

Data File : VU032153.D
Acq On : 20 May 2019 14:27
Operator : JC/SP
Sample : K2850-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 21 06:43:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	352420	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109984	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.68	69	104776	4.13	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.27	63	160304	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.20	46	286688	49.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.38%
24) Chloroform-d	4.64	84	238632	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	121251	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.33	84	477559	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.33	67	141392	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.56	98	377953	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.85	79	46117	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	239962	45.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123117	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	146499	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

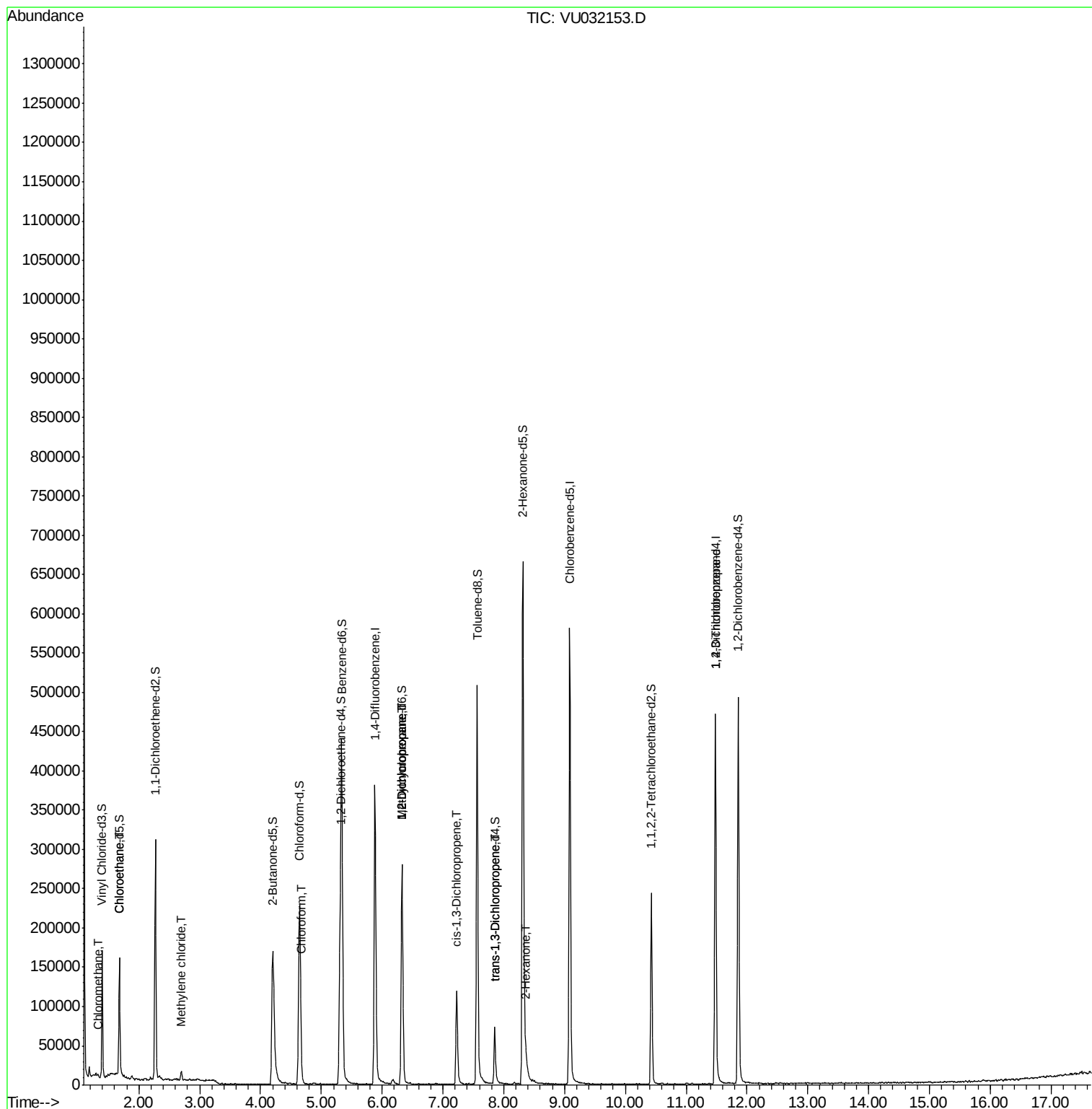
					Qvalue
3) Chloromethane	1.32	50	2386	0.141 ug/L	93
8) Chloroethane	1.67	64	1345	0.122 ug/L #	55
16) Methylene chloride	2.69	84	5006	0.296 ug/L	96
25) Chloroform	4.67	83	4881	0.190 ug/L	82
35) Methylcyclohexane	6.33	83	35741	1.654 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	14967	1.107 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	3131	0.167 ug/L	84
44) trans-1,3-Dichloropropene	7.85	75	2014	0.139 ug/L #	81
48) 2-Hexanone	8.37	43	11166	2.296 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	14599	1.700 ug/L #	85

