

Data File : VU033572.D
Acq On : 02 Aug 2019 16:06
Operator : JC/SP
Sample : K4103-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9G4

Quant Time: Aug 03 00:43:56 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	283882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	286351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123341	59.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	119.52%		
7) Chloroethane-d5	1.67	69	104362	58.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	117.86%		
11) 1,1-Dichloroethene-d2	2.26	63	159851	42.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.34%		
21) 2-Butanone-d5	4.15	46	171062	125.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	125.13%		
24) Chloroform-d	4.62	84	197399	57.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.12%		
26) 1,2-Dichloroethane-d4	5.29	65	131305	59.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	119.86%		
32) Benzene-d6	5.32	84	404576	57.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.00%		
36) 1,2-Dichloropropane-d6	6.31	67	129438	58.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	116.34%		
41) Toluene-d8	7.55	98	358156	53.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.68%		
43) trans-1,3-Dichloropropene-	7.83	79	58966	53.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.84%		
47) 2-Hexanone-d5	8.29	63	122909	116.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.34%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192260	56.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.06%		
64) 1,2-Dichlorobenzene-d4	11.84	152	142307	57.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.18%		

Target Compounds

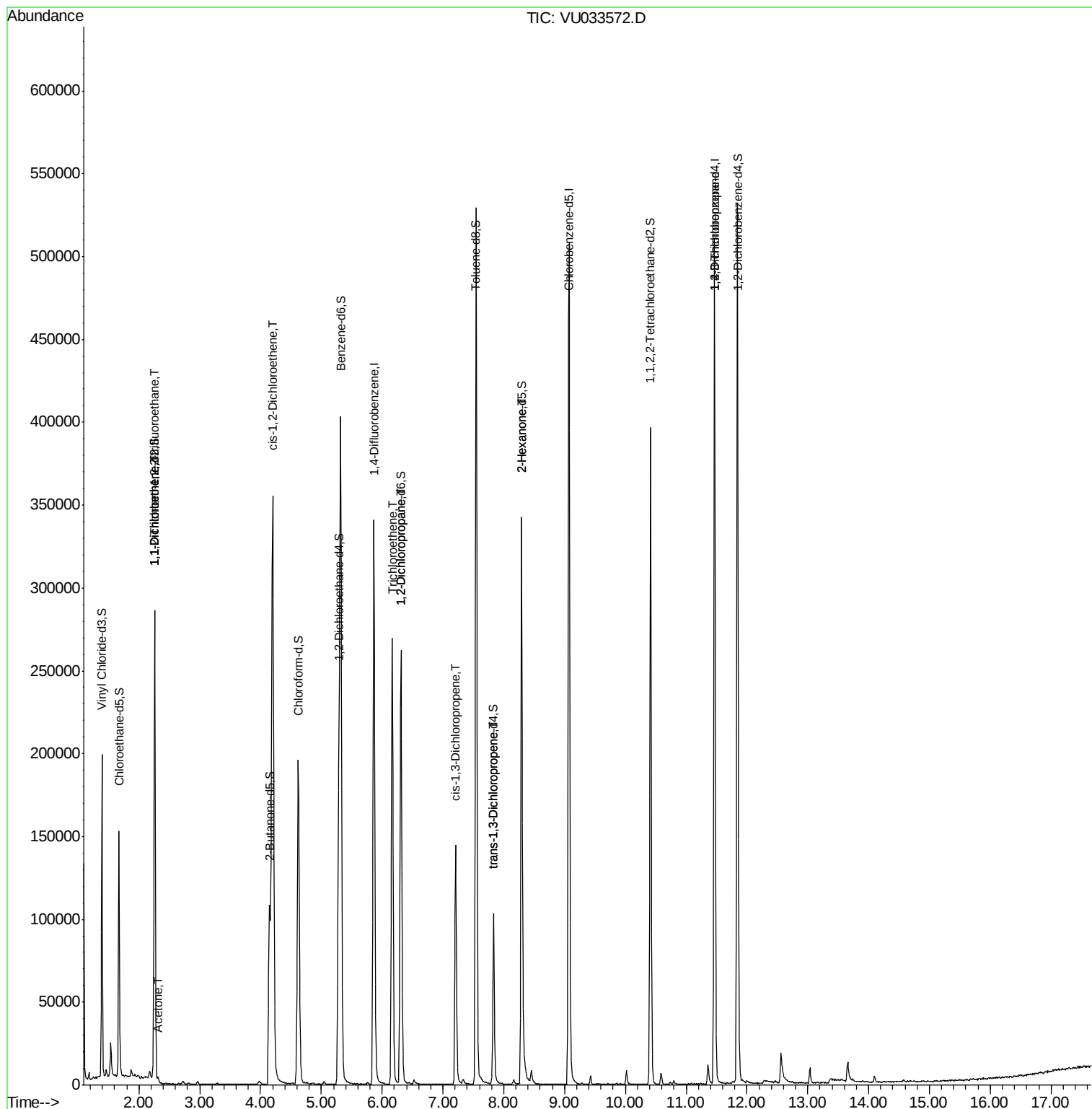
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1377	0.718	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1826	0.993	ug/L #	1
13) Acetone	2.31	43	1591	1.138	ug/L	82
20) cis-1,2-Dichloroethene	4.20	96	202122	93.495	ug/L	99
34) Trichloroethene	6.17	95	94270	43.262	ug/L	97
37) 1,2-Dichloropropane	6.31	63	13991	6.327	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3553	1.029	ug/L #	68
44) trans-1,3-Dichloropropene	7.83	75	2553	0.819	ug/L #	79
48) 2-Hexanone	8.29	43	14199	5.754	ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	15740	5.393	ug/L #	84

