

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032360.D
 Acq On : 29 May 2019 15:40
 Operator : JC/SP
 Sample : K3045-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C56

Quant Time: May 30 05:39:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	386771	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	373370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112247	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.68	69	102961	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.27	63	165236	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.19	46	282809	46.16	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	4.64	84	226637	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.31	65	113383	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
32) Benzene-d6	5.33	84	475411	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	139155	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.80%
41) Toluene-d8	7.56	98	412251	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.85	79	48443	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.31	63	211668	42.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115502	3.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	171817	3.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.20%#

Target Compounds

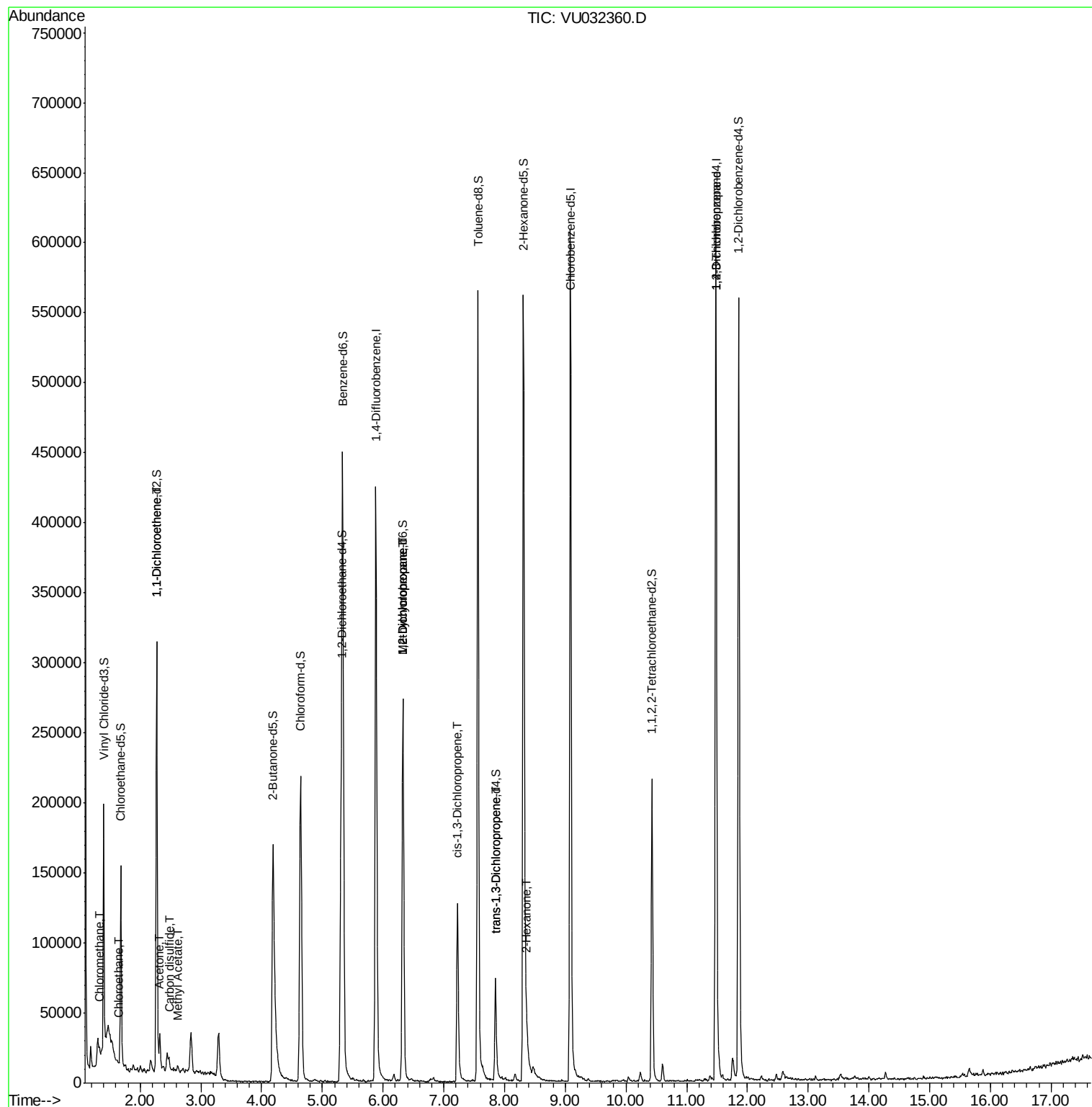
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	5146	0.310	ug/L	88
8) Chloroethane	1.64	64	1963	0.185	ug/L #	58
12) 1,1-Dichloroethene	2.27	96	1615	0.117	ug/L #	1
13) Acetone	2.32	43	24451	12.881	ug/L	100
14) Carbon disulfide	2.48	76	8922	0.209	ug/L #	87
15) Methyl Acetate	2.62	43	4659	0.836	ug/L #	56
35) Methylcyclohexane	6.32	83	34746	1.740	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14548	1.196	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2837	0.164	ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1865	0.137	ug/L	90
48) 2-Hexanone	8.37	43	10429	2.212	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	19412	2.451	ug/L	96

