

Data File : VU033312.D
Acq On : 18 Jul 2019 12:29
Operator : JC/SP
Sample : K3863-06ME
Misc : 7.25g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52G3ME

Quant Time: Jul 19 01:47:21 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	359510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	350757	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	180377	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41736	15.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	30.68%#
7) Chloroethane-d5	1.63	69	45017	19.36	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.72%#
11) 1,1-Dichloroethene-d2	2.32	63	71	0.01	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.17	46	183067	106.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.16%
24) Chloroform-d	4.62	84	156194	34.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.50%#
26) 1,2-Dichloroethane-d4	5.28	65	105399	36.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.06%
32) Benzene-d6	5.31	84	246491	28.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.30%#
36) 1,2-Dichloropropane-d6	6.31	67	100823	36.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.16%
41) Toluene-d8	7.55	98	204566	25.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	50.42%#
43) trans-1,3-Dichloropropene-	7.84	79	52543	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
47) 2-Hexanone-d5	8.31	63	140486	113.06	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.06%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	215978	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	147900	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%

Target Compounds

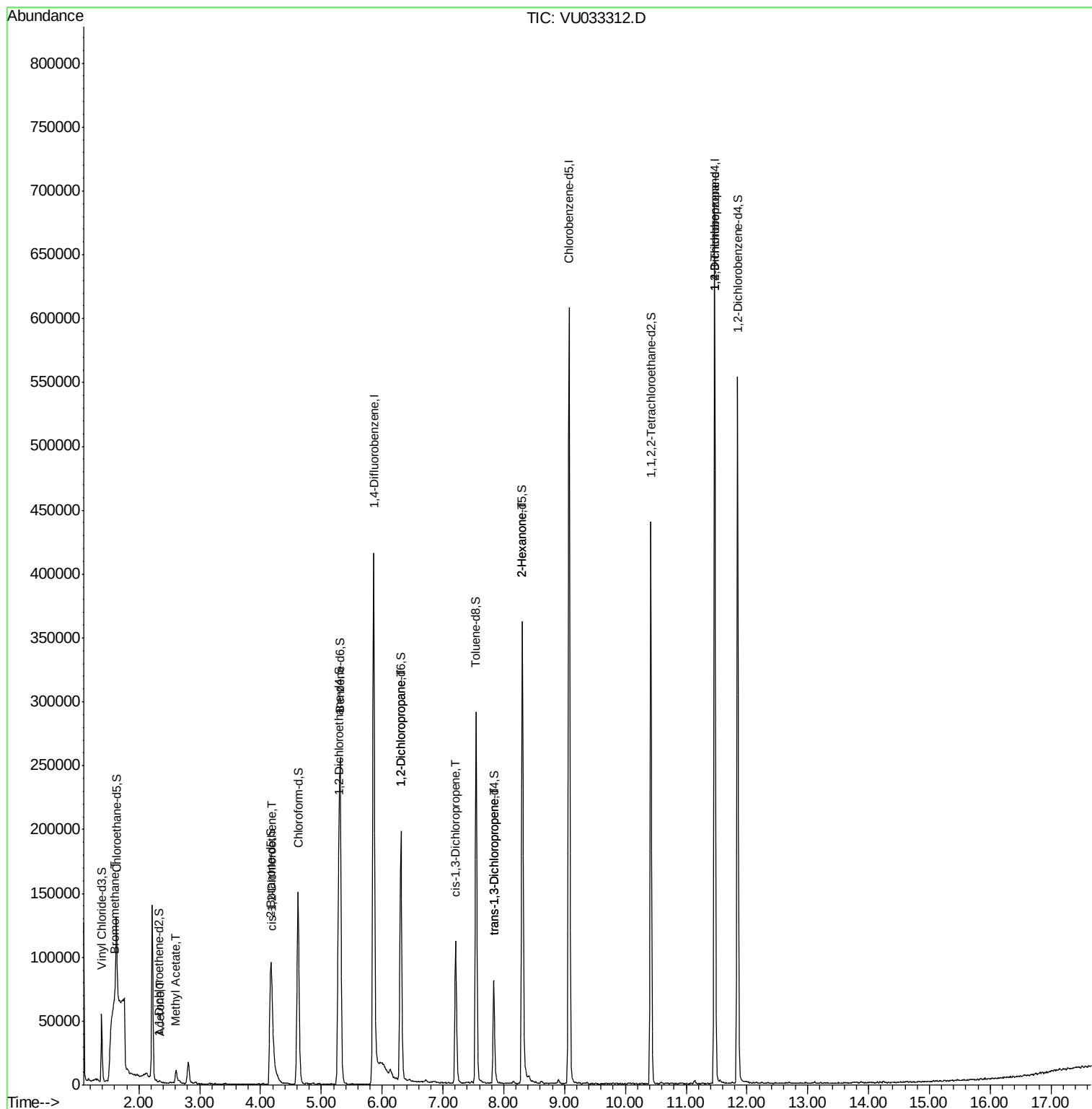
					Qvalue
6) Bromomethane	1.59	94	1621	0.641 ug/L	98
13) Acetone	2.33	43	1388	0.644 ug/L	69
15) Methyl Acetate	2.61	43	14669	5.214 ug/L	99
20) cis-1,2-Dichloroethene	4.19	96	14586	5.214 ug/L	96
37) 1,2-Dichloropropane	6.31	63	10625	3.830 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3038	0.714 ug/L #	79
44) trans-1,3-Dichloropropene	7.84	75	2438	0.636 ug/L #	72
48) 2-Hexanone	8.31	43	15657	5.164 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	21231	5.879 ug/L	90

