

Data File : VU029509.D
Acq On : 15 Feb 2019 20:30
Operator : JC/SP
Sample : K1494-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL4

Quant Time: Feb 16 00:18:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	180906	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	175989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57972	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	54820	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.27	63	101807	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.19	46	132550	52.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	4.65	84	94648	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.31	65	55189	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.34	84	219706	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.33	67	67141	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.56	98	222558	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	7.85	79	27539	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.31	63	140522	54.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56099	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	99262	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

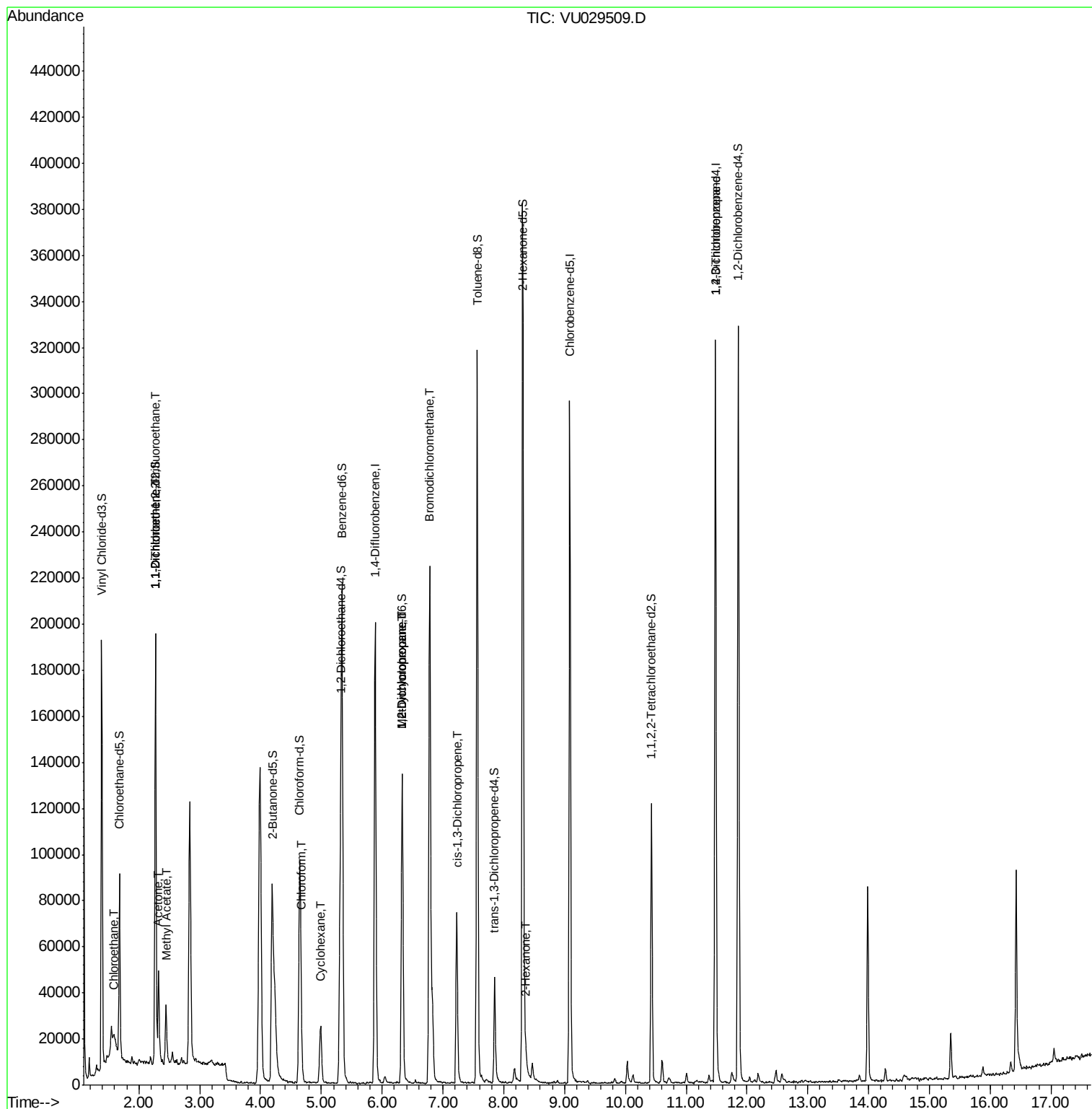
					Qvalue	
8) Chloroethane	1.59	64	19020	1.677	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1168	0.074	ug/L #	22
12) 1,1-Dichloroethene	2.28	96	1162	0.078	ug/L #	1
13) Acetone	2.32	43	38310	16.687	ug/L	95
15) Methyl Acetate	2.45	43	6342	1.078	ug/L #	47
25) Chloroform	4.68	83	9672	0.404	ug/L	84
30) Cyclohexane	4.98	56	13442	0.644	ug/L	97
35) Methylcyclohexane	6.33	83	15863	0.647	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7181	0.553	ug/L #	87
38) Bromodichloromethane	6.78	83	1983	0.116	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	2120	0.104	ug/L #	66
48) 2-Hexanone	8.37	43	2873	0.527	ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	9939	1.194	ug/L	97

