

Data File : VU036632.D
Acq On : 30 Jan 2020 20:49
Operator : JC/MD
Sample : L1326-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT0

Quant Time: Jan 31 04:04:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	289955	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	272779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78555	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.34%
7) Chloroethane-d5	1.90	69	70756	37.97	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.94%
11) 1,1-Dichloroethene-d2	2.58	63	102384	29.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.32%#
21) 2-Butanone-d5	4.68	46	129460	100.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.43%
24) Chloroform-d	5.11	84	147481	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.94%
26) 1,2-Dichloroethane-d4	5.74	65	95237	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
32) Benzene-d6	5.76	84	329403	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
36) 1,2-Dichloropropane-d6	6.73	67	107456	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.93	98	314398	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%
43) trans-1,3-Dichloropropene-	8.21	79	49856	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.67	63	122090	110.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.11%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	165496	47.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.14%
64) 1,2-Dichlorobenzene-d4	12.21	152	116399	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%

Target Compounds

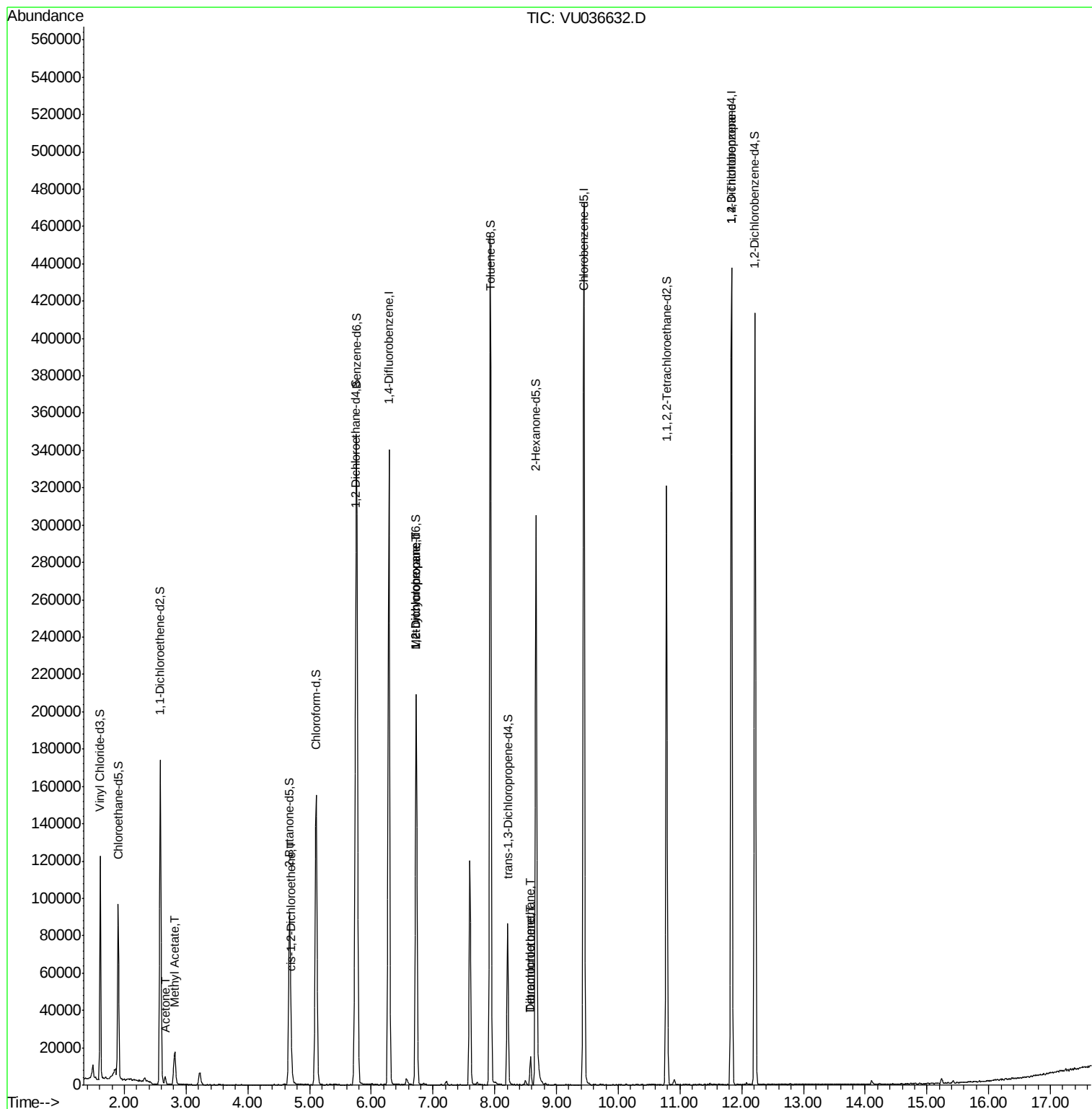
					Qvalue
13) Acetone	2.66	43	3670	2.941 ug/L	100
15) Methyl Acetate	2.81	43	4944	2.534 ug/L #	46
20) cis-1,2-Dichloroethene	4.71	96	3252	1.478 ug/L	88
35) Methylcyclohexane	6.73	83	24451	6.984 ug/L #	22
37) 1,2-Dichloropropane	6.73	63	10624	5.125 ug/L #	87
46) Tetrachloroethene	8.58	164	3580	2.099 ug/L	96
49) Dibromochloromethane	8.58	129	3310	1.504 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	13445	4.798 ug/L	91

