

Data File : VU032792.D
Acq On : 17 Jun 2019 18:58
Operator : JC/SP
Sample : K3324-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR3

Quant Time: Jun 18 02:44:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225869	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	219198	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61491	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.68%
7) Chloroethane-d5	1.68	69	52912	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.96%
11) 1,1-Dichloroethene-d2	2.27	63	96453	31.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.04%
21) 2-Butanone-d5	4.17	46	139199	108.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.34%
24) Chloroform-d	4.64	84	131989	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	5.30	65	93804	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
32) Benzene-d6	5.33	84	259249	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.32	67	86760	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	7.56	98	236732	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%
43) trans-1,3-Dichloropropene-	7.84	79	41981	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.31	63	102276	120.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130973	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	101354	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%

Target Compounds

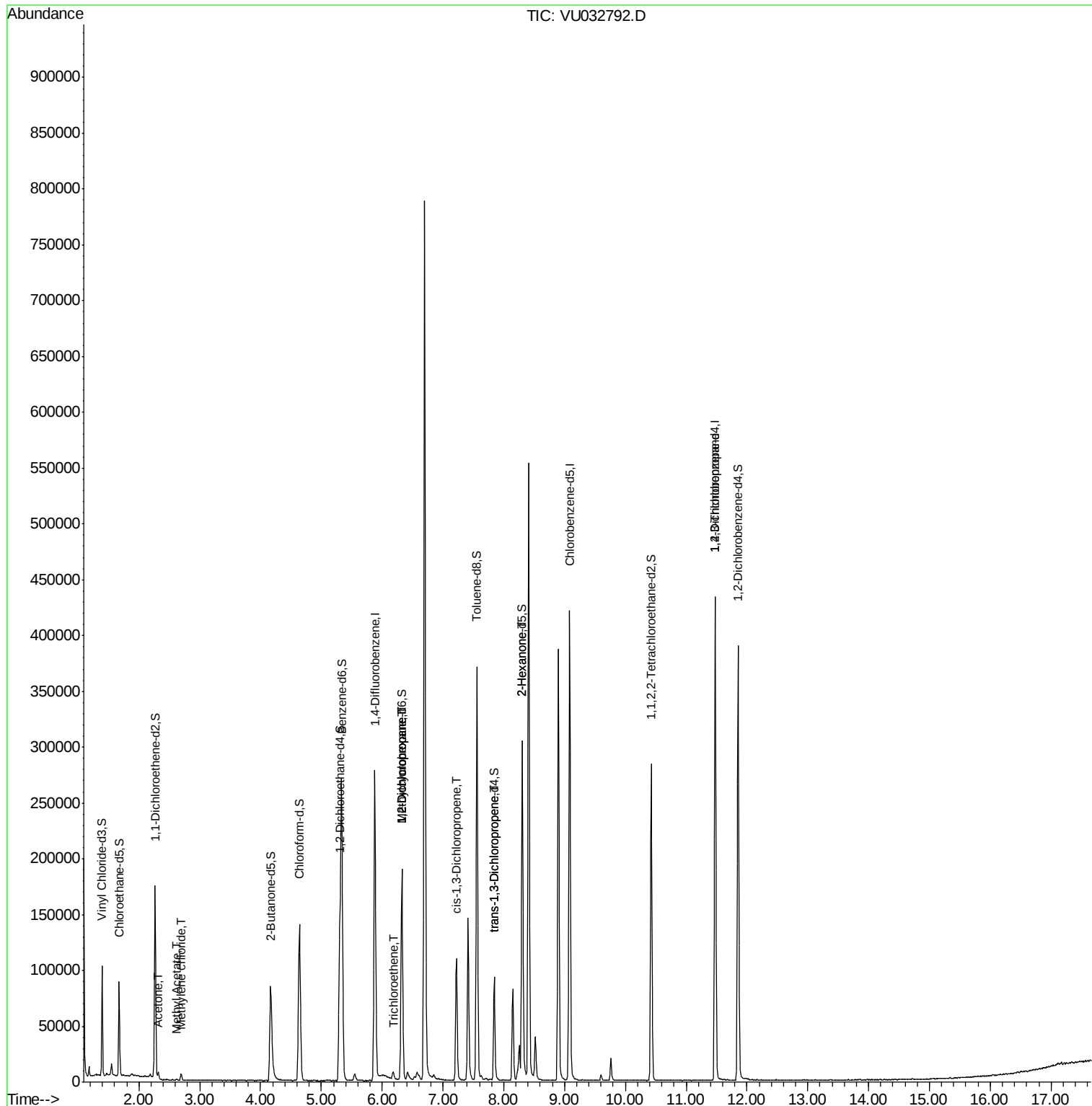
					Qvalue
13) Acetone	2.32	43	4998	2.816 ug/L	94
15) Methyl Acetate	2.62	43	1752	0.871 ug/L #	84
16) Methylene chloride	2.69	84	2147	1.286 ug/L	96
34) Trichloroethene	6.18	95	1964	1.164 ug/L	89
35) Methylcyclohexane	6.32	83	19968	7.657 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10422	6.017 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3081	1.142 ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	2240	0.884 ug/L	96
48) 2-Hexanone	8.31	43	17689	7.250 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	13460	5.823 ug/L	90

