

Data File : VU032725.D
Acq On : 14 Jun 2019 16:00
Operator : JC/SP
Sample : K3364-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM34

Quant Time: Jun 14 23:52:31 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	104803	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	98072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28240	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.67	69	25195	4.33	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	44015	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.18	46	97786	51.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.64	84	60856	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.30	65	35251	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.33	84	119165	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.32	67	38788	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.56	98	105864	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	15863	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.31	63	82150	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33534	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	44015	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

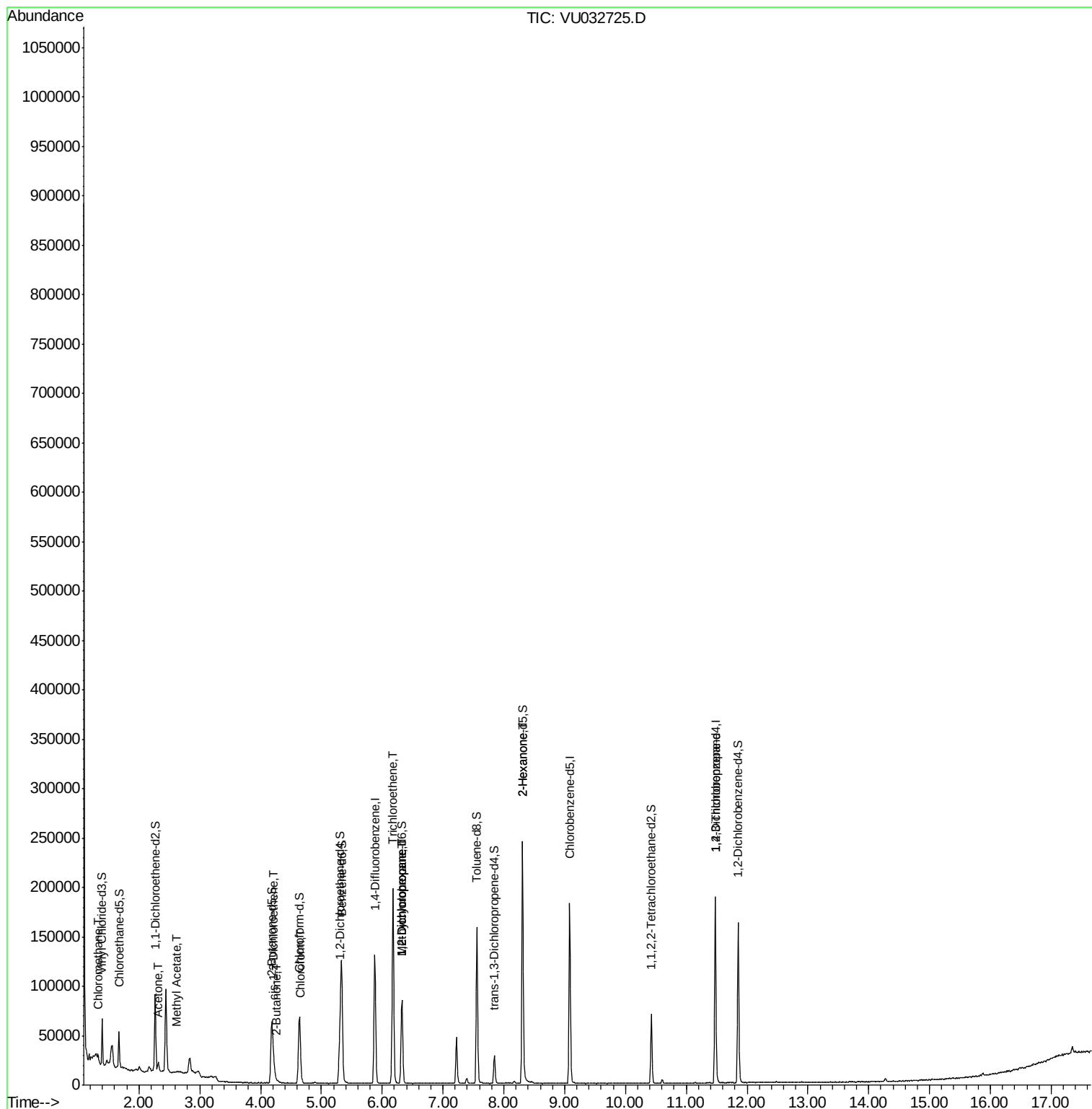
					Qvalue
3) Chloromethane	1.33	50	4316	0.463 ug/L	99
13) Acetone	2.32	43	10211	6.918 ug/L	98
15) Methyl Acetate	2.62	43	669	0.165 ug/L #	53
21) 2-Butanone	4.27	43	2185	1.018 ug/L	92
22) cis-1,2-Dichloroethene	4.22	96	3122	0.384 ug/L	97
25) Chloroform	4.67	83	2083	0.159 ug/L	99
34) Trichloroethene	6.18	95	65780	7.909 ug/L	99
35) Methylcyclohexane	6.32	83	8913	0.666 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4664	0.623 ug/L #	89
48) 2-Hexanone	8.31	43	11557	3.038 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	6099	1.241 ug/L #	88