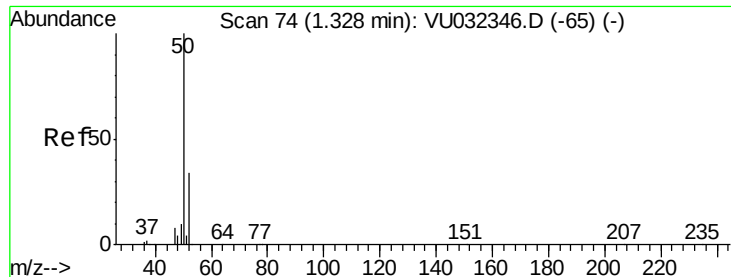
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.310 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU032360.D

Acq: 29 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

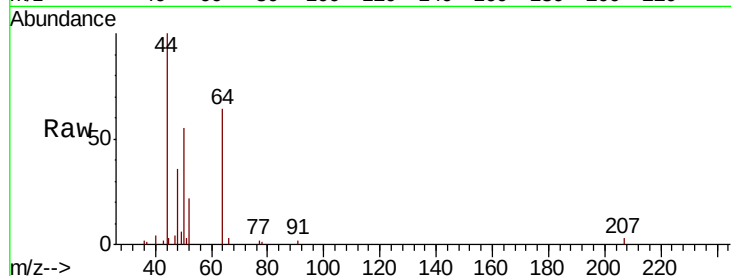
C0C56

Tgt Ion: 50 Resp: 5146

Ion Ratio Lower Upper

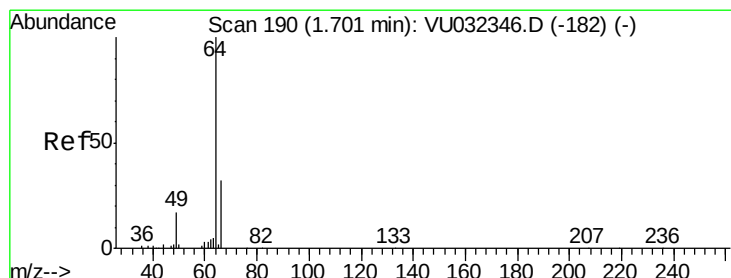
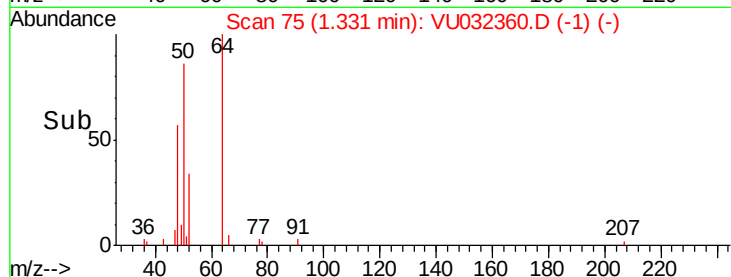
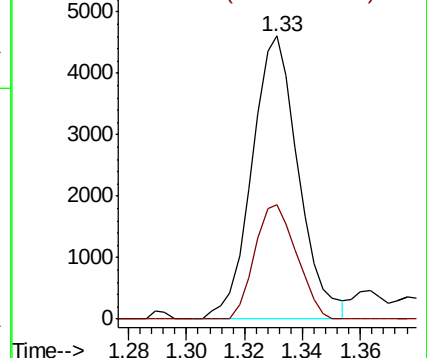
50 100

52 40.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032346.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032346.D (-65) (-)



