

Data File : VU032734.D
Acq On : 14 Jun 2019 20:07
Operator : JC/SP
Sample : K3365-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM58

Quant Time: Jun 14 23:53:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	102564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29747	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.67	69	25617	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	45894	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.18	46	101420	54.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.00%
24) Chloroform-d	4.64	84	63351	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.30	65	36216	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.33	84	121653	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.32	67	39487	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.56	98	105200	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	13745	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.31	63	80624	51.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35167	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	43746	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

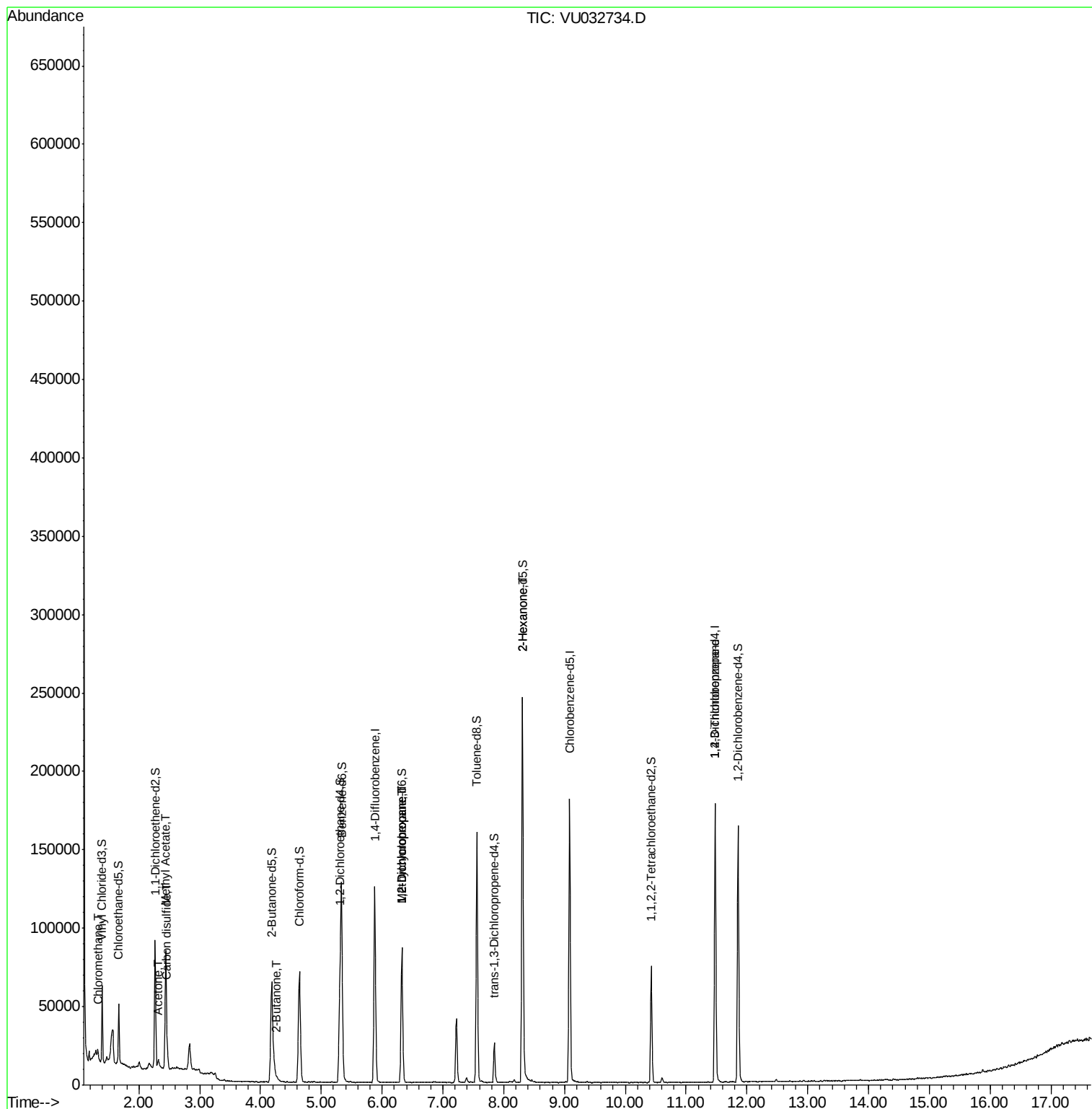
					Qvalue
3) Chloromethane	1.33	50	4066	0.445 ug/L	95
13) Acetone	2.32	43	5782	4.003 ug/L	96
14) Carbon disulfide	2.47	76	6499	0.311 ug/L #	86
15) Methyl Acetate	2.44	43	18305	4.619 ug/L #	54
21) 2-Butanone	4.27	43	2539	1.209 ug/L	82
35) Methylcyclohexane	6.32	83	9205	0.704 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4542	0.621 ug/L #	89
48) 2-Hexanone	8.31	43	10371	2.787 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	5959	1.240 ug/L #	85

