

Data File : VU032057.D
Acq On : 16 May 2019 18:35
Operator : JC/SP
Sample : K2739-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 17 07:22:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	403510	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	408835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	159019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157666	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.67	69	148251	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	223357	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.19	46	326149	48.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	4.64	84	289996	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	150100	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.33	84	609294	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	178093	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.56	98	505876	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.85	79	56327	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.31	63	294559	49.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146576	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	180432	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

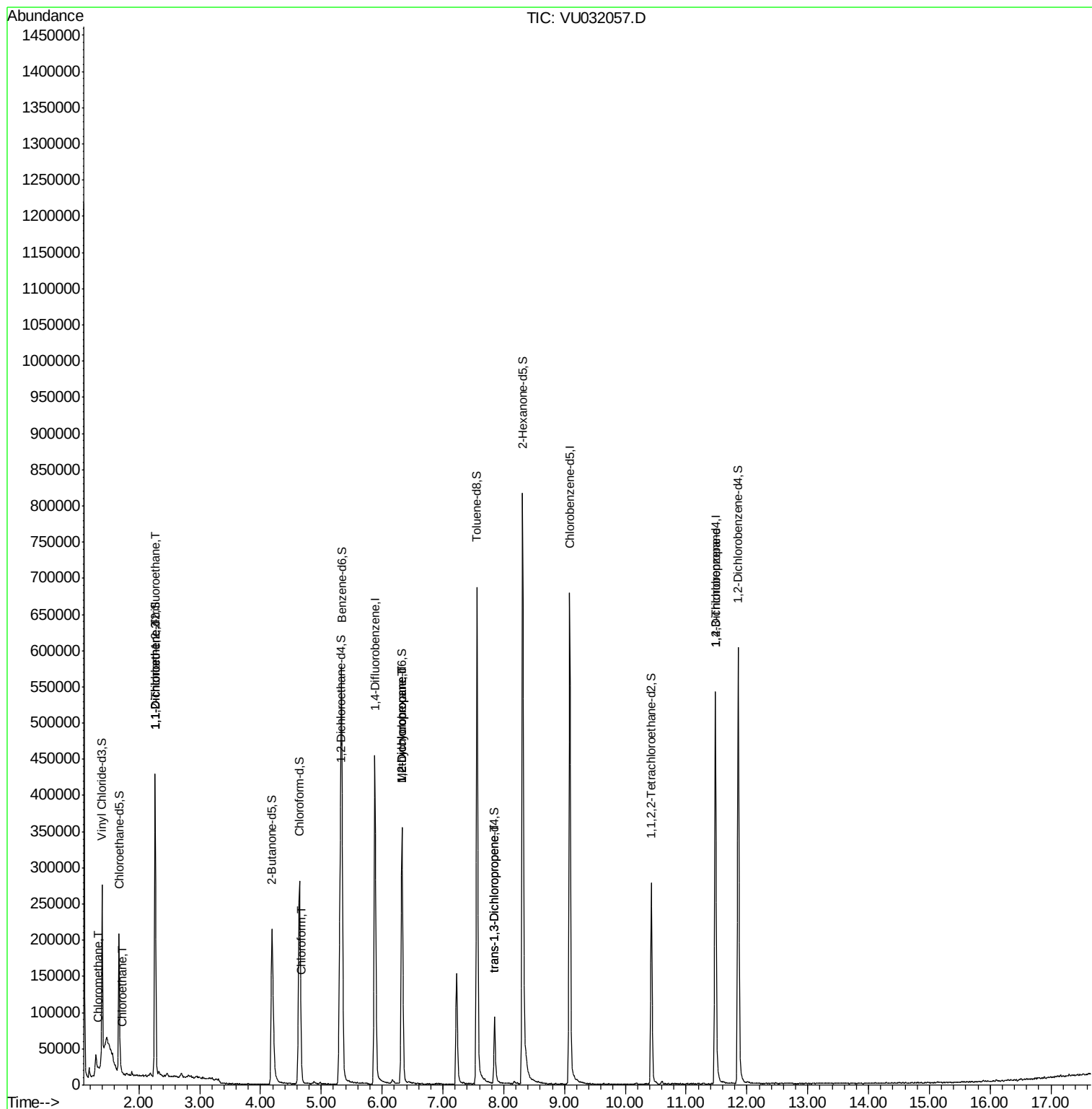
					Qvalue
3) Chloromethane	1.33	50	2707	0.140 ug/L	88
8) Chloroethane	1.73	64	2228	0.176 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2673	0.161 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2135	0.132 ug/L #	1
25) Chloroform	4.68	83	5987	0.203 ug/L	82
35) Methylcyclohexane	6.33	83	44670	1.822 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	18202	1.186 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	2490	0.151 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	17782	1.824 ug/L	95

