

Data File : VU033313.D
Acq On : 18 Jul 2019 12:51
Operator : JC/SP
Sample : K3863-05ME
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52G1ME

Quant Time: Jul 19 01:47:29 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	348785	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	343143	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	177520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42307	16.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	32.04%#
7) Chloroethane-d5	1.63	69	45140	20.01	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.02%#
11) 1,1-Dichloroethene-d2	2.32	63	44	0.01	ug/L	0.07
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.16	46	179750	107.45	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.45%
24) Chloroform-d	4.62	84	157003	35.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.96%
26) 1,2-Dichloroethane-d4	5.28	65	103840	36.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.18%
32) Benzene-d6	5.31	84	246394	29.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	58.54%#
36) 1,2-Dichloropropane-d6	6.31	67	100701	37.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.68%
41) Toluene-d8	7.55	98	202995	25.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	51.14%#
43) trans-1,3-Dichloropropene-	7.83	79	51070	38.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.24%
47) 2-Hexanone-d5	8.31	63	140355	115.46	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.46%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	214002	52.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	145012	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%

Target Compounds

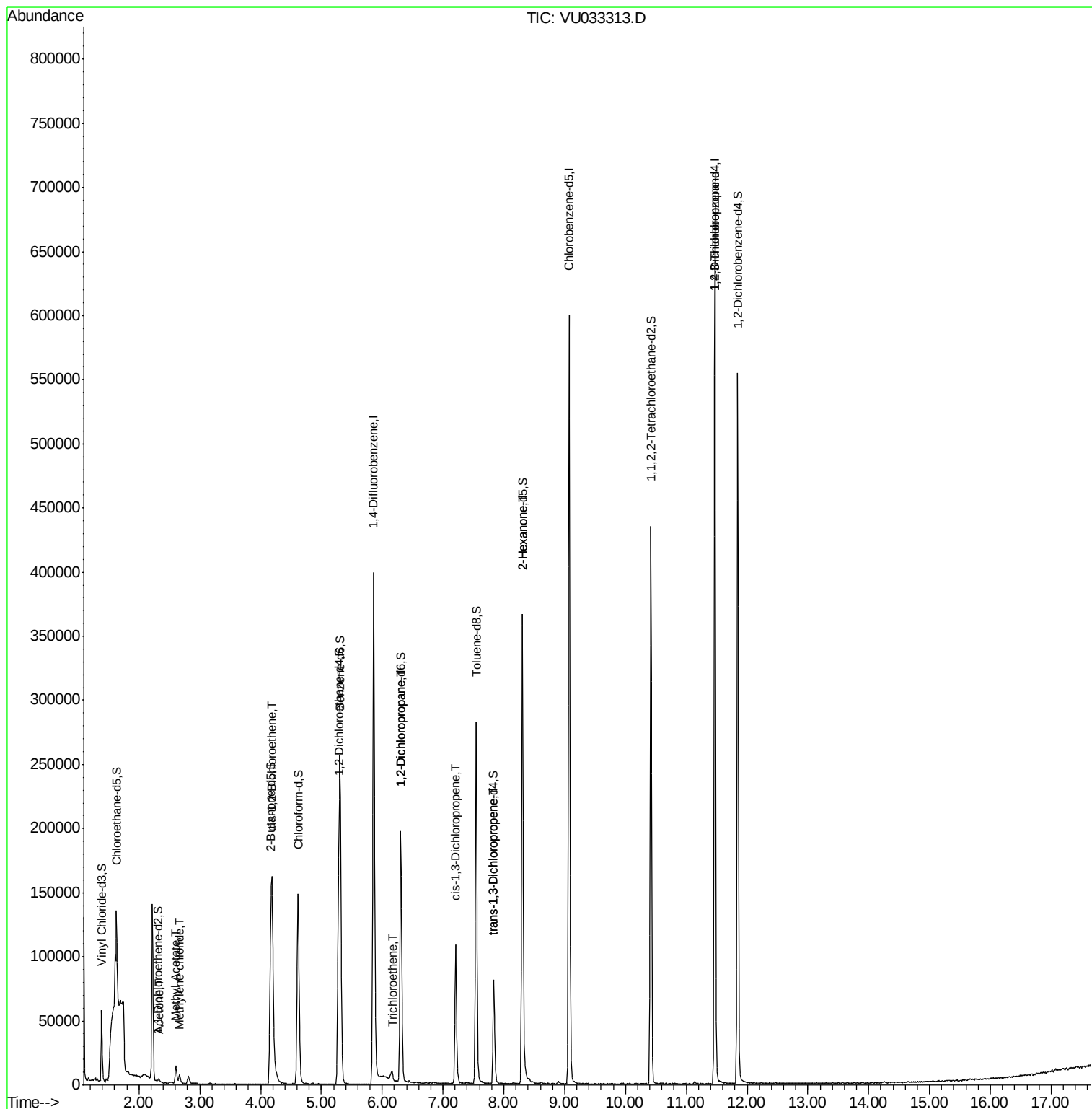
					Qvalue
13) Acetone	2.33	43	2626	1.256 ug/L	78
15) Methyl Acetate	2.61	43	18365	6.728 ug/L	97
16) Methylene chloride	2.67	84	3180	1.196 ug/L	88
20) cis-1,2-Dichloroethene	4.19	96	62744	23.119 ug/L	100
34) Trichloroethene	6.16	95	2323	0.888 ug/L	98
37) 1,2-Dichloropropane	6.31	63	10427	3.842 ug/L #	90
39) cis-1,3-Dichloropropene	7.21	75	3326	0.799 ug/L #	79
44) trans-1,3-Dichloropropene	7.84	75	2357	0.628 ug/L	99
48) 2-Hexanone	8.31	43	16201	5.462 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	19805	5.606 ug/L #	83

