

Data File : VU033562.D
Acq On : 02 Aug 2019 12:14
Operator : JC/SP
Sample : K4103-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F7

Quant Time: Aug 03 00:42:27 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	294219	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131436	61.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.88%
7) Chloroethane-d5	1.67	69	109576	59.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.26	63	171543	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
21) 2-Butanone-d5	4.15	46	170640	120.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.44%
24) Chloroform-d	4.62	84	203343	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.42%
26) 1,2-Dichloroethane-d4	5.29	65	136416	60.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.14%
32) Benzene-d6	5.32	84	426928	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.92%
36) 1,2-Dichloropropane-d6	6.31	67	135672	60.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.58%#
41) Toluene-d8	7.55	98	383018	57.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.82%
43) trans-1,3-Dichloropropene-	7.83	79	62455	56.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.82%
47) 2-Hexanone-d5	8.30	63	124700	117.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	199766	58.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	145265	60.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.46%#

Target Compounds

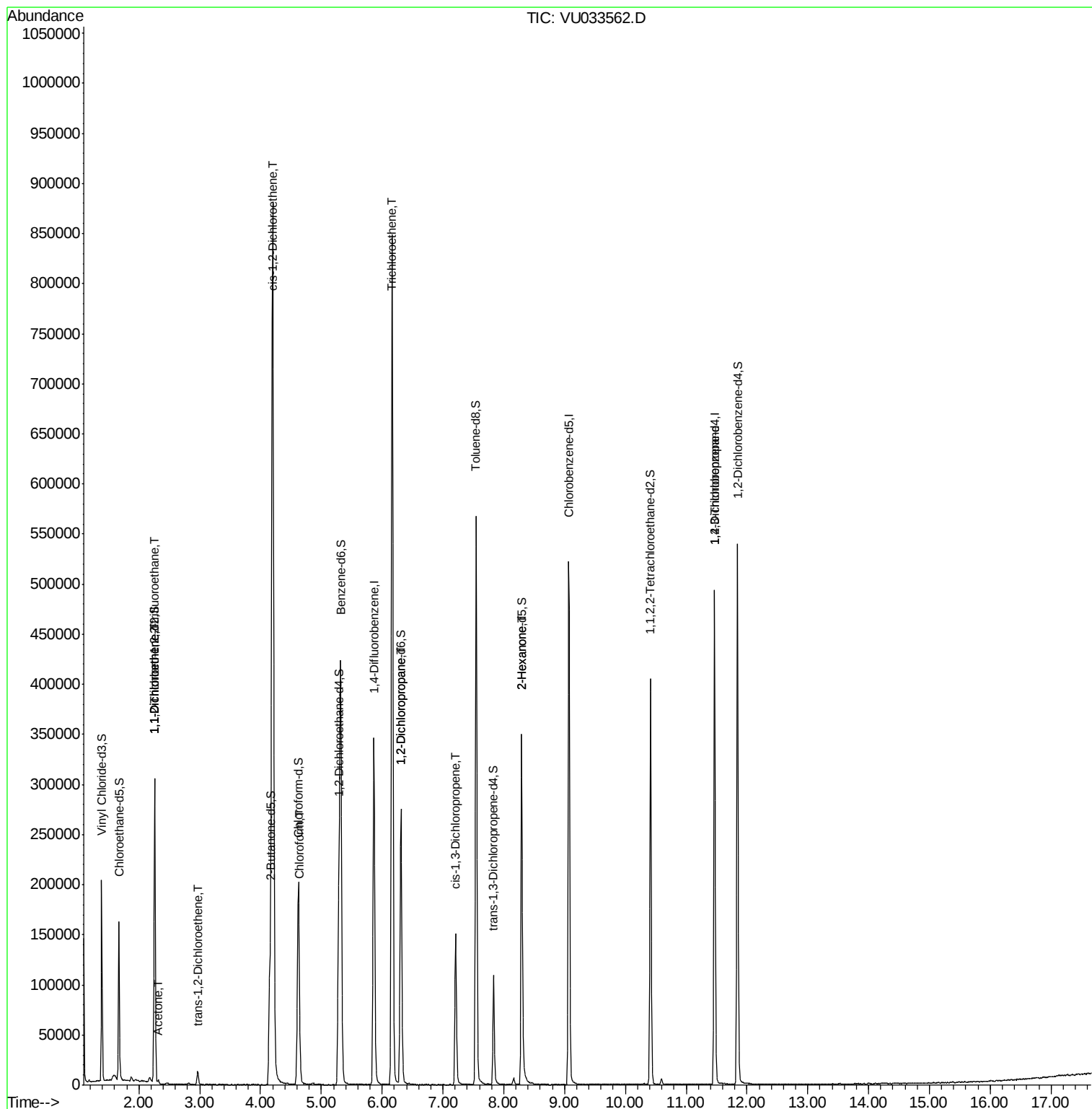
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1689	0.850 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	2192	1.150 ug/L #	1
13) Acetone	2.32	43	1580	1.090 ug/L	80
17) trans-1,2-Dichloroethene	2.97	96	5492	2.751 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	498659	222.558 ug/L	99
25) Chloroform	4.64	83	4286	1.087 ug/L	84
34) Trichloroethene	6.16	95	290563	132.943 ug/L	99
37) 1,2-Dichloropropane	6.31	63	14487	6.532 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3909	1.129 ug/L #	75
48) 2-Hexanone	8.30	43	14081	5.689 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	15211	5.196 ug/L	93

