

Data File : VU032234.D
Acq On : 22 May 2019 20:02
Operator : JC/SP
Sample : K2889-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 23 01:52:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	378093	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382148	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98757	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	96316	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	156524	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.20	46	292879	48.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.64	84	262933	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	143714	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.33	84	518902	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	170629	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	472110	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	61729	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.31	63	251429	49.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	171308	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	215741	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

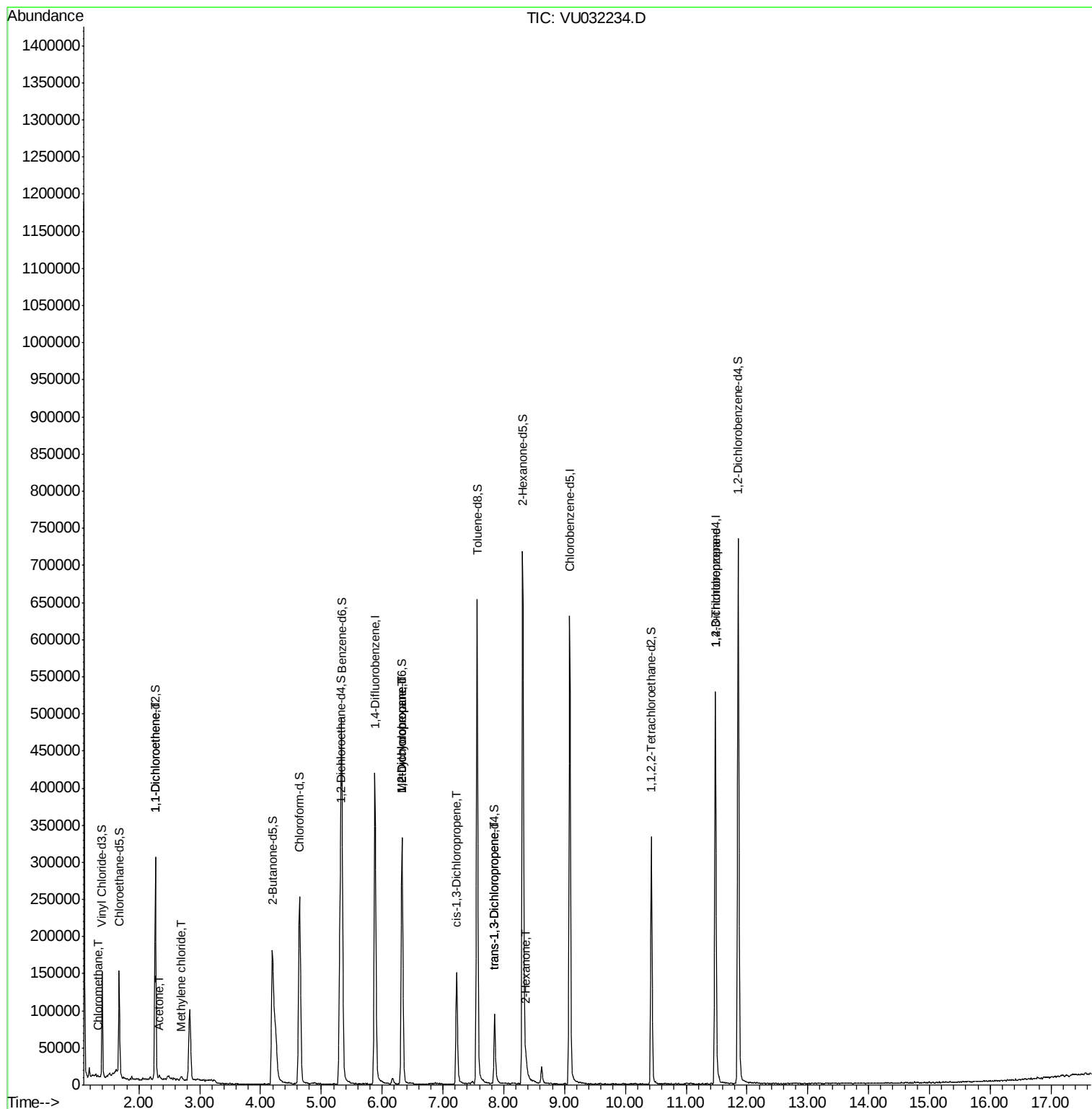
					Qvalue
3) Chloromethane	1.32	50	2342	0.145 ug/L	96
12) 1,1-Dichloroethene	2.27	96	1883	0.140 ug/L #	1
13) Acetone	2.34	43	2584	1.392 ug/L	67
16) Methylene chloride	2.70	84	2528	0.141 ug/L	75
35) Methylcyclohexane	6.33	83	41142	2.013 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	18597	1.494 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	3783	0.213 ug/L #	62
44) trans-1,3-Dichloropropene	7.86	75	2576	0.185 ug/L	99
48) 2-Hexanone	8.37	43	9352	1.938 ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	15932	1.966 ug/L	92

