

Data File : VU033509.D
Acq On : 30 Jul 2019 22:38
Operator : JC/SP
Sample : K4070-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9D7

Quant Time: Jul 31 08:11:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:02:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	302486	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	300876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105946	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.34%
7) Chloroethane-d5	1.67	69	106512	56.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.90%
11) 1,1-Dichloroethene-d2	2.26	63	144008	36.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.16%
21) 2-Butanone-d5	4.16	46	156630	107.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.53%
24) Chloroform-d	4.62	84	183147	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	5.29	65	122959	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
32) Benzene-d6	5.32	84	379847	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
36) 1,2-Dichloropropane-d6	6.31	67	120445	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.02%
41) Toluene-d8	7.55	98	339933	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	7.83	79	56306	48.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.10%
47) 2-Hexanone-d5	8.30	63	114767	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	178381	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	133177	52.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

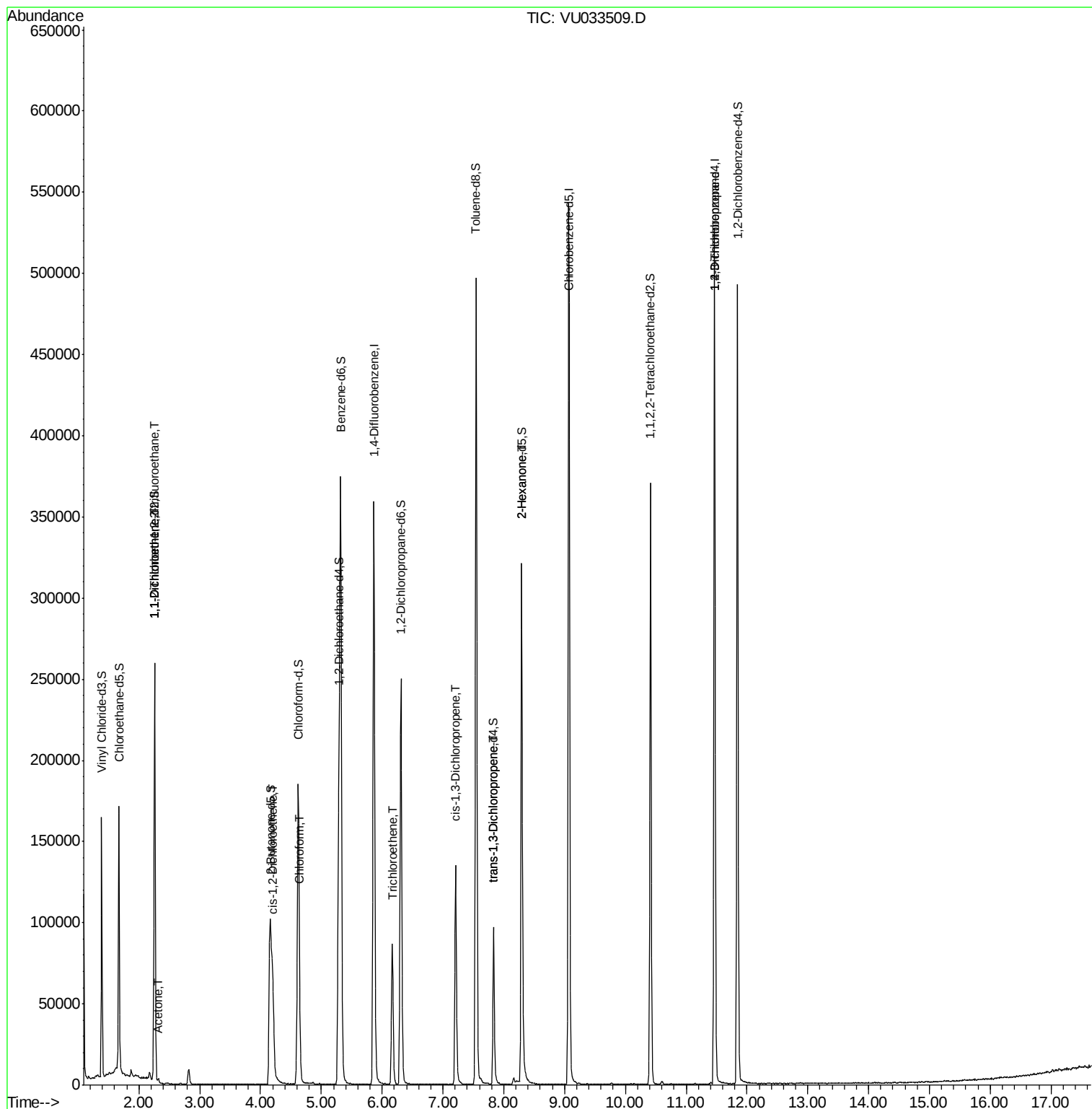
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1529	0.749	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1230	0.628	ug/L #	1
13) Acetone	2.32	43	913	0.613	ug/L	89
20) cis-1,2-Dichloroethene	4.20	96	30374	13.186	ug/L	92
25) Chloroform	4.65	83	4369	1.078	ug/L	87
34) Trichloroethene	6.17	95	30514	13.327	ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	3563	0.983	ug/L #	72
44) trans-1,3-Dichloropropene	7.83	75	2422	0.739	ug/L	89
48) 2-Hexanone	8.29	43	13549	5.225	ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	15937	5.197	ug/L #	83