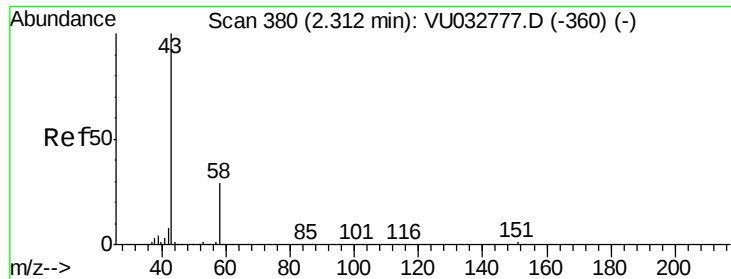
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.816 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU032792.D

Acq: 17 Jun 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

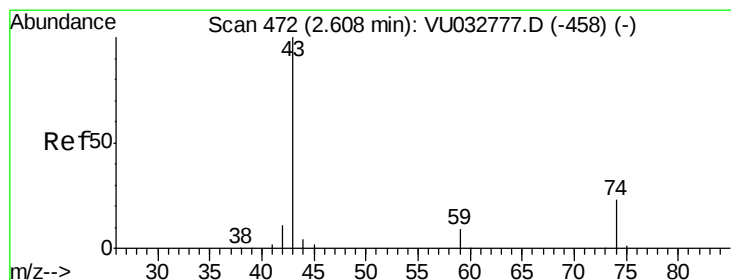
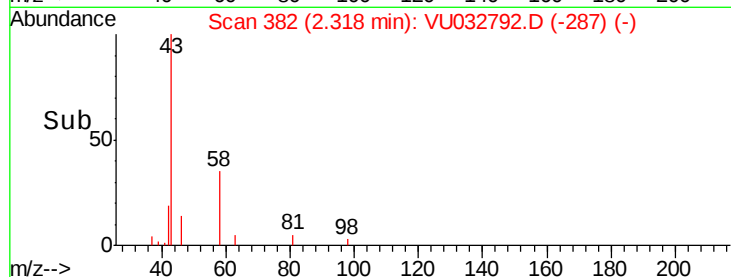
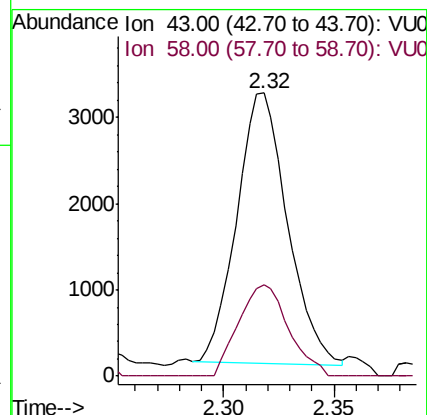
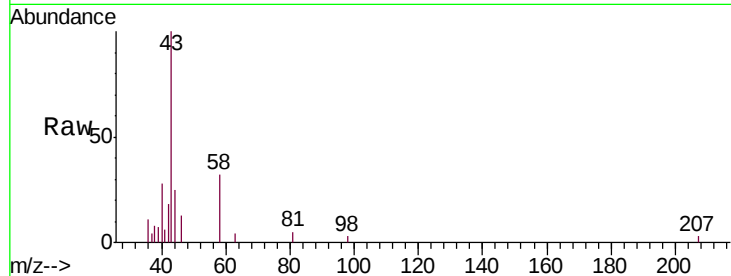
C0JR3