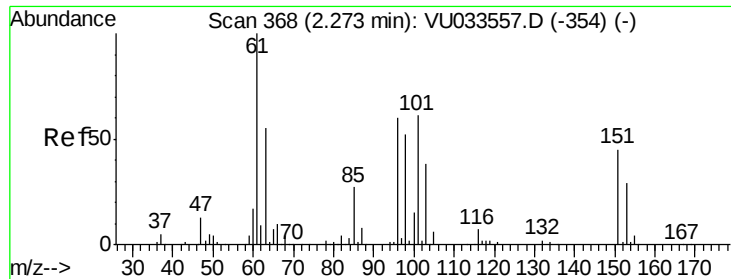
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.718 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033572.D

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Instrument :

MSVOA_U

ClientSampleId :

DB9G4

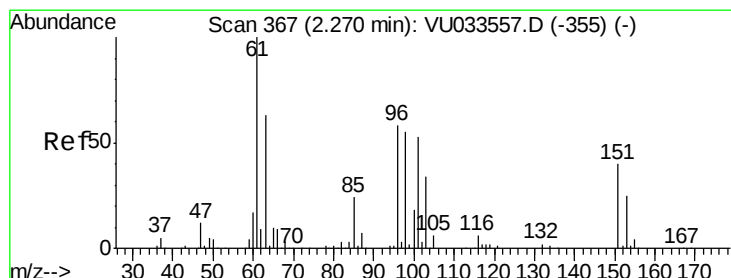
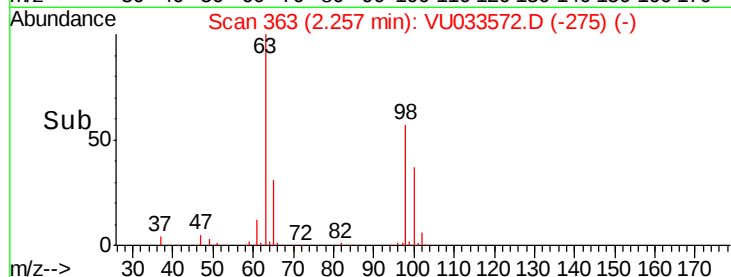
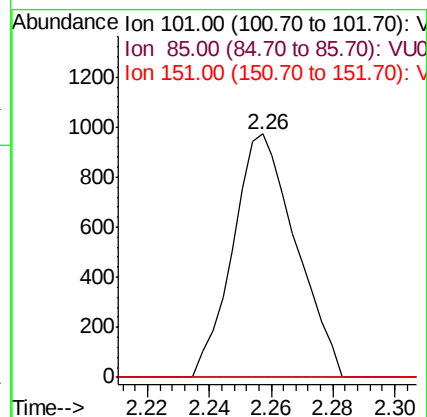
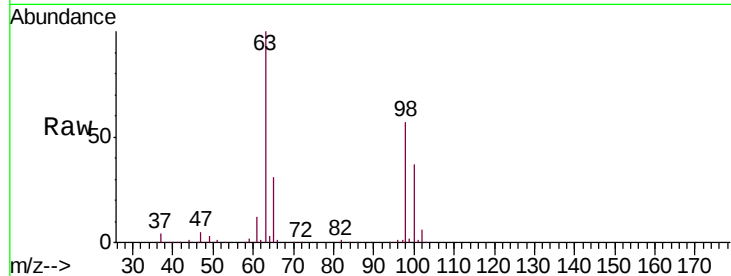
Tgt Ion:101 Resp: 1377

