

Data File : VU032273.D
Acq On : 23 May 2019 16:59
Operator : JC/SP
Sample : VU0523WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK25

Quant Time: May 24 02:58:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	334827	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	349843	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	138583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82542	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	83506	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	129600	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.20	46	265574	50.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.14%
24) Chloroform-d	4.64	84	228984	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.31	65	126747	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.33	84	441913	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.32	67	146519	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.56	98	399223	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	52697	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	221444	47.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153050	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	190358	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

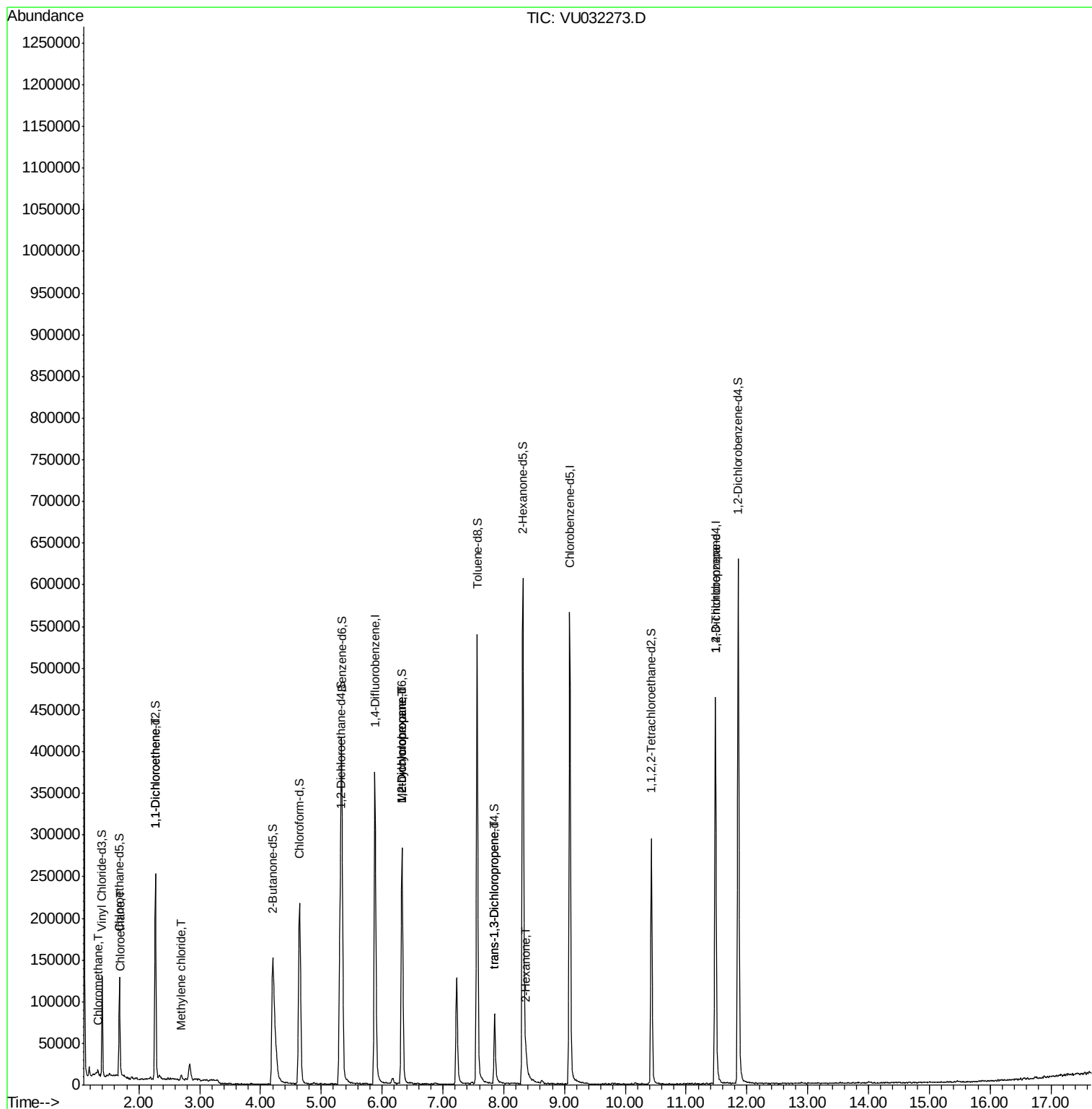
					Qvalue
3) Chloromethane	1.33	50	4164	0.290 ug/L	95
8) Chloroethane	1.70	64	1003	0.109 ug/L #	54
12) 1,1-Dichloroethene	2.28	96	1520	0.128 ug/L #	1
16) Methylene chloride	2.70	84	2324	0.146 ug/L	91
35) Methylcyclohexane	6.32	83	35318	1.888 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	15299	1.343 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	2467	0.194 ug/L #	73
48) 2-Hexanone	8.37	43	6029	1.365 ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	14867	2.004 ug/L	98

