

Data File : VU033314.D
Acq On : 18 Jul 2019 13:14
Operator : JC/SP
Sample : K3863-09ME
Misc : 4.23g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52J0ME

Quant Time: Jul 19 01:47:37 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	328552	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	321875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43280	17.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.80%#
7) Chloroethane-d5	1.63	69	44036	20.73	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.46%#
11) 1,1-Dichloroethene-d2	2.22	63	76380	16.93	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.86%#
21) 2-Butanone-d5	4.16	46	174618	110.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.81%
24) Chloroform-d	4.61	84	157571	37.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.28	65	106243	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.48%
32) Benzene-d6	5.31	84	246372	31.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.40%#
36) 1,2-Dichloropropane-d6	6.31	67	101250	40.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.06%
41) Toluene-d8	7.55	98	202074	27.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.28%#
43) trans-1,3-Dichloropropene-	7.83	79	50703	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.31	63	141454	124.05	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.05%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	214242	55.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	147826	49.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.66%

Target Compounds

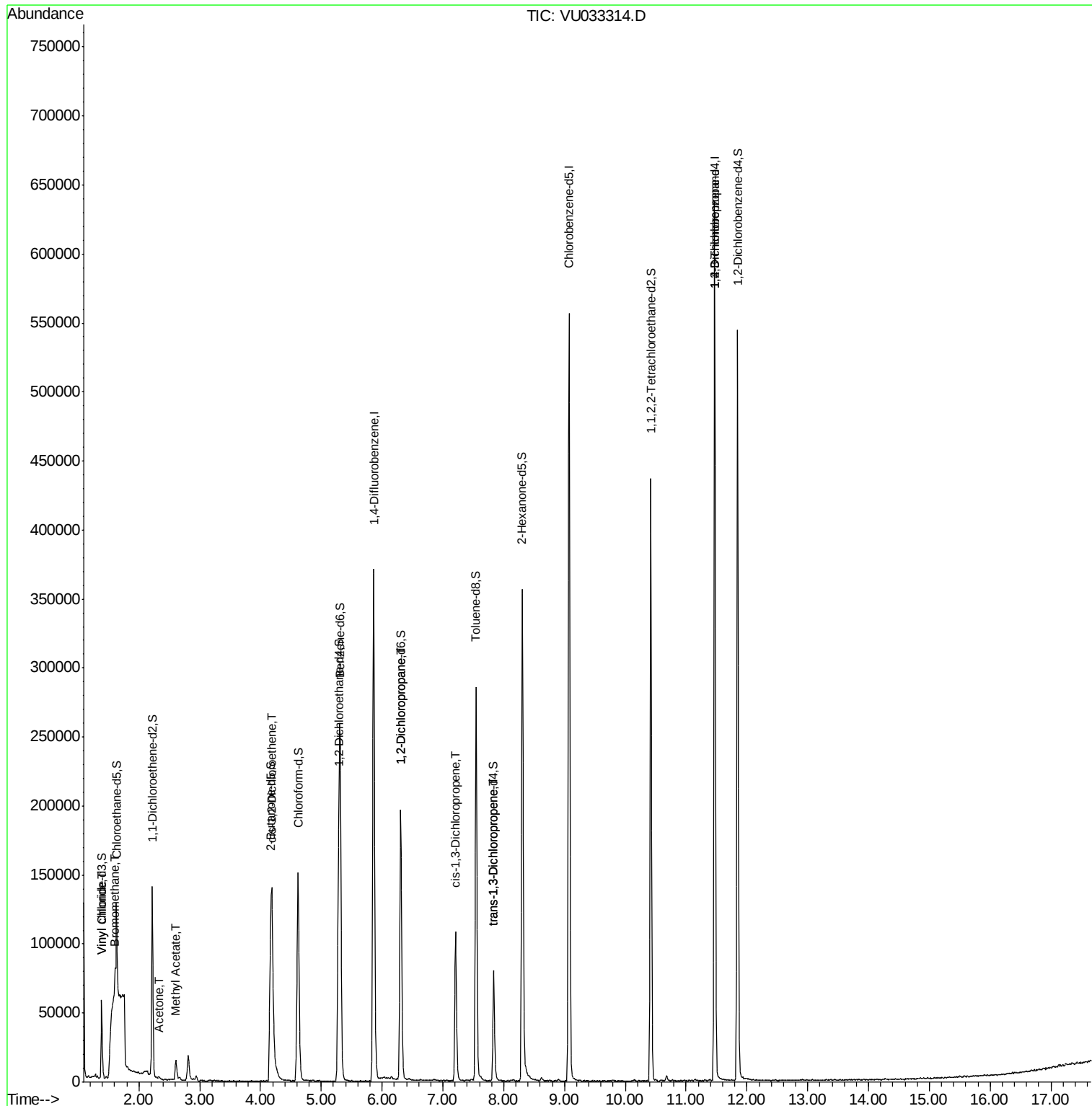
					Qvalue
5) Vinyl chloride	1.39	62	3247	0.876 ug/L	83
6) Bromomethane	1.59	94	1486	0.643 ug/L	85
13) Acetone	2.33	43	2423	1.231 ug/L	74
15) Methyl Acetate	2.61	43	17697	6.883 ug/L	90
20) cis-1,2-Dichloroethene	4.19	96	49022	19.175 ug/L	100
37) 1,2-Dichloropropane	6.30	63	10534	4.138 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	2960	0.758 ug/L #	62
44) trans-1,3-Dichloropropene	7.83	75	2251	0.639 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	18915	5.708 ug/L #	83

