

Data File : VU032122.D
Acq On : 18 May 2019 00:02
Operator : JC/SP
Sample : K2889-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BQ0

Quant Time: May 18 05:39:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	319196	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	337010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	132103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109482	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.67	69	97862	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.27	63	155893	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.19	46	247828	46.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.64	84	212522	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	111531	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.33	84	425012	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.33	67	128033	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.56	98	357646	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.85	79	41668	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.31	63	211005	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114016	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	142746	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

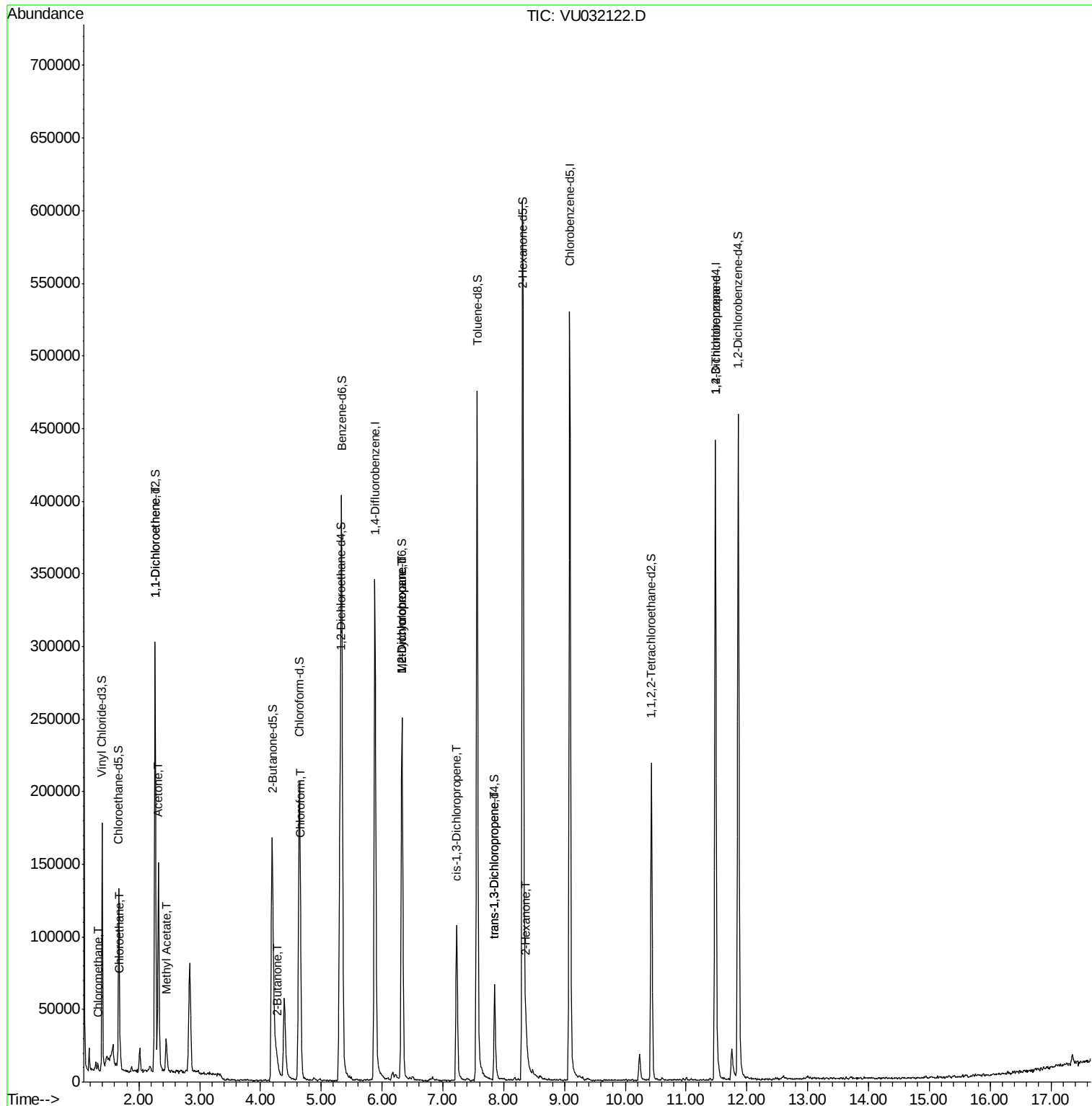
					Qvalue
3) Chloromethane	1.33	50	3064	0.200 ug/L	86
8) Chloroethane	1.69	64	881	0.088 ug/L #	56
12) 1,1-Dichloroethene	2.27	96	1816	0.142 ug/L #	1
13) Acetone	2.32	43	136548	78.795 ug/L	99
15) Methyl Acetate	2.45	43	5497	1.106 ug/L #	50
21) 2-Butanone	4.29	43	7110	2.858 ug/L	86
25) Chloroform	4.67	83	4513	0.194 ug/L	99
35) Methylcyclohexane	6.33	83	31713	1.569 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	12948	1.023 ug/L #	89
39) cis-1,3-Dichloropropene	7.22	75	2751	0.157 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1816	0.133 ug/L	86
48) 2-Hexanone	8.37	43	9708	2.134 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	12245	1.524 ug/L #	81