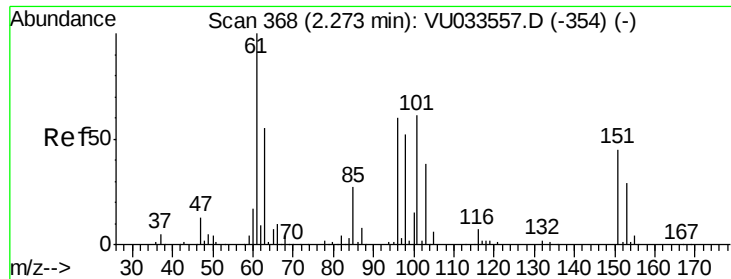
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.850 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033562.D

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Instrument :

MSVOA_U

ClientSampleId :

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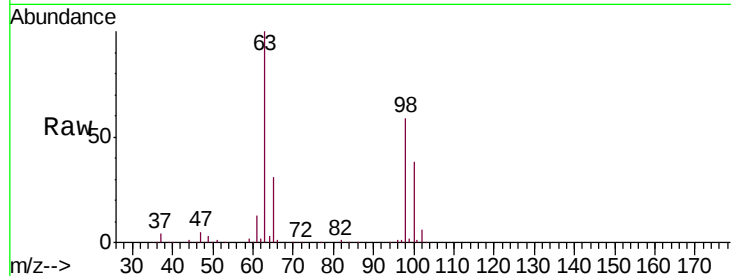
Tgt Ion: 101 Resp: 1689

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

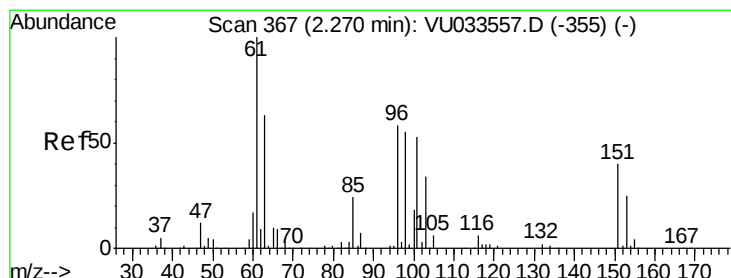
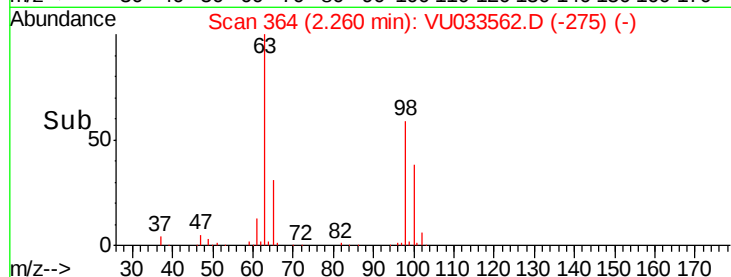
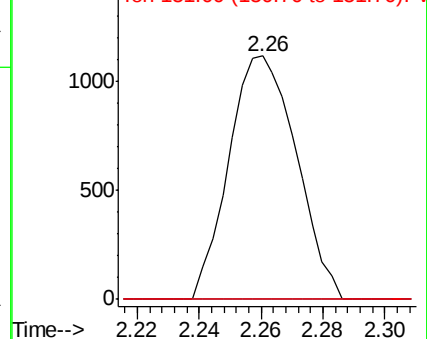
151 0.0 60.1 90.1#