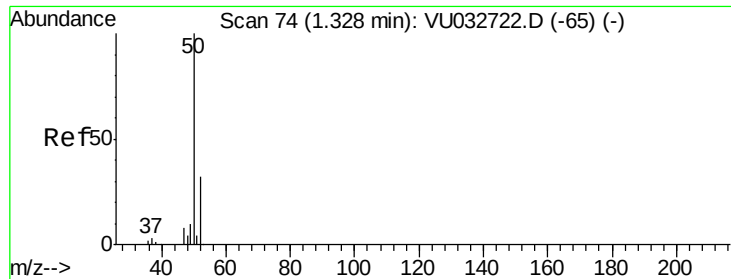
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032725.D
Acq On : 14 Jun 2019 16:00
Operator : JC/SP
Sample : K3364-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM34

Quant Time: Jun 14 23:52:31 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





#3

Chloromethane

Concen: 0.463 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032725.D

Acq: 14 Jun 2019 16:00

Instrument :

MSVOA_U

ClientSampleId :

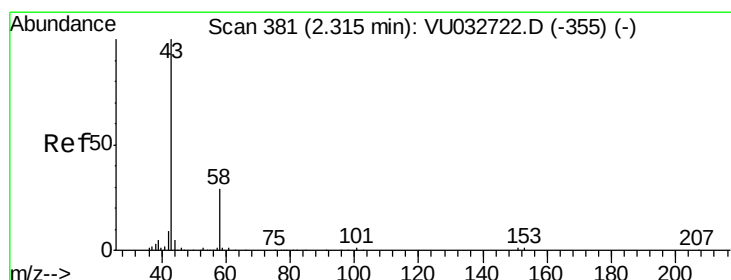
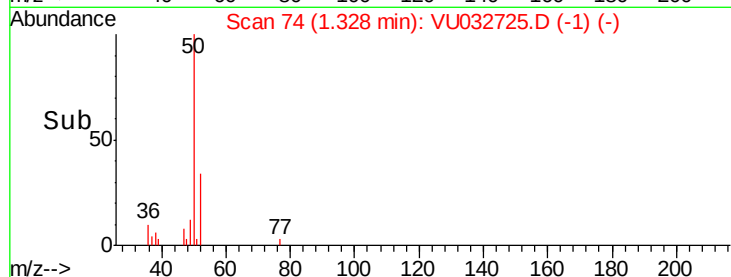
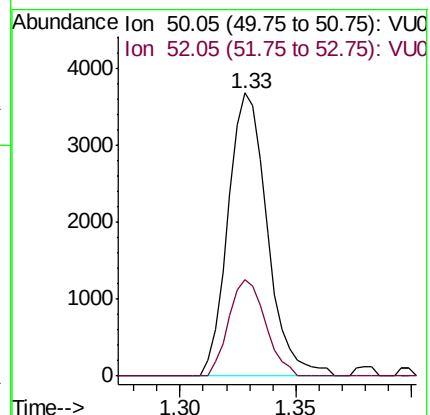
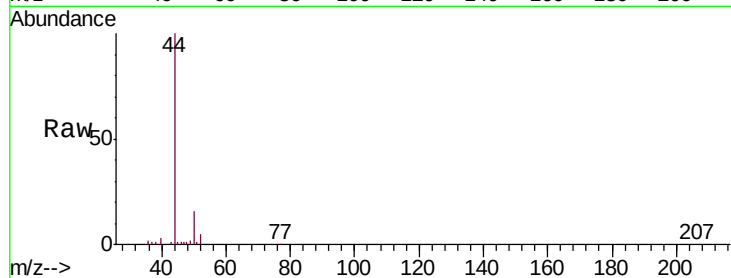
C0M34