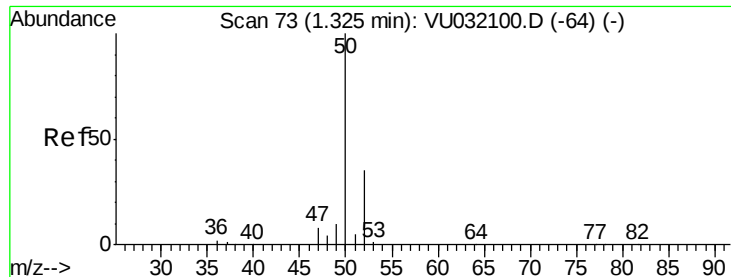
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.200 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032122.D

Acq: 18 May 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

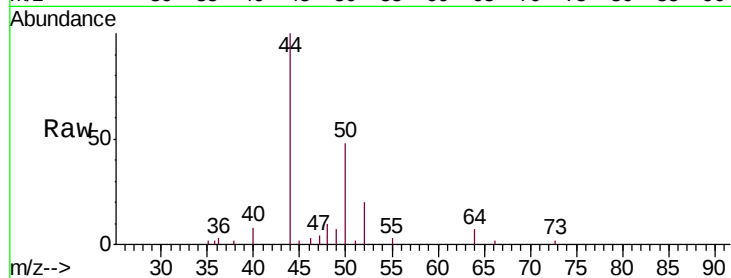
C0BQ0

Tgt Ion: 50 Resp: 3064

Ion Ratio Lower Upper

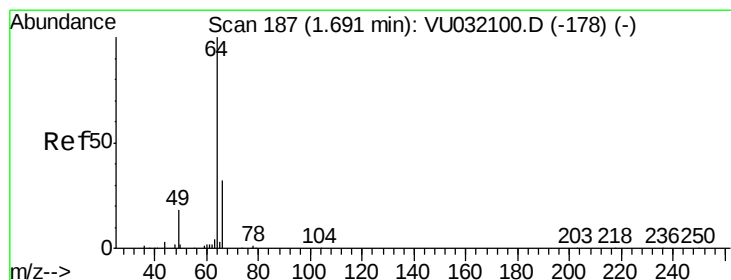
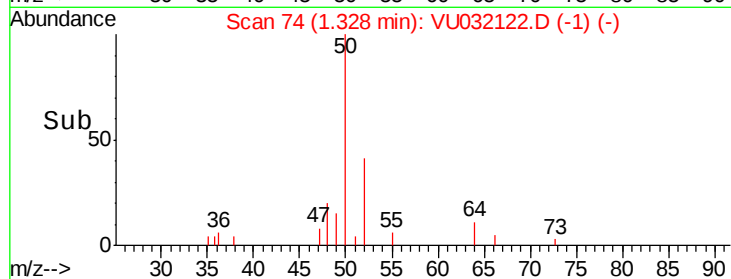
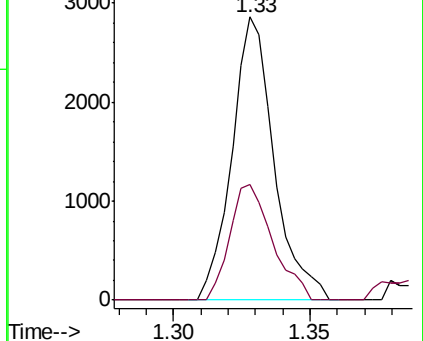
50 100