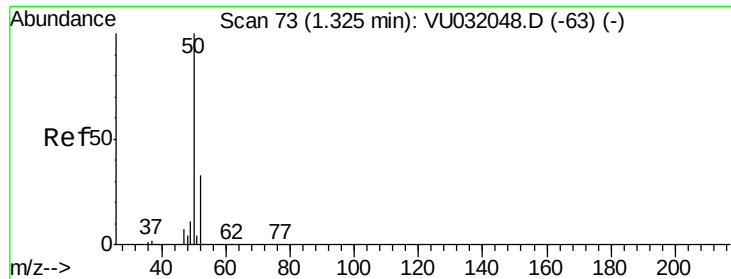
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.140 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

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Acq: 16 May 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

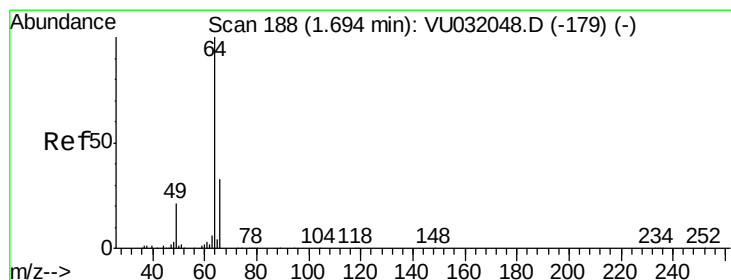
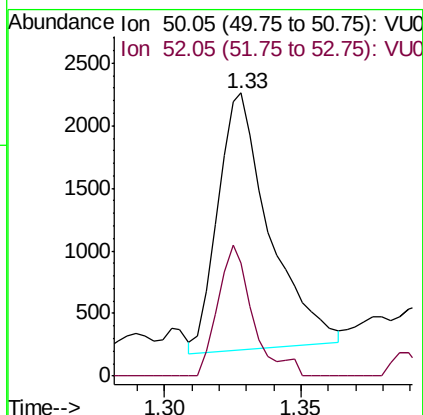
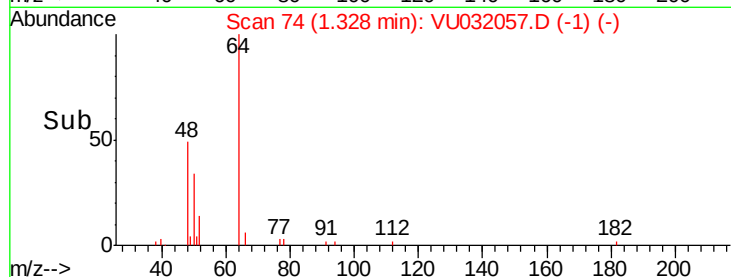
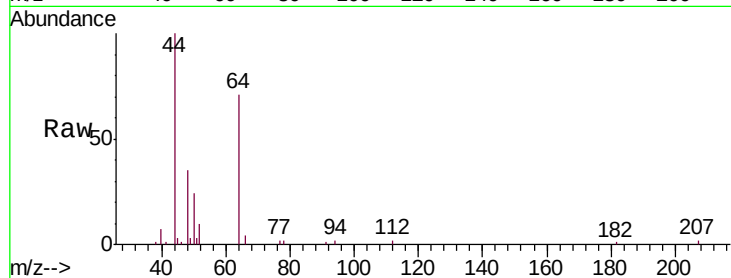
VHBLK01