#8

Chloroethane

Concen: 0.185 ug/L

RT: 1.64 min Scan# 172

Delta R.T. -0.06 min

Lab File: VU032360.D

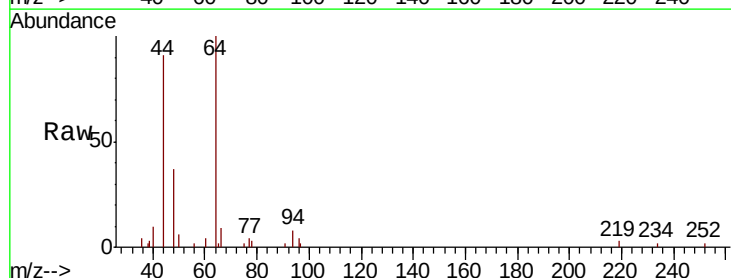
Acq: 29 May 2019 15:40

Tgt Ion: 64 Resp: 1963

Ion Ratio Lower Upper

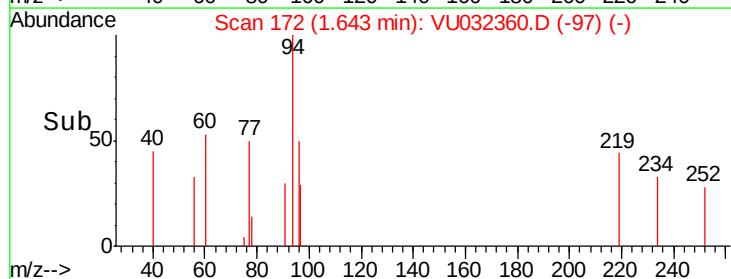
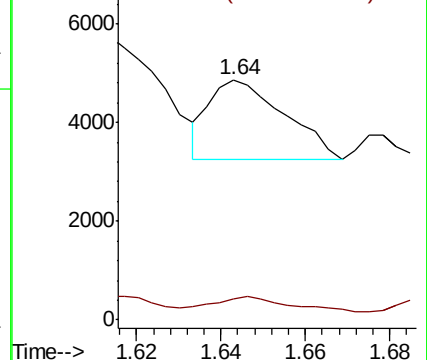
64 100

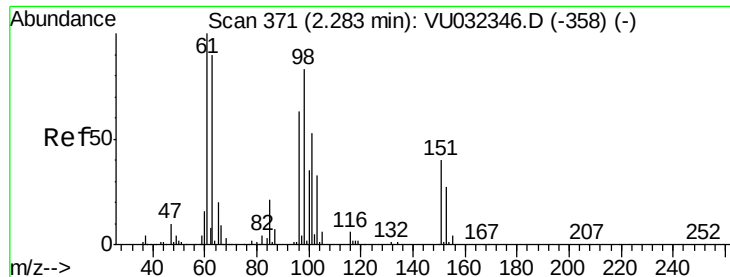
66 9.0 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032346.D (-182) (-)

Ion 66.05 (65.75 to 66.75): VU032346.D (-182) (-)





#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032360.D

Acq: 29 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

C0C56

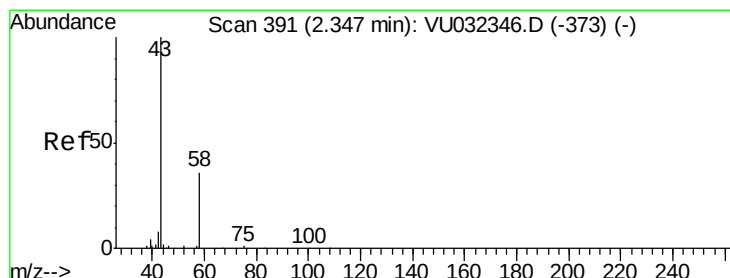
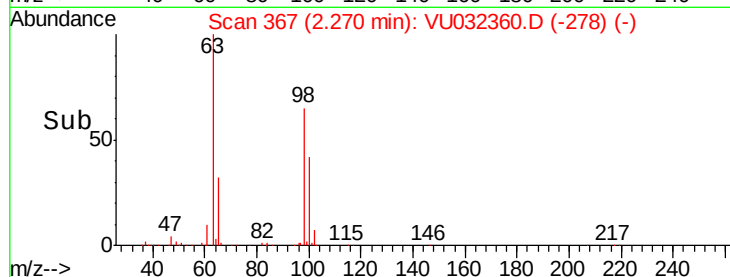
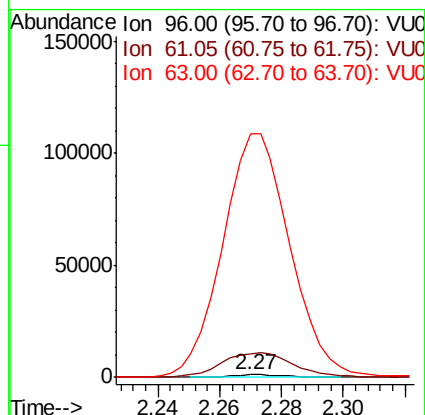
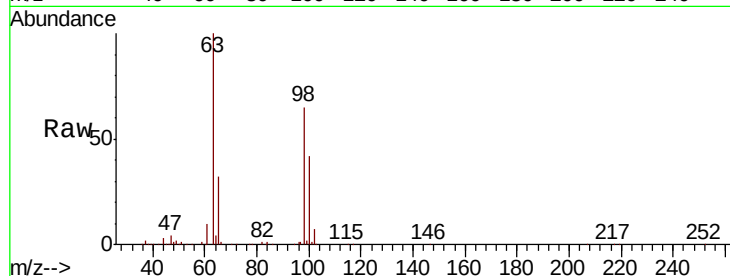
Tgt Ion: 96 Resp: 1615