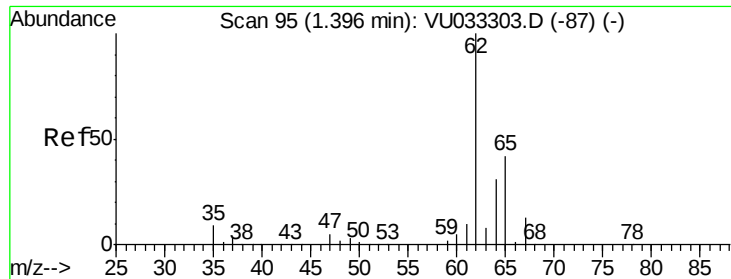
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.876 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

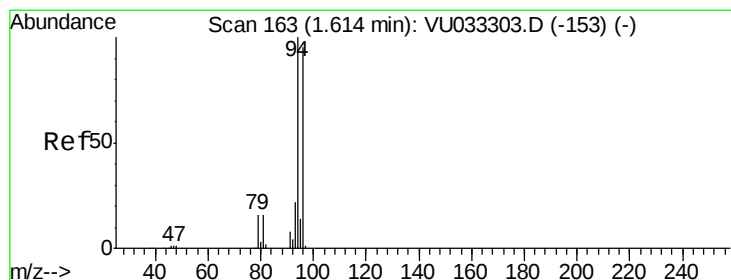
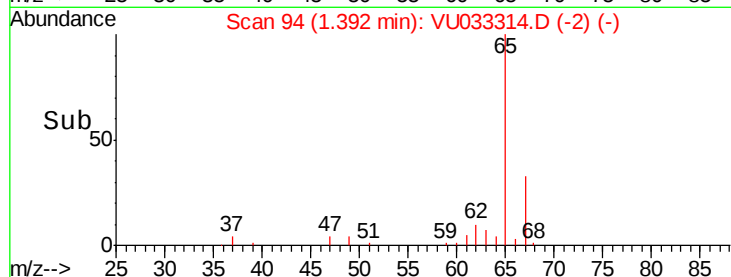
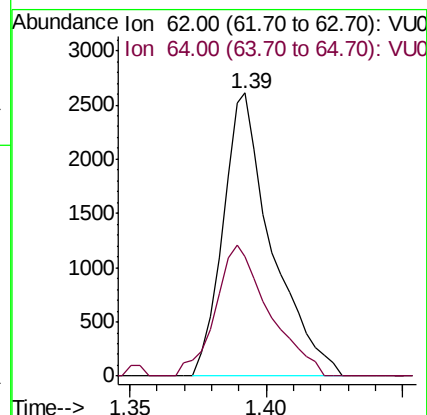
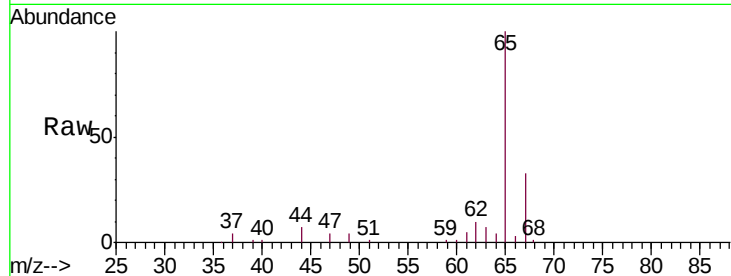
A52J0ME

