

Data File : VU032813.D
Acq On : 18 Jun 2019 10:57
Operator : JC/SP
Sample : K3363-07MEDL 40X
Misc : 3.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JX0MEDL

Quant Time: Jun 19 01:30:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	238943	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	227243	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	118075	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66286	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.18%
7) Chloroethane-d5	1.67	69	56278	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.42%
11) 1,1-Dichloroethene-d2	2.26	63	103615	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.17	46	125211	92.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.12%
24) Chloroform-d	4.64	84	134844	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	5.30	65	95193	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
32) Benzene-d6	5.33	84	270126	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.32	67	87503	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.74%
41) Toluene-d8	7.56	98	249424	44.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.92%
43) trans-1,3-Dichloropropene-	7.84	79	42660	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.31	63	81675	92.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.69%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	125647	43.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	104278	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%

Target Compounds

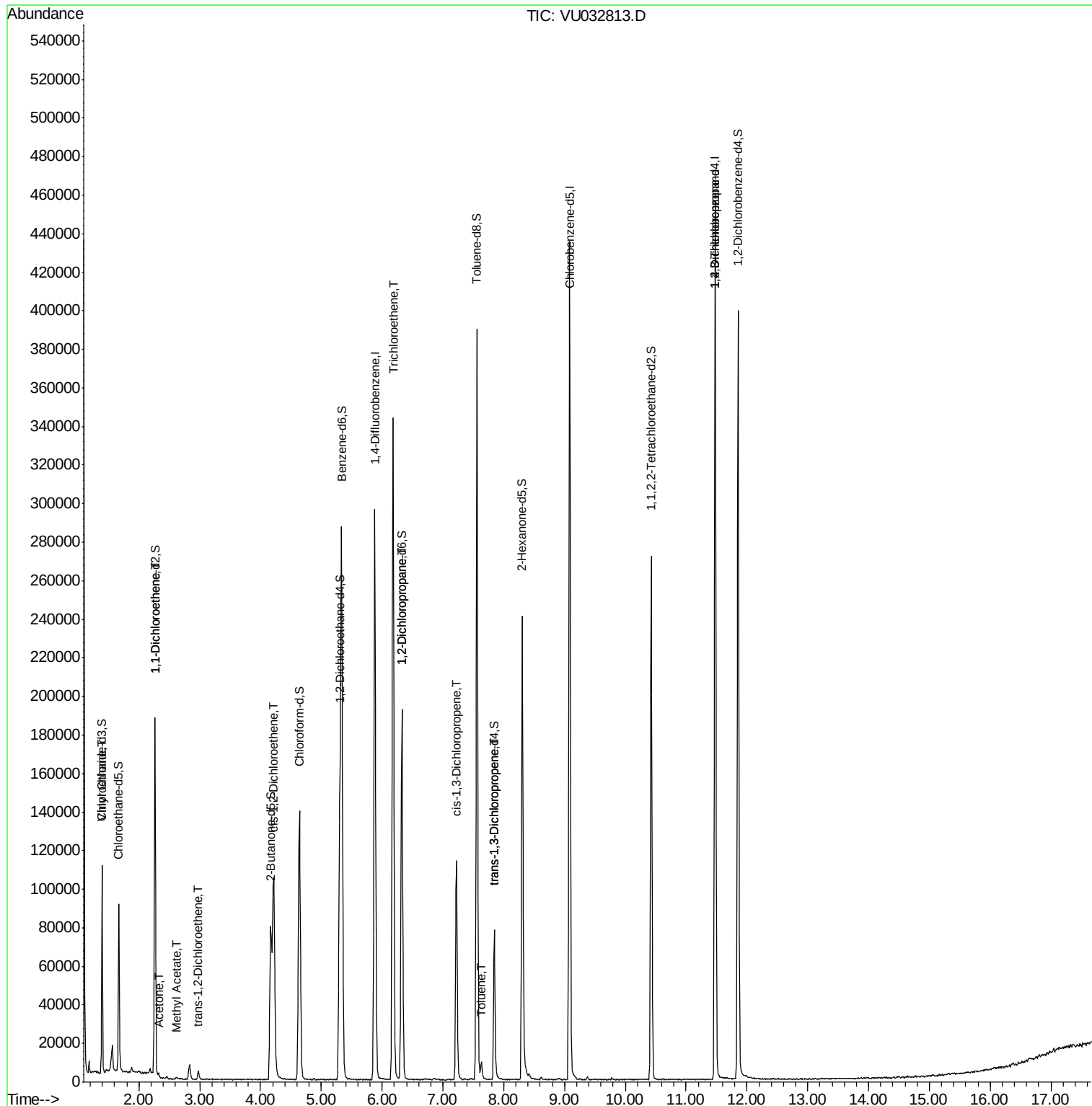
					Qvalue
8) Chloroethane	1.40	64	988	0.791 ug/L #	1
12) 1,1-Dichloroethene	2.27	96	884	0.587 ug/L #	1
13) Acetone	2.32	43	1529	0.814 ug/L	70
15) Methyl Acetate	2.62	43	1498	0.704 ug/L #	85
17) trans-1,2-Dichloroethene	2.98	96	1562	0.957 ug/L	91
20) cis-1,2-Dichloroethene	4.22	96	52878	29.747 ug/L	99
34) Trichloroethene	6.18	95	113086	64.655 ug/L	99
37) 1,2-Dichloropropane	6.32	63	10133	5.643 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3093	1.106 ug/L	89
42) Toluene	7.63	91	6360	0.898 ug/L	99
44) trans-1,3-Dichloropropene	7.84	75	2253	0.857 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	15266	6.370 ug/L	89