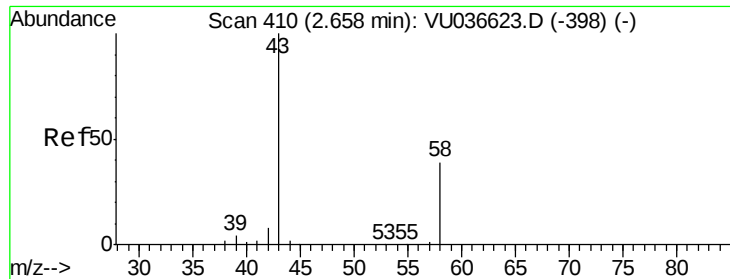
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.941 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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Acq: 30 Jan 2020 20:49

Instrument :

MSVOA_U

ClientSampleId :

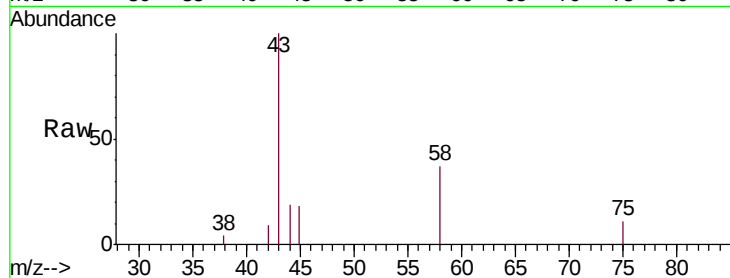
DBCT0

Tgt Ion: 43 Resp: 3670

Ion Ratio Lower Upper

43 100

58 37.4 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036632.D (-410) (-)

Ion 58.00 (57.70 to 58.70): VU036632.D (-410) (-)

2.66

2000

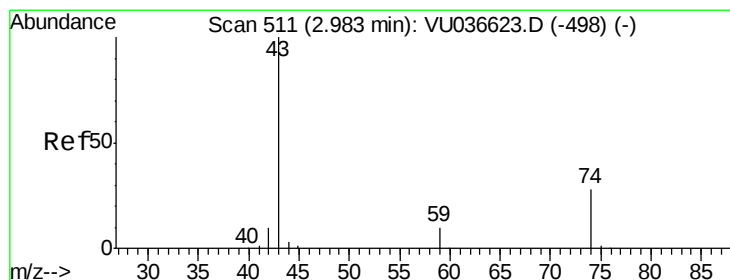
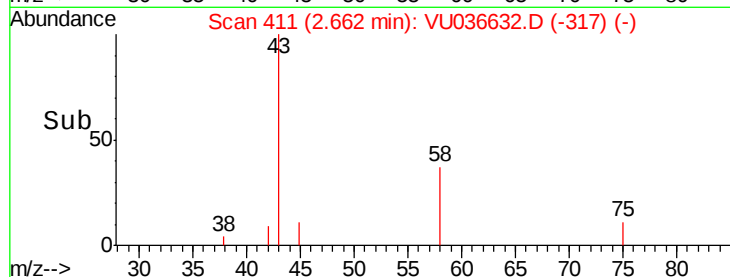
1500