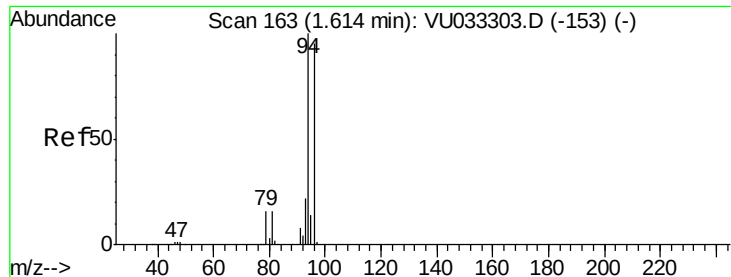
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.641 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.03 min

Lab File: VU033312.D

Acq: 18 Jul 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

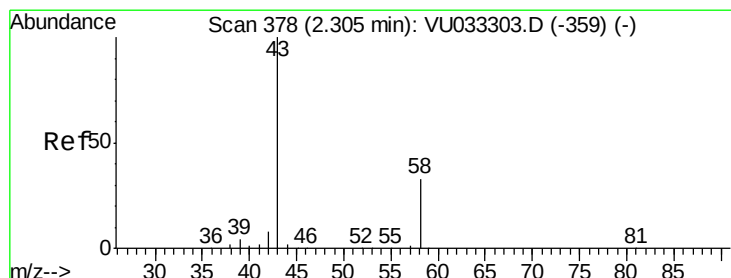
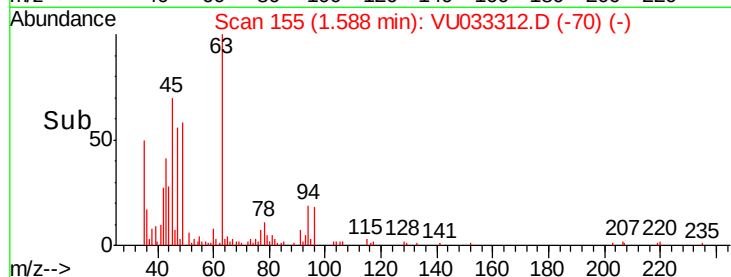
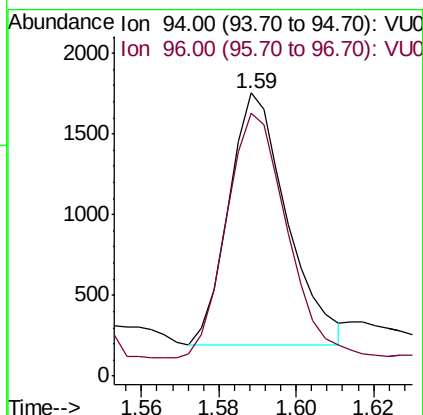
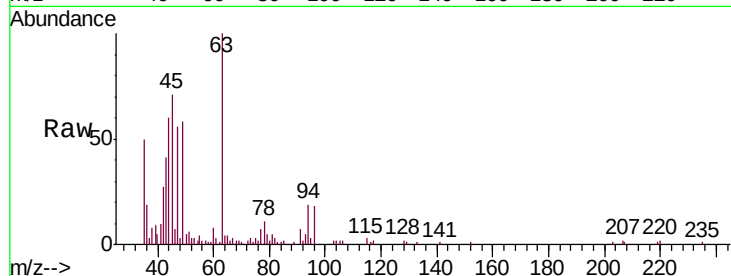
A52G3ME

