

Data File : VU032735.D
Acq On : 14 Jun 2019 20:32
Operator : JC/SP
Sample : K3365-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM59

Quant Time: Jun 14 23:53:49 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	97746	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44268	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28730	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.67	69	25182	4.64	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.27	63	44107	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.18	46	101745	57.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.74%
24) Chloroform-d	4.64	84	61853	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.30	65	35781	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.33	84	115865	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.32	67	38721	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.56	98	99333	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	13914	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.31	63	78790	52.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35089	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	41370	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

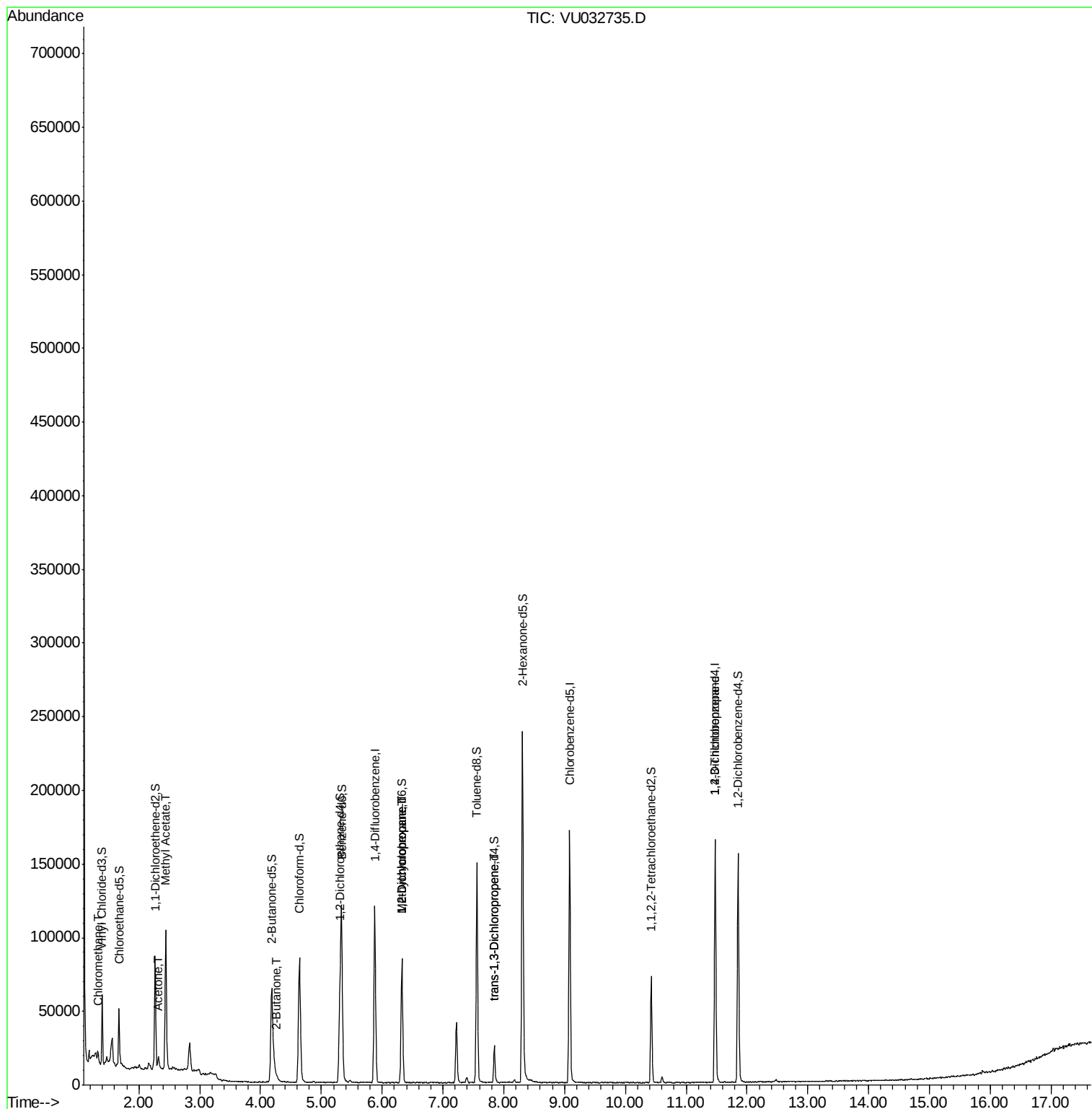
					Qvalue
3) Chloromethane	1.33	50	5088	0.585 ug/L	99
13) Acetone	2.32	43	8022	5.828 ug/L	98
15) Methyl Acetate	2.44	43	22958	6.078 ug/L #	53
21) 2-Butanone	4.27	43	3530	1.763 ug/L	77
35) Methylcyclohexane	6.32	83	8908	0.718 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4300	0.619 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	732	0.086 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	5731	1.257 ug/L #	85