52 40.9 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.088 ug/L

RT: 1.69 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU032122.D

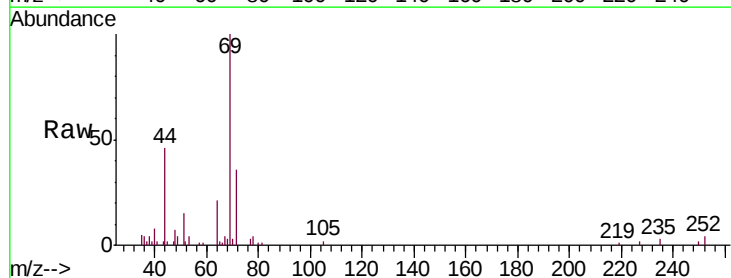
Acq: 18 May 2019 00:02

Tgt Ion: 64 Resp: 881

Ion Ratio Lower Upper

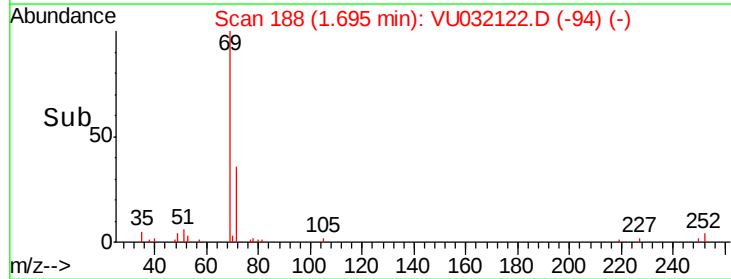
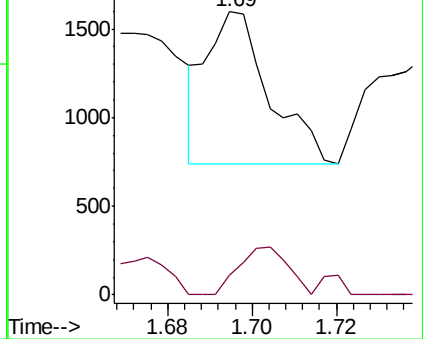
64 100

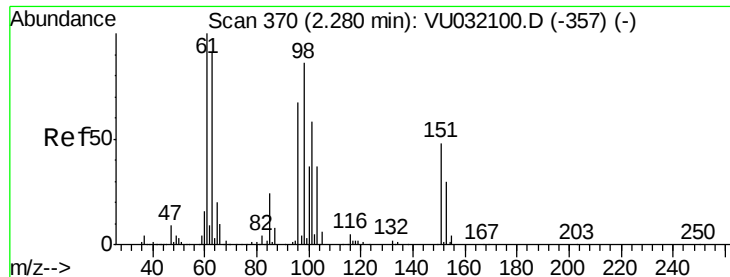
66 7.0 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#12

1,1-Dichloroethene

Concen: 0.142 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032122.D

Acq: 18 May 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

C0BQ0

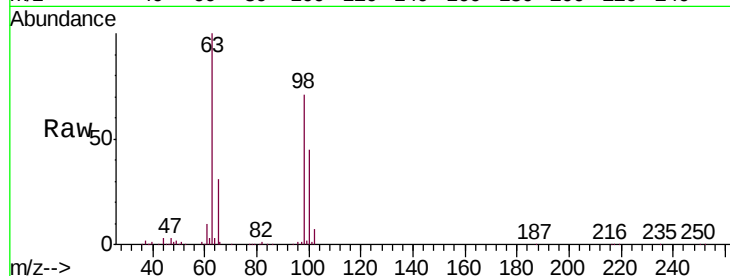
Tgt Ion: 96 Resp: 1816

Ion Ratio Lower Upper

96 100

61 804.6 111.7 207.5#

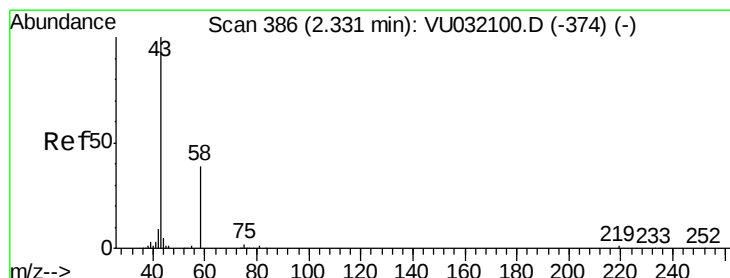
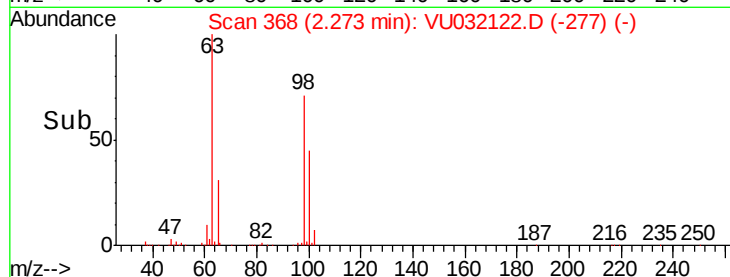
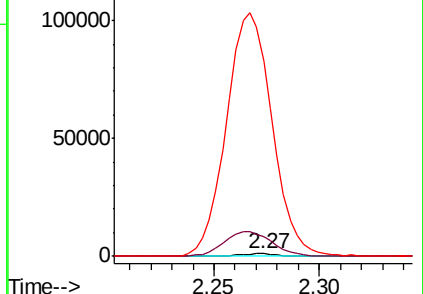
63 8135.6 152.2 282.6#