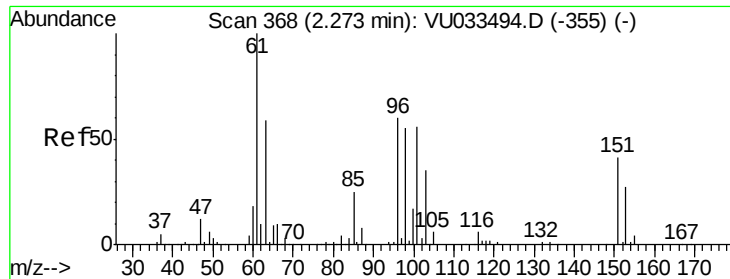
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.749 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033509.D

Acq: 30 Jul 2019 22:38

Instrument :

MSVOA_U

ClientSampleId :

DB9D7

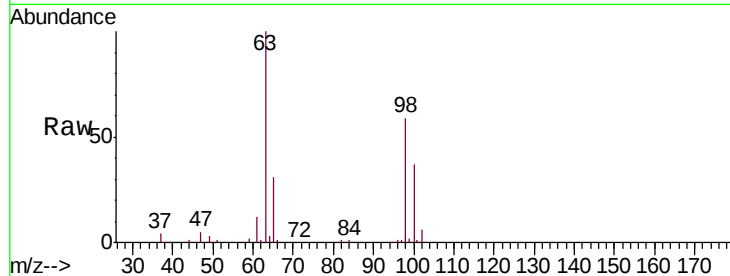
Tgt Ion: 101 Resp: 1529

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

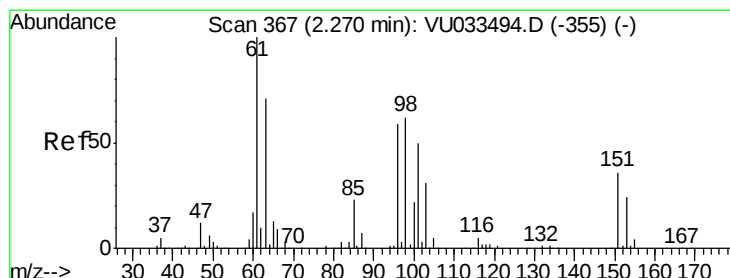
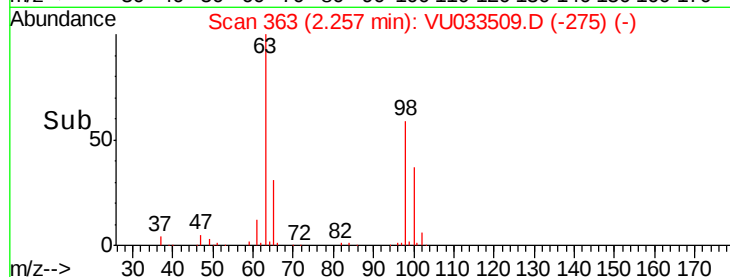
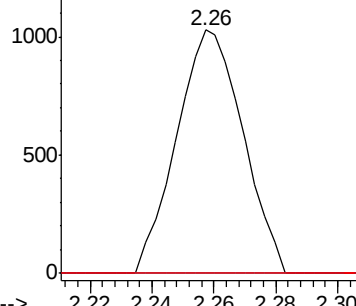
151 0.0 60.1 90.1#



