

Data File : VU032268.D
Acq On : 23 May 2019 14:50
Operator : JC/SP
Sample : K3018-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XH9

Quant Time: May 24 01:39:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 01:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	345537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360751	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142389	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96821	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.68	69	88442	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	144725	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.19	46	222430	40.64	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.28%
24) Chloroform-d	4.64	84	204709	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	97194	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
32) Benzene-d6	5.33	84	406971	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.33	67	115102	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.20%
41) Toluene-d8	7.56	98	333631	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	7.85	79	39469	3.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.80%
46) 2-Hexanone-d5	8.31	63	186393	38.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99986	3.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	60.60%#
64) 1,2-Dichlorobenzene-d4	11.85	152	122777	3.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.60%#

Target Compounds

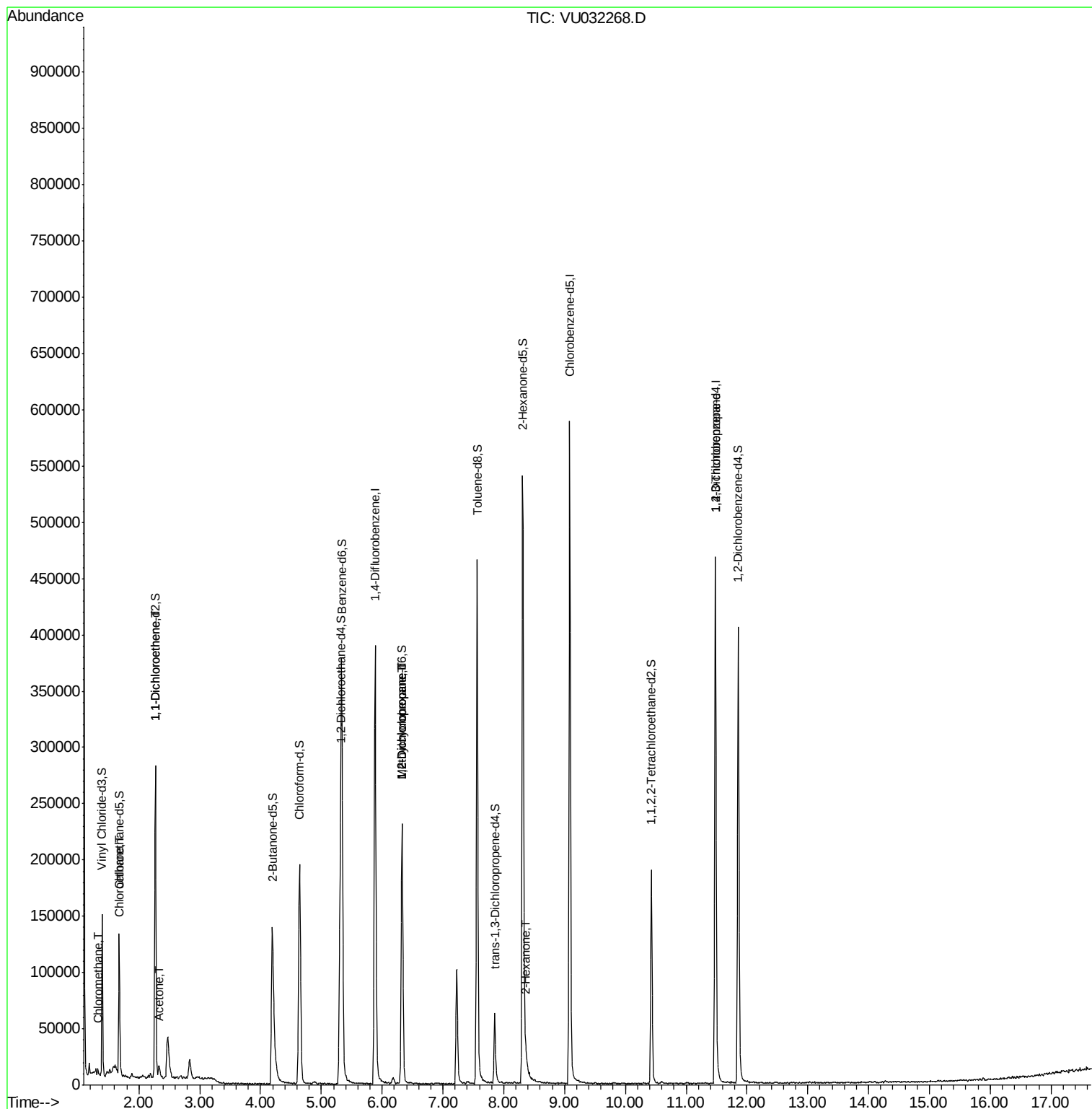
						Qvalue
3) Chloromethane	1.32	50	3654	0.247	ug/L	95
8) Chloroethane	1.69	64	847	0.089	ug/L #	70
12) 1,1-Dichloroethene	2.27	96	1657	0.135	ug/L #	1
13) Acetone	2.33	43	5991	3.533	ug/L	98
35) Methylcyclohexane	6.32	83	28581	1.482	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	12731	1.084	ug/L #	88
48) 2-Hexanone	8.37	43	5952	1.307	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	14506	1.896	ug/L	95

