

Data File : VU033561.D
Acq On : 02 Aug 2019 11:51
Operator : JC/SP
Sample : K4103-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9G3

Quant Time: Aug 03 00:42:18 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	302591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	299559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131649	59.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.68%
7) Chloroethane-d5	1.67	69	126446	66.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	133.98%#
11) 1,1-Dichloroethene-d2	2.26	63	172380	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
21) 2-Butanone-d5	4.15	46	183847	126.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.17%
24) Chloroform-d	4.62	84	199370	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
26) 1,2-Dichloroethane-d4	5.29	65	130773	56.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.00%
32) Benzene-d6	5.32	84	419834	56.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.08%
36) 1,2-Dichloropropane-d6	6.31	67	132191	56.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.58%
41) Toluene-d8	7.55	98	376337	54.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.16%
43) trans-1,3-Dichloropropene-	7.83	79	60937	52.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.54%
47) 2-Hexanone-d5	8.30	63	127883	115.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	198376	55.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	143584	57.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.26%

Target Compounds

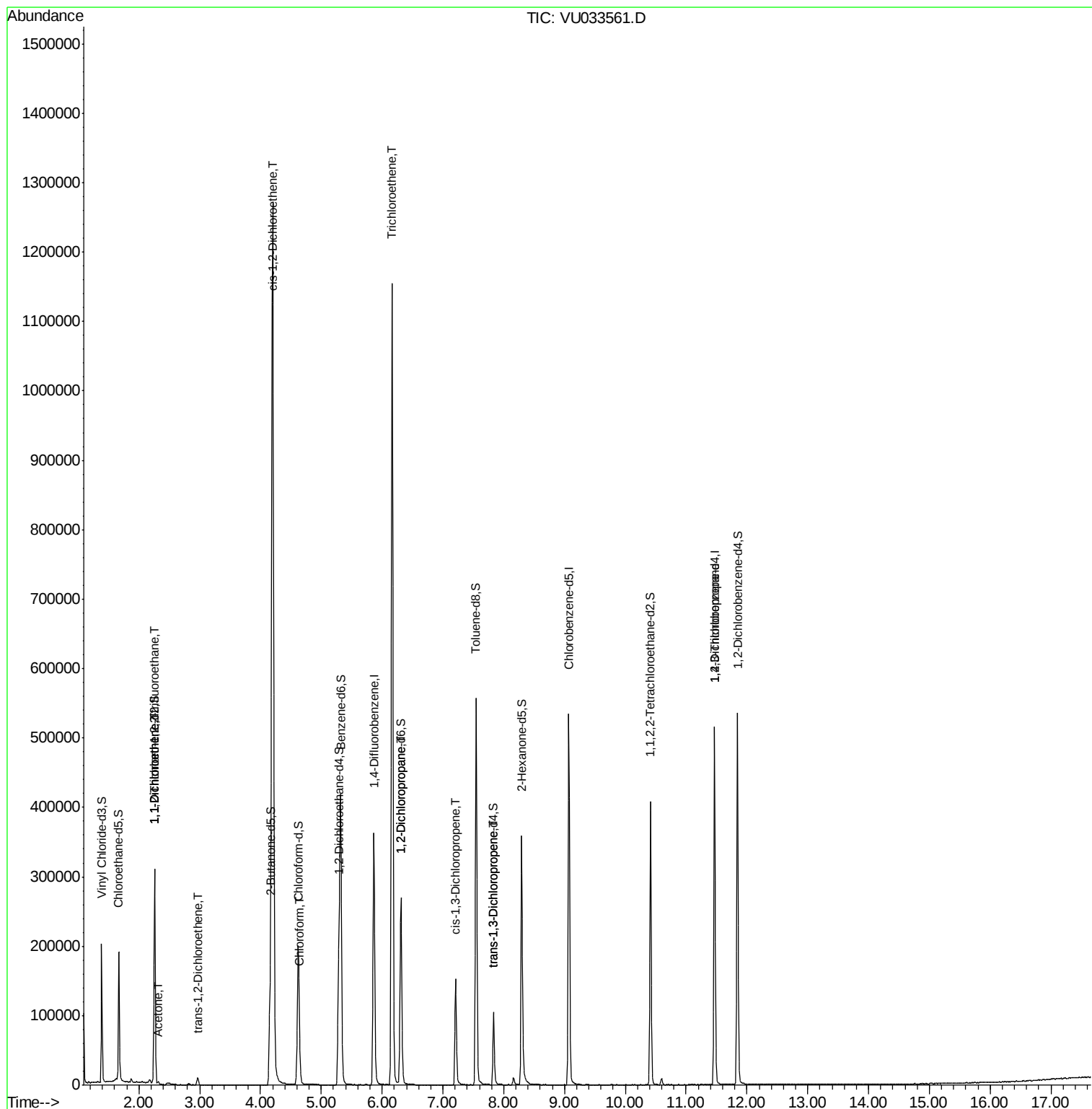
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1671	0.818 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2575	1.314 ug/L #	1
13) Acetone	2.32	43	1509	1.012 ug/L	90
17) trans-1,2-Dichloroethene	2.96	96	4107	2.001 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	714966	310.270 ug/L	100
25) Chloroform	4.65	83	3185	0.785 ug/L	98
34) Trichloroethene	6.16	95	393887	172.789 ug/L	98
37) 1,2-Dichloropropane	6.31	63	14348	6.203 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3975	1.101 ug/L #	77
44) trans-1,3-Dichloropropene	7.83	75	3021	0.926 ug/L	95
59) 1,2,3-Trichloropropane	11.47	75	16238	5.318 ug/L	90

