

Data File : VU033111.D
Acq On : 01 Jul 2019 13:35
Operator : JC/SP
Sample : K3599-11
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM20

Quant Time: Jul 02 04:20:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	228894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228086	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60166	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.92%
7) Chloroethane-d5	1.64	69	43112	34.56	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.12%#
11) 1,1-Dichloroethene-d2	2.22	63	106348	33.75	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	4.19	46	148683	114.20	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.20%
24) Chloroform-d	4.63	84	147851	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.30	65	105908	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
32) Benzene-d6	5.32	84	281052	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
36) 1,2-Dichloropropane-d6	6.32	67	94353	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.62%
41) Toluene-d8	7.56	98	253426	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.85	79	44613	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.56%
47) 2-Hexanone-d5	8.32	63	91537	103.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148584	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	106444	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

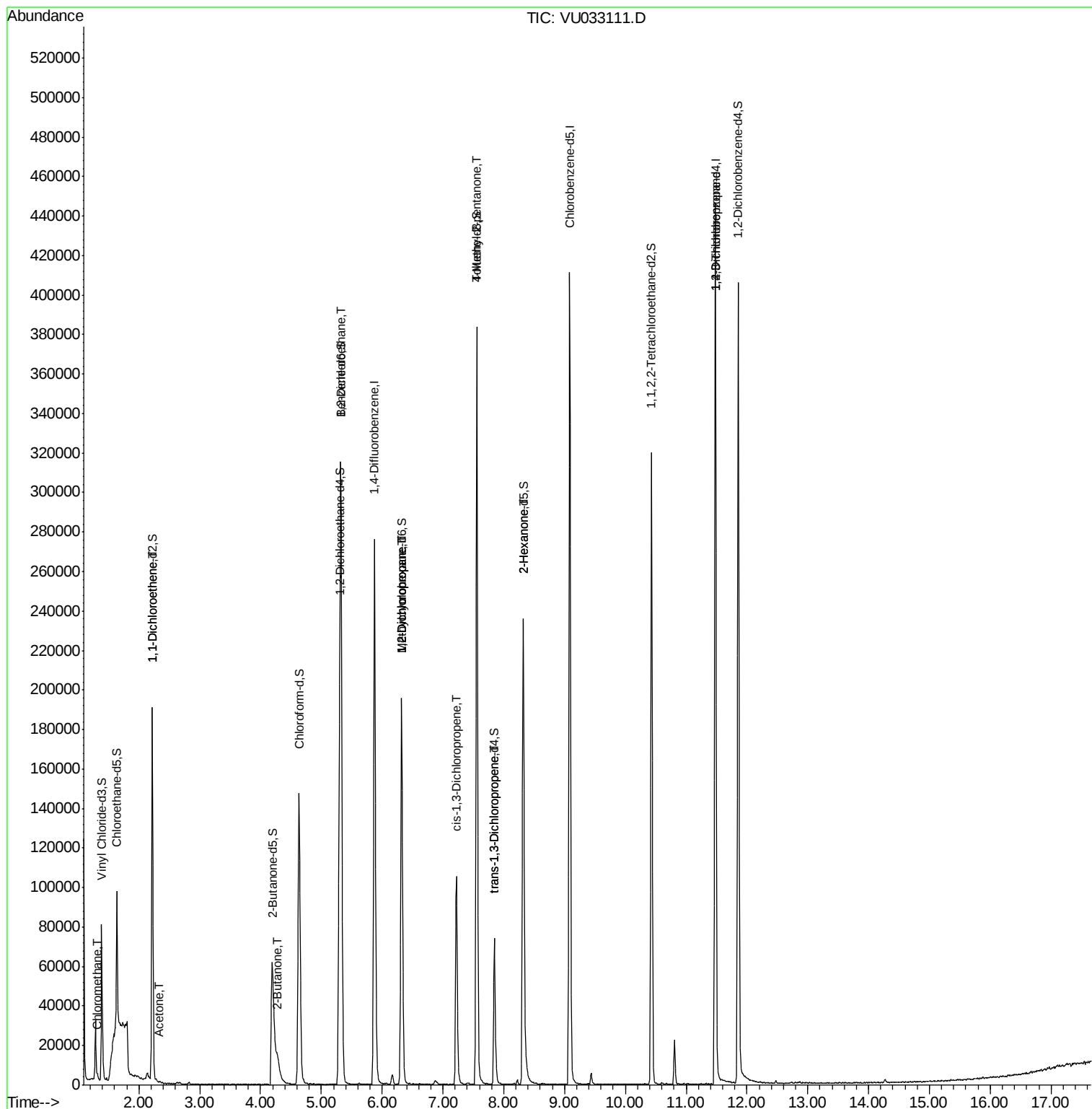
					Qvalue
3) Chloromethane	1.32	50	1654	0.789 ug/L	93
12) 1,1-Dichloroethene	2.23	96	869	0.603 ug/L #	1
13) Acetone	2.34	43	1001	0.557 ug/L	75
22) 2-Butanone	4.29	43	17281	9.271 ug/L #	71
27) 1,2-Dichloroethane	5.32	62	1975	0.782 ug/L #	77
35) Methylcyclohexane	6.32	83	21483	7.917 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	11693	6.488 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3182	1.133 ug/L #	76
40) 4-Methyl-2-pentanone	7.56	43	1379	0.479 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	2290	0.868 ug/L	87
48) 2-Hexanone	8.32	43	13029	5.132 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	14421	5.996 ug/L #	88

