

Data File : VU032749.D
Acq On : 15 Jun 2019 03:07
Operator : JC/SP
Sample : K3381-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCM5

Quant Time: Jun 15 03:41:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 03:31:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97238	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26828	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.68	69	24244	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	42087	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.18	46	99619	56.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.92%
24) Chloroform-d	4.64	84	58833	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.30	65	34043	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.33	84	111461	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.32	67	37833	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.56	98	97467	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	14279	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.31	63	76926	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33061	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	40669	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

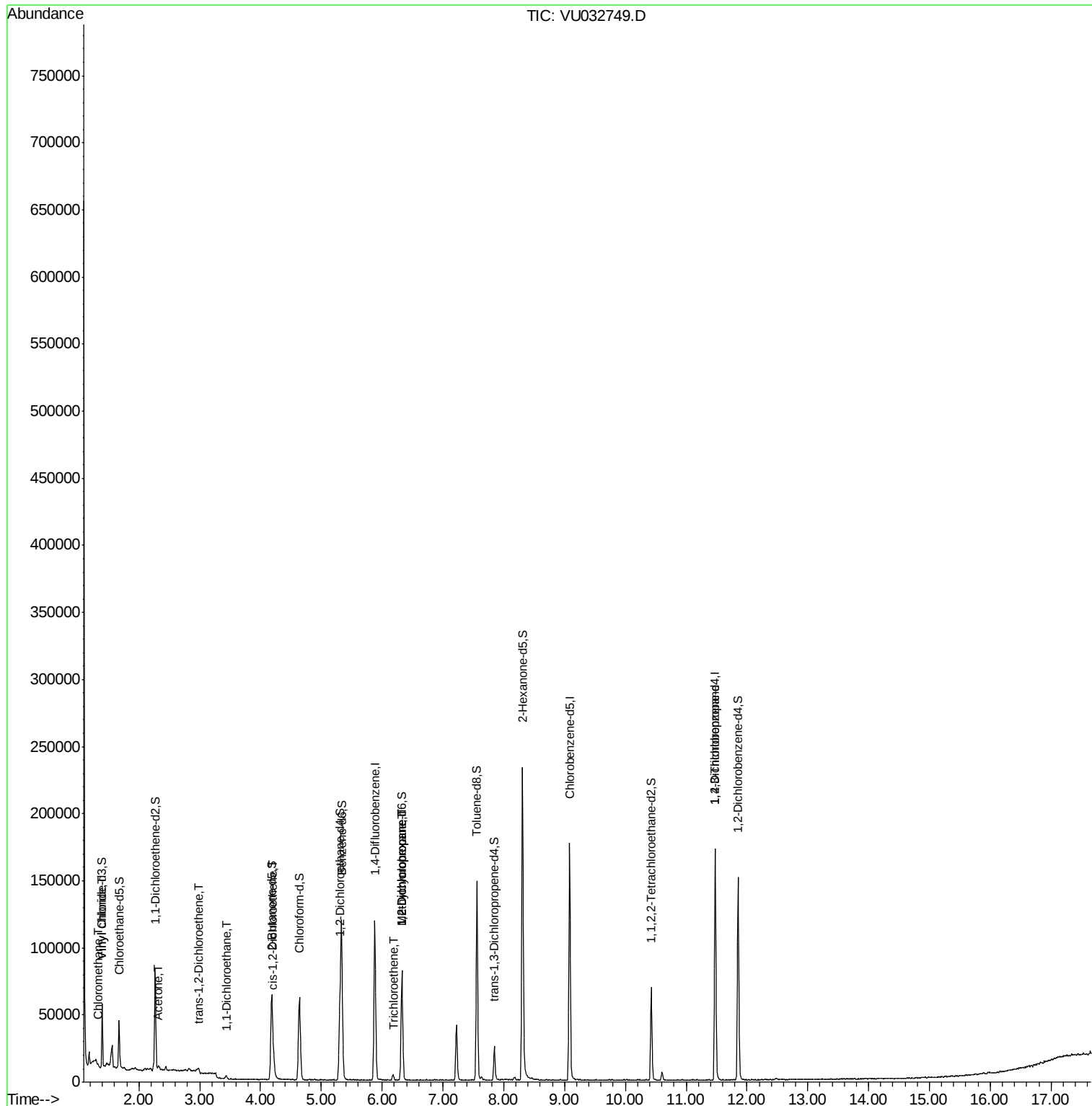
					Qvalue
3) Chloromethane	1.33	50	1709	0.197 ug/L	97
5) Vinyl chloride	1.40	62	1031	0.121 ug/L #	48
13) Acetone	2.32	43	2744	2.004 ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	395	0.059 ug/L	85
19) 1,1-Dichloroethane	3.43	63	2655	0.223 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	2288	0.303 ug/L	91
34) Trichloroethene	6.18	95	1471	0.186 ug/L	95
35) Methylcyclohexane	6.32	83	8549	0.673 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4039	0.569 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5398	1.157 ug/L #	82

