

Data File : VU032719.D
Acq On : 14 Jun 2019 01:29
Operator : JC/SP
Sample : K3364-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM55

Quant Time: Jun 14 07:44:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26672	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.67	69	23791	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.27	63	42428	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.18	46	96461	56.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.16%
24) Chloroform-d	4.64	84	56347	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.30	65	32745	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.33	84	108632	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.32	67	35734	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	96886	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	13812	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	76835	52.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32696	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	42161	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

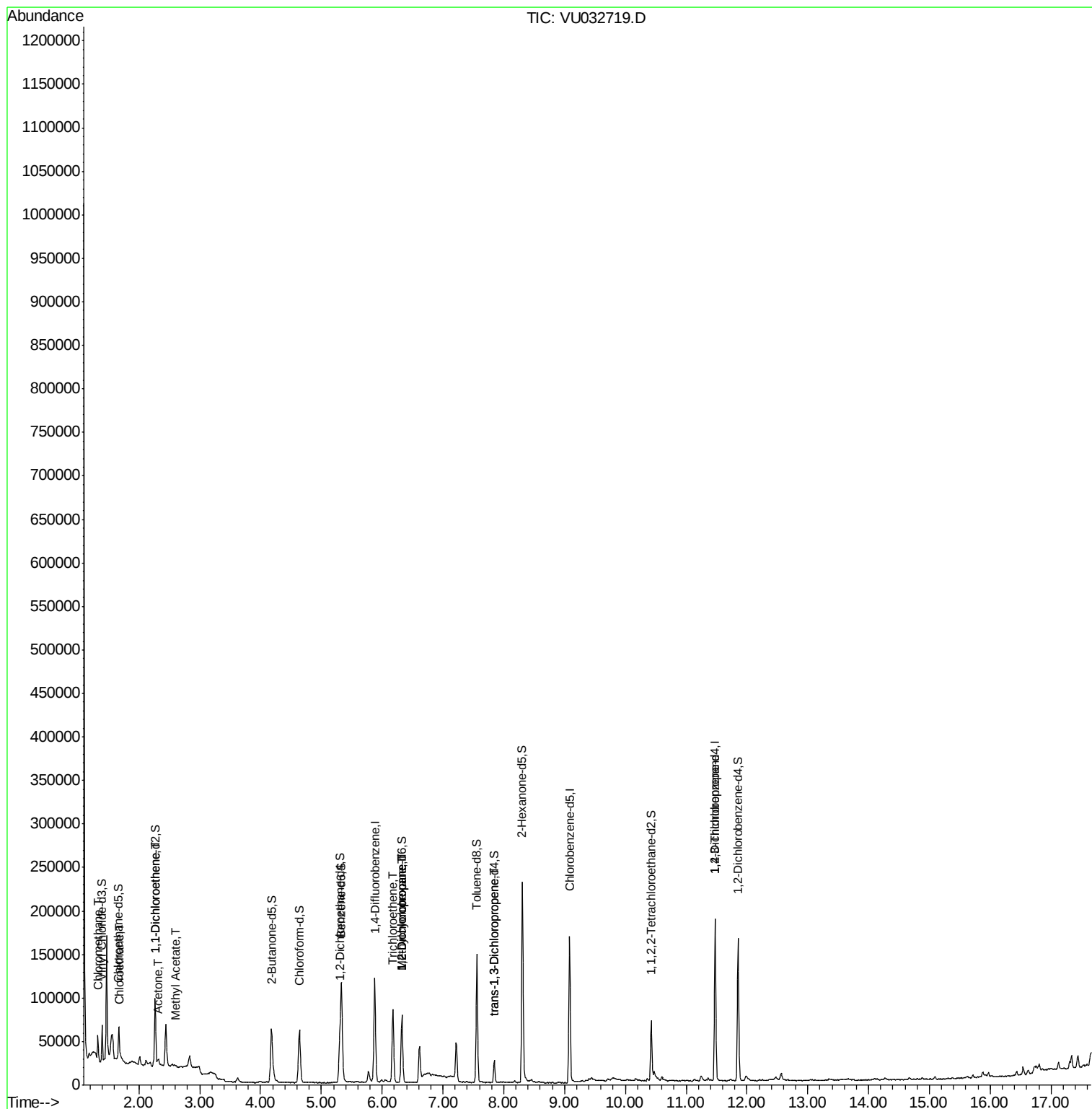
					Qvalue
3) Chloromethane	1.32	50	23169	2.747 ug/L	98
8) Chloroethane	1.69	64	1099	0.207 ug/L #	72
12) 1,1-Dichloroethene	2.28	96	1823	0.303 ug/L #	1
13) Acetone	2.32	43	6977	5.227 ug/L	96
15) Methyl Acetate	2.61	43	505	0.138 ug/L #	75
34) Trichloroethene	6.18	95	27138	3.555 ug/L	99
35) Methylcyclohexane	6.32	83	8237	0.671 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	4146	0.604 ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	699	0.083 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	6187	1.372 ug/L #	89