Tgt Ion: 62 Resp: 3247

Ion Ratio Lower Upper

62 100

64 42.2 22.7 42.3



#6

Bromomethane

Concen: 0.643 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.03 min

Lab File: VU033314.D

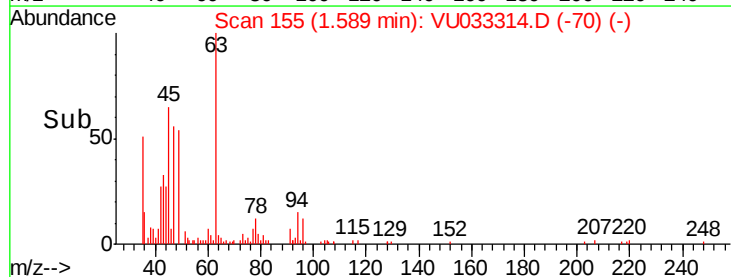
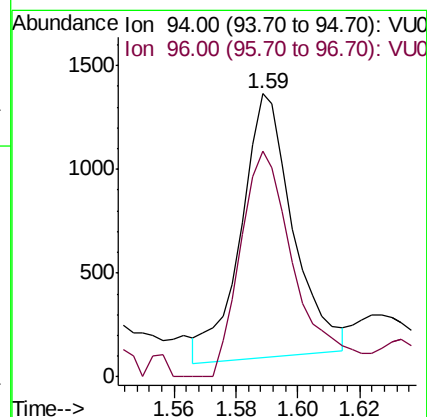
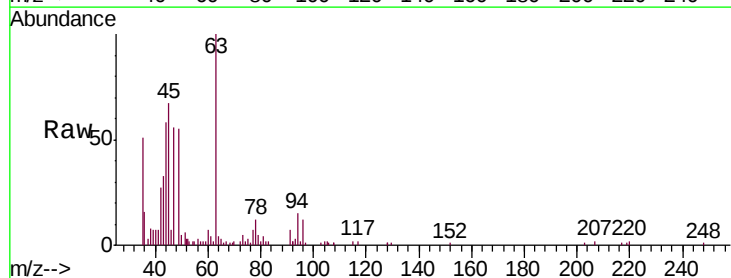
Acq: 18 Jul 2019 13:14