Tgt Ion: 94 Resp: 1621

Ion Ratio Lower Upper

94 100

96 92.9 66.1 122.7



#13

Acetone

Concen: 0.644 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VU033312.D

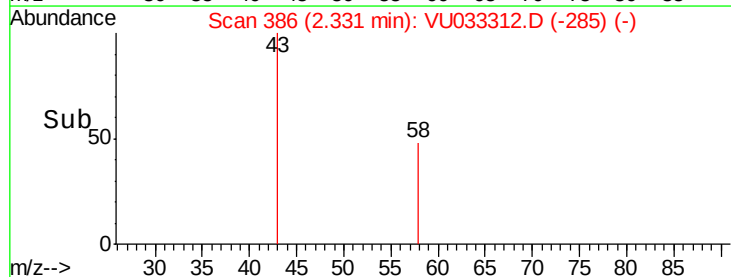
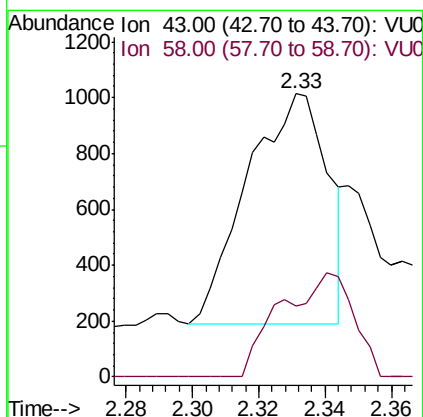
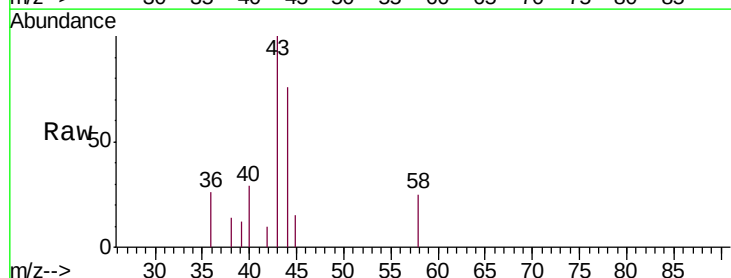
Acq: 18 Jul 2019 12:29