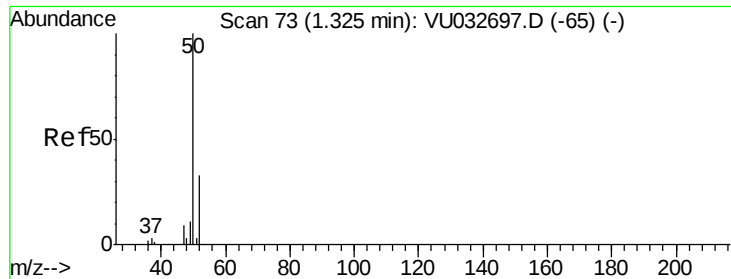
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.747 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032719.D

Acq: 14 Jun 2019 01:29

Instrument :

MSVOA_U

ClientSampleId :

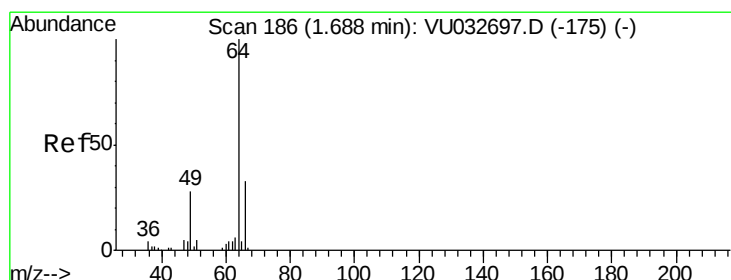
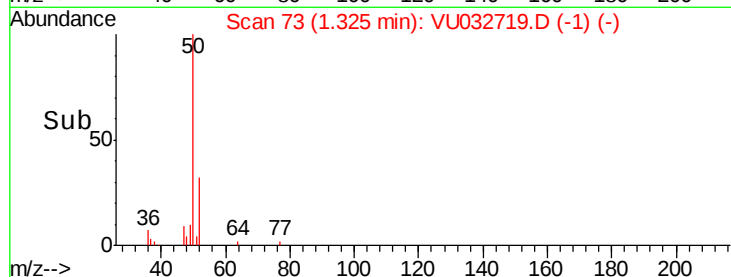
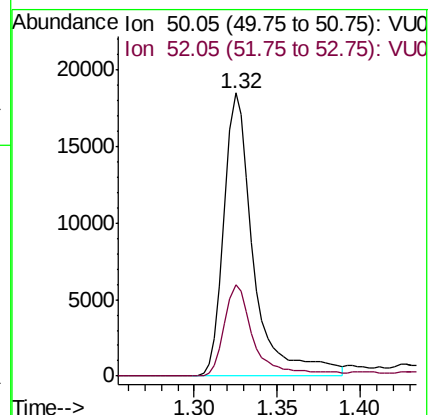
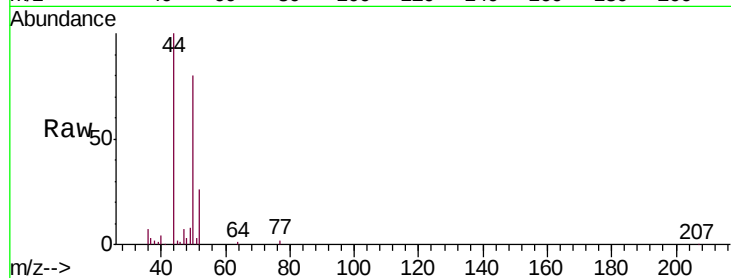
COM55