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



#13

Acetone

Concen: 78.795 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU032122.D

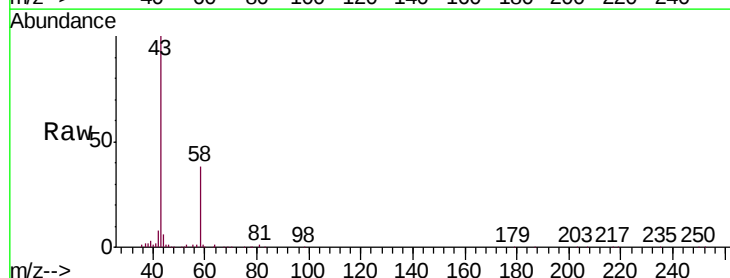
Acq: 18 May 2019 00:02

Tgt Ion: 43 Resp: 136548

Ion Ratio Lower Upper

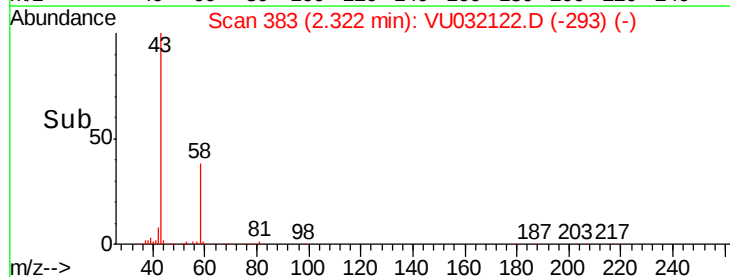
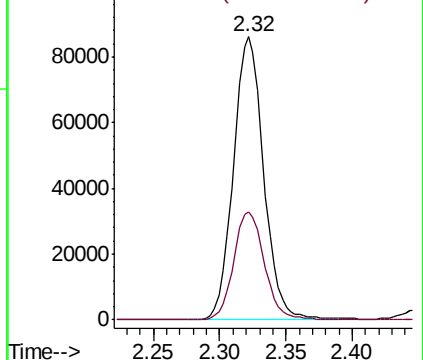
43 100

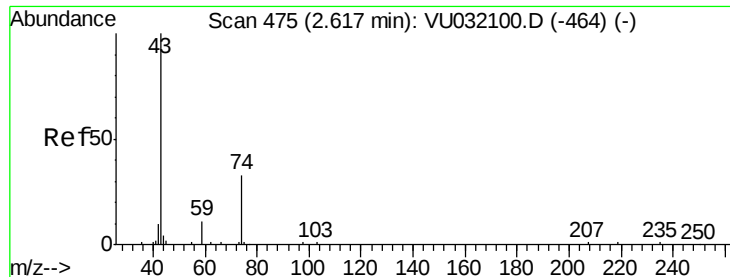
58 38.8 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

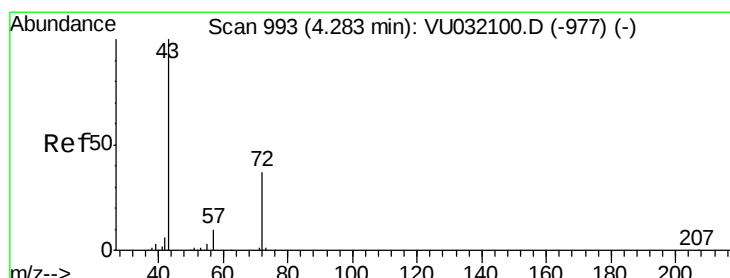
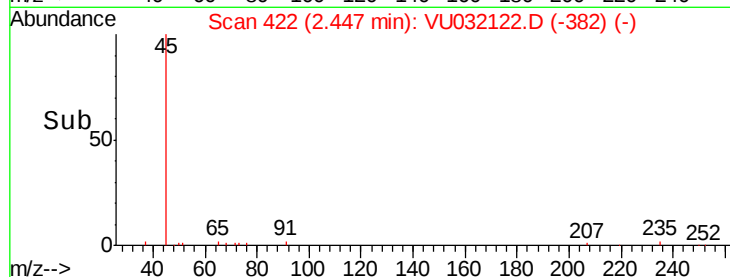
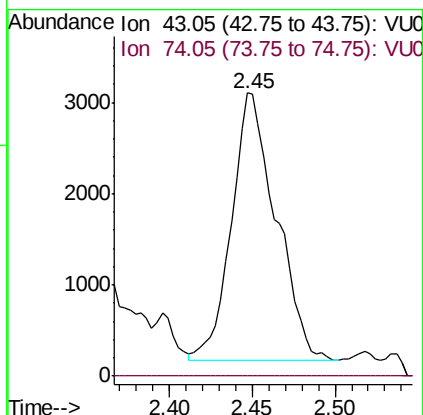
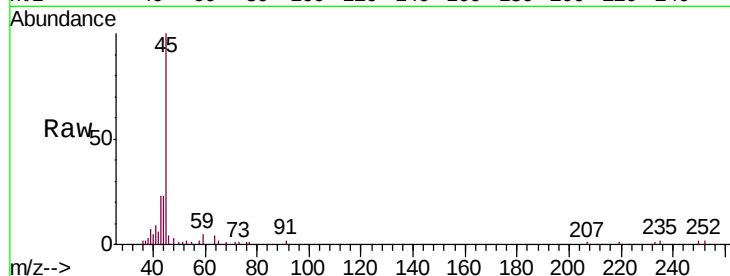




#15
Methyl Acetate
Concen: 1.106 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.17 min
Lab File: VU032122.D
Acq: 18 May 2019 00:02