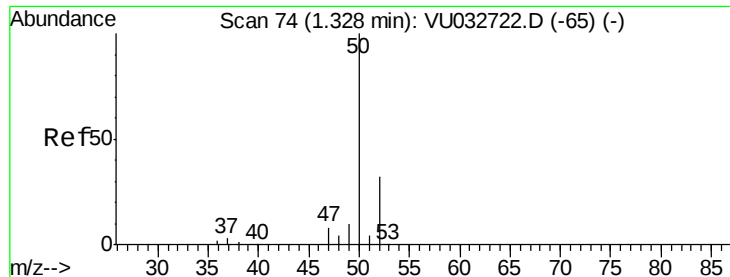
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.445 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032734.D

Acq: 14 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

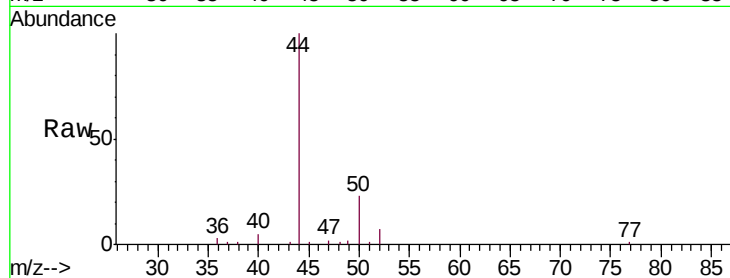
C0M58

Tgt Ion: 50 Resp: 4066

Ion Ratio Lower Upper

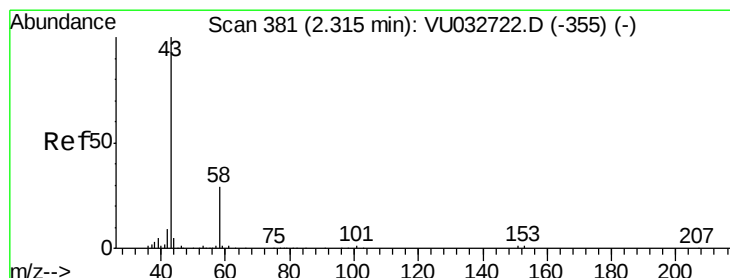
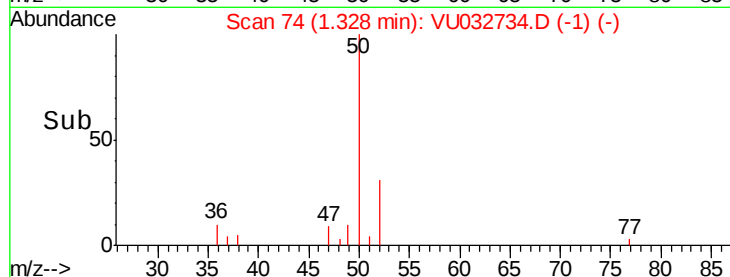
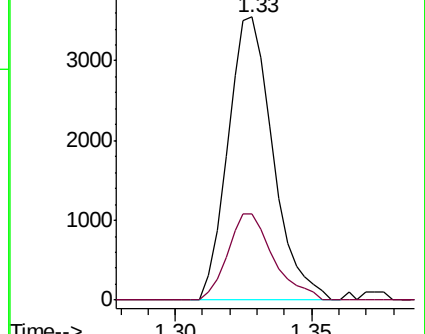
50 100