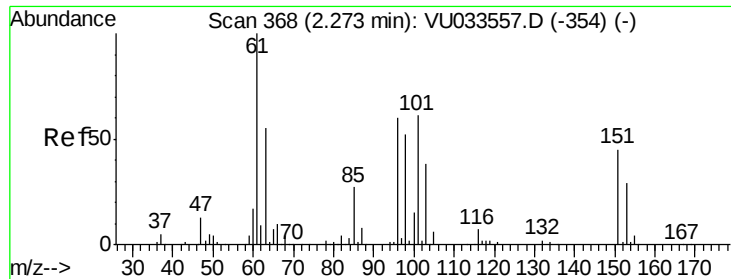
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.818 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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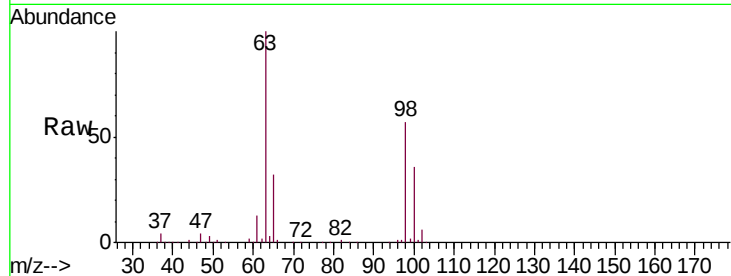
Tgt Ion: 101 Resp: 1671

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

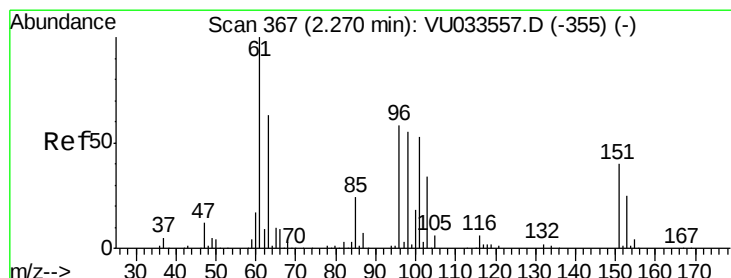
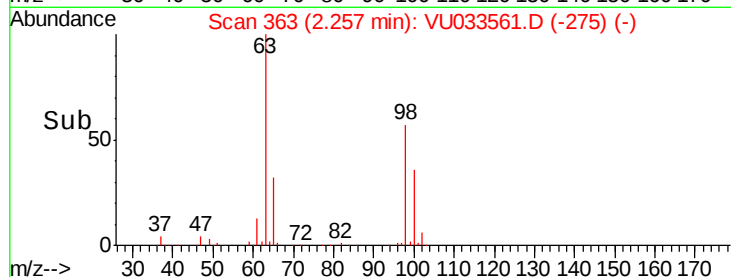
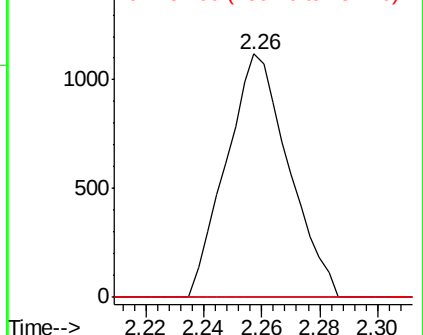
151 0.0 60.1 90.1#



