

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031339.D
 Acq On : 19 Apr 2019 06:03
 Operator : JC/SP
 Sample : K2451-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 19 07:53:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	221416	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	231493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94188	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.68	69	79277	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.27	63	139325	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.20	46	289153	60.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.18%
24) Chloroform-d	4.64	84	172719	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.31	65	94154	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.34	84	318500	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	105982	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.56	98	240801	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	32073	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.31	63	172523	45.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88006	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	86050	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

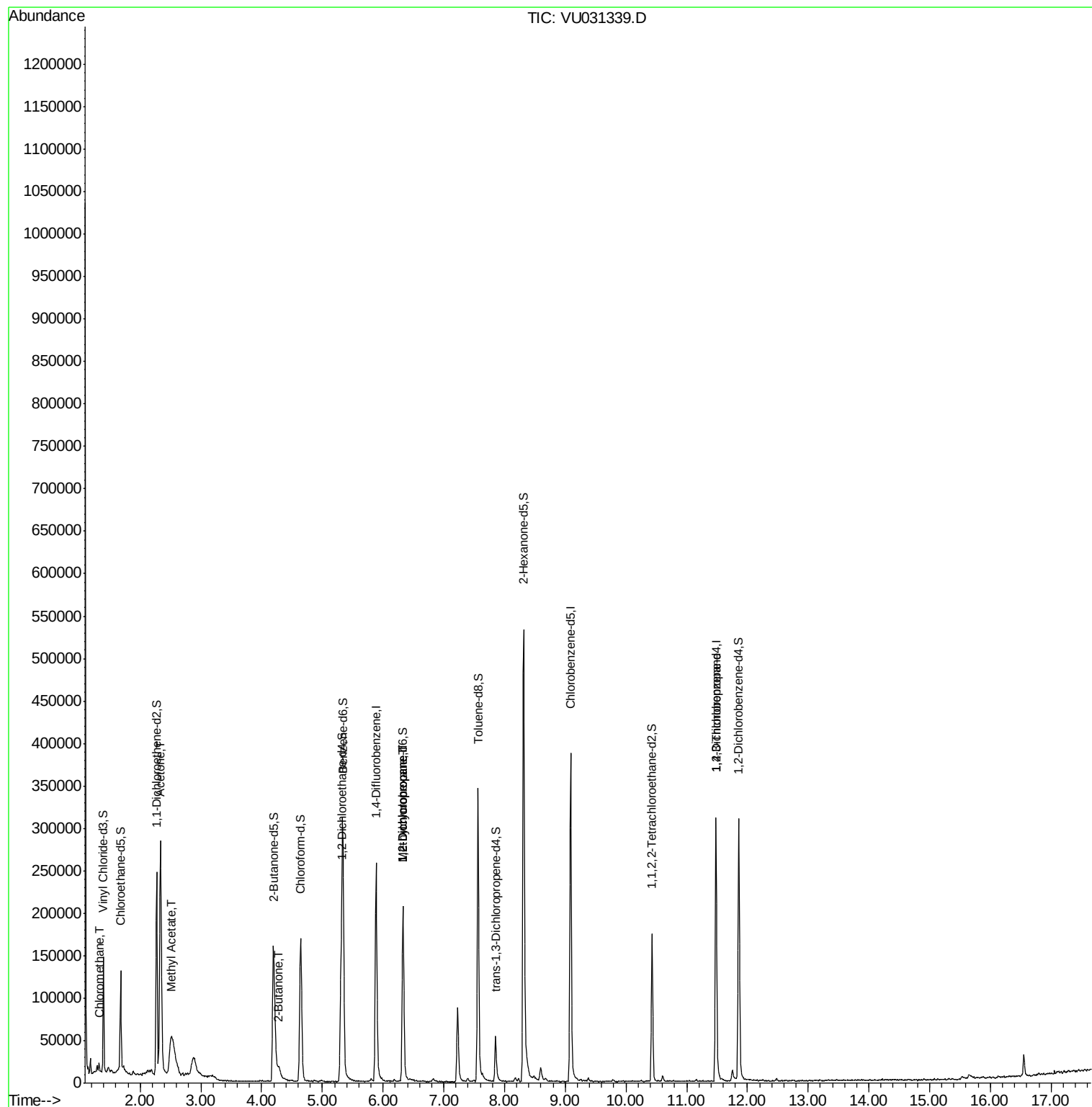
					Ovalue
3) Chloromethane	1.32	50	5510	0.160	ug/L 94
13) Acetone	2.33	43	363480	68.463	ug/L 98
15) Methyl Acetate	2.51	43	27046	1.864	ug/L # 60
21) 2-Butanone	4.29	43	9223	1.690	ug/L # 67
35) Methylcyclohexane	6.33	83	23620	0.808	ug/L # 15
37) 1,2-Dichloropropane	6.33	63	11996	0.579	ug/L # 87
59) 1,2,3-Trichloropropane	11.48	75	9329	0.690	ug/L # 87