Abundance Ion 101.00 (100.70 to 101.70): V

1500 Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.150 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033562.D

Acq: 02 Aug 2019 12:14

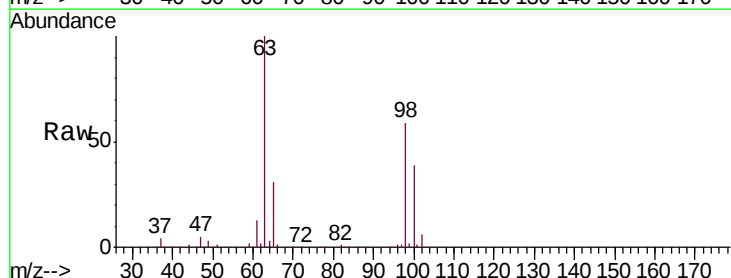
Tgt Ion: 96 Resp: 2192

Ion Ratio Lower Upper

96 100

61 1174.0 119.3 221.5#

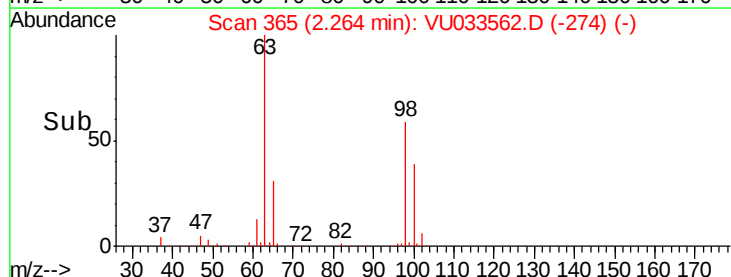
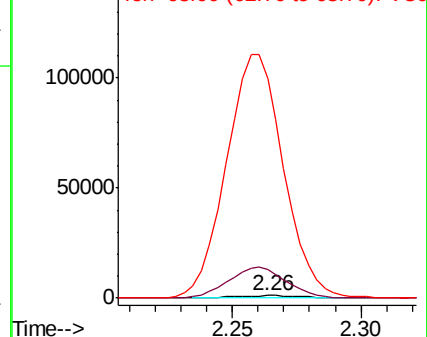
63 9171.7 86.6 160.8#

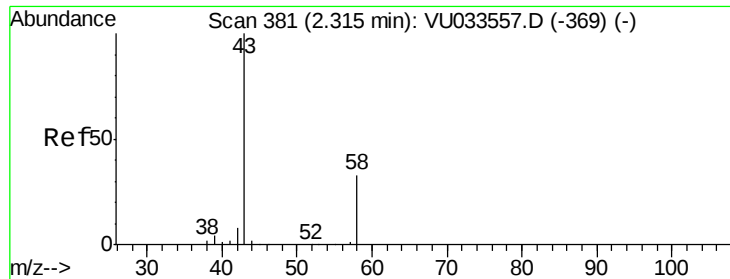


Abundance Ion 96.00 (95.70 to 96.70): VU0

150000 Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.090 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU033562.D

Acq: 02 Aug 2019 12:14

Instrument :

MSVOA_U

ClientSampleId :