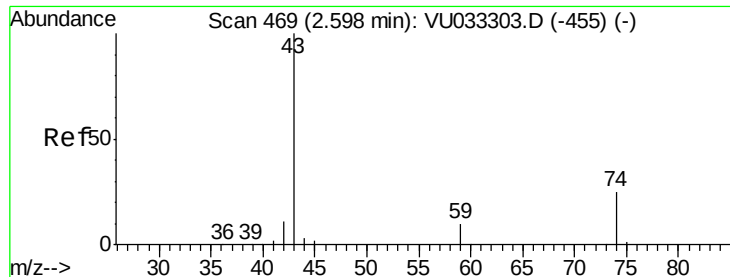
Tgt Ion: 43 Resp: 1388

Ion Ratio Lower Upper

43 100

58 15.1 0.0 65.4

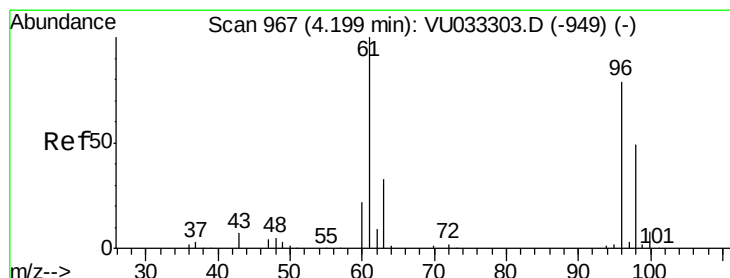
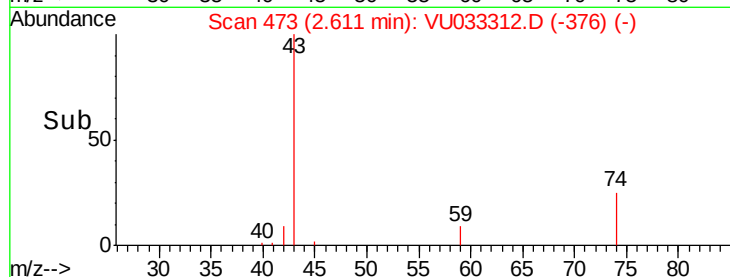
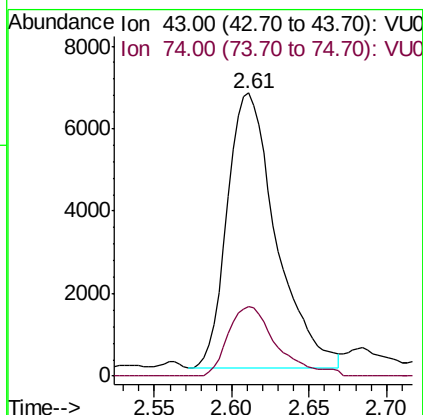
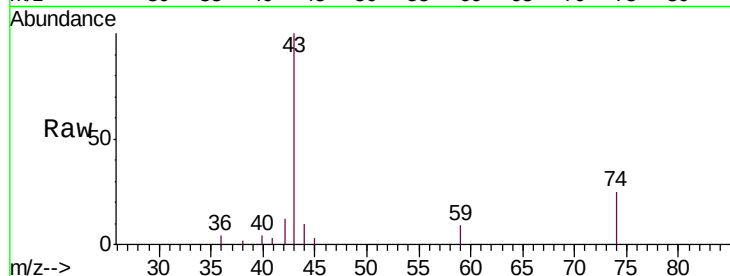




#15
Methyl Acetate
Concen: 5.214 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU033312.D
Acq: 18 Jul 2019 12:29

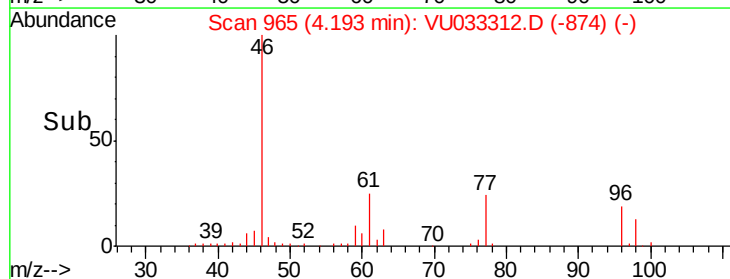
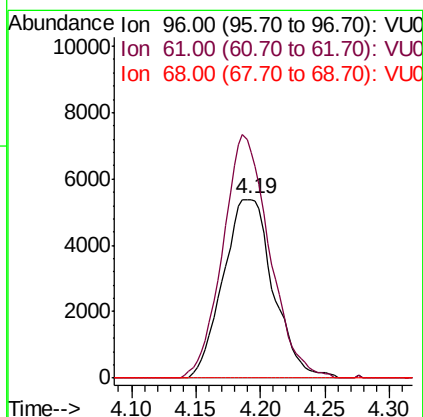
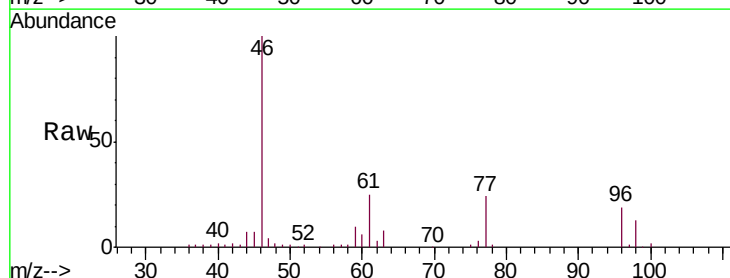
Instrument :
MSVOA_U
ClientSampleId :
A52G3ME