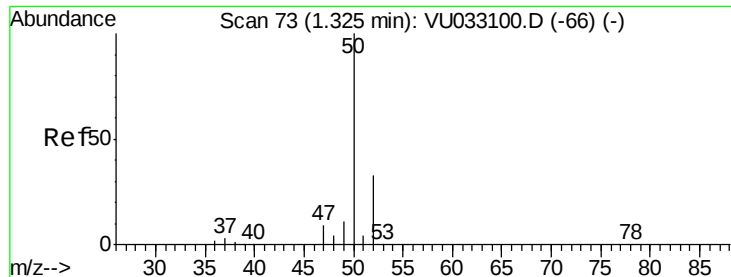
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.789 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU033111.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampled :

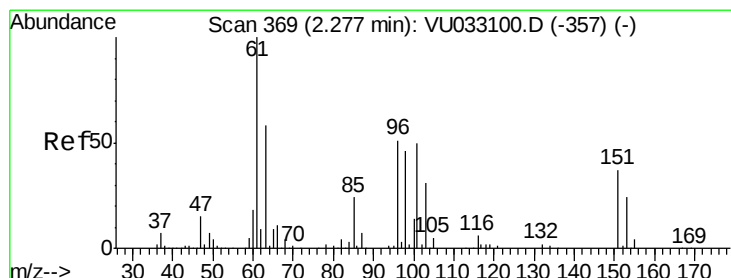
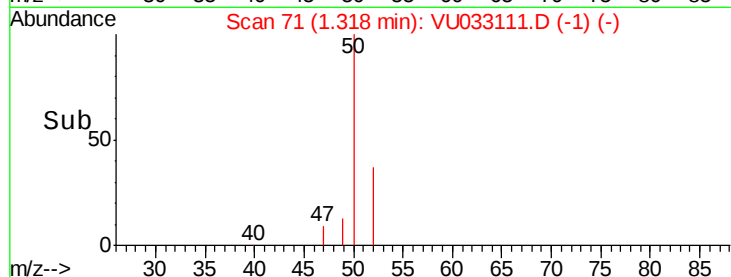
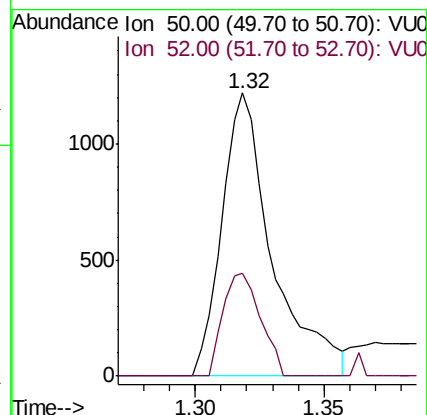
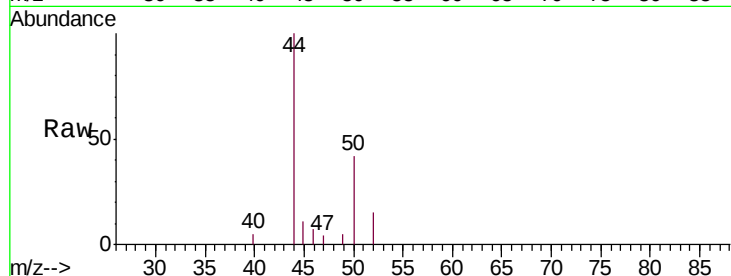
GAM20