Tgt Ion: 50 Resp: 23169

Ion Ratio Lower Upper

50 100

52 32.2 23.2 43.2



#8

Chloroethane

Concen: 0.207 ug/L

RT: 1.69 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU032719.D

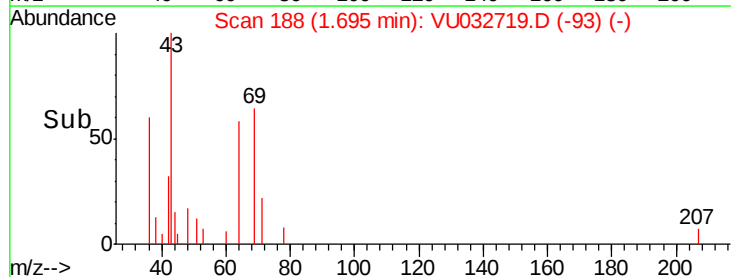
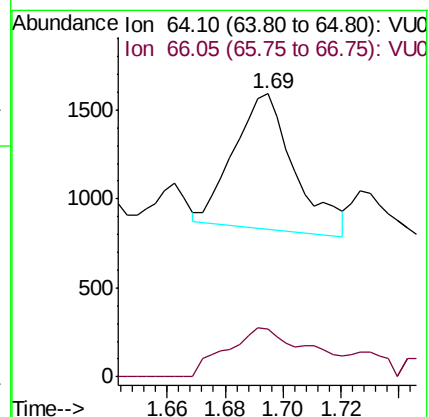
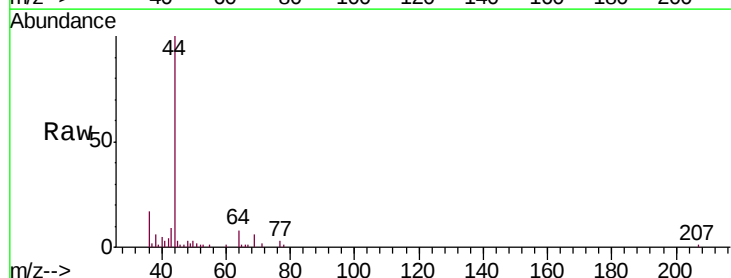
Acq: 14 Jun 2019 01:29

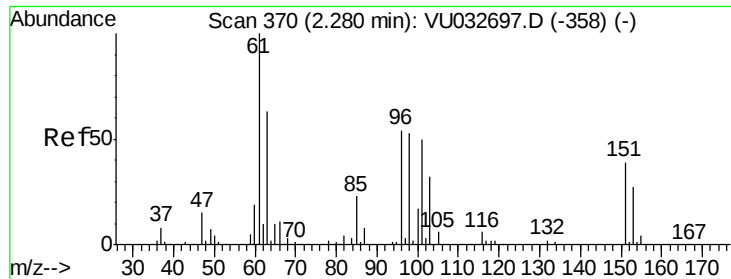
Tgt Ion: 64 Resp: 1099

Ion Ratio Lower Upper

64 100

66 17.0 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.303 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032719.D

Acq: 14 Jun 2019 01:29

Instrument :

MSVOA_U

ClientSampleId :