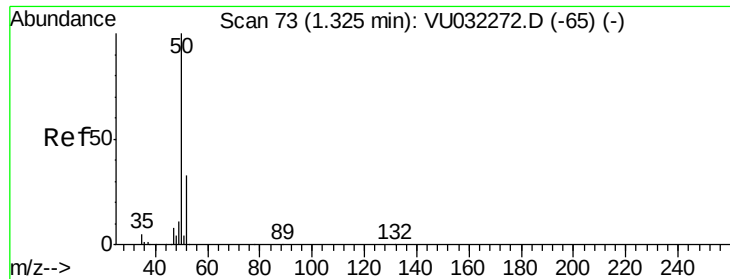
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.290 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

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Acq: 23 May 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

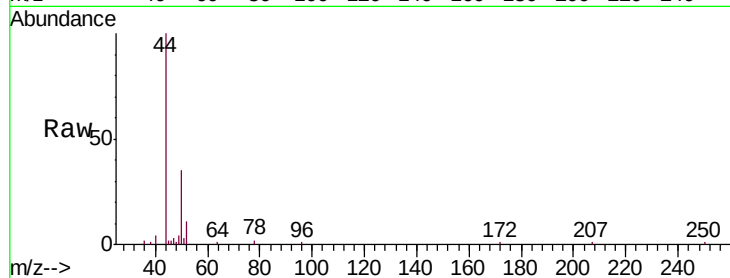
VBLK25

Tgt Ion: 50 Resp: 4164

Ion Ratio Lower Upper

50 100

52 30.5 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032273.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU032273.D (-1) (-)

1.33

4000

3000

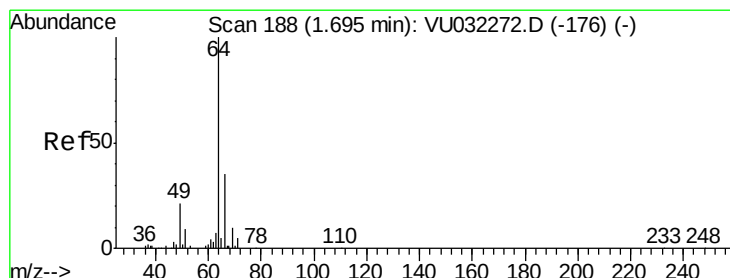
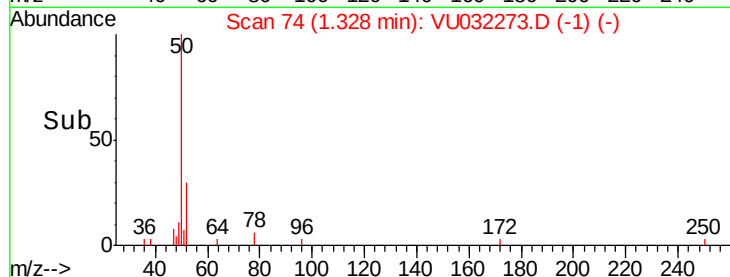
2000