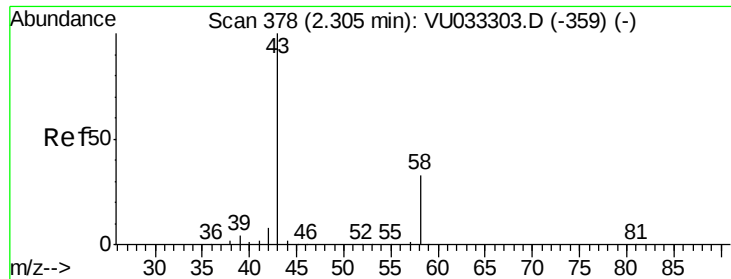
Tgt Ion: 94 Resp: 1486

Ion Ratio Lower Upper

94 100

96 79.6 66.1 122.7





#13

Acetone

Concen: 1.231 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VU033314.D

Acq: 18 Jul 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

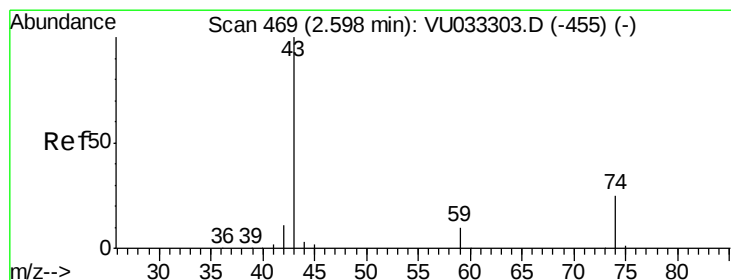
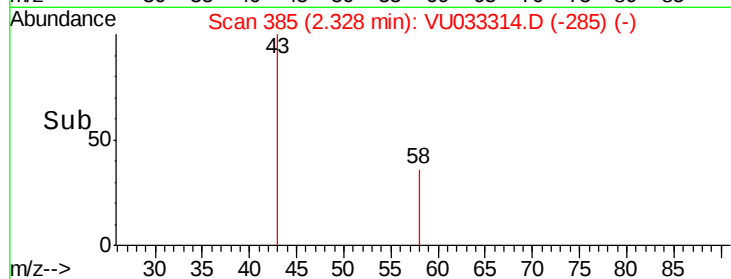
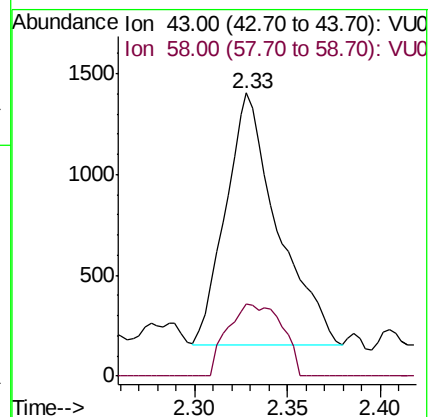
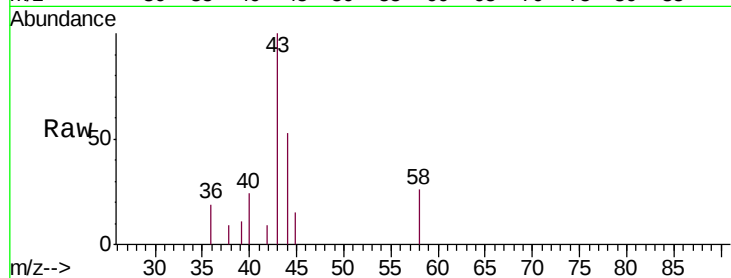
A52J0ME

Tgt Ion: 43 Resp: 2423

Ion Ratio Lower Upper

43 100

58 17.8 0.0 65.4



#15

Methyl Acetate

Concen: 6.883 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU033314.D

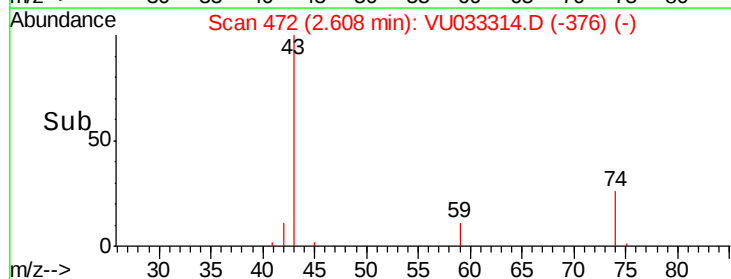
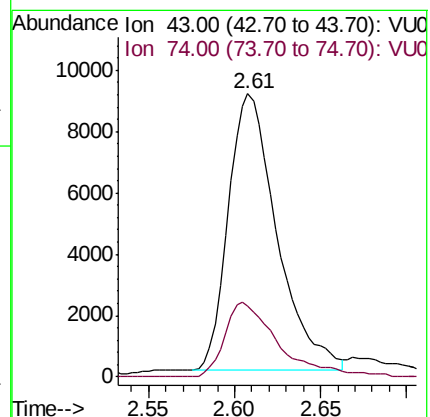
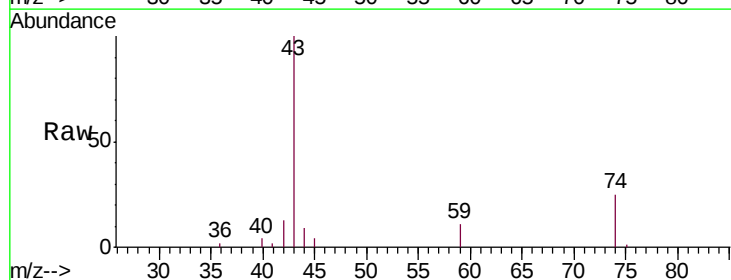
Acq: 18 Jul 2019 13:14