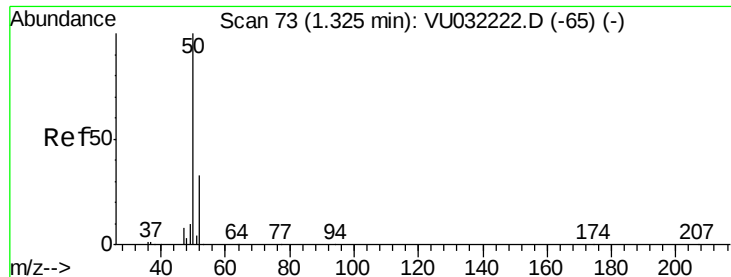
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032234.D

Acq: 22 May 2019 20:02

Instrument :

MSVOA_U

ClientSampleId :

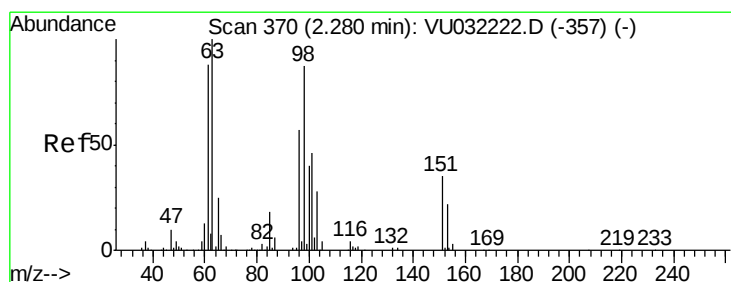
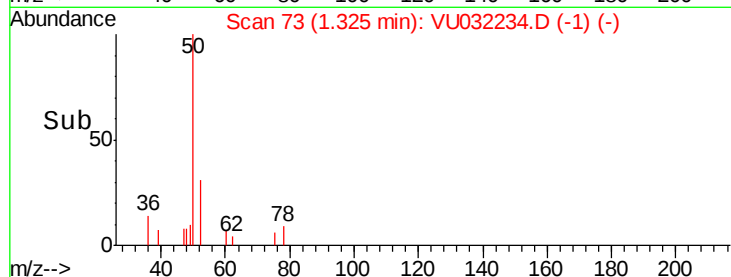
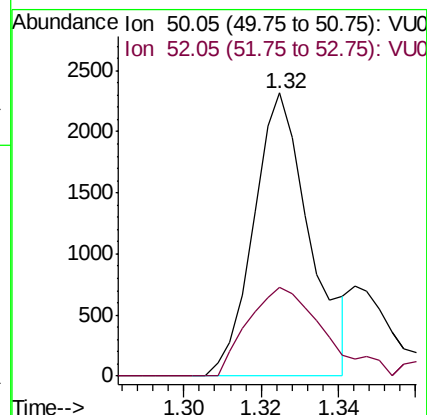
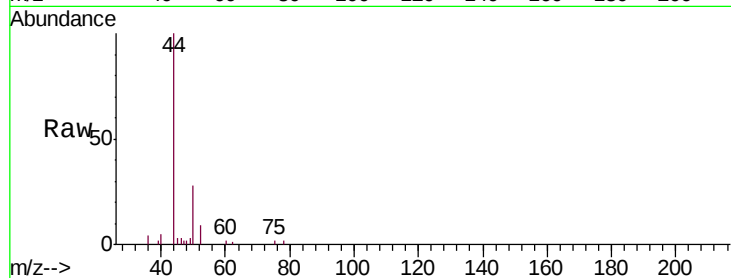
VHBLK01