Tgt Ion: 50 Resp: 4316

Ion Ratio Lower Upper

50 100

52 34.0 23.2 43.2



#13

Acetone

Concen: 6.918 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032725.D

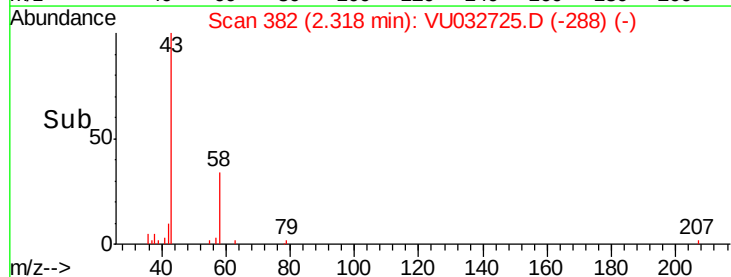
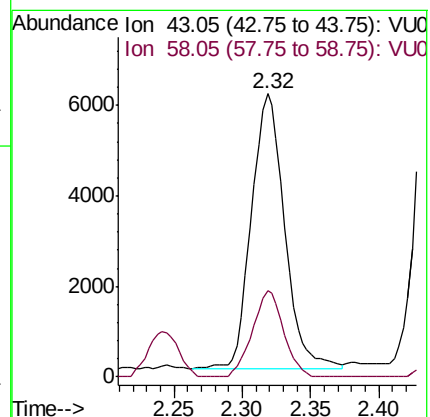
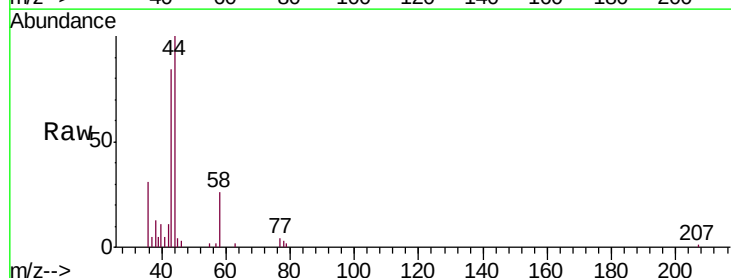
Acq: 14 Jun 2019 16:00

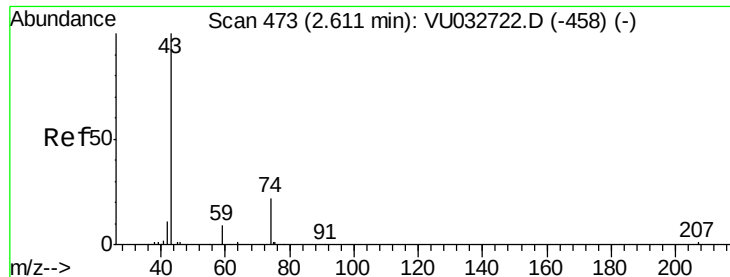
Tgt Ion: 43 Resp: 10211

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8

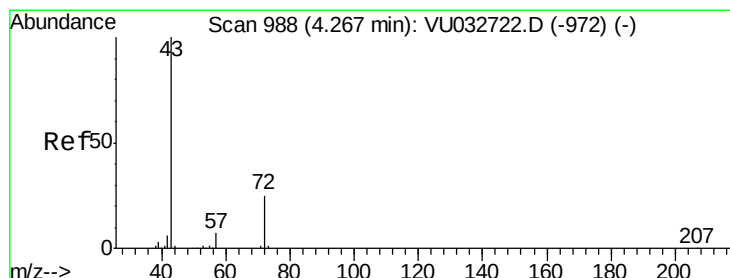
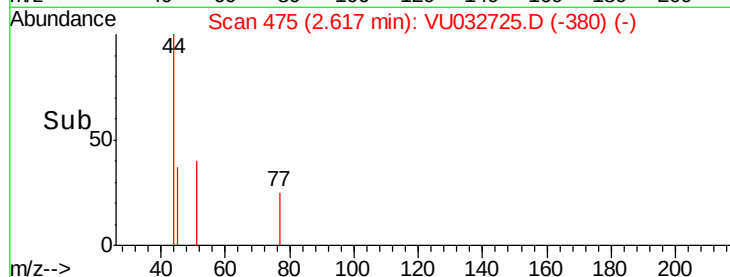
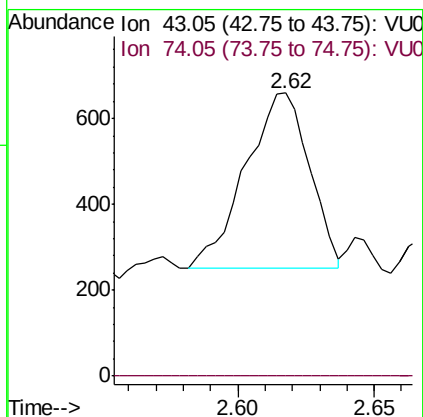
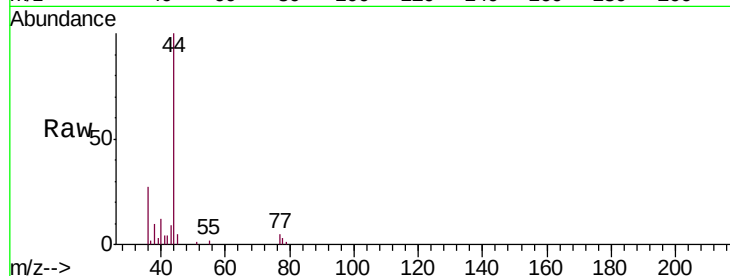