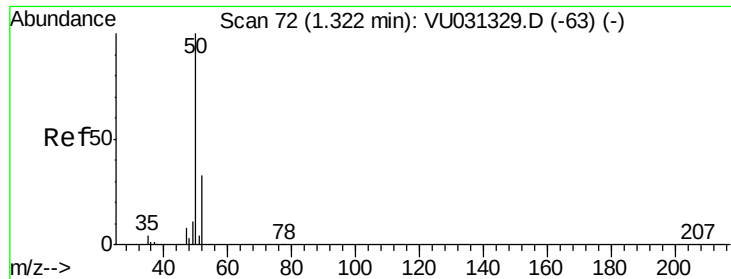
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031339.D

Acq: 19 Apr 2019 06:03

Instrument :

MSVOA_U

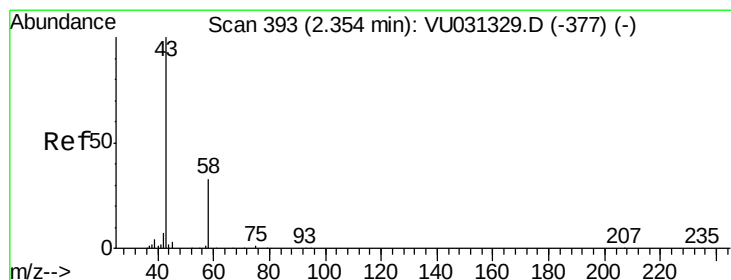
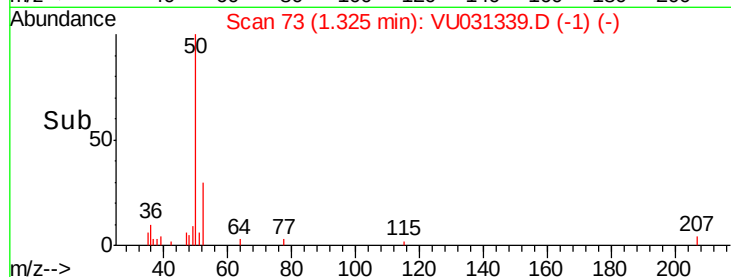
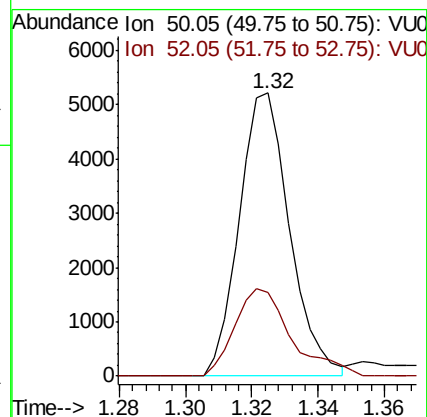
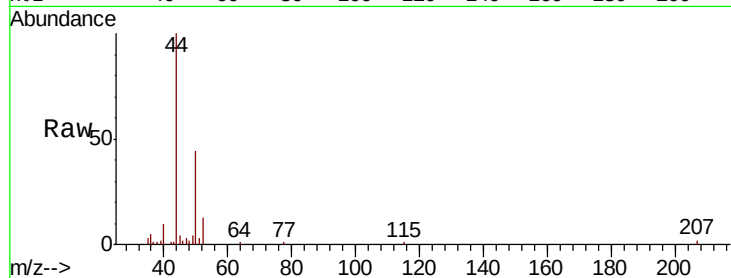
ClientSampleId :