C0M55

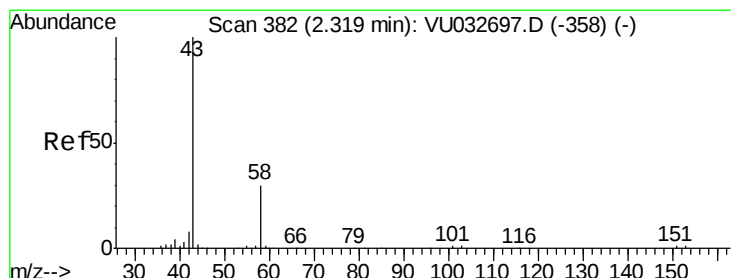
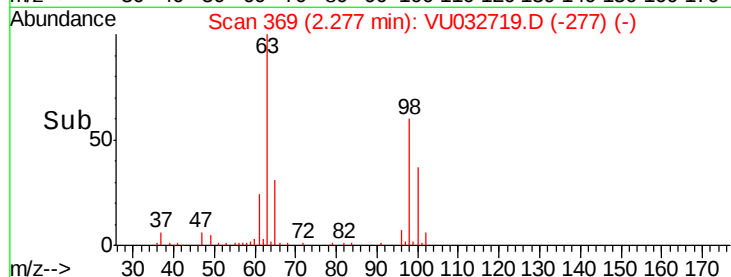
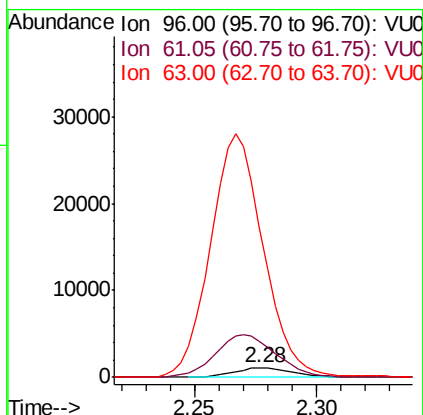
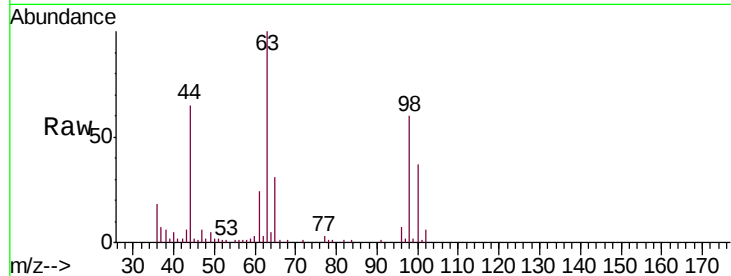
Tgt Ion: 96 Resp: 1823

Ion Ratio Lower Upper

96 100

61 357.1 131.8 244.8#

63 1512.4 90.1 167.3#



#13

Acetone

Concen: 5.227 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032719.D

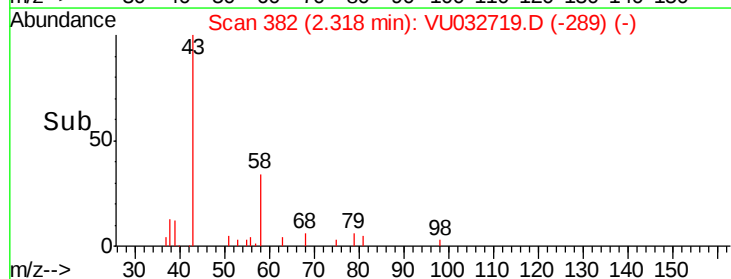
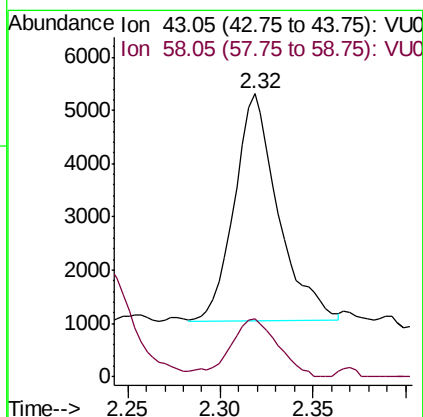
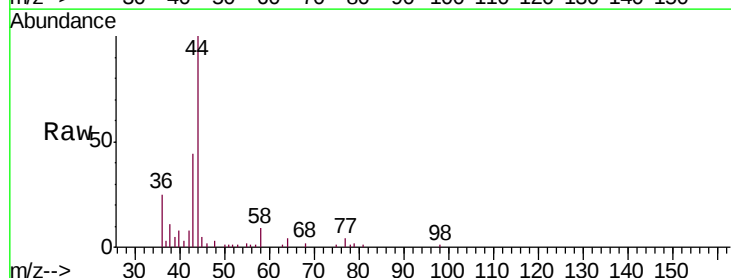
Acq: 14 Jun 2019 01:29

