

Data File : VU034850.D
Acq On : 26 Sep 2019 18:25
Operator : JC/SP
Sample : K5007-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK29

Quant Time: Sep 27 05:13:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	101329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	92597	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	44939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35078	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.67	69	29821	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.26	63	51569	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.17	46	105904	53.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.86%
24) Chloroform-d	4.62	84	52139	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.29	65	30191	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.32	84	112055	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.31	67	39386	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.54	98	102765	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.83	79	13270	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.30	63	76778	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	29426	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	34869	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

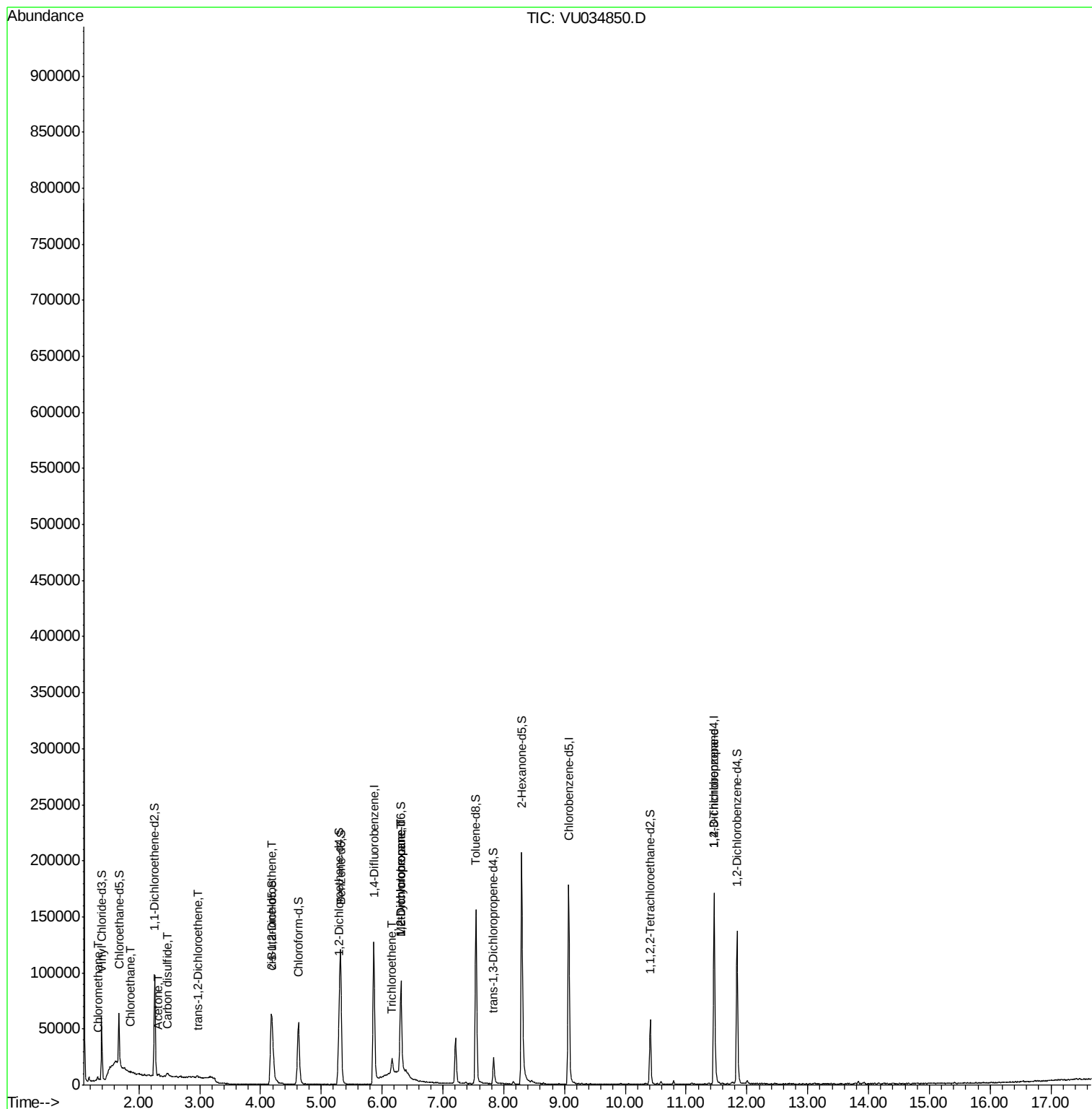
					Qvalue
3) Chloromethane	1.32	50	1806	0.250 ug/L	100
8) Chloroethane	1.85	64	583	0.132 ug/L #	51
13) Acetone	2.33	43	2160	1.411 ug/L	99
14) Carbon disulfide	2.46	76	1363	0.106 ug/L #	74
18) trans-1,2-Dichloroethene	2.96	96	456	0.088 ug/L #	70
22) cis-1,2-Dichloroethene	4.20	96	10627	1.530 ug/L	89
34) Trichloroethene	6.16	95	4252	0.681 ug/L	94
35) Methylcyclohexane	6.31	83	7938	0.787 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	3876	0.501 ug/L #	92
59) 1,2,3-Trichloropropane	11.46	75	6283	1.244 ug/L	89