#15
Methyl Acetate
Concen: 0.165 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032725.D
Acq: 14 Jun 2019 16:00

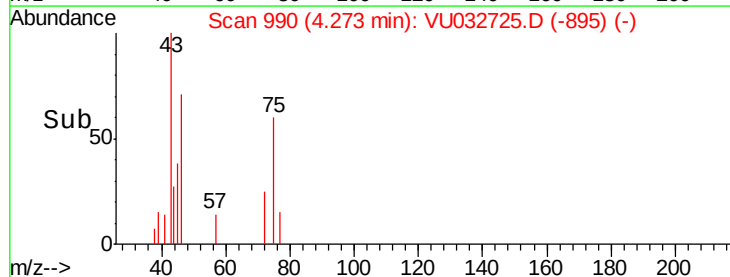
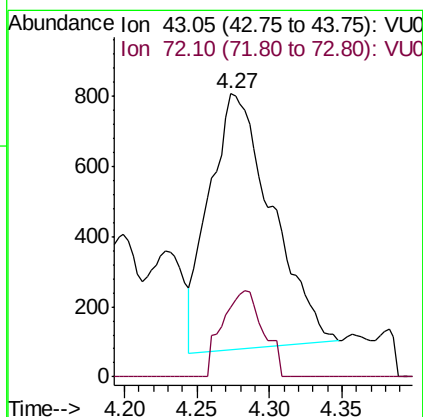
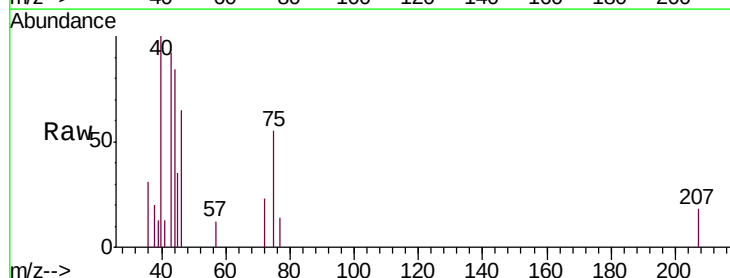
Instrument :
MSVOA_U
ClientSampleId :
COM34

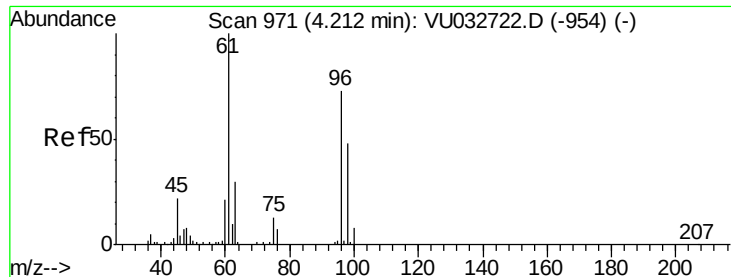
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#21
2-Butanone
Concen: 1.018 ug/L
RT: 4.27 min Scan# 990
Delta R.T. 0.01 min
Lab File: VU032725.D
Acq: 14 Jun 2019 16:00

Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
72 22.0 13.1 39.3





#22

cis-1,2-Dichloroethene

Concen: 0.384 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU032725.D

Acq: 14 Jun 2019 16:00

Instrument :

MSVOA_U

ClientSampleId :