Tgt Ion: 43 Resp: 4998

Ion Ratio Lower Upper

43 100

58 33.3 0.0 60.6



#15

Methyl Acetate

Concen: 0.871 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032792.D

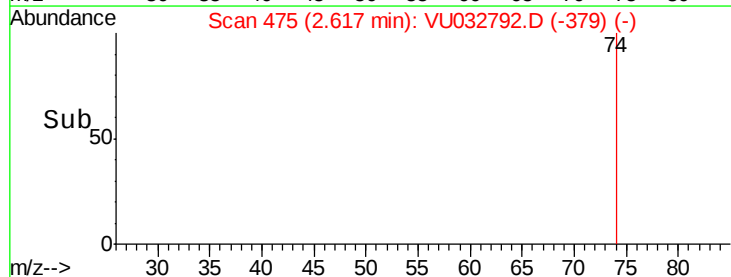
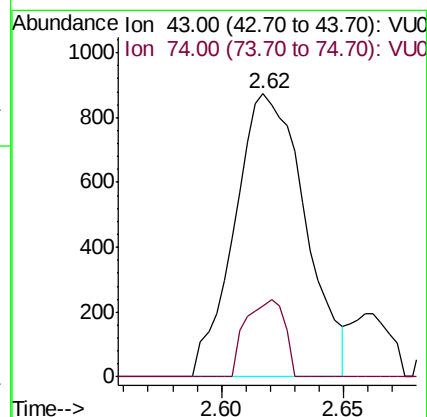
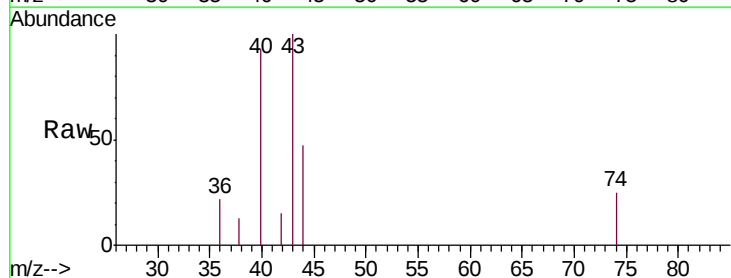
Acq: 17 Jun 2019 18:58