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: 1.314 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU033561.D

Acq: 02 Aug 2019 11:51

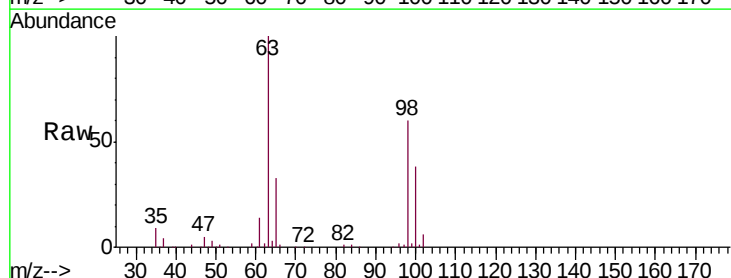
Tgt Ion: 96 Resp: 2575

Ion Ratio Lower Upper

96 100

61 710.5 119.3 221.5#

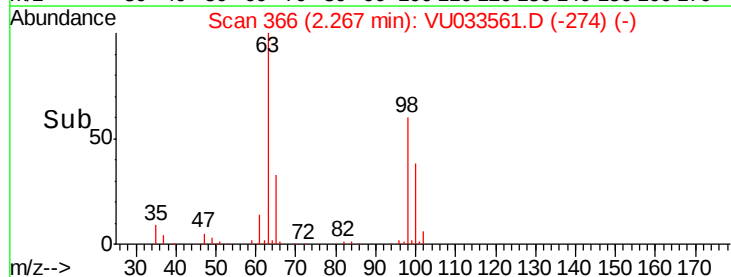
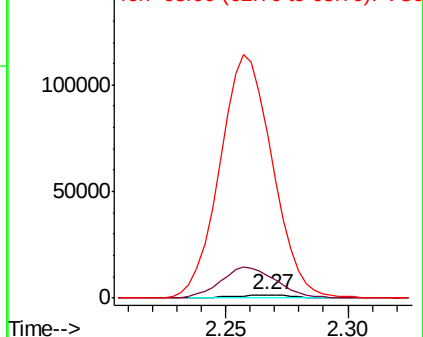
63 5205.7 86.6 160.8#

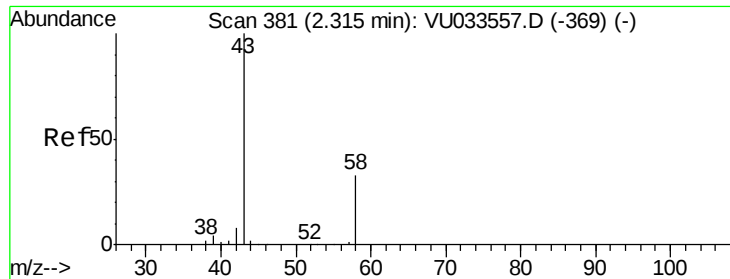


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.012 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