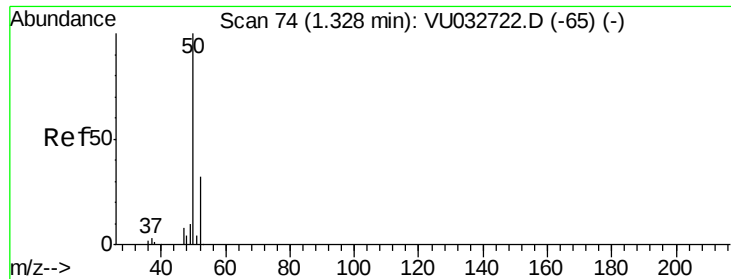
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.585 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU032735.D

Acq: 14 Jun 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

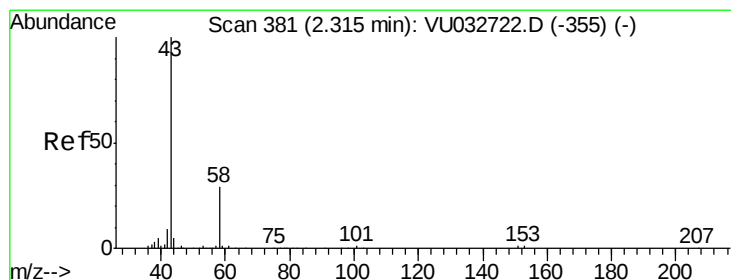
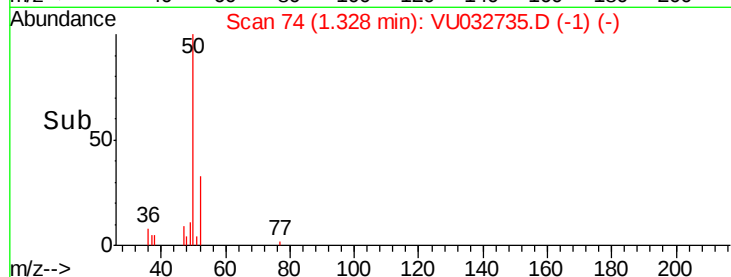
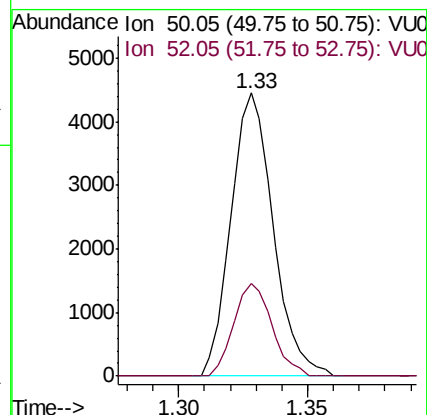
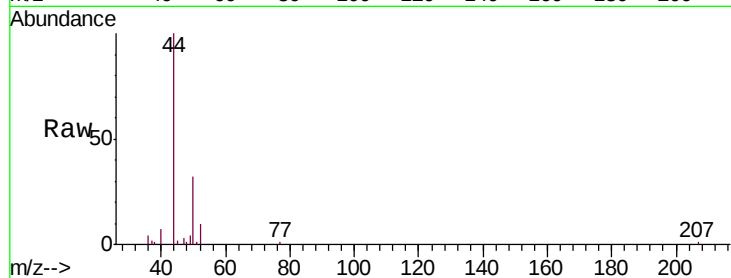
C0M59