1000

0

1.30 1.35

Time-->



#8

Chloroethane

Concen: 0.109 ug/L

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU032273.D

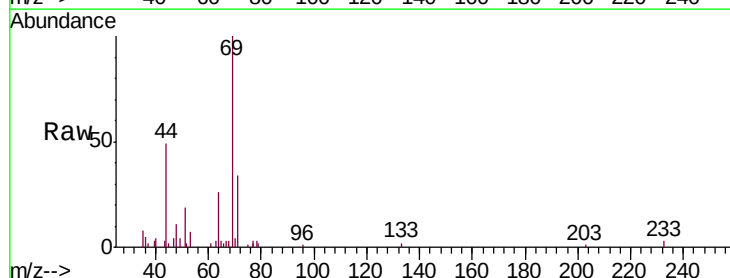
Acq: 23 May 2019 16:59

Tgt Ion: 64 Resp: 1003

Ion Ratio Lower Upper

64 100

66 7.0 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032273.D (-95) (-)

Ion 66.05 (65.75 to 66.75): VU032273.D (-95) (-)

1.70

3000

2500

2000

1500

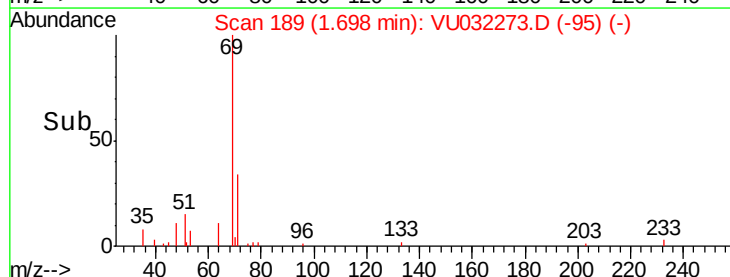
1000

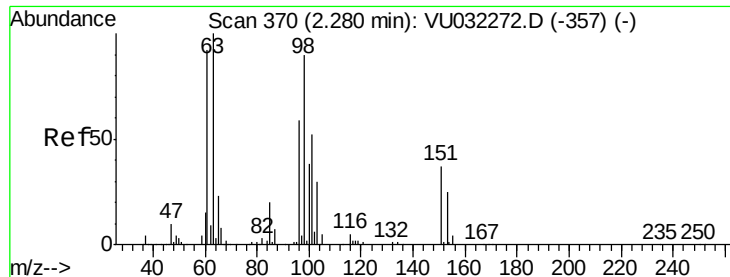
500

0

1.68 1.70 1.72

Time-->





#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032273.D

Acq: 23 May 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