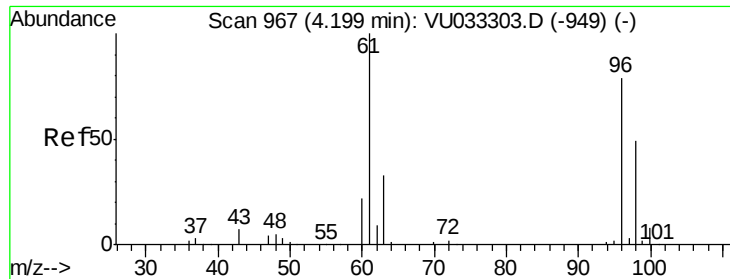
Tgt Ion: 43 Resp: 17697

Ion Ratio Lower Upper

43 100

74 29.7 19.9 29.9

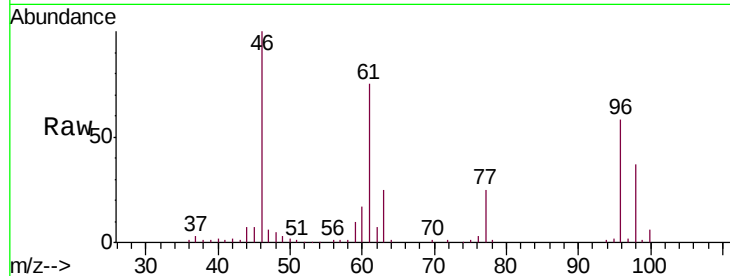




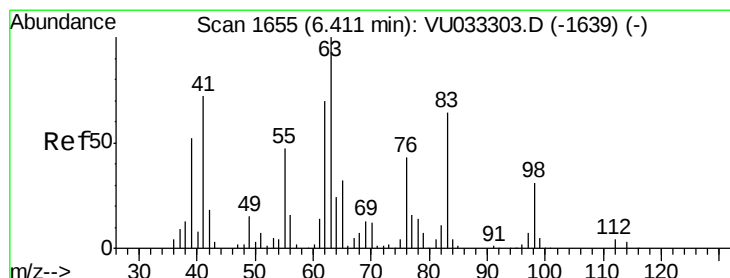
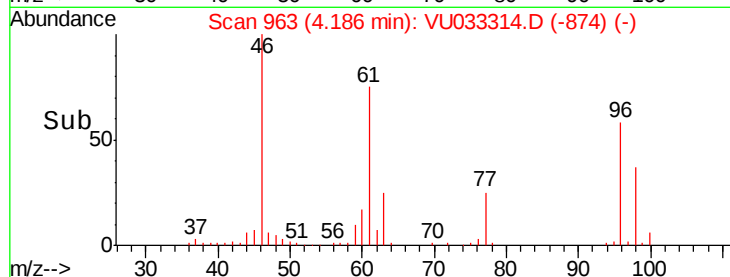
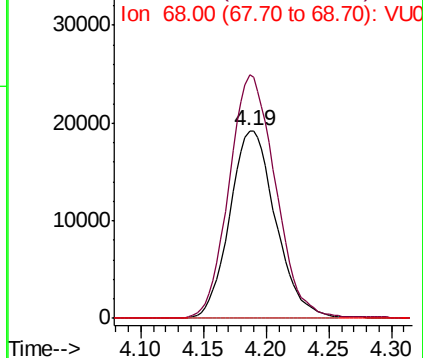
#20
 cis-1,2-Dichloroethene
 Concen: 19.175 ug/L
 RT: 4.19 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VU033314.D
 Acq: 18 Jul 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :
 A52J0ME

Tgt Ion: 96 Resp: 49022
 Ion Ratio Lower Upper
 96 100
 61 129.9 91.1 169.1
 68 0.0 0.0 0.0