C0M34

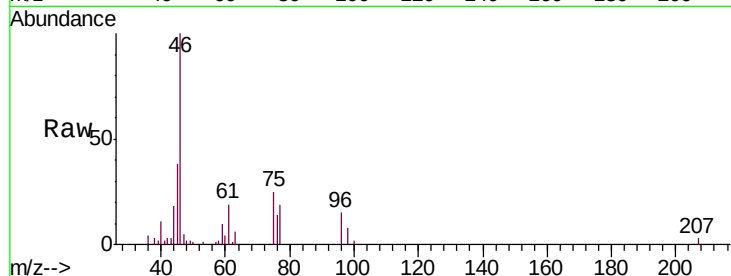
Tgt Ion: 96 Resp: 3122

Ion Ratio Lower Upper

96 100

61 127.5 86.6 160.8

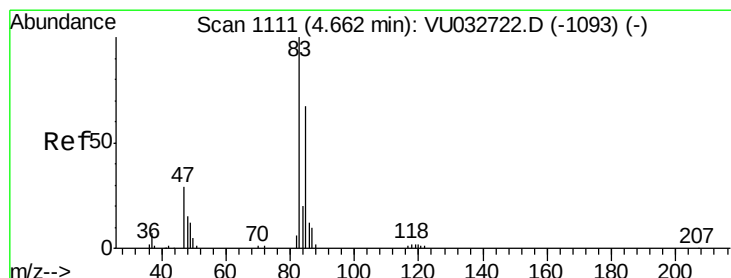
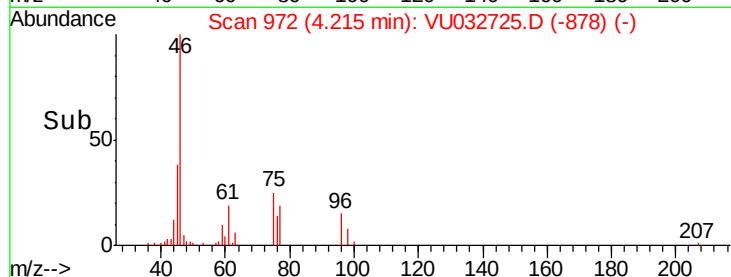
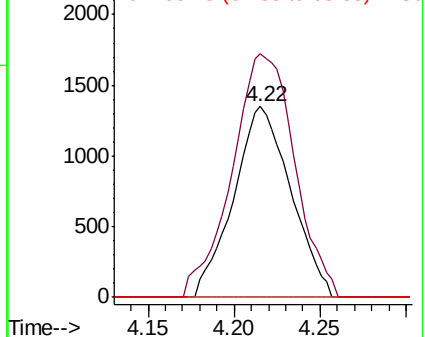
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032725.D (-978) (-)

Ion 61.05 (60.75 to 61.75): VU032725.D (-978) (-)

Ion 68.15 (67.85 to 68.85): VU032725.D (-978) (-)



#25

Chloroform

Concen: 0.159 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032725.D

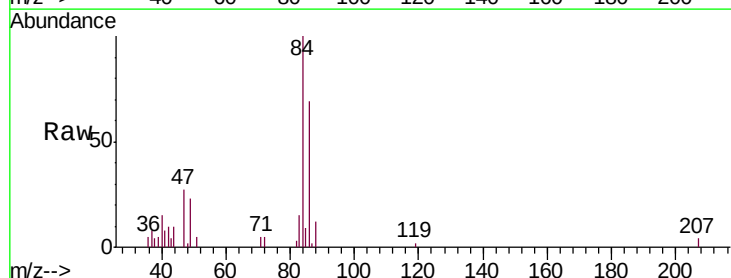
Acq: 14 Jun 2019 16:00

Tgt Ion: 83 Resp: 2083

Ion Ratio Lower Upper

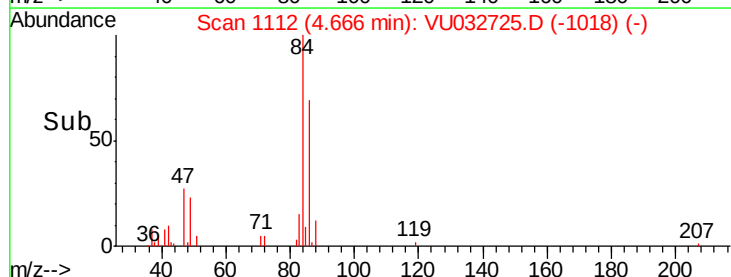
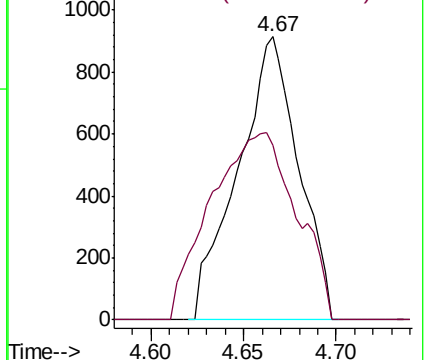
83 100