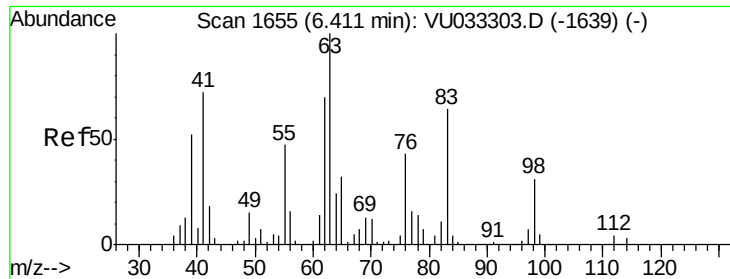
Tgt Ion: 43 Resp: 14669
Ion Ratio Lower Upper
43 100
74 24.3 19.9 29.9



#20
cis-1,2-Dichloroethene
Concen: 5.214 ug/L
RT: 4.19 min Scan# 965
Delta R.T. -0.01 min
Lab File: VU033312.D
Acq: 18 Jul 2019 12:29

Tgt Ion: 96 Resp: 14586
Ion Ratio Lower Upper
96 100
61 125.9 91.1 169.1
68 0.0 0.0 0.0

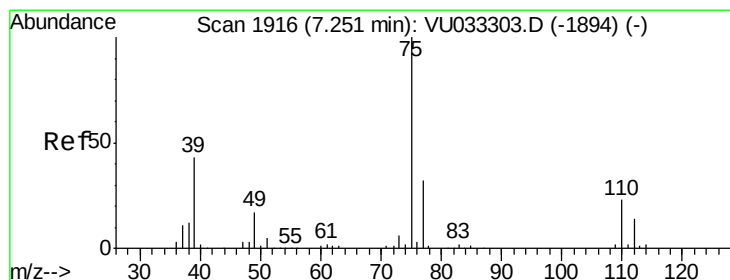
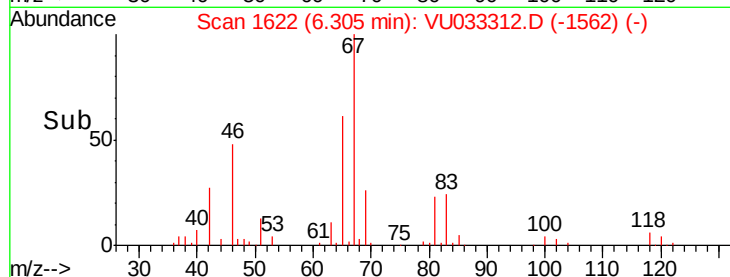
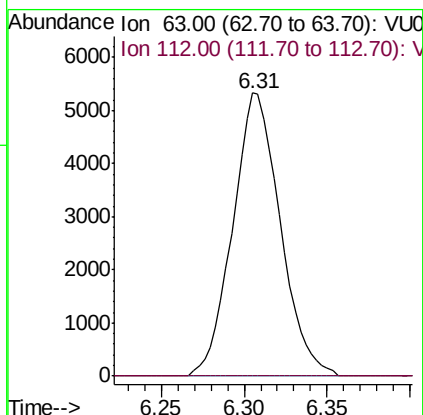
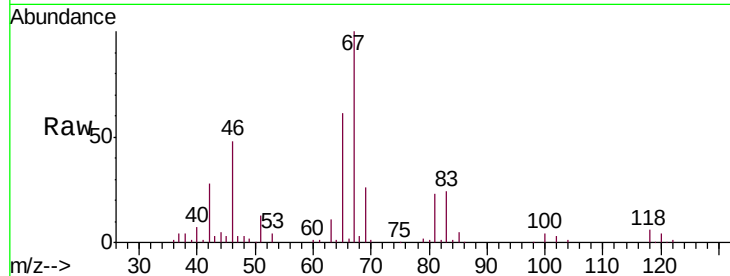




#37
 1,2-Dichloropropane
 Concen: 3.830 ug/L
 RT: 6.31 min Scan# 1622
 Delta R.T. -0.11 min
 Lab File: VU033312.D
 Acq: 18 Jul 2019 12:29