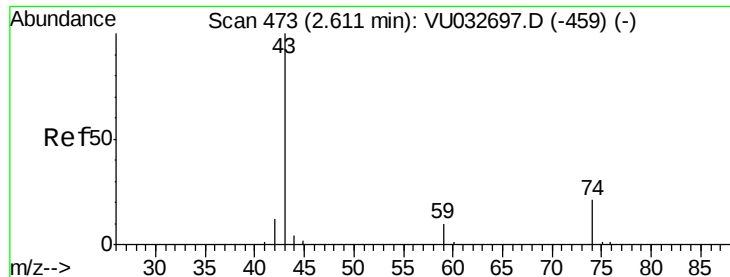
Tgt Ion: 43 Resp: 6977

Ion Ratio Lower Upper

43 100

58 28.1 0.0 60.8

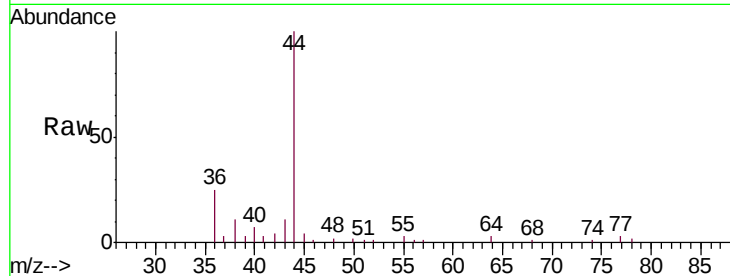




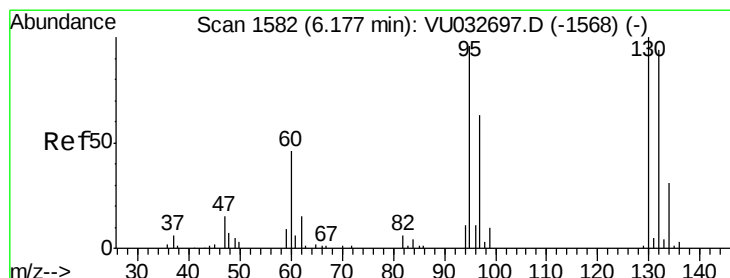
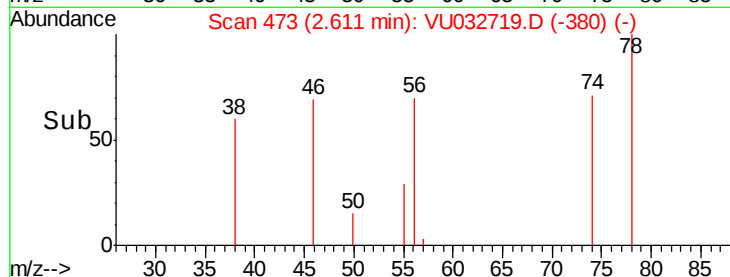
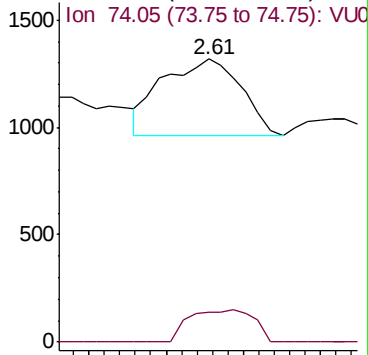
#15
Methyl Acetate
Concen: 0.138 ug/L
RT: 2.61 min Scan# 473
Delta R.T. -0.00 min
Lab File: VU032719.D
Acq: 14 Jun 2019 01:29