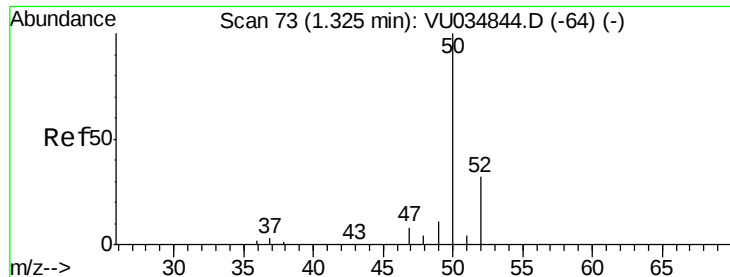
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.250 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034850.D

Acq: 26 Sep 2019 18:25

Instrument :

MSVOA_U

ClientSampleId :

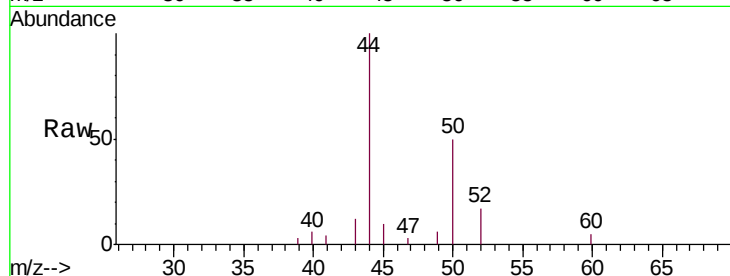
CWK29

Tgt Ion: 50 Resp: 1806

Ion Ratio Lower Upper

50 100

52 34.3 23.9 44.3



Abundance Ion 50.05 (49.75 to 50.75): VU034844.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034844.D (-64) (-)

1.32

1500

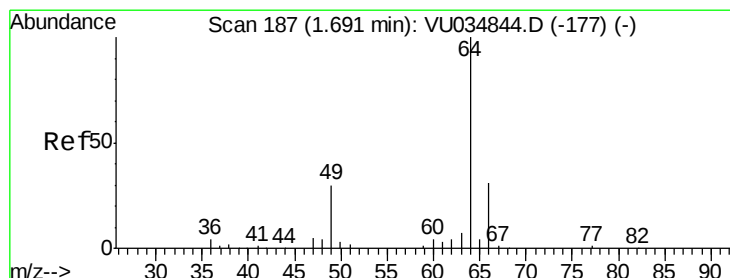
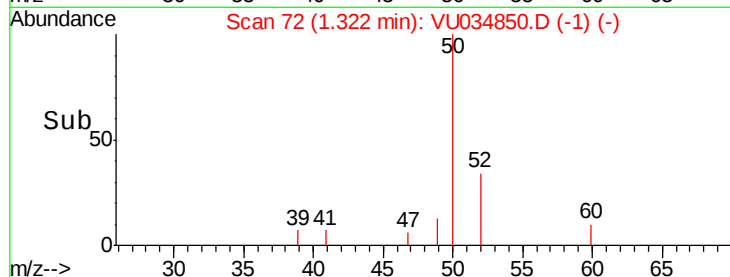
1000