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 60.1 90.1#



#12

1,1-Dichloroethene

Concen: 0.993 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033572.D

Acq: 02 Aug 2019 16:06

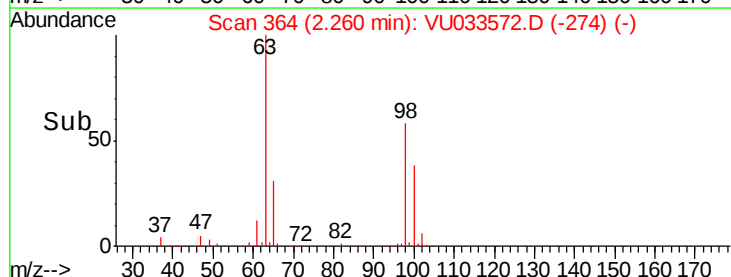
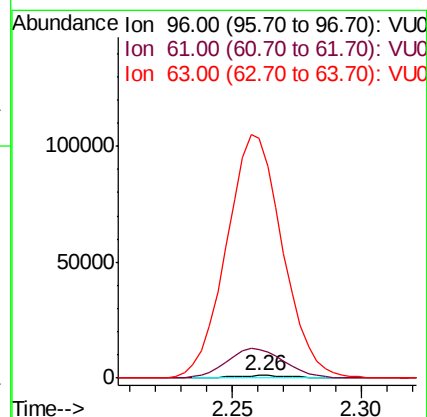
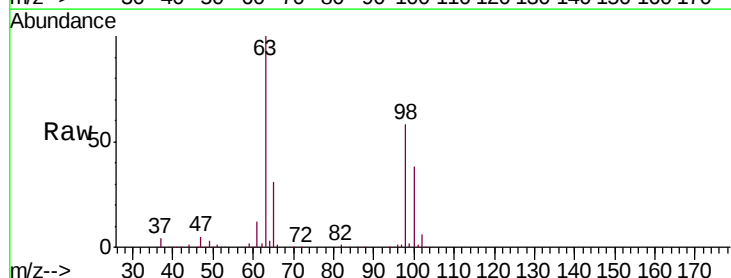
Tgt Ion: 96 Resp: 1826