1000

500

0

Time--> 2.60 2.65 2.70



#15

Methyl Acetate

Concen: 2.534 ug/L

RT: 2.81 min Scan# 458

Delta R.T. -0.17 min

Lab File: VU036632.D

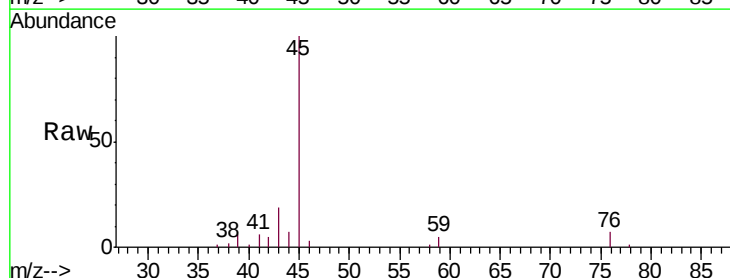
Acq: 30 Jan 2020 20:49

Tgt Ion: 43 Resp: 4944

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VU036632.D (-410) (-)

Ion 74.00 (73.70 to 74.70): VU036632.D (-410) (-)

2.81

2000

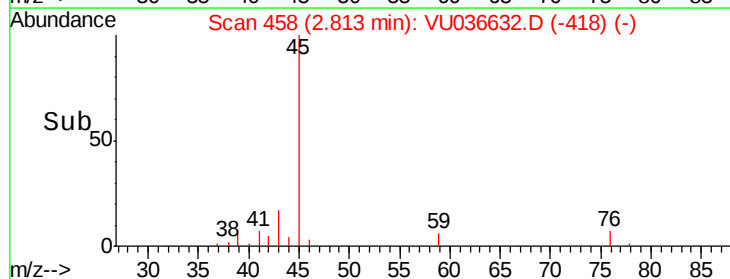
1500

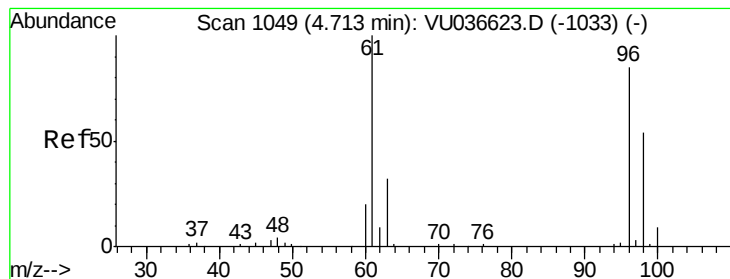
1000

500

0

Time--> 2.75 2.80 2.85





#20

cis-1,2-Dichloroethene

Concen: 1.478 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036632.D

Acq: 30 Jan 2020 20:49

Instrument :

MSVOA_U

ClientSampleId :

DBCT0

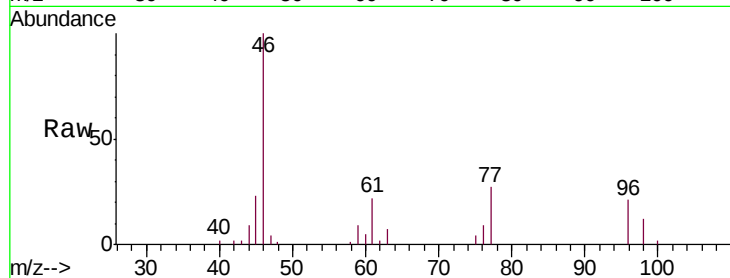
Tgt Ion: 96 Resp: 3252

Ion Ratio Lower Upper

96 100

61 104.0 82.2 152.6

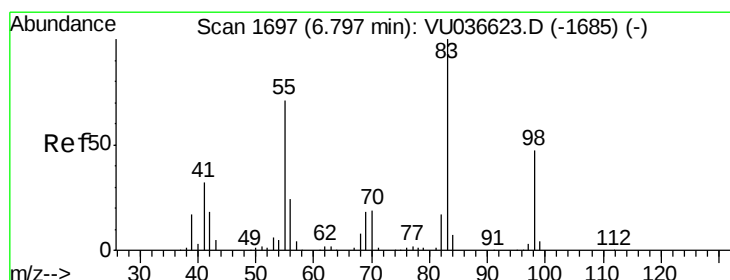
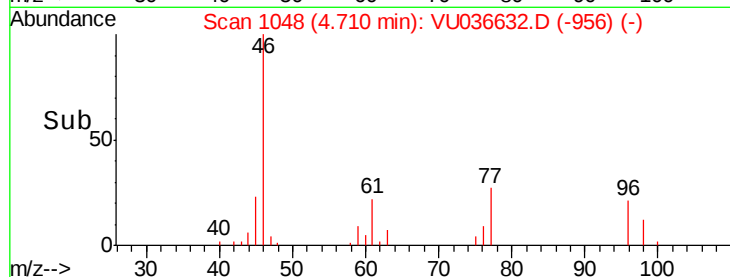
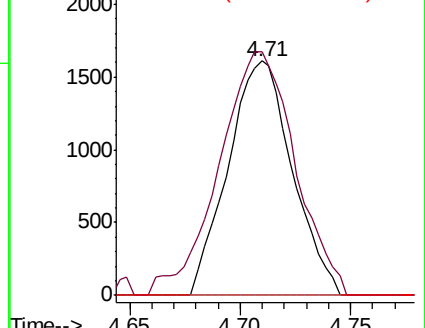
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036632.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU036632.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU036632.D (-956) (-)