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: 0.628 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033509.D

Acq: 30 Jul 2019 22:38

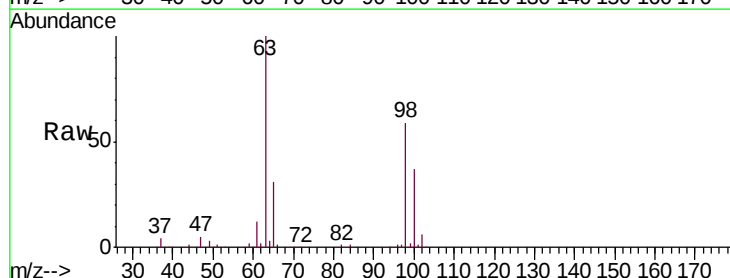
Tgt Ion: 96 Resp: 1230

Ion Ratio Lower Upper

96 100

61 1350.5 119.3 221.5#

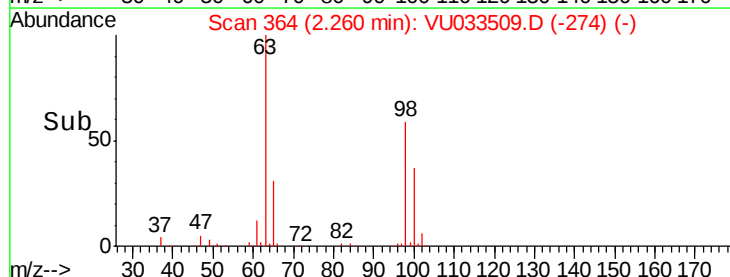
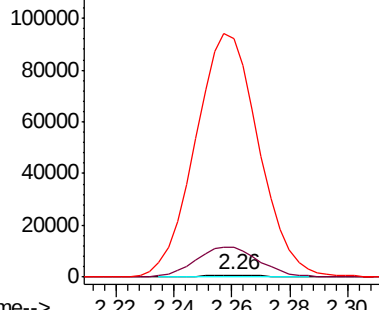
63 10871.7 86.6 160.8#

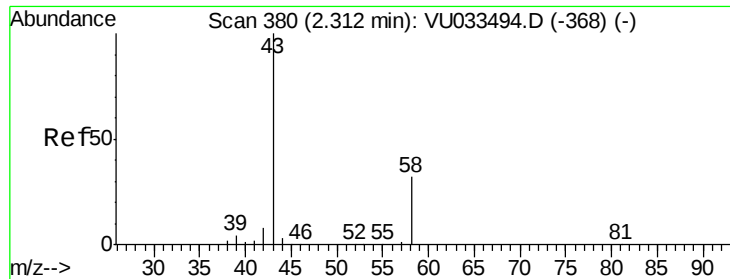


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.613 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU033509.D

Acq: 30 Jul 2019 22:38

Instrument :

MSVOA_U

ClientSampled :