52 30.6 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU032722.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032734.D (-1) (-)



#13

Acetone

Concen: 4.003 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032734.D

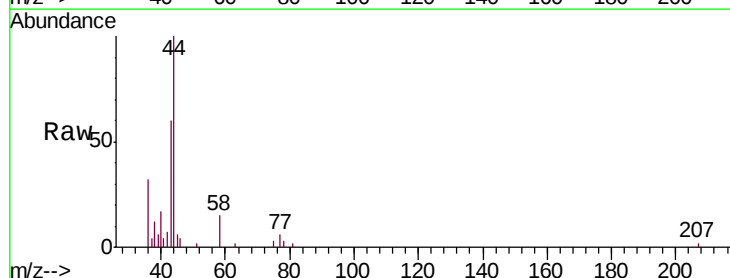
Acq: 14 Jun 2019 20:07

Tgt Ion: 43 Resp: 5782

Ion Ratio Lower Upper

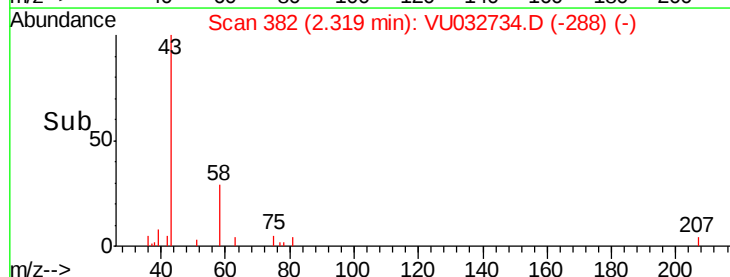
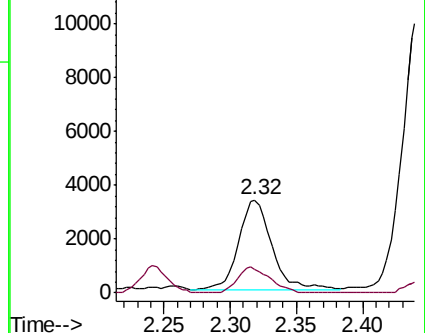
43 100

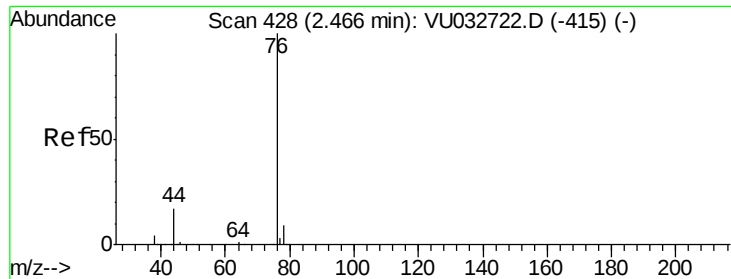
58 28.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032722.D (-355) (-)

Ion 58.05 (57.75 to 58.75): VU032734.D (-288) (-)