#35

Methylcyclohexane

Concen: 6.984 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036632.D

Acq: 30 Jan 2020 20:49

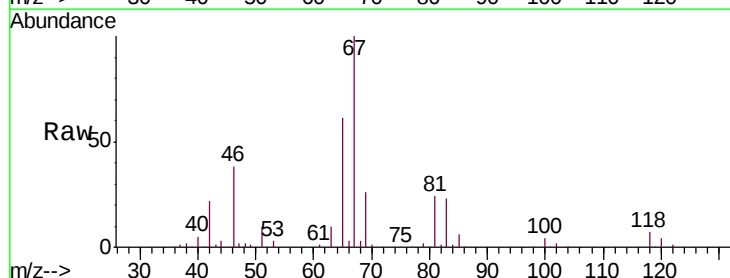
Tgt Ion: 83 Resp: 24451

Ion Ratio Lower Upper

83 100

55 0.0 56.1 84.1#

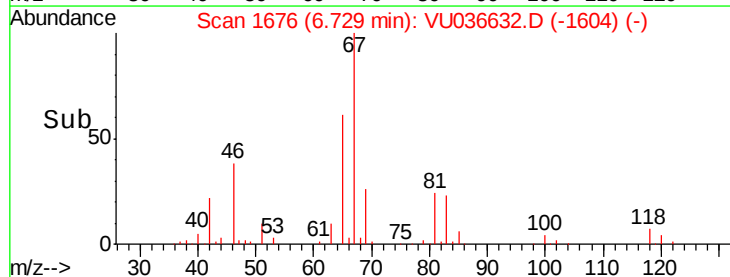
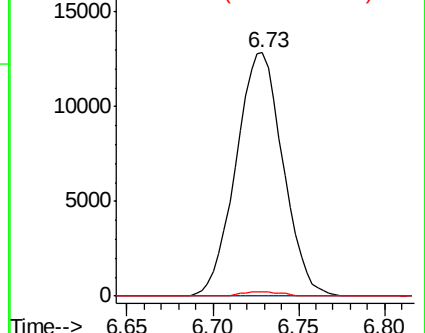
98 1.5 37.5 56.3#

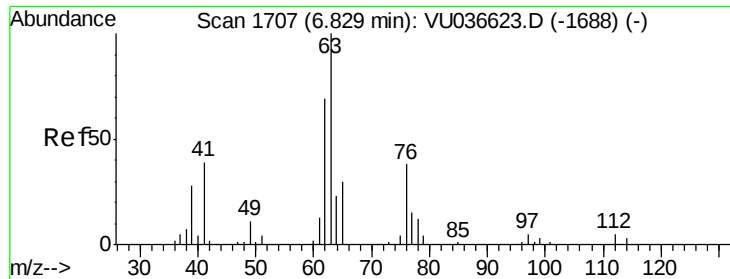


Abundance Ion 83.00 (82.70 to 83.70): VU036632.D (-1604) (-)

Ion 55.00 (54.70 to 55.70): VU036632.D (-1604) (-)

Ion 98.00 (97.70 to 98.70): VU036632.D (-1604) (-)