Tgt Ion: 50 Resp: 2707

Ion Ratio Lower Upper

50 100

52 39.9 23.2 43.0



#8

Chloroethane

Concen: 0.176 ug/L

RT: 1.73 min Scan# 198

Delta R.T. 0.03 min

Lab File: VU032057.D

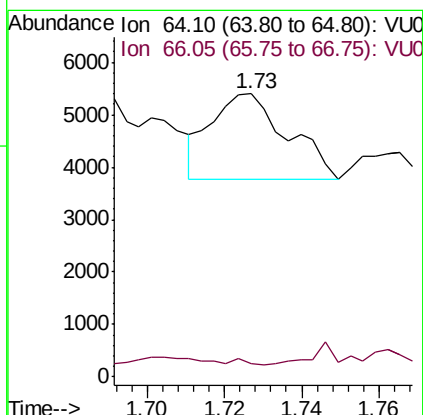
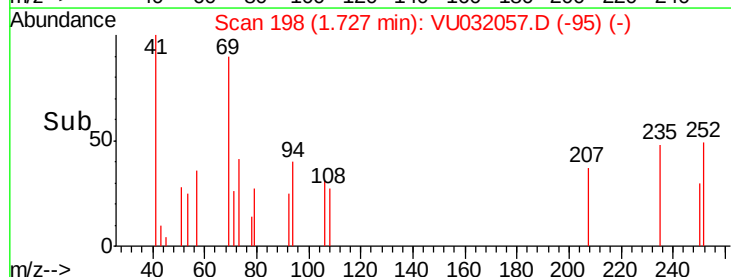
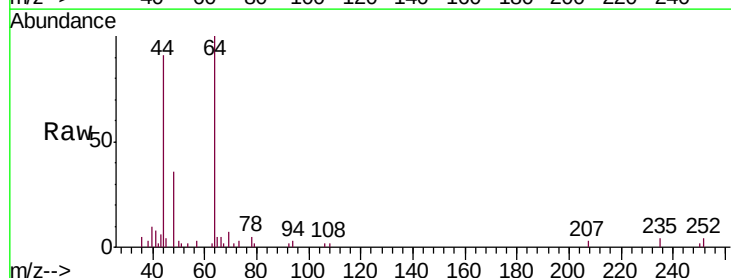
Acq: 16 May 2019 18:35

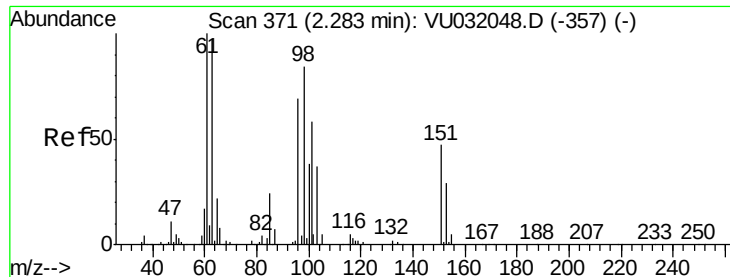
Tgt Ion: 64 Resp: 2228

Ion Ratio Lower Upper

64 100

66 4.6 22.0 41.0#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.161 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032057.D

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Instrument :

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ClientSampleId :