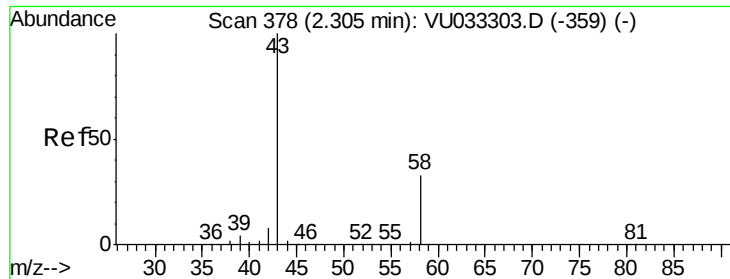
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.256 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.03 min

Lab File: VU033313.D

Acq: 18 Jul 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

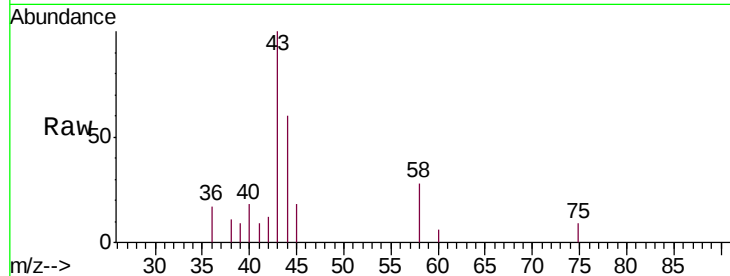
A52G1ME

Tgt Ion: 43 Resp: 2626

Ion Ratio Lower Upper

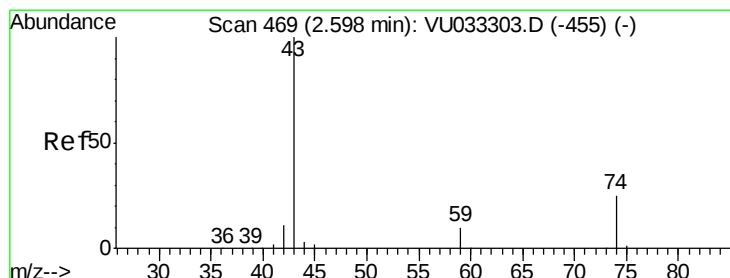
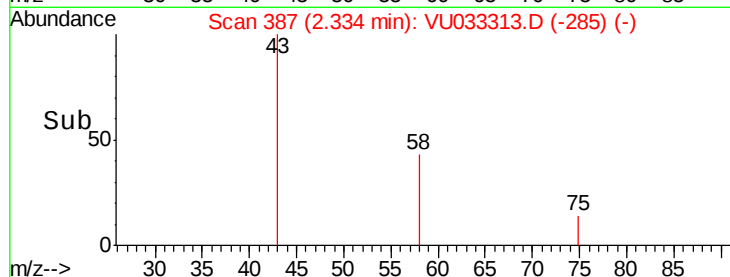
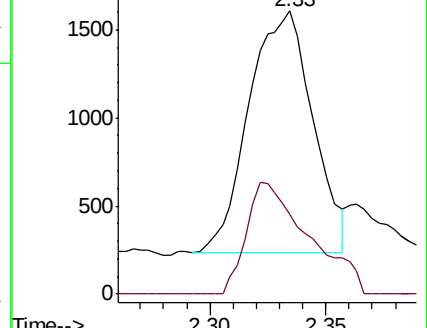
43 100

58 45.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033313.D (-387) (-)