Tot Ion: 50 Resp: 5510

Ion Ratio Lower Upper

50 100

52 29.6 23.2 43.2



#13

Acetone

Concen: 68.463 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU031339.D

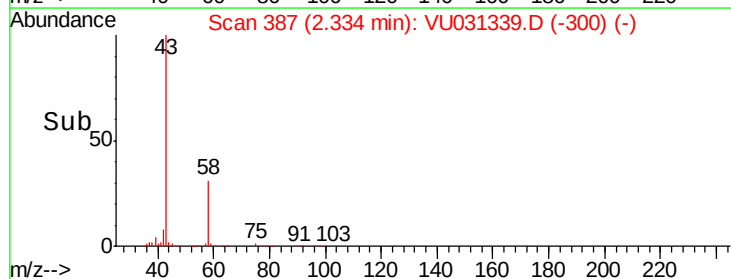
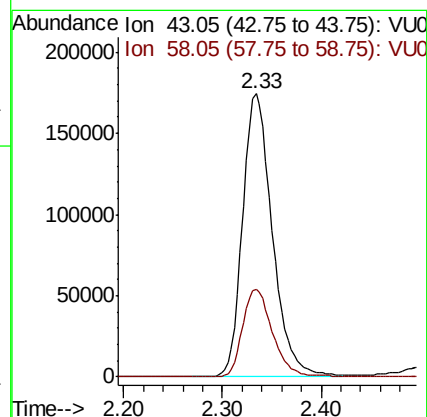
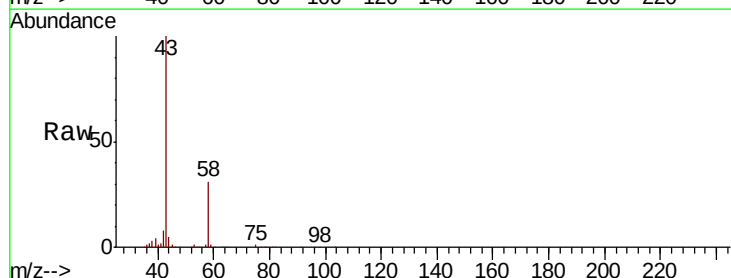
Acq: 19 Apr 2019 06:03