VHBLK01

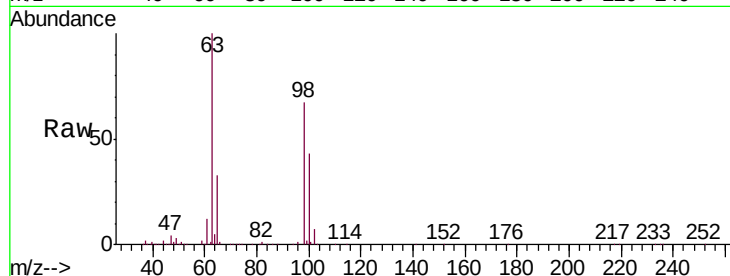
Tgt Ion: 101 Resp: 2673

Ion Ratio Lower Upper

101 100

85 1.8 33.8 50.8#

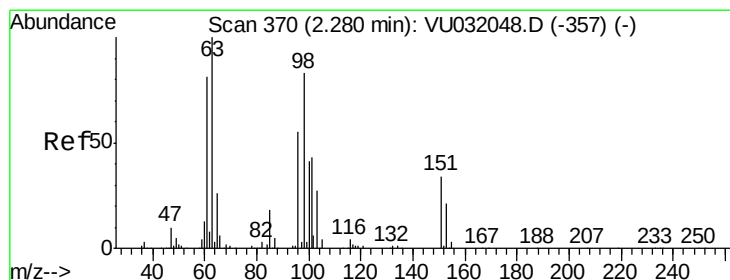
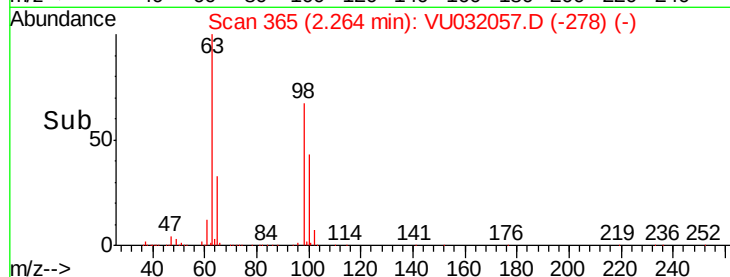
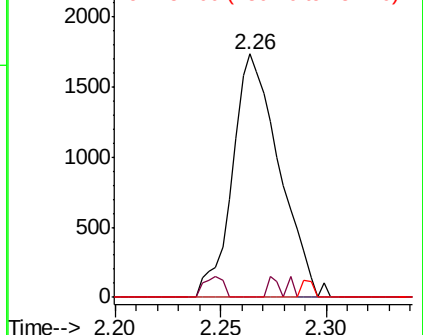
151 1.7 59.4 89.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.132 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032057.D

Acq: 16 May 2019 18:35

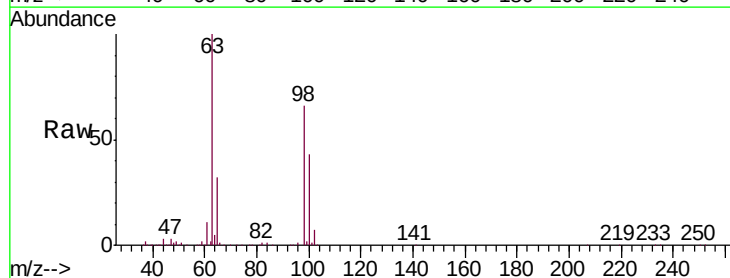
Tgt Ion: 96 Resp: 2135

Ion Ratio Lower Upper

96 100

61 1099.7 111.7 207.5#

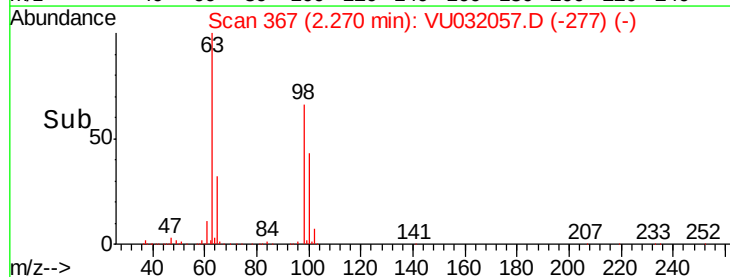
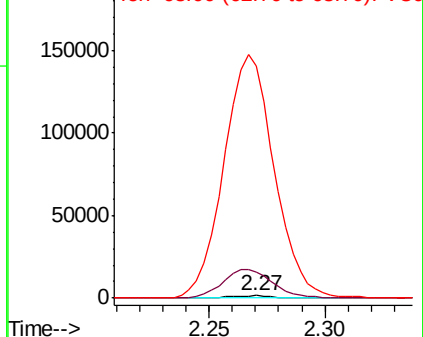
63 9771.2 152.2 282.6#