Instrument :
MSVOA_U
ClientSampled :
COM55

Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
74 34.5 17.8 26.8#

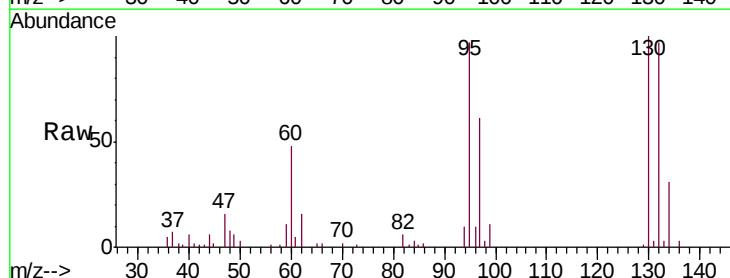


Abundance Ion 43.05 (42.75 to 43.75): VU032697.D (-459) (-)

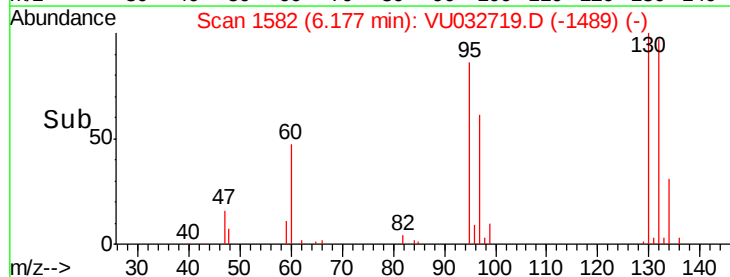
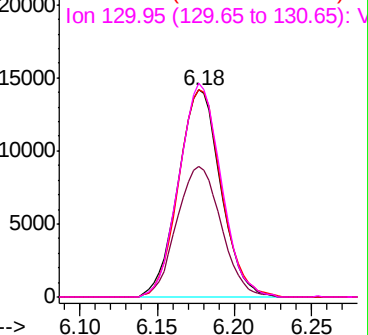


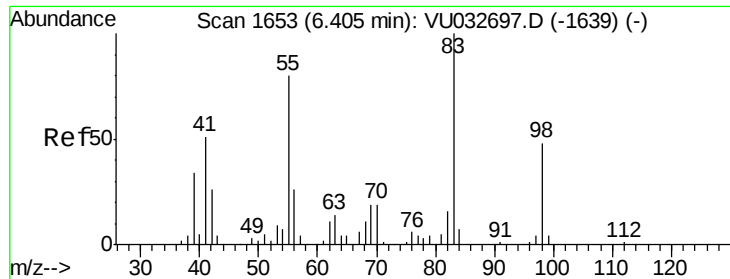
#34
Trichloroethene
Concen: 3.555 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032719.D
Acq: 14 Jun 2019 01:29

Tgt Ion: 95 Resp: 27138
Ion Ratio Lower Upper
95 100
97 62.9 44.1 81.9
132 100.2 68.8 127.8
130 103.1 71.0 131.8



Abundance Ion 95.00 (94.70 to 95.70): VU032697.D (-1568) (-)