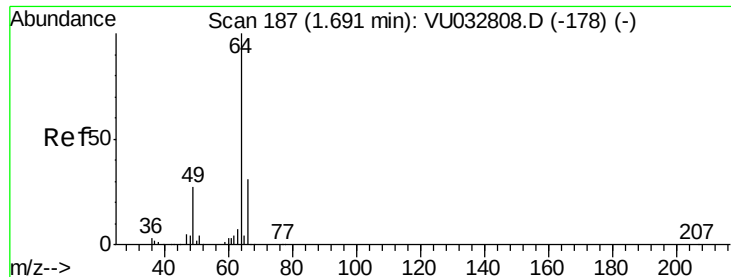
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#8

Chloroethane

Concen: 0.791 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032813.D

Acq: 18 Jun 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

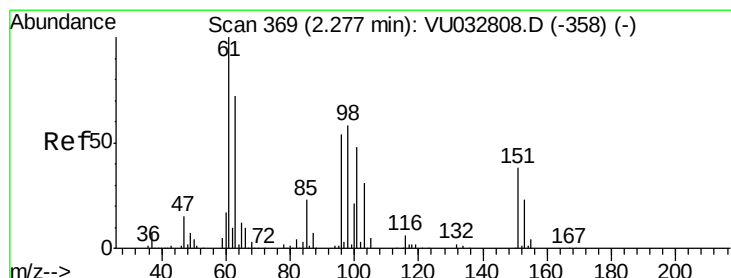
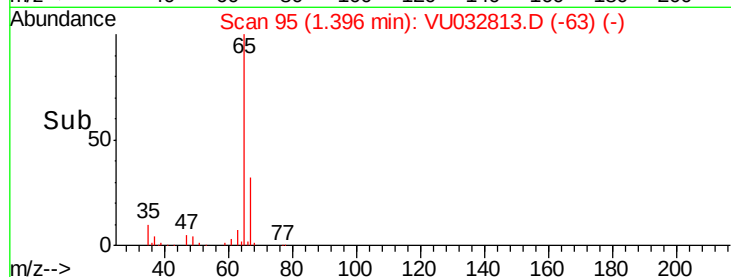
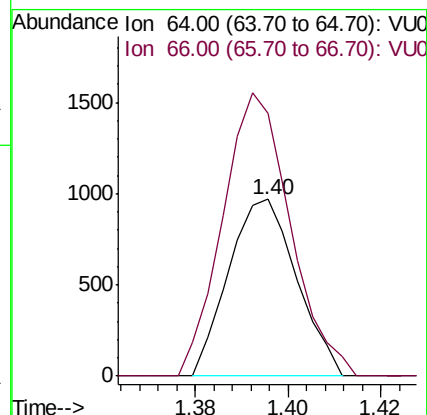
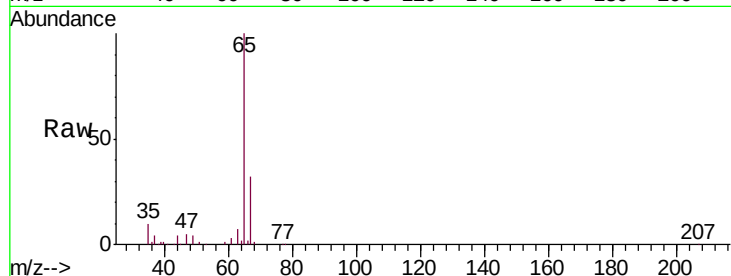
C0JX0MEDL