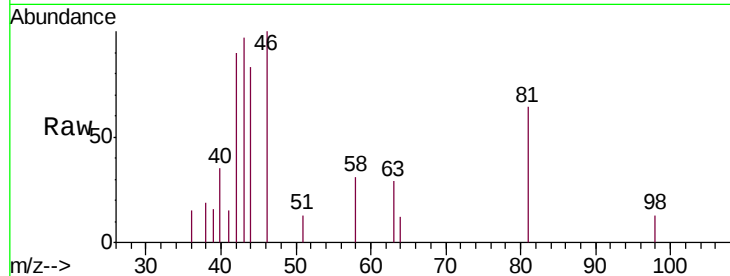
DB9G3

Tgt Ion: 43 Resp: 1509

Ion Ratio Lower Upper

43 100

58 27.7 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

800

600

400

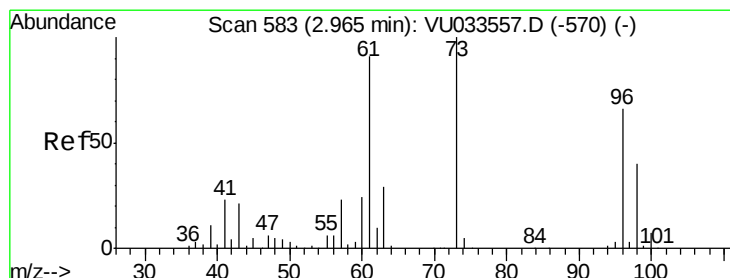
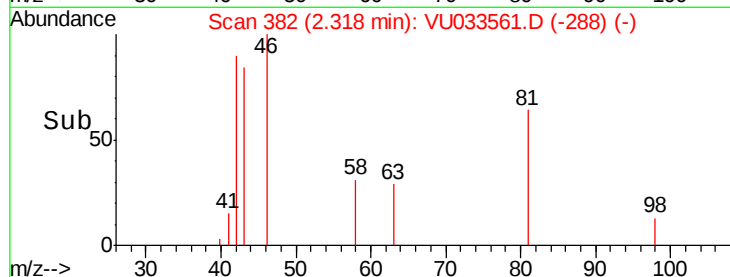
200

0

2.30

2.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 2.001 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033561.D