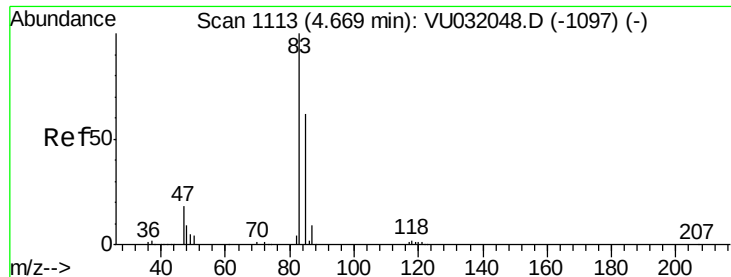


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

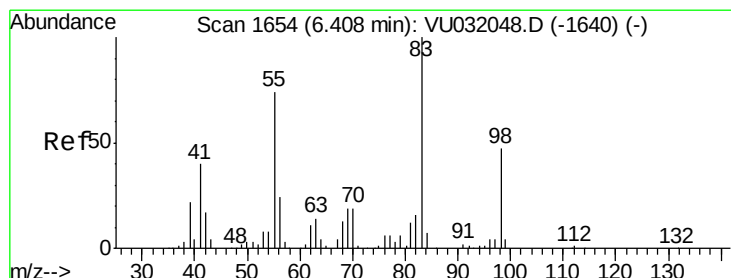
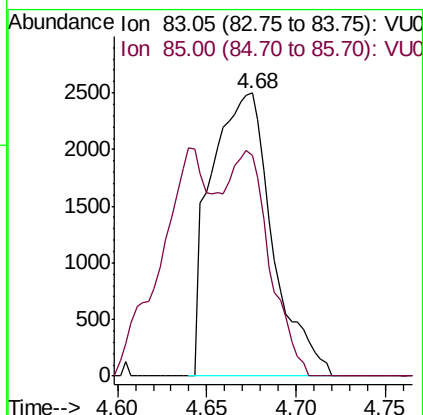
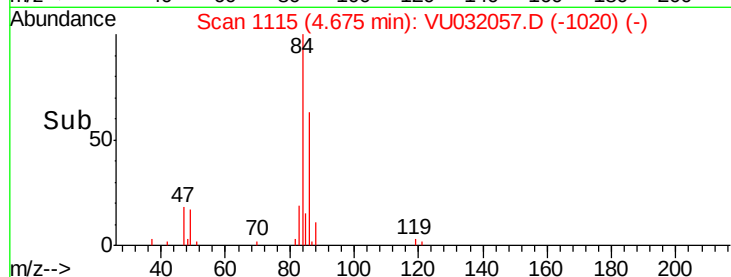
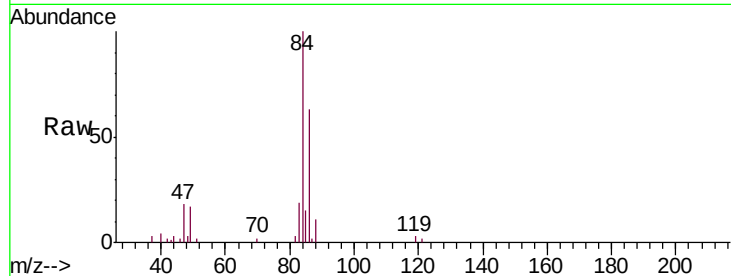




#25
Chloroform
Concen: 0.203 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU032057.D
Acq: 16 May 2019 18:35