Tgt Ion: 50 Resp: 1654

Ion Ratio Lower Upper

50 100

52 36.5 23.0 42.6



#12

1,1-Dichloroethene

Concen: 0.603 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU033111.D

Acq: 01 Jul 2019 13:35

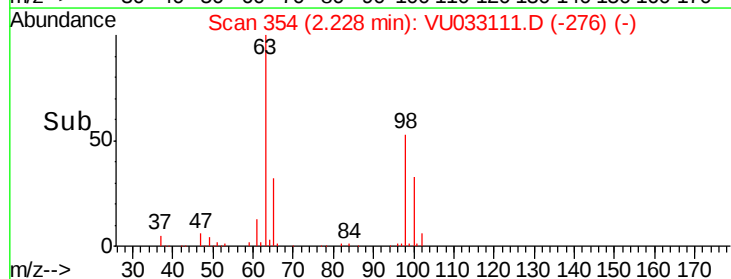
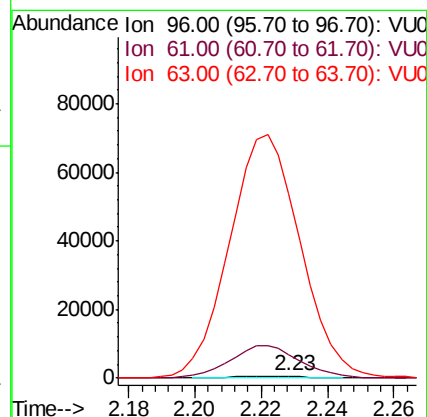
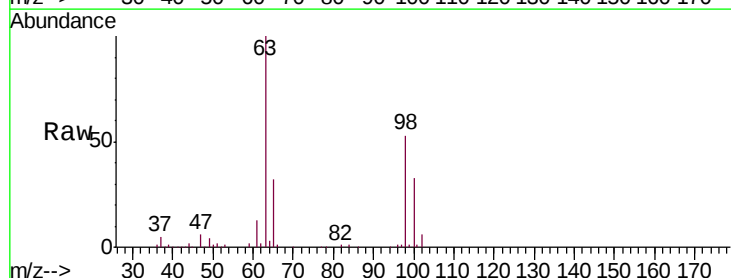
Tgt Ion: 96 Resp: 869

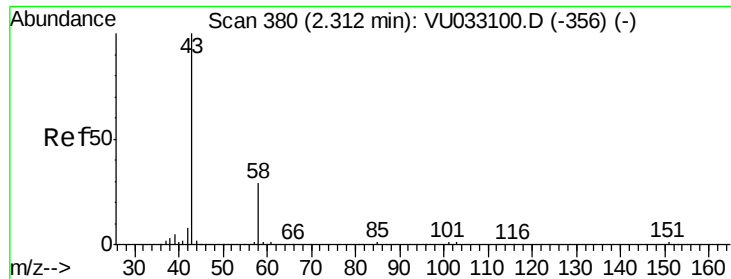
Ion Ratio Lower Upper

96 100

61 1228.2 131.0 243.4#

63 9527.7 101.0 187.6#





#13

Acetone

Concen: 0.557 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.03 min

Lab File: VU033111.D

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ClientSampleId :

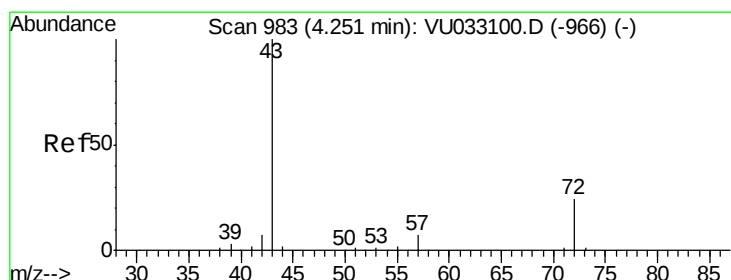
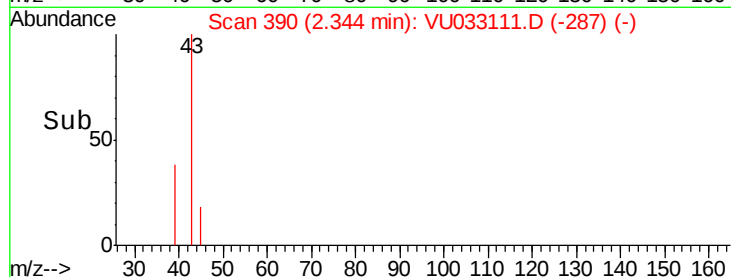
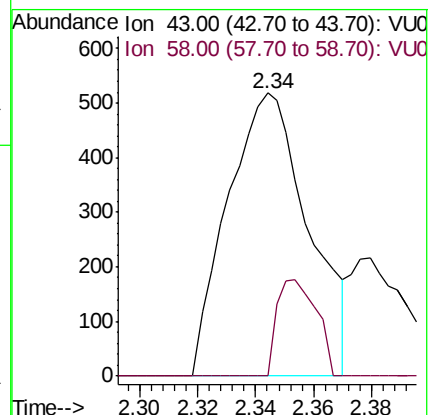
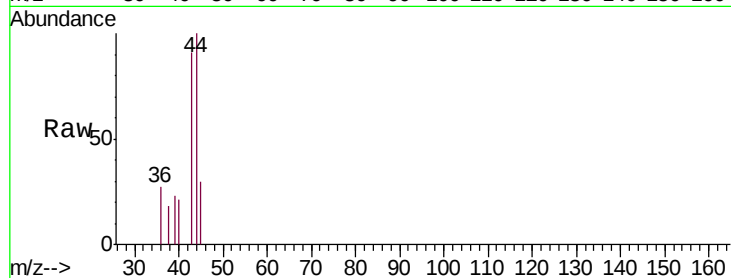
GAM20