Ion 58.00 (57.70 to 58.70): VU033313.D (-387) (-)



#15

Methyl Acetate

Concen: 6.728 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU033313.D

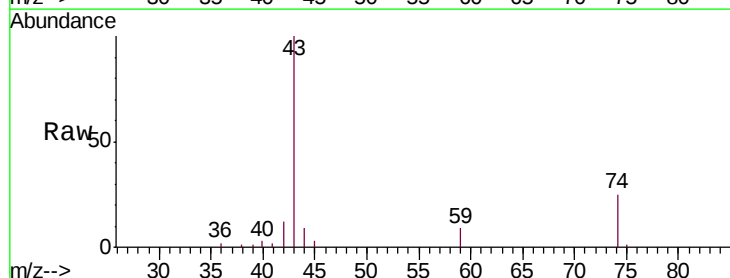
Acq: 18 Jul 2019 12:51

Tgt Ion: 43 Resp: 18365

Ion Ratio Lower Upper

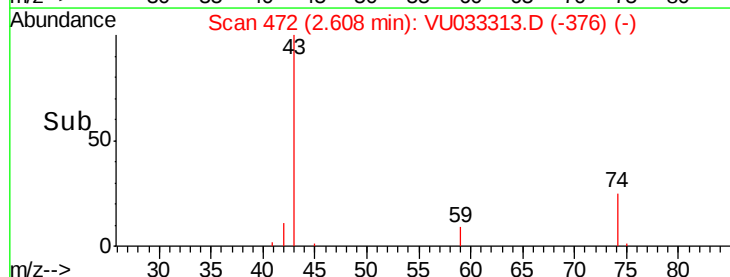
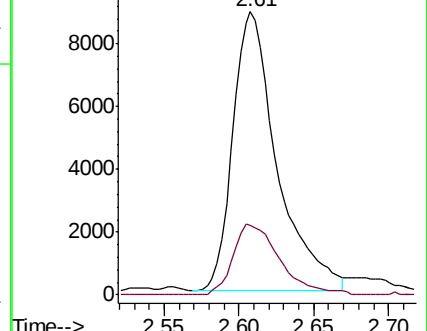
43 100

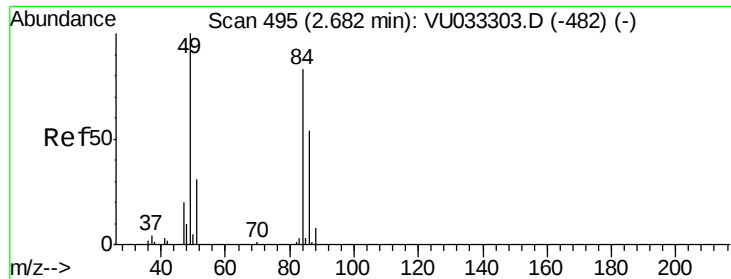
74 26.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VU033313.D (-472) (-)

Ion 74.00 (73.70 to 74.70): VU033313.D (-472) (-)