Acq: 02 Aug 2019 11:51

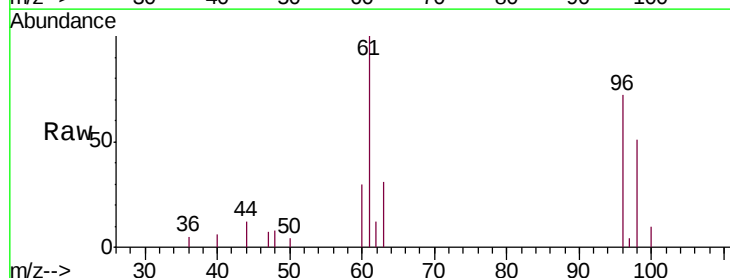
Tgt Ion: 96 Resp: 4107

Ion Ratio Lower Upper

96 100

61 139.4 98.3 182.5

98 71.4 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

4000

3000

2000

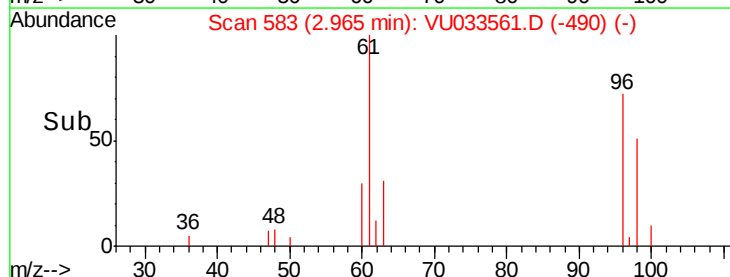
1000

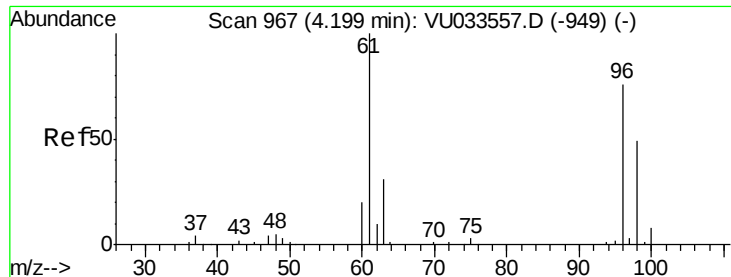
0

2.95

3.00

Time-->

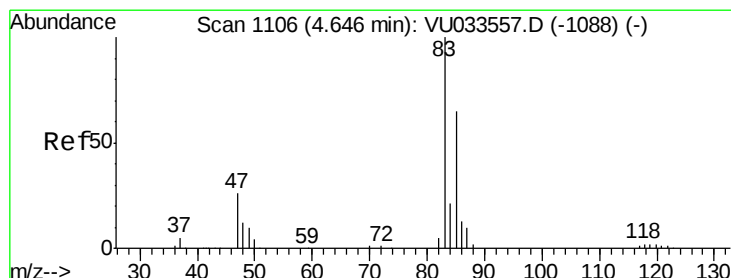
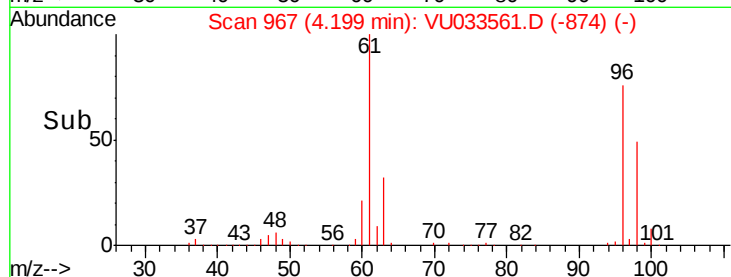
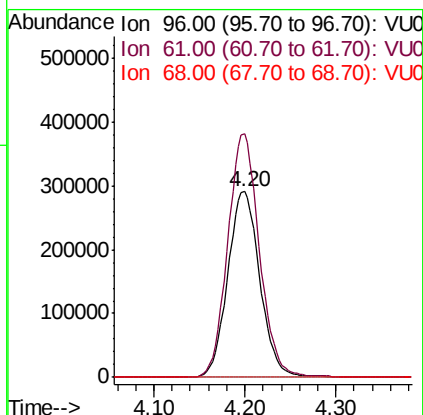
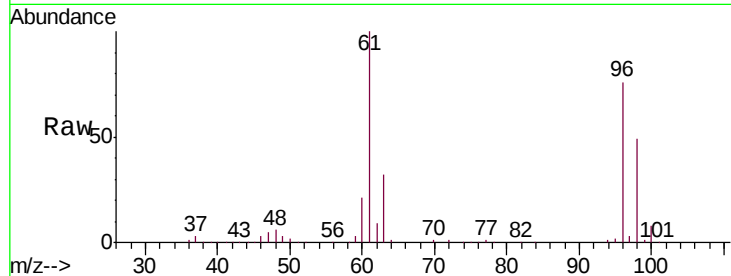




#20
 cis-1,2-Dichloroethene
 Concen: 310.270 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033561.D
 Acq: 02 Aug 2019 11:51

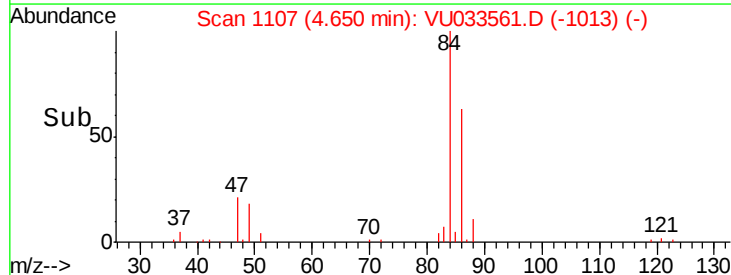
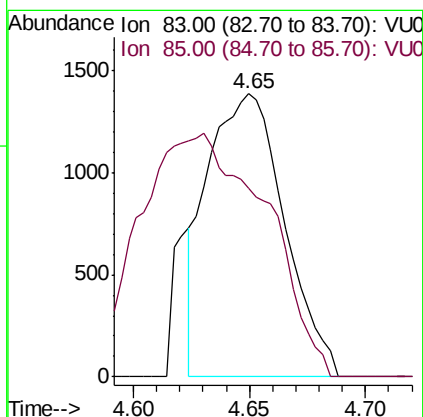
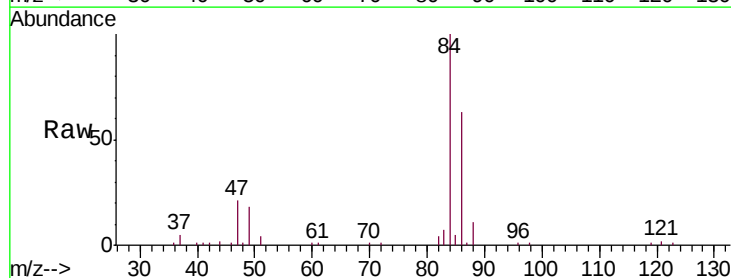
Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G3