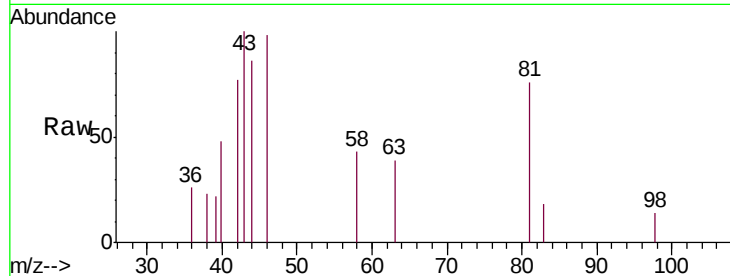
DB9F7

Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

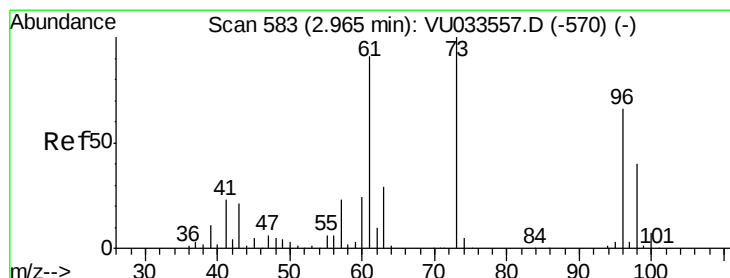
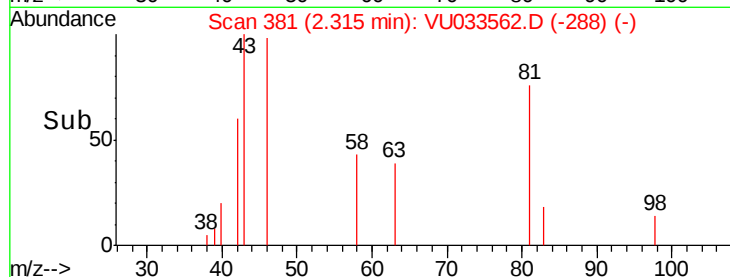
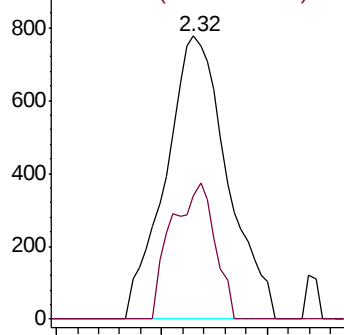
43 100

58 21.8 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 2.751 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033562.D

Acq: 02 Aug 2019 12:14

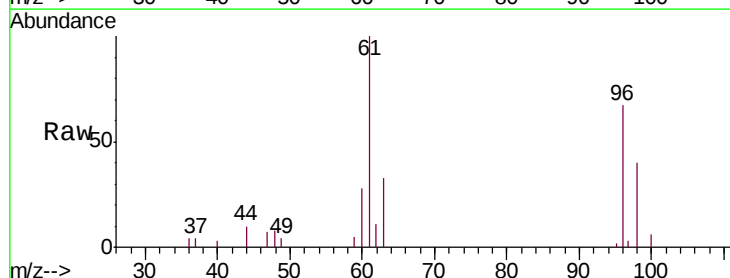
Tgt Ion: 96 Resp: 5492

Ion Ratio Lower Upper

96 100

61 148.8 98.3 182.5

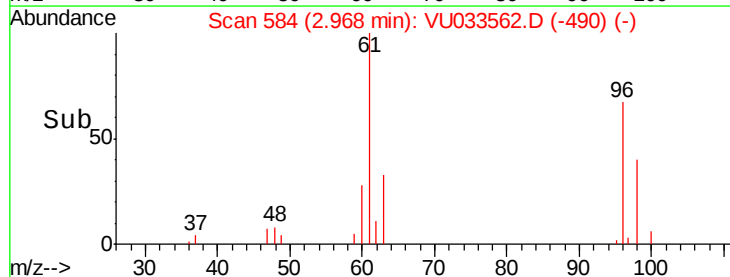
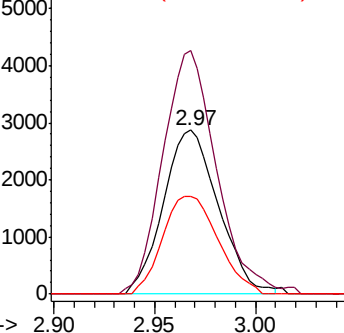
98 59.5 44.3 82.3