Tgt Ion: 43 Resp: 1001

Ion Ratio Lower Upper

43 100

58 16.6 0.0 60.6



#22

2-Butanone

Concen: 9.271 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.04 min

Lab File: VU033111.D

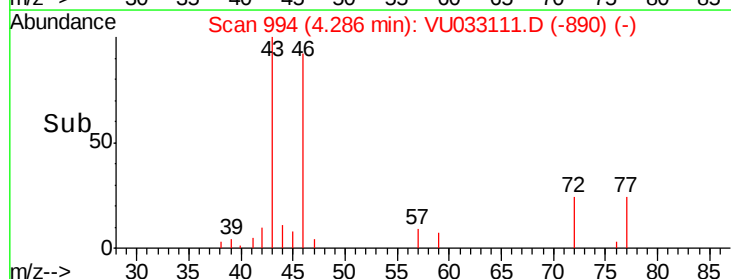
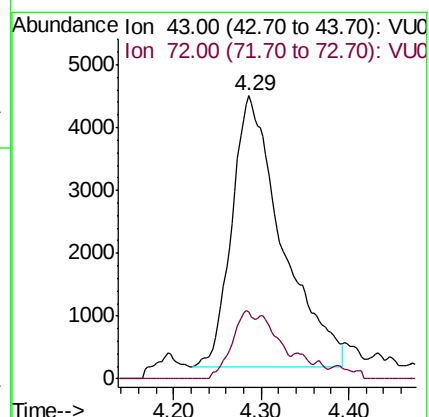
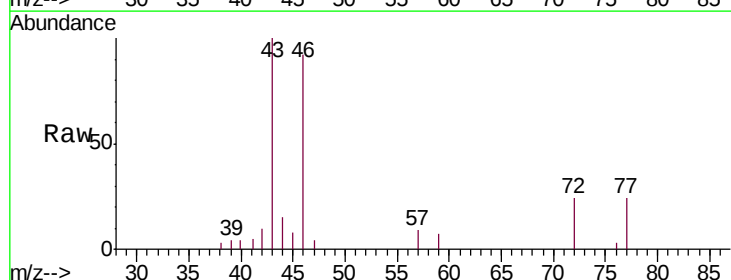
Acq: 01 Jul 2019 13:35

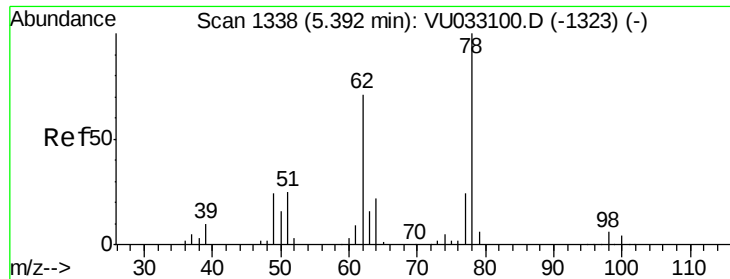
Tgt Ion: 43 Resp: 17281

Ion Ratio Lower Upper

43 100

72 11.1 12.9 38.6#

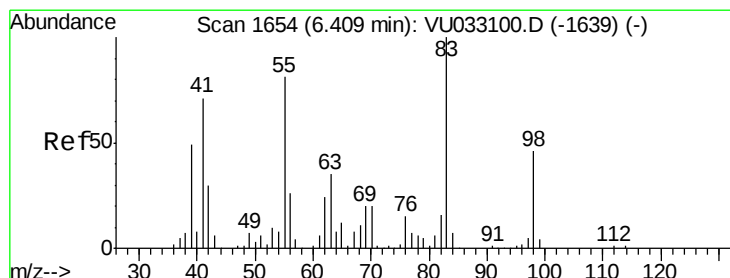
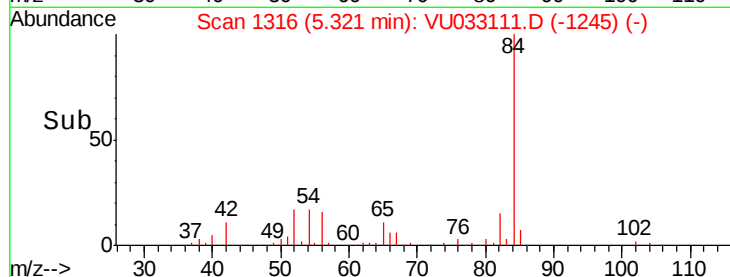
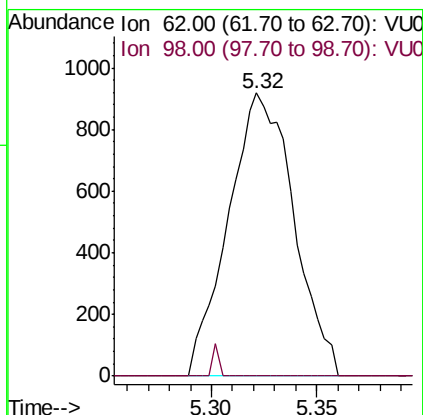
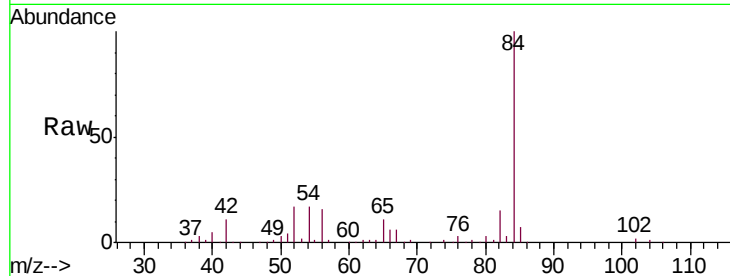