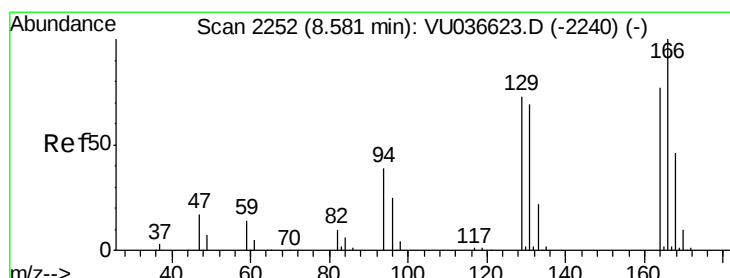
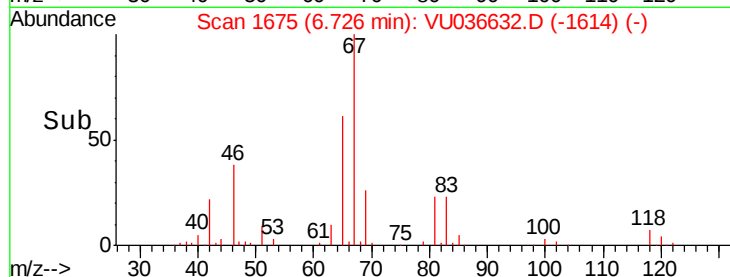
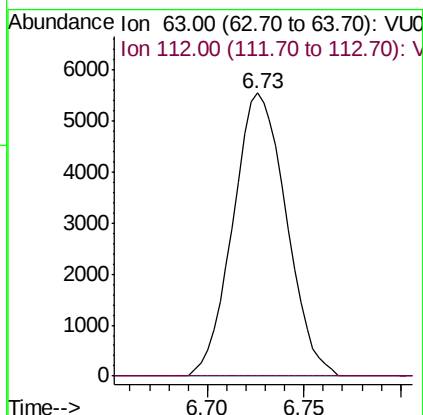
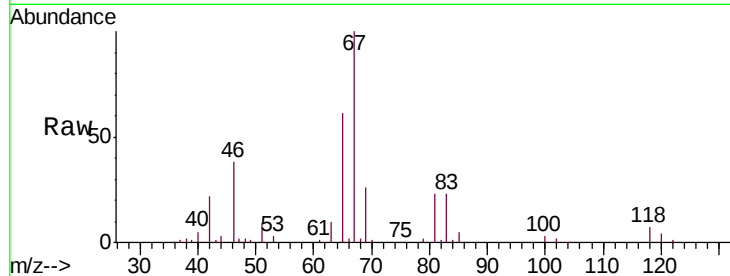




#37
 1,2-Dichloropropane
 Concen: 5.125 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036632.D
 Acq: 30 Jan 2020 20:49

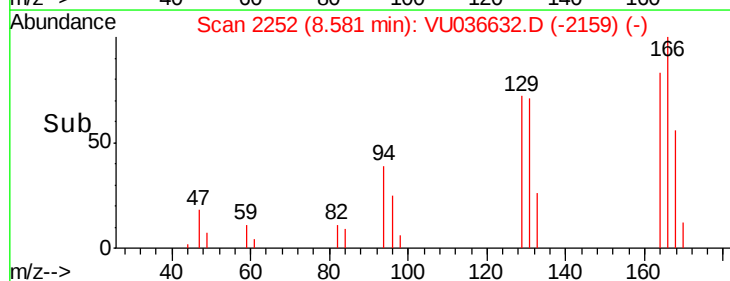
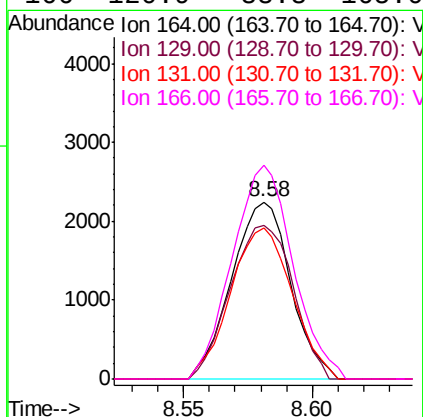
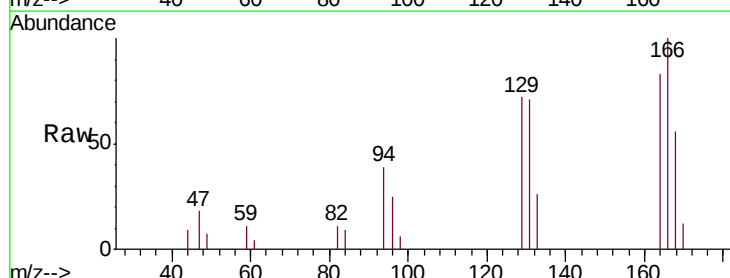
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT0