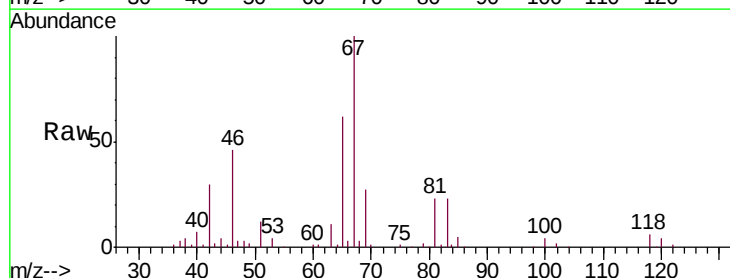


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

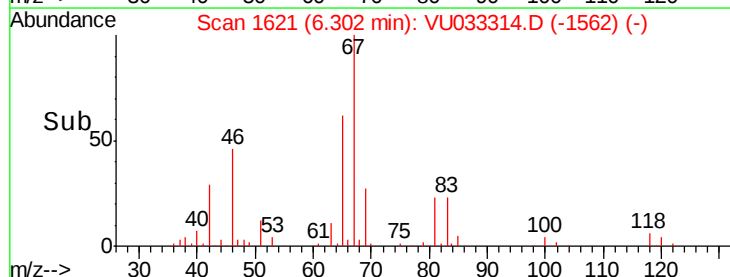
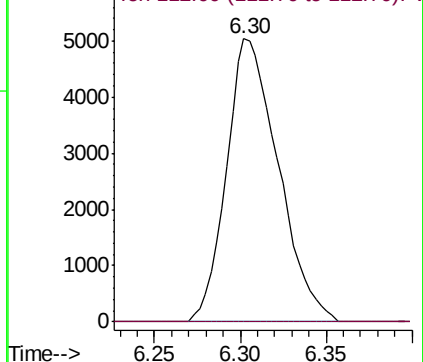


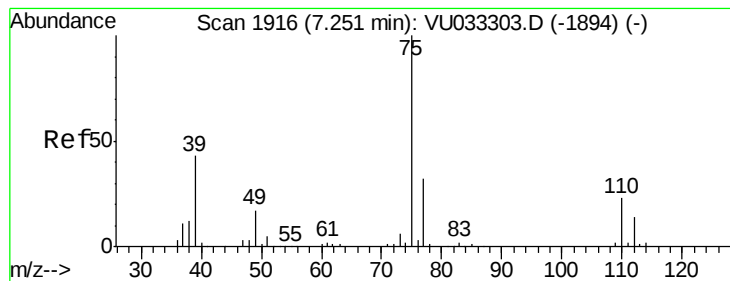
#37
 1,2-Dichloropropane
 Concen: 4.138 ug/L
 RT: 6.30 min Scan# 1621
 Delta R.T. -0.11 min
 Lab File: VU033314.D
 Acq: 18 Jul 2019 13:14

Tgt Ion: 63 Resp: 10534
 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



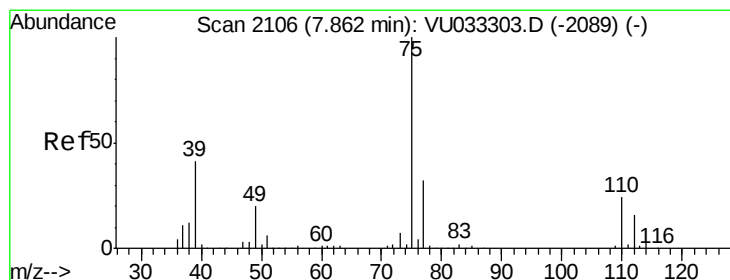
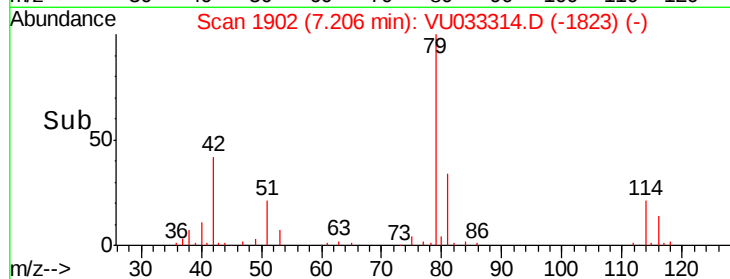
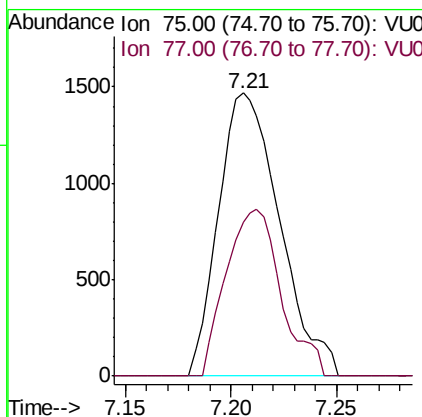
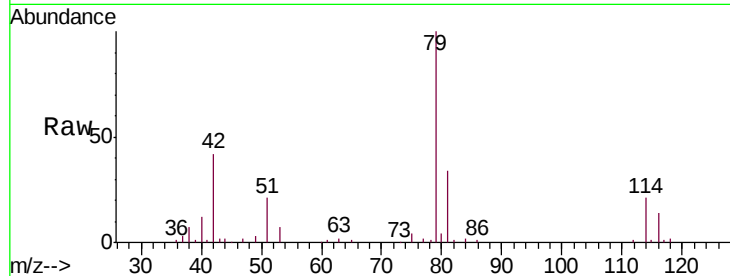


