

Data File : VU032161.D
Acq On : 20 May 2019 17:49
Operator : JC/SP
Sample : K2860-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 21 08:33:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	355781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	372973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	146564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104823	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.68	69	100204	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.27	63	148821	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.20	46	288711	49.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.14%
24) Chloroform-d	4.64	84	228453	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.31	65	121289	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.33	84	449728	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.33	67	136084	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.56	98	360528	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	7.85	79	45231	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.31	63	249583	46.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122574	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	142840	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

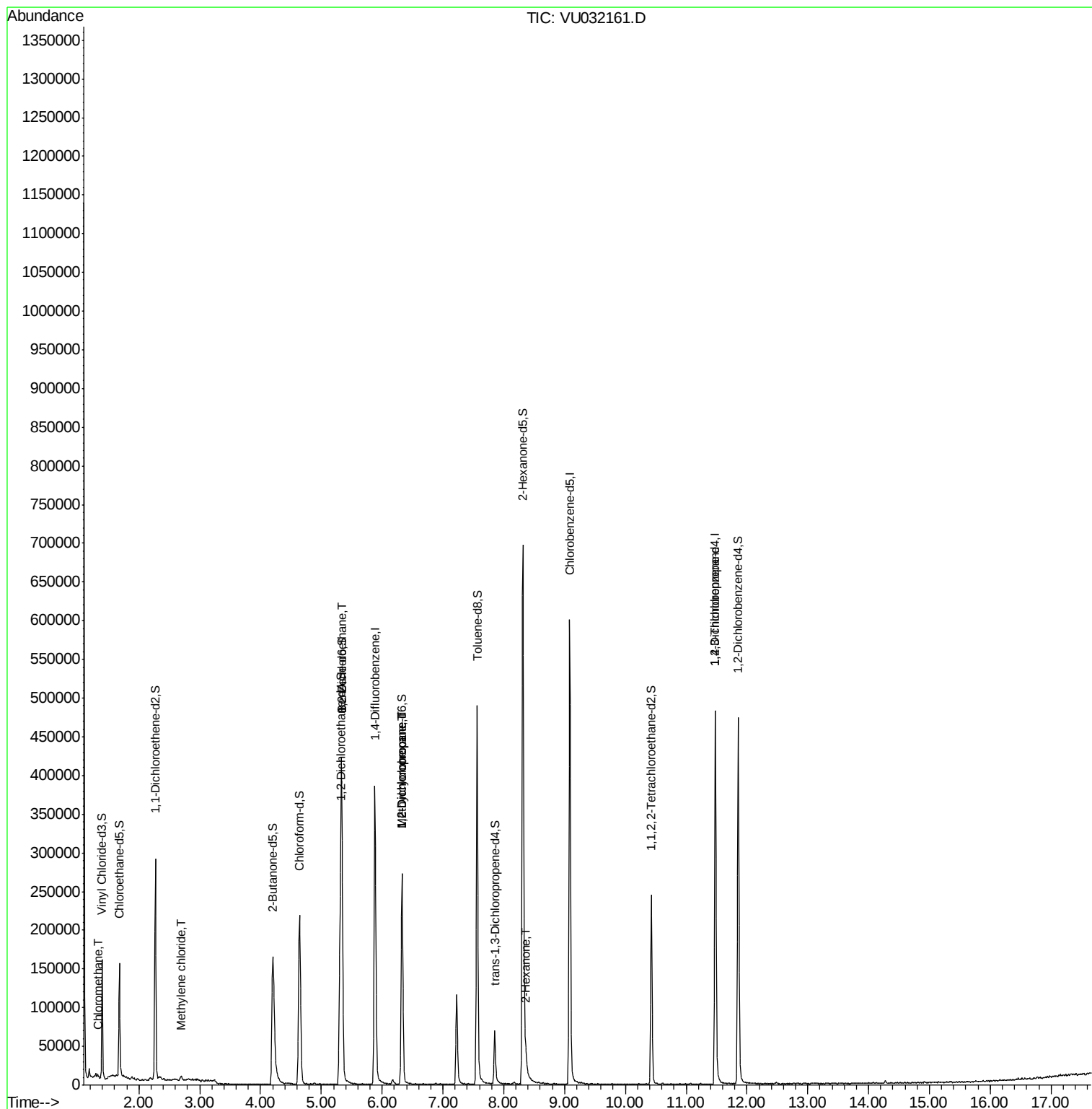
					Qvalue
3) Chloromethane	1.32	50	2528	0.148 ug/L #	78
16) Methylene chloride	2.70	84	2232	0.131 ug/L #	84
27) 1,2-Dichloroethane	5.33	62	1834	0.122 ug/L #	73
35) Methylcyclohexane	6.32	83	34749	1.553 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14031	1.002 ug/L #	90
48) 2-Hexanone	8.37	43	11601	2.304 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	15682	1.763 ug/L	97