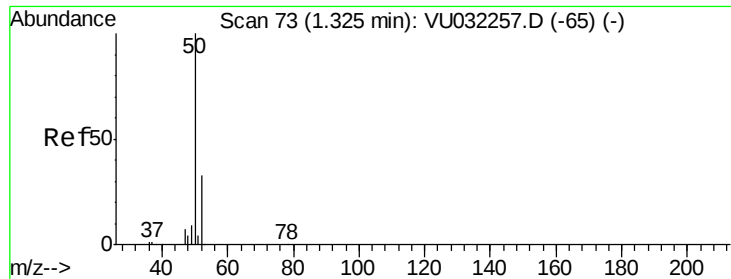
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.247 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032268.D

Acq: 23 May 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

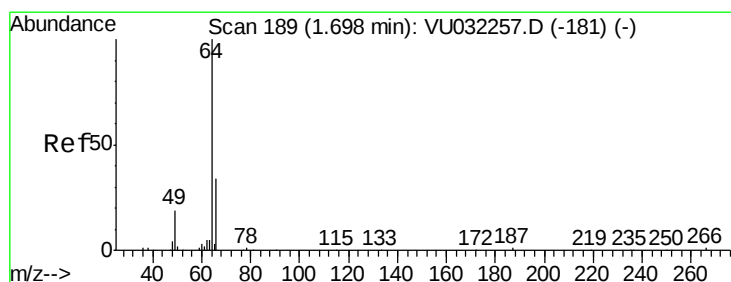
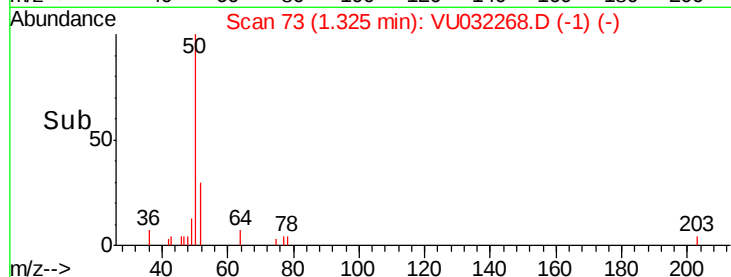
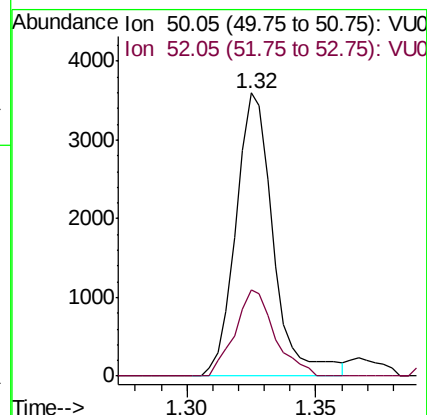
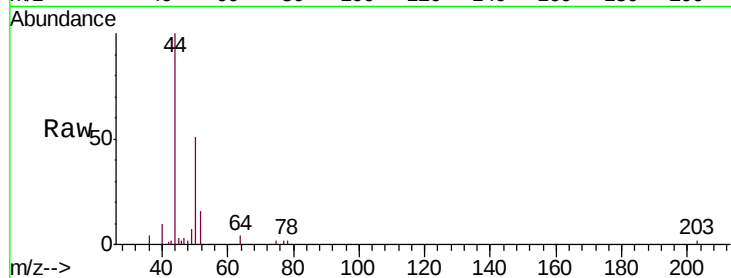
C0XH9