Tgt Ion: 50 Resp: 5088

Ion Ratio Lower Upper

50 100

52 32.7 23.2 43.2



#13

Acetone

Concen: 5.828 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032735.D

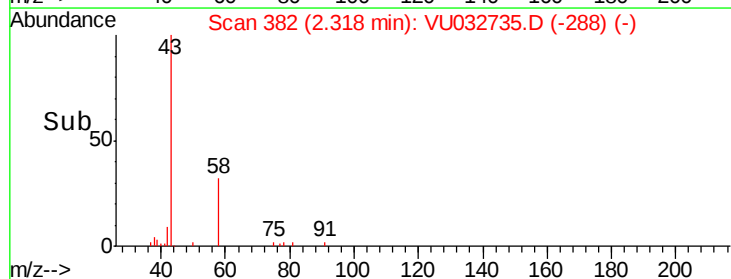
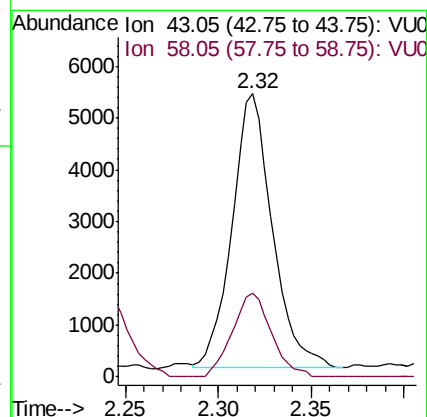
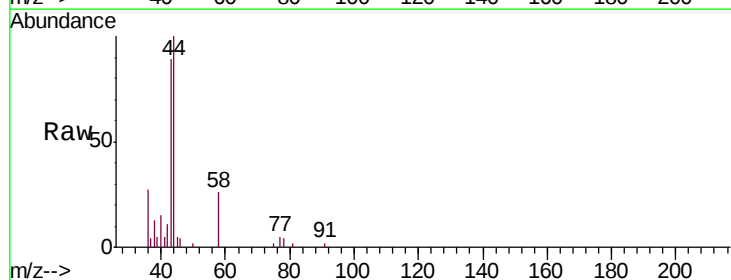
Acq: 14 Jun 2019 20:32

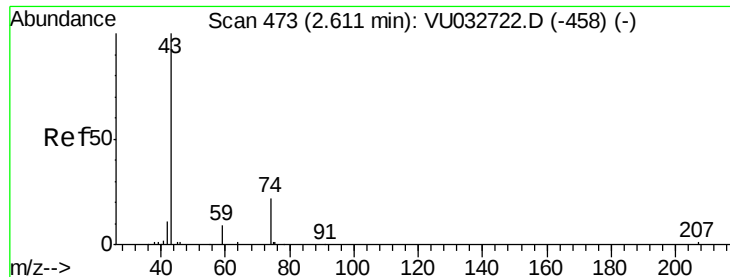
Tgt Ion: 43 Resp: 8022

Ion Ratio Lower Upper

43 100

58 29.4 0.0 60.8

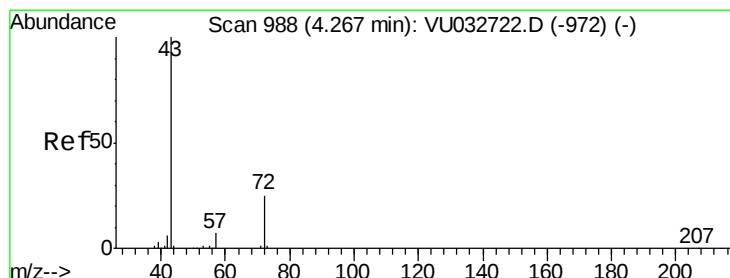
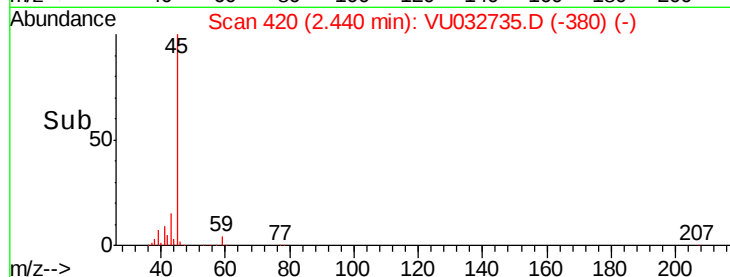
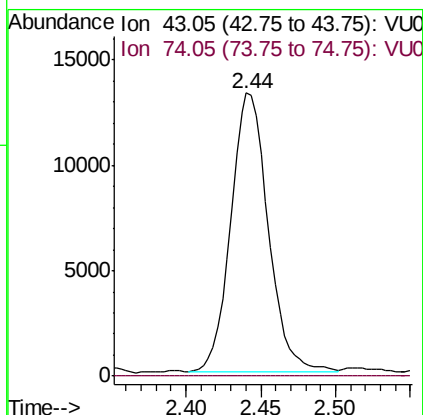
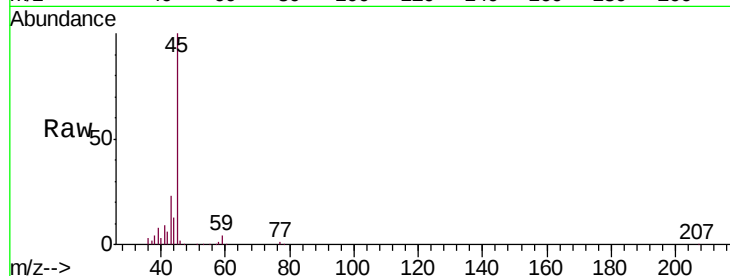