Tgt Ion: 50 Resp: 2342

Ion Ratio Lower Upper

50 100

52 31.2 23.3 43.3



#12

1,1-Dichloroethene

Concen: 0.140 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032234.D

Acq: 22 May 2019 20:02

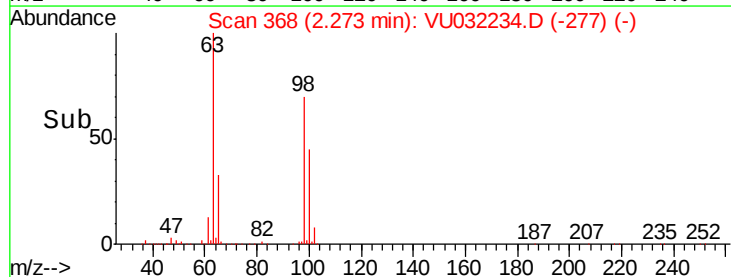
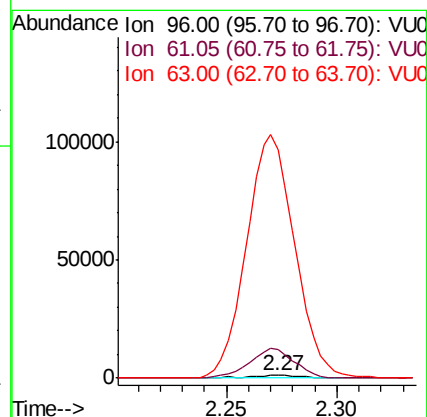
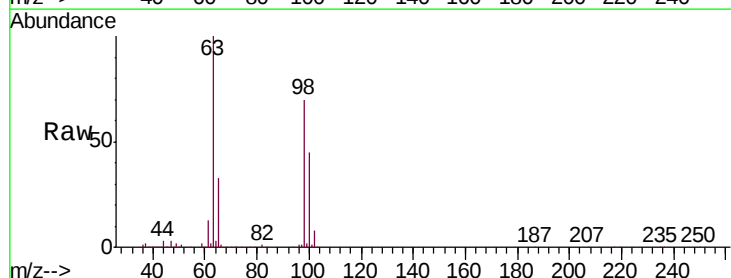
Tgt Ion: 96 Resp: 1883

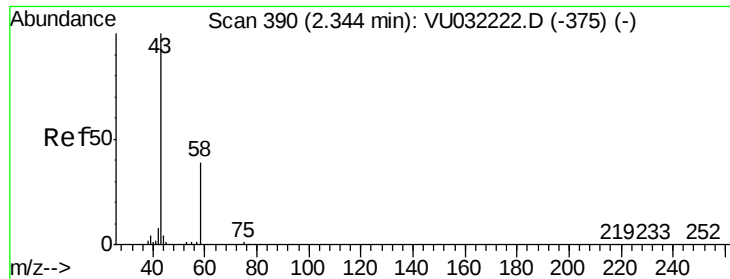
Ion Ratio Lower Upper

96 100

61 1174.0 113.8 211.3#

63 9243.0 108.8 202.2#





#13

Acetone

Concen: 1.392 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU032234.D

Acq: 22 May 2019 20:02

Instrument :

MSVOA_U

ClientSampleId :