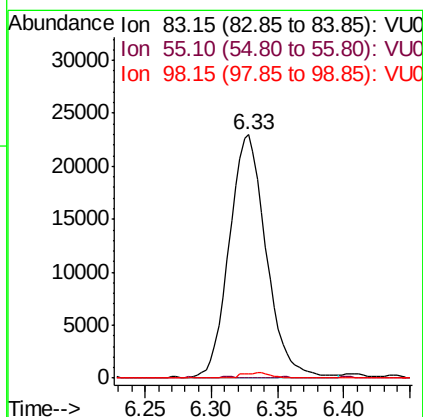
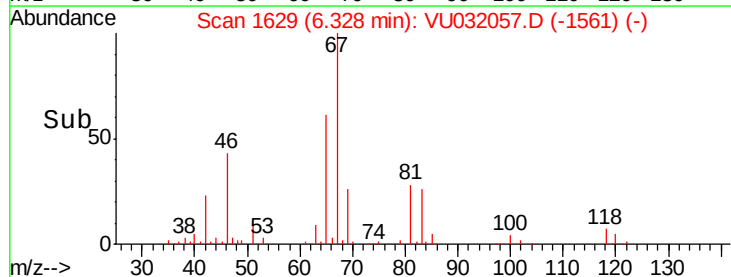
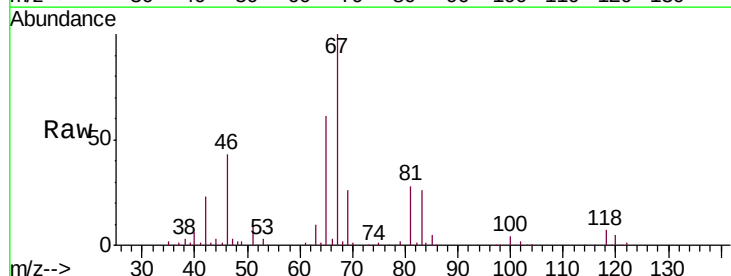
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

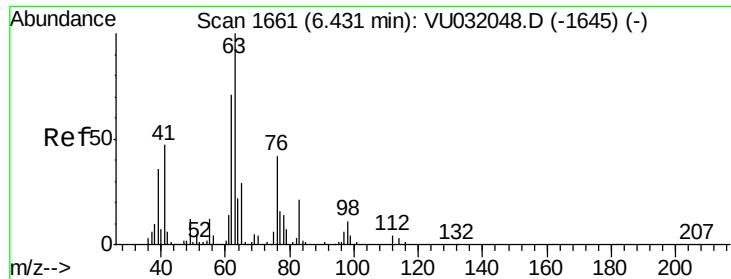
Tgt Ion: 83 Resp: 5987
Ion Ratio Lower Upper
83 100
85 78.0 44.9 83.3



#35
Methylcyclohexane
Concen: 1.822 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032057.D
Acq: 16 May 2019 18:35

Tgt Ion: 83 Resp: 44670
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.6 36.8 55.2#

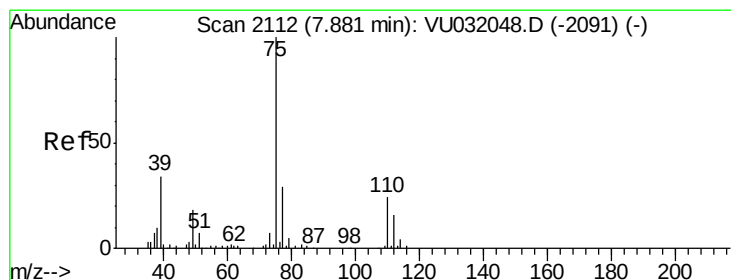
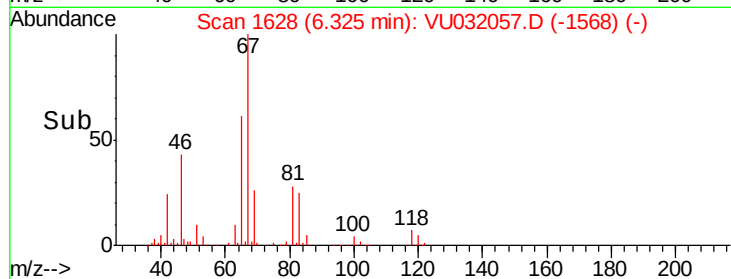
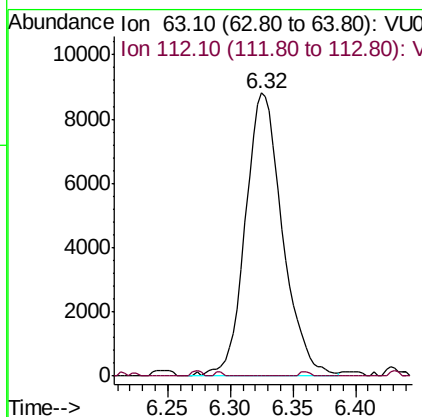
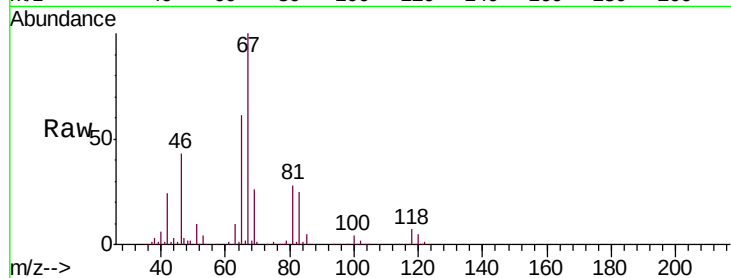