#14

Carbon disulfide

Concen: 0.311 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VU032734.D

Acq: 14 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

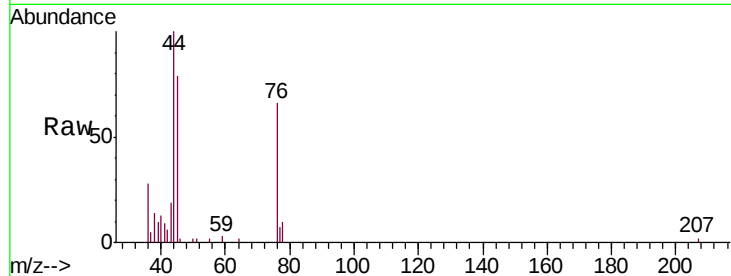
C0M58

Tgt Ion: 76 Resp: 6499

Ion Ratio Lower Upper

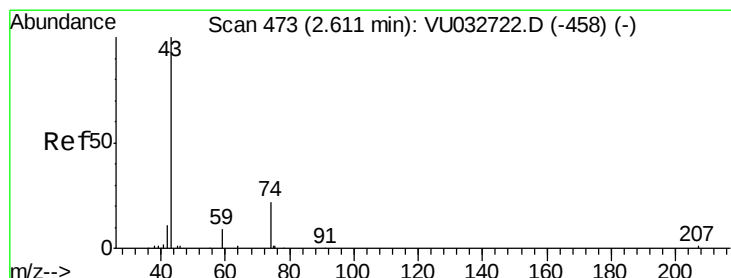
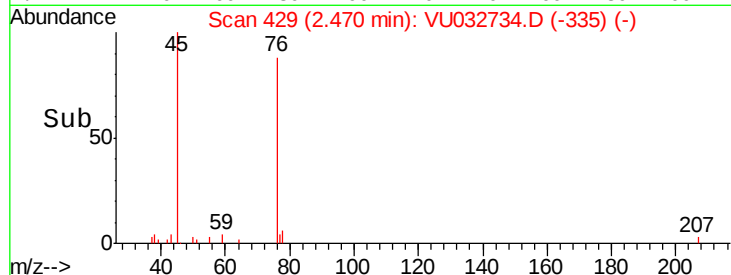
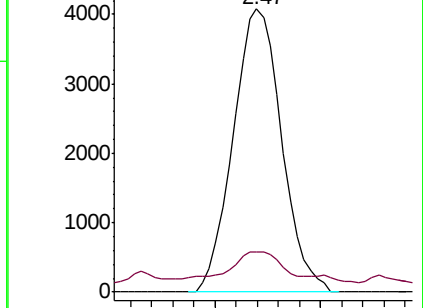
76 100

78 14.3 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU032722.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU032722.D (-415) (-)



#15

Methyl Acetate

Concen: 4.619 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU032734.D

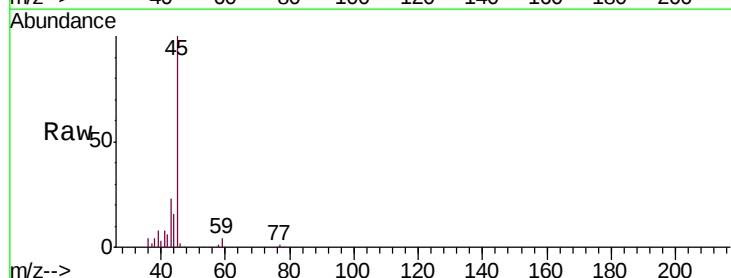
Acq: 14 Jun 2019 20:07

Tgt Ion: 43 Resp: 18305

Ion Ratio Lower Upper

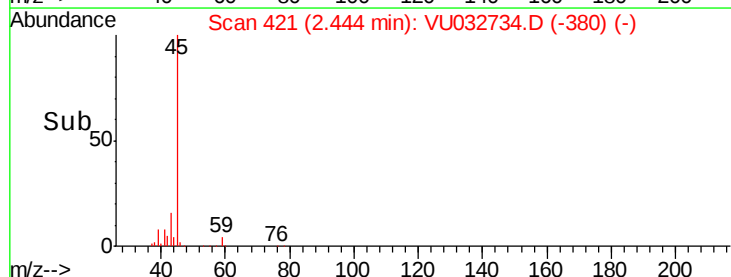
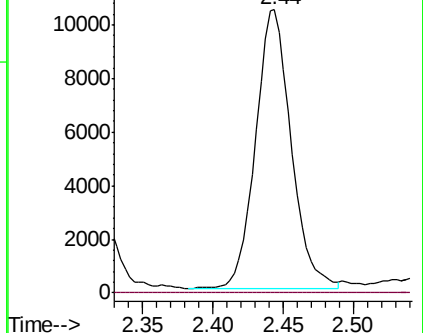
43 100