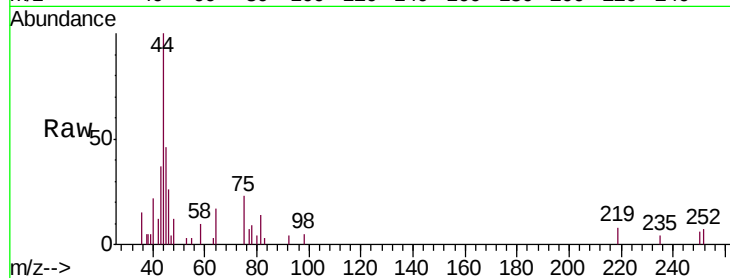
VHBLK01

Tgt Ion: 43 Resp: 2584

Ion Ratio Lower Upper

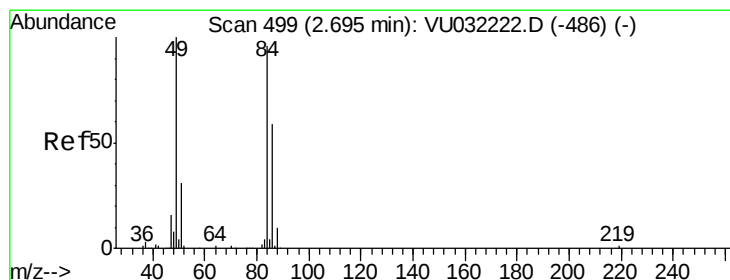
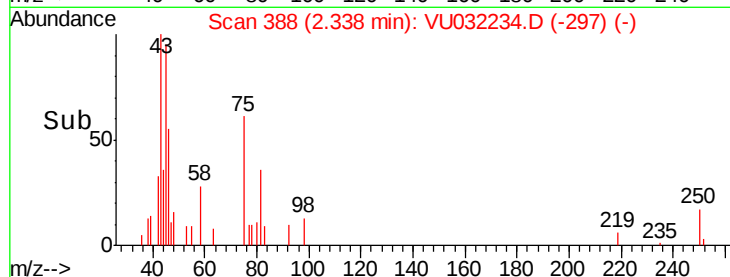
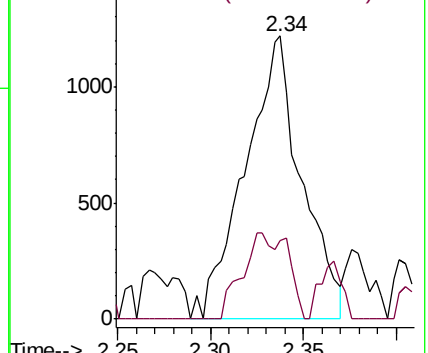
43 100

58 16.9 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.141 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032234.D