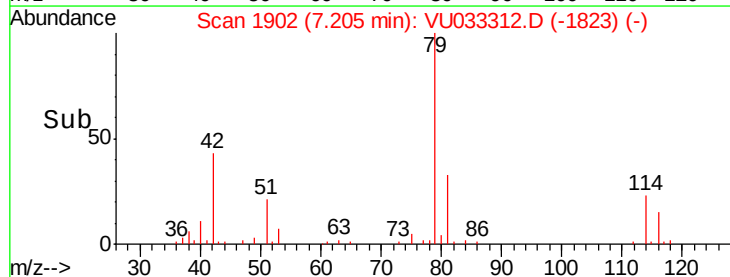
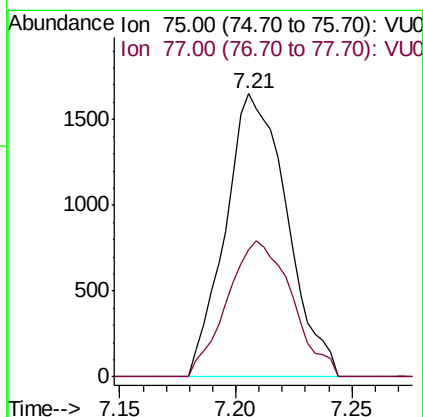
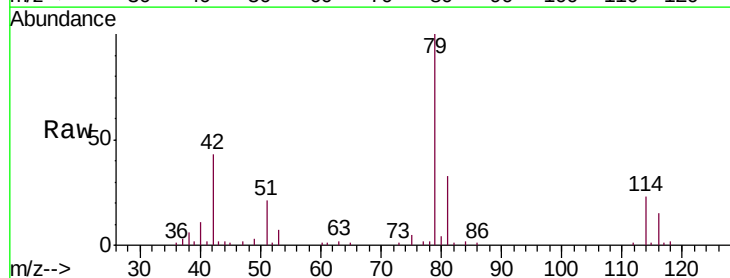
Instrument :
 MSVOA_U
 ClientSampleId :
 A52G3ME

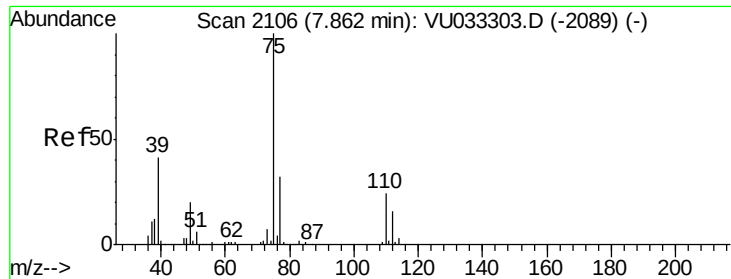
Tgt Ion: 63 Resp: 10625
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.714 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033312.D
 Acq: 18 Jul 2019 12:29

Tgt Ion: 75 Resp: 3038
 Ion Ratio Lower Upper
 75 100
 77 44.9 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.636 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.02 min

Lab File: VU033312.D

Acq: 18 Jul 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

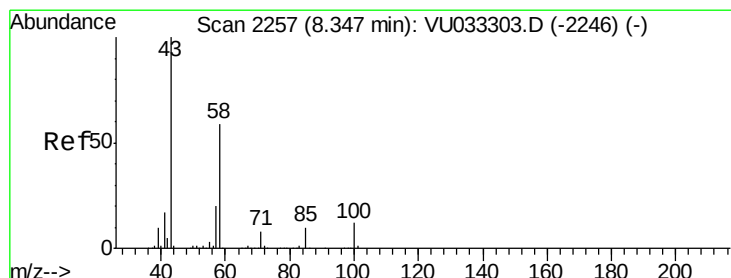
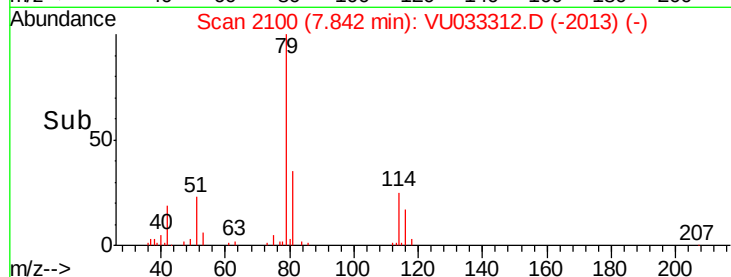
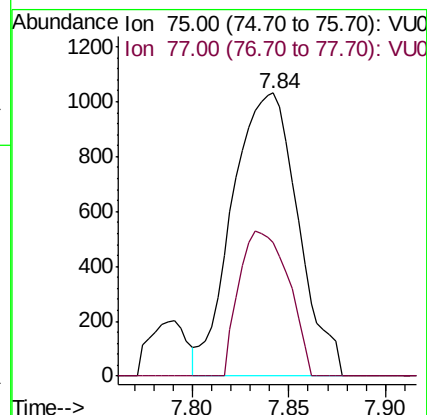
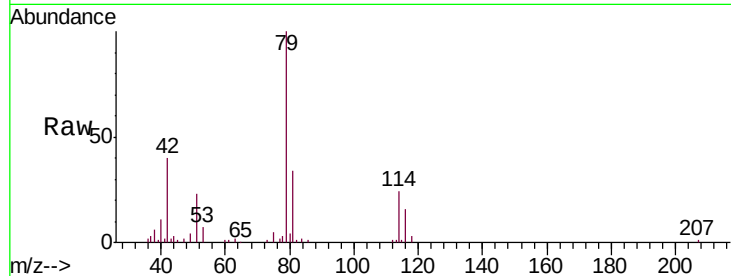
A52G3ME

