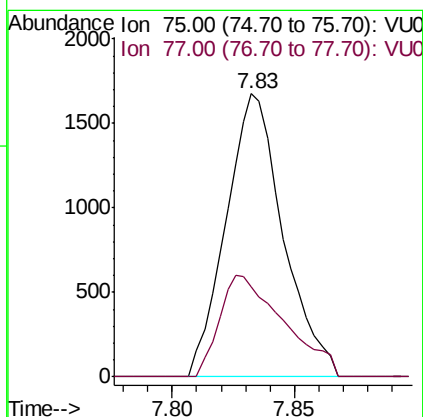
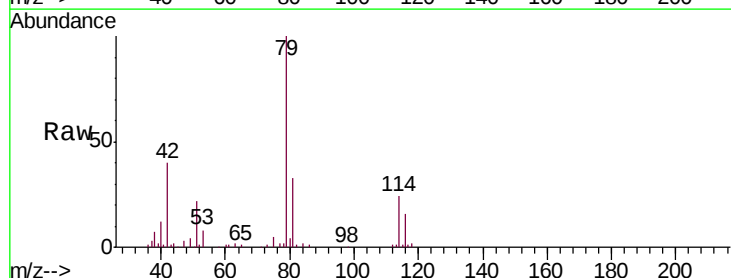
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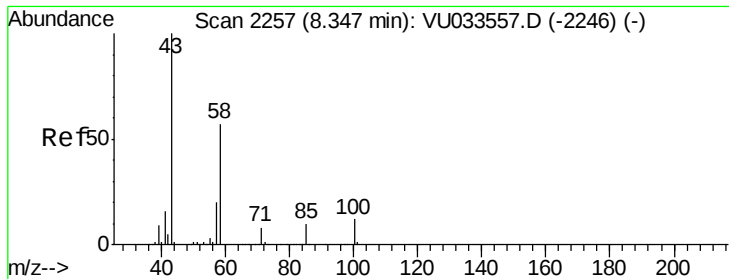
Tgt Ion: 75 Resp: 3692
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.855 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033570.D
 Acq: 02 Aug 2019 15:20

Tgt Ion: 75 Resp: 2723
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.7 42.1

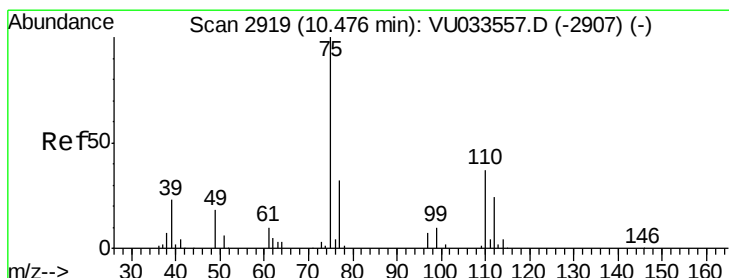
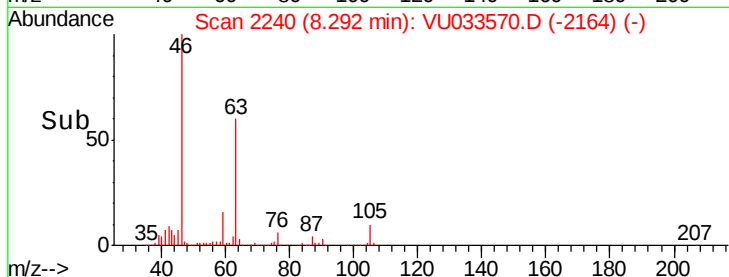
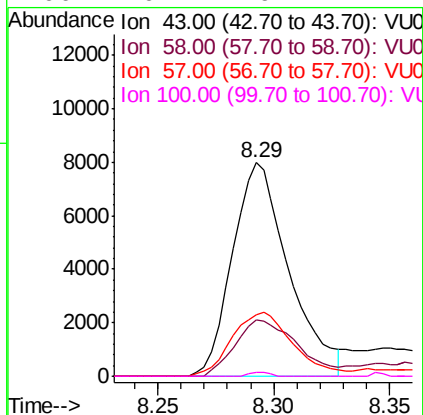
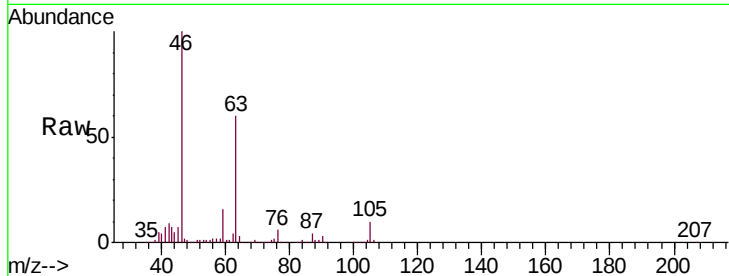




#48
 2-Hexanone
 Concen: 5.348 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033570.D
 Acq: 02 Aug 2019 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 JLLH1

Tgt Ion:	43	Resp:	13480
Ion	Ratio	Lower	Upper
43	100		
58	29.1	45.8	68.6#
57	32.3	15.8	23.6#
100	0.7	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.213 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033570.D
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Tgt Ion:	75	Resp:	15542
Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.8	38.6