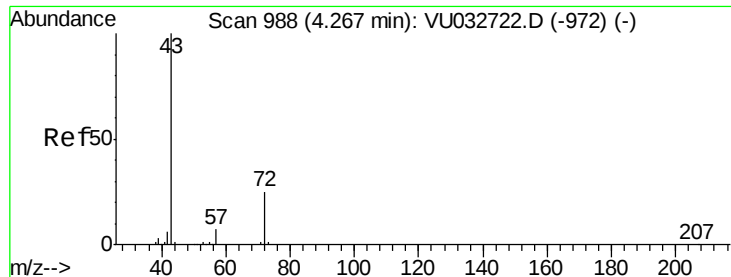
74 0.3 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032722.D (-458) (-)

Ion 74.05 (73.75 to 74.75): VU032722.D (-458) (-)





#21

2-Butanone

Concen: 1.209 ug/L

RT: 4.27 min Scan# 990

Delta R.T. 0.01 min

Lab File: VU032734.D

Acq: 14 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

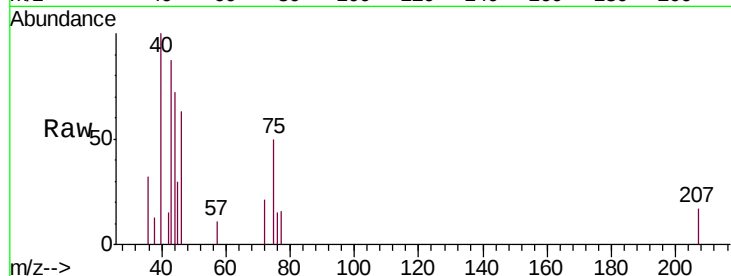
COM58

Tgt Ion: 43 Resp: 2539

Ion Ratio Lower Upper

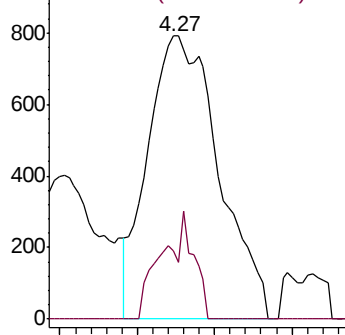
43 100

72 16.9 13.1 39.3

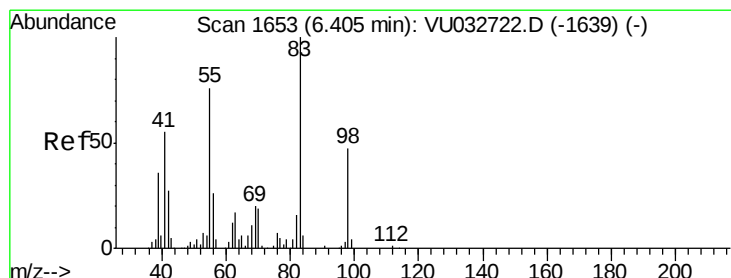
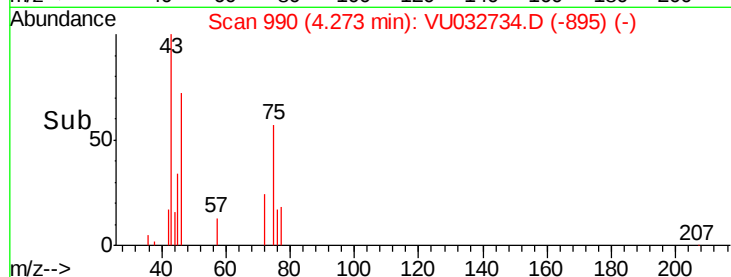