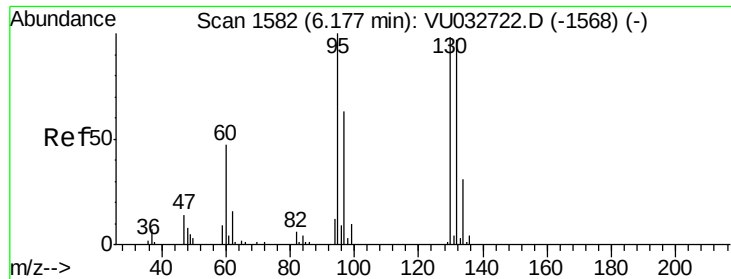
85 61.9 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032725.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VU032725.D (-1018) (-)





#34

Trichloroethene

Concen: 7.909 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VU032725.D

Acq: 14 Jun 2019 16:00

Instrument :

MSVOA_U

ClientSampleId :

COM34

Tgt Ion: 95 Resp: 65780

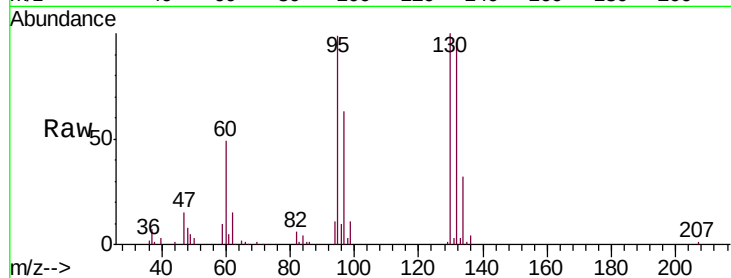
Ion Ratio Lower Upper

95 100

97 63.5 44.1 81.9

132 97.0 68.8 127.8

130 100.5 71.0 131.8

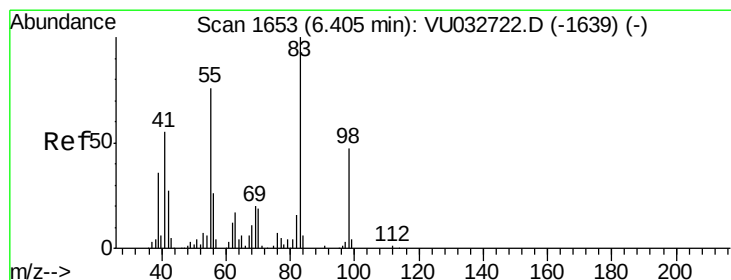
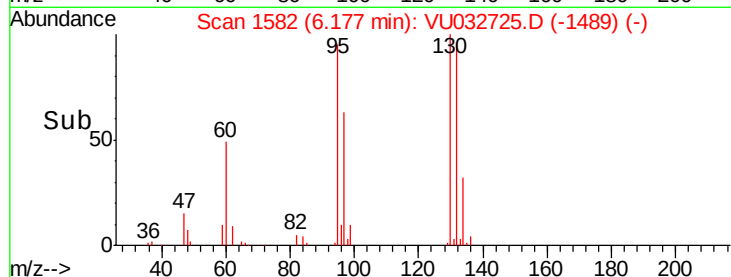
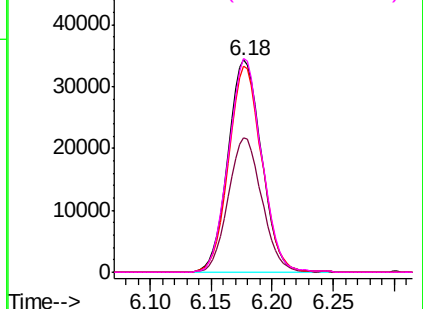


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.666 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032725.D