#27
 1,2-Dichloroethane
 Concen: 0.782 ug/L
 RT: 5.32 min Scan# 1316
 Delta R.T. -0.07 min
 Lab File: VU033111.D
 Acq: 01 Jul 2019 13:35

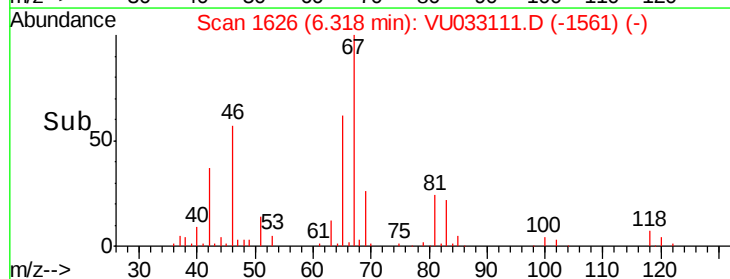
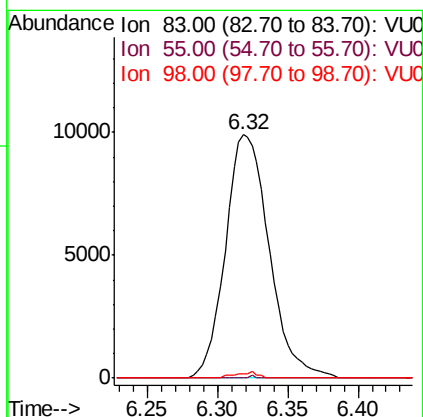
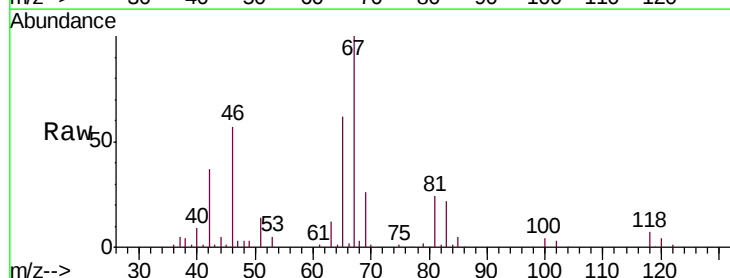
Instrument :
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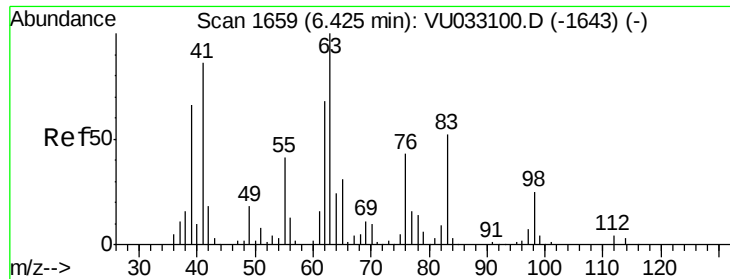
Tgt Ion: 62 Resp: 1975
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 7.917 ug/L
 RT: 6.32 min Scan# 1626
 Delta R.T. -0.09 min
 Lab File: VU033111.D
 Acq: 01 Jul 2019 13:35

Tgt Ion: 83 Resp: 21483
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.6 94.0#
 98 1.2 37.4 56.0#