VBLK25

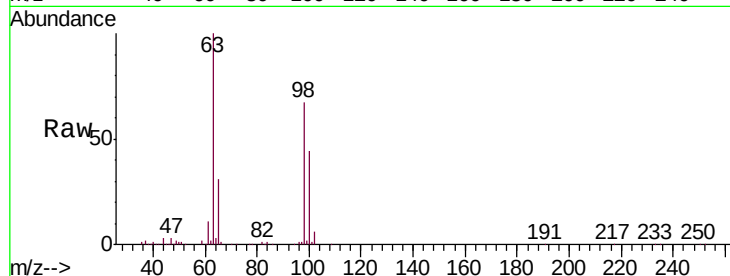
Tgt Ion: 96 Resp: 1520

Ion Ratio Lower Upper

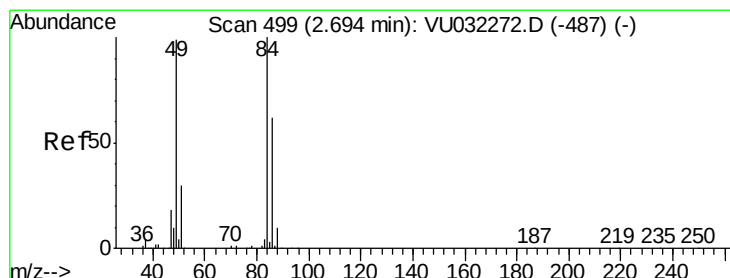
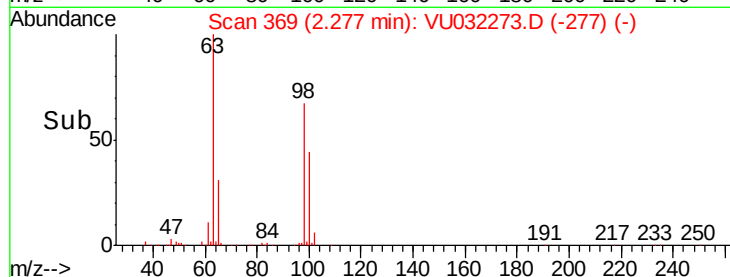
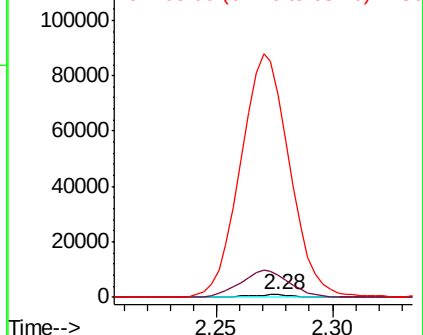
96 100

61 896.5 113.8 211.3#

63 8207.4 108.8 202.2#



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



#16

Methylene chloride

Concen: 0.146 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032273.D

Acq: 23 May 2019 16:59

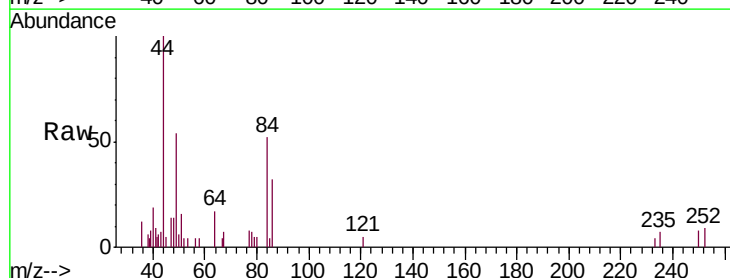
Tgt Ion: 84 Resp: 2324

Ion Ratio Lower Upper

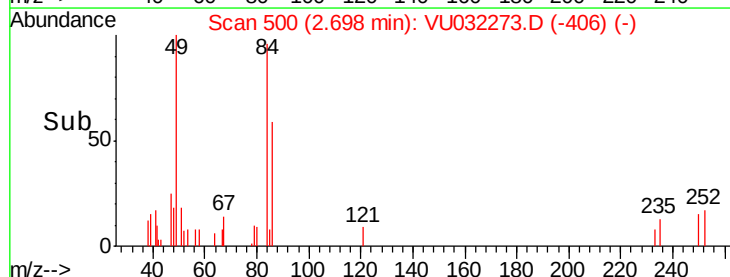
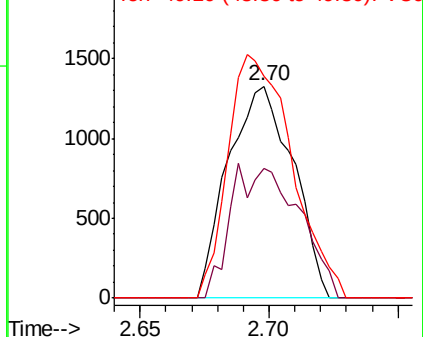
84 100