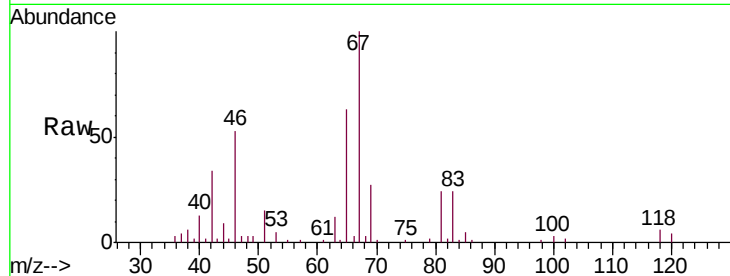




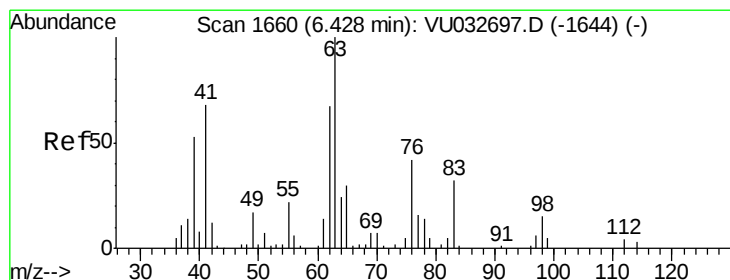
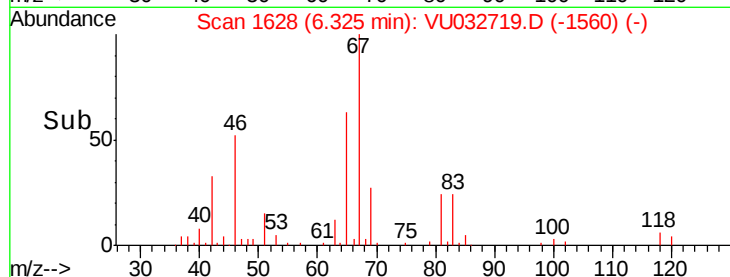
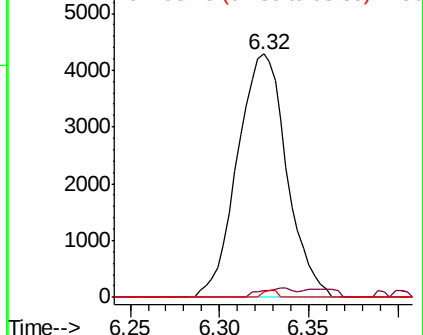
#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032719.D
Acq: 14 Jun 2019 01:29

Instrument :
MSVOA_U
ClientSampleId :
COM55

Tgt Ion: 83 Resp: 8237
Ion Ratio Lower Upper
83 100
55 2.7 60.0 90.0#
98 0.8 37.8 56.8#

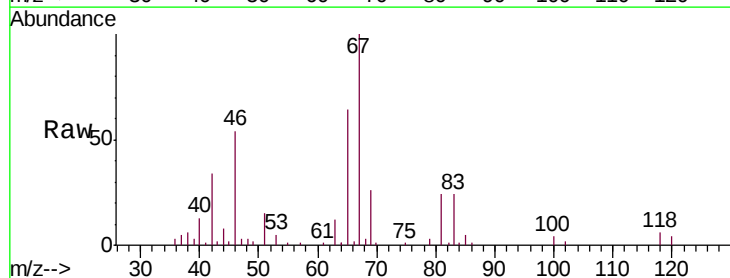


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

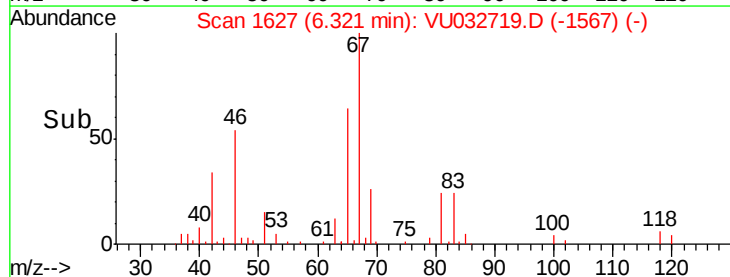
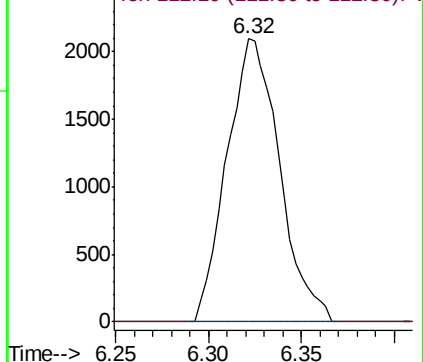