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.704 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.08 min

Lab File: VU032734.D

Acq: 14 Jun 2019 20:07

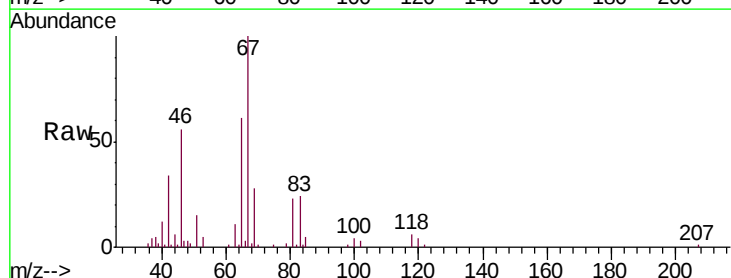
Tgt Ion: 83 Resp: 9205

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

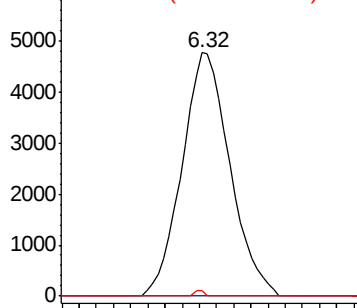
98 0.4 37.8 56.8#



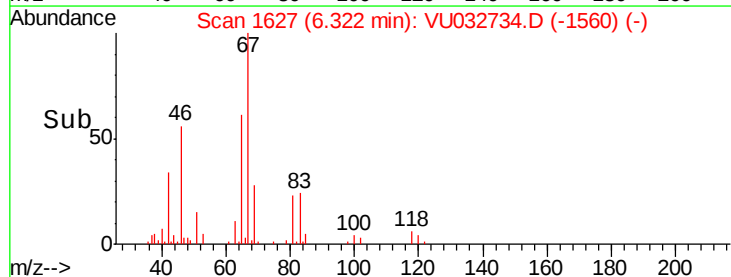
Abundance Ion 83.15 (82.85 to 83.85): VU0

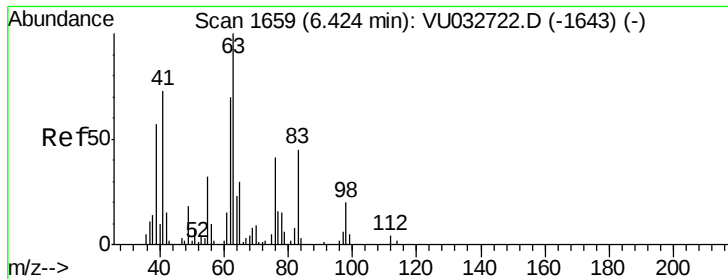
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032734.D

Acq: 14 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampled :

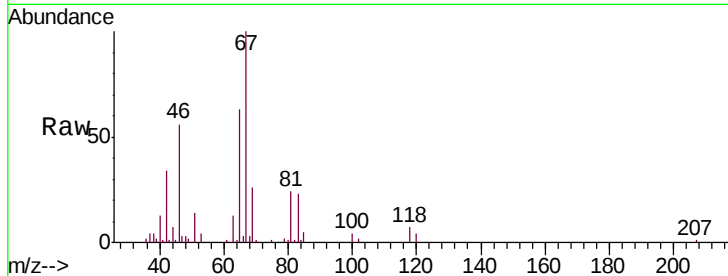
COM58

Tgt Ion: 63 Resp: 4542

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032722.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU032722.D (-1643) (-)