Tgt Ion: 64 Resp: 988

Ion Ratio Lower Upper

64 100

66 149.2 22.5 41.7#



#12

1,1-Dichloroethene

Concen: 0.587 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032813.D

Acq: 18 Jun 2019 10:57

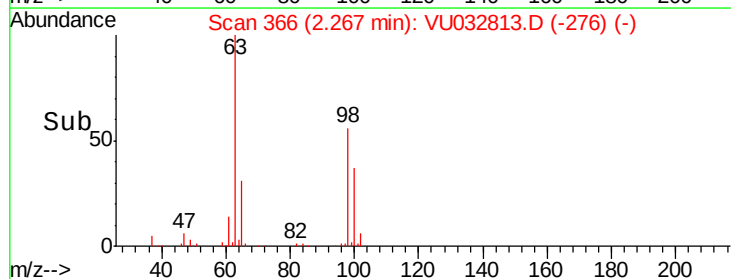
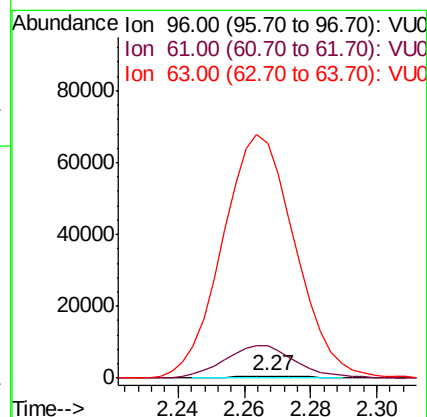
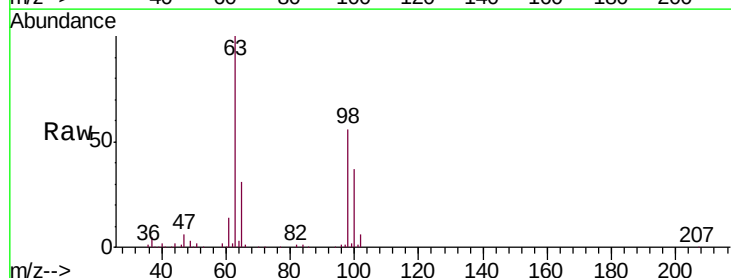
Tgt Ion: 96 Resp: 884

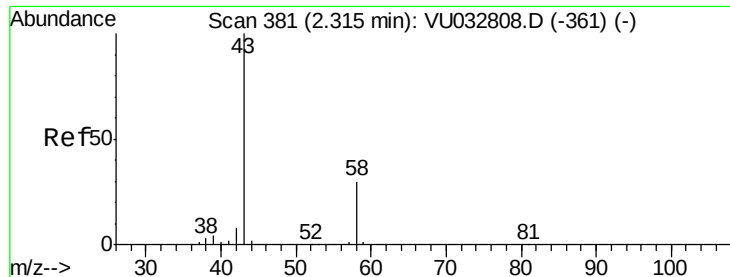
Ion Ratio Lower Upper

96 100

61 1638.6 131.0 243.4#

63 12076.9 101.0 187.6#





#13

Acetone

Concen: 0.814 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032813.D

Acq: 18 Jun 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

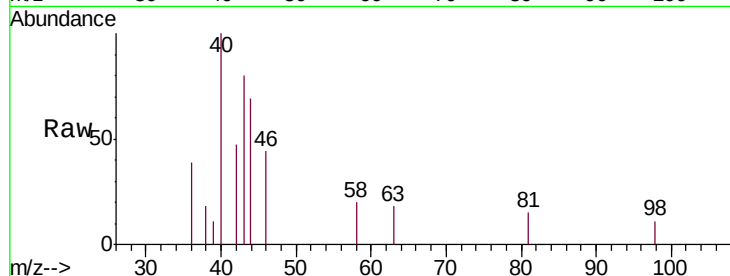
C0JX0MEDL

Tgt Ion: 43 Resp: 1529

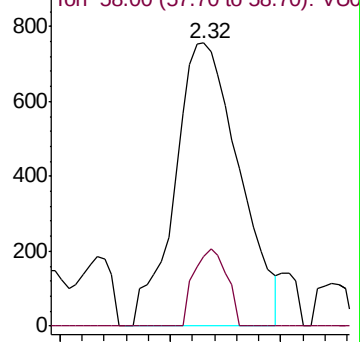
Ion Ratio Lower Upper

43 100

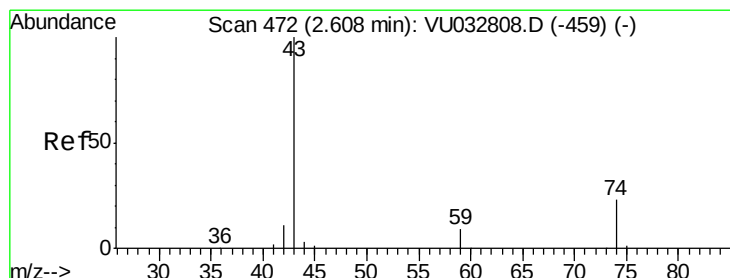
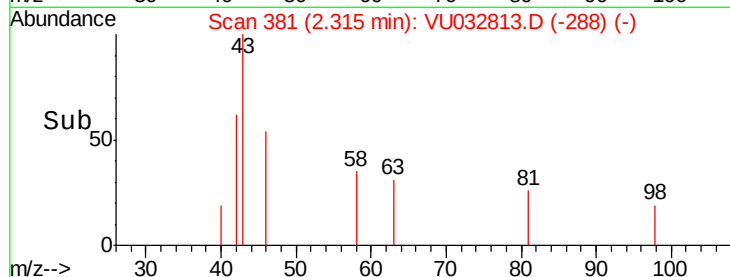
58 14.1 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032813.D (-288) (-)