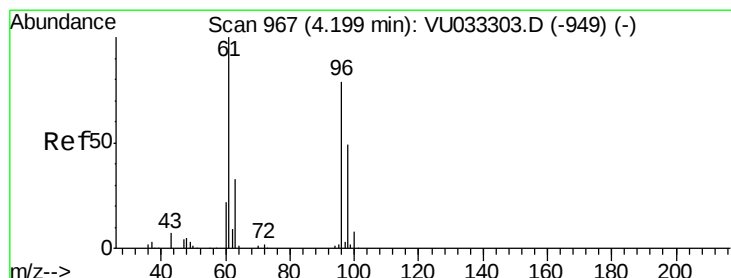
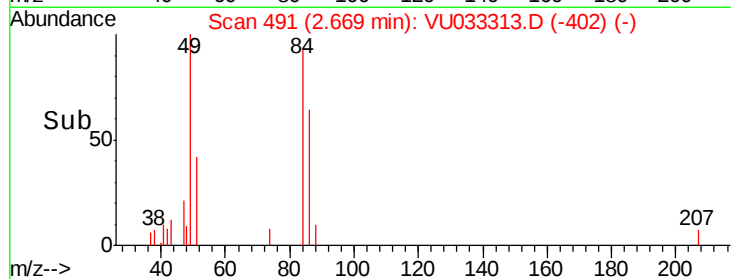
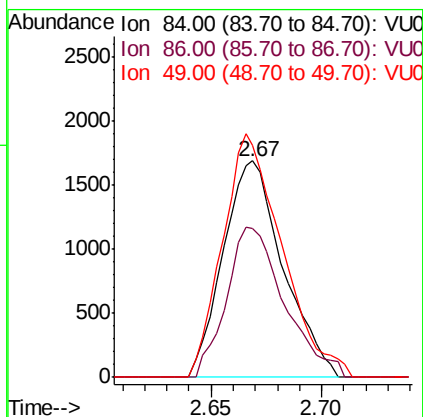
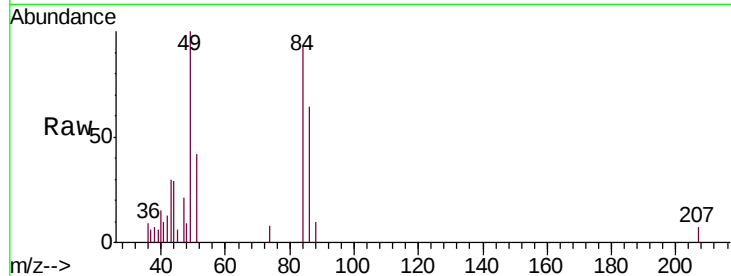




#16
Methylene chloride
Concen: 1.196 ug/L
RT: 2.67 min Scan# 491
Delta R.T. -0.01 min
Lab File: VU033313.D
Acq: 18 Jul 2019 12:51

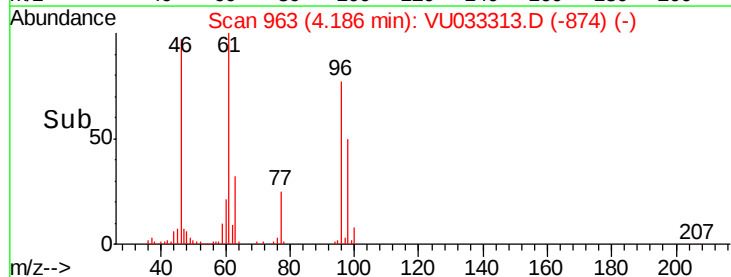
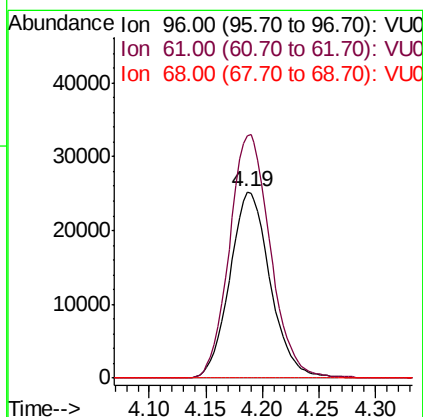
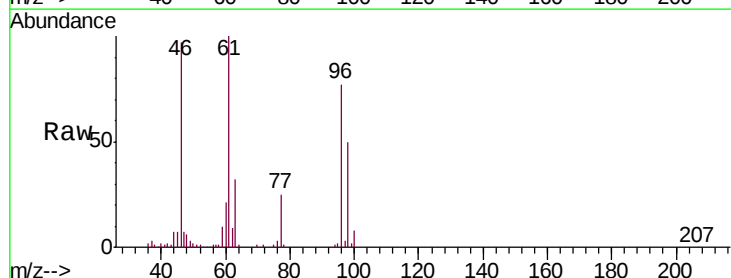
Instrument :
MSVOA_U
ClientSampleId :
A52G1ME