500

0

Time-->

1.28 1.30 1.32 1.34 1.36



#8

Chloroethane

Concen: 0.132 ug/L

RT: 1.85 min Scan# 236

Delta R.T. 0.16 min

Lab File: VU034850.D

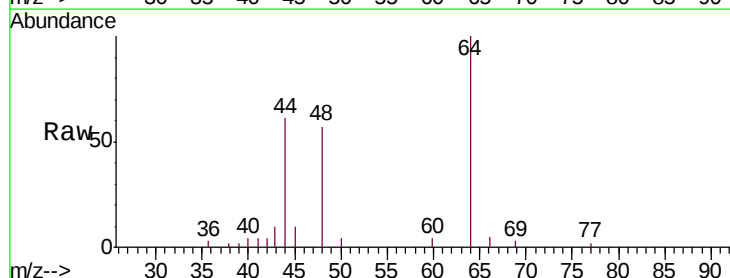
Acq: 26 Sep 2019 18:25

Tgt Ion: 64 Resp: 583

Ion Ratio Lower Upper

64 100

66 5.0 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU034844.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU034844.D (-177) (-)

1.85

5000

4000

3000

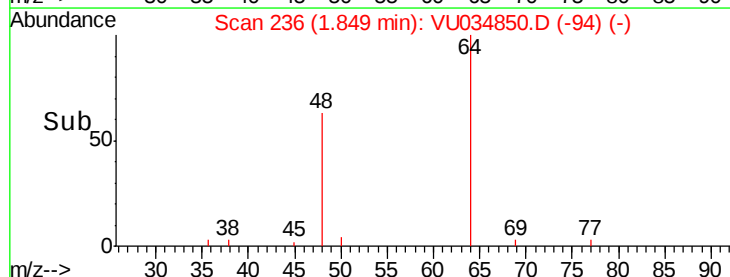
2000

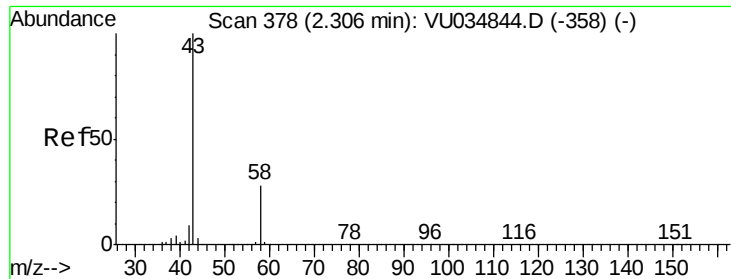
1000

0

Time-->

1.84 1.85 1.86 1.87





#13

Acetone

Concen: 1.411 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VU034850.D

Acq: 26 Sep 2019 18:25

Instrument :

MSVOA_U

ClientSampled :