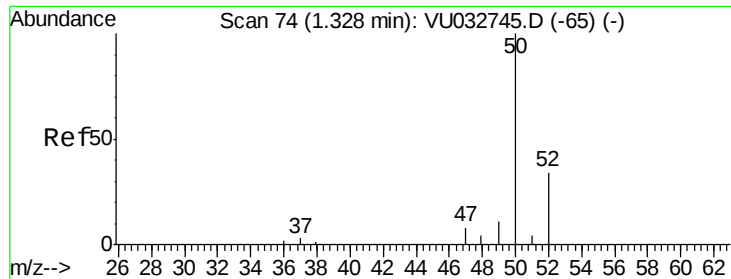
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.197 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU032749.D

Acq: 15 Jun 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

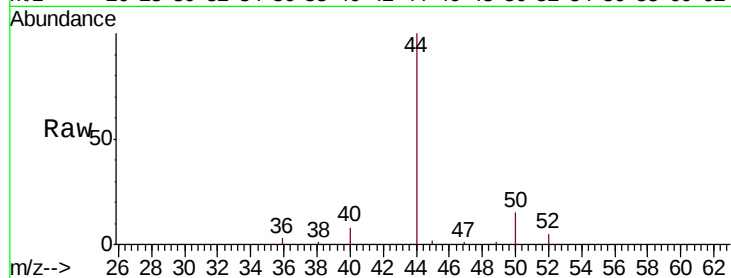
BFCM5

Tgt Ion: 50 Resp: 1709

Ion Ratio Lower Upper

50 100

52 31.5 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU032745.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032745.D (-65) (-)

1.33

1500

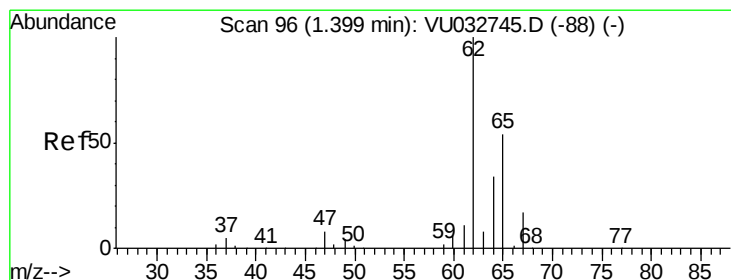
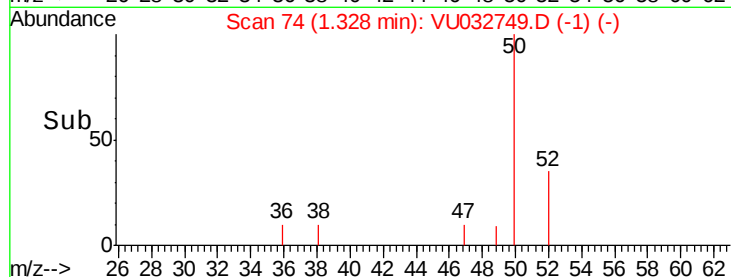
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#5

Vinyl chloride

Concen: 0.121 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU032749.D

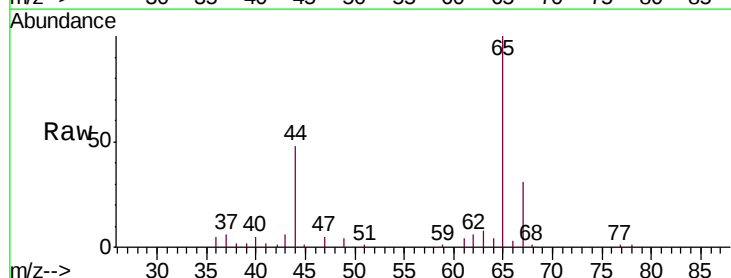
Acq: 15 Jun 2019 03:07

Tgt Ion: 62 Resp: 1031

Ion Ratio Lower Upper

62 100

64 62.1 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032749.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU032749.D (-1) (-)