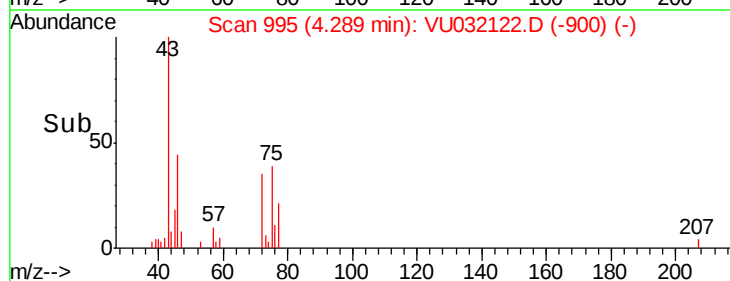
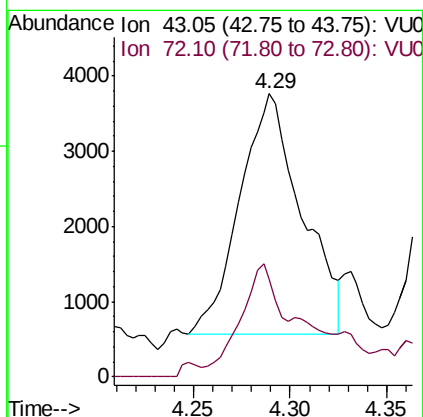
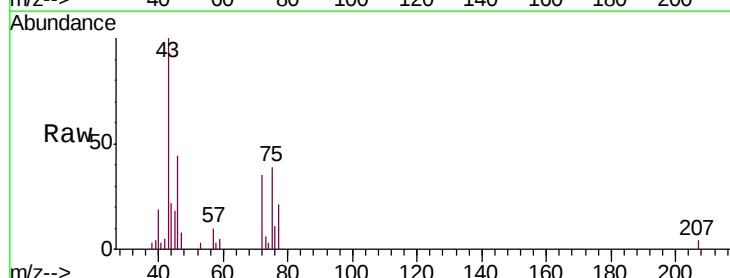
Instrument :
MSVOA_U
ClientSampleId :
C0BQ0

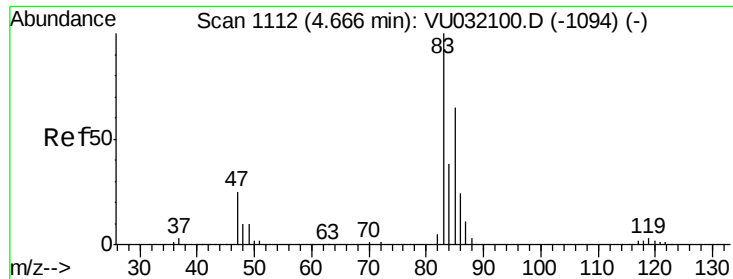
Tgt Ion: 43 Resp: 5497
Ion Ratio Lower Upper
43 100
74 4.9 26.4 39.6#



#21
2-Butanone
Concen: 2.858 ug/L
RT: 4.29 min Scan# 995
Delta R.T. 0.01 min
Lab File: VU032122.D
Acq: 18 May 2019 00:02

Tgt Ion: 43 Resp: 7110
Ion Ratio Lower Upper
43 100
72 25.3 16.8 50.3

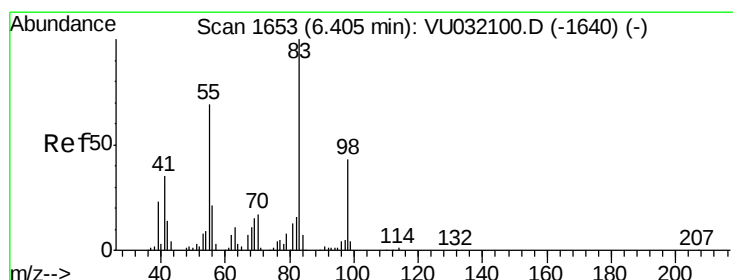
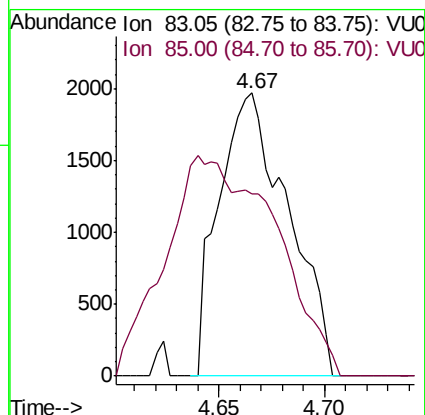
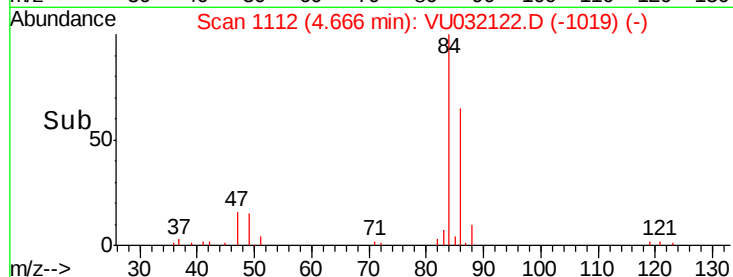
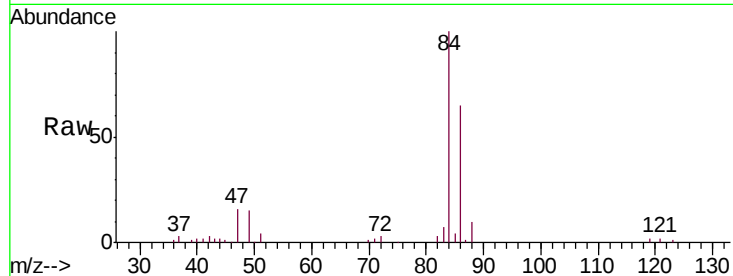