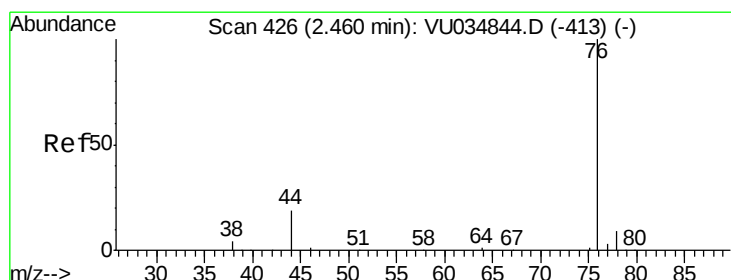
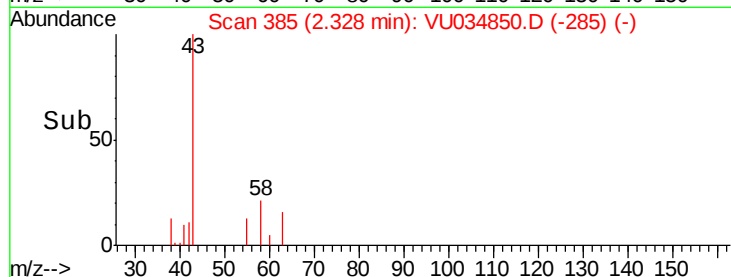
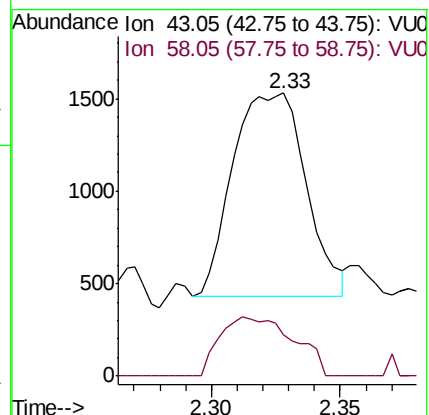
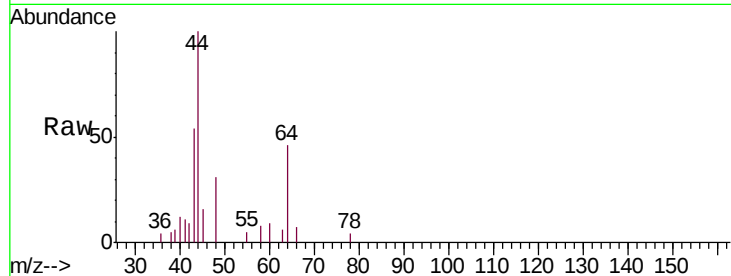
CWK29

Tgt Ion: 43 Resp: 2160

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.8



#14

Carbon disulfide

Concen: 0.106 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034850.D

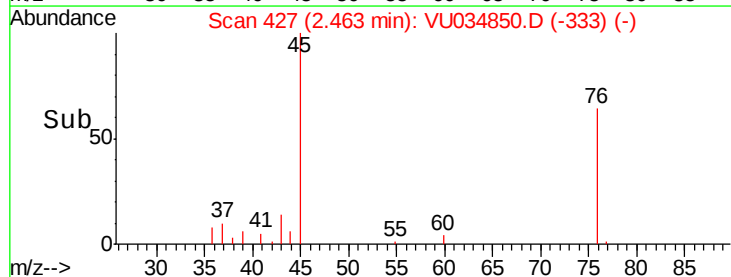
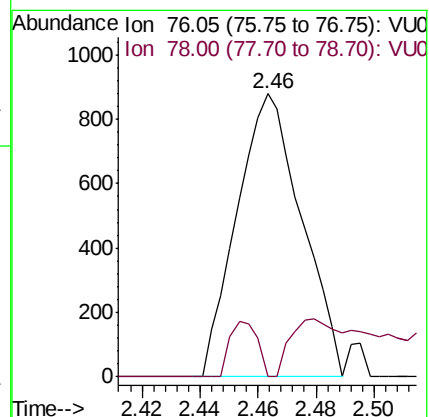
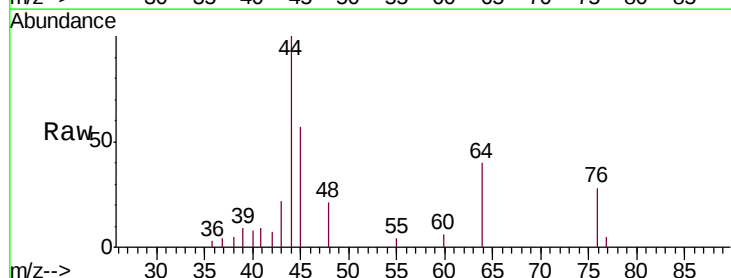
Acq: 26 Sep 2019 18:25