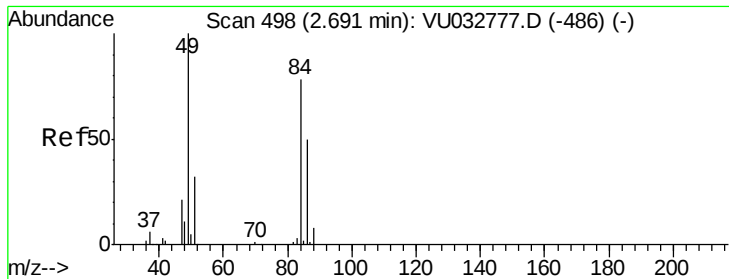
Tgt Ion: 43 Resp: 1752

Ion Ratio Lower Upper

43 100

74 14.9 18.1 27.1#

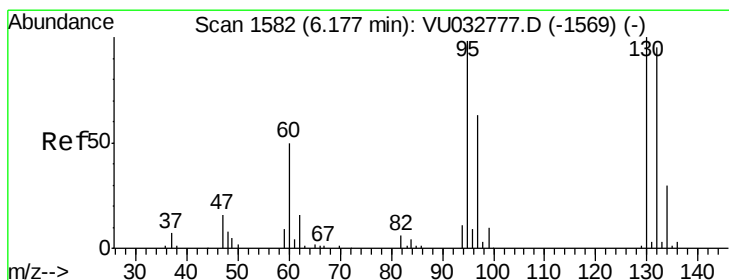
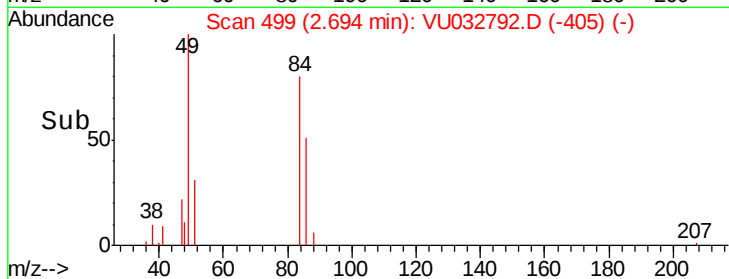
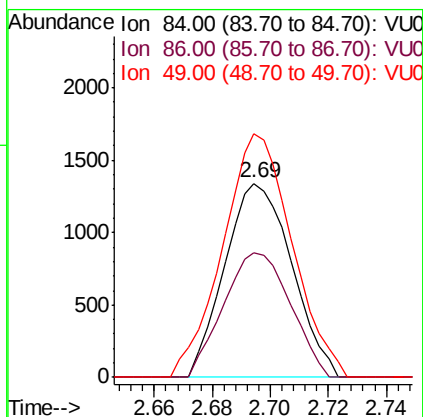
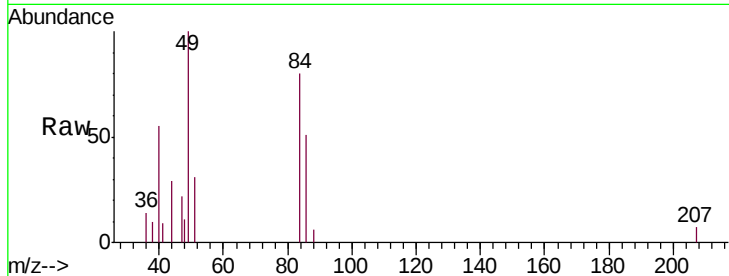




#16
Methylene chloride
Concen: 1.286 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032792.D
Acq: 17 Jun 2019 18:58

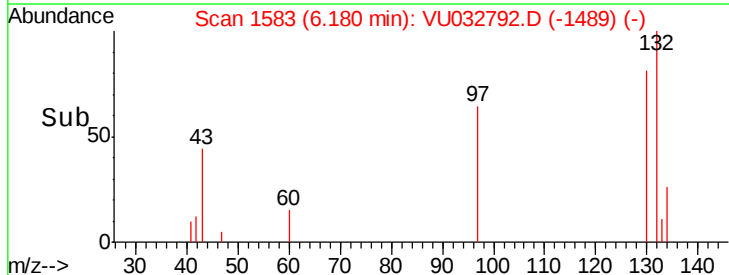
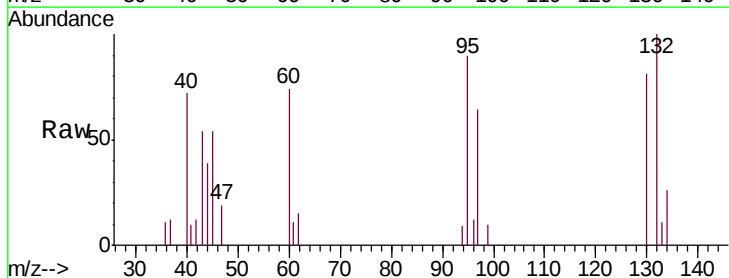
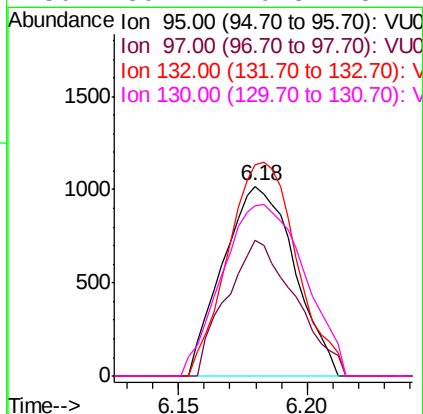
Instrument :
MSVOA_U
ClientSampleId :
C0JR3