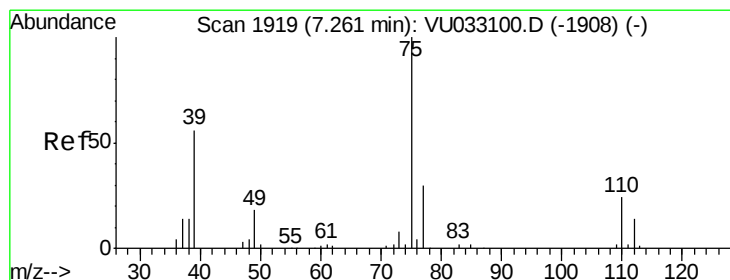
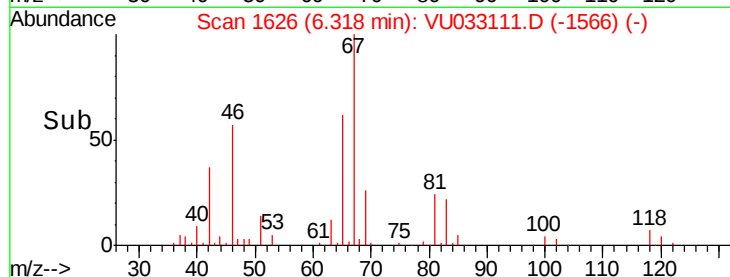
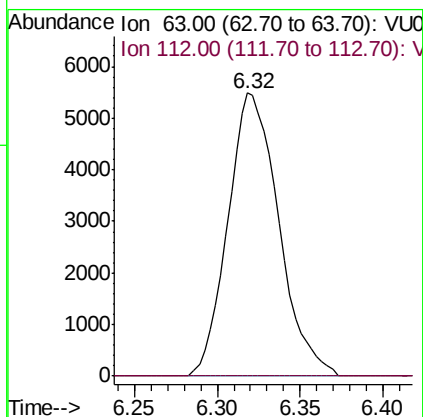
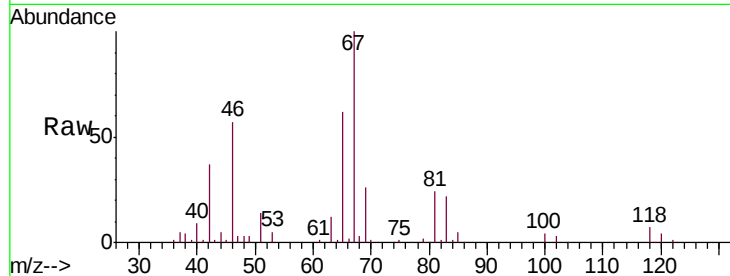




#37
 1,2-Dichloropropane
 Concen: 6.488 ug/L
 RT: 6.32 min Scan# 1626
 Delta R.T. -0.11 min
 Lab File: VU033111.D
 Acq: 01 Jul 2019 13:35

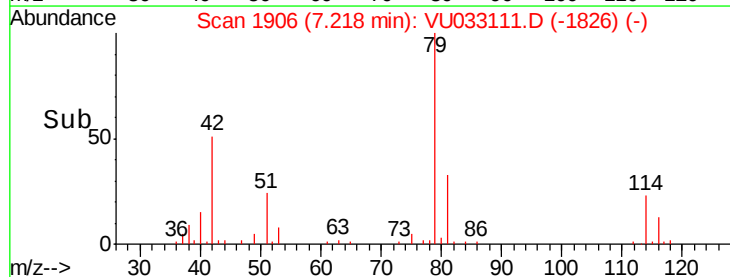
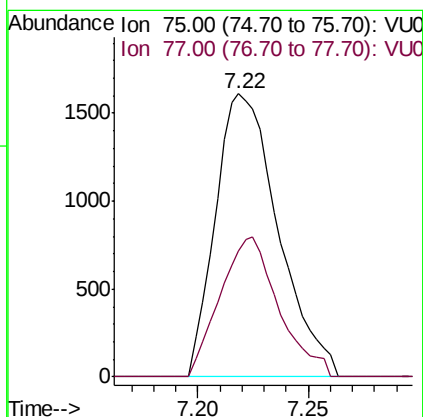
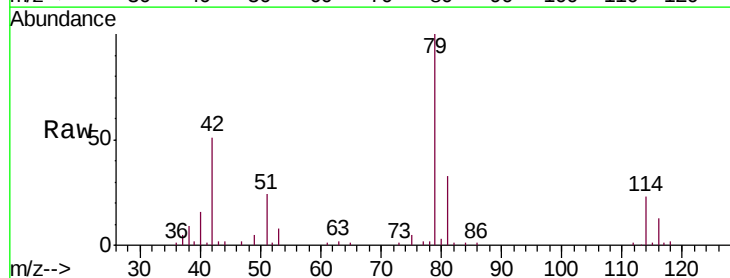
Instrument :
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 ClientSampleId :
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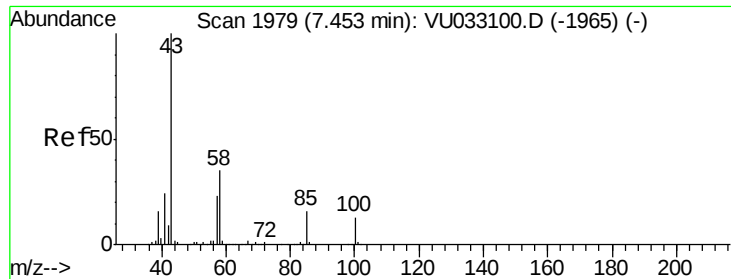
Tgt Ion: 63 Resp: 11693
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.133 ug/L
 RT: 7.22 min Scan# 1906
 Delta R.T. -0.04 min
 Lab File: VU033111.D
 Acq: 01 Jul 2019 13:35