Time--> 2.25 2.30 2.35



#15

Methyl Acetate

Concen: 0.704 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032813.D

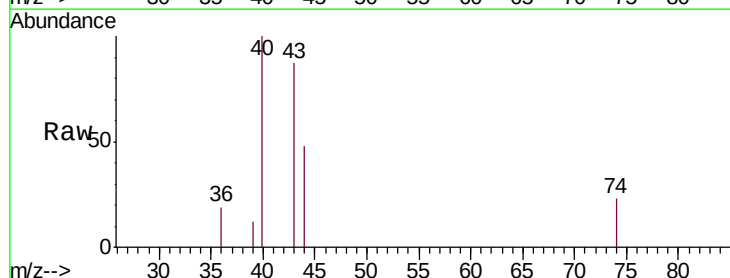
Acq: 18 Jun 2019 10:57

Tgt Ion: 43 Resp: 1498

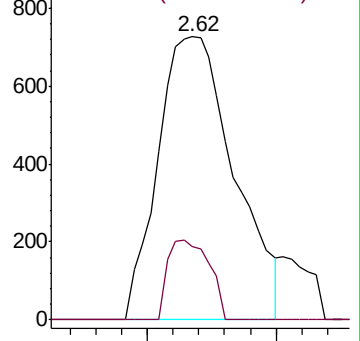
Ion Ratio Lower Upper

43 100

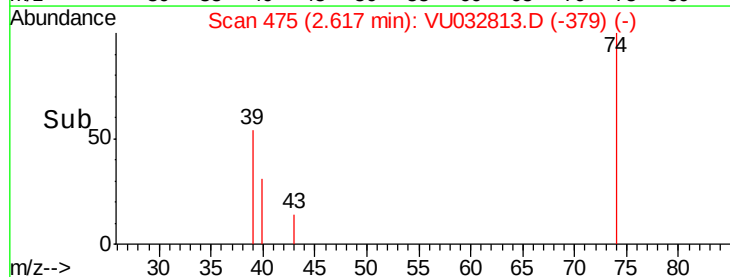
74 15.3 18.1 27.1#

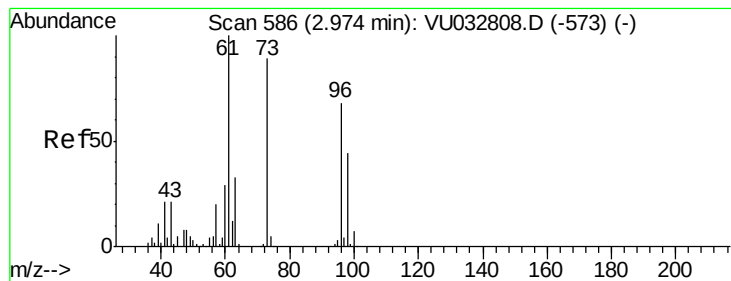


Abundance Ion 43.00 (42.70 to 43.70): VU032813.D (-379) (-)