#15
Methyl Acetate
Concen: 6.078 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU032735.D
Acq: 14 Jun 2019 20:32

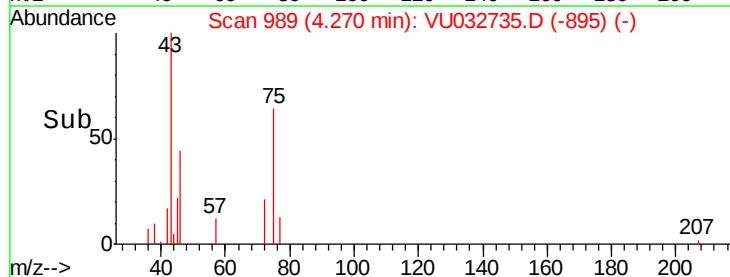
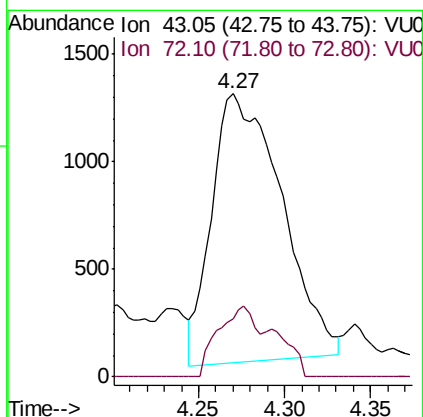
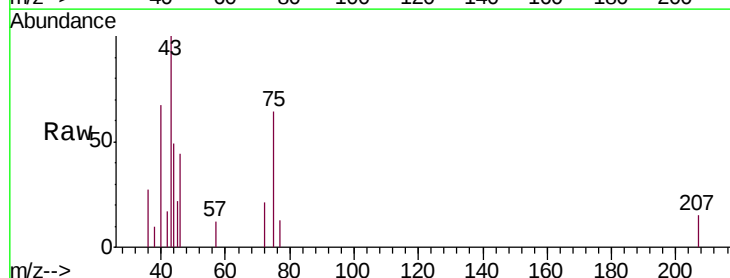
Instrument :
MSVOA_U
ClientSampled :
COM59

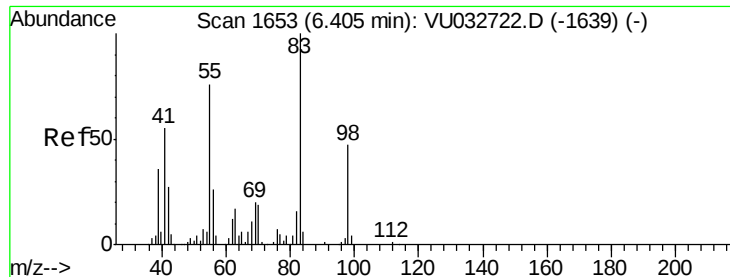
Tgt Ion: 43 Resp: 22958
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#21
2-Butanone
Concen: 1.763 ug/L
RT: 4.27 min Scan# 989
Delta R.T. 0.00 min
Lab File: VU032735.D
Acq: 14 Jun 2019 20:32