Ion Ratio Lower Upper

96 100

61 903.5 113.8 211.3#

63 9145.7 108.8 202.2#



#13

Acetone

Concen: 12.881 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU032360.D

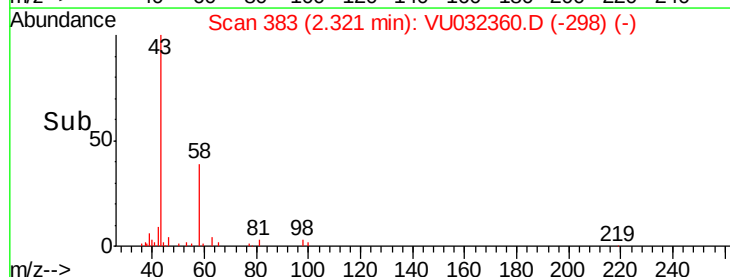
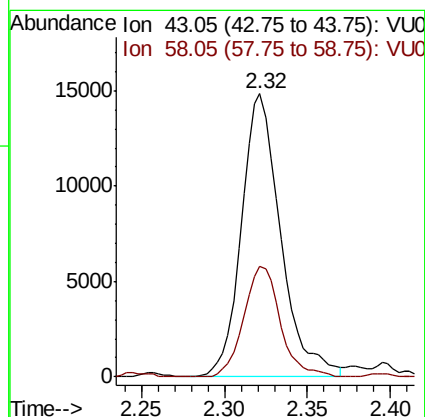
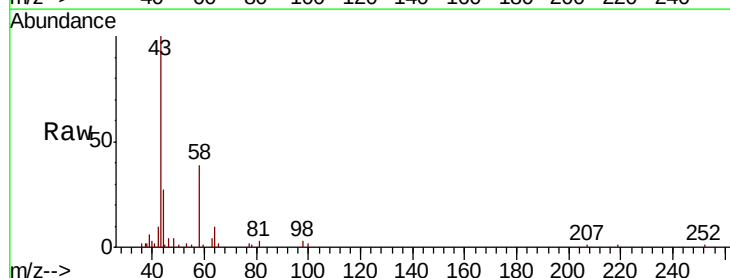
Acq: 29 May 2019 15:40

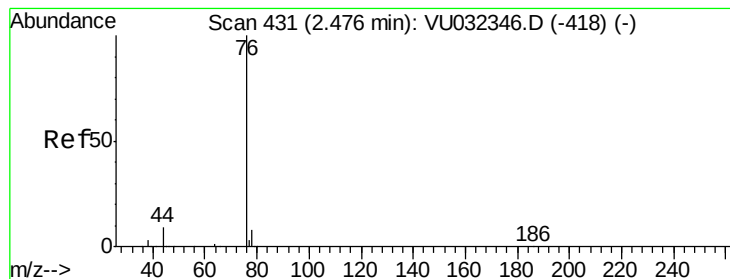
Tgt Ion: 43 Resp: 24451

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.6





#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU032360.D

Acq: 29 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

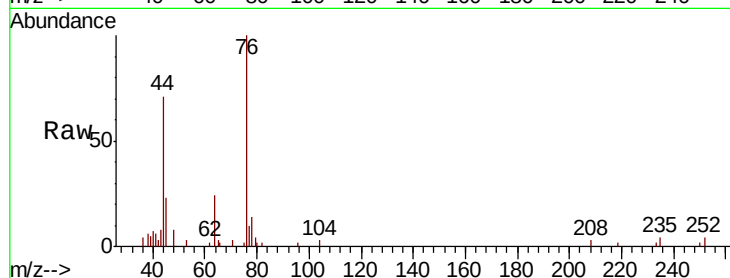
C0C56

Tgt Ion: 76 Resp: 8922

Ion Ratio Lower Upper

76 100

78 14.2 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VU032360.D (-338) (-)

Ion 78.00 (77.70 to 78.70): VU032360.D (-338) (-)