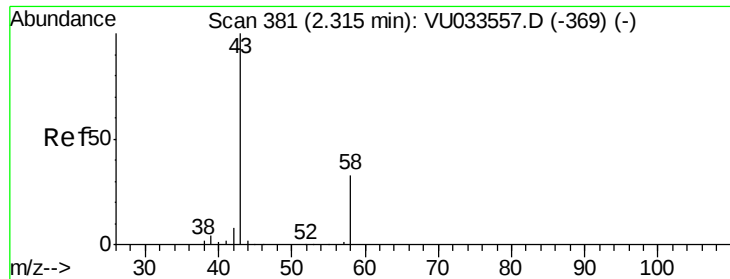
Ion Ratio Lower Upper

96 100

61 1228.6 119.3 221.5#

63 10103.6 86.6 160.8#





#13

Acetone

Concen: 1.138 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VU033572.D

Acq: 02 Aug 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

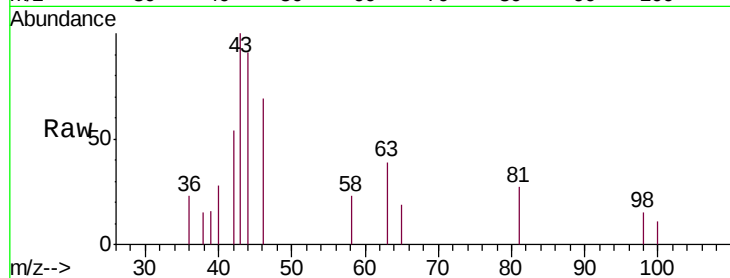
DB9G4

Tgt Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

58 22.9 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033557.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU033557.D (-369) (-)

2.31

1000

800

600

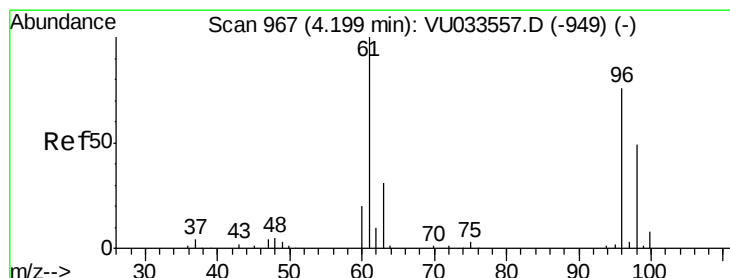
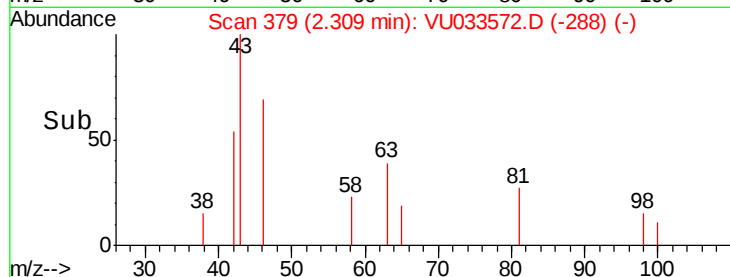
400

200

0

2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 93.495 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033572.D

Acq: 02 Aug 2019 16:06

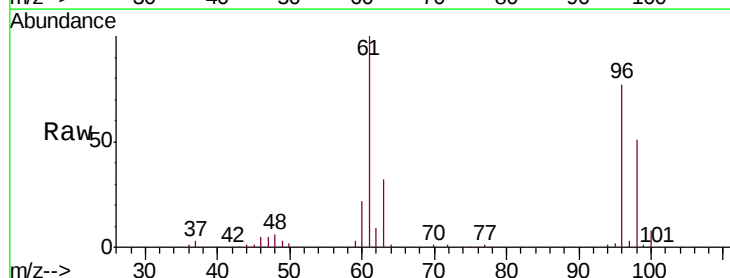
Tgt Ion: 96 Resp: 202122

Ion Ratio Lower Upper

96 100

61 129.9 91.3 169.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033557.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033557.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033557.D (-949) (-)