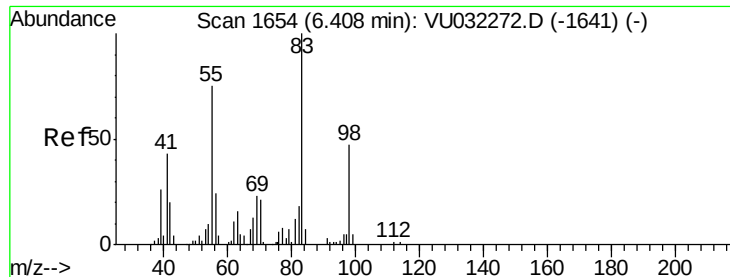
86 61.2 43.6 81.0

49 115.4 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

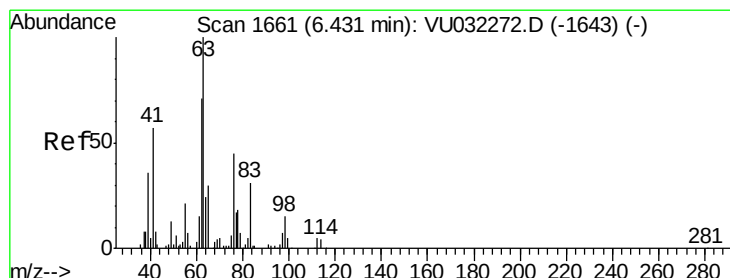
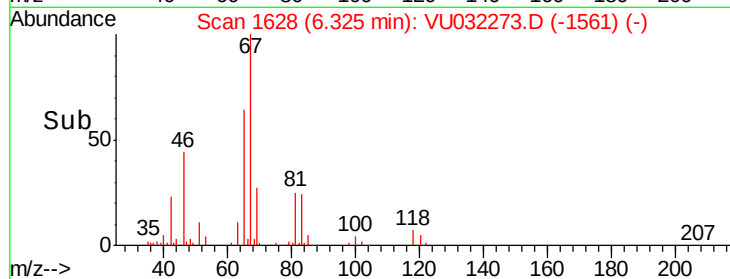
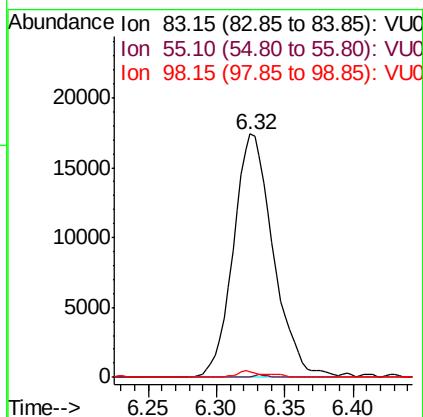
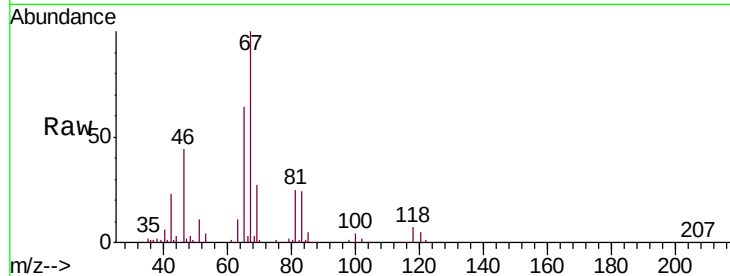




#35
Methylcyclohexane
Concen: 1.888 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032273.D
Acq: 23 May 2019 16:59

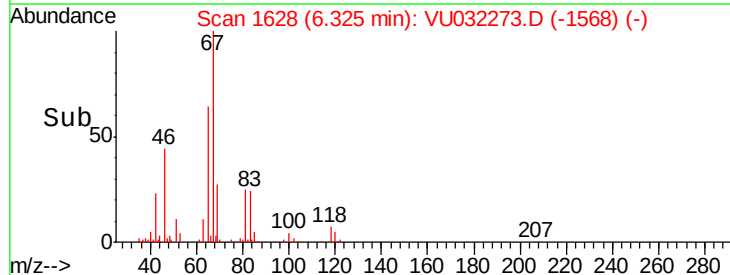
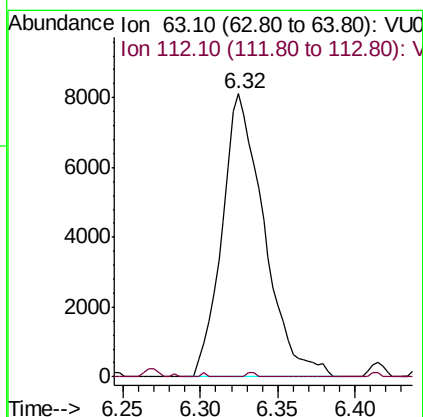
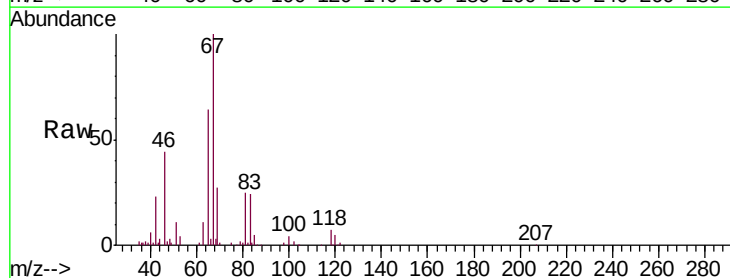
Instrument :
MSVOA_U
ClientSampleId :
VBLK25