6.33

2500

2000

1500

1000

500

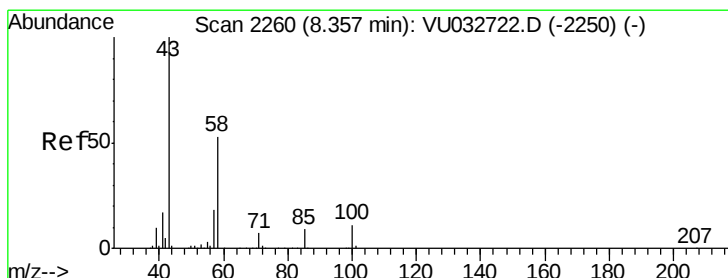
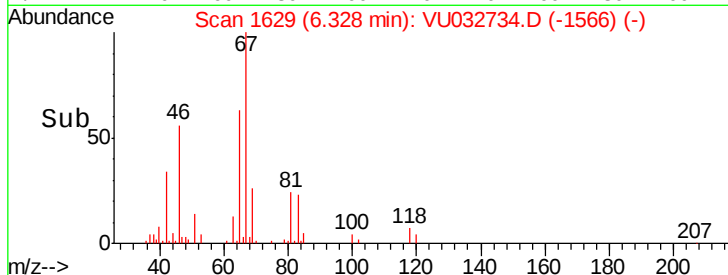
0

6.25

6.30

6.35

Time-->



#48

2-Hexanone

Concen: 2.787 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU032734.D

Acq: 14 Jun 2019 20:07

Tgt Ion: 43 Resp: 10371

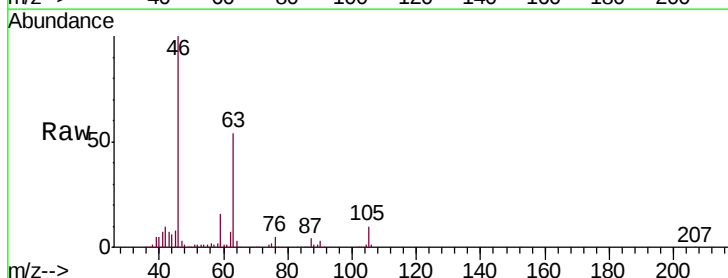
Ion Ratio Lower Upper

43 100

58 32.6 41.9 62.9#

57 24.3 15.1 22.7#

100 0.0 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032722.D (-2250) (-)

Ion 58.05 (57.75 to 58.75): VU032722.D (-2250) (-)

Ion 57.20 (56.90 to 57.90): VU032722.D (-2250) (-)

Ion 100.15 (99.85 to 100.85): VU032722.D (-2250) (-)

8.31

8000

6000

4000

2000

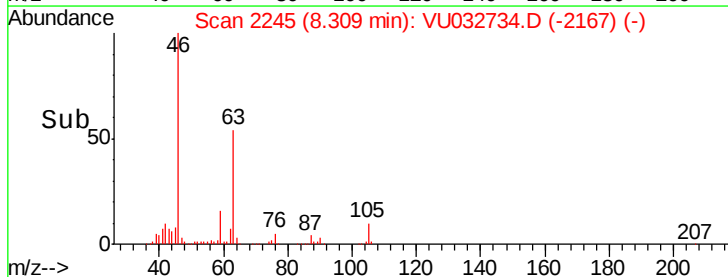
0

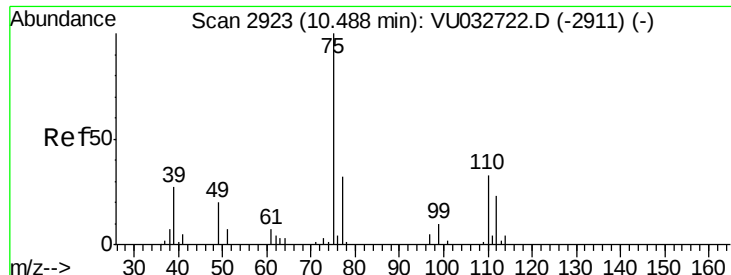
8.25

8.30

8.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.240 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032734.D

Acq: 14 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

COM58

Tgt Ion: 75 Resp: 5959

Ion Ratio Lower Upper

75 100

77 39.8 25.3 37.9#

