

Data File : VU032598.D
Acq On : 11 Jun 2019 10:42
Operator : JC/SP
Sample : K3277-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C0

Quant Time: Jun 12 05:34:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	174530	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	163272	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84594	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48971	43.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.50%
7) Chloroethane-d5	1.68	69	41081	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.27	63	74198	33.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.94%
21) 2-Butanone-d5	4.17	46	108252	114.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.24%
24) Chloroform-d	4.64	84	99075	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
26) 1,2-Dichloroethane-d4	5.30	65	67157	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
32) Benzene-d6	5.33	84	200249	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
36) 1,2-Dichloropropane-d6	6.32	67	65124	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.56	98	180183	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%
43) trans-1,3-Dichloropropene-	7.85	79	29528	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.84%
47) 2-Hexanone-d5	8.31	63	62988	97.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96086	49.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	78462	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

Target Compounds

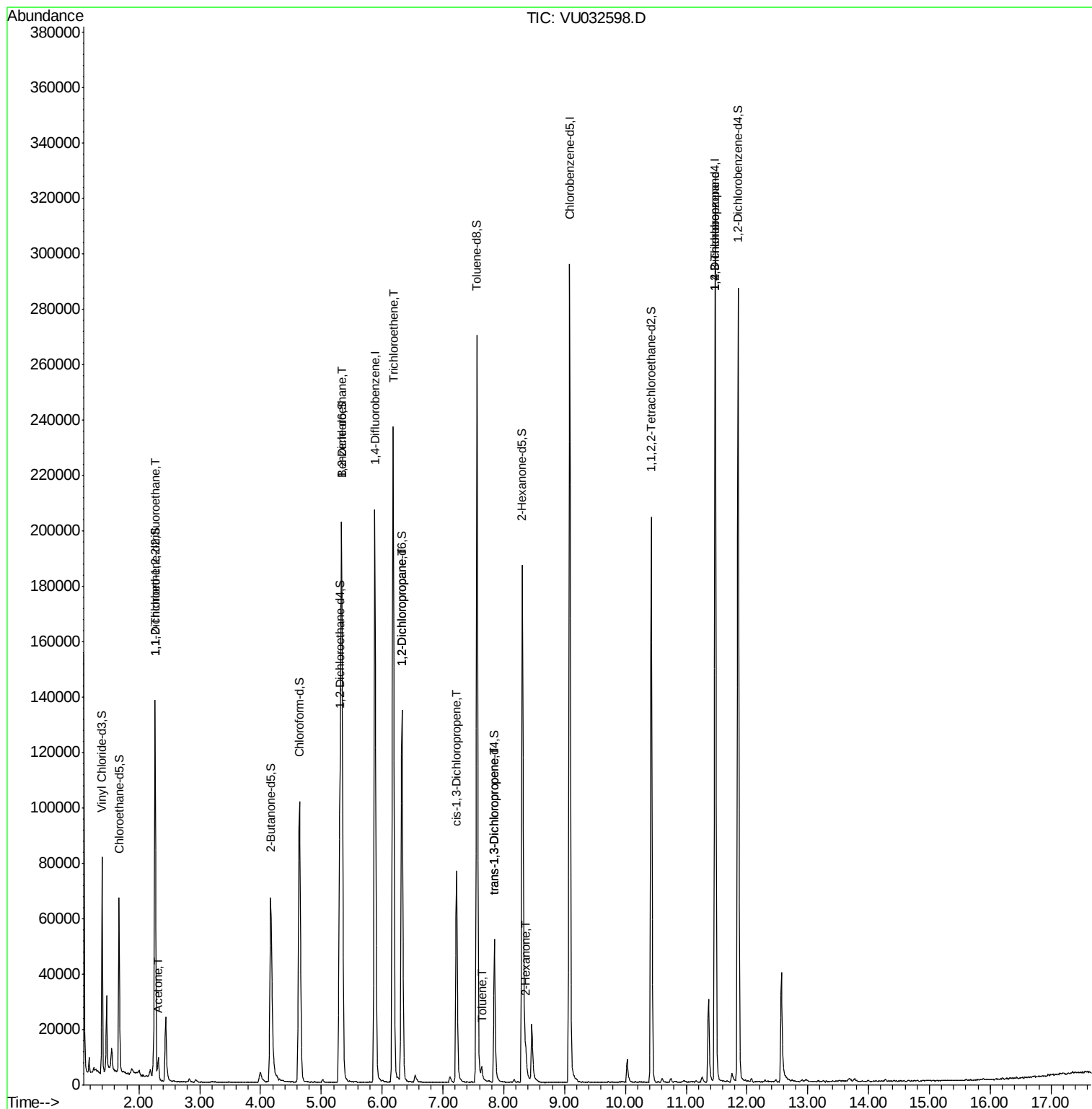
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	666	0.624 ug/L #	18
13) Acetone	2.32	43	8105	8.289 ug/L	97
27) 1,2-Dichloroethane	5.33	62	1143	0.685 ug/L #	75
34) Trichloroethene	6.18	95	79016	63.311 ug/L	99
37) 1,2-Dichloropropane	6.32	63	7251	5.963 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2163	1.127 ug/L #	74
42) Toluene	7.64	91	4133	0.823 ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	1441	0.846 ug/L #	74
48) 2-Hexanone	8.36	43	4702	2.926 ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	9959	6.300 ug/L	91