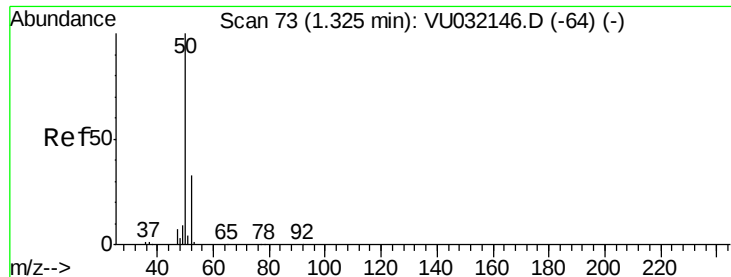
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032153.D

Acq: 20 May 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

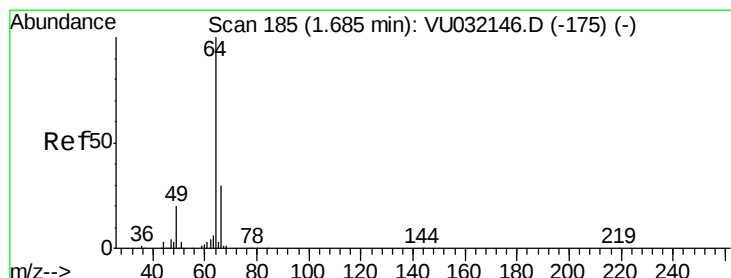
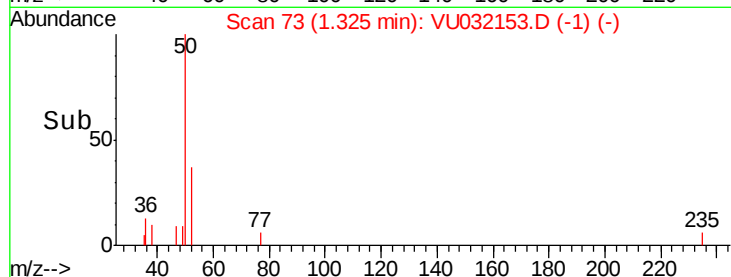
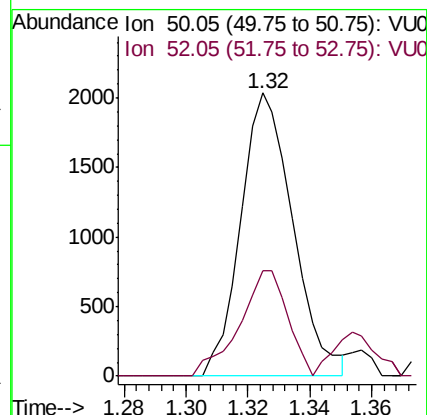
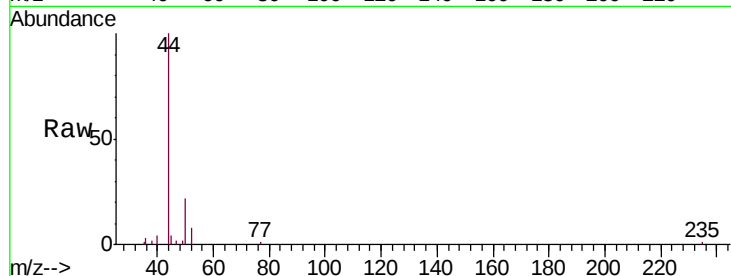
VHBLK01

