

Data File : VU033315.D
Acq On : 18 Jul 2019 13:37
Operator : JC/SP
Sample : K3863-04ME
Misc : 5.34g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52G0ME

Quant Time: Jul 19 01:47:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	340796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	342024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	171312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79942	30.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.98%
7) Chloroethane-d5	1.63	69	62649	28.43	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.86%#
11) 1,1-Dichloroethene-d2	2.22	63	139541	29.82	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.64%#
21) 2-Butanone-d5	4.16	46	119873	73.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.33%
24) Chloroform-d	4.62	84	143053	33.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.18%#
26) 1,2-Dichloroethane-d4	5.28	65	95672	34.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.00%#
32) Benzene-d6	5.31	84	299462	35.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.38%
36) 1,2-Dichloropropane-d6	6.31	67	94252	35.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.14%
41) Toluene-d8	7.55	98	266668	33.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	7.83	79	46130	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
47) 2-Hexanone-d5	8.31	63	89203	73.62	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.62%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	146226	35.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	111103	36.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.74%#

Target Compounds

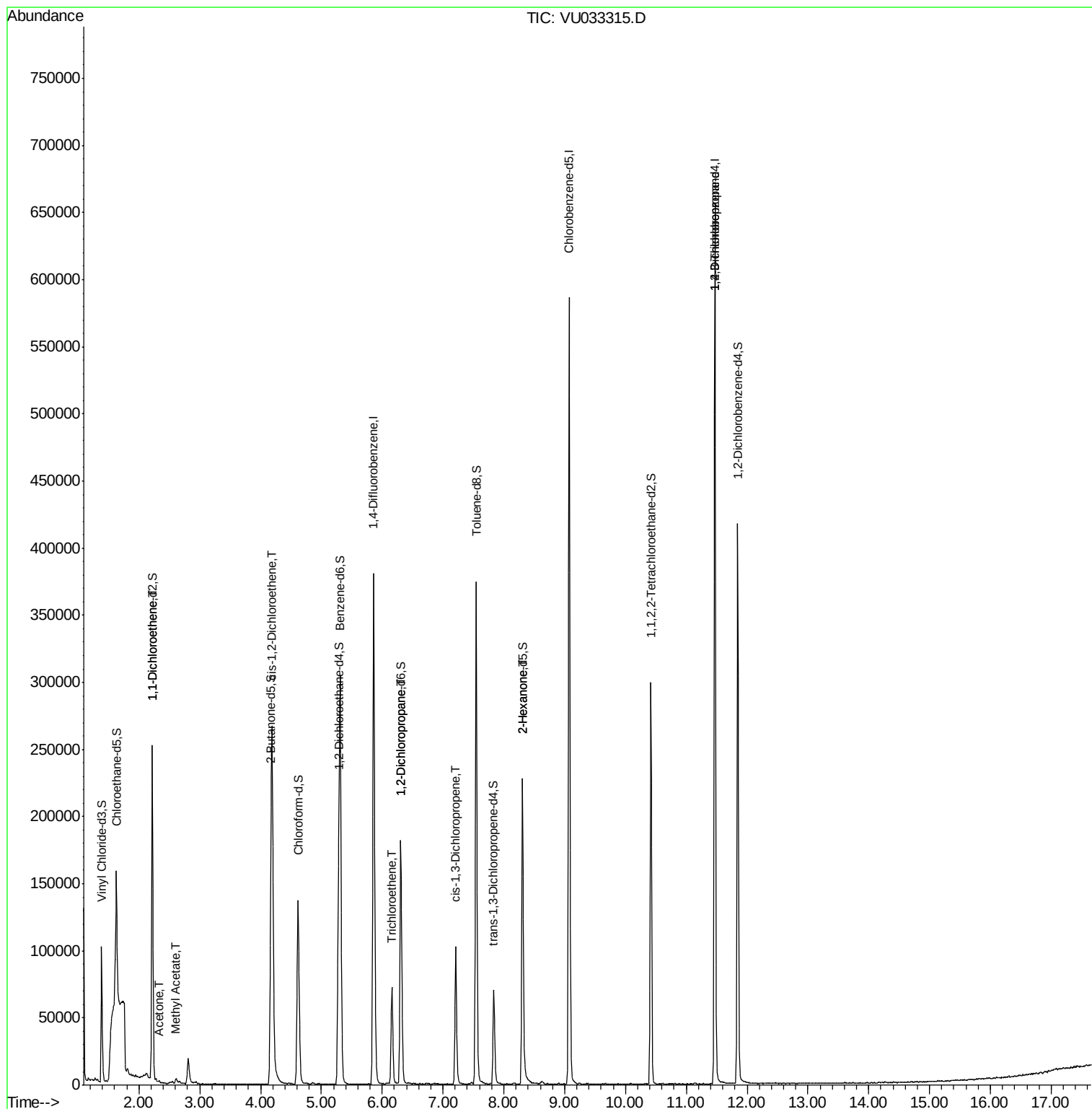
					Qvalue
12) 1,1-Dichloroethene	2.23	96	1682	0.739 ug/L #	1
13) Acetone	2.33	43	1518	0.743 ug/L	68
15) Methyl Acetate	2.61	43	5224	1.959 ug/L	98
20) cis-1,2-Dichloroethene	4.19	96	135667	51.161 ug/L	97
34) Trichloroethene	6.16	95	25542	9.792 ug/L	99
37) 1,2-Dichloropropane	6.31	63	10287	3.803 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	2801	0.675 ug/L #	59
48) 2-Hexanone	8.31	43	10828	3.663 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	20284	5.760 ug/L	92