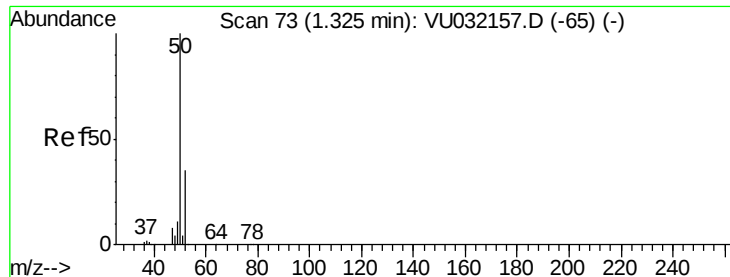
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.148 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032161.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

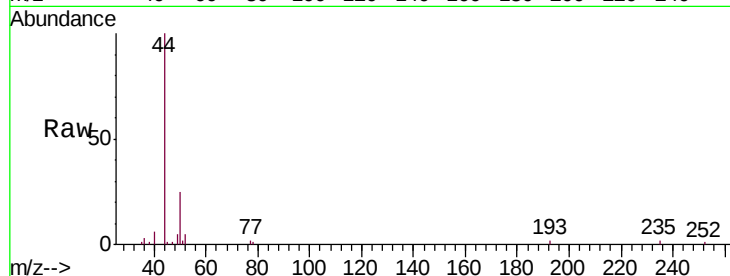
VHBLK01

Tgt Ion: 50 Resp: 2528

Ion Ratio Lower Upper

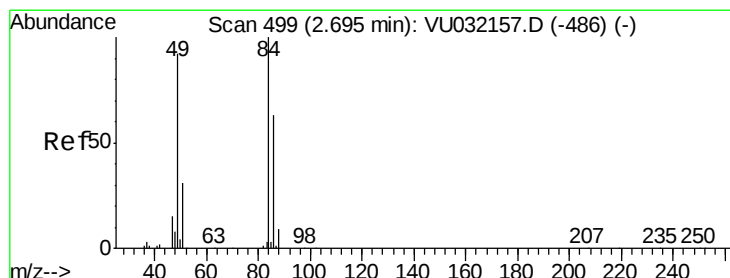
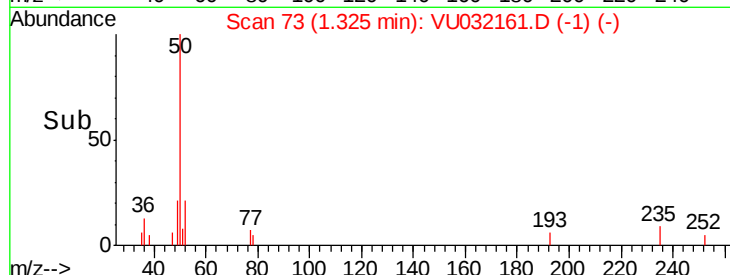
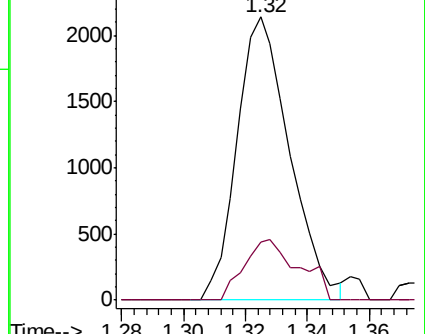
50 100