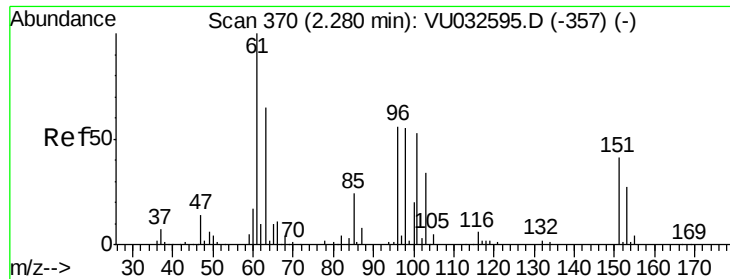
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.624 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032598.D

Acq: 11 Jun 2019 10:42

Instrument :

MSVOA_U

ClientSampleId :

DB8C0

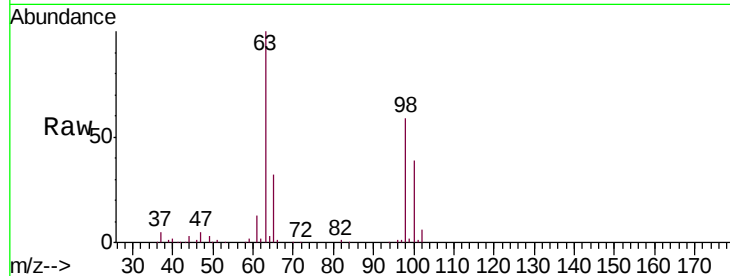
Tgt Ion:101 Resp: 666

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27

400

300

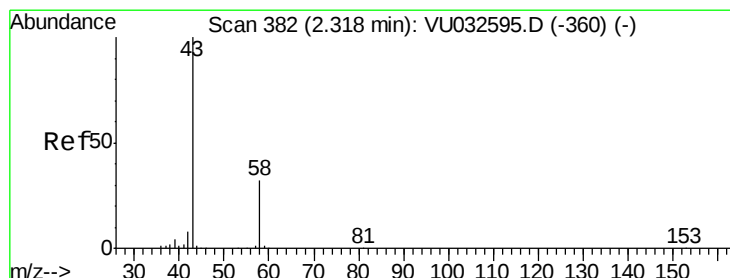
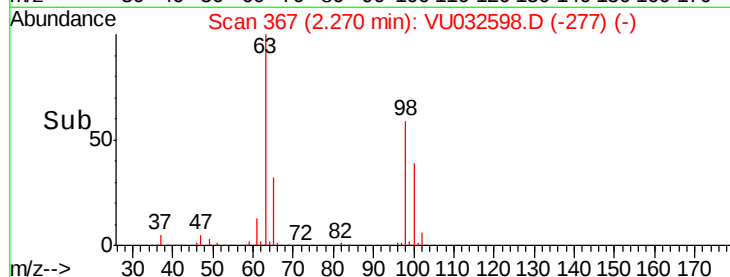
200