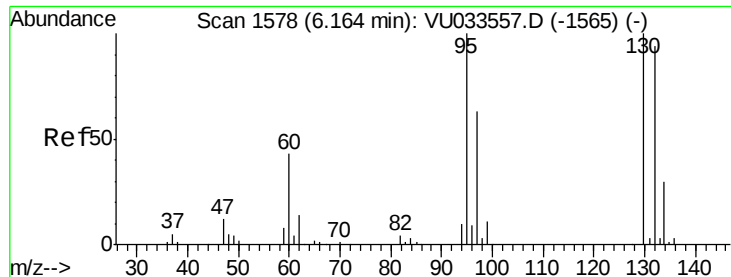
Tgt Ion: 96 Resp: 714966
 Ion Ratio Lower Upper
 96 100
 61 131.0 91.3 169.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.785 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VU033561.D
 Acq: 02 Aug 2019 11:51

Tgt Ion: 83 Resp: 3185
 Ion Ratio Lower Upper
 83 100
 85 66.7 45.6 84.8

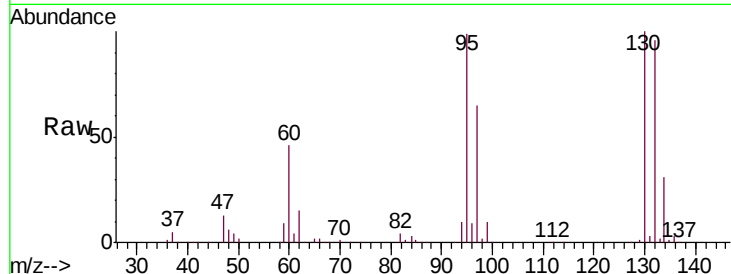




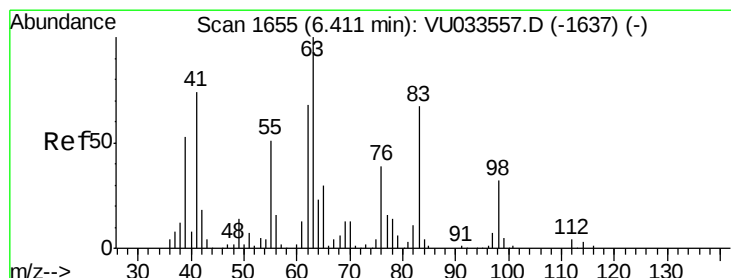
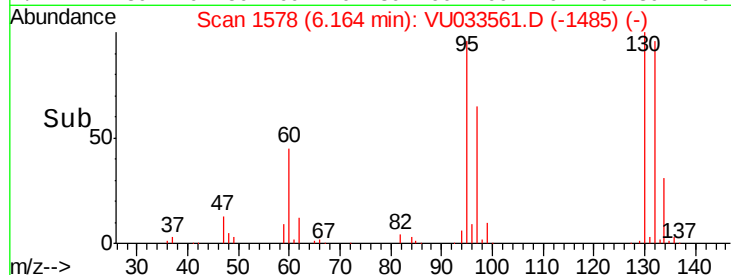
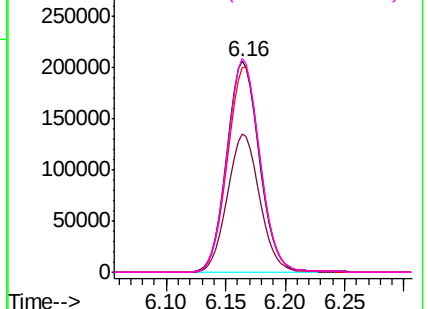
#34
 Trichloroethene
 Concen: 172.789 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033561.D
 Acq: 02 Aug 2019 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G3

Tgt Ion: 95 Resp: 393887
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.7 83.1
 132 97.1 66.8 124.0
 130 101.3 71.6 133.0