2.48

6000

5000

4000

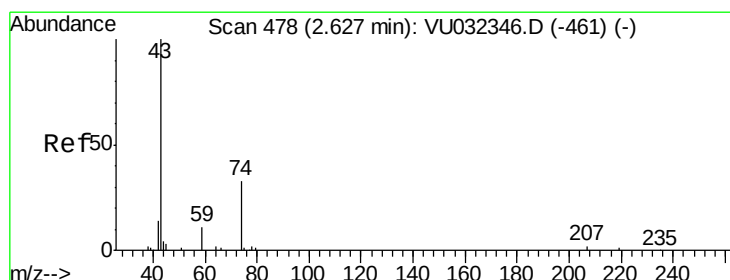
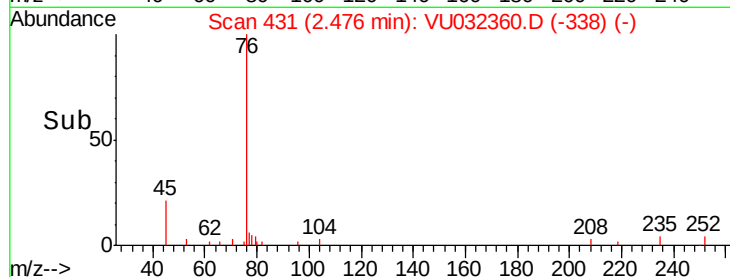
3000

2000

1000

0

Time--> 2.40 2.45 2.50 2.55



#15

Methyl Acetate

Concen: 0.836 ug/L

RT: 2.62 min Scan# 475

Delta R.T. -0.01 min

Lab File: VU032360.D

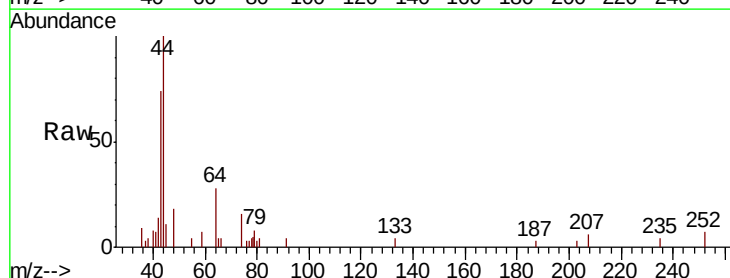
Acq: 29 May 2019 15:40

Tgt Ion: 43 Resp: 4659

Ion Ratio Lower Upper

43 100

74 8.7 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU032360.D (-385) (-)

Ion 74.05 (73.75 to 74.75): VU032360.D (-385) (-)