#37
 1,2-Dichloropropane
 Concen: 1.186 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032057.D
 Acq: 16 May 2019 18:35

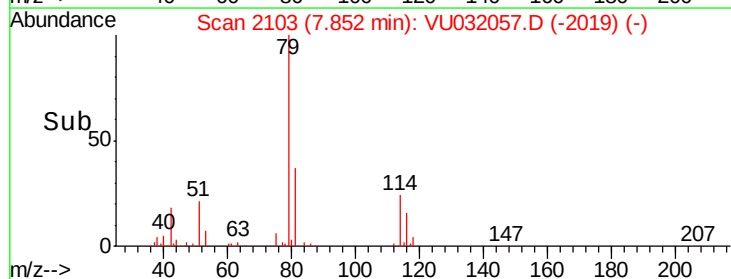
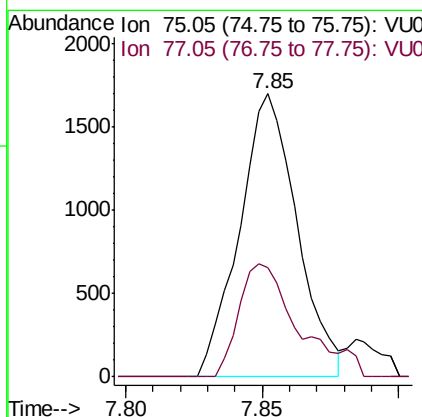
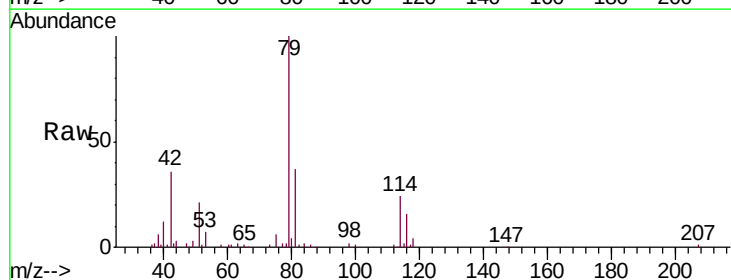
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

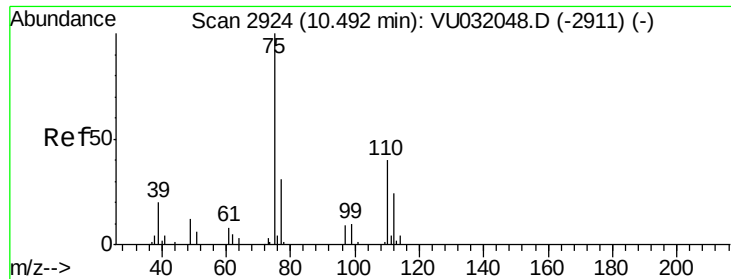
Tgt Ion: 63 Resp: 18202
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.151 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU032057.D
 Acq: 16 May 2019 18:35

Tgt Ion: 75 Resp: 2490
 Ion Ratio Lower Upper
 75 100
 77 38.6 21.0 39.0





#59
 1,2,3-Trichloropropane
 Concen: 1.824 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032057.D
 Acq: 16 May 2019 18:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 17782
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.2 39.2