Tgt Ion: 43 Resp: 3530
Ion Ratio Lower Upper
43 100
72 14.4 13.1 39.3





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032735.D

Acq: 14 Jun 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

C0M59

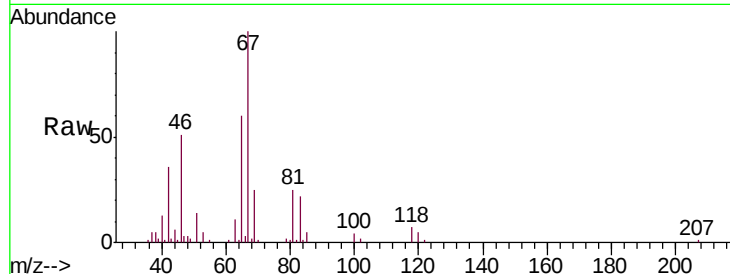
Tgt Ion: 83 Resp: 8908

Ion Ratio Lower Upper

83 100

55 0.2 60.0 90.0#

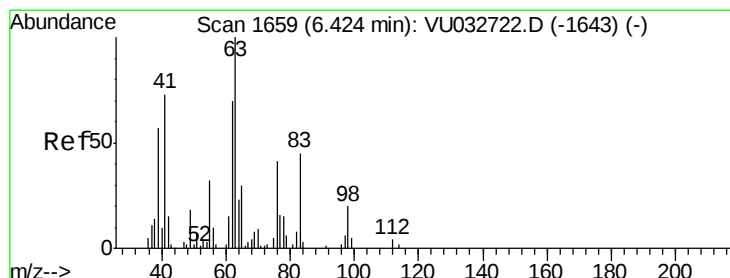
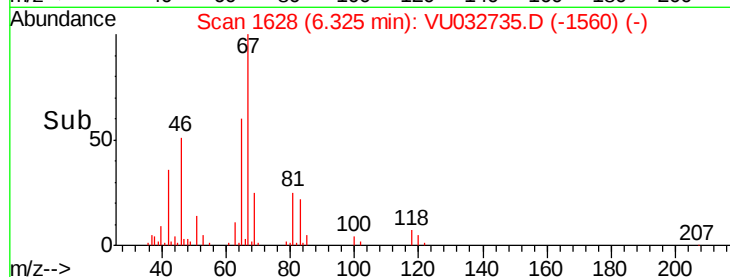
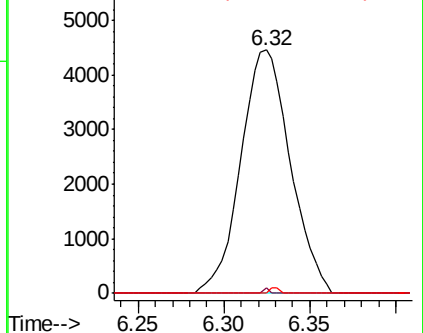
98 0.5 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032735.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032735.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032735.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032735.D

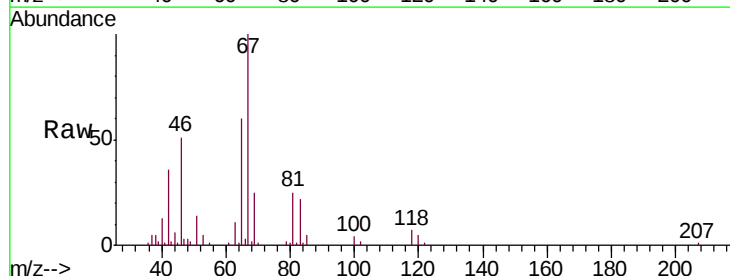
Acq: 14 Jun 2019 20:32

Tgt Ion: 63 Resp: 4300

Ion Ratio Lower Upper

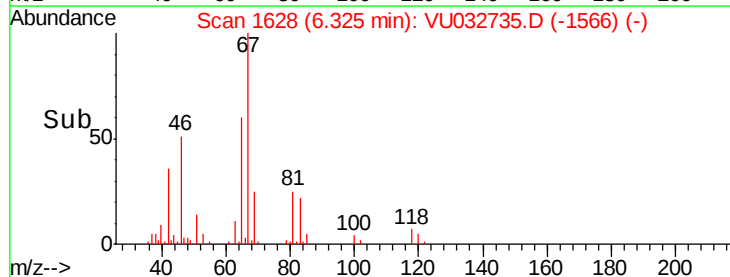
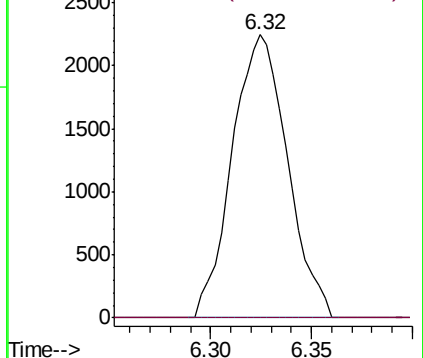
63 100