Tgt Ion: 50 Resp: 3654

Ion Ratio Lower Upper

50 100

52 30.5 23.3 43.3



#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.01 min

Lab File: VU032268.D

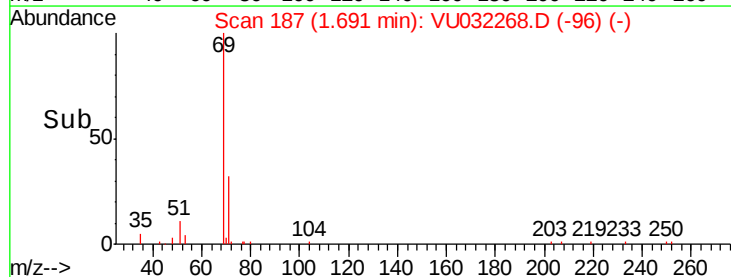
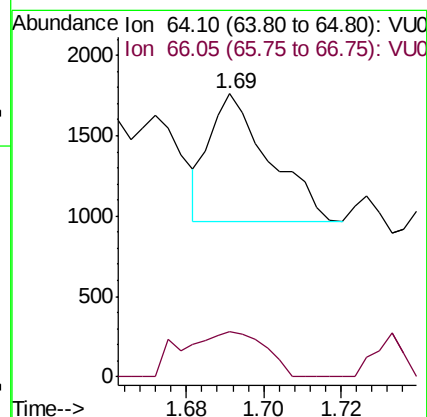
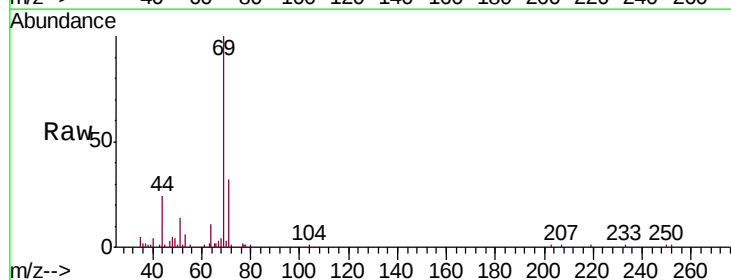
Acq: 23 May 2019 14:50