1.40

1200

1000

800

600

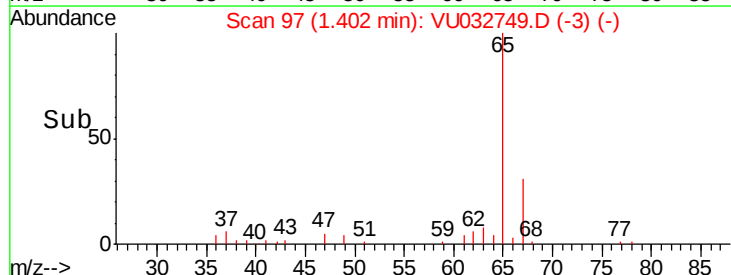
400

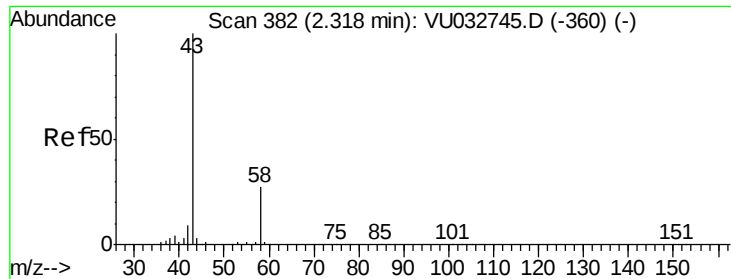
200

0

1.36 1.38 1.40 1.42

Time-->





#13

Acetone

Concen: 2.004 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032749.D

Acq: 15 Jun 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

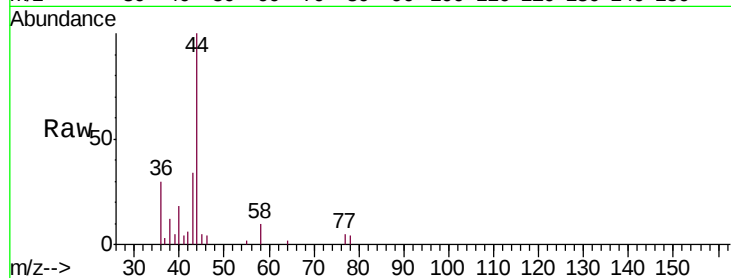
BFCM5

Tgt Ion: 43 Resp: 2744

Ion Ratio Lower Upper

43 100

58 27.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032749.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU032749.D (-360) (-)

2000

1500

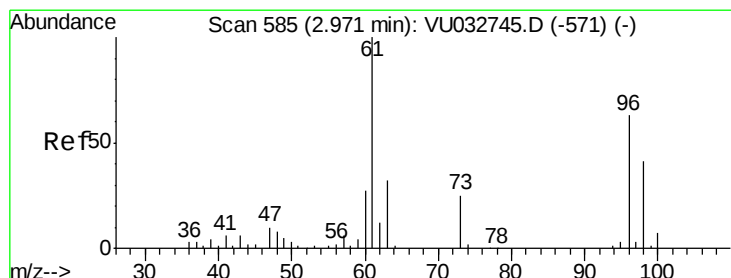
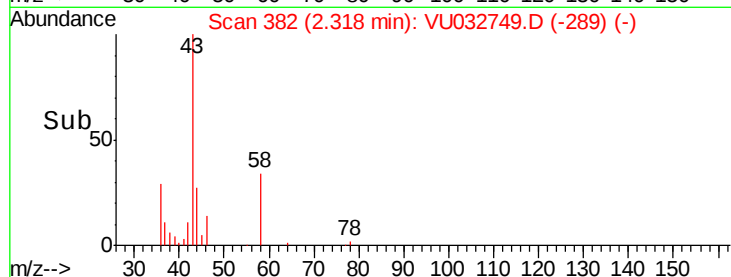
1000

500

0

2.25 2.30 2.35 2.40

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.059 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.01 min