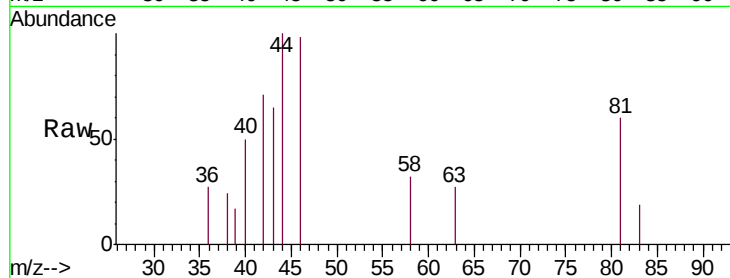
DB9D7

Tgt Ion: 43 Resp: 913

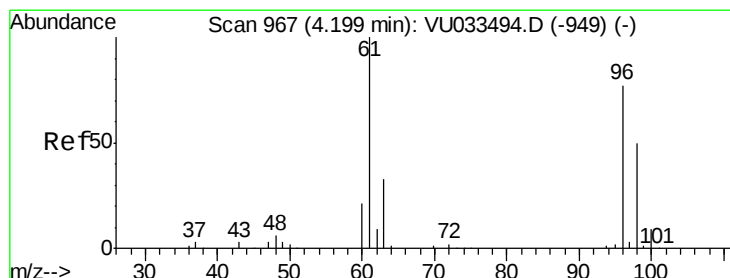
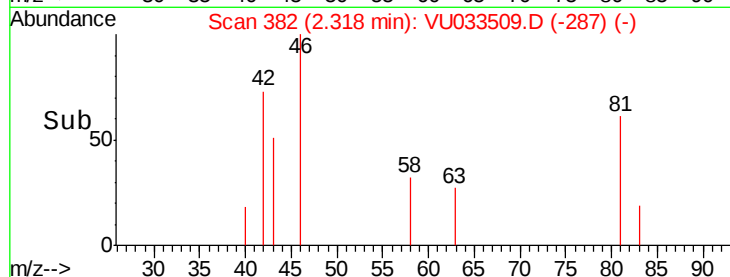
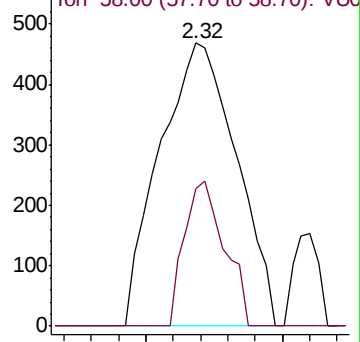
Ion Ratio Lower Upper

43 100

58 26.7 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033509.D (-287) (-)



#20

cis-1,2-Dichloroethene

Concen: 13.186 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU033509.D

Acq: 30 Jul 2019 22:38

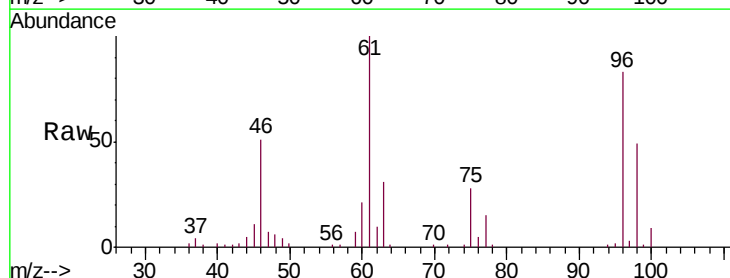
Tgt Ion: 96 Resp: 30374

Ion Ratio Lower Upper

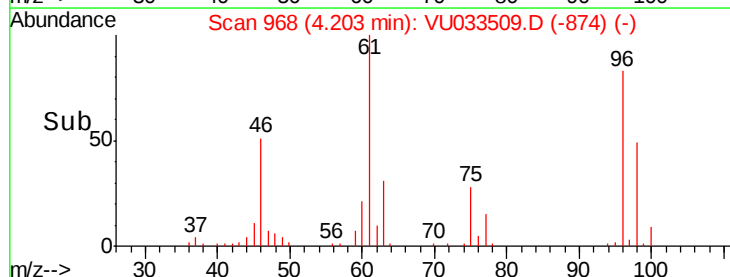
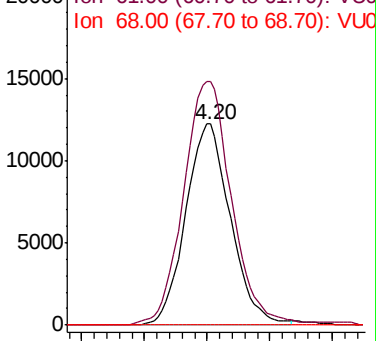
96 100