Tgt Ion: 50 Resp: 2386

Ion Ratio Lower Upper

50 100

52 37.1 23.2 43.0



#8

Chloroethane

Concen: 0.122 ug/L

RT: 1.67 min Scan# 180

Delta R.T. -0.02 min

Lab File: VU032153.D

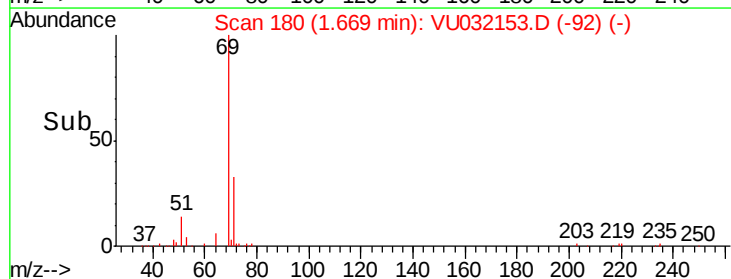
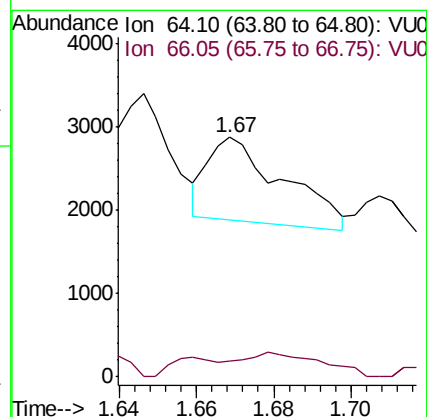
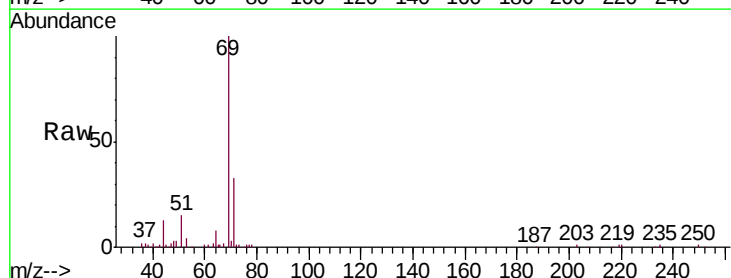
Acq: 20 May 2019 14:27