#25
Chloroform
Concen: 0.194 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU032122.D
Acq: 18 May 2019 00:02

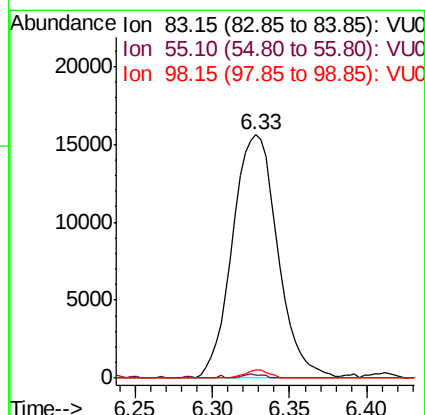
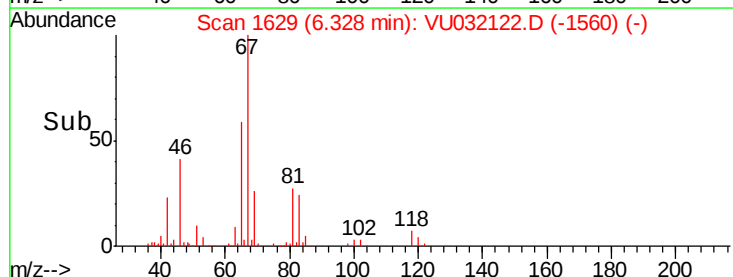
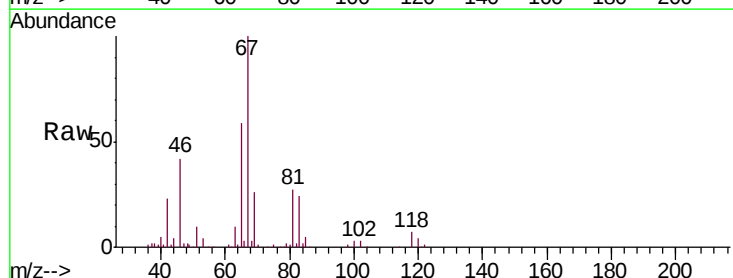
Instrument :
MSVOA_U
ClientSampleId :
C0BQ0

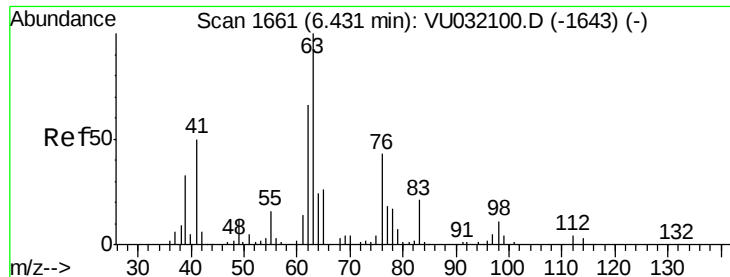
Tgt Ion: 83 Resp: 4513
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.3



#35
Methylcyclohexane
Concen: 1.569 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032122.D
Acq: 18 May 2019 00:02

Tgt Ion: 83 Resp: 31713
Ion Ratio Lower Upper
83 100
55 0.7 59.7 89.5#
98 1.7 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 1.023 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032122.D

Acq: 18 May 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

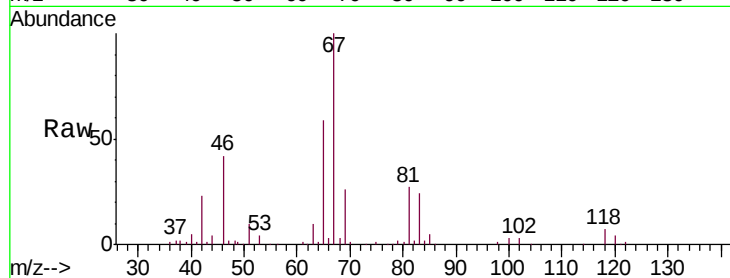
C0BQ0

Tgt Ion: 63 Resp: 12948

Ion Ratio Lower Upper

63 100

112 1.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032100.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU032100.D (-1643) (-)