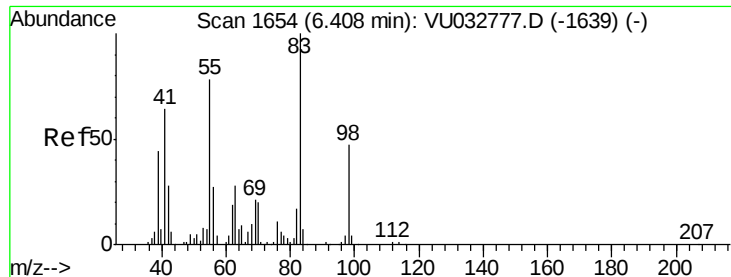
Tgt Ion: 84 Resp: 2147
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 125.4 92.1 171.1



#34
Trichloroethene
Concen: 1.164 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032792.D
Acq: 17 Jun 2019 18:58

Tgt Ion: 95 Resp: 1964
Ion Ratio Lower Upper
95 100
97 71.5 45.9 85.3
132 111.2 68.5 127.3
130 89.7 70.8 131.4





#35

Methylcyclohexane

Concen: 7.657 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032792.D

Acq: 17 Jun 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

C0JR3

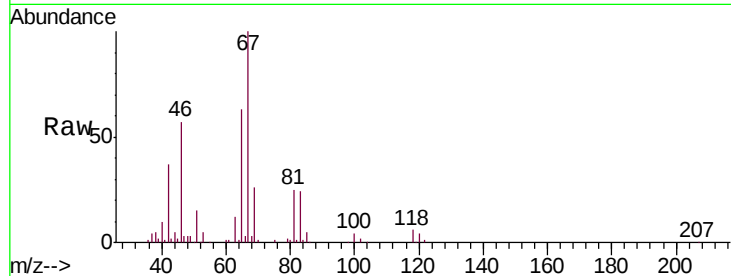
Tgt Ion: 83 Resp: 19968

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

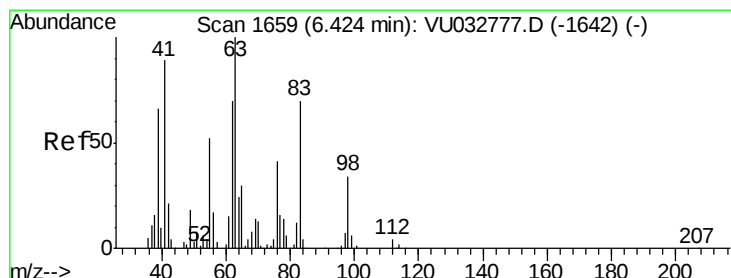
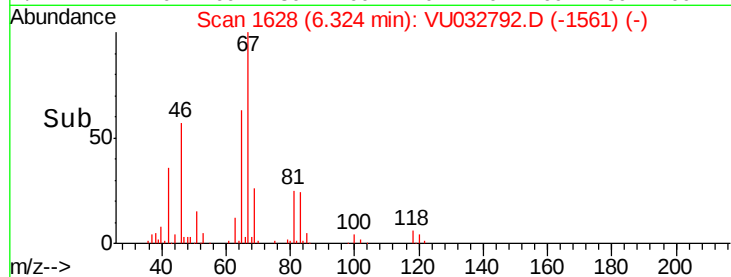
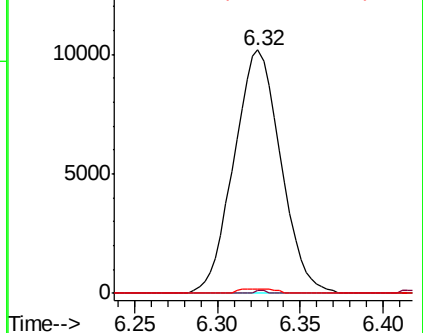
98 0.8 37.4 56.0#