Time--> 2.60 2.65





#17

trans-1,2-Dichloroethene

Concen: 0.957 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032813.D

Acq: 18 Jun 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

C0JX0MEDL

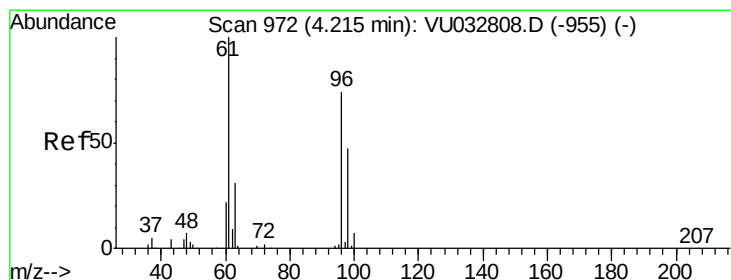
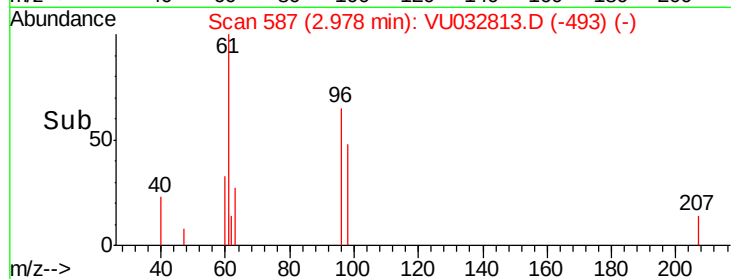
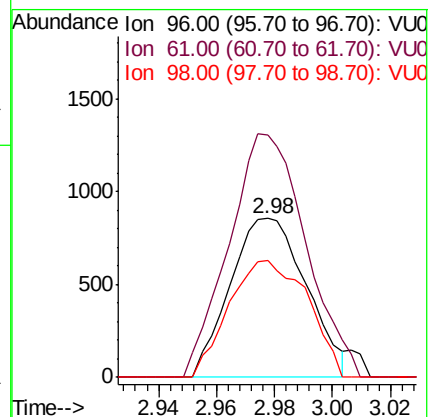
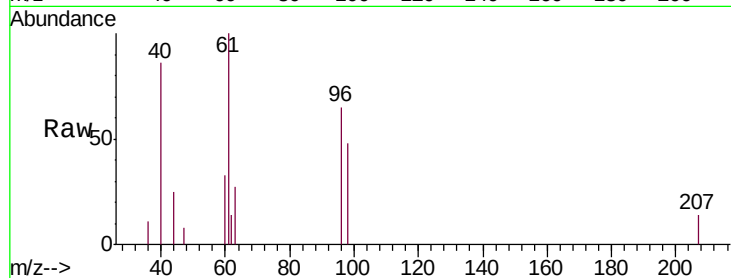
Tgt Ion: 96 Resp: 1562

Ion Ratio Lower Upper

96 100

61 152.8 100.9 187.5

98 74.0 44.0 81.8



#20

cis-1,2-Dichloroethene

Concen: 29.747 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU032813.D

Acq: 18 Jun 2019 10:57

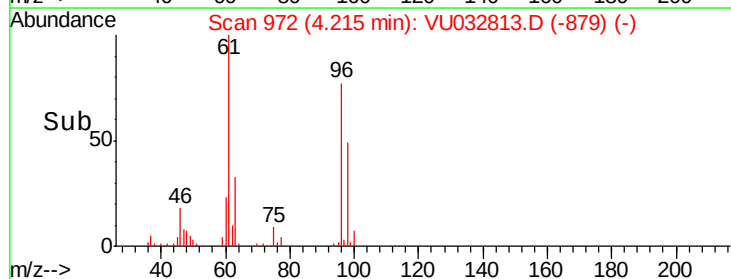
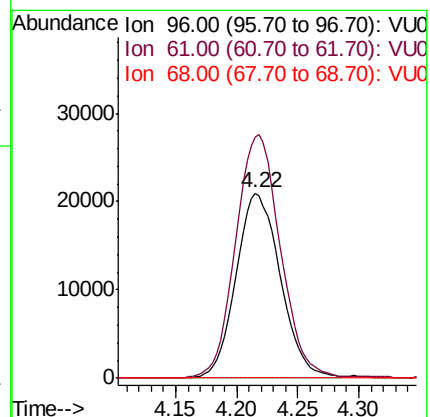
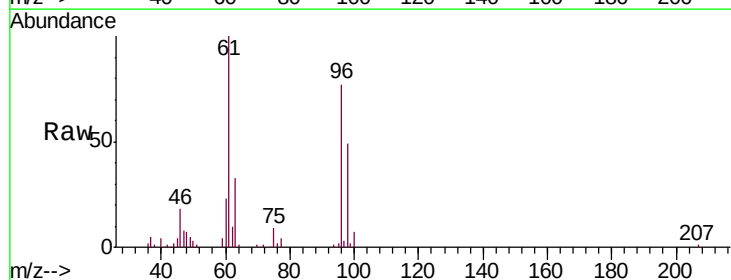
Tgt Ion: 96 Resp: 52878

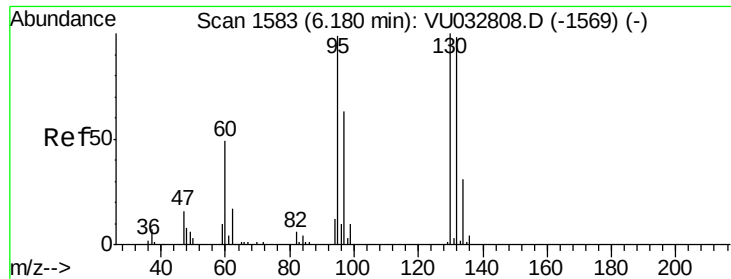
Ion Ratio Lower Upper

96 100

61 130.6 92.4 171.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 64.655 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032813.D