100

0

2.24 2.26 2.28 2.30

Time-->



#13

Acetone

Concen: 8.289 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032598.D

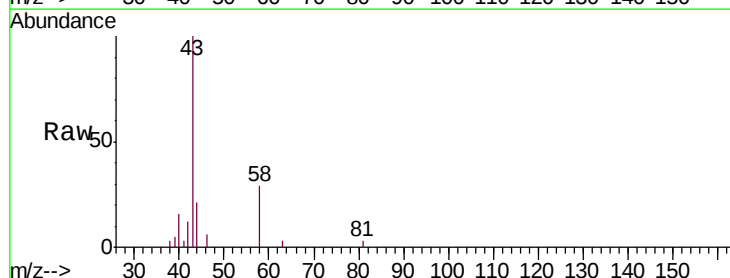
Acq: 11 Jun 2019 10:42

Tgt Ion: 43 Resp: 8105

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

5000

4000

3000

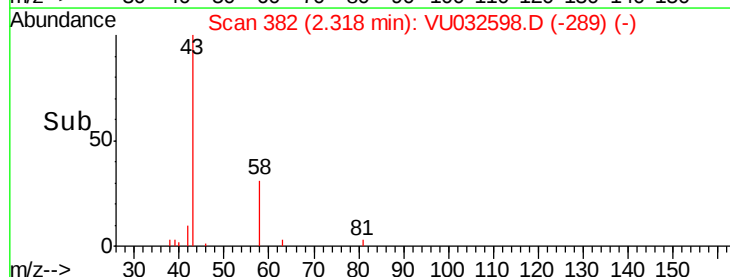
2000

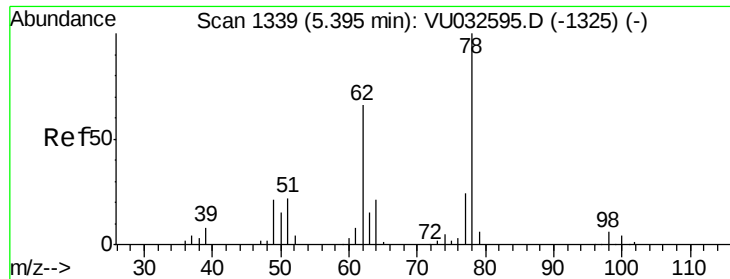
1000

0

2.25 2.30 2.35 2.40

Time-->





#27

1,2-Dichloroethane

Concen: 0.685 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.06 min

Lab File: VU032598.D

Acq: 11 Jun 2019 10:42

Instrument :

MSVOA_U

ClientSampleId :

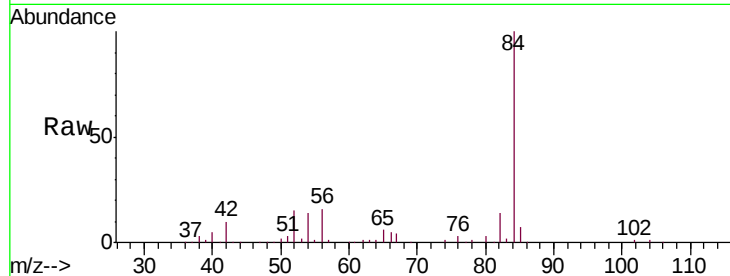
DB8C0

Tgt Ion: 62 Resp: 1143

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



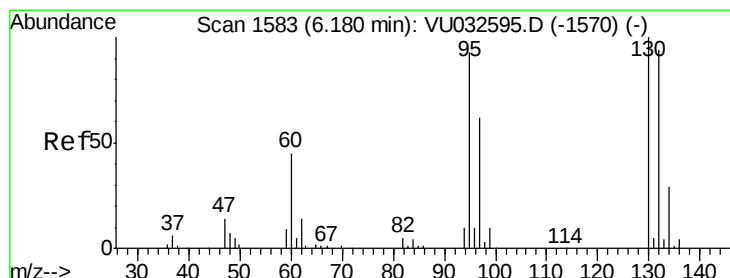
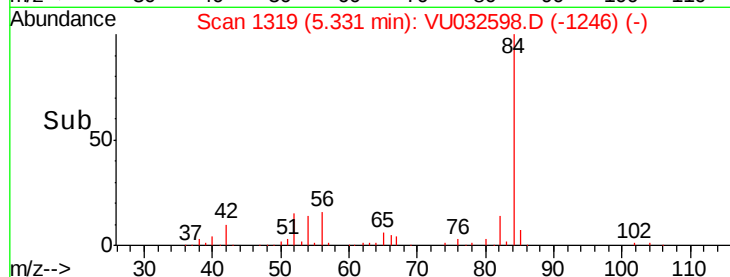
Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.33