Lab File: VU032749.D

Acq: 15 Jun 2019 03:07

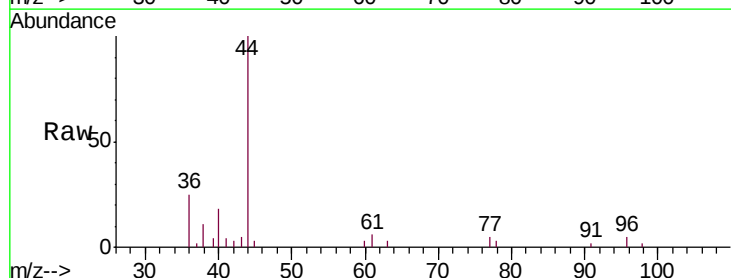
Tgt Ion: 96 Resp: 395

Ion Ratio Lower Upper

96 100

61 129.0 103.1 191.5

98 48.8 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU032749.D (-492) (-)

Ion 61.05 (60.75 to 61.75): VU032749.D (-492) (-)

Ion 97.95 (97.65 to 98.65): VU032749.D (-492) (-)

500

400

300

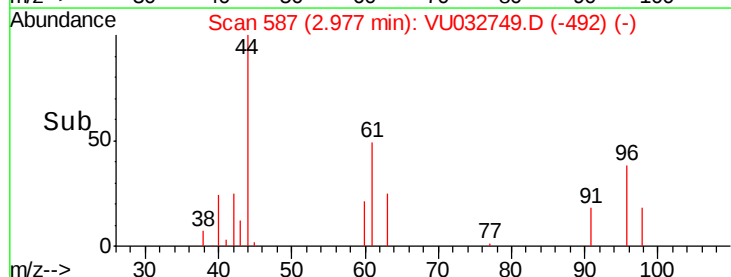
200

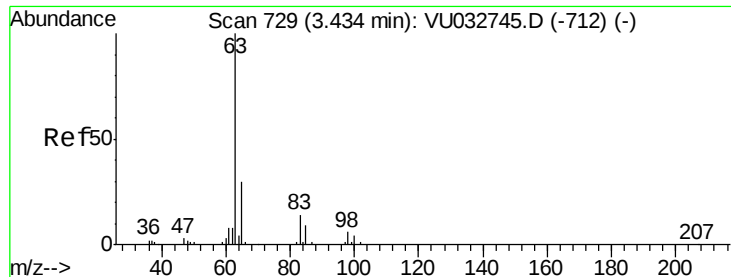
100

0

2.94 2.96 2.98 3.00

Time-->

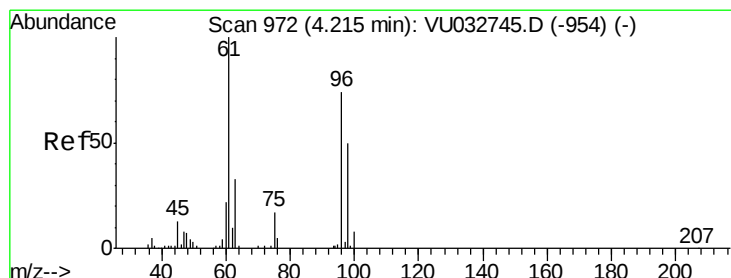
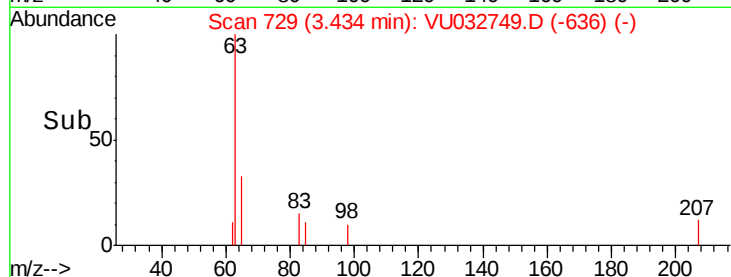
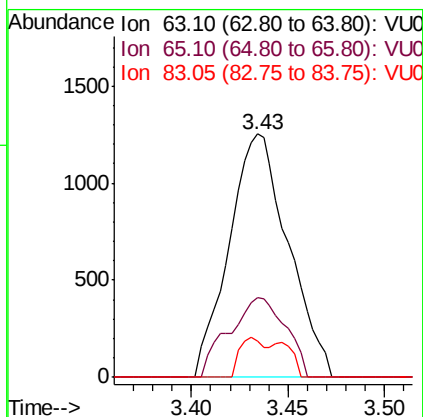
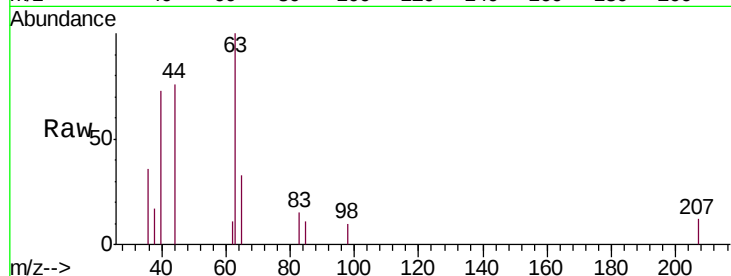