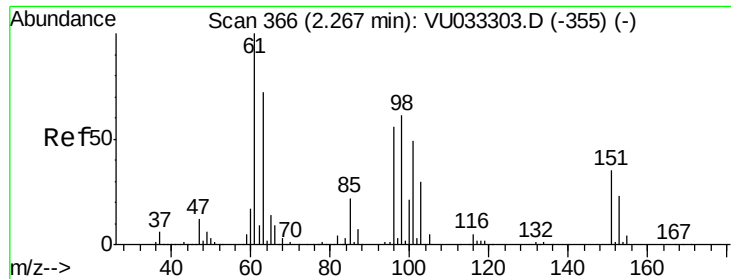
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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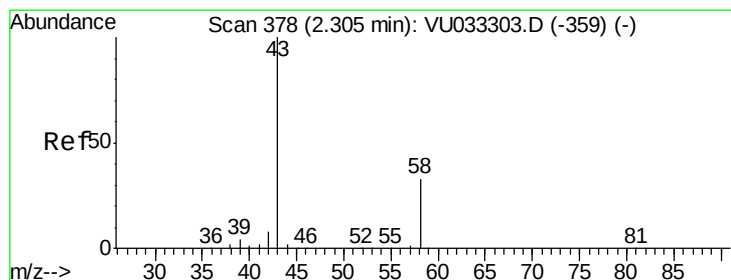
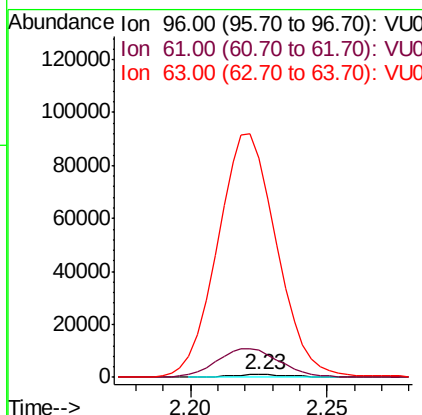
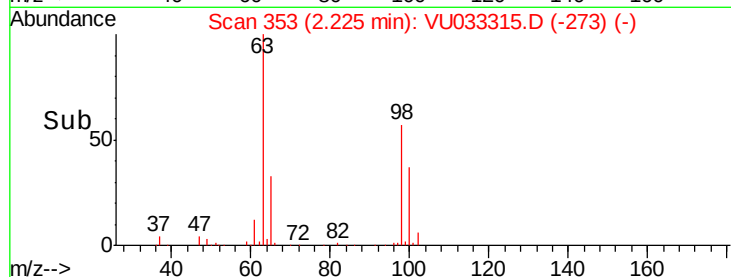
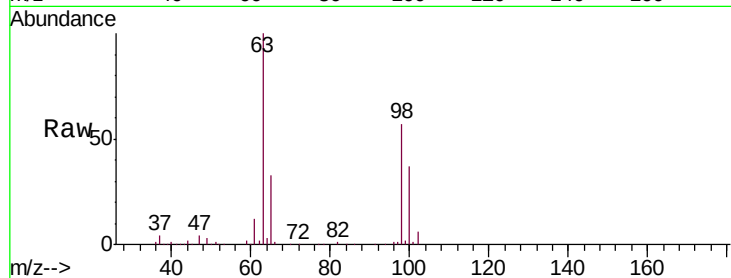