52 20.7 23.2 43.0#



Abundance Ion 50.05 (49.75 to 50.75): VU032157.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032157.D (-65) (-)



#16

Methylene chloride

Concen: 0.131 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032161.D

Acq: 20 May 2019 17:49

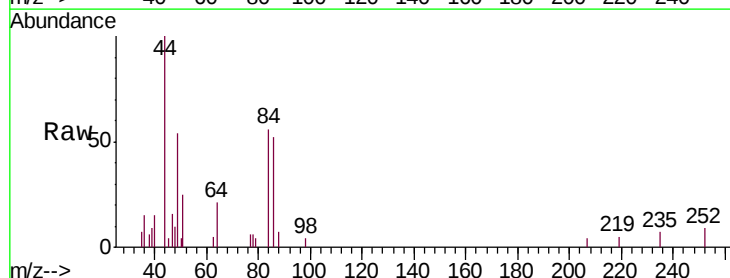
Tgt Ion: 84 Resp: 2232

Ion Ratio Lower Upper

84 100

86 92.3 43.1 80.1#

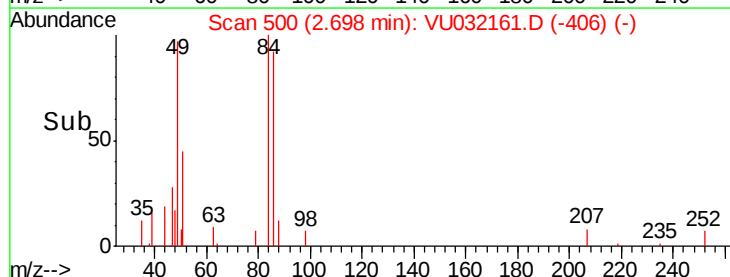
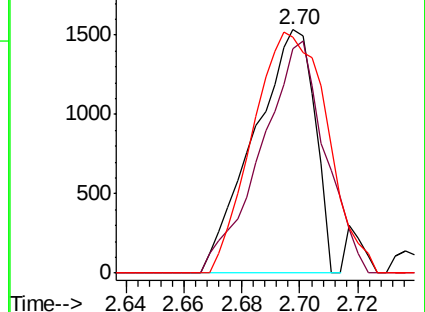
49 96.7 67.7 125.7

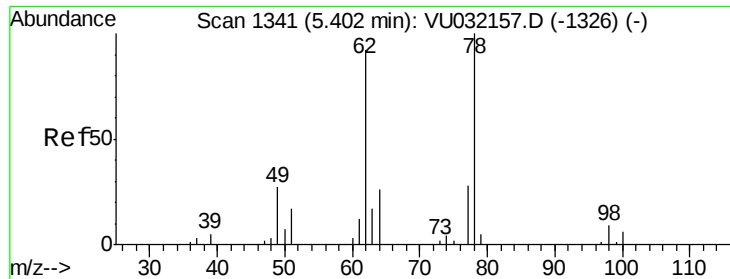


Abundance Ion 84.05 (83.75 to 84.75): VU032157.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU032157.D (-486) (-)

Ion 49.10 (48.80 to 49.80): VU032157.D (-486) (-)