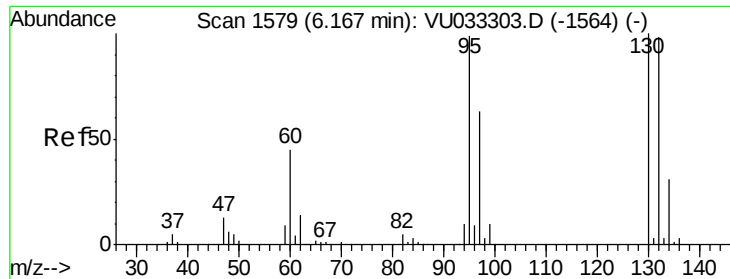
Tgt Ion: 84 Resp: 3180
Ion Ratio Lower Upper
84 100
86 69.1 45.7 84.9
49 107.4 87.7 162.9



#20
cis-1,2-Dichloroethene
Concen: 23.119 ug/L
RT: 4.19 min Scan# 963
Delta R.T. -0.01 min
Lab File: VU033313.D
Acq: 18 Jul 2019 12:51

Tgt Ion: 96 Resp: 62744
Ion Ratio Lower Upper
96 100
61 130.5 91.1 169.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.888 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033313.D

Acq: 18 Jul 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

A52G1ME

Tgt Ion: 95 Resp: 2323

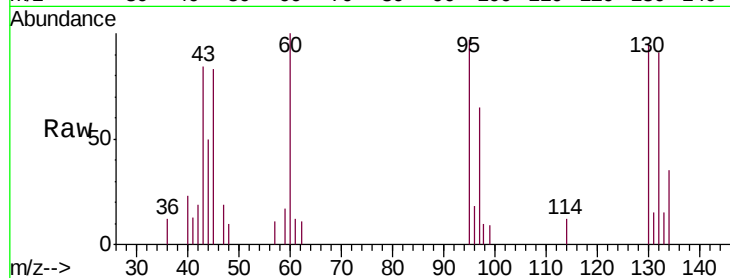
Ion Ratio Lower Upper

95 100

97 66.5 43.8 81.4

132 93.5 65.5 121.6

130 97.4 69.7 129.5

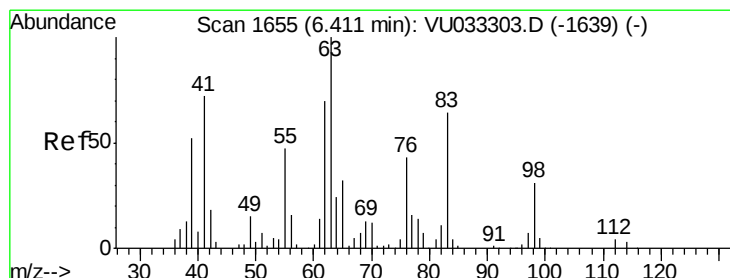
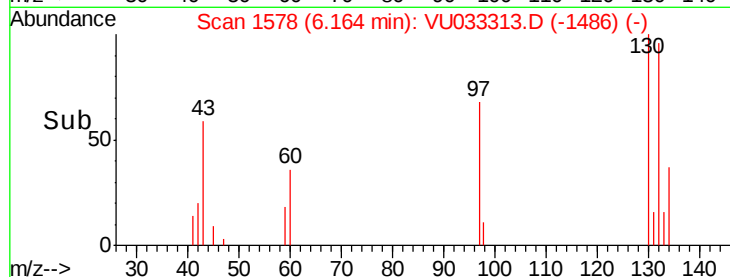
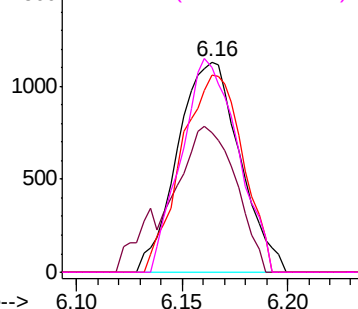