Abundance Ion 83.00 (82.70 to 83.70): VU032792.D (-1561) (-)

Ion 55.00 (54.70 to 55.70): VU032792.D (-1561) (-)

Ion 98.00 (97.70 to 98.70): VU032792.D (-1561) (-)



#37

1,2-Dichloropropane

Concen: 6.017 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032792.D

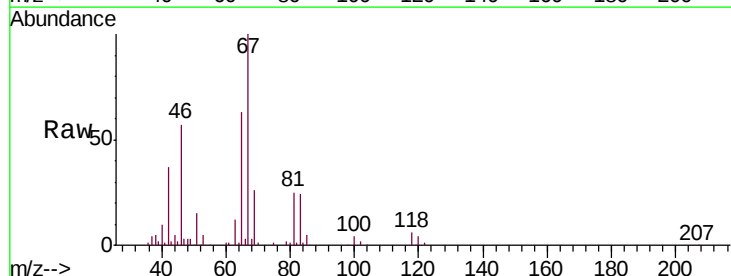
Acq: 17 Jun 2019 18:58

Tgt Ion: 63 Resp: 10422

Ion Ratio Lower Upper

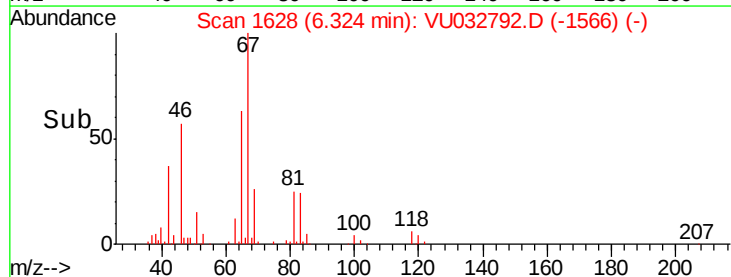
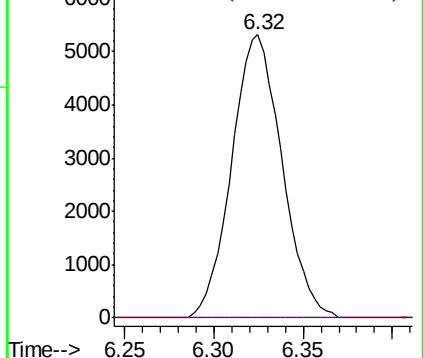
63 100

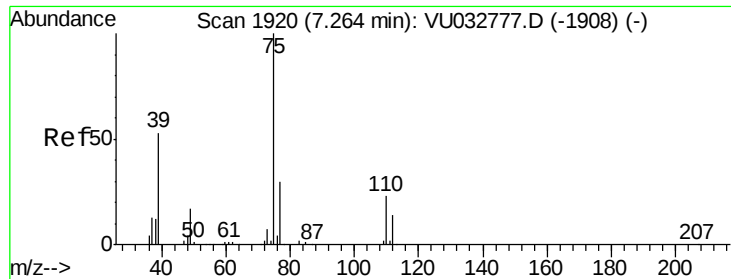
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU032792.D (-1566) (-)

Ion 112.00 (111.70 to 112.70): VU032792.D (-1566) (-)