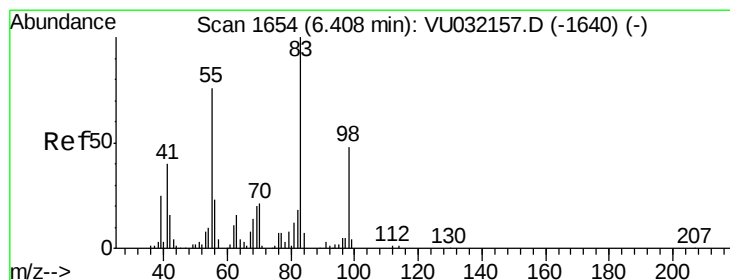
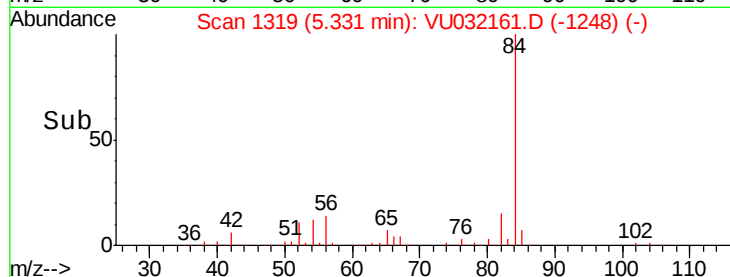
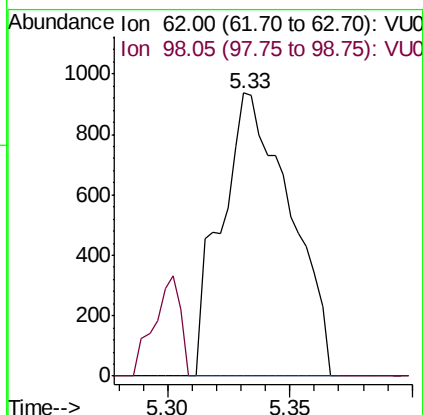
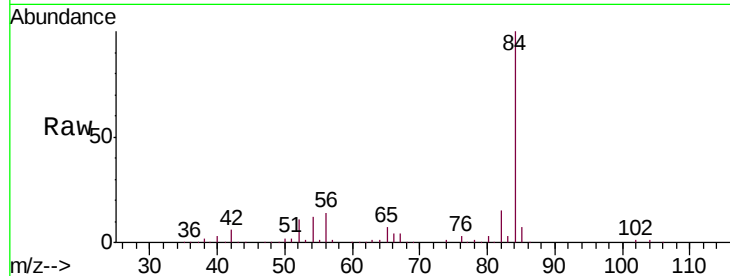




#27
 1,2-Dichloroethane
 Concen: 0.122 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032161.D
 Acq: 20 May 2019 17:49

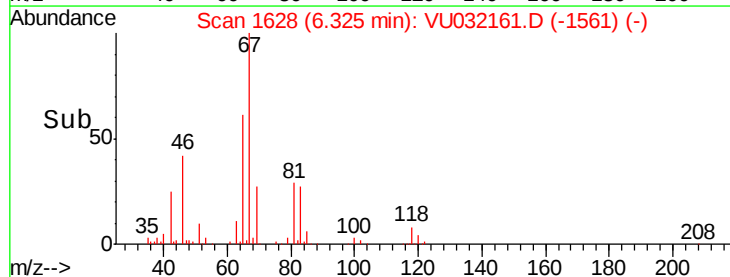
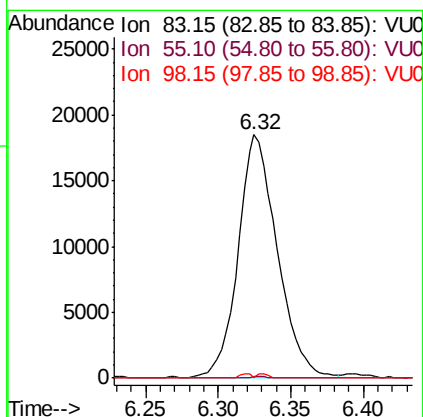
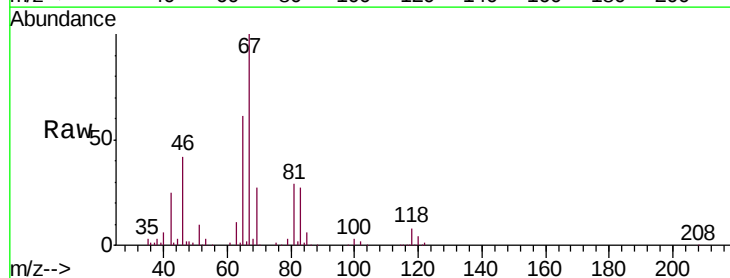
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