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.842 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033313.D

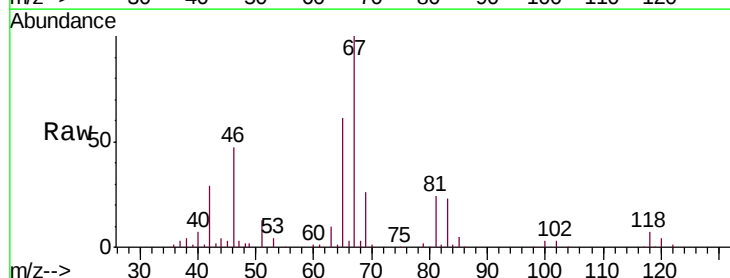
Acq: 18 Jul 2019 12:51

Tgt Ion: 63 Resp: 10427

Ion Ratio Lower Upper

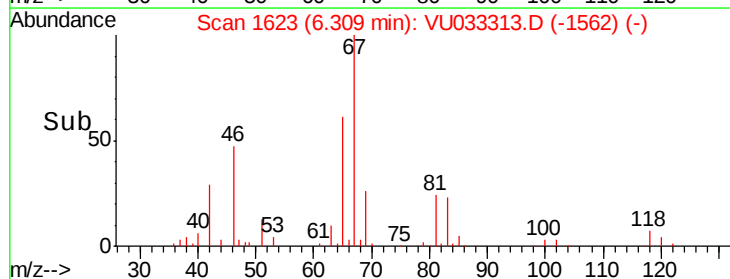
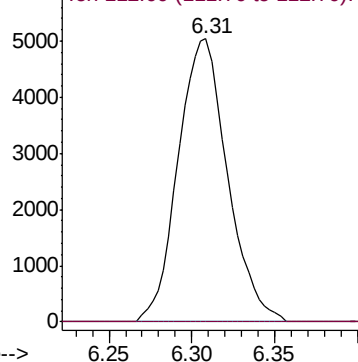
63 100

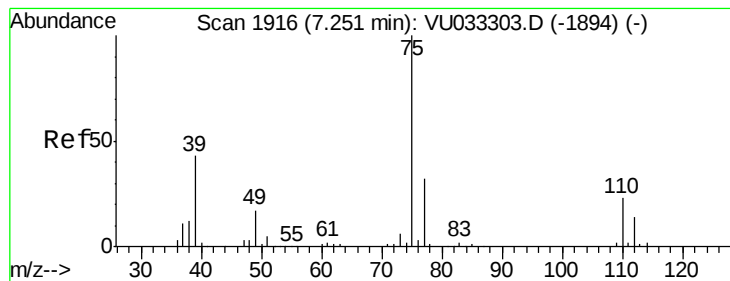
112 0.7 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