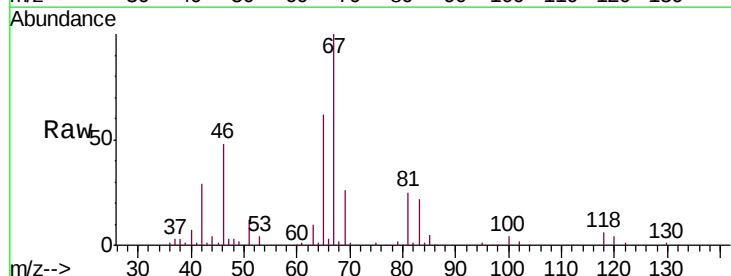


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

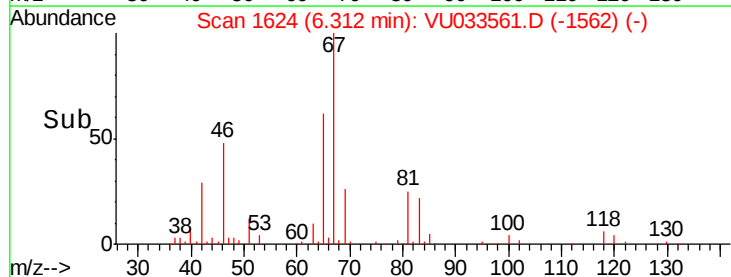
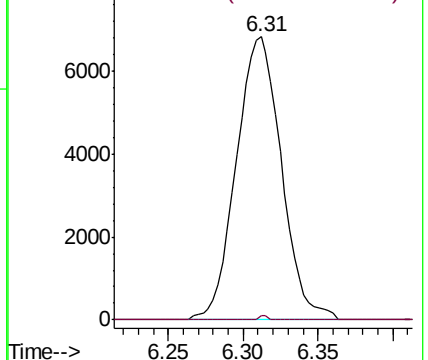


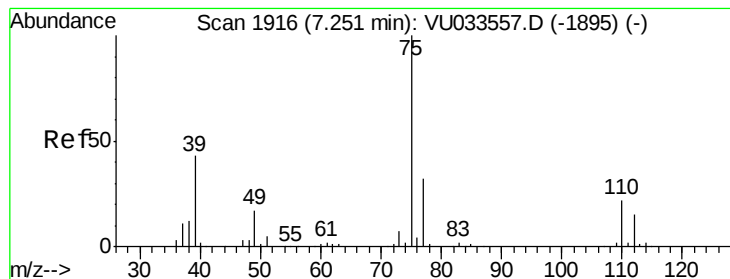
#37
 1,2-Dichloropropane
 Concen: 6.203 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033561.D
 Acq: 02 Aug 2019 11:51

Tgt Ion: 63 Resp: 14348
 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



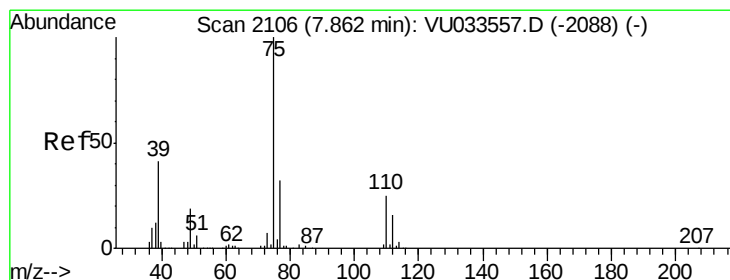
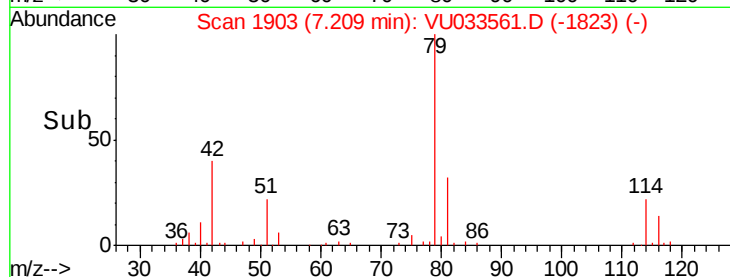
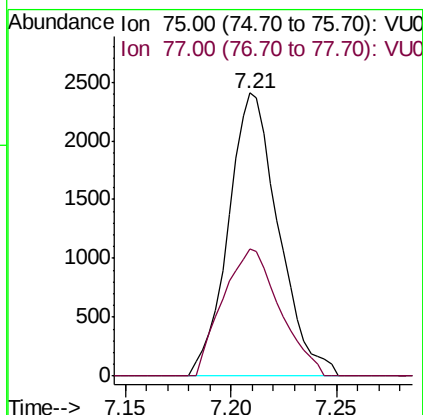
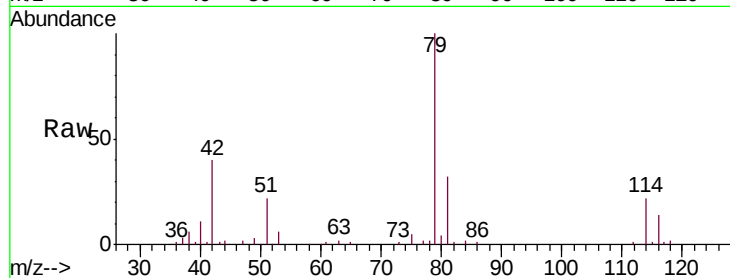