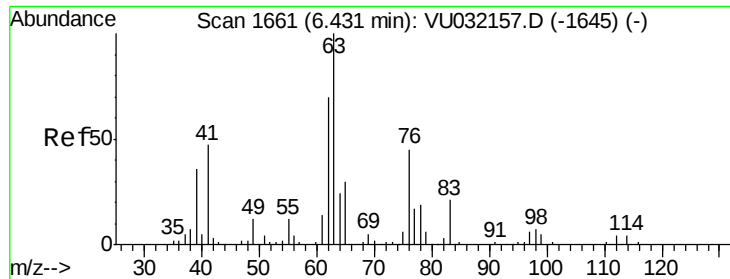
Tgt Ion: 62 Resp: 1834
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.0 12.0#



#35
 Methylcyclohexane
 Concen: 1.553 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032161.D
 Acq: 20 May 2019 17:49

Tgt Ion: 83 Resp: 34749
 Ion Ratio Lower Upper
 83 100
 55 0.2 59.7 89.5#
 98 0.5 36.8 55.2#

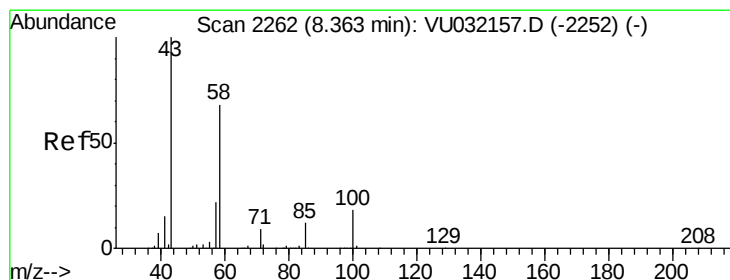
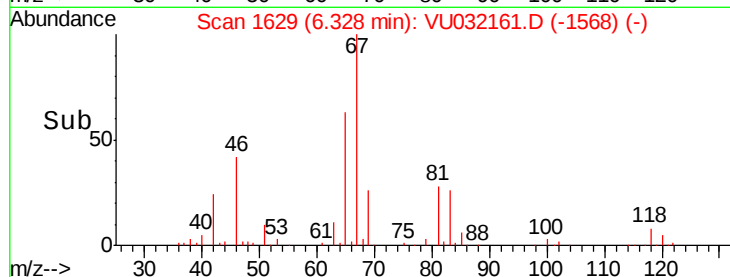
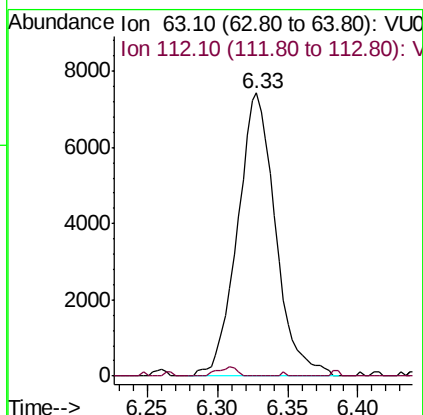
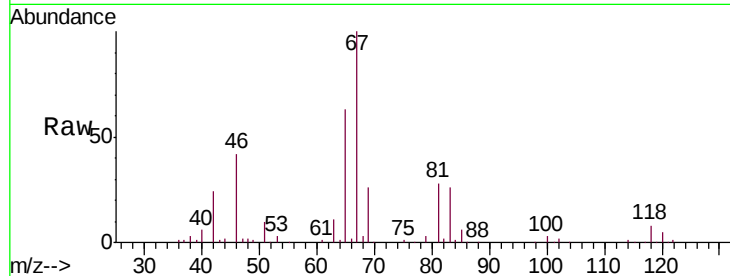