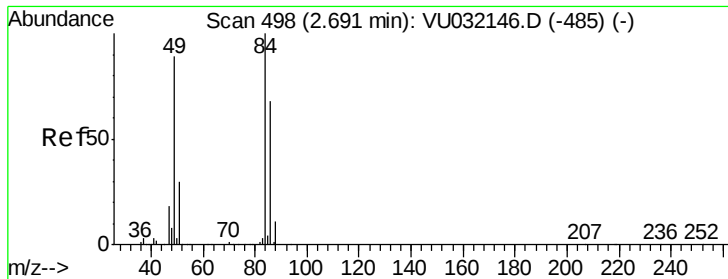
Tgt Ion: 64 Resp: 1345

Ion Ratio Lower Upper

64 100

66 6.8 22.0 41.0#

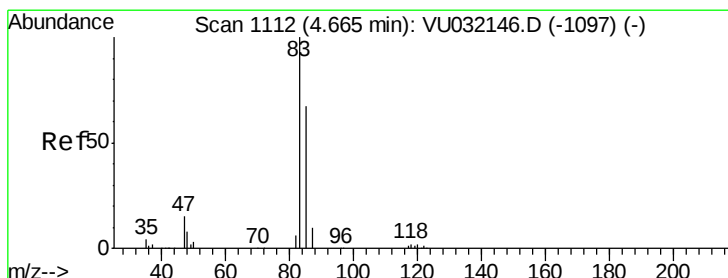
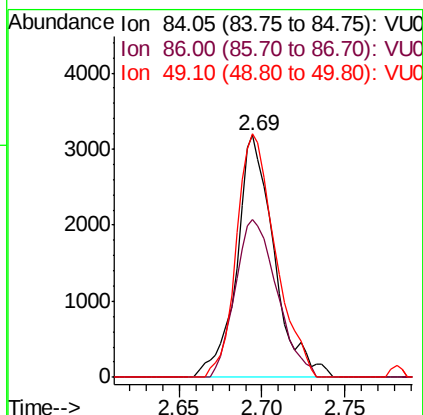
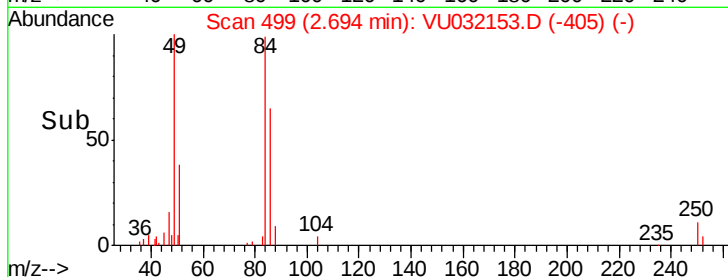
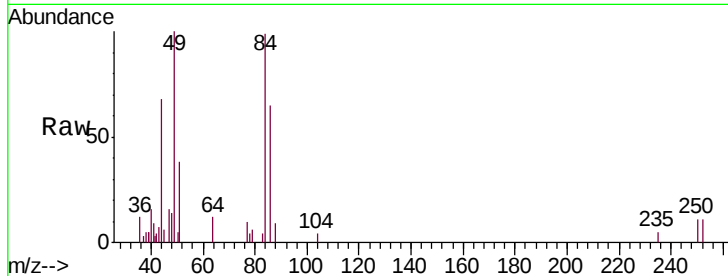




#16
Methylene chloride
Concen: 0.296 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032153.D
Acq: 20 May 2019 14:27

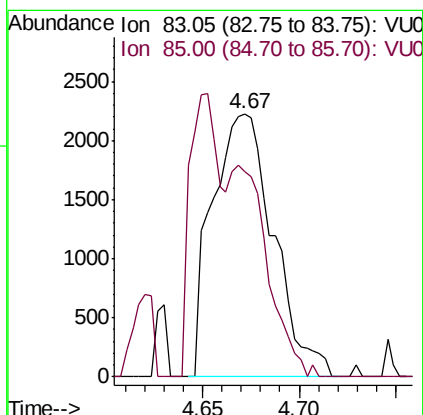
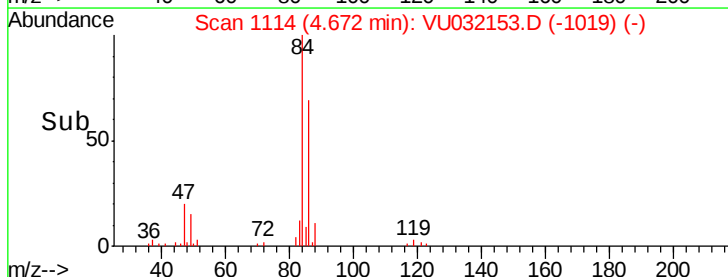
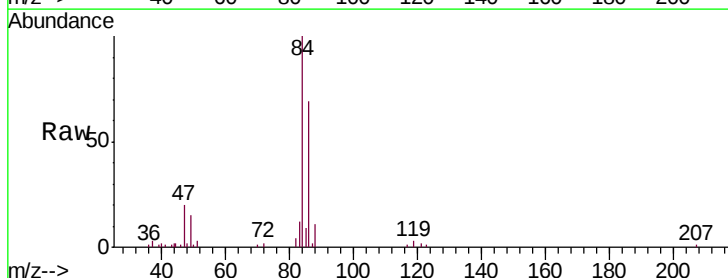
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