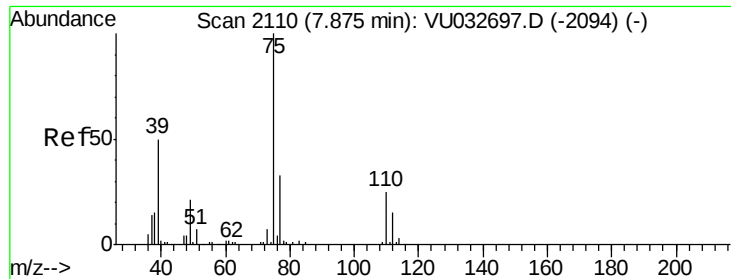
#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032719.D
Acq: 14 Jun 2019 01:29

Tgt Ion: 63 Resp: 4146
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.84 min Scan# 2099

Delta R.T. -0.04 min

Lab File: VU032719.D

Acq: 14 Jun 2019 01:29

Instrument :

MSVOA_U

ClientSampleId :

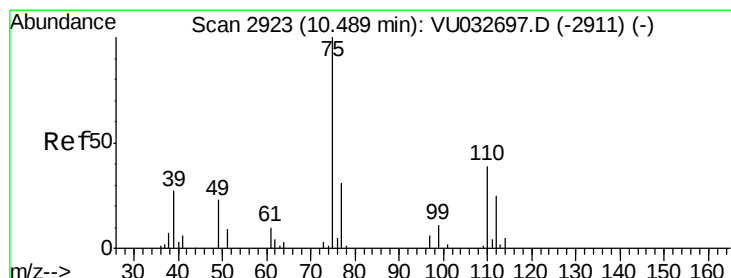
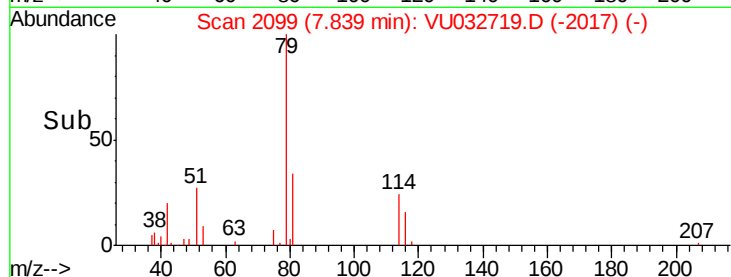
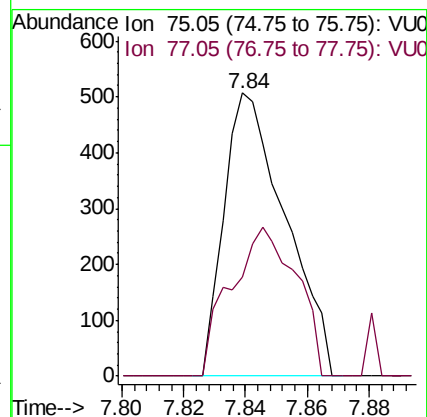
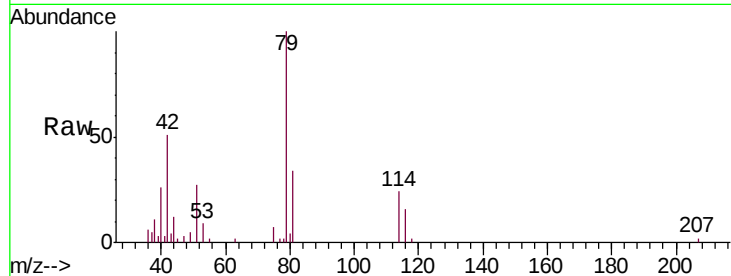
C0M55

Tgt Ion: 75 Resp: 699

Ion Ratio Lower Upper

75 100

77 34.9 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 1.372 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032719.D

Acq: 14 Jun 2019 01:29

Tgt Ion: 75 Resp: 6187

Ion Ratio Lower Upper

75 100

77 38.0 25.3 37.9#