#12
 1,1-Dichloroethene
 Concen: 0.739 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VU033315.D
 Acq: 18 Jul 2019 13:37

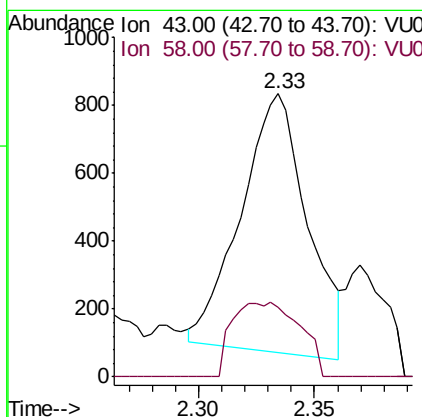
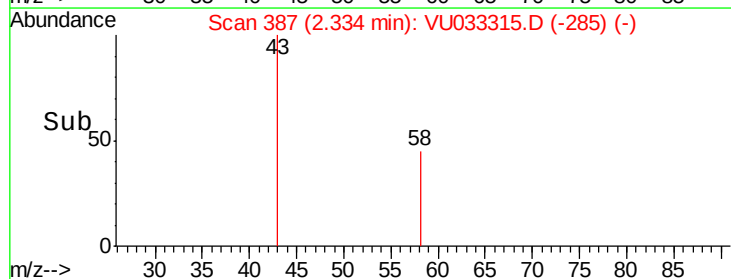
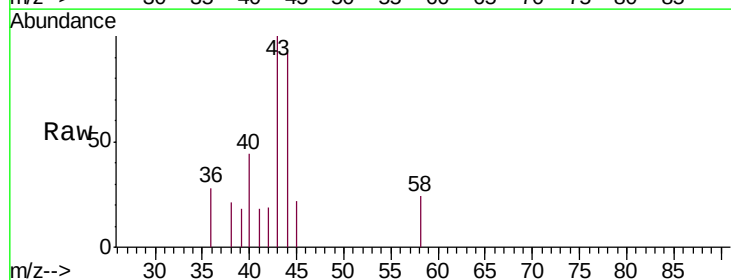
Instrument :
 MSVOA_U
 ClientSampleId :
 A52G0ME

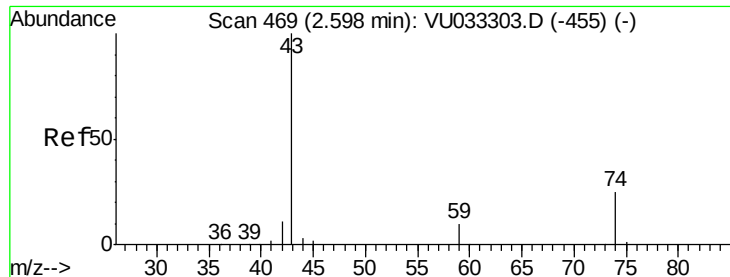
Tgt Ion: 96 Resp: 1682
 Ion Ratio Lower Upper
 96 100
 61 981.0 126.1 234.1#
 63 8024.0 96.8 179.8#



#13
 Acetone
 Concen: 0.743 ug/L
 RT: 2.33 min Scan# 387
 Delta R.T. 0.03 min
 Lab File: VU033315.D
 Acq: 18 Jul 2019 13:37