Acq: 22 May 2019 20:02

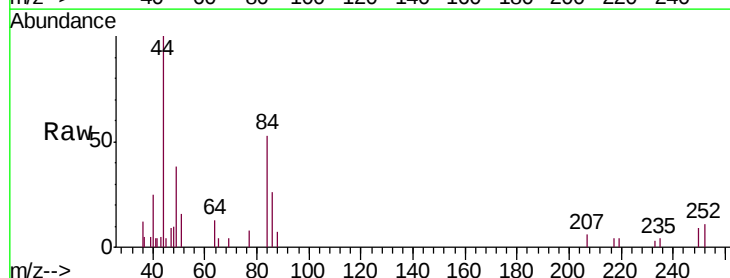
Tgt Ion: 84 Resp: 2528

Ion Ratio Lower Upper

84 100

86 49.5 43.6 81.0

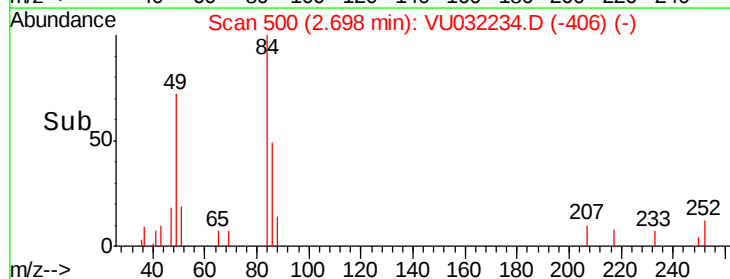
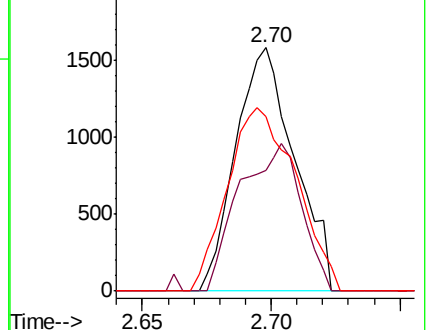
49 71.7 71.1 132.1

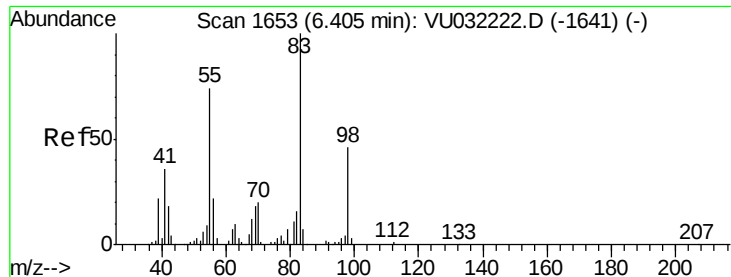


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

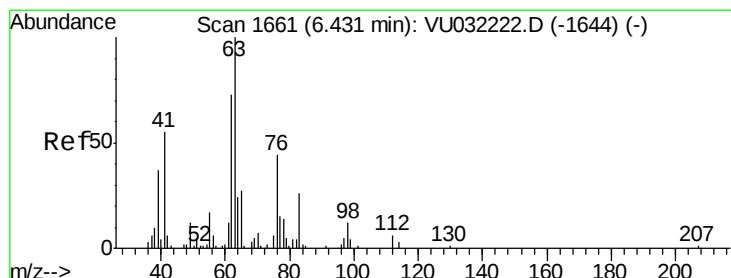
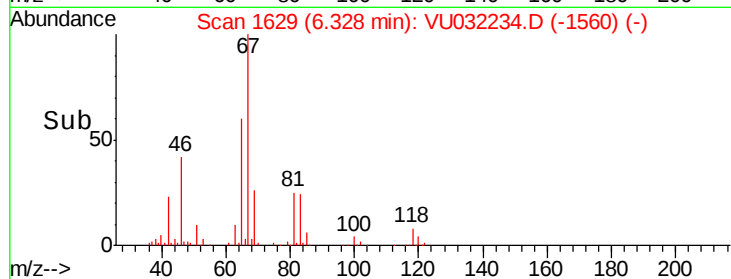
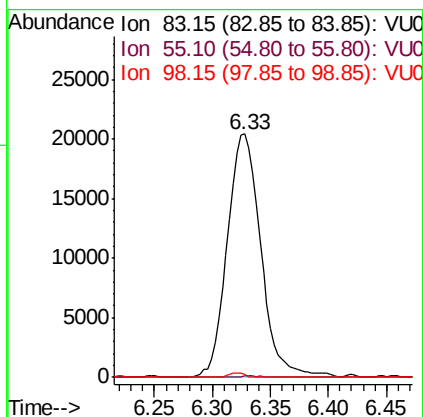
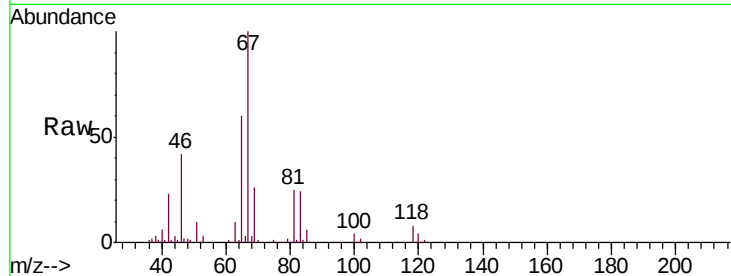