#19
 1,1-Dichloroethane
 Concen: 0.223 ug/L
 RT: 3.43 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU032749.D
 Acq: 15 Jun 2019 03:07

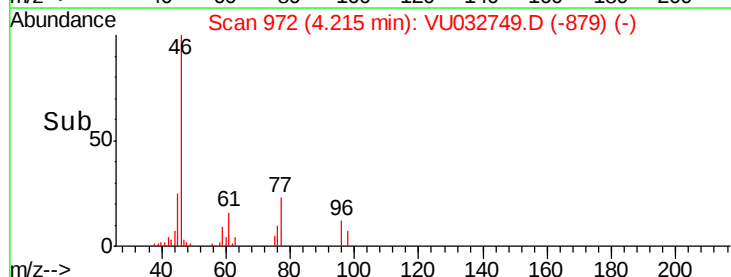
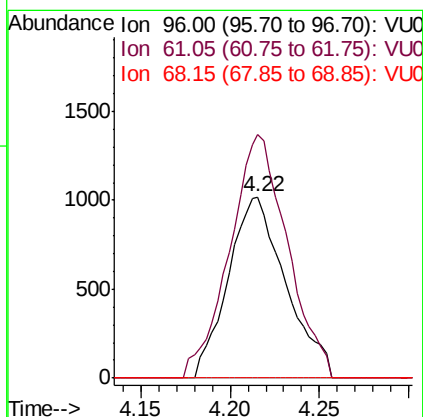
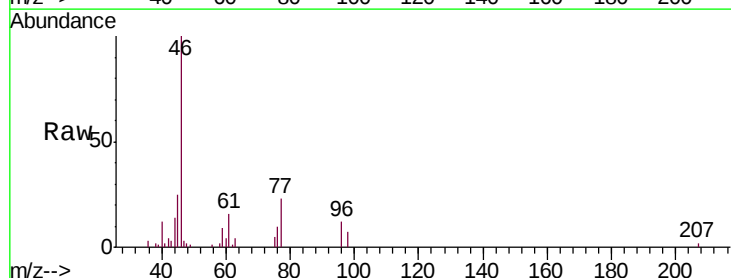
Instrument :
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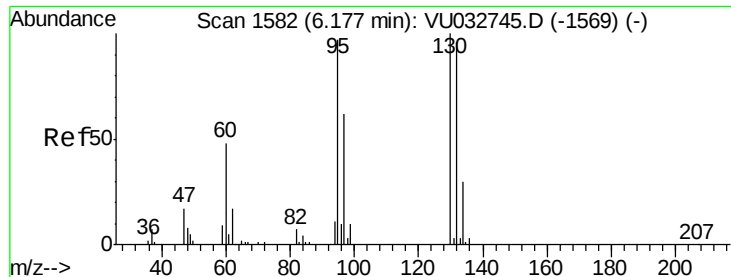
Tgt Ion: 63 Resp: 2655
 Ion Ratio Lower Upper
 63 100
 65 32.7 21.3 39.6
 83 14.7 10.1 18.7



#22
 cis-1,2-Dichloroethene
 Concen: 0.303 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032749.D
 Acq: 15 Jun 2019 03:07

Tgt Ion: 96 Resp: 2288
 Ion Ratio Lower Upper
 96 100
 61 134.2 86.6 160.8
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.186 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032749.D