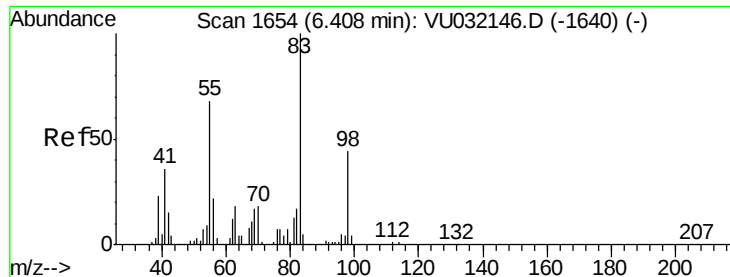
Tgt Ion: 84 Resp: 5006
Ion Ratio Lower Upper
84 100
86 65.2 43.1 80.1
49 100.7 67.7 125.7



#25
Chloroform
Concen: 0.190 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU032153.D
Acq: 20 May 2019 14:27

Tgt Ion: 83 Resp: 4881
Ion Ratio Lower Upper
83 100
85 78.3 44.9 83.3

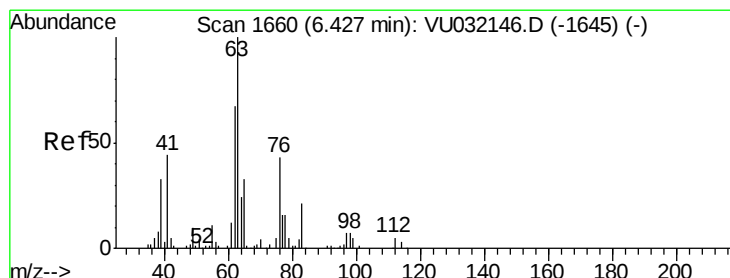
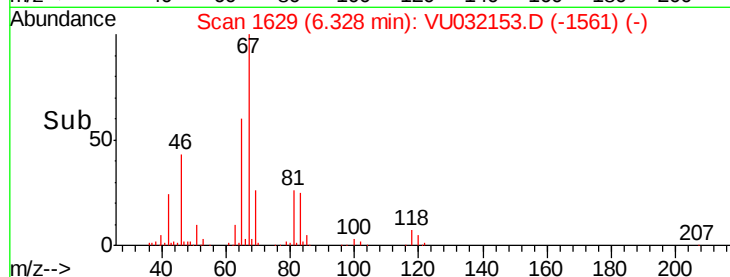
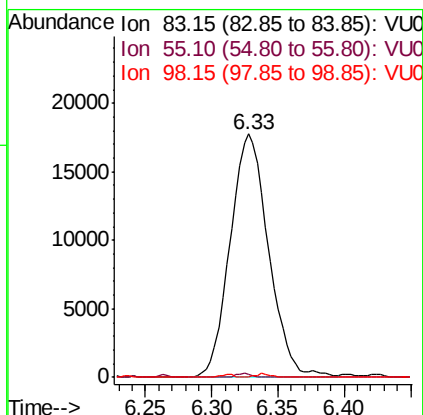
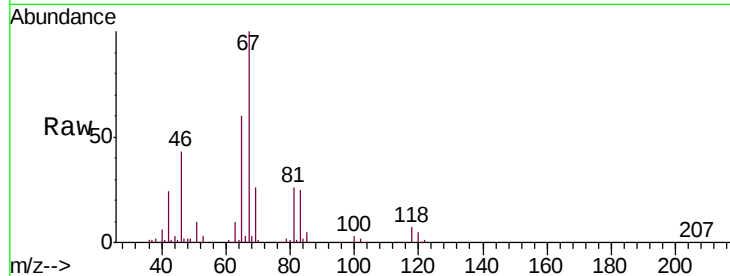