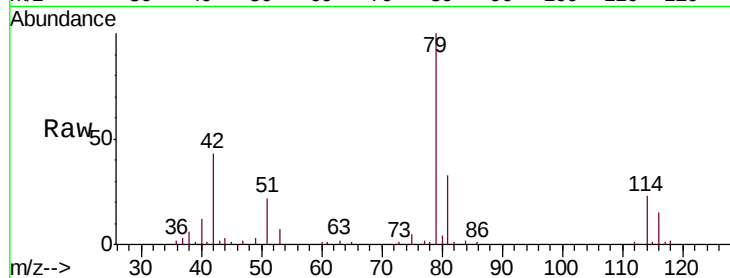


#39

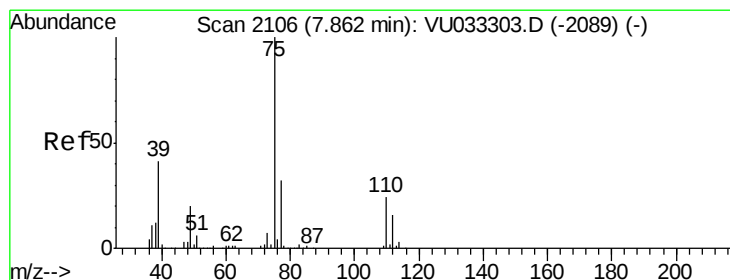
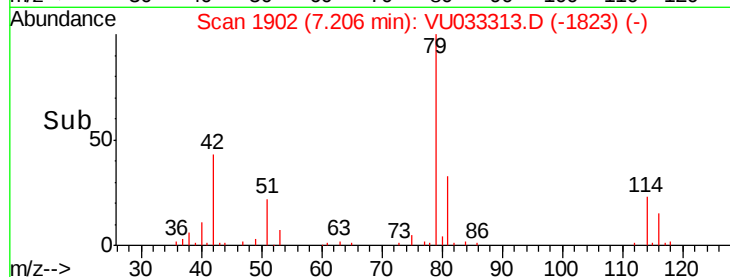
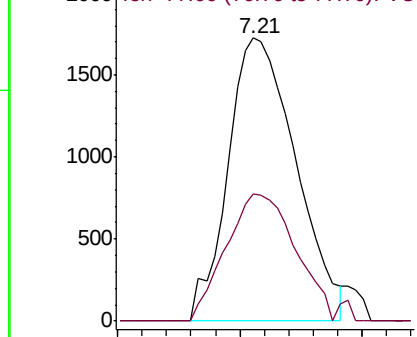
cis-1,3-Dichloropropene
 Concen: 0.799 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033313.D
 Acq: 18 Jul 2019 12:51

Instrument :
 MSVOA_U
 ClientSampleId :
 A52G1ME

Tgt Ion: 75 Resp: 3326
 Ion Ratio Lower Upper
 75 100
 77 44.8 23.1 42.9#



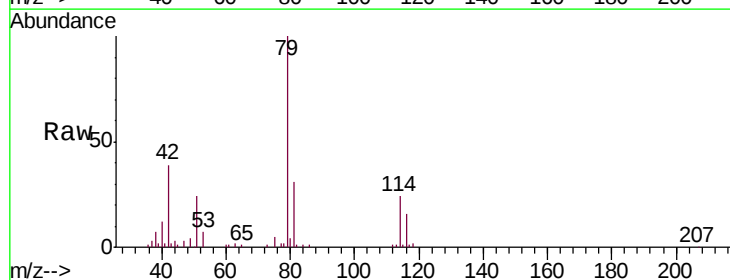
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0



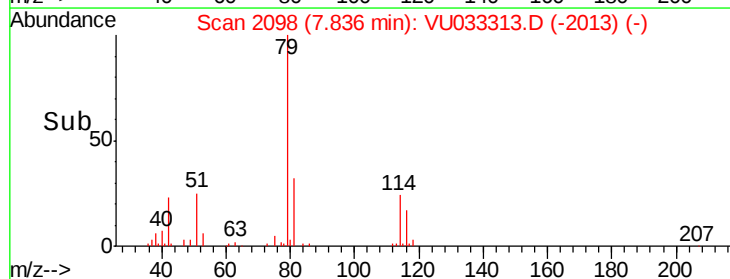
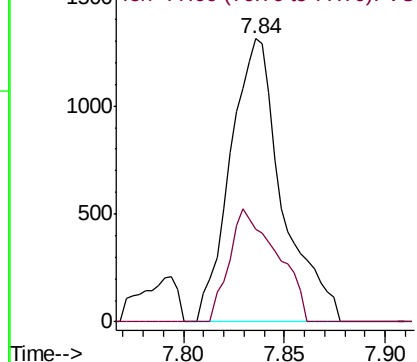
#44