Acq: 18 Jun 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

C0JX0MEDL

Tgt Ion: 95 Resp: 113086

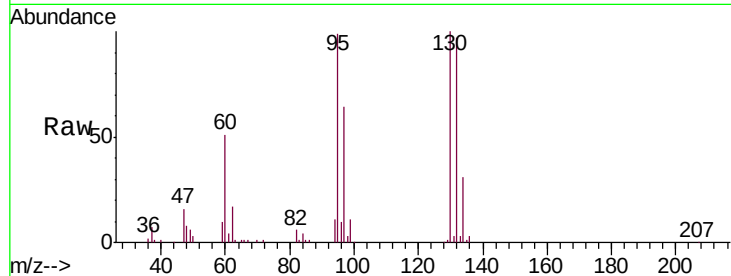
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 97.3 68.5 127.3

130 100.8 70.8 131.4

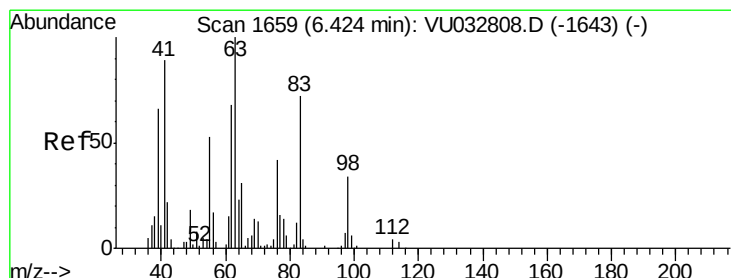
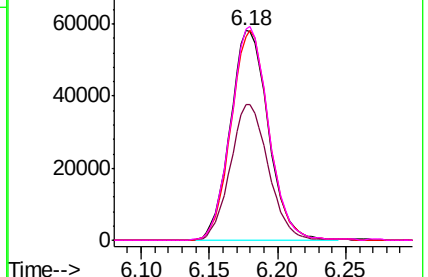
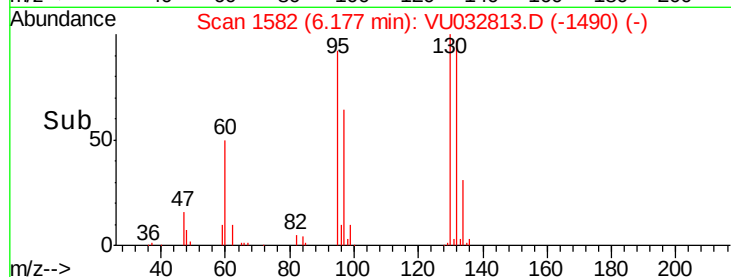


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.643 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032813.D

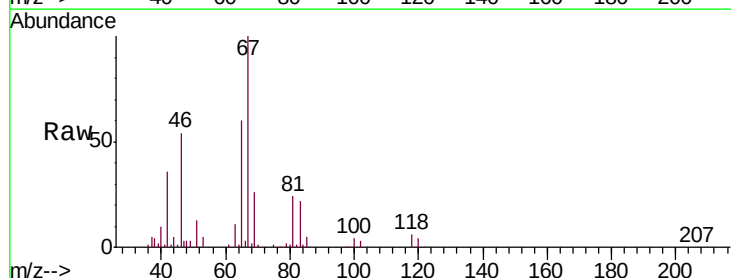
Acq: 18 Jun 2019 10:57

Tgt Ion: 63 Resp: 10133

Ion Ratio Lower Upper

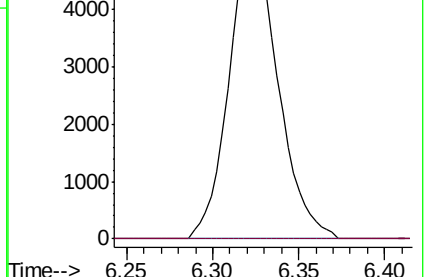
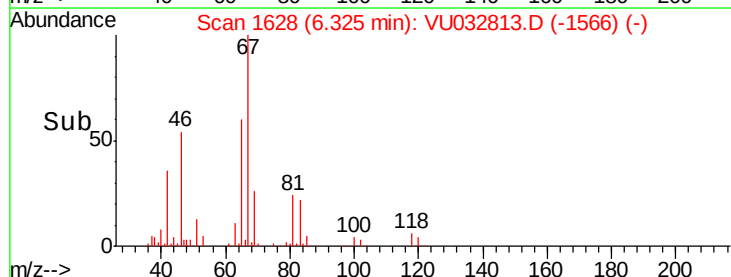
63 100

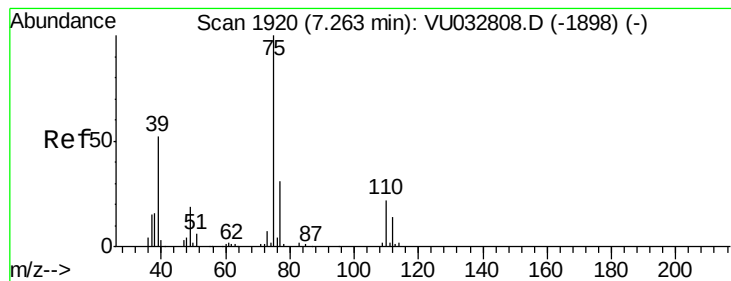
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