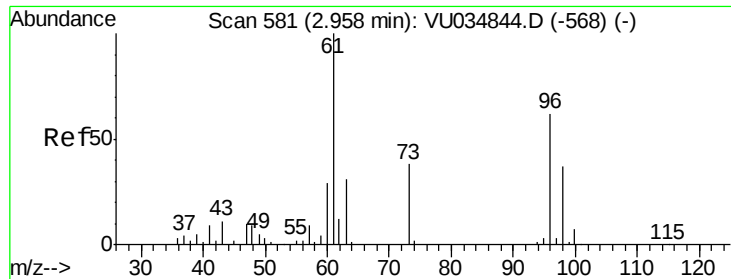
Tgt Ion: 76 Resp: 1363

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#





#18

trans-1,2-Dichloroethene

Concen: 0.088 ug/L

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU034850.D

Acq: 26 Sep 2019 18:25

Instrument :

MSVOA_U

ClientSampleId :

CWK29

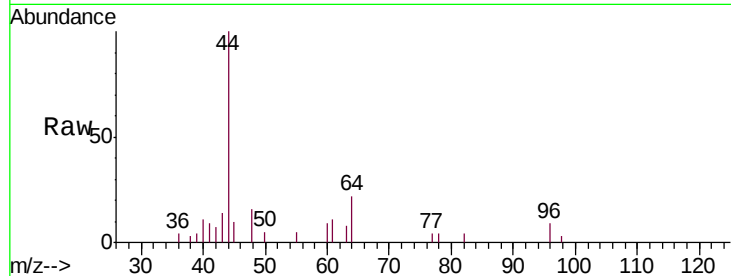
Tgt Ion: 96 Resp: 456

Ion Ratio Lower Upper

96 100

61 129.3 118.2 219.6

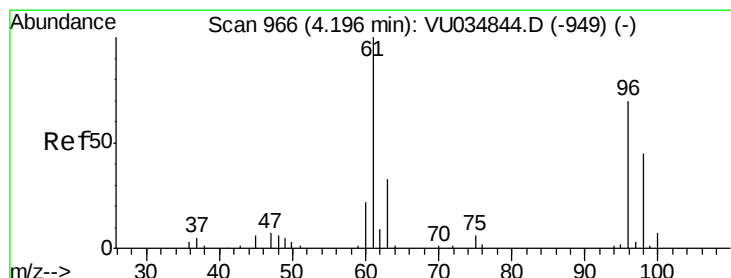
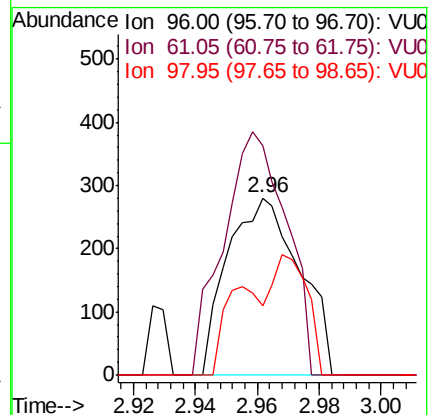
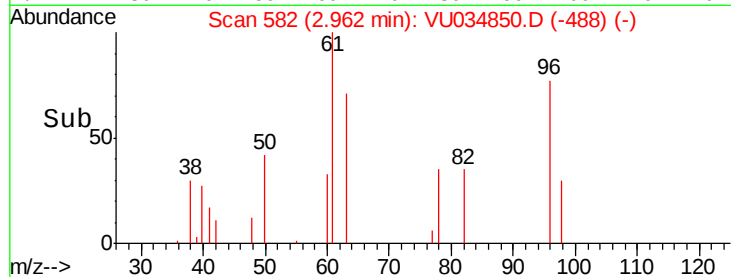
98 38.9 44.8 83.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.530 ug/L