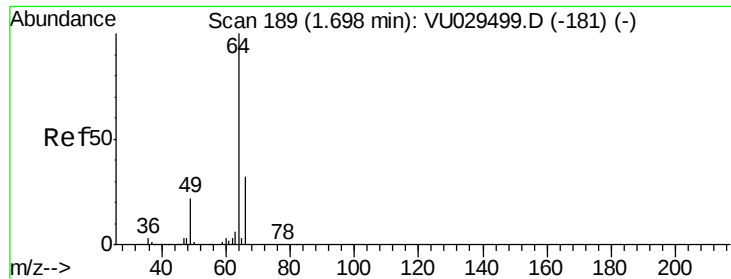
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029509.D
Acq On : 15 Feb 2019 20:30
Operator : JC/SP
Sample : K1494-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL4

Quant Time: Feb 16 00:18:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.677 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.11 min

Lab File: VU029509.D

Acq: 15 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

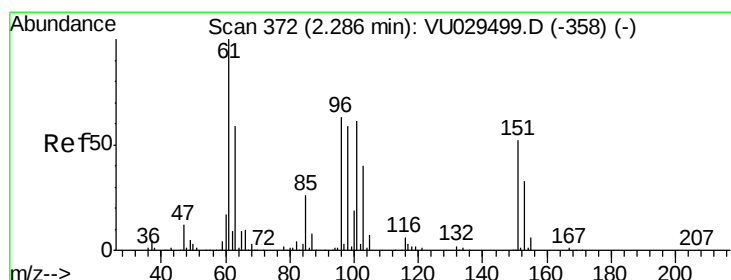
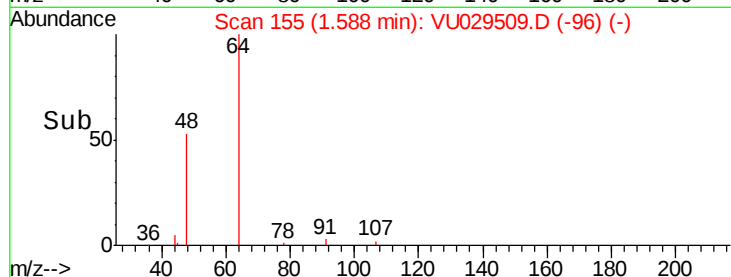
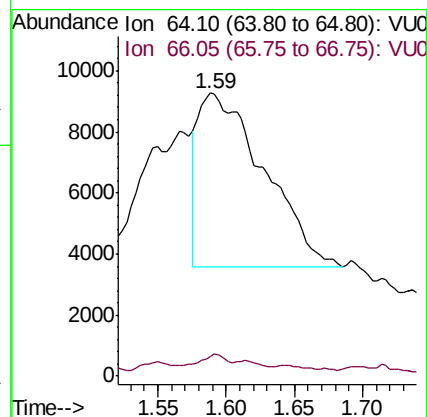
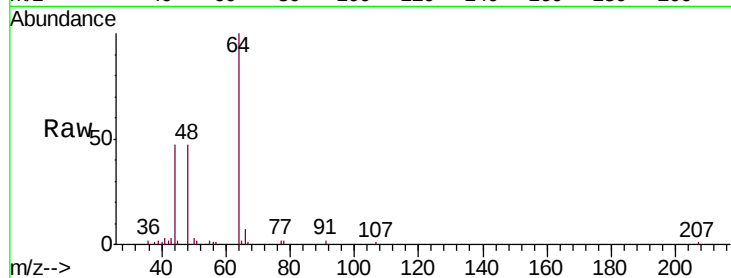
C0AL4