#35
Methylcyclohexane
Concen: 1.654 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032153.D
Acq: 20 May 2019 14:27

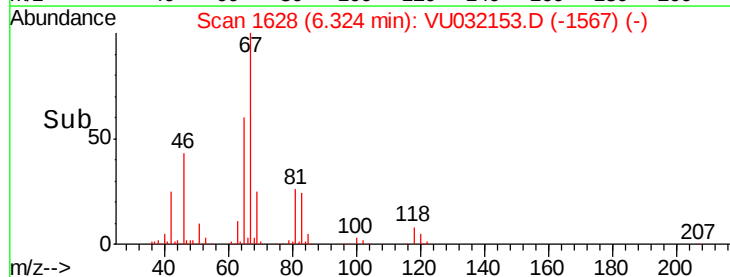
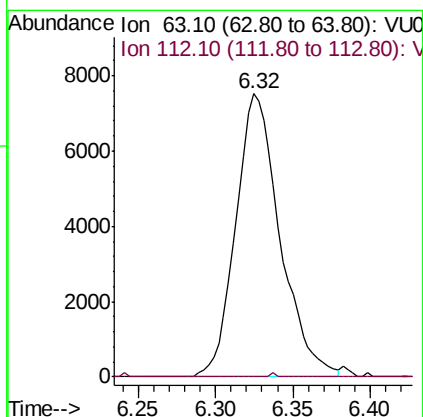
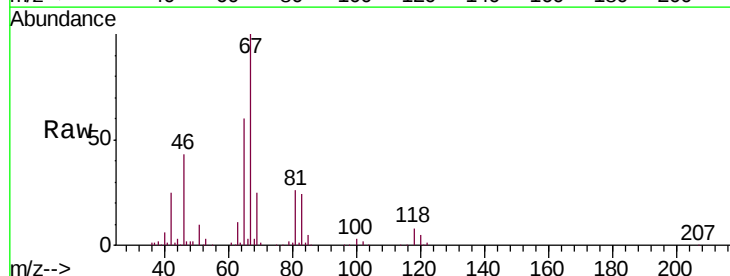
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

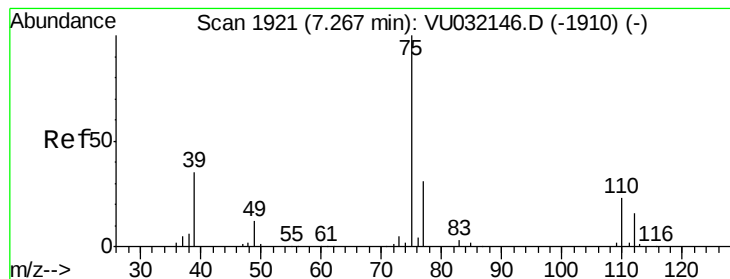
Tgt Ion: 83 Resp: 35741
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 0.5 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.107 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032153.D
Acq: 20 May 2019 14:27

Tgt Ion: 63 Resp: 14967
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.167 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032153.D