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

Lab File: VU034850.D

Acq: 26 Sep 2019 18:25

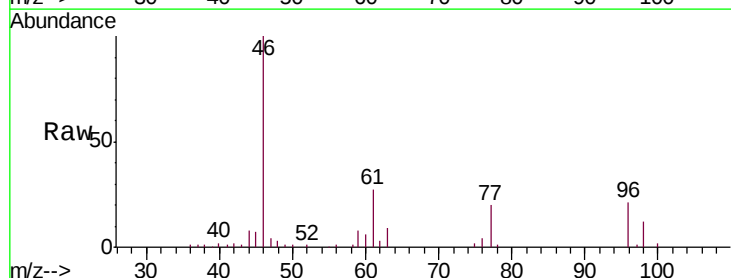
Tgt Ion: 96 Resp: 10627

Ion Ratio Lower Upper

96 100

61 129.2 100.0 185.8

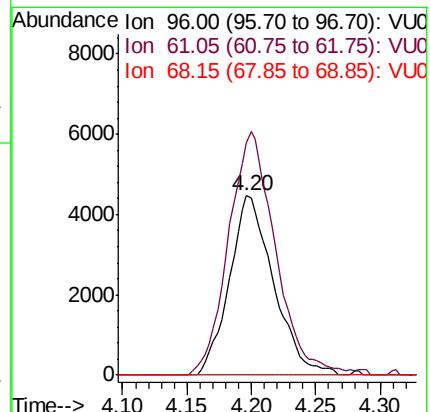
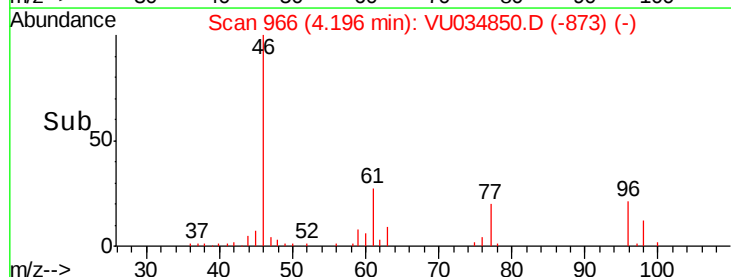
68 0.0 0.0 0.0

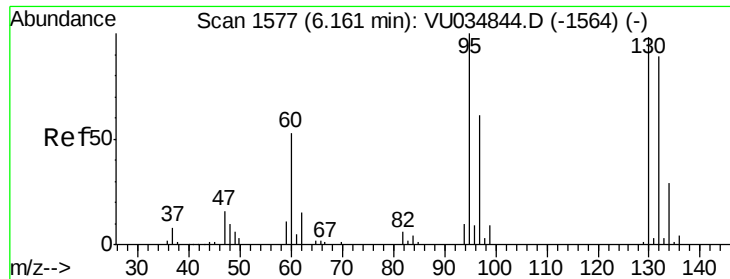


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.681 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VU034850.D

Acq: 26 Sep 2019 18:25

Instrument :

MSVOA_U

ClientSampleId :