#35
Methylcyclohexane
Concen: 2.013 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032234.D
Acq: 22 May 2019 20:02

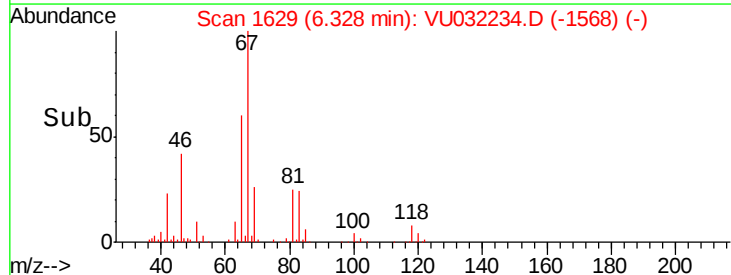
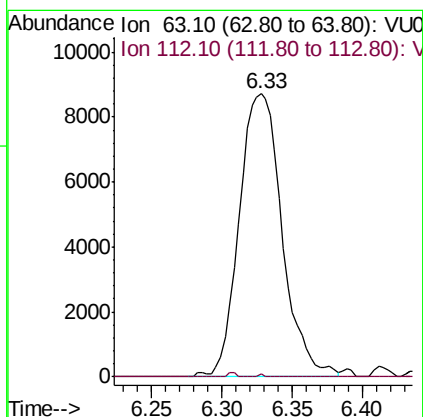
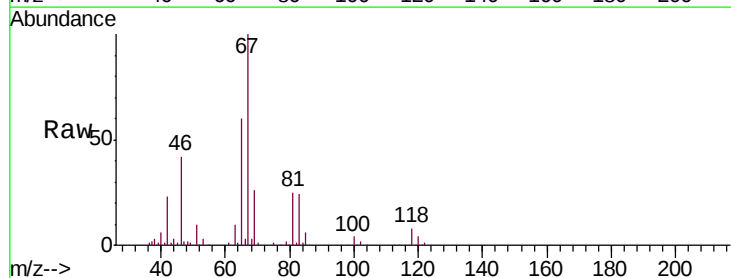
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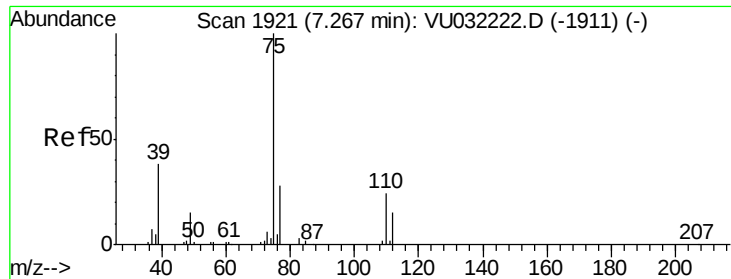
Tgt Ion: 83 Resp: 41142
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.8 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.494 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032234.D
Acq: 22 May 2019 20:02