Acq: 20 May 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

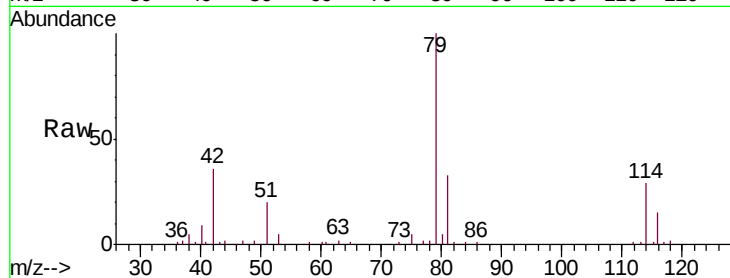
VHBLK01

Tgt Ion: 75 Resp: 3131

Ion Ratio Lower Upper

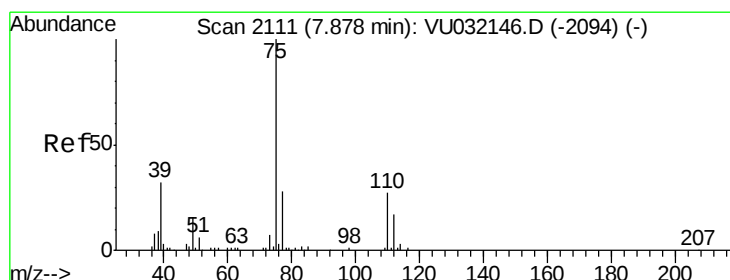
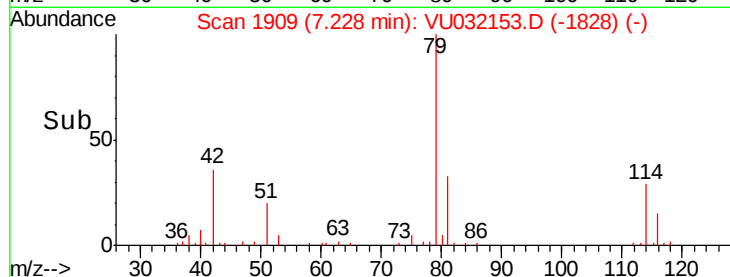
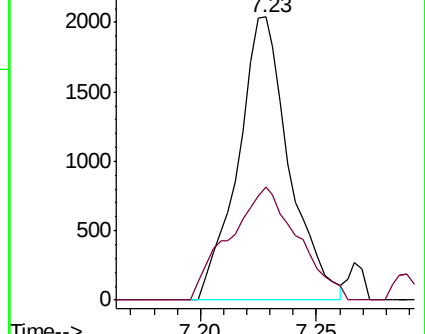
75 100

77 39.8 21.7 40.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.139 ug/L

RT: 7.85 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU032153.D

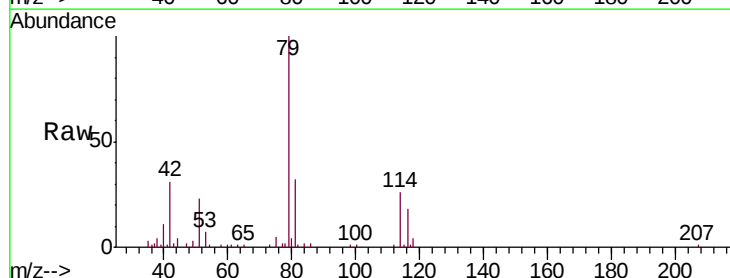
Acq: 20 May 2019 14:27

Tgt Ion: 75 Resp: 2014

Ion Ratio Lower Upper

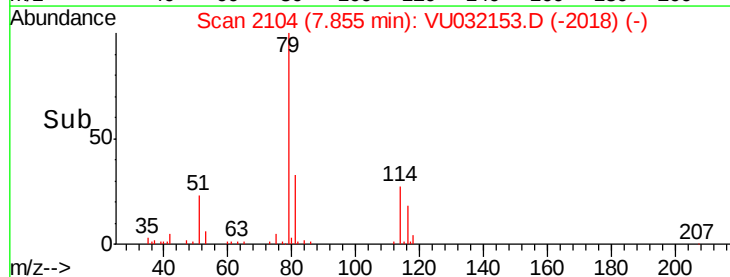
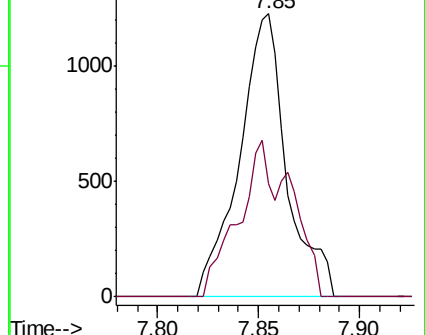
75 100