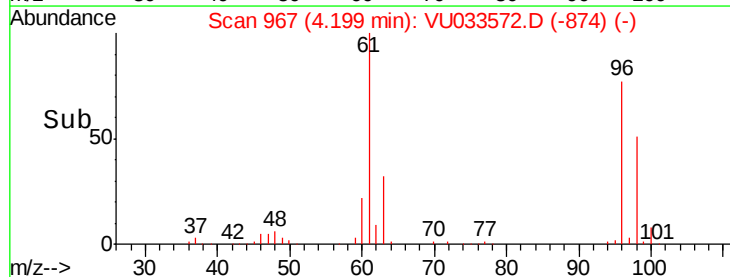
100000

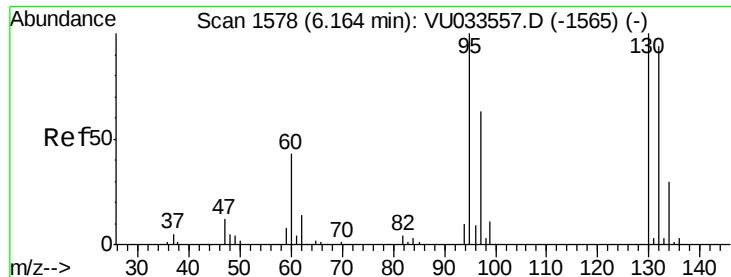
50000

0

4.10 4.20 4.30

Time-->

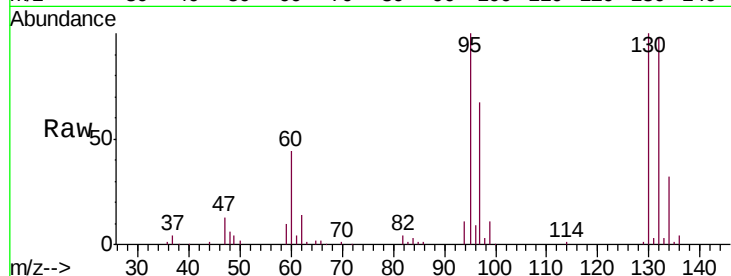




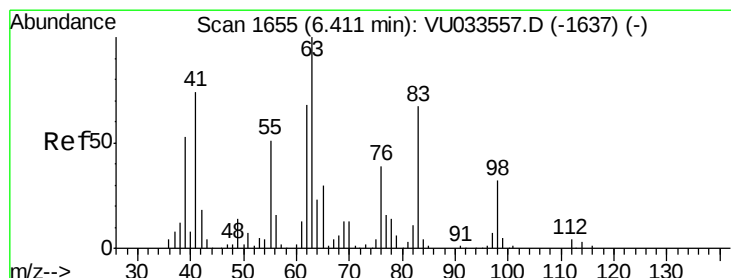
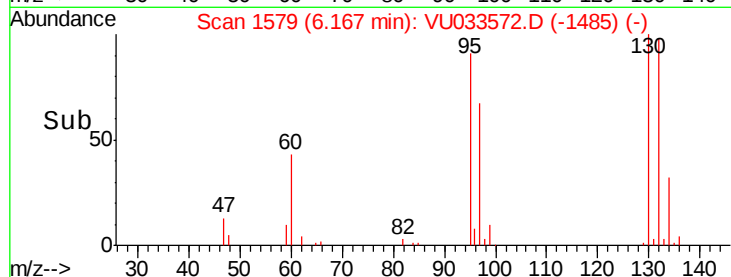
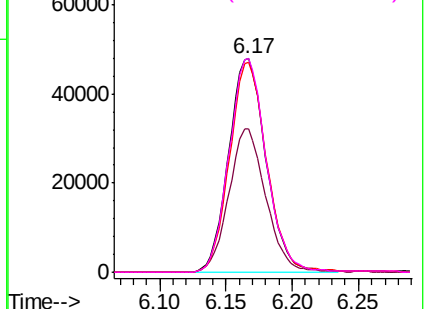
#34
 Trichloroethene
 Concen: 43.262 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033572.D
 Acq: 02 Aug 2019 16:06

Instrument :
 MSVOA_U
 ClientSampleID :
 DB9G4

Tgt Ion: 95 Resp: 94270
 Ion Ratio Lower Upper
 95 100
 97 67.0 44.7 83.1
 132 98.3 66.8 124.0
 130 100.0 71.6 133.0