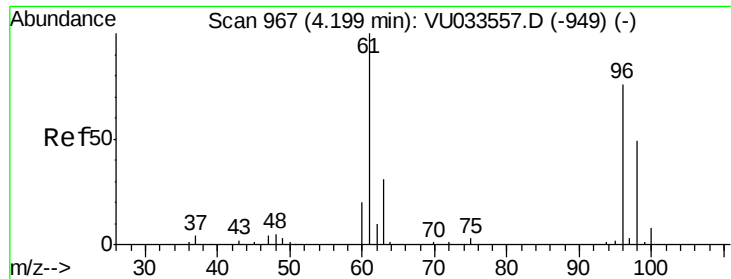


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

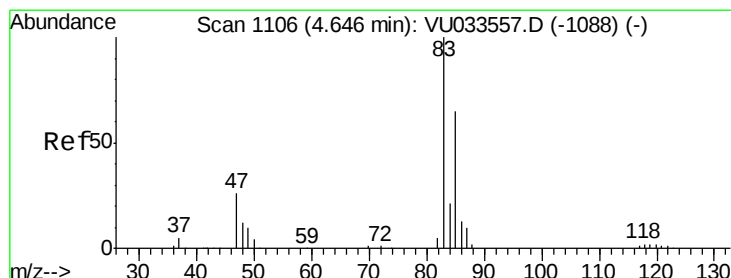
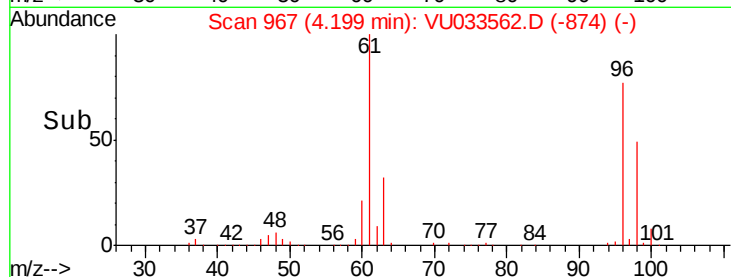
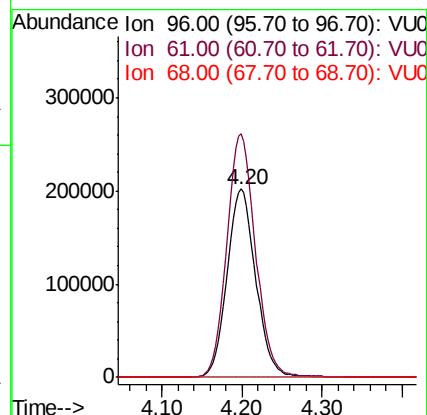
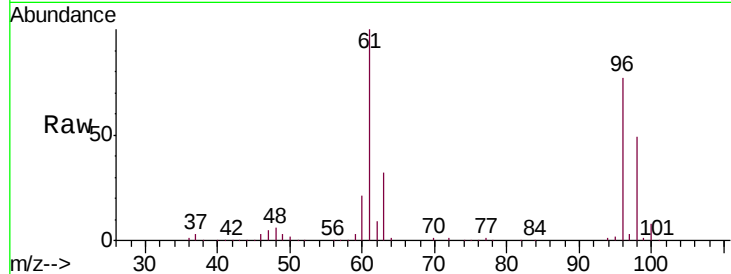




#20
 cis-1,2-Dichloroethene
 Concen: 222.558 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033562.D
 Acq: 02 Aug 2019 12:14

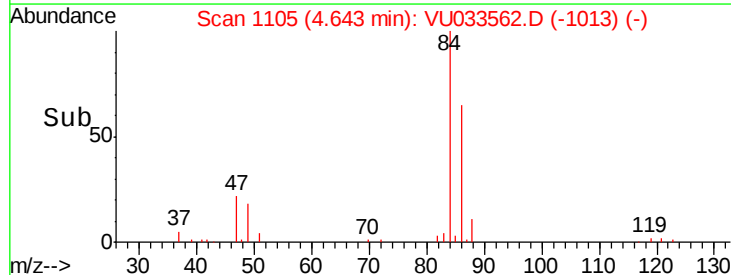
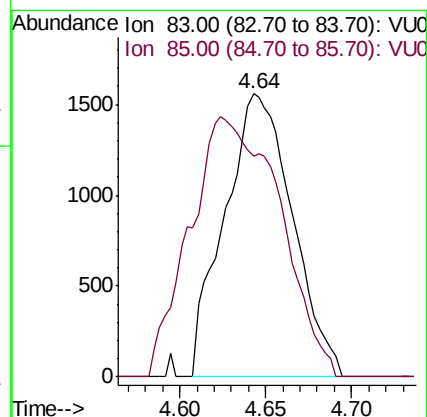
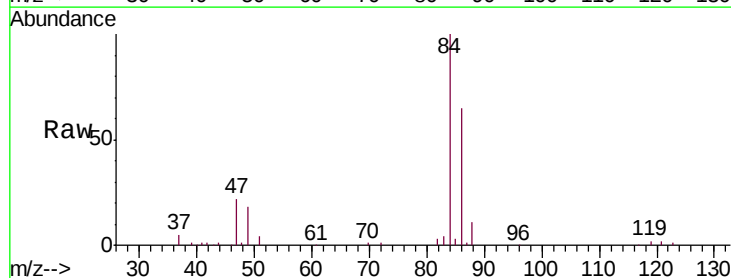
Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F7