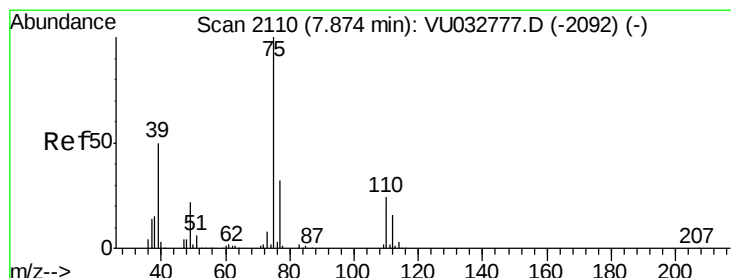
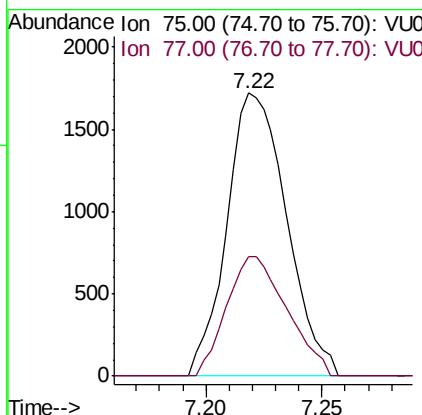
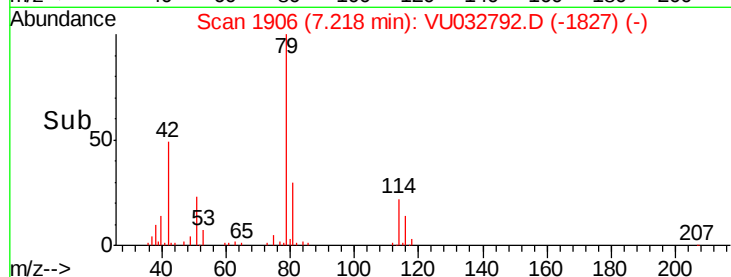
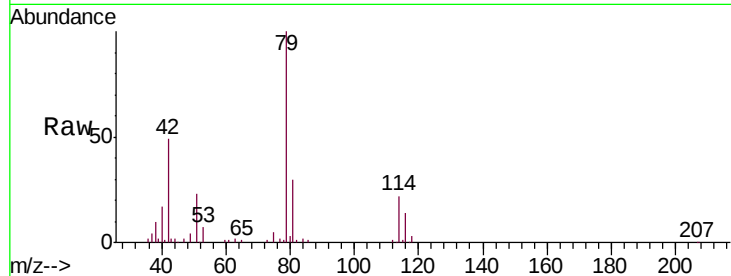




#39
 cis-1,3-Dichloropropene
 Concen: 1.142 ug/L
 RT: 7.22 min Scan# 1906
 Delta R.T. -0.05 min
 Lab File: VU032792.D
 Acq: 17 Jun 2019 18:58

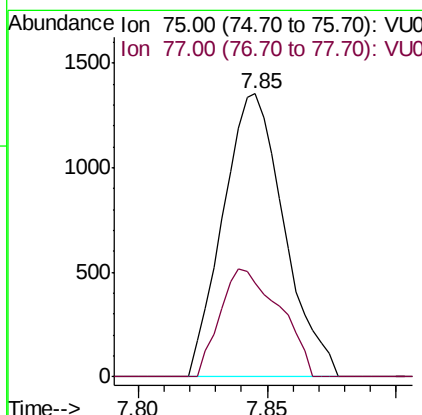
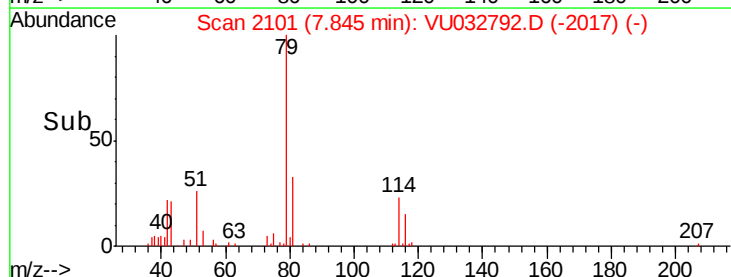
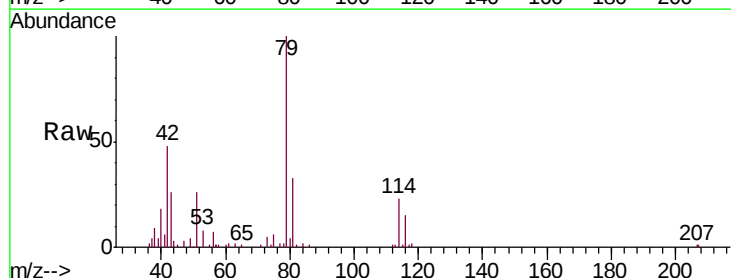
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR3