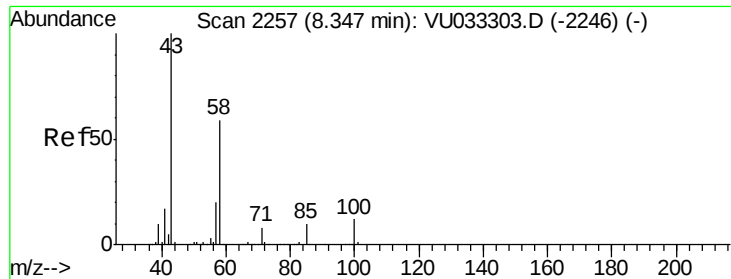
trans-1,3-Dichloropropene
 Concen: 0.628 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: VU033313.D
 Acq: 18 Jul 2019 12:51

Tgt Ion: 75 Resp: 2357
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

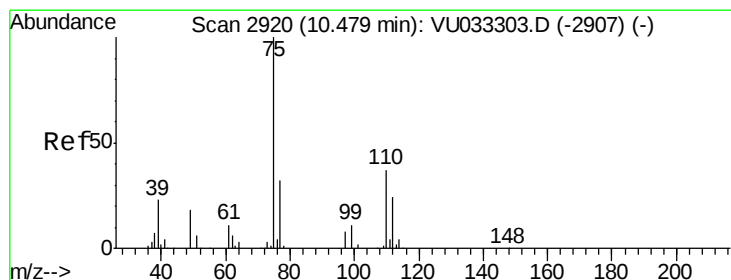
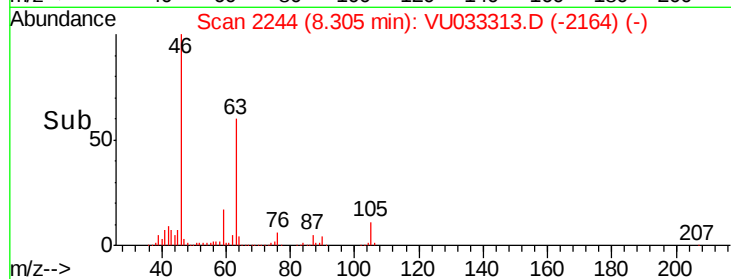
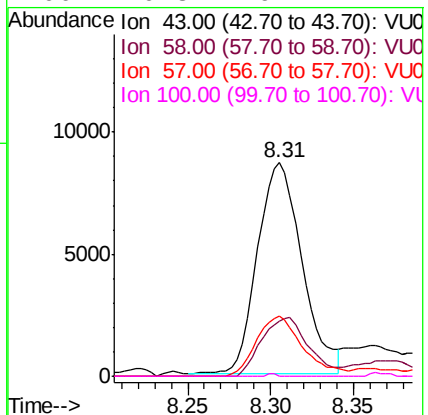
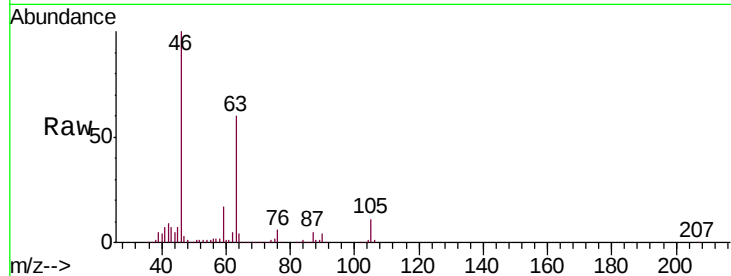




#48
 2-Hexanone
 Concen: 5.462 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.04 min
 Lab File: VU033313.D
 Acq: 18 Jul 2019 12:51

Instrument :
 MSVOA_U
 ClientSampleId :
 A52G1ME

Tgt Ion: 43 Resp: 16201
 Ion Ratio Lower Upper
 43 100
 58 29.1 46.1 69.1#
 57 29.6 15.8 23.8#
 100 0.3 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.606 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033313.D
 Acq: 18 Jul 2019 12:51

Tgt Ion: 75 Resp: 19805
 Ion Ratio Lower Upper
 75 100
 77 42.1 26.0 39.0#