Tgt Ion: 75 Resp: 3182
 Ion Ratio Lower Upper
 75 100
 77 44.4 21.9 40.7#

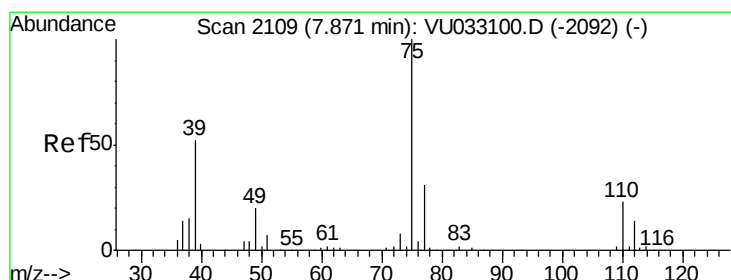
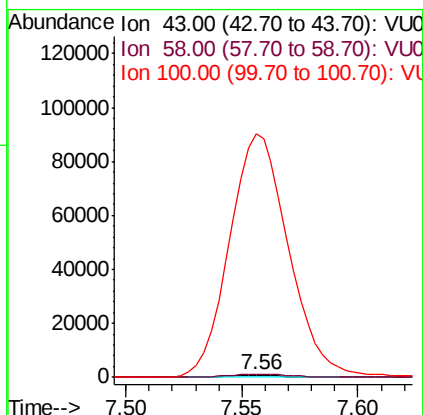
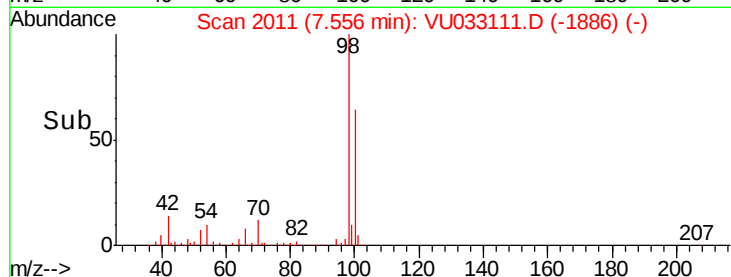
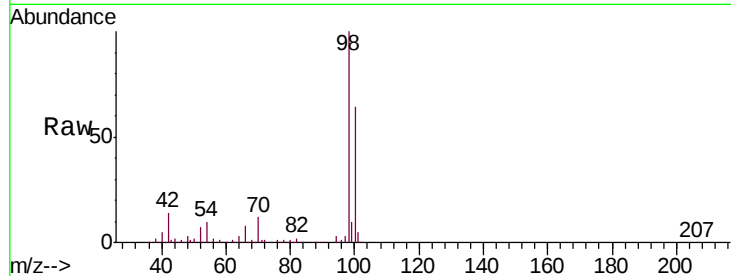




#40
4-Methyl-2-pentanone
Concen: 0.479 ug/L
RT: 7.56 min Scan# 2011
Delta R.T. 0.10 min
Lab File: VU033111.D
Acq: 01 Jul 2019 13:35

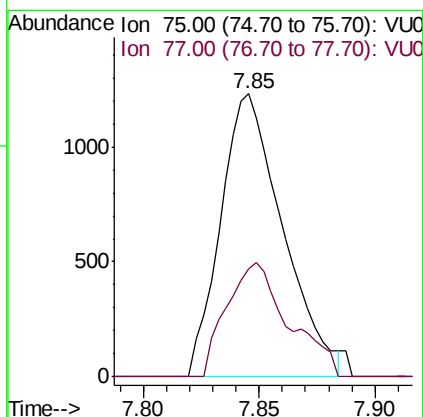
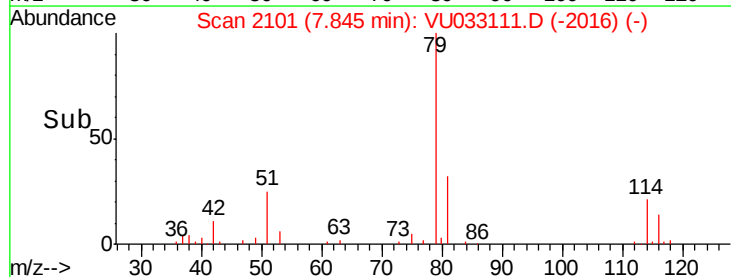
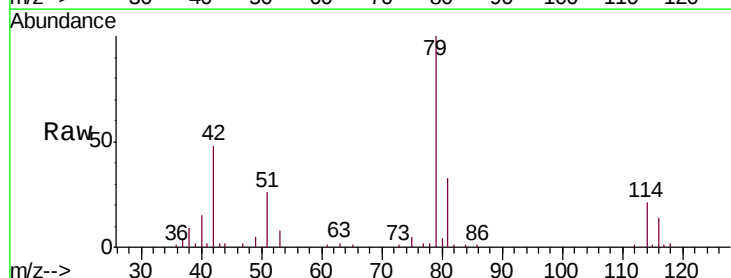
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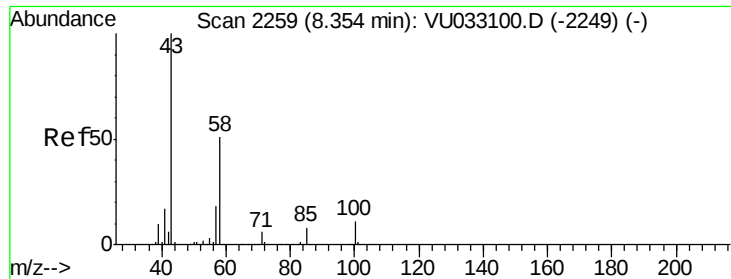
Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 160.1 29.4 44.2#
100 11644.5 11.2 16.8#