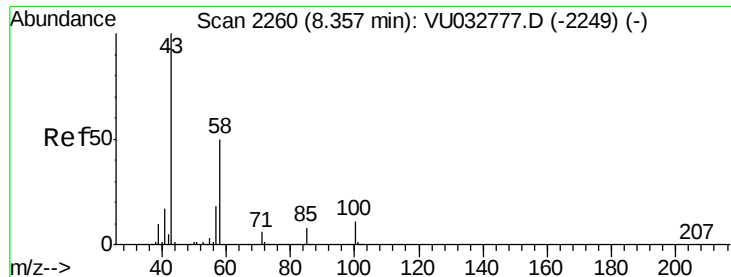
Tgt Ion: 75 Resp: 3081
 Ion Ratio Lower Upper
 75 100
 77 42.1 21.9 40.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.884 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032792.D
 Acq: 17 Jun 2019 18:58

Tgt Ion: 75 Resp: 2240
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.8 40.4





#48

2-Hexanone

Concen: 7.250 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU032792.D

Acq: 17 Jun 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

C0JR3

Tgt Ion: 43 Resp: 17689

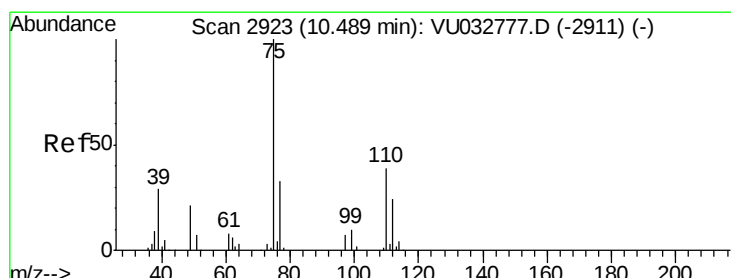
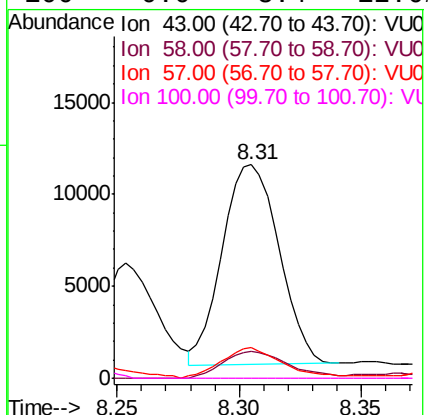
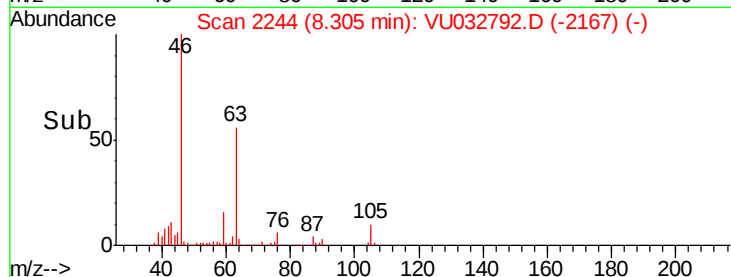
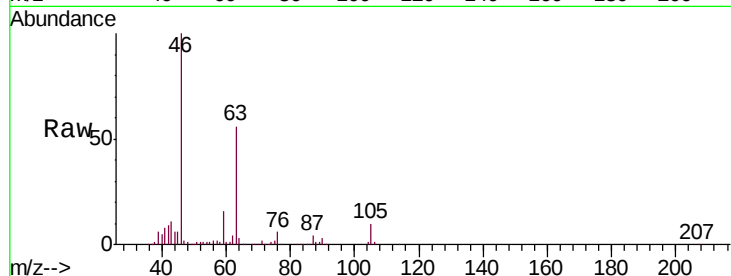
Ion Ratio Lower Upper

43 100

58 15.6 40.2 60.2#

57 16.7 14.2 21.4

100 0.0 8.4 12.6#



#59

1,2,3-Trichloropropane

Concen: 5.823 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032792.D

Acq: 17 Jun 2019 18:58

Tgt Ion: 75 Resp: 13460

Ion Ratio Lower Upper

75 100

77 37.5 25.5 38.3