Tgt Ion: 43 Resp: 1518
 Ion Ratio Lower Upper
 43 100
 58 14.6 0.0 65.4

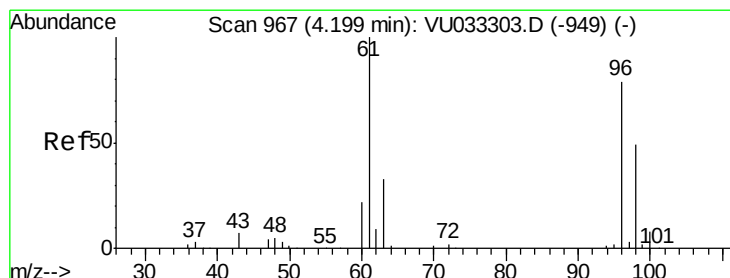
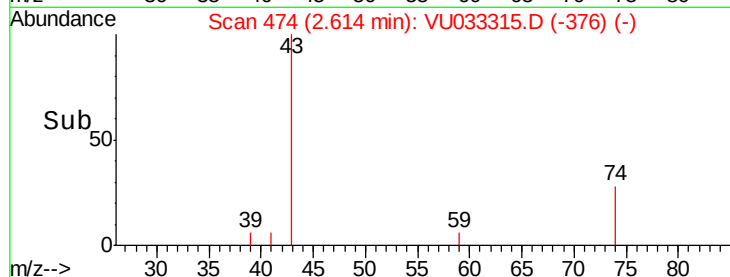
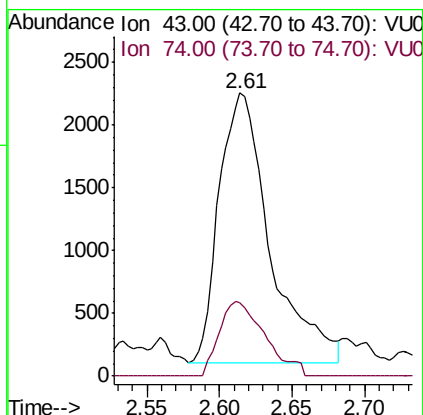
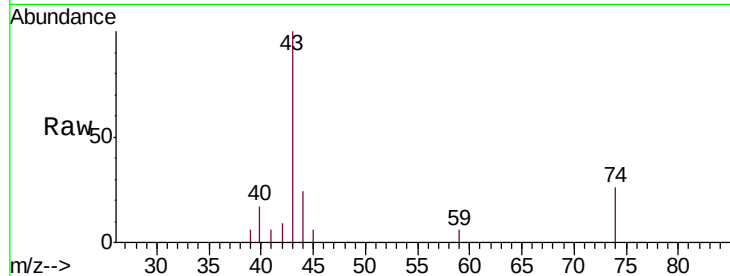




#15
Methyl Acetate
Concen: 1.959 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.02 min
Lab File: VU033315.D
Acq: 18 Jul 2019 13:37

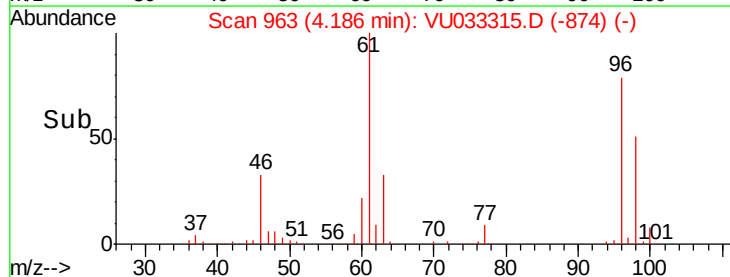
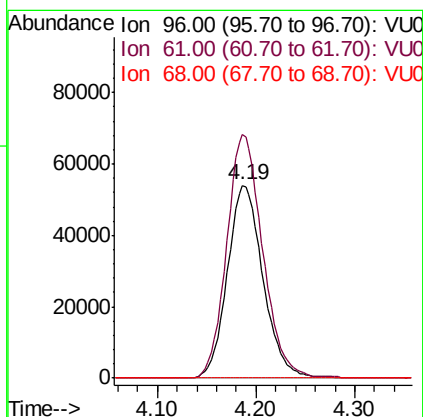
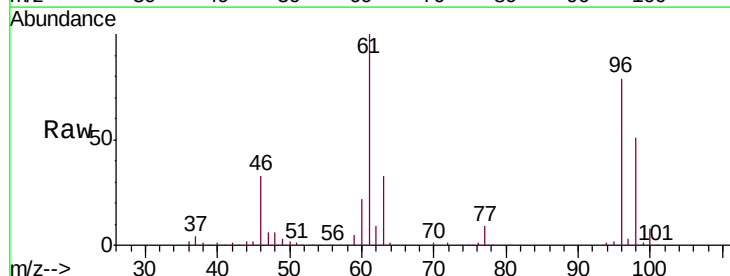
Instrument :
MSVOA_U
ClientSampleId :
A52G0ME