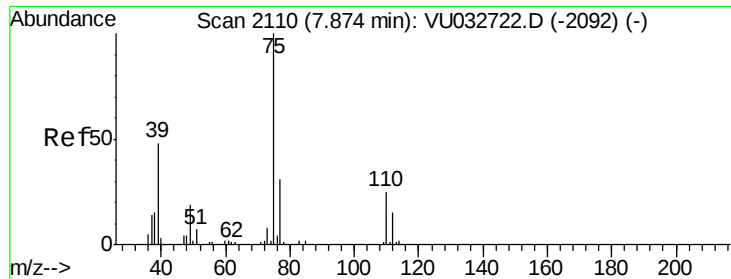
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032735.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VU032735.D (-1566) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032735.D

Acq: 14 Jun 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

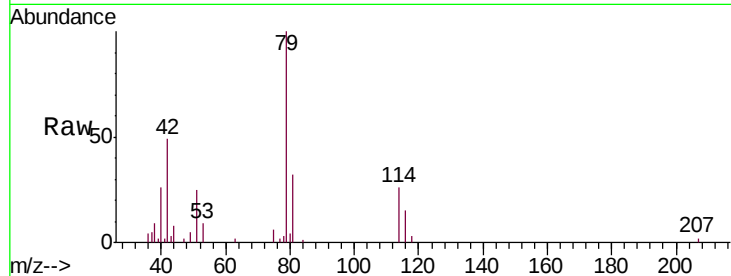
C0M59

Tgt Ion: 75 Resp: 732

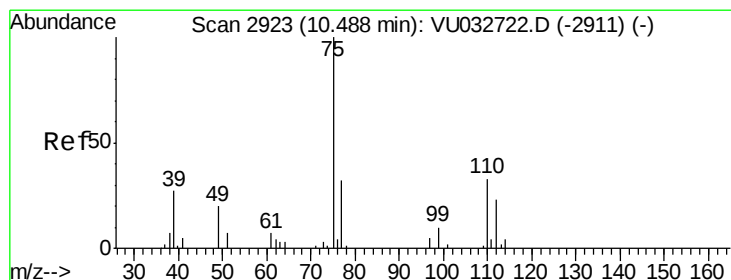
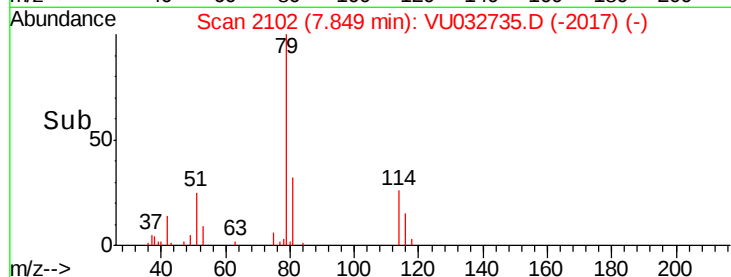
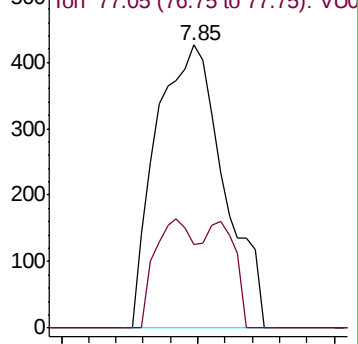
Ion Ratio Lower Upper

75 100

77 29.3 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU032722.D (-2092) (-)



#59

1,2,3-Trichloropropane

Concen: 1.257 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032735.D

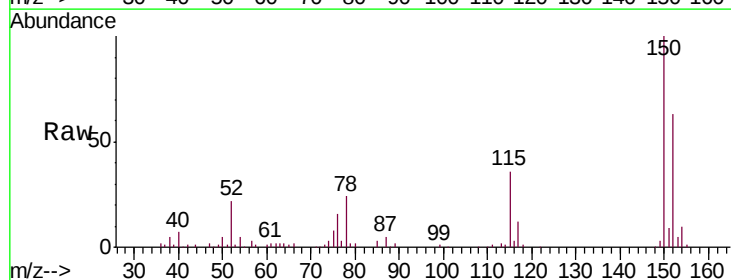
Acq: 14 Jun 2019 20:32

Tgt Ion: 75 Resp: 5731

Ion Ratio Lower Upper

75 100

77 40.2 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU032722.D (-2911) (-)