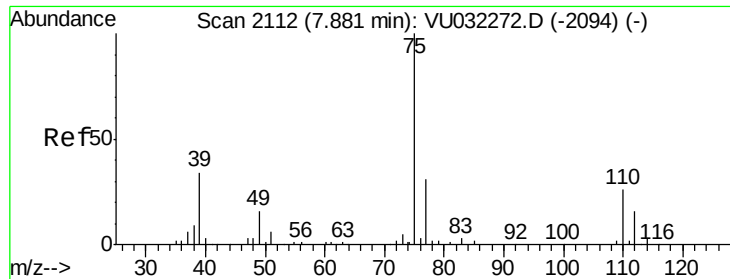
Tgt Ion: 83 Resp: 35318
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 1.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.343 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032273.D
Acq: 23 May 2019 16:59

Tgt Ion: 63 Resp: 15299
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#

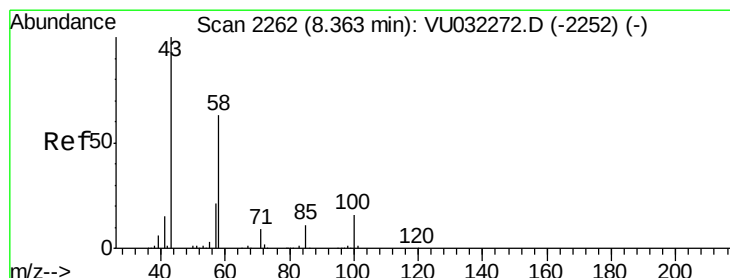
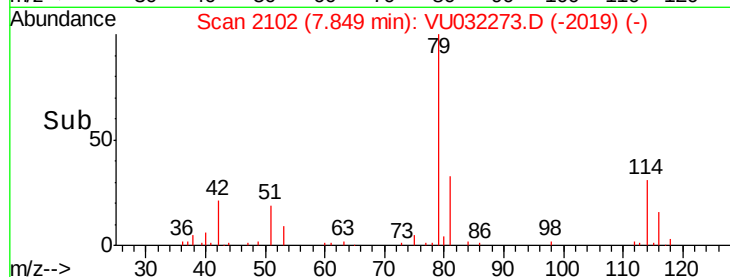
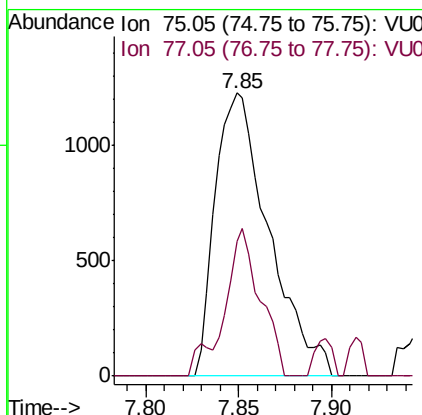
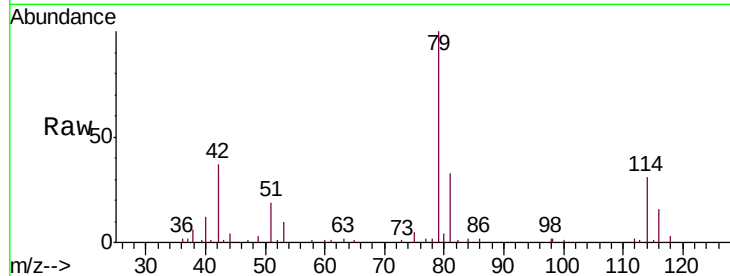