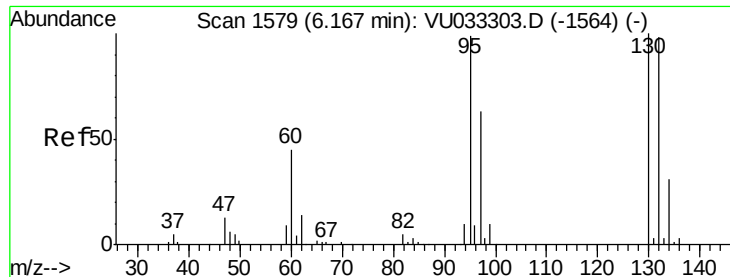
Tgt Ion: 43 Resp: 5224
Ion Ratio Lower Upper
43 100
74 23.7 19.9 29.9



#20
cis-1,2-Dichloroethene
Concen: 51.161 ug/L
RT: 4.19 min Scan# 963
Delta R.T. -0.01 min
Lab File: VU033315.D
Acq: 18 Jul 2019 13:37

Tgt Ion: 96 Resp: 135667
Ion Ratio Lower Upper
96 100
61 126.3 91.1 169.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.792 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.01 min

Lab File: VU033315.D

Acq: 18 Jul 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

A52G0ME

Tgt Ion: 95 Resp: 25542

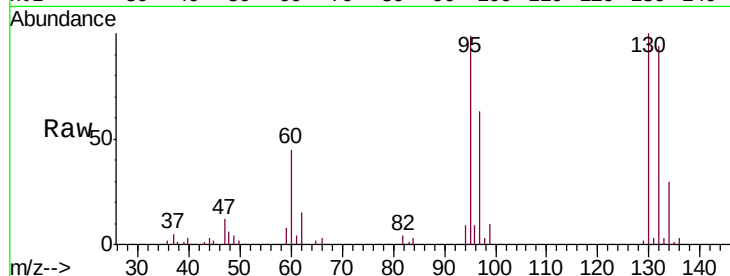
Ion Ratio Lower Upper

95 100

97 63.9 43.8 81.4

132 94.7 65.5 121.6

130 100.7 69.7 129.5

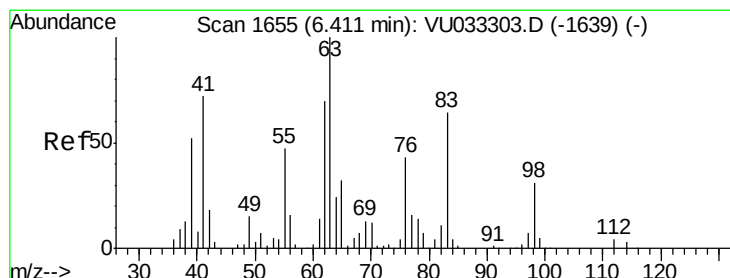
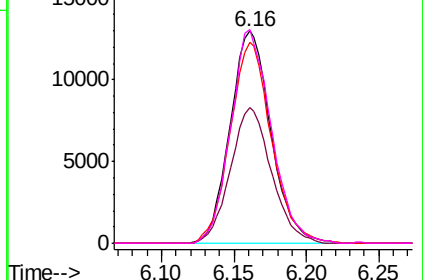
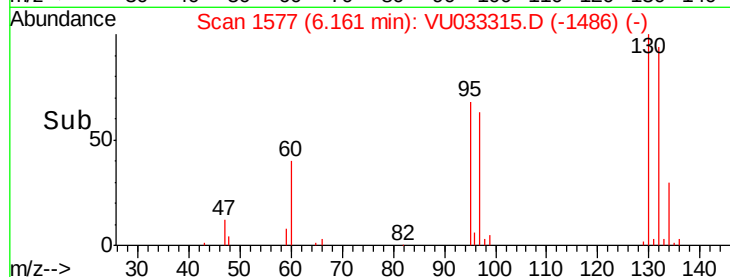


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.803 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.11 min