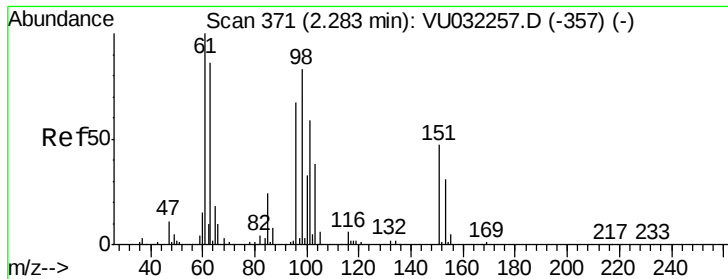
Tgt Ion: 64 Resp: 847

Ion Ratio Lower Upper

64 100

66 16.0 23.1 42.9#





#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032268.D

Acq: 23 May 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

C0XH9

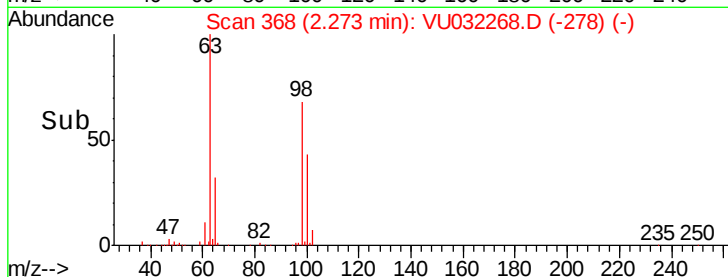
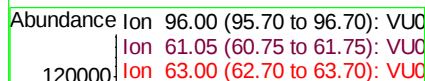
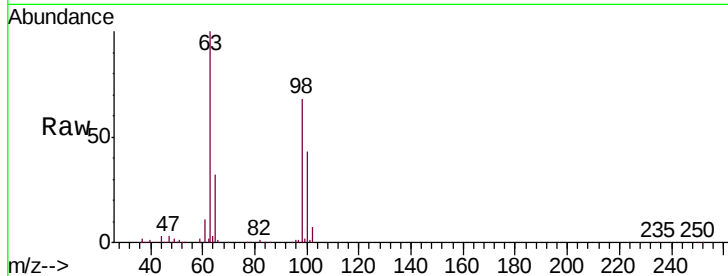
Tgt Ion: 96 Resp: 1657

Ion Ratio Lower Upper

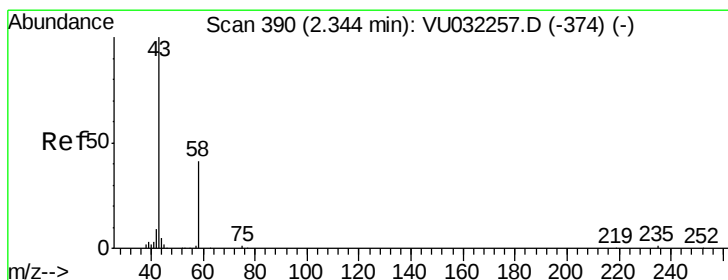
96 100

61 1128.5 113.8 211.3#

63 9843.1 108.8 202.2#



Time-->



#13

Acetone

Concen: 3.533 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU032268.D

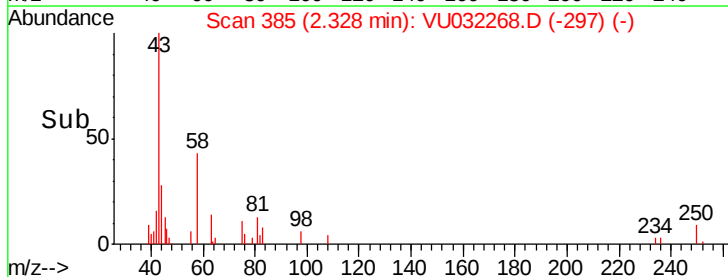
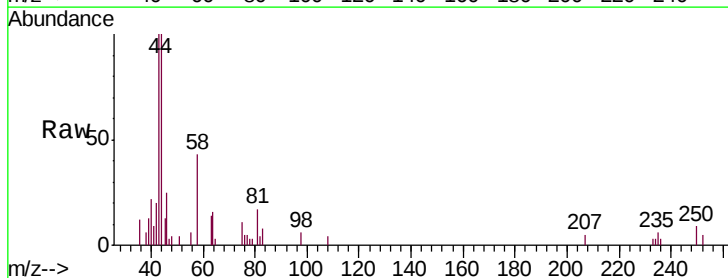
Acq: 23 May 2019 14:50