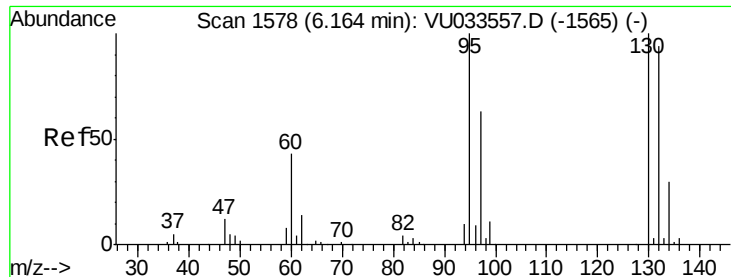
Tgt Ion: 96 Resp: 498659
 Ion Ratio Lower Upper
 96 100
 61 129.2 91.3 169.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.087 ug/L
 RT: 4.64 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: VU033562.D
 Acq: 02 Aug 2019 12:14

Tgt Ion: 83 Resp: 4286
 Ion Ratio Lower Upper
 83 100
 85 78.1 45.6 84.8

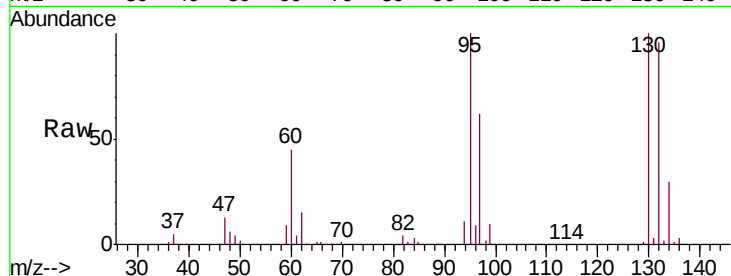




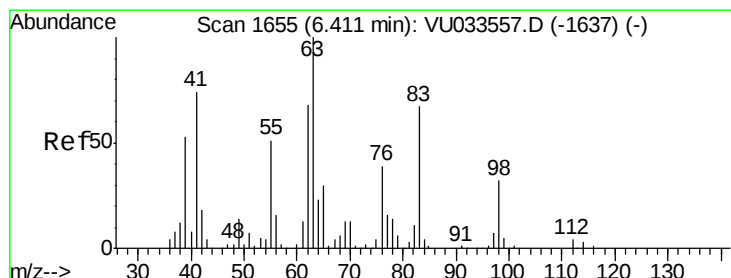
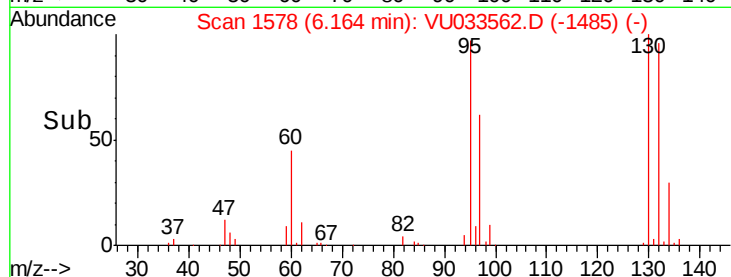
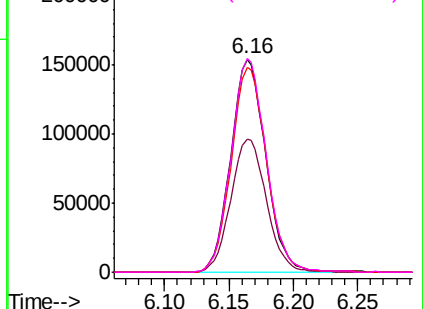
#34
 Trichloroethene
 Concen: 132.943 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033562.D
 Acq: 02 Aug 2019 12:14

Instrument :
 MSVOA_U
 ClientSampleID :
 DB9F7

Tgt Ion: 95 Resp: 290563
 Ion Ratio Lower Upper
 95 100
 97 62.6 44.7 83.1
 132 96.3 66.8 124.0
 130 100.5 71.6 133.0