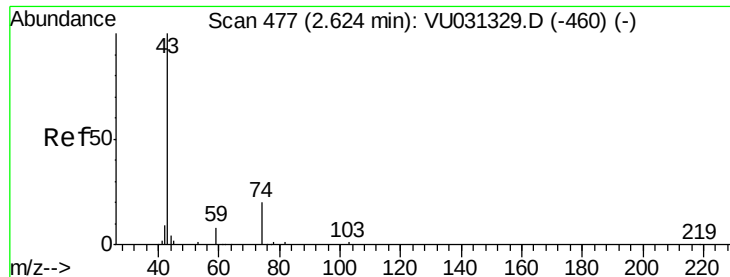
Tgt Ion: 43 Resp: 363480

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.4

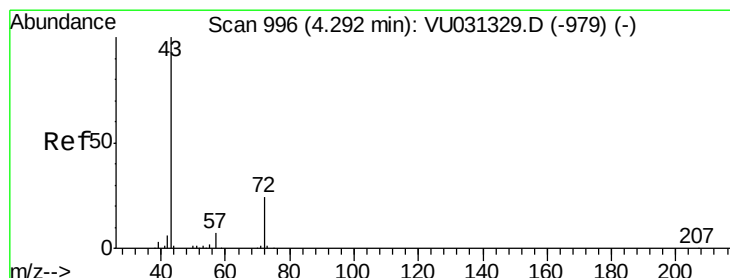
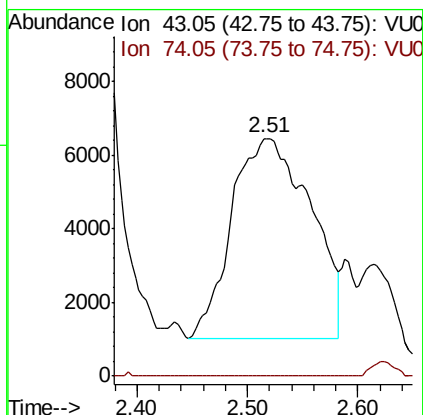
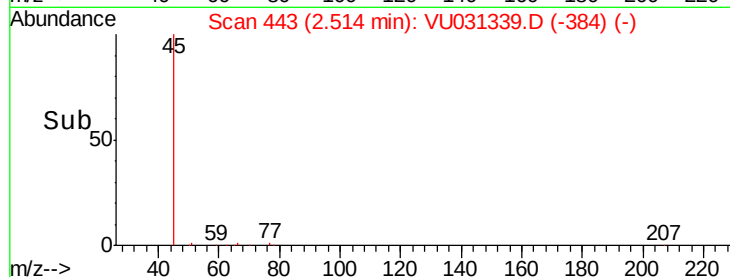
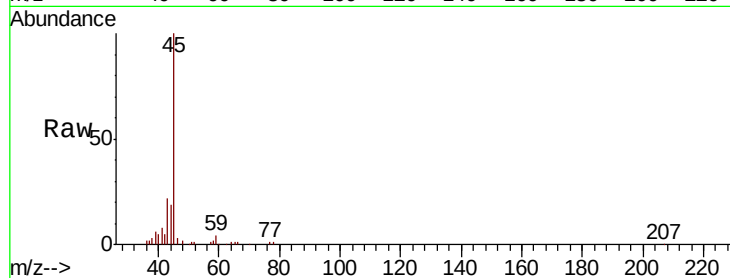




#15
Methvl Acetate
Concen: 1.864 ug/L
RT: 2.51 min Scan# 443
Delta R.T. -0.11 min
Lab File: VU031339.D
Acq: 19 Apr 2019 06:03

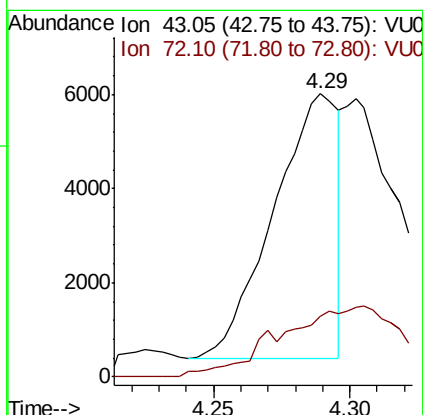
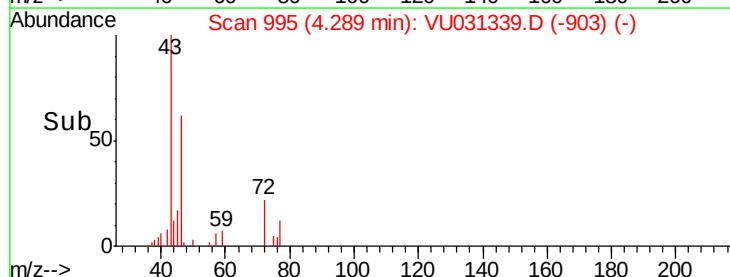
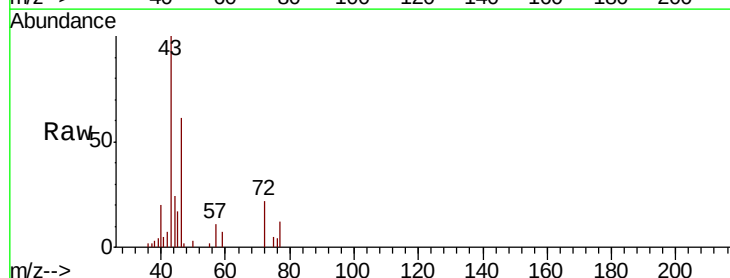
Instrument :
MSVOA_U
ClientSampleId :