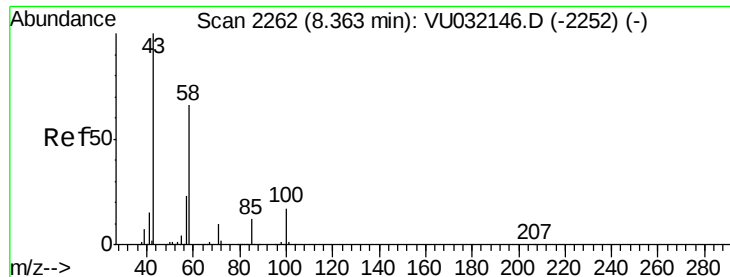
77 40.2 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

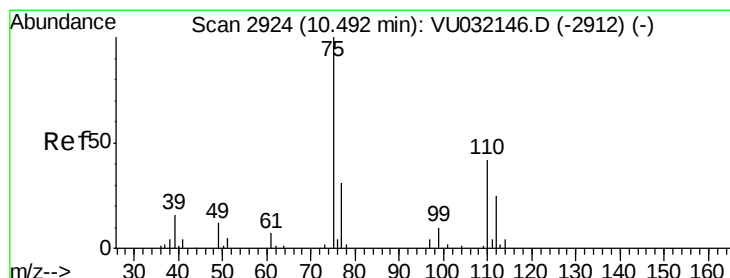
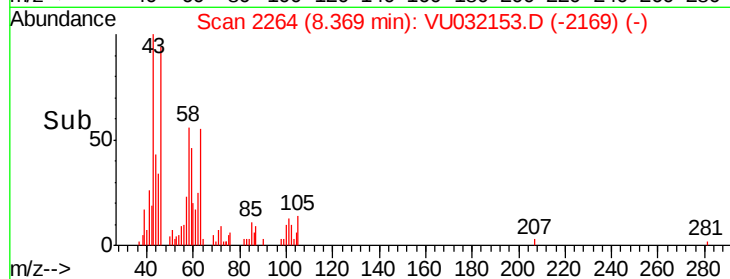
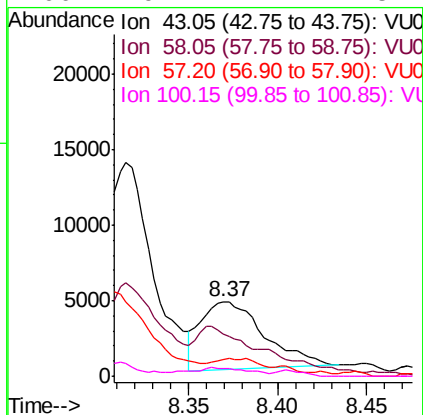
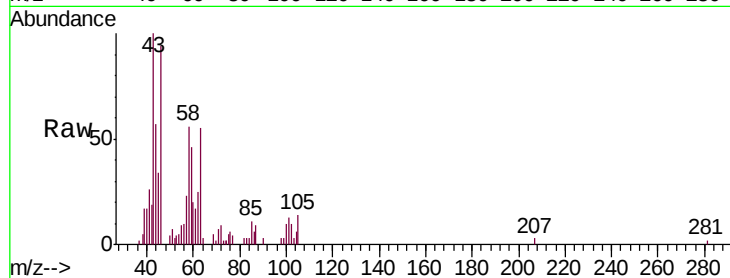




#48
2-Hexanone
Concen: 2.296 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032153.D
Acq: 20 May 2019 14:27

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 11166
Ion Ratio Lower Upper
43 100
58 80.0 51.6 77.4#
57 0.0 18.4 27.6#
100 9.1 12.2 18.4#



#59
1,2,3-Trichloropropane
Concen: 1.700 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032153.D
Acq: 20 May 2019 14:27

Tgt Ion: 75 Resp: 14599
Ion Ratio Lower Upper
75 100
77 41.3 26.2 39.2#