Acq: 15 Jun 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

BFCM5

Tgt Ion: 95 Resp: 1471

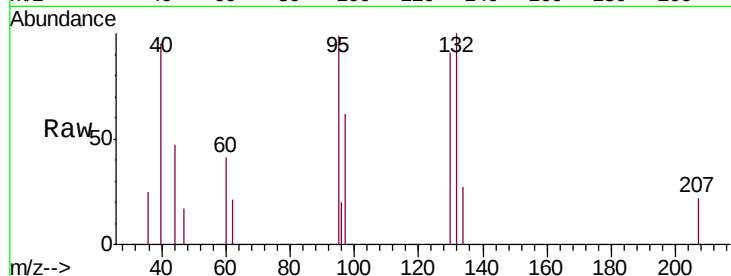
Ion Ratio Lower Upper

95 100

97 62.9 44.1 81.9

132 101.4 68.8 127.8

130 92.7 71.0 131.8

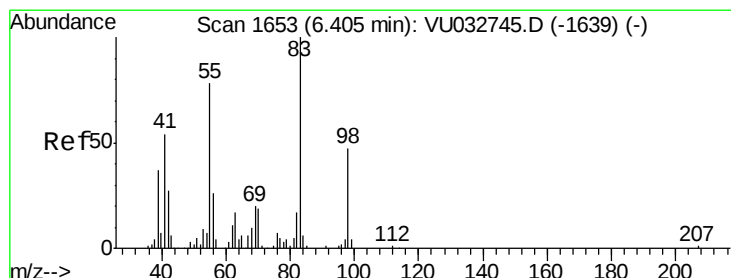
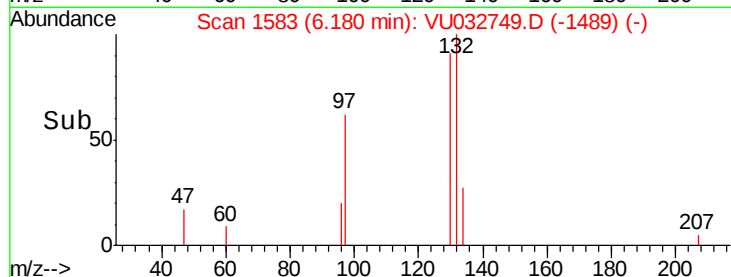
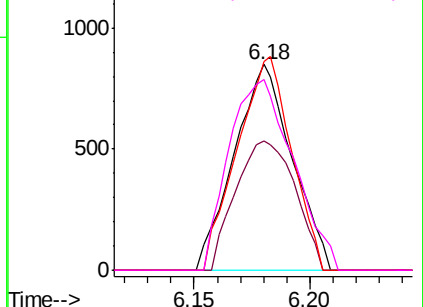


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.673 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032749.D

Acq: 15 Jun 2019 03:07

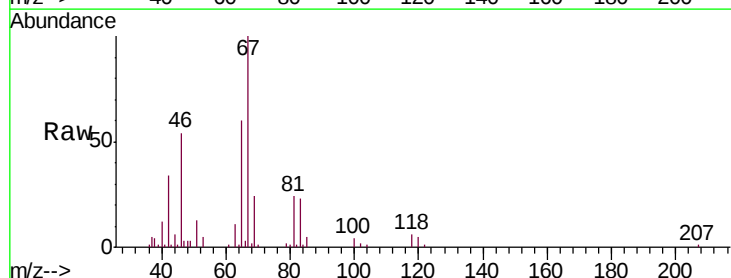
Tgt Ion: 83 Resp: 8549

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

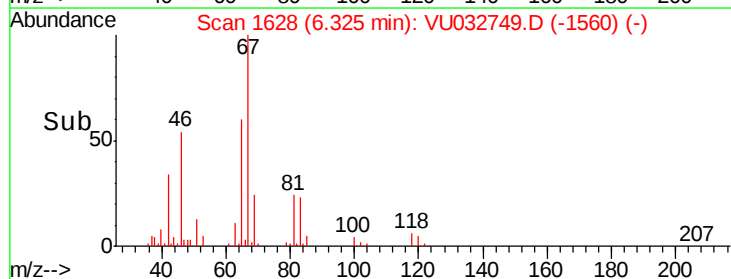
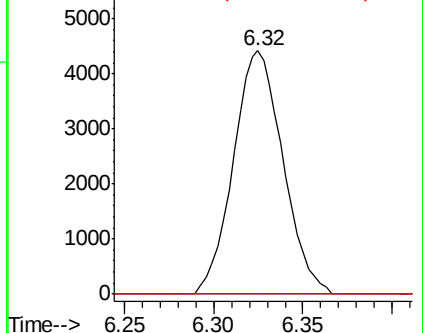
98 0.0 37.8 56.8#