Lab File: VU033315.D

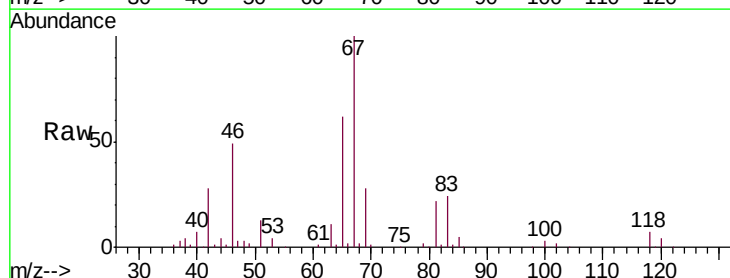
Acq: 18 Jul 2019 13:37

Tgt Ion: 63 Resp: 10287

Ion Ratio Lower Upper

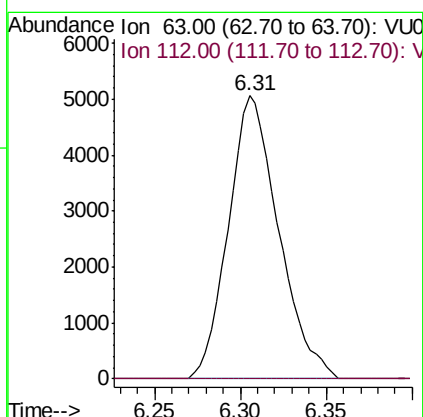
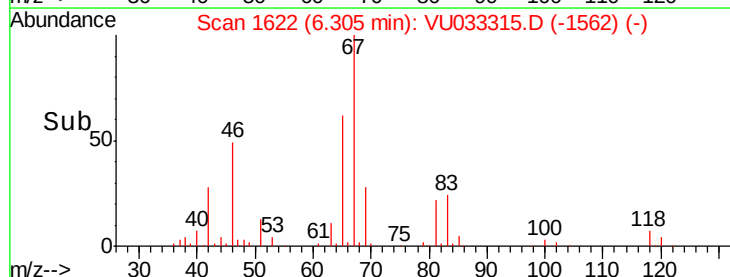
63 100

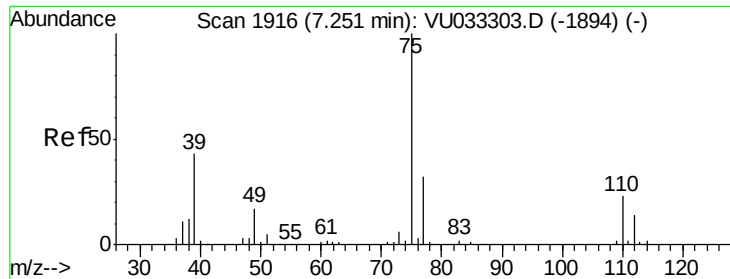
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

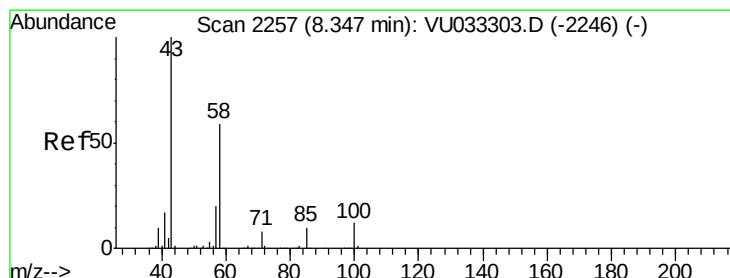
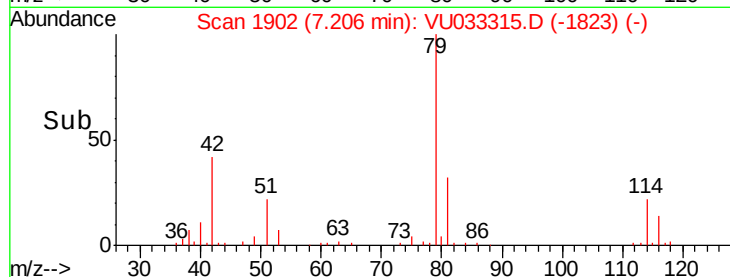
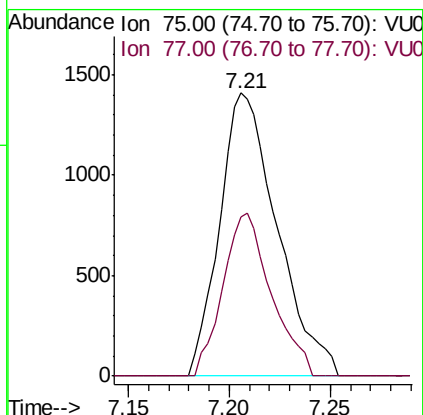
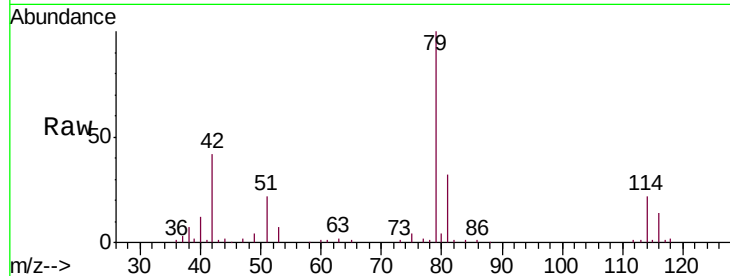