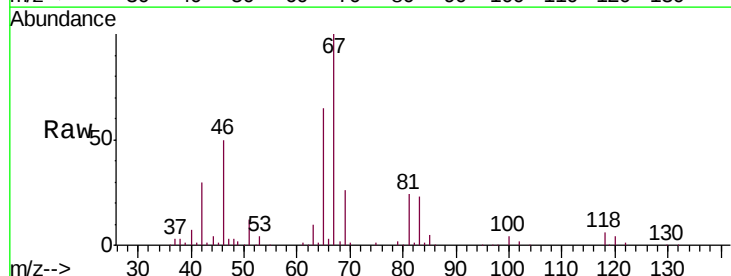


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

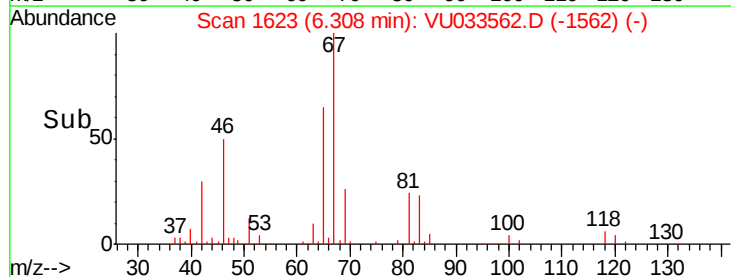
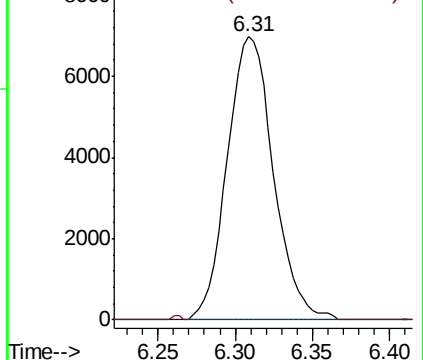


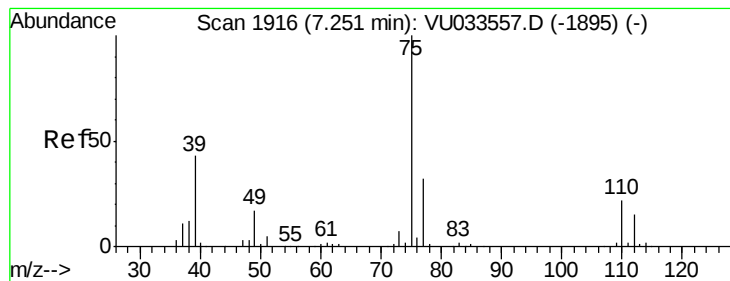
#37
 1,2-Dichloropropane
 Concen: 6.532 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033562.D
 Acq: 02 Aug 2019 12:14

Tgt Ion: 63 Resp: 14487
 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



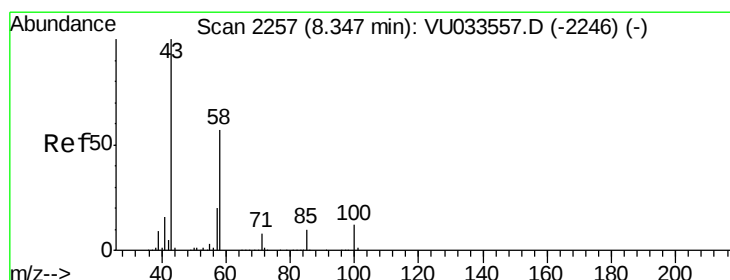
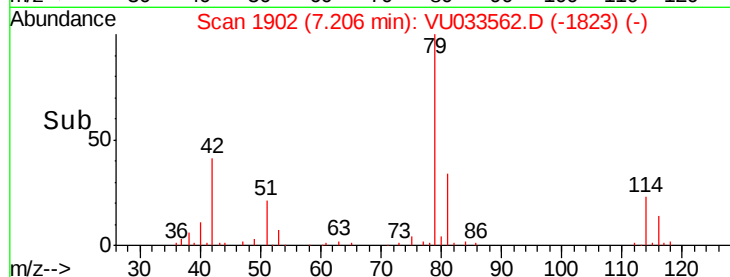
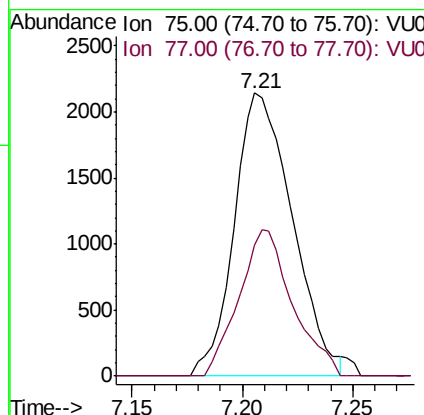
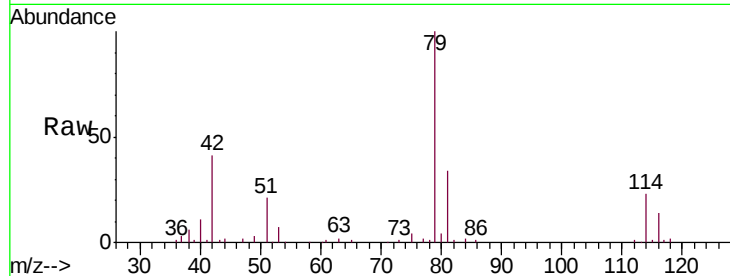