6.33

6000

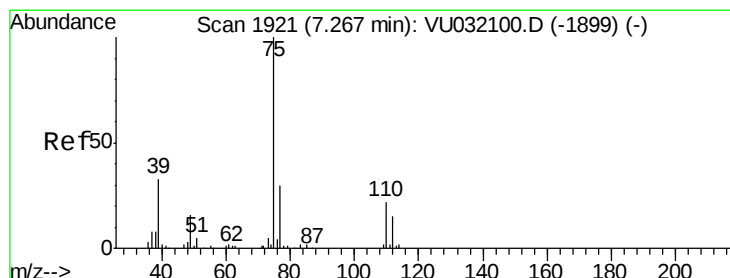
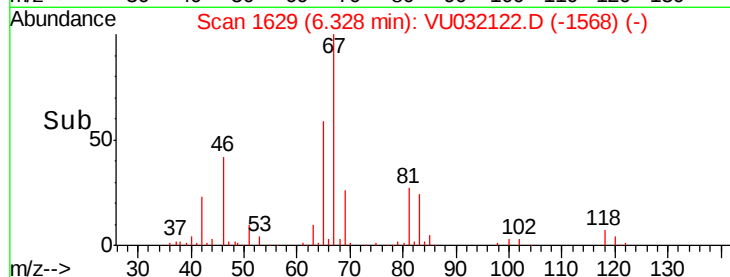
4000

2000

0

6.25 6.30 6.35 6.40

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.157 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032122.D

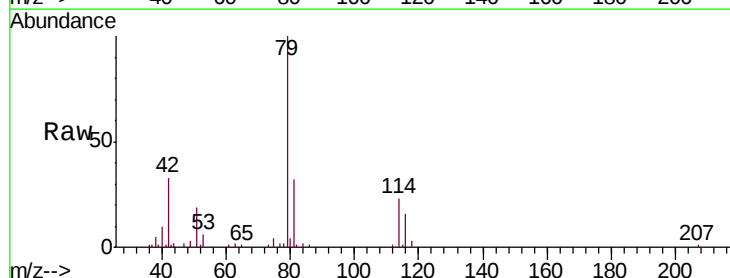
Acq: 18 May 2019 00:02

Tgt Ion: 75 Resp: 2751

Ion Ratio Lower Upper

75 100

77 50.3 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU032100.D (-1899) (-)

Ion 77.05 (76.75 to 77.75): VU032100.D (-1899) (-)

7.22

1500

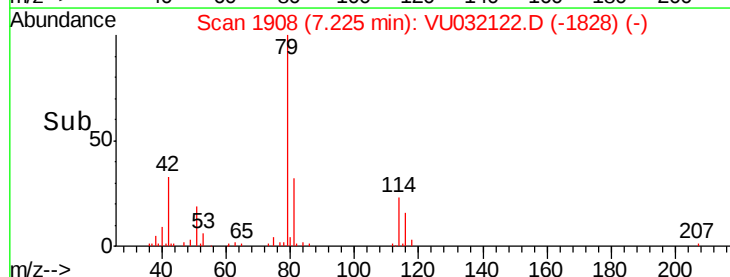
1000

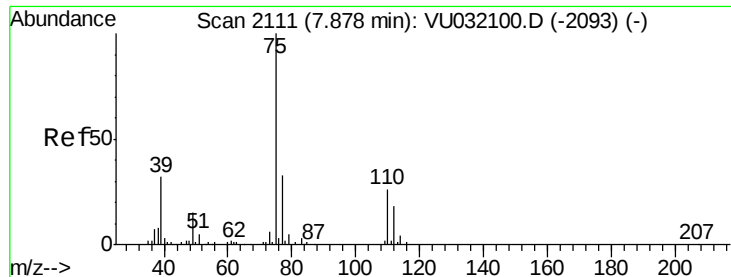
500

0

7.20 7.25

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.133 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032122.D