CWK29

Tgt Ion: 95 Resp: 4252

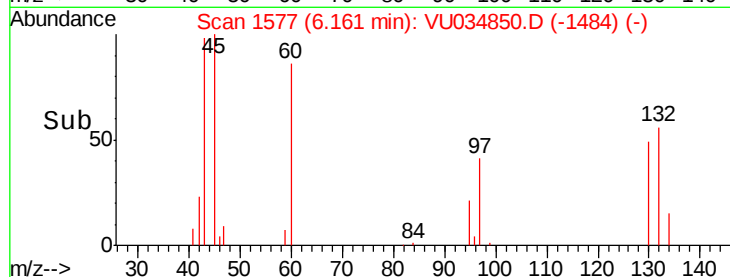
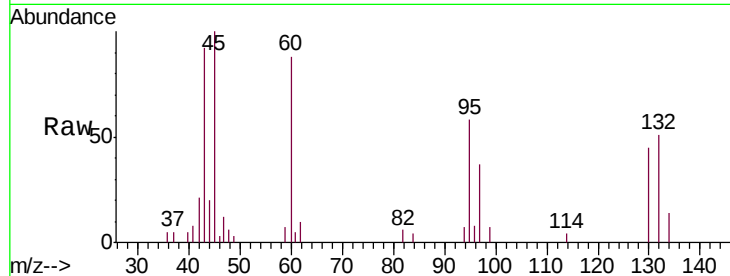
Ion Ratio Lower Upper

95 100

97 64.0 45.2 84.0

132 88.1 60.9 113.1

130 77.6 64.3 119.3

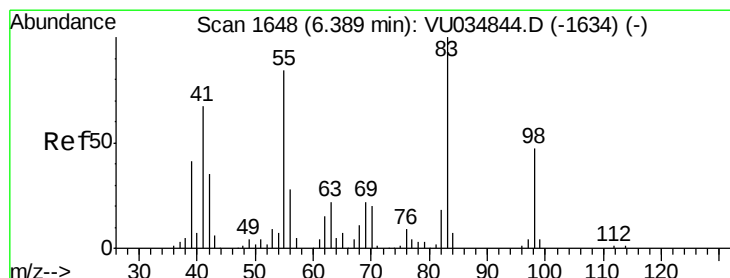
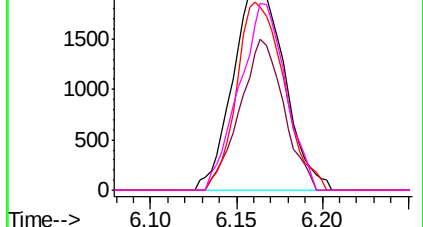


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034850.D

Acq: 26 Sep 2019 18:25

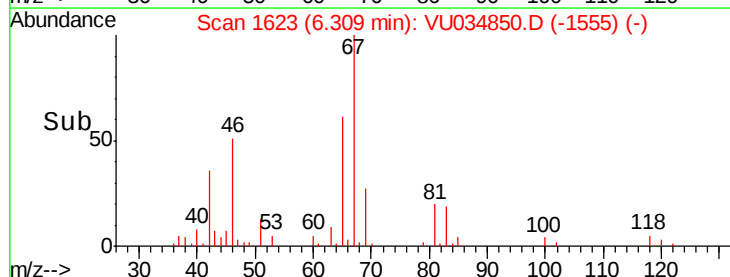
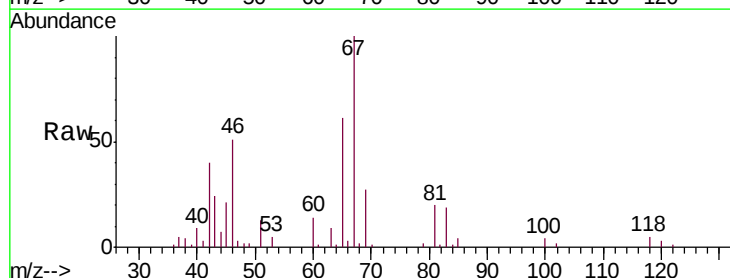
Tgt Ion: 83 Resp: 7938