#39

cis-1,3-Dichloropropene
 Concen: 1.129 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033562.D
 Acq: 02 Aug 2019 12:14

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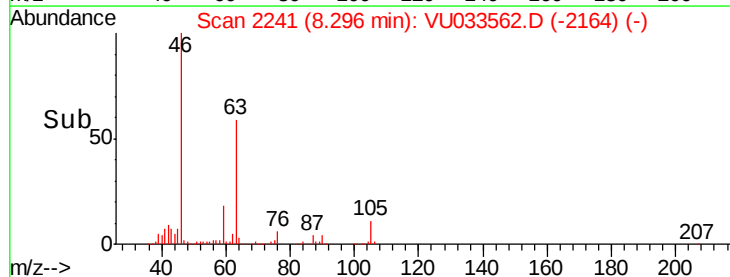
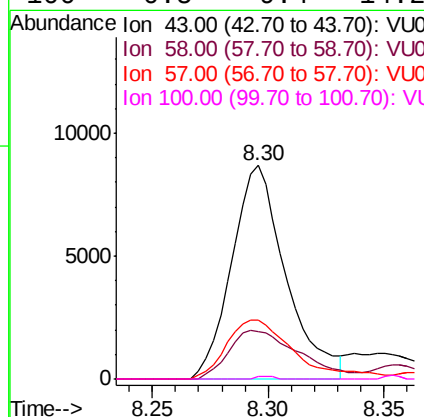
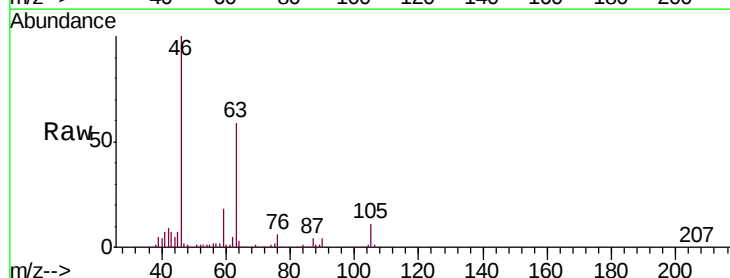
Tgt Ion: 75 Resp: 3909
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.3 41.5#

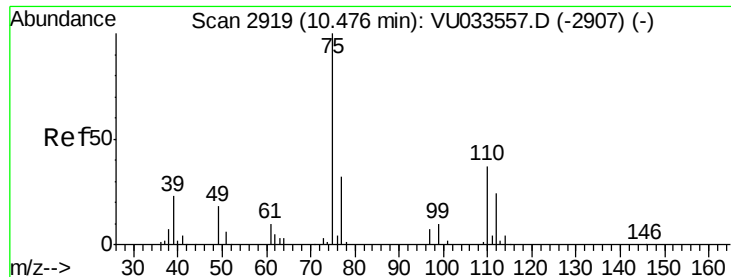


#48

2-Hexanone
 Concen: 5.689 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033562.D
 Acq: 02 Aug 2019 12:14

Tgt Ion: 43 Resp: 14081
 Ion Ratio Lower Upper
 43 100
 58 29.8 45.8 68.6#
 57 32.9 15.8 23.6#
 100 0.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.196 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033562.D

Acq: 02 Aug 2019 12:14

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MSVOA_U

ClientSampleId :

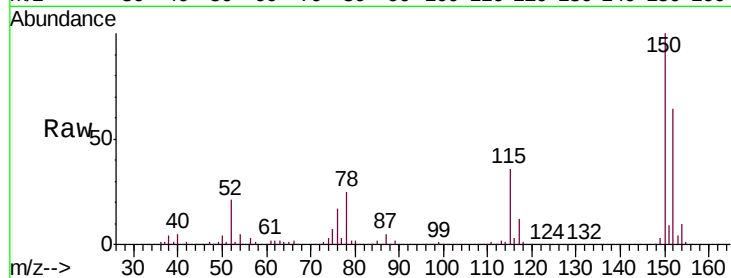
DB9F7

Tgt Ion: 75 Resp: 15211

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