Acq: 18 May 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

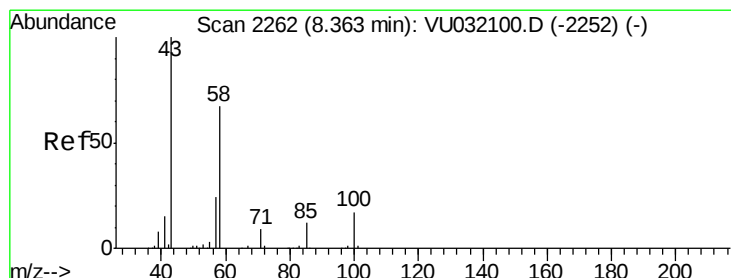
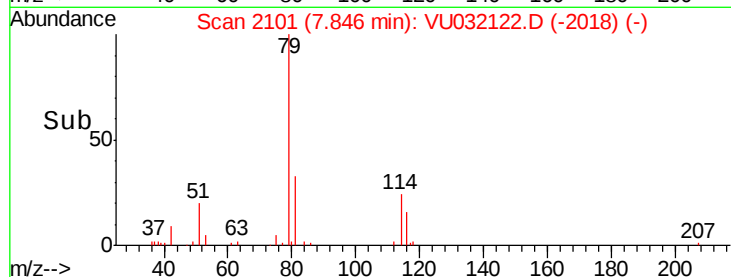
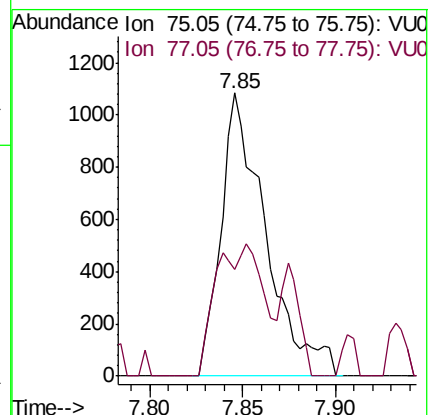
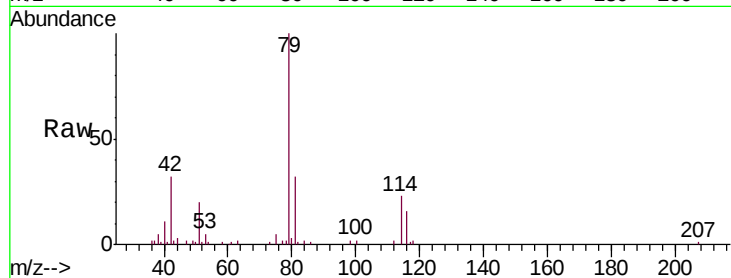
C0BQ0

Tgt Ion: 75 Resp: 1816

Ion Ratio Lower Upper

75 100

77 37.5 21.0 39.0



#48

2-Hexanone

Concen: 2.134 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU032122.D

Acq: 18 May 2019 00:02

Tgt Ion: 43 Resp: 9708

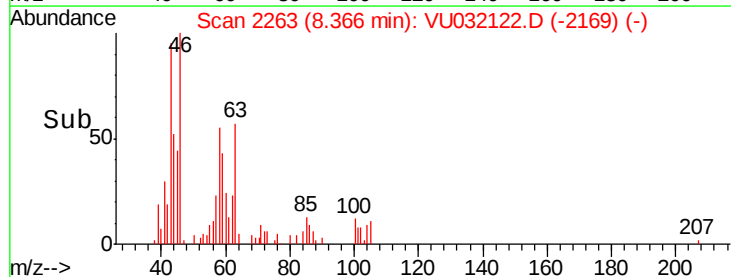
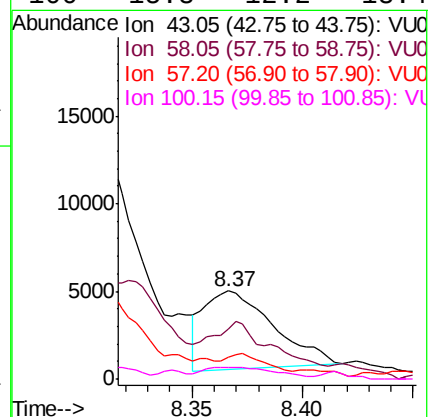
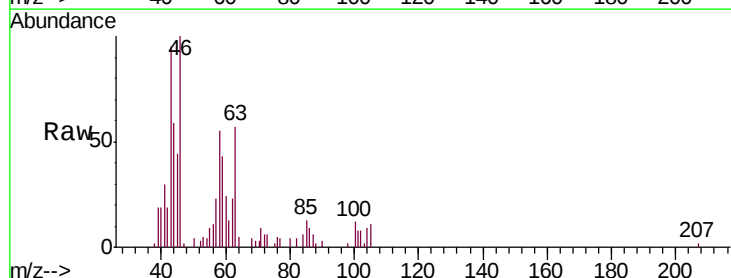
Ion Ratio Lower Upper

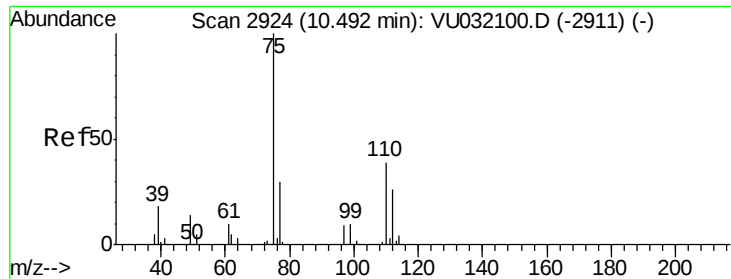
43 100

58 51.2 51.6 77.4#

57 11.7 18.4 27.6#

100 15.8 12.2 18.4





#59

1,2,3-Trichloropropane

Concen: 1.524 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032122.D

Acq: 18 May 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

C0BQ0

Tgt Ion: 75 Resp: 12245

Ion Ratio Lower Upper

75 100

77 43.2 26.2 39.2#