Acq: 14 Jun 2019 16:00

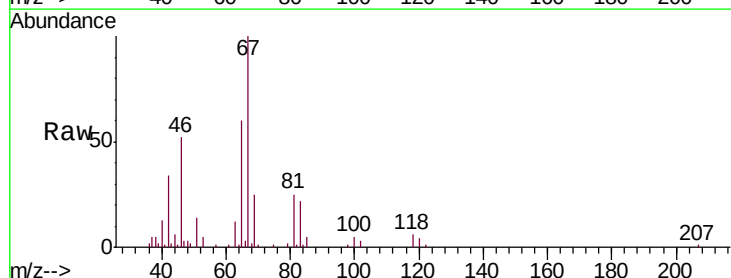
Tgt Ion: 83 Resp: 8913

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

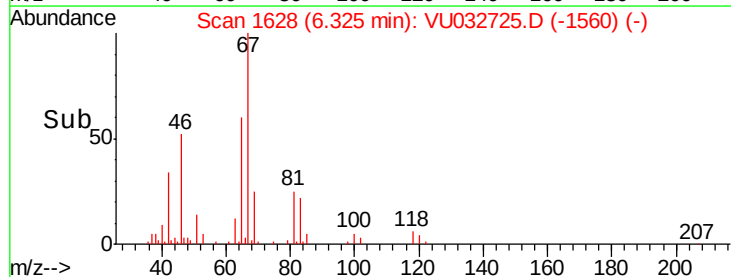
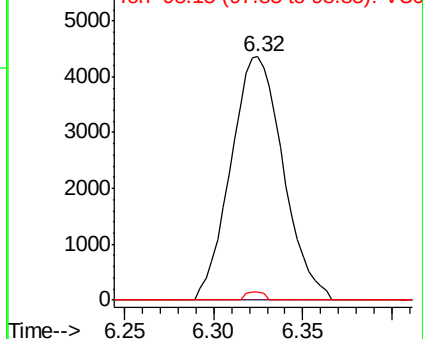
98 1.1 37.8 56.8#

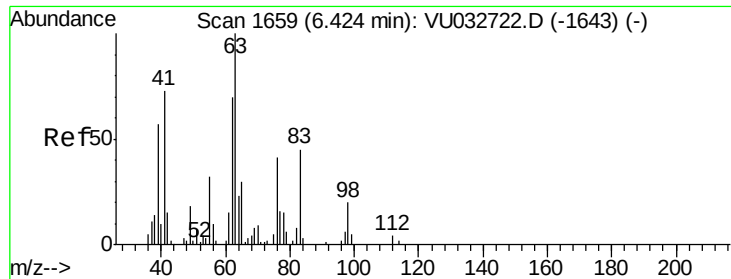


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032725.D

Acq: 14 Jun 2019 16:00

Instrument :

MSVOA_U

ClientSampled :

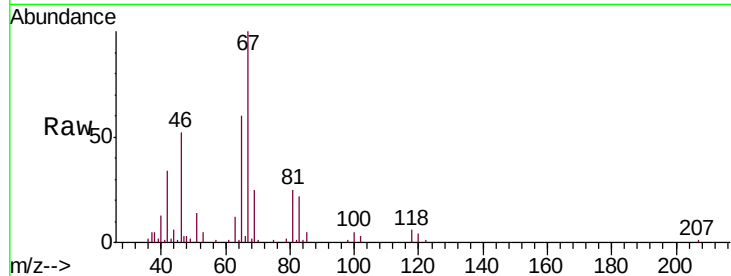
COM34

Tgt Ion: 63 Resp: 4664

Ion Ratio Lower Upper

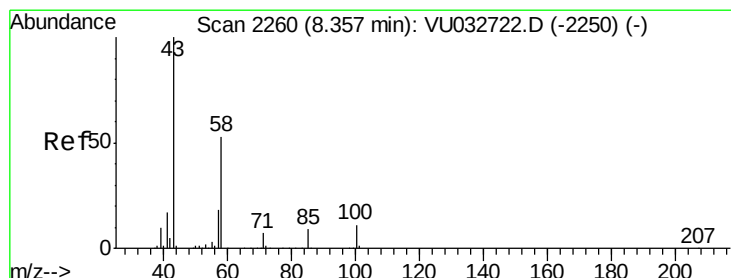
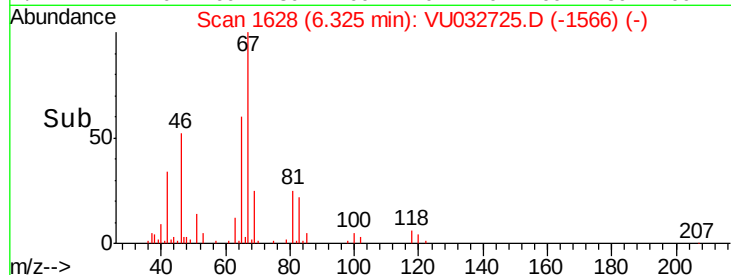
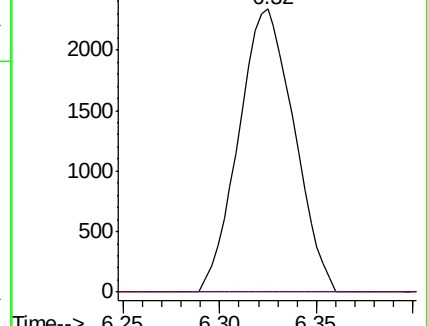
63 100