#39

cis-1,3-Dichloropropene
 Concen: 0.758 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033314.D
 Acq: 18 Jul 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :
 A52J0ME

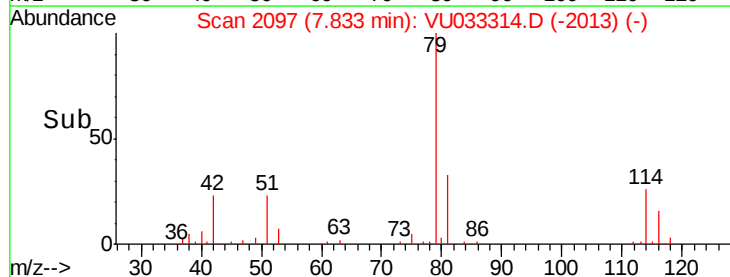
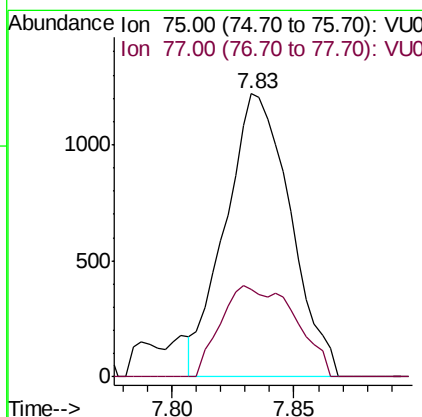
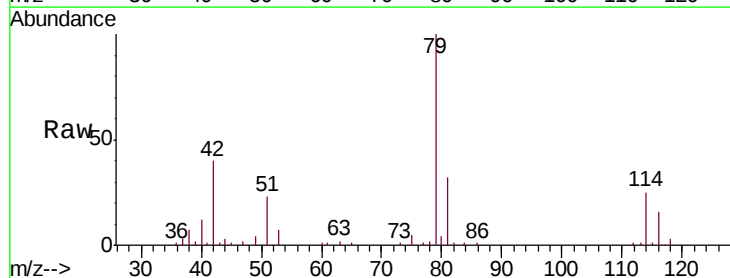
Tgt Ion: 75 Resp: 2960
 Ion Ratio Lower Upper
 75 100
 77 54.4 23.1 42.9#

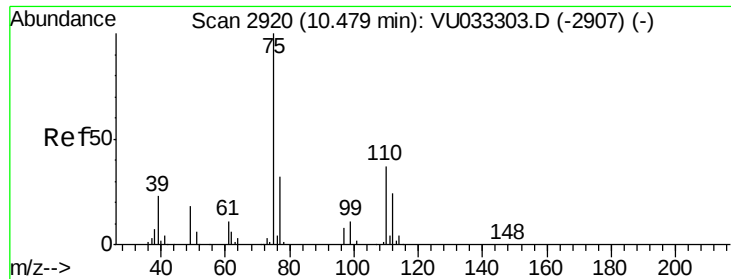


#44

trans-1,3-Dichloropropene
 Concen: 0.639 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033314.D
 Acq: 18 Jul 2019 13:14

Tgt Ion: 75 Resp: 2251
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.708 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033314.D

Acq: 18 Jul 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

A52J0ME

Tgt Ion: 75 Resp: 18915

Ion Ratio Lower Upper

75 100

77 42.3 26.0 39.0#