Tgt Ion: 75 Resp: 2438

Ion Ratio Lower Upper

75 100

77 47.4 22.4 41.6#



#48

2-Hexanone

Concen: 5.164 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.04 min

Lab File: VU033312.D

Acq: 18 Jul 2019 12:29

Tgt Ion: 43 Resp: 15657

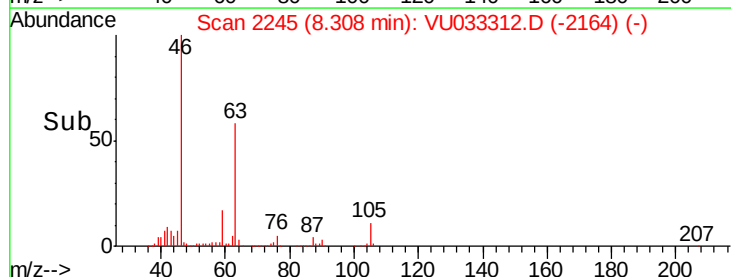
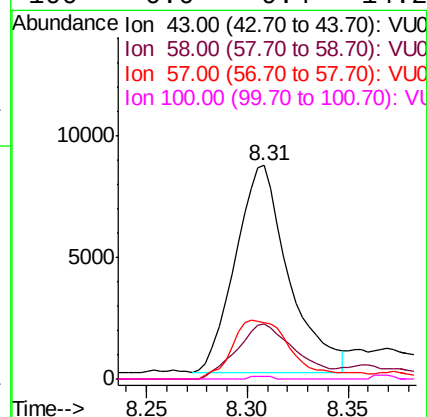
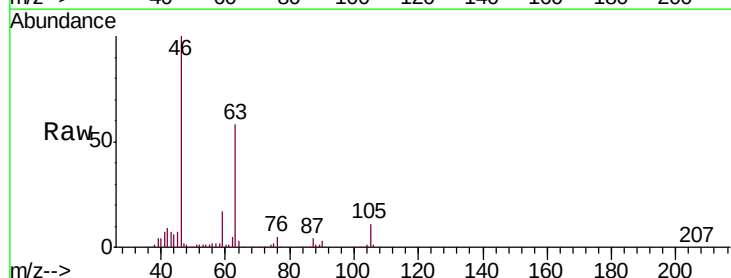
Ion Ratio Lower Upper

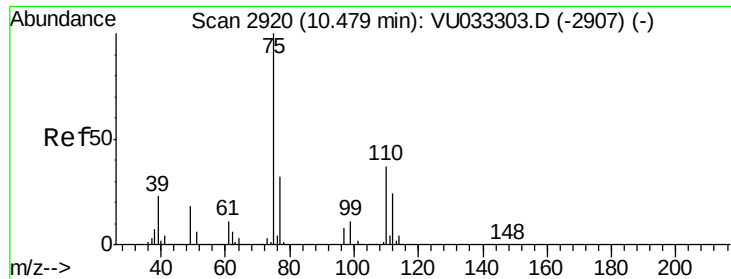
43 100

58 29.6 46.1 69.1#

57 31.3 15.8 23.8#

100 0.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.879 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033312.D

Acq: 18 Jul 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

A52G3ME

Tgt Ion: 75 Resp: 21231

Ion Ratio Lower Upper

75 100

77 38.2 26.0 39.0