#39

cis-1,3-Dichloropropene
Concen: 1.101 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033561.D
Acq: 02 Aug 2019 11:51

Instrument :
MSVOA_U
ClientSampled :
DB9G3

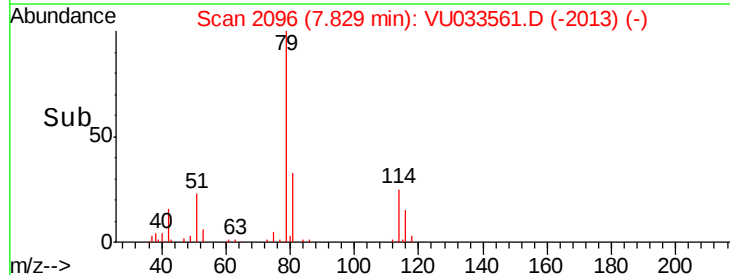
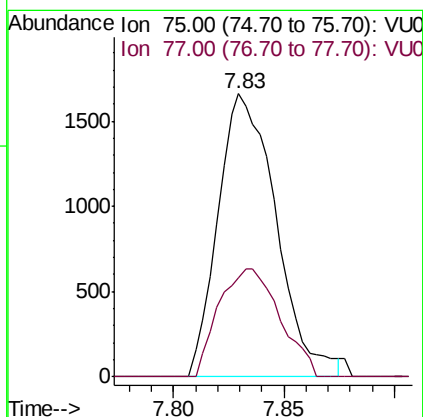
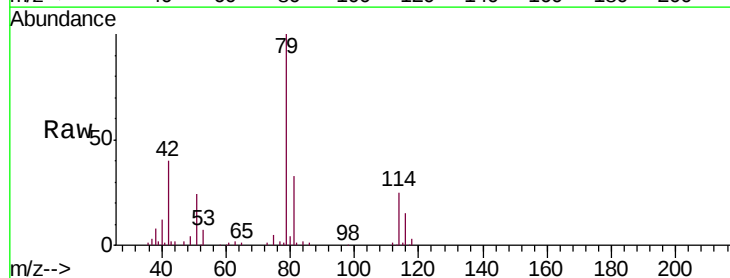
Tgt Ion: 75 Resp: 3975
Ion Ratio Lower Upper
75 100
77 44.9 22.3 41.5#

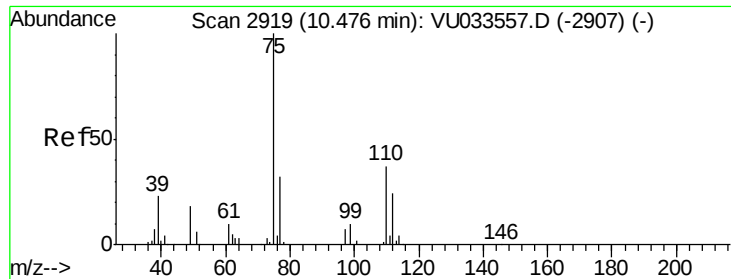


#44

trans-1,3-Dichloropropene
Concen: 0.926 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033561.D
Acq: 02 Aug 2019 11:51

Tgt Ion: 75 Resp: 3021
Ion Ratio Lower Upper
75 100
77 35.1 22.7 42.1





#59

1,2,3-Trichloropropane

Concen: 5.318 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033561.D

Acq: 02 Aug 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

DB9G3

Tgt Ion: 75 Resp: 16238

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.6