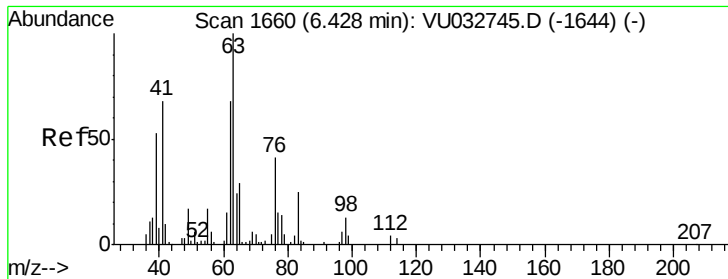


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032749.D

Acq: 15 Jun 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

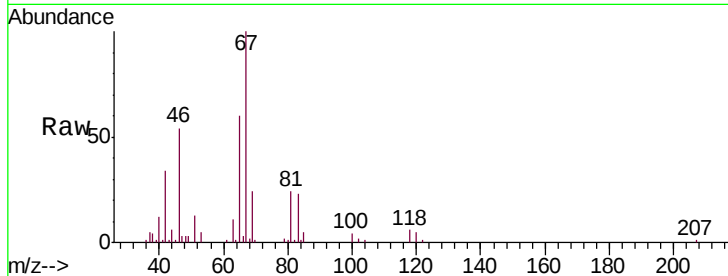
BFCM5

Tgt Ion: 63 Resp: 4039

Ion Ratio Lower Upper

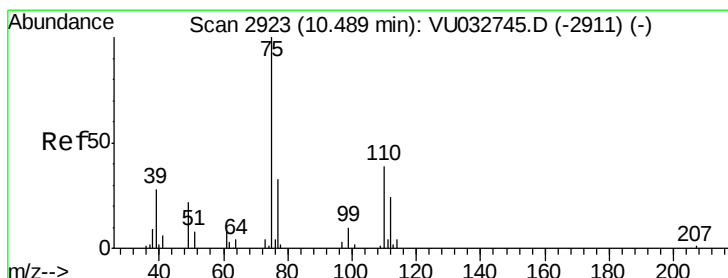
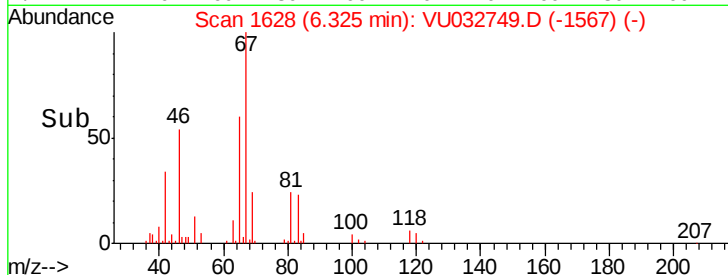
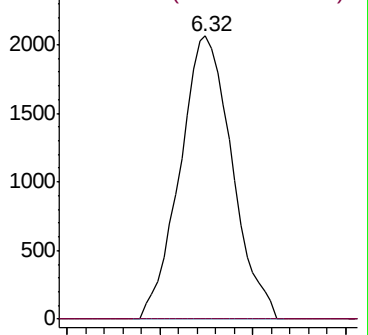
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#59

1,2,3-Trichloropropane

Concen: 1.157 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032749.D

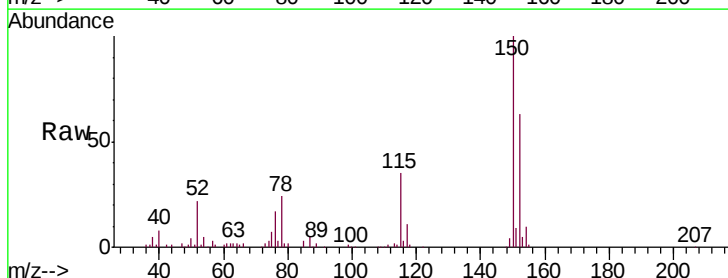
Acq: 15 Jun 2019 03:07

Tgt Ion: 75 Resp: 5398

Ion Ratio Lower Upper

75 100

77 41.5 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