2.62

3000

2500

2000

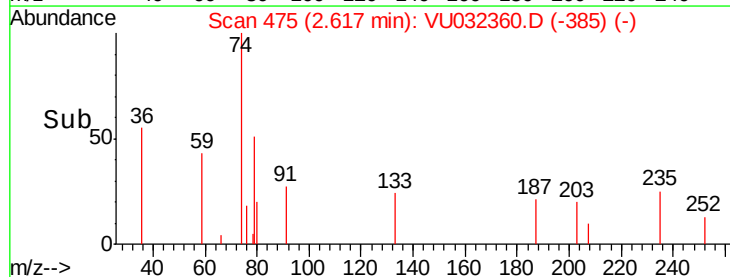
1500

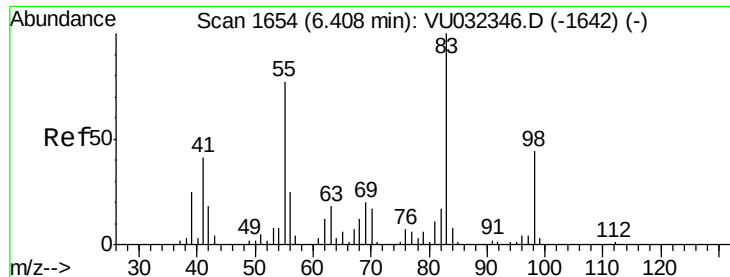
1000

500

0

Time--> 2.55 2.60 2.65

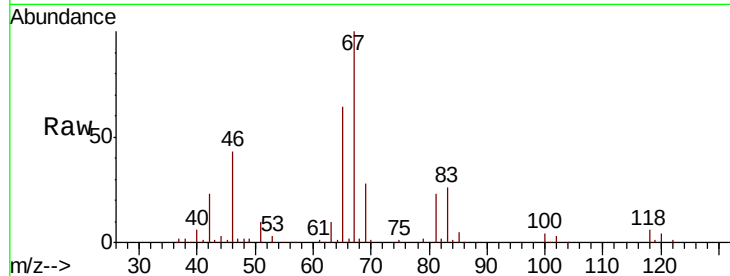




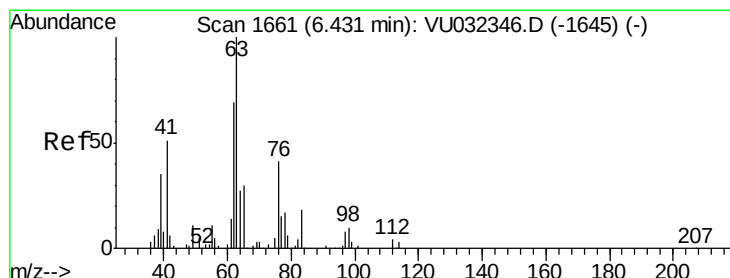
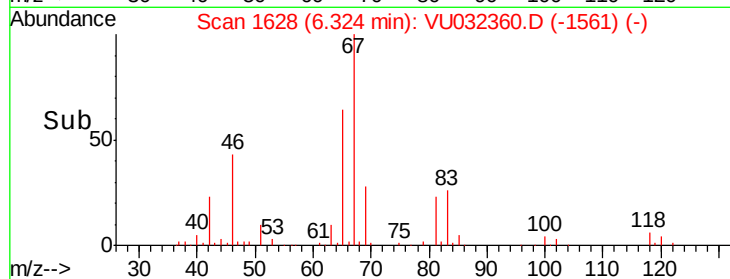
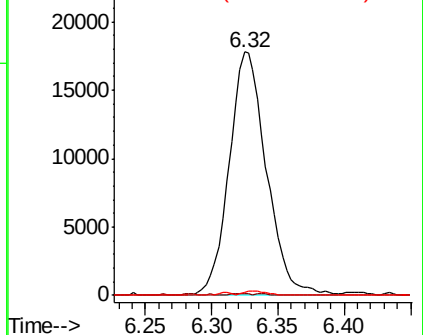
#35
Methylcyclohexane
Concen: 1.740 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032360.D
Acq: 29 May 2019 15:40

Instrument :
MSVOA_U
ClientSampleId :
C0C56

Tgt Ion: 83 Resp: 34746
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 1.1 37.5 56.3#

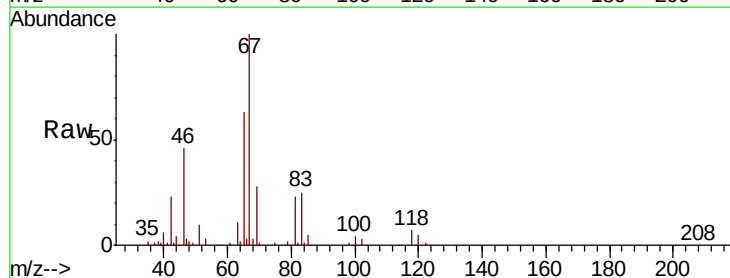


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

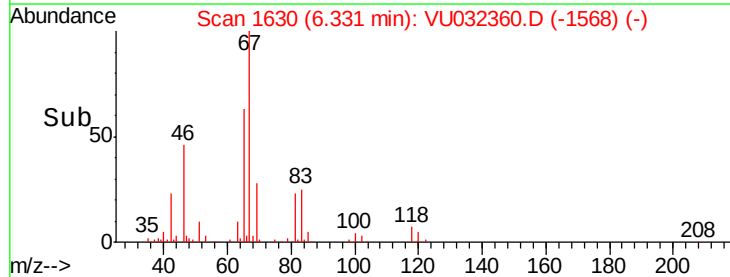
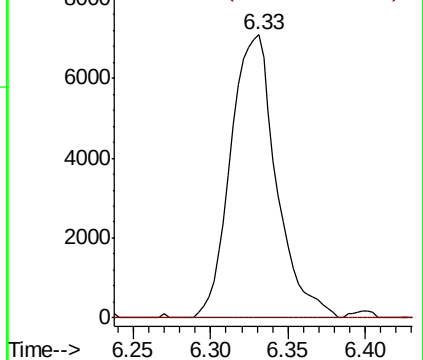


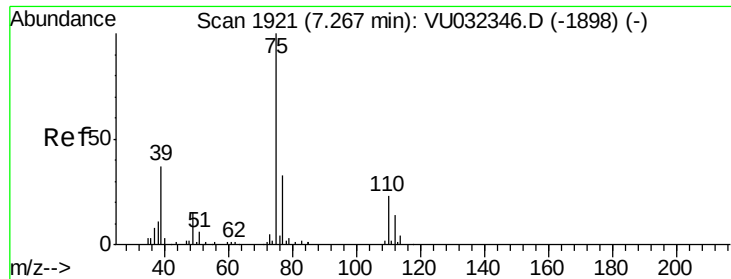
#37
1,2-Dichloropropane
Concen: 1.196 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU032360.D
Acq: 29 May 2019 15:40