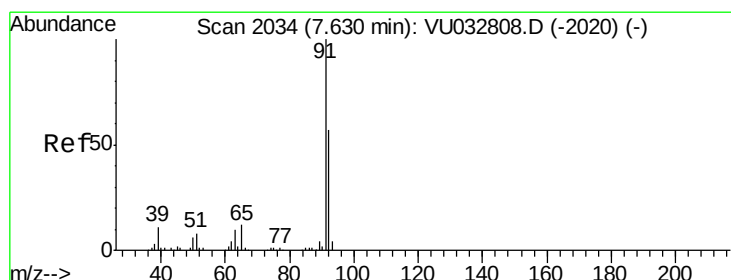
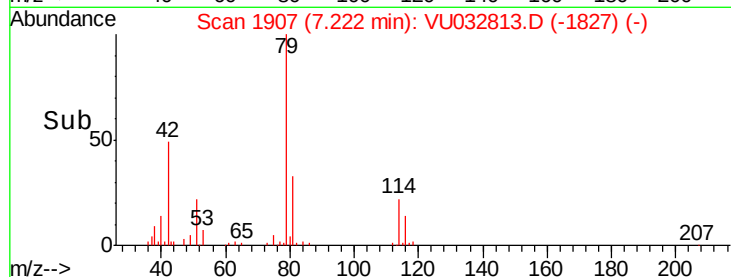
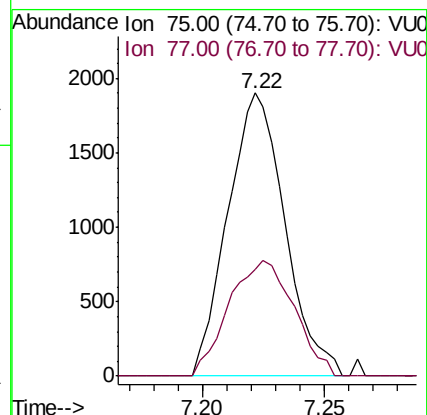
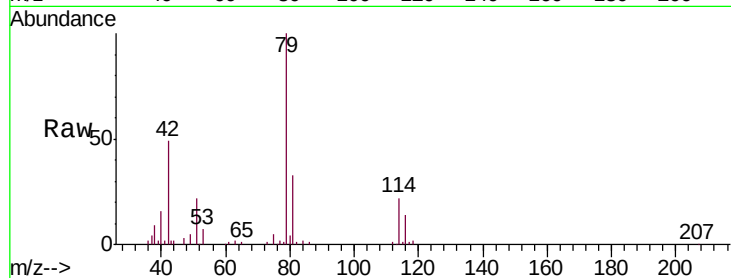


#39

cis-1,3-Dichloropropene
 Concen: 1.106 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032813.D
 Acq: 18 Jun 2019 10:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JX0MEDL

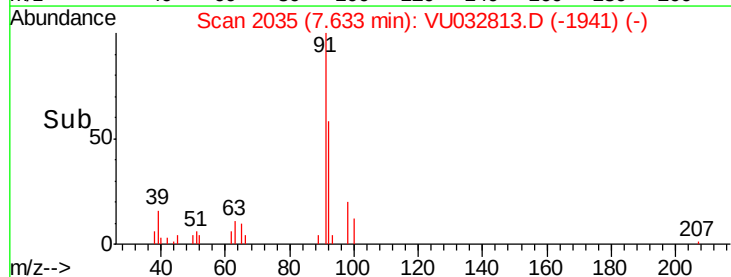
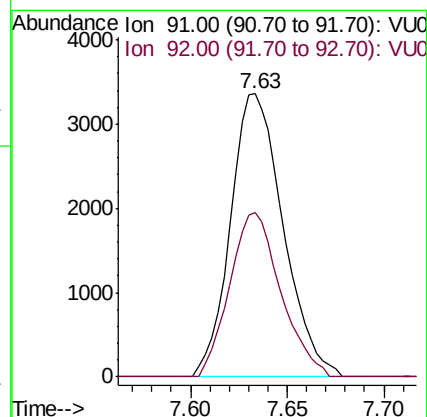
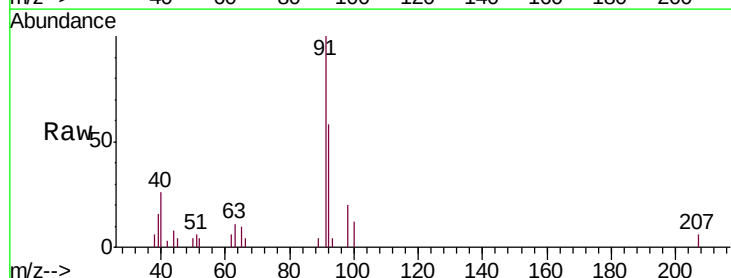
Tgt Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 77 37.6 21.9 40.7