Tgt Ion: 43 Resp: 5991

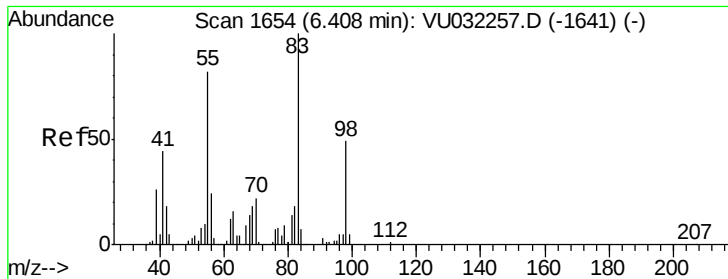
Ion Ratio Lower Upper

43 100

58 37.6 0.0 72.6



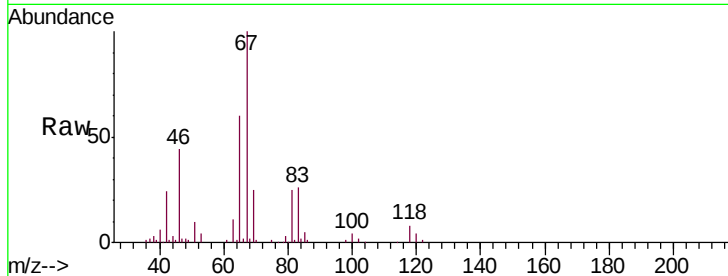
Time-->



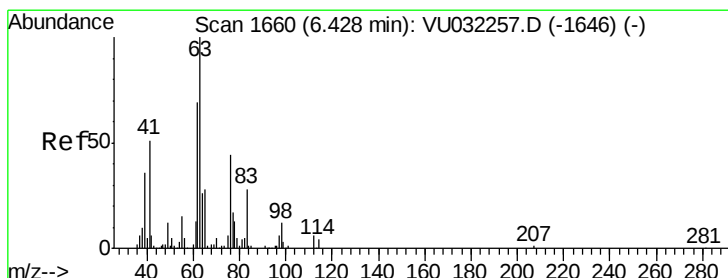
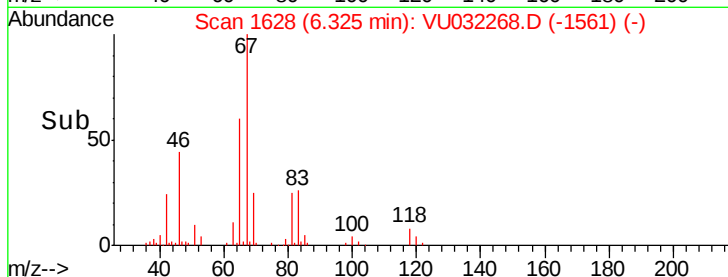
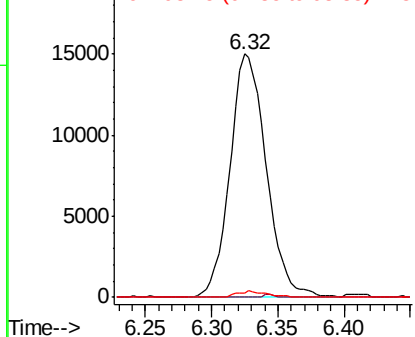
#35
Methylcyclohexane
Concen: 1.482 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032268.D
Acq: 23 May 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
C0XH9

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	2.1	37.5	56.3#

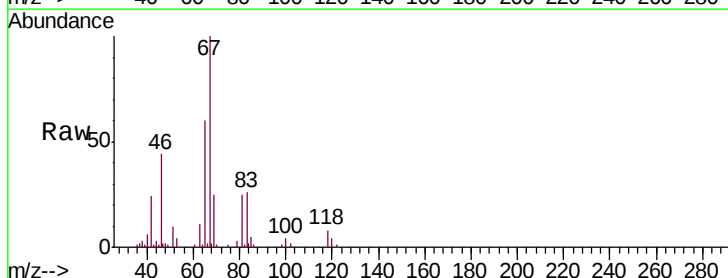


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

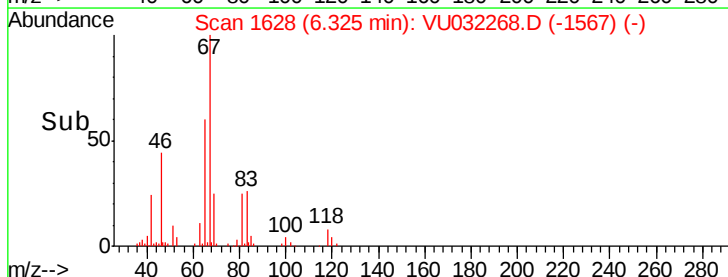
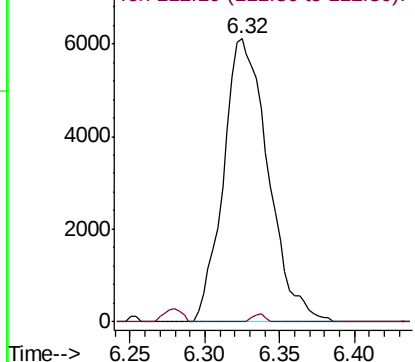