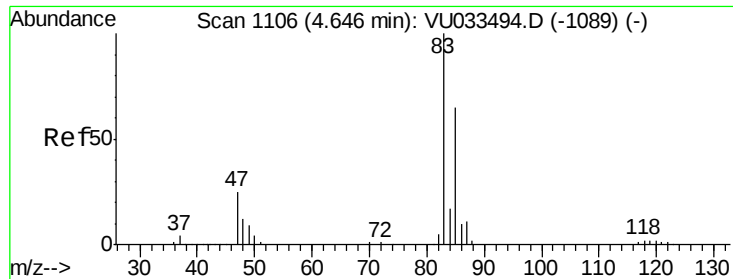
61 120.8 91.3 169.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033509.D (-874) (-)

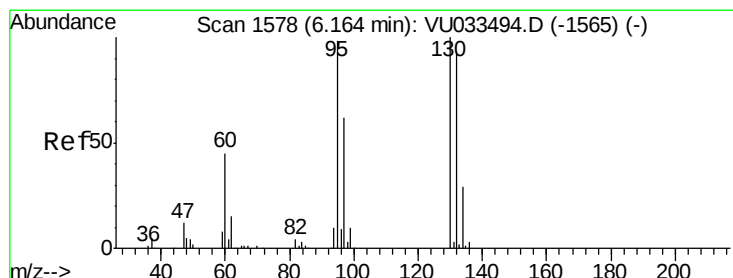
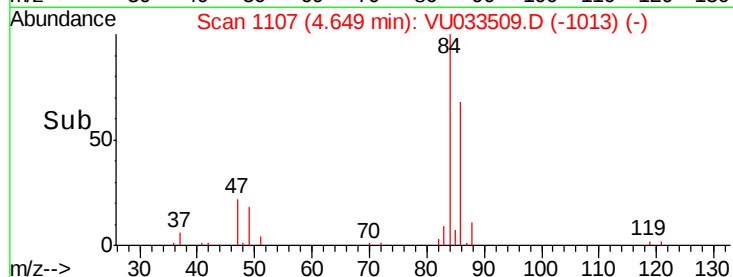
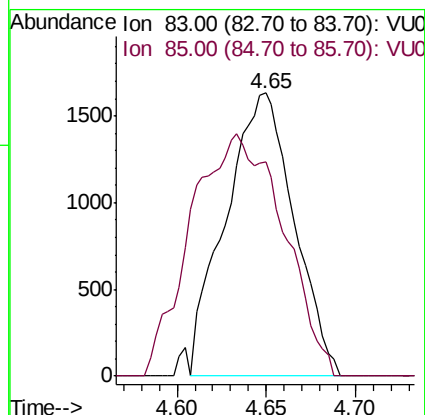
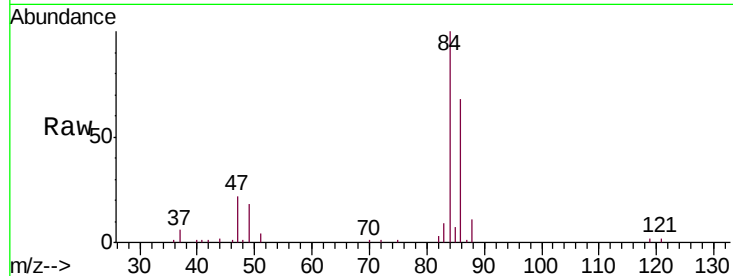




#25
Chloroform
Concen: 1.078 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033509.D
Acq: 30 Jul 2019 22:38