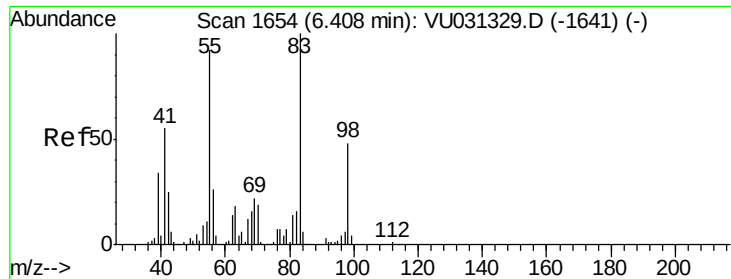
Tot Ion: 43 Resp: 27046
Ion Ratio Lower Upper
43 100
74 2.1 16.7 25.1#



#21
2-Butanone
Concen: 1.690 ug/L
RT: 4.29 min Scan# 995
Delta R.T. -0.00 min
Lab File: VU031339.D
Acq: 19 Apr 2019 06:03

Tgt Ion: 43 Resp: 9223
Ion Ratio Lower Upper
43 100
72 39.8 11.8 35.4#

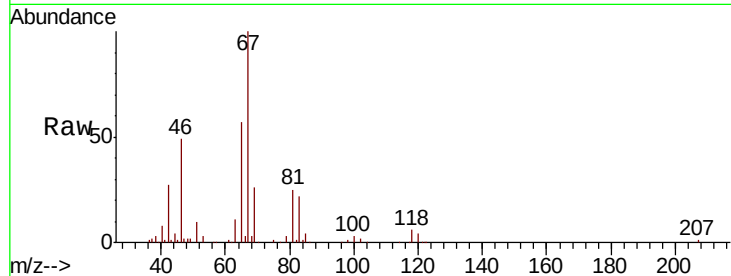




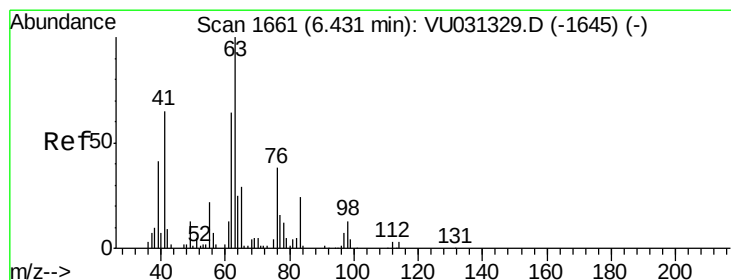
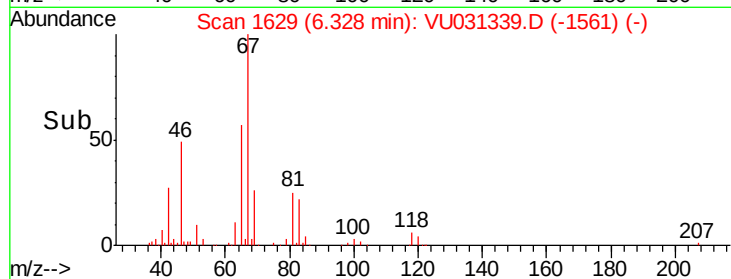
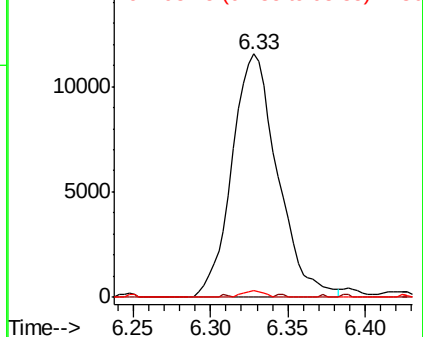
#35
Methylvlcyclohexane
Concen: 0.808 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031339.D
Acq: 19 Apr 2019 06:03