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



#48

2-Hexanone

Concen: 3.038 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU032725.D

Acq: 14 Jun 2019 16:00

Tgt Ion: 43 Resp: 11557

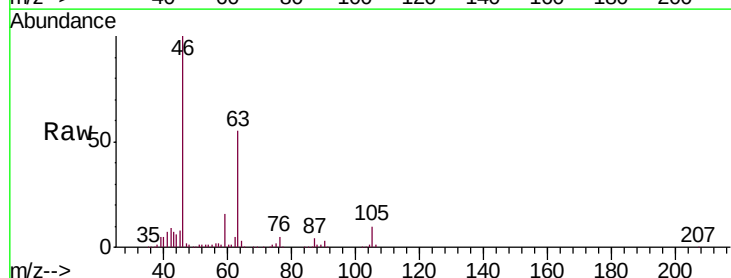
Ion Ratio Lower Upper

43 100

58 22.6 41.9 62.9#

57 22.1 15.1 22.7

100 0.0 9.0 13.6#

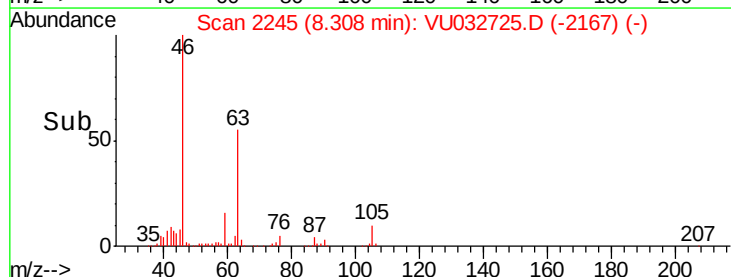
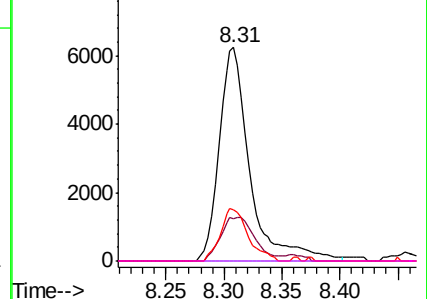


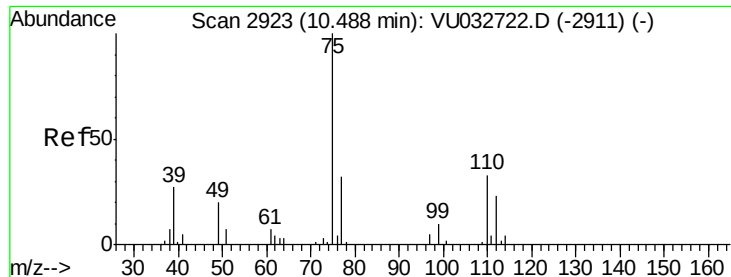
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.241 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032725.D

Acq: 14 Jun 2019 16:00

Instrument :

MSVOA_U

ClientSampleId :

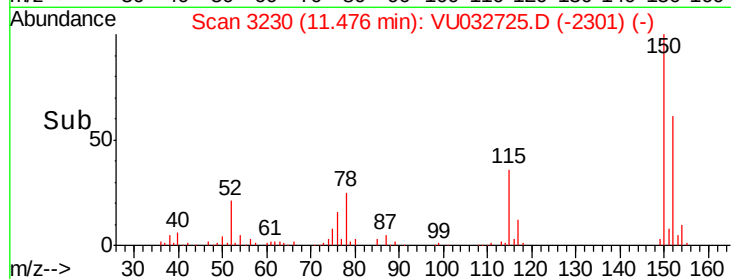
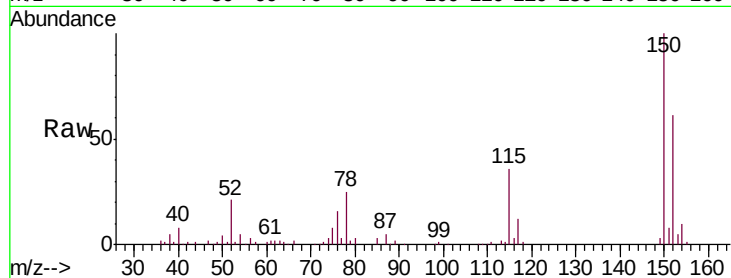
COM34

Tgt Ion: 75 Resp: 6099

Ion Ratio Lower Upper

75 100

77 38.3 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