Ion Ratio Lower Upper

83 100

55 0.8 66.8 100.2#

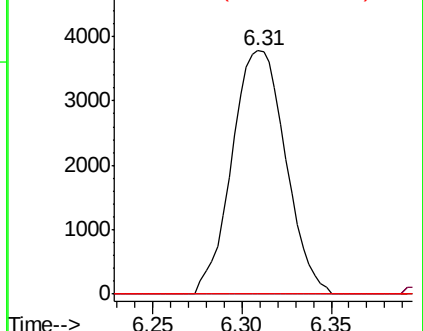
98 0.8 35.4 53.0#

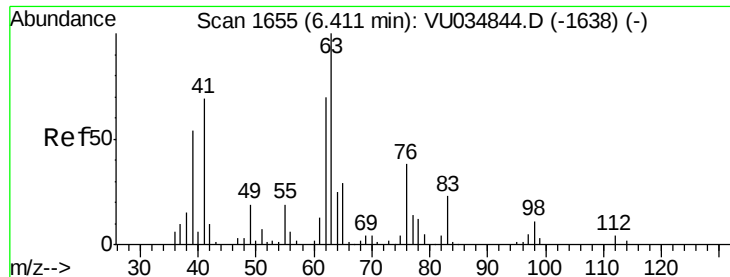


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

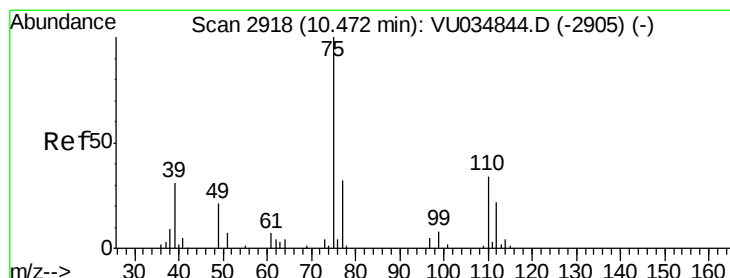
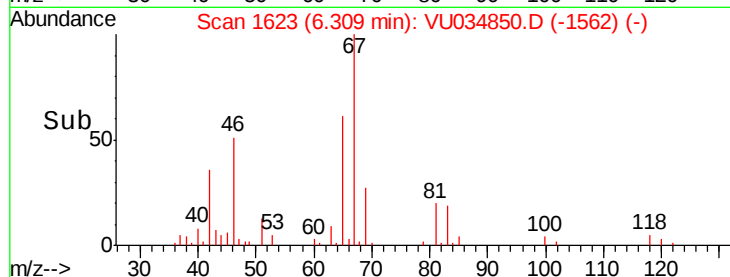
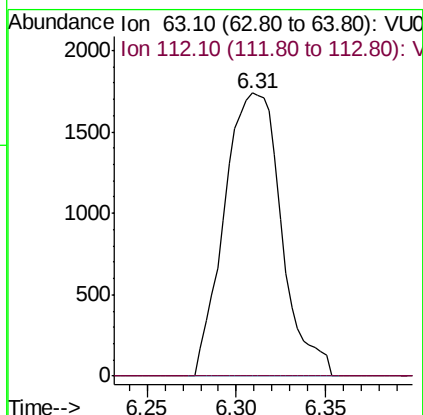
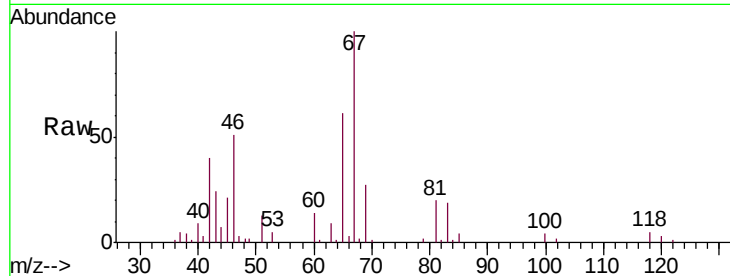




#37
 1,2-Dichloropropane
 Concen: 0.501 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034850.D
 Acq: 26 Sep 2019 18:25

Instrument :
 MSVOA_U
 ClientSampled :
 CWK29

Tgt Ion: 63 Resp: 3876
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.244 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034850.D
 Acq: 26 Sep 2019 18:25

Tgt Ion: 75 Resp: 6283
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.0 39.0