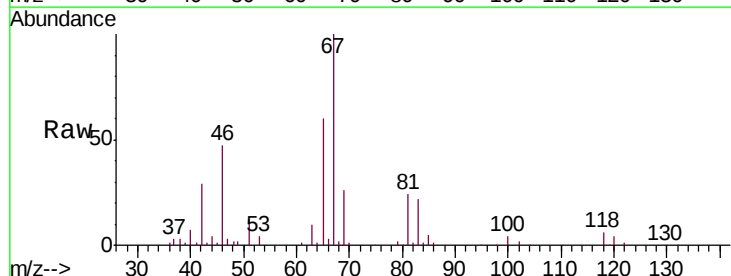


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

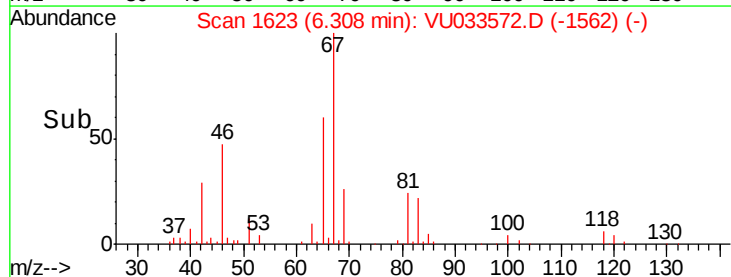
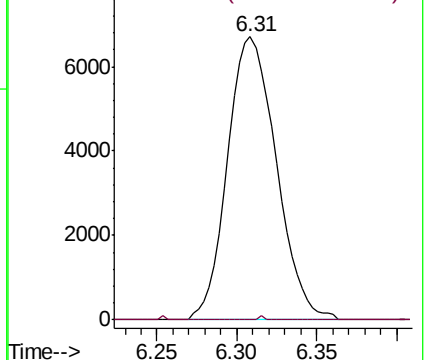


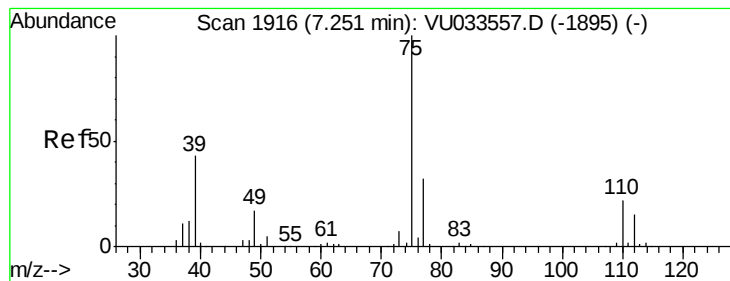
#37
 1,2-Dichloropropane
 Concen: 6.327 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033572.D
 Acq: 02 Aug 2019 16:06