Tgt Ion: 63 Resp: 14548
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.164 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU032360.D

Acq: 29 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

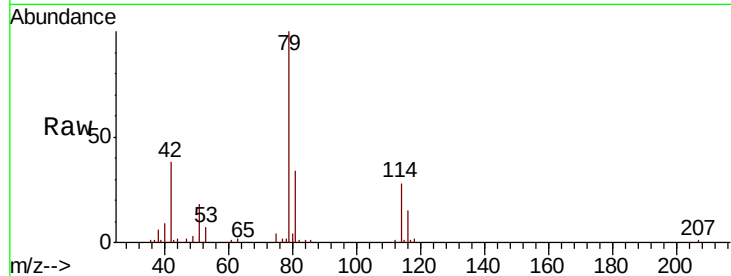
C0C56

Tgt Ion: 75 Resp: 2837

Ion Ratio Lower Upper

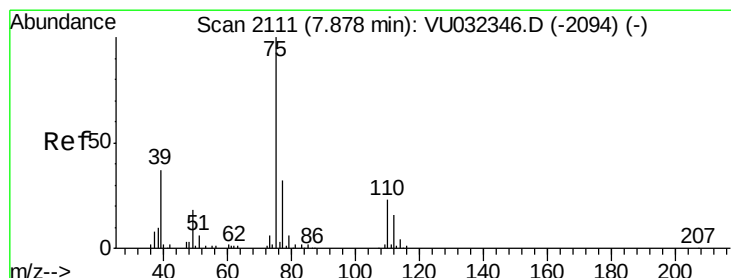
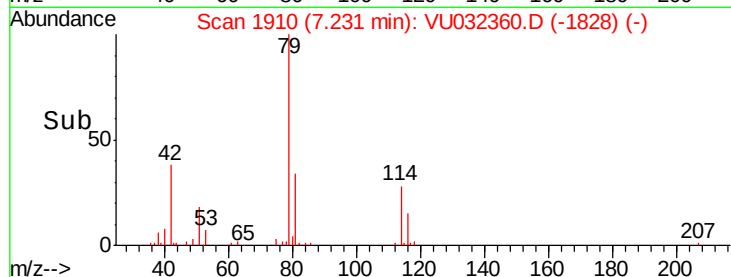
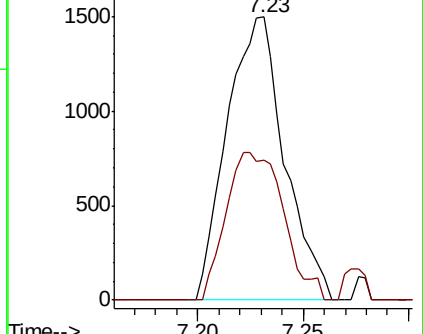
75 100

77 49.2 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.137 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032360.D

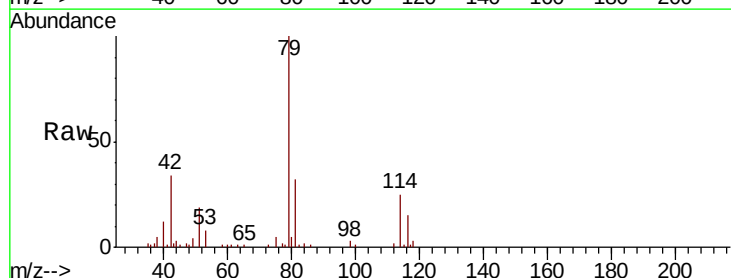
Acq: 29 May 2019 15:40

Tgt Ion: 75 Resp: 1865

Ion Ratio Lower Upper

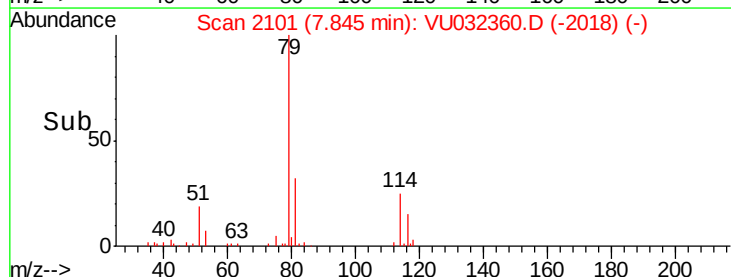
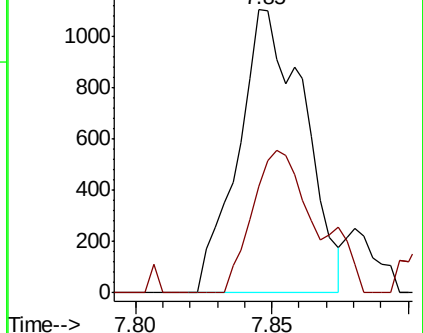
75 100