#44
 trans-1,3-Dichloropropene
 Concen: 0.194 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032273.D
 Acq: 23 May 2019 16:59

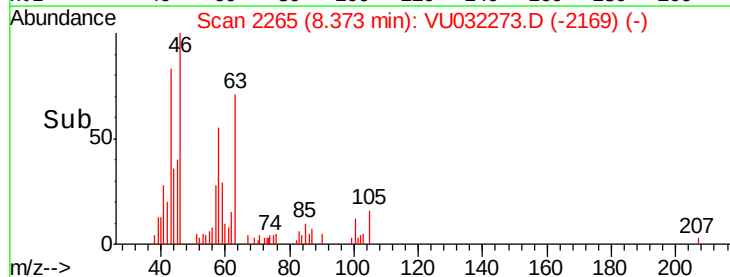
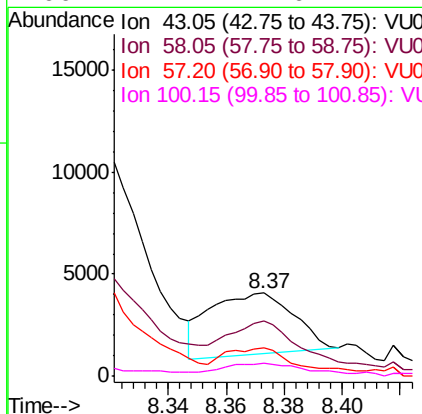
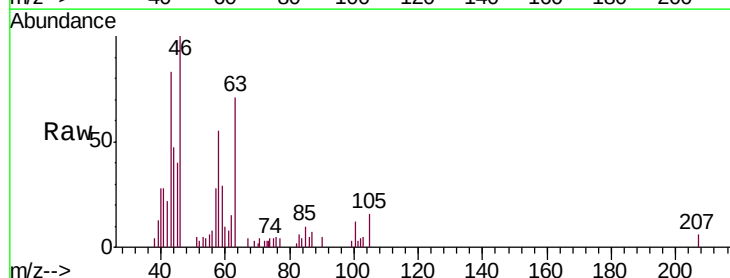
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK25

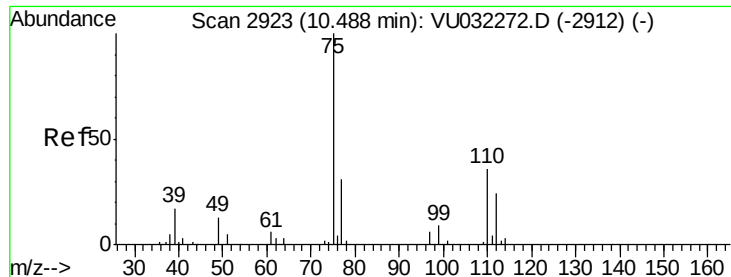
Tgt Ion: 75 Resp: 2467
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.5 41.9#



#48
 2-Hexanone
 Concen: 1.365 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU032273.D
 Acq: 23 May 2019 16:59

Tgt Ion: 43 Resp: 6029
 Ion Ratio Lower Upper
 43 100
 58 96.1 49.7 74.5#
 57 40.3 17.1 25.7#
 100 21.1 11.6 17.4#





#59
 1,2,3-Trichloropropane
 Concen: 2.004 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032273.D
 Acq: 23 May 2019 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK25

Tgt Ion: 75 Resp: 14867
 Ion Ratio Lower Upper
 75 100
 77 34.1 28.2 42.4