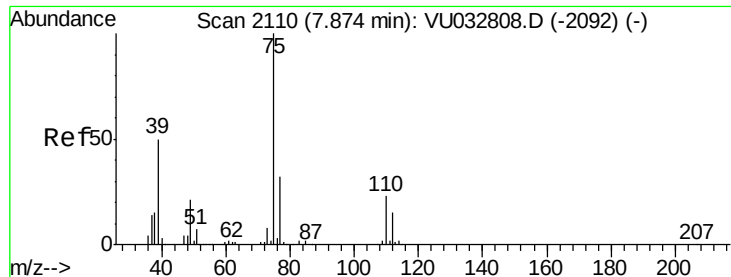


#42

Toluene
 Concen: 0.898 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU032813.D
 Acq: 18 Jun 2019 10:57

Tgt Ion: 91 Resp: 6360
 Ion Ratio Lower Upper
 91 100
 92 58.1 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 0.857 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032813.D

Acq: 18 Jun 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

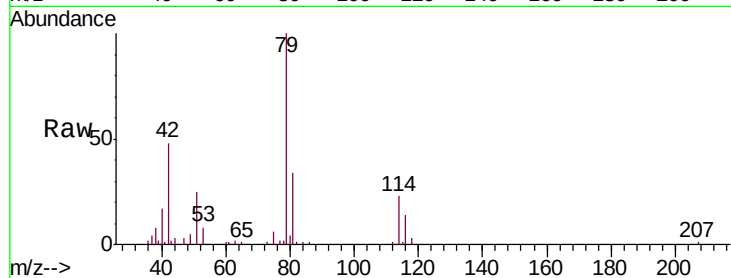
C0JX0MEDL

Tgt Ion: 75 Resp: 2253

Ion Ratio Lower Upper

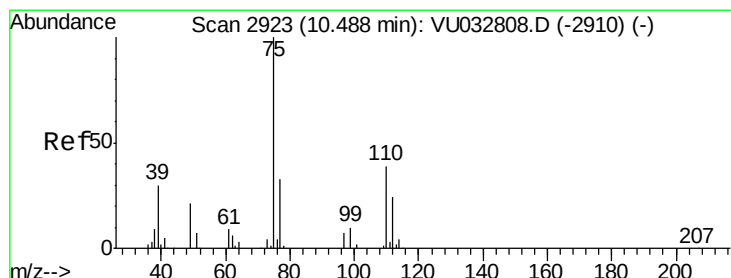
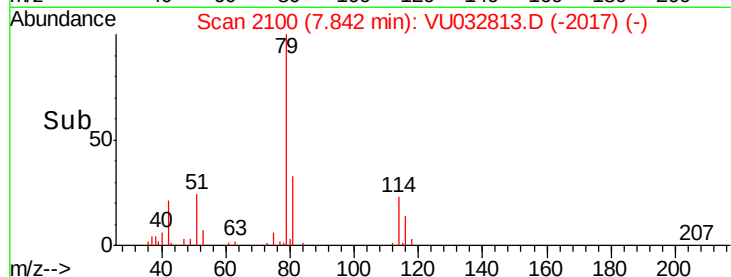
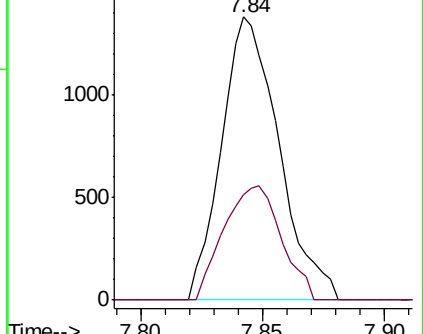
75 100

77 37.3 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 6.370 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032813.D

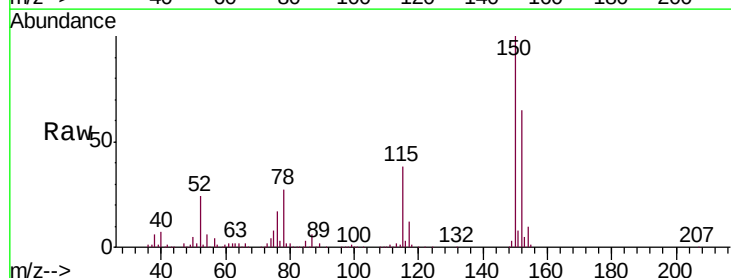
Acq: 18 Jun 2019 10:57

Tgt Ion: 75 Resp: 15266

Ion Ratio Lower Upper

75 100

77 38.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