5.35

Time-->



#34

Trichloroethene

Concen: 63.311 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032598.D

Acq: 11 Jun 2019 10:42

Tgt Ion: 95 Resp: 79016

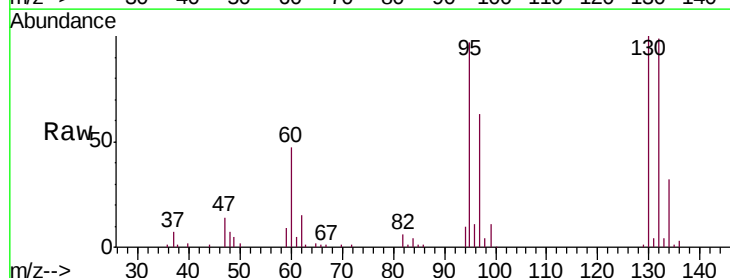
Ion Ratio Lower Upper

95 100

97 64.7 45.8 85.2

132 101.5 71.0 131.8

130 103.0 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

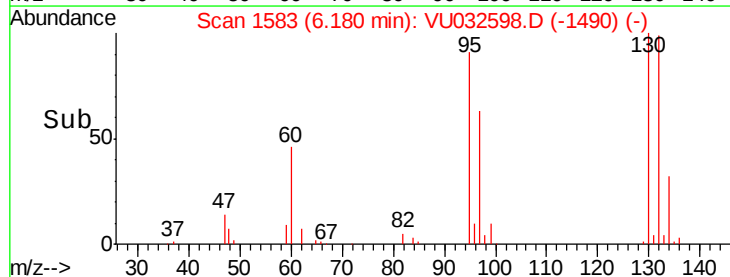
Ion 130.00 (129.70 to 130.70): V

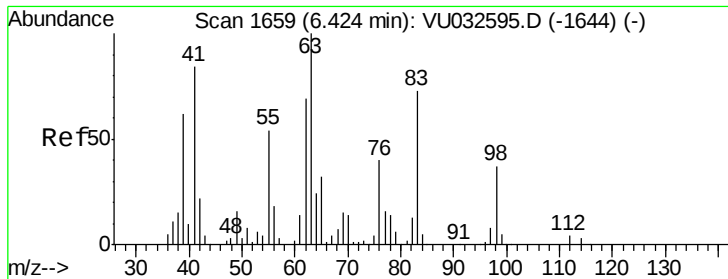
6.18

6.20

6.25

Time-->

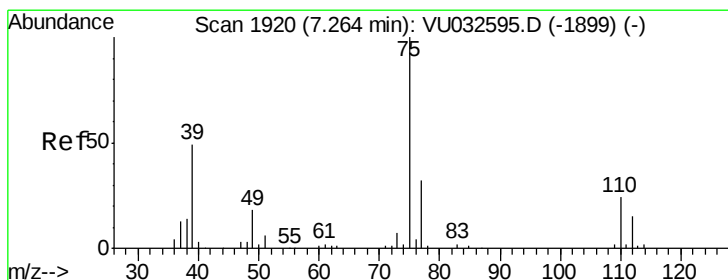
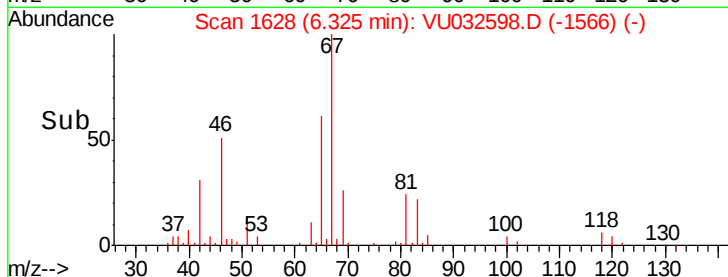
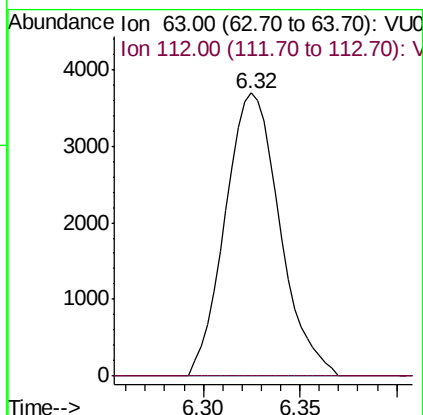
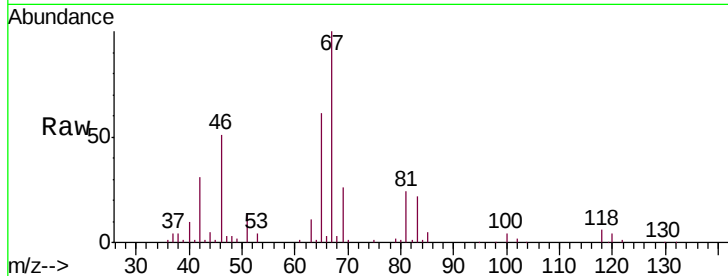