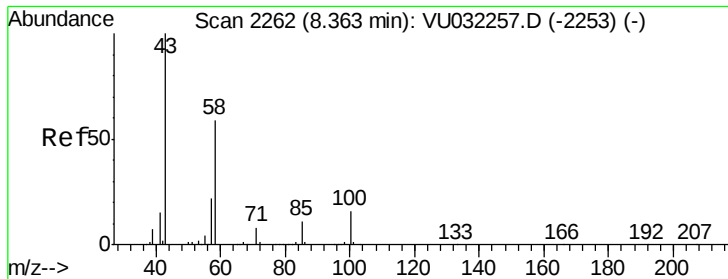
#37
1,2-Dichloropropane
Concen: 1.084 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032268.D
Acq: 23 May 2019 14:50

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.8	5.8#



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

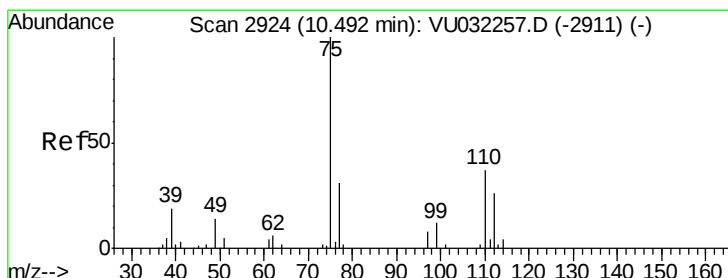
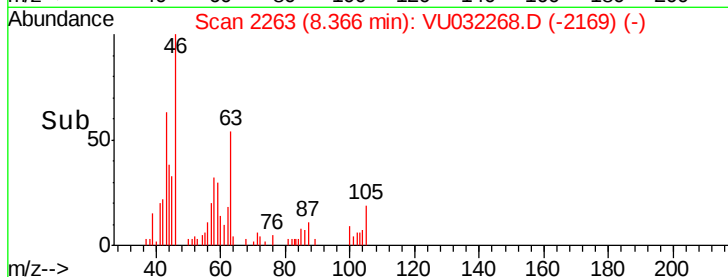
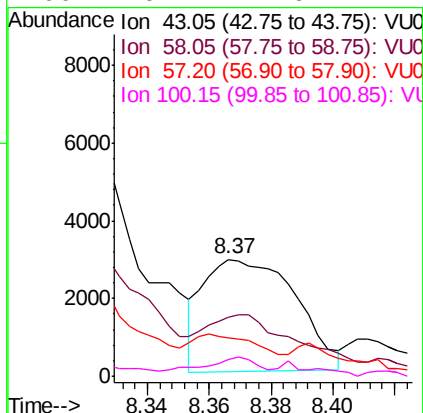
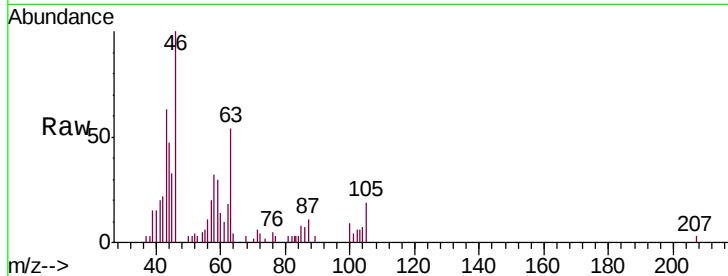




#48
 2-Hexanone
 Concen: 1.307 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032268.D
 Acq: 23 May 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XH9

Tgt Ion: 43 Resp: 5952
 Ion Ratio Lower Upper
 43 100
 58 57.2 49.7 74.5
 57 30.7 17.1 25.7#
 100 6.7 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.896 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032268.D
 Acq: 23 May 2019 14:50

Tgt Ion: 75 Resp: 14506
 Ion Ratio Lower Upper
 75 100
 77 38.4 28.2 42.4