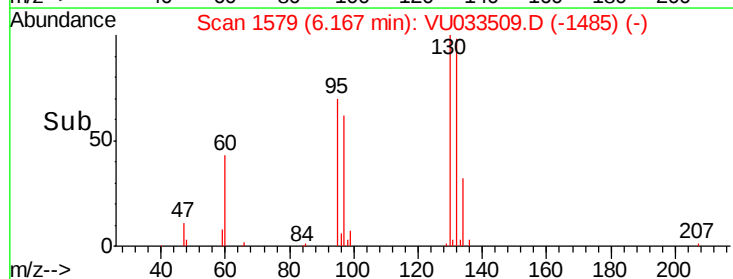
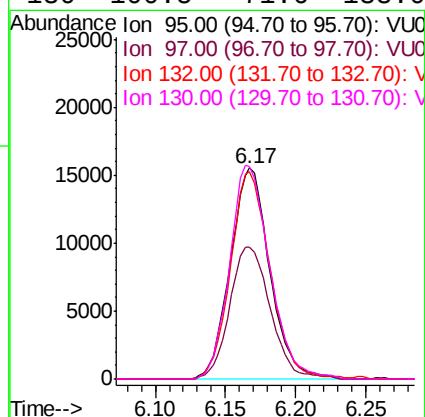
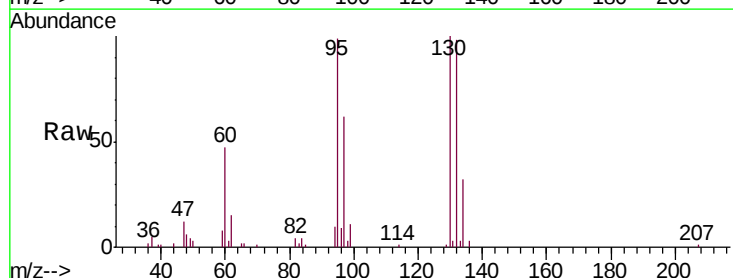
Instrument :
MSVOA_U
ClientSampled :
DB9D7

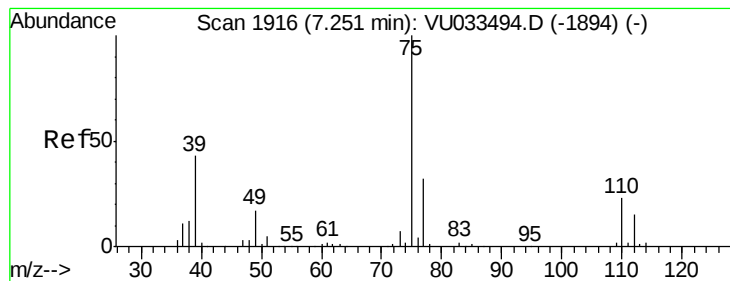
Tgt Ion: 83 Resp: 4369
Ion Ratio Lower Upper
83 100
85 75.7 45.6 84.8



#34
Trichloroethene
Concen: 13.327 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033509.D
Acq: 30 Jul 2019 22:38

Tgt Ion: 95 Resp: 30514
Ion Ratio Lower Upper
95 100
97 62.7 44.7 83.1
132 98.4 66.8 124.0
130 100.5 71.6 133.0