#37
 1,2-Dichloropropane
 Concen: 5.963 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032598.D
 Acq: 11 Jun 2019 10:42

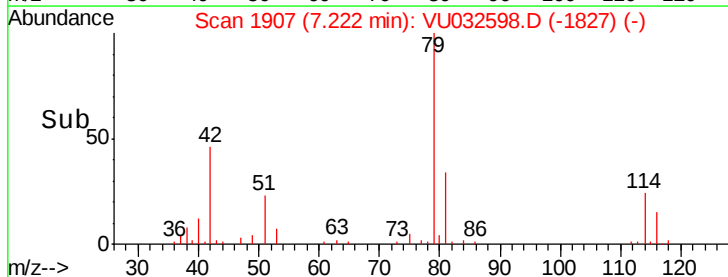
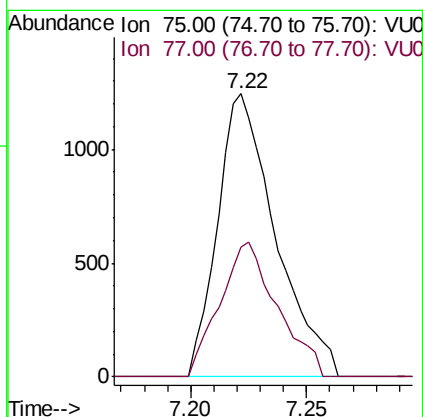
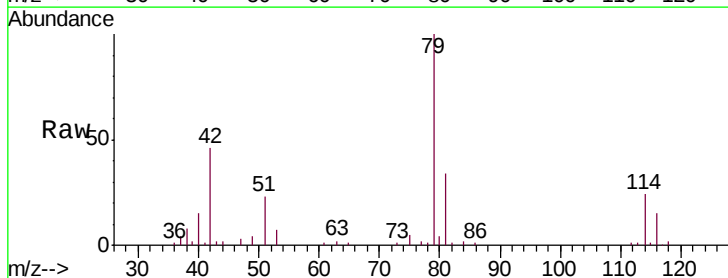
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C0

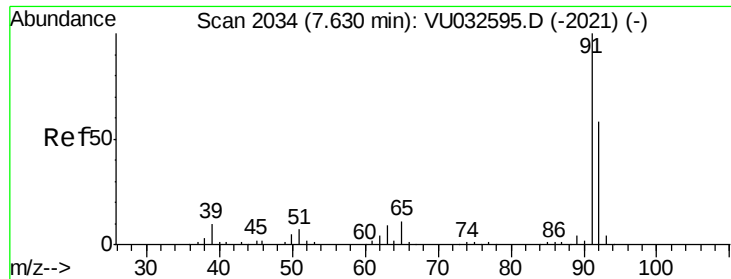
Tgt Ion: 63 Resp: 7251
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.127 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032598.D
 Acq: 11 Jun 2019 10:42

Tgt Ion: 75 Resp: 2163
 Ion Ratio Lower Upper
 75 100
 77 45.7 22.0 41.0#





#42

Toluene

Concen: 0.823 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032598.D

Acq: 11 Jun 2019 10:42

Instrument :

MSVOA_U

ClientSampleId :