#39
 cis-1,3-Dichloropropene
 Concen: 0.675 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033315.D
 Acq: 18 Jul 2019 13:37

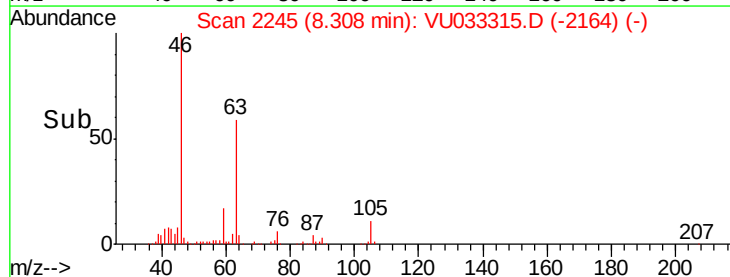
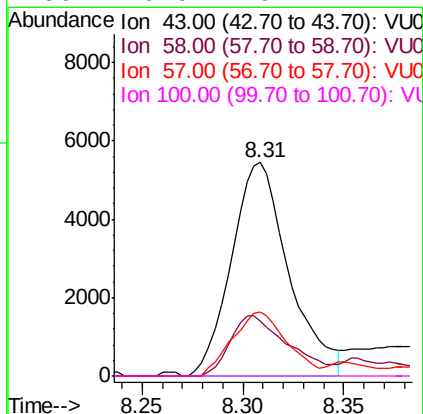
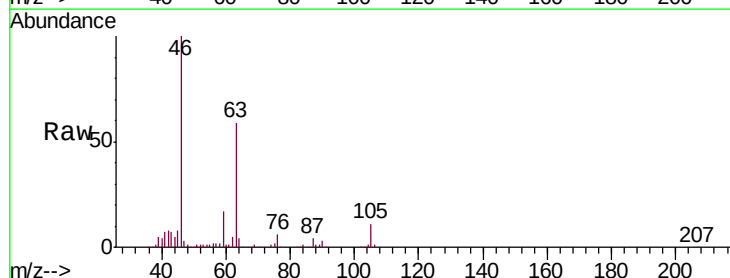
Instrument :
 MSVOA_U
 ClientSampleId :
 A52G0ME

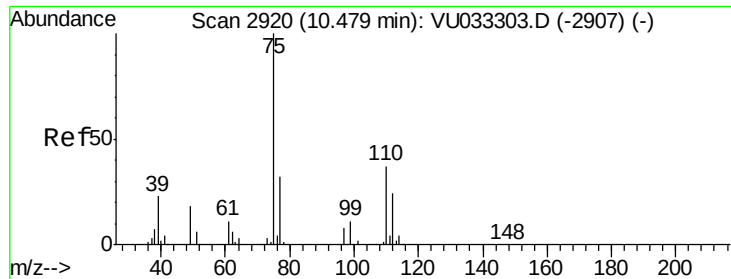
Tgt Ion: 75 Resp: 2801
 Ion Ratio Lower Upper
 75 100
 77 56.4 23.1 42.9#



#48
 2-Hexanone
 Concen: 3.663 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.04 min
 Lab File: VU033315.D
 Acq: 18 Jul 2019 13:37

Tgt Ion: 43 Resp: 10828
 Ion Ratio Lower Upper
 43 100
 58 28.6 46.1 69.1#
 57 28.4 15.8 23.8#
 100 0.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.760 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 0.99 min

Lab File: VU033315.D

Acq: 18 Jul 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

A52G0ME

Tgt Ion: 75 Resp: 20284

Ion Ratio Lower Upper

75 100

77 37.0 26.0 39.0