Tgt Ion: 63 Resp: 13991
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V



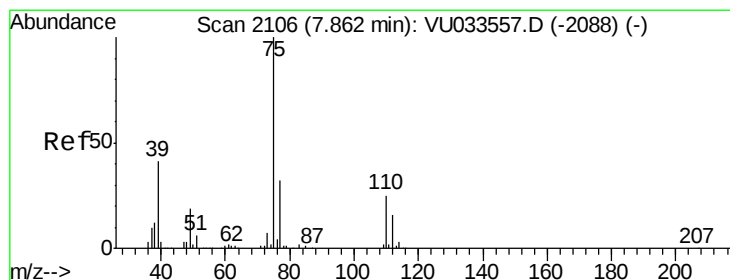
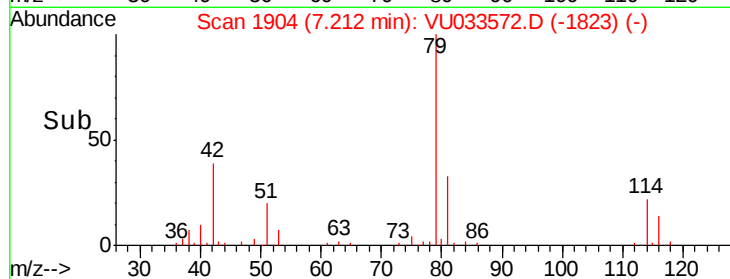
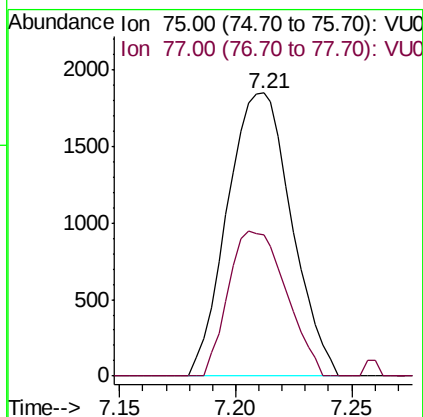
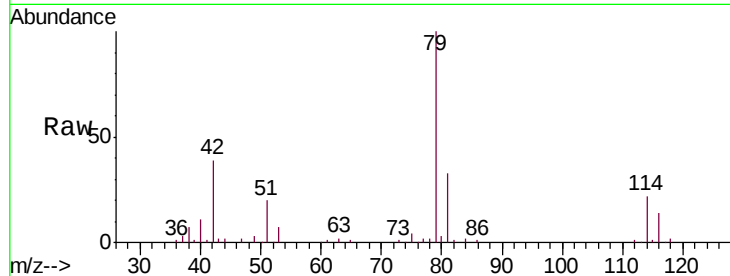


#39

cis-1,3-Dichloropropene
 Concen: 1.029 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033572.D
 Acq: 02 Aug 2019 16:06

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G4

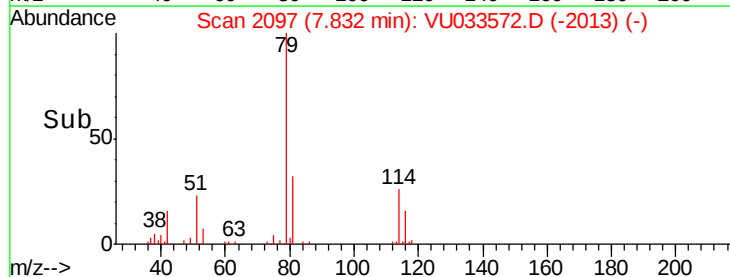
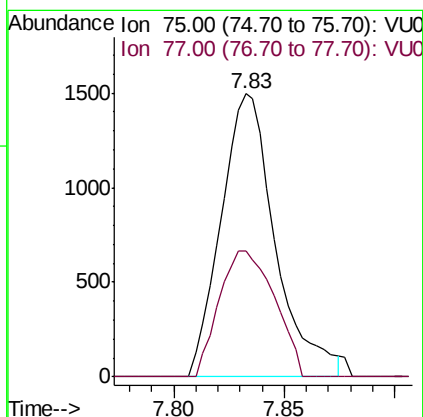
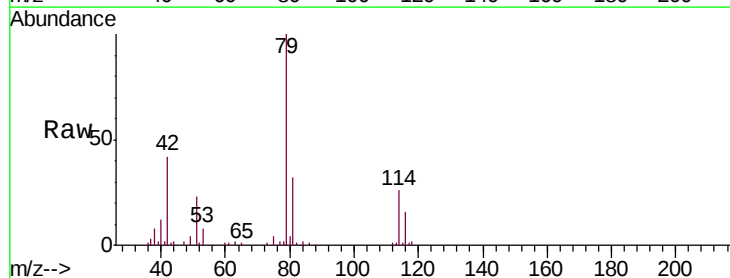
Tgt Ion: 75 Resp: 3553
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.3 41.5#