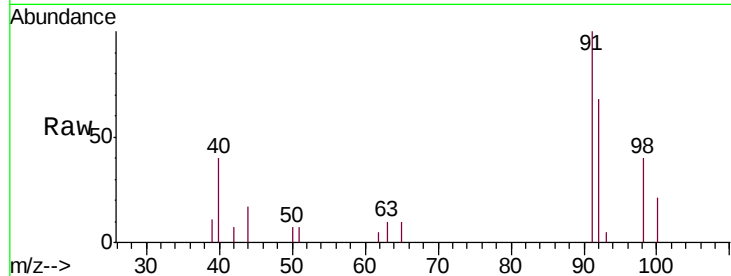
DB8C0

Tgt Ion: 91 Resp: 4133

Ion Ratio Lower Upper

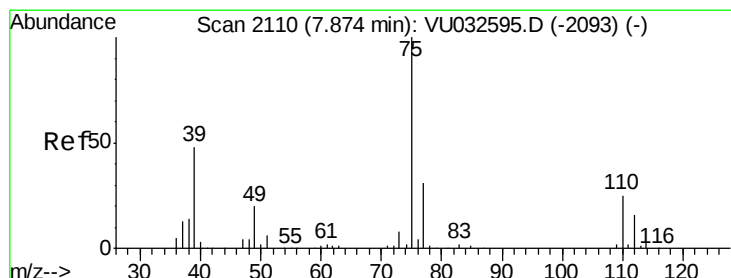
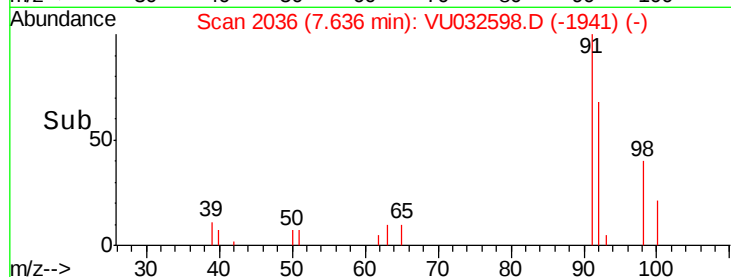
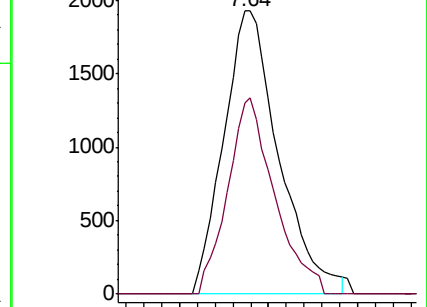
91 100

92 67.7 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032595.D (-2021) (-)

Ion 92.00 (91.70 to 92.70): VU032595.D (-2021) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.846 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032598.D

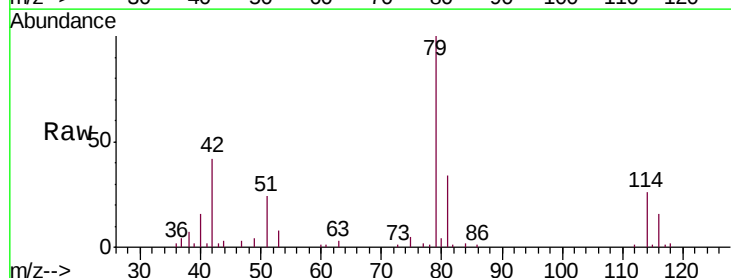
Acq: 11 Jun 2019 10:42

Tgt Ion: 75 Resp: 1441

Ion Ratio Lower Upper

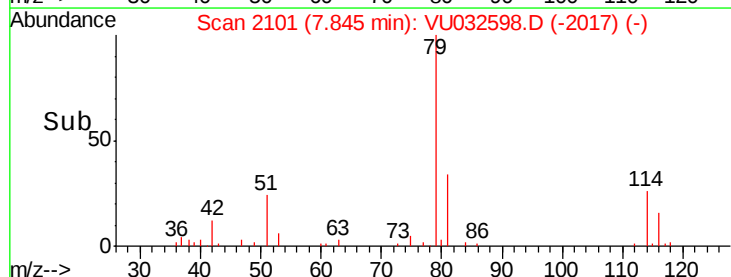
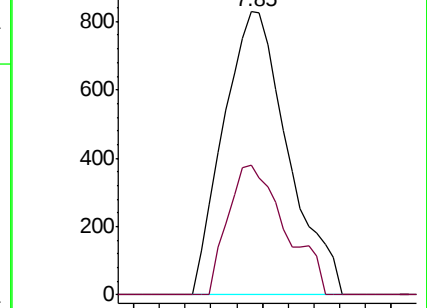
75 100