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 23620
Ion Ratio Lower Upper
83 100
55 0.2 70.6 105.8#
98 1.2 37.0 55.4#

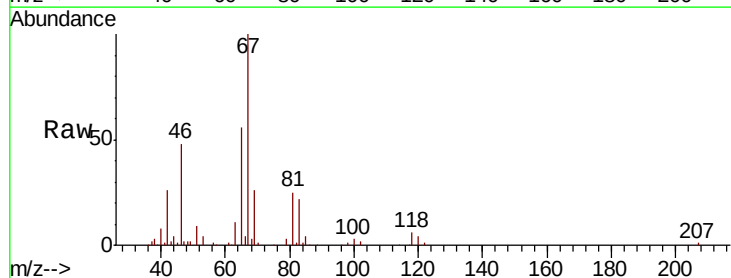


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

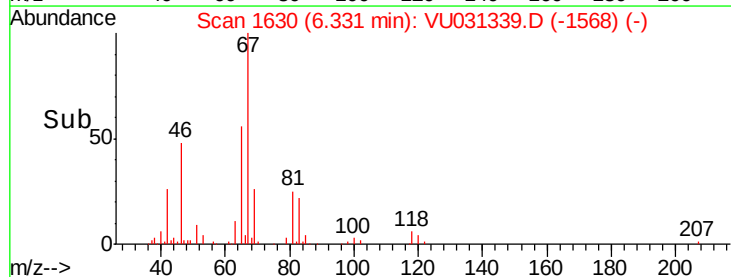
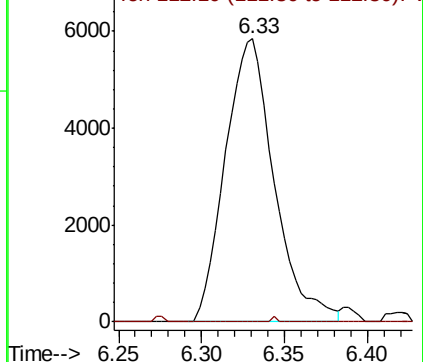


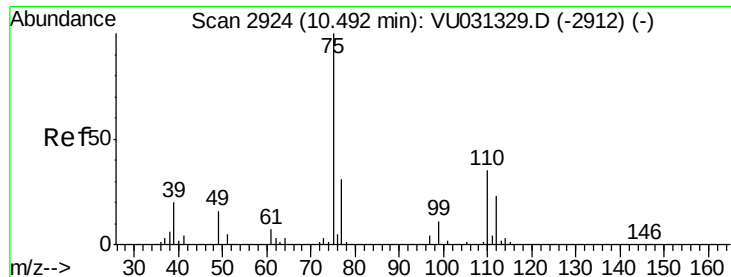
#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU031339.D
Acq: 19 Apr 2019 06:03

Tgt Ion: 63 Resp: 11996
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#



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





#59

1,2,3-Trichloropropane

Concen: 0.690 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031339.D

Acq: 19 Apr 2019 06:03

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9329

Ion Ratio Lower Upper

75 100

77 41.2 27.0 40.6#