Tgt Ion: 63 Resp: 18597
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.8#

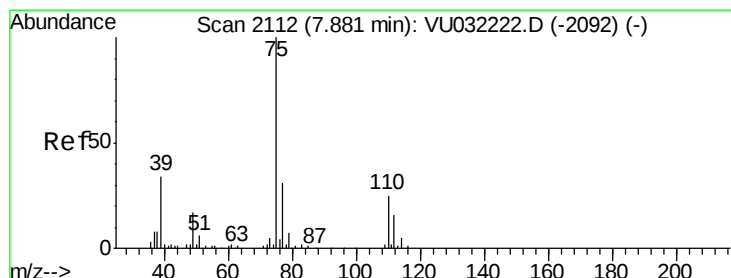
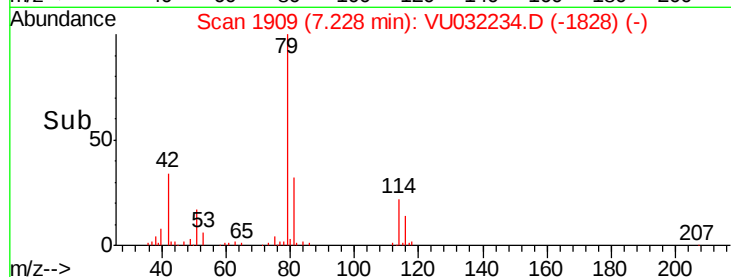
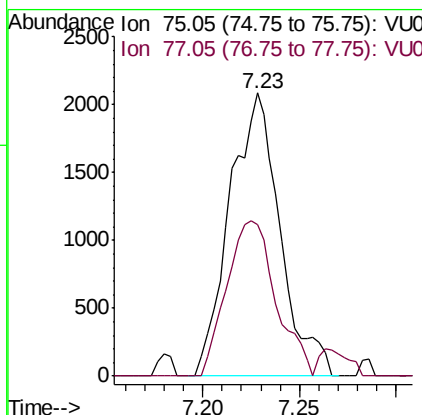
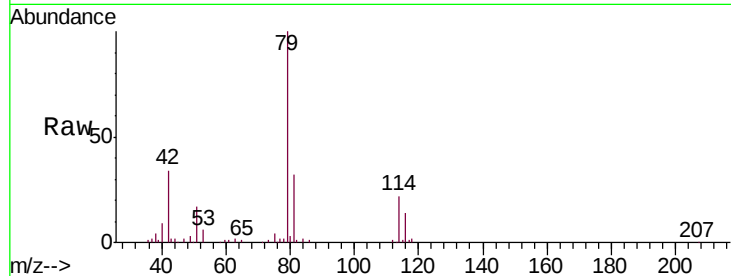




#39
 cis-1,3-Dichloropropene
 Concen: 0.213 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032234.D
 Acq: 22 May 2019 20:02

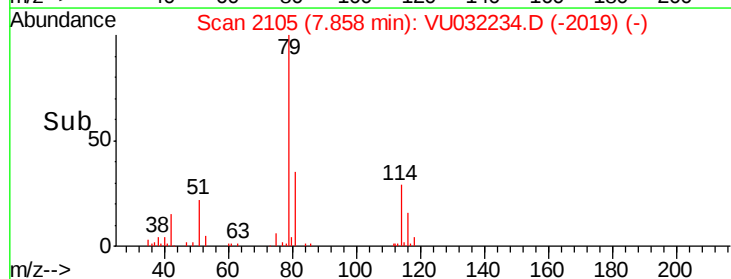
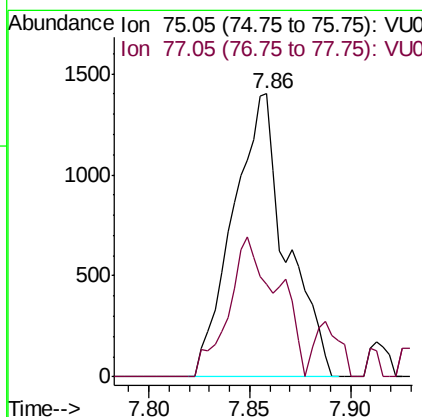
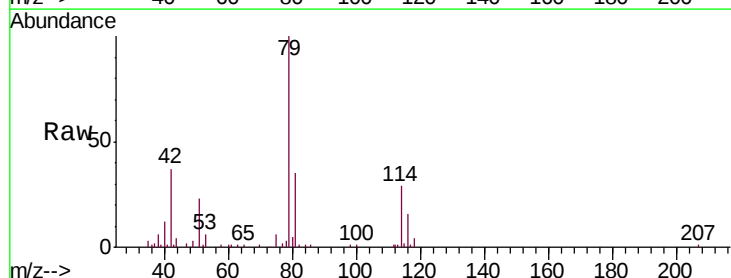
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