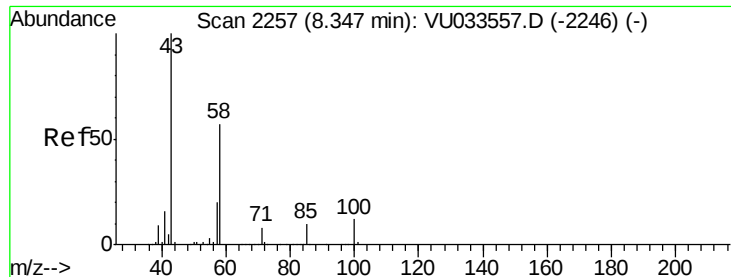


#44

trans-1,3-Dichloropropene
 Concen: 0.819 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033572.D
 Acq: 02 Aug 2019 16:06

Tgt Ion: 75 Resp: 2553
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.7 42.1#

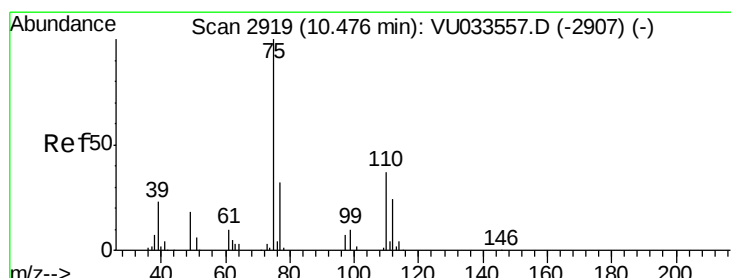
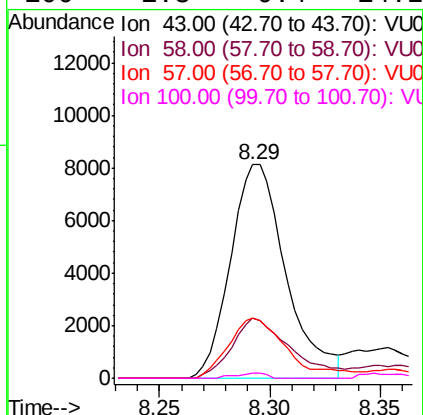
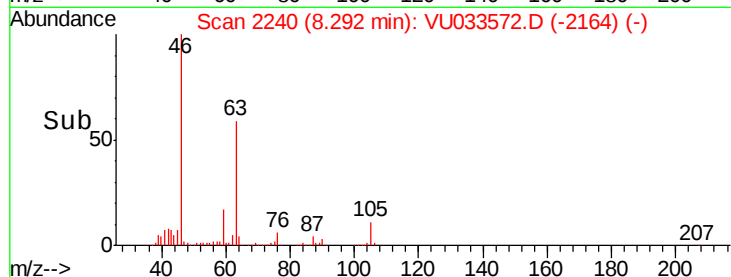
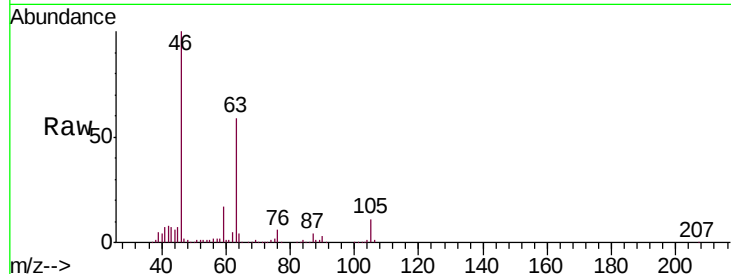




#48
 2-Hexanone
 Concen: 5.754 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033572.D
 Acq: 02 Aug 2019 16:06

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G4

Tgt Ion: 43 Resp: 14199
 Ion Ratio Lower Upper
 43 100
 58 29.9 45.8 68.6#
 57 27.5 15.8 23.6#
 100 1.3 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.393 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033572.D
 Acq: 02 Aug 2019 16:06

Tgt Ion: 75 Resp: 15740
 Ion Ratio Lower Upper
 75 100
 77 41.1 25.8 38.6#