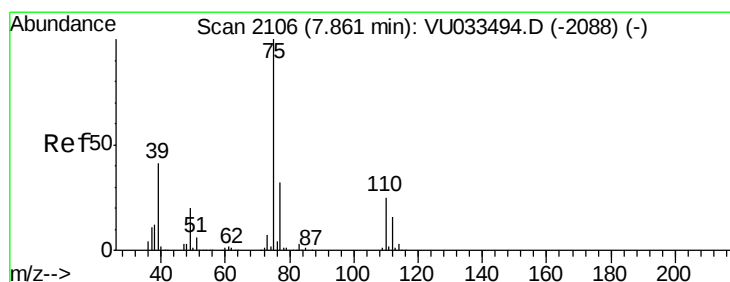
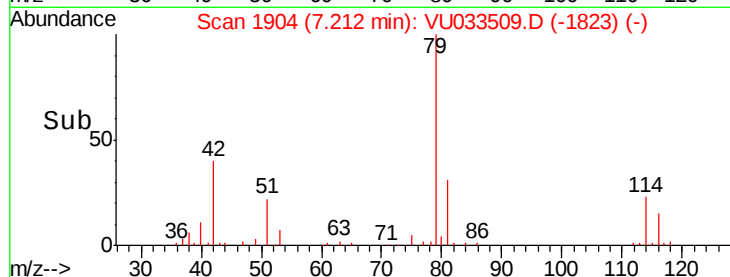
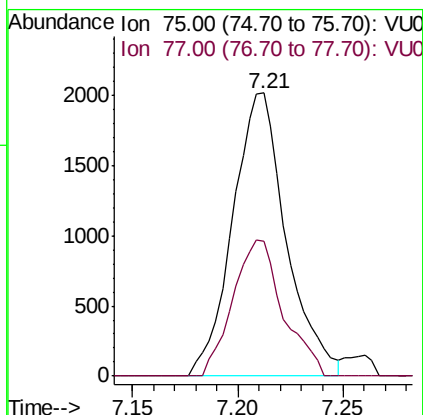
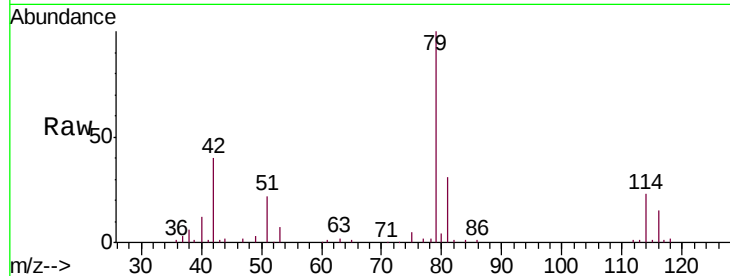


#39

cis-1,3-Dichloropropene
Concen: 0.983 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU033509.D
Acq: 30 Jul 2019 22:38

Instrument :
MSVOA_U
ClientSampleId :
DB9D7

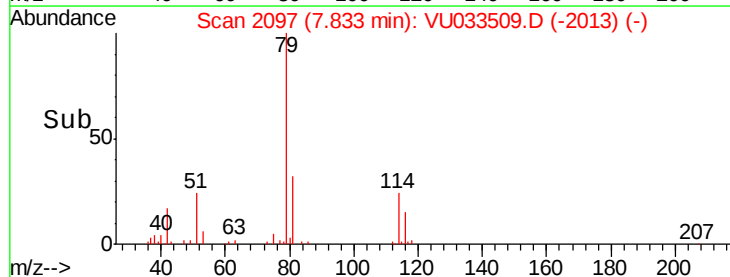
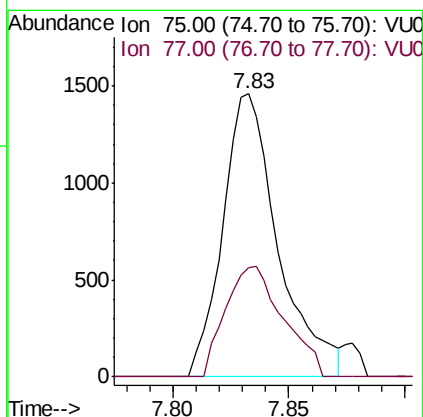
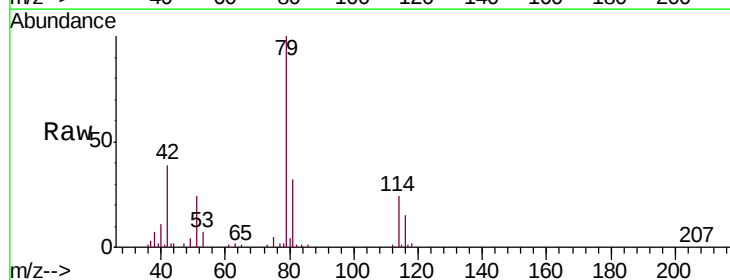
Tgt Ion: 75 Resp: 3563
Ion Ratio Lower Upper
75 100
77 47.6 22.3 41.5#