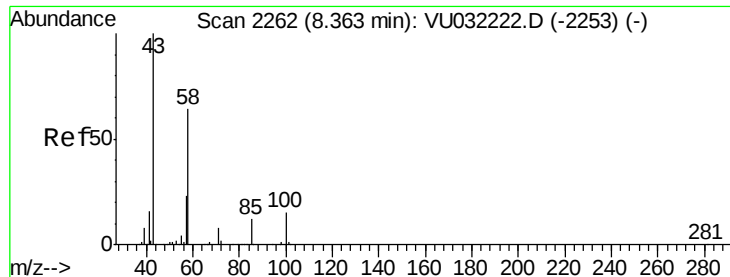
Tgt Ion: 75 Resp: 3783
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.185 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: VU032234.D
 Acq: 22 May 2019 20:02

Tgt Ion: 75 Resp: 2576
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.5 41.9

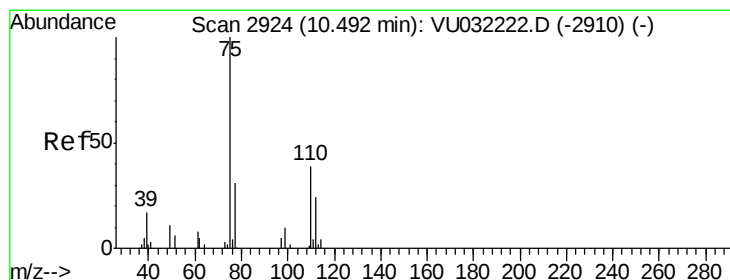
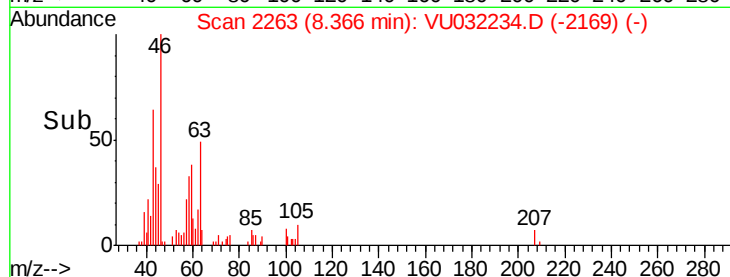
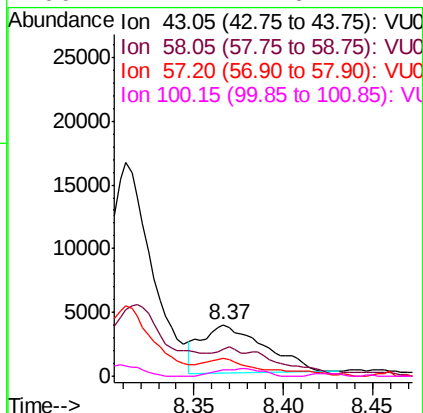
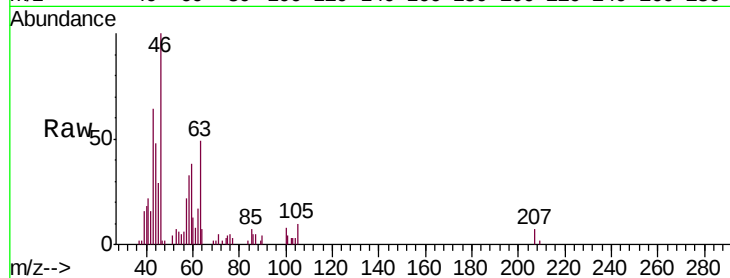




#48
 2-Hexanone
 Concen: 1.938 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032234.D
 Acq: 22 May 2019 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 9352
 Ion Ratio Lower Upper
 43 100
 58 4.9 49.7 74.5#
 57 18.7 17.1 25.7
 100 11.1 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.966 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032234.D
 Acq: 22 May 2019 20:02

Tgt Ion: 75 Resp: 15932
 Ion Ratio Lower Upper
 75 100
 77 39.8 28.2 42.4