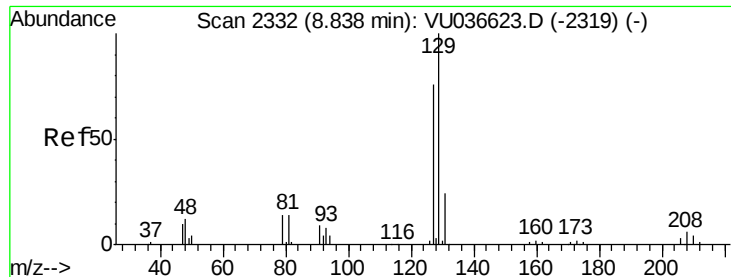
Tgt Ion: 63 Resp: 10624
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 2.099 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU036632.D
 Acq: 30 Jan 2020 20:49

Tgt Ion: 164 Resp: 3580
 Ion Ratio Lower Upper
 164 100
 129 87.2 64.2 119.2
 131 85.7 61.8 114.8
 166 120.9 88.8 165.0





#49

Dibromochloromethane

Concen: 1.504 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.26 min

Lab File: VU036632.D

Acq: 30 Jan 2020 20:49

Instrument :

MSVOA_U

ClientSampleId :

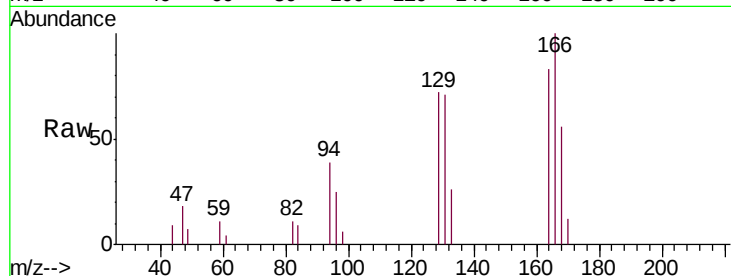
DBCT0

Tgt Ion:129 Resp: 3310

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.58

2000

1500

1000

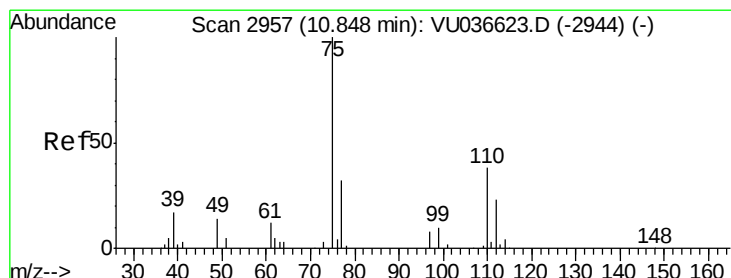
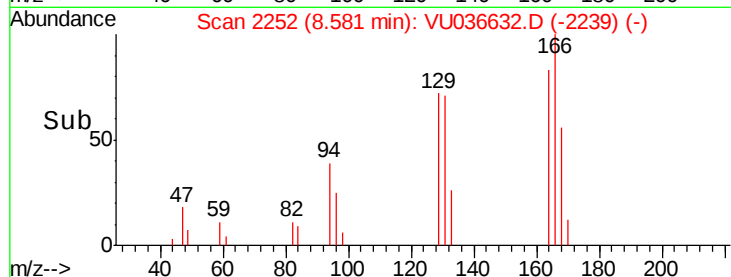
500

0

8.55

8.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.798 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

Lab File: VU036632.D

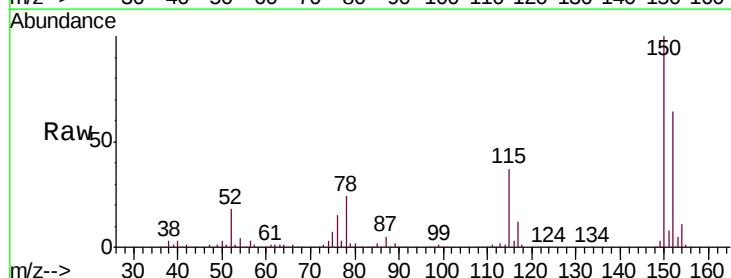
Acq: 30 Jan 2020 20:49

Tgt Ion: 75 Resp: 13445

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

10000

8000

6000

4000

2000

0

11.80

11.85

Time-->