#37
 1,2-Dichloropropane
 Concen: 1.002 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032161.D
 Acq: 20 May 2019 17:49

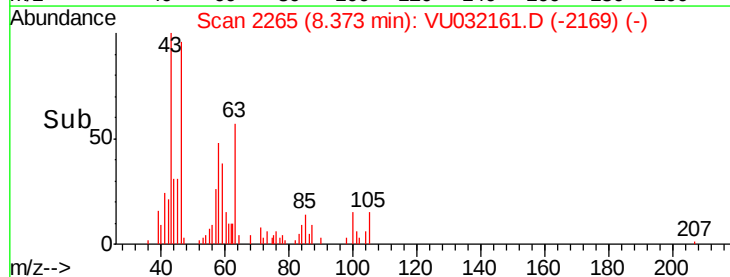
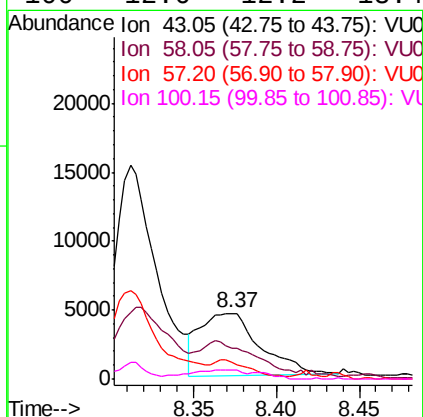
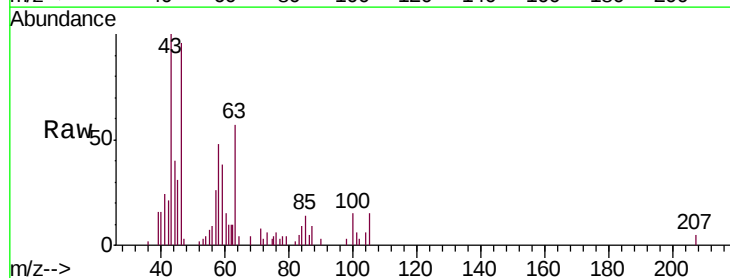
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

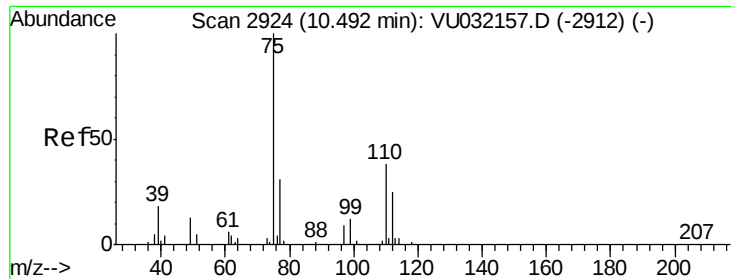
Tgt Ion: 63 Resp: 14031
 Ion Ratio Lower Upper
 63 100
 112 1.6 3.8 5.6#



#48
 2-Hexanone
 Concen: 2.304 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU032161.D
 Acq: 20 May 2019 17:49

Tgt Ion: 43 Resp: 11601
 Ion Ratio Lower Upper
 43 100
 58 47.9 51.6 77.4#
 57 18.2 18.4 27.6#
 100 12.6 12.2 18.4





#59

1,2,3-Trichloropropane

Concen: 1.763 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032161.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 15682

Ion Ratio Lower Upper

75 100

77 34.3 26.2 39.2