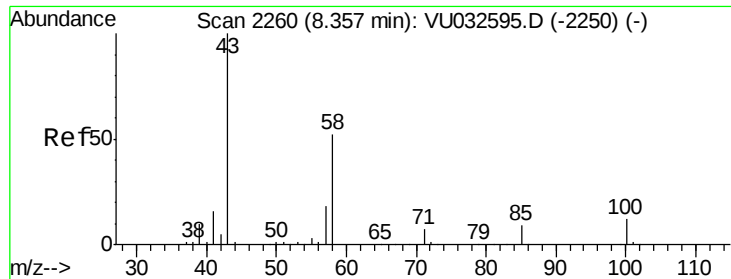
77 45.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032595.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU032595.D (-2093) (-)

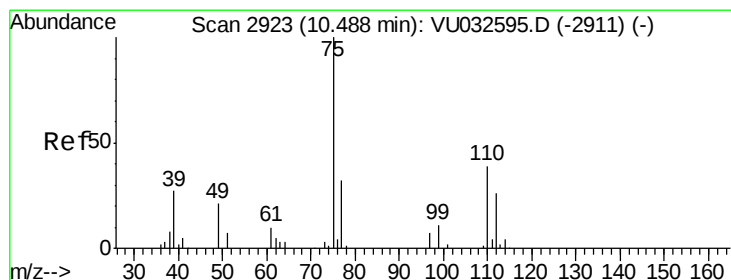
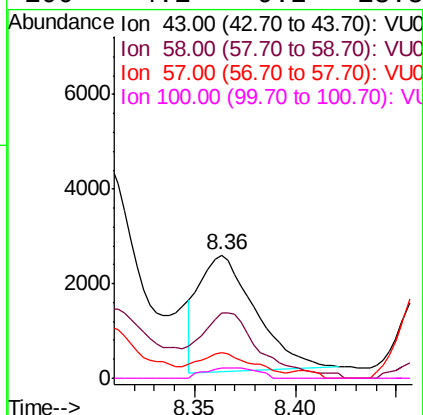
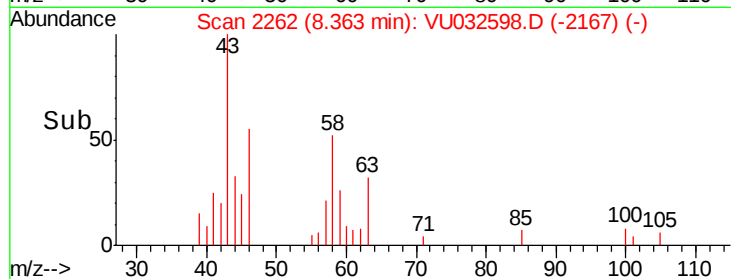
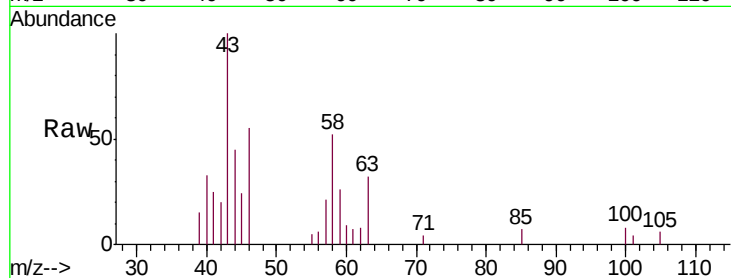




#48
2-Hexanone
Concen: 2.926 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032598.D
Acq: 11 Jun 2019 10:42

Instrument :
MSVOA_U
ClientSampled :
DB8C0

Tgt Ion: 43 Resp: 4702
Ion Ratio Lower Upper
43 100
58 52.9 42.0 63.0
57 22.2 14.6 22.0#
100 4.1 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.300 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032598.D
Acq: 11 Jun 2019 10:42

Tgt Ion: 75 Resp: 9959
Ion Ratio Lower Upper
75 100
77 36.8 25.6 38.4