#44
trans-1,3-Dichloropropene
Concen: 0.868 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033111.D
Acq: 01 Jul 2019 13:35

Tgt Ion: 75 Resp: 2290
Ion Ratio Lower Upper
75 100
77 38.2 21.8 40.4

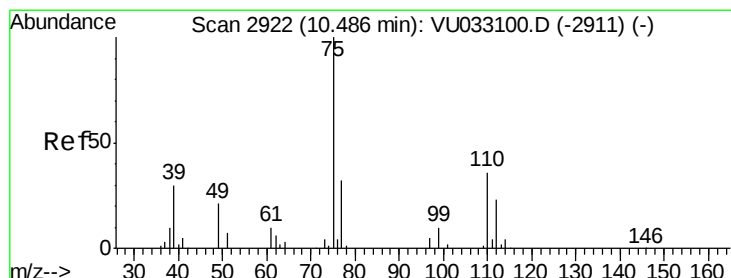
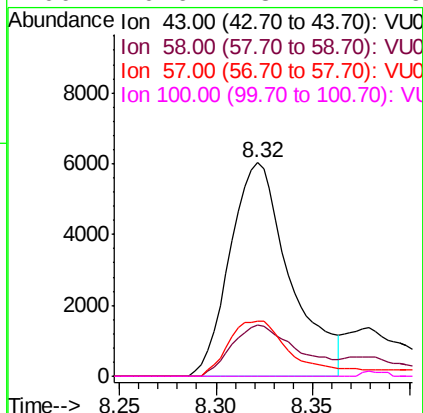
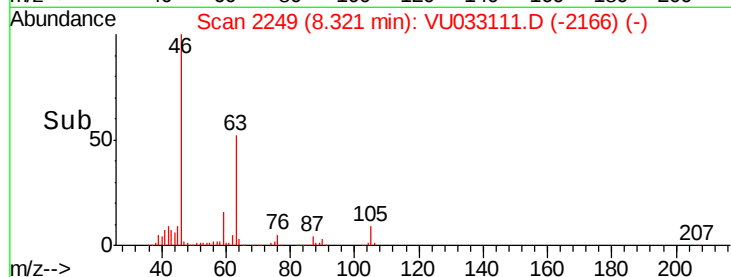
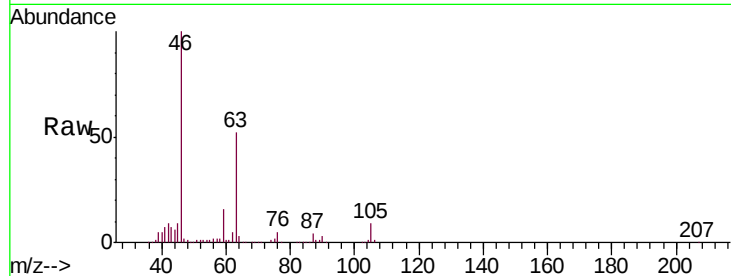




#48
 2-Hexanone
 Concen: 5.132 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.03 min
 Lab File: VU033111.D
 Acq: 01 Jul 2019 13:35

Instrument :
 MSVOA_U
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Tgt Ion: 43 Resp: 13029
 Ion Ratio Lower Upper
 43 100
 58 26.8 40.2 60.2#
 57 25.9 14.2 21.4#
 100 0.6 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.996 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 1.00 min
 Lab File: VU033111.D
 Acq: 01 Jul 2019 13:35

Tgt Ion: 75 Resp: 14421
 Ion Ratio Lower Upper
 75 100
 77 38.8 25.5 38.3#