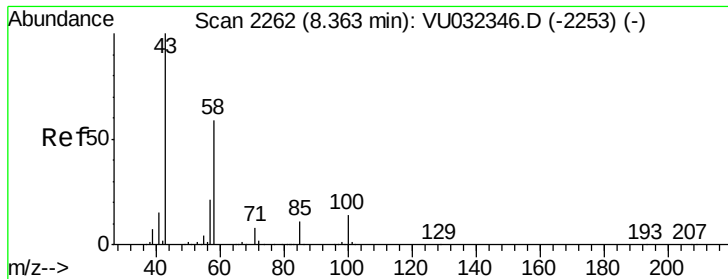
77 37.9 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

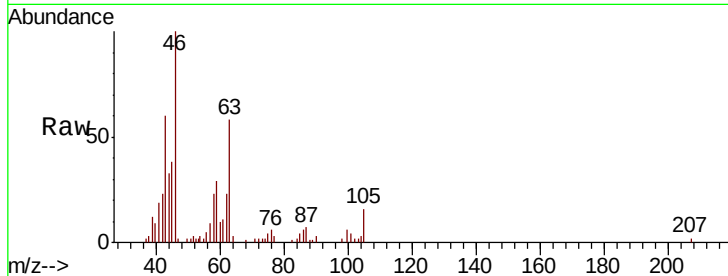




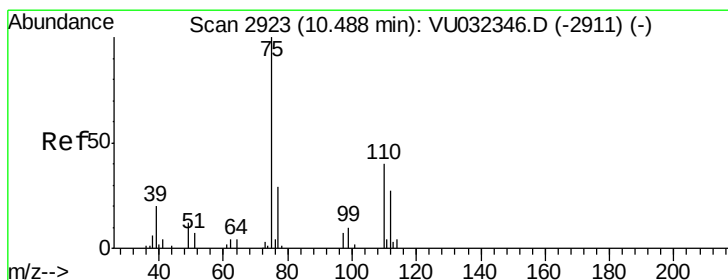
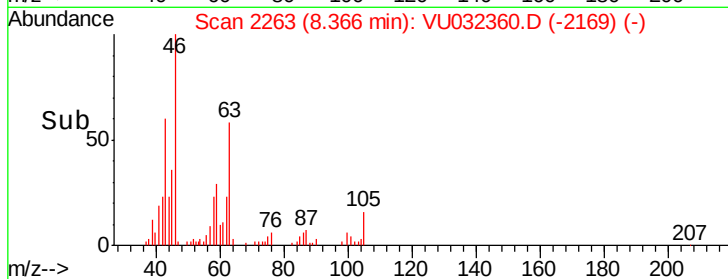
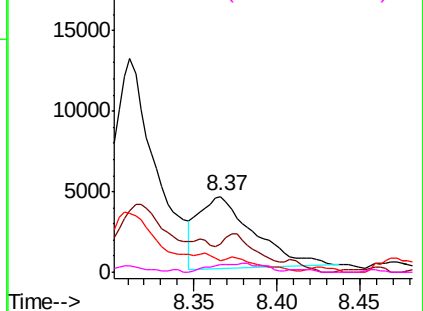
#48
 2-Hexanone
 Concen: 2.212 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032360.D
 Acq: 29 May 2019 15:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C56

Tgt Ion: 43 Resp: 10429
 Ion Ratio Lower Upper
 43 100
 58 19.4 49.7 74.5#
 57 13.1 17.1 25.7#
 100 11.7 11.6 17.4

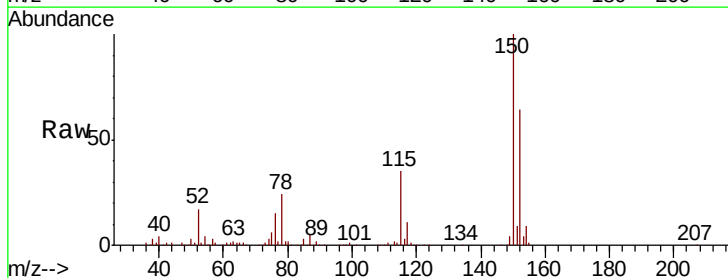


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 2.451 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032360.D
 Acq: 29 May 2019 15:40

Tgt Ion: 75 Resp: 19412
 Ion Ratio Lower Upper
 75 100
 77 37.4 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