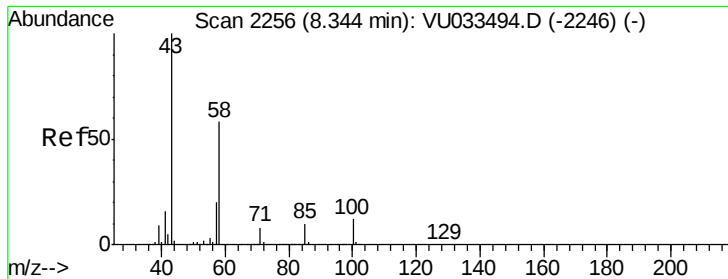


#44

trans-1,3-Dichloropropene
Concen: 0.739 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033509.D
Acq: 30 Jul 2019 22:38

Tgt Ion: 75 Resp: 2422
Ion Ratio Lower Upper
75 100
77 38.8 22.7 42.1

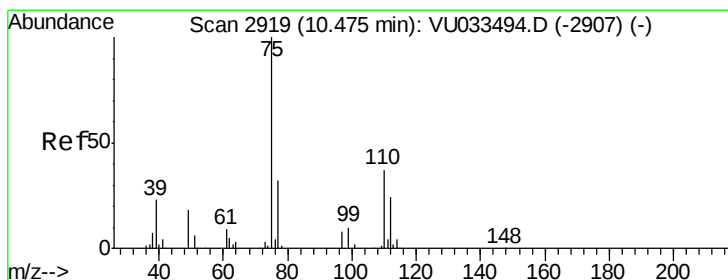
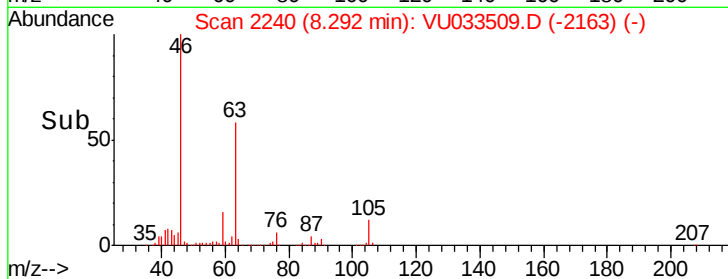
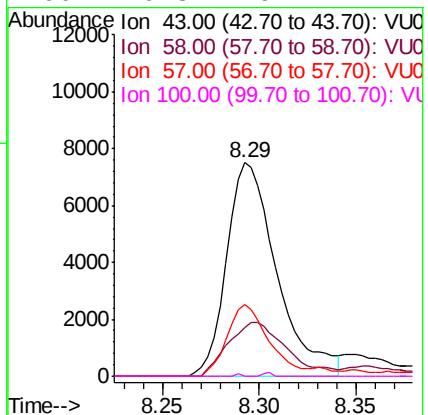
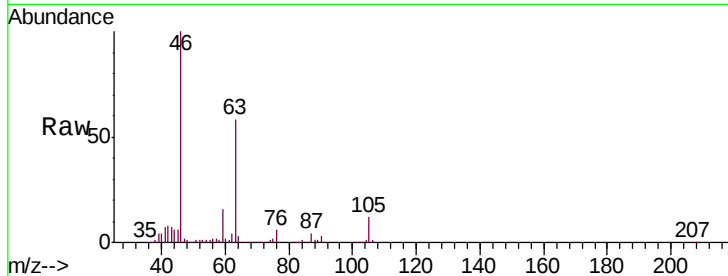




#48
 2-Hexanone
 Concen: 5.225 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033509.D
 Acq: 30 Jul 2019 22:38

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9D7

Tgt Ion: 43 Resp: 13549
 Ion Ratio Lower Upper
 43 100
 58 27.9 45.8 68.6#
 57 27.9 15.8 23.6#
 100 0.3 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.197 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033509.D
 Acq: 30 Jul 2019 22:38

Tgt Ion: 75 Resp: 15937
 Ion Ratio Lower Upper
 75 100
 77 41.8 25.8 38.6#