Tgt Ion: 64 Resp: 19020

Ion Ratio Lower Upper

64 100

66 7.0 22.0 40.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.074 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029509.D

Acq: 15 Feb 2019 20:30

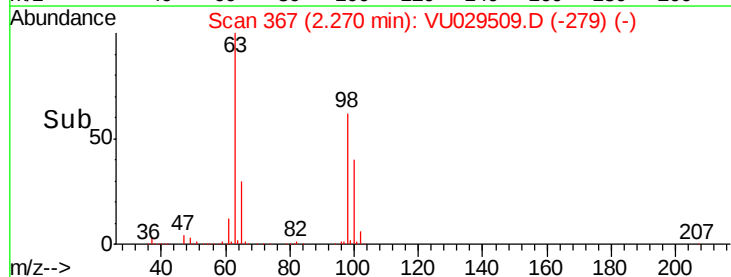
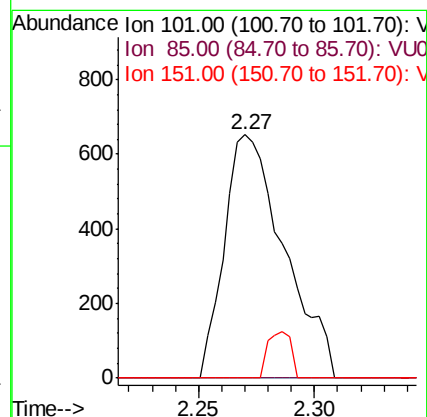
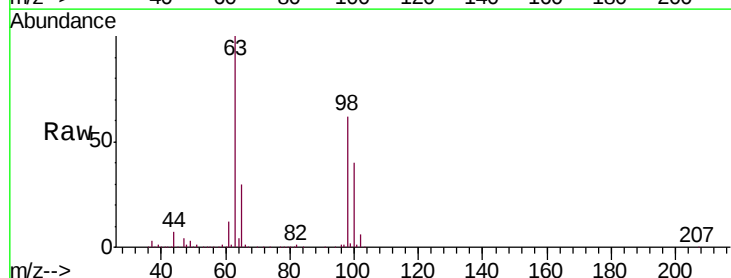
Tgt Ion: 101 Resp: 1168

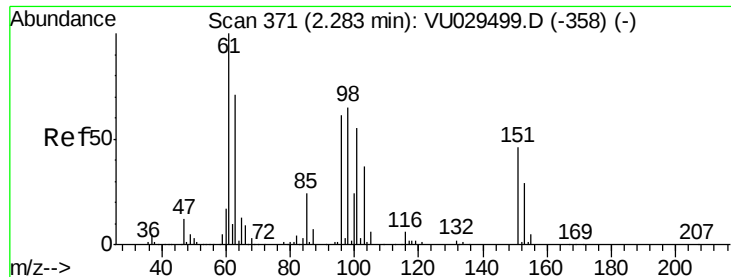
Ion Ratio Lower Upper

101 100

85 1.8 35.1 52.7#

151 7.4 67.0 100.6#

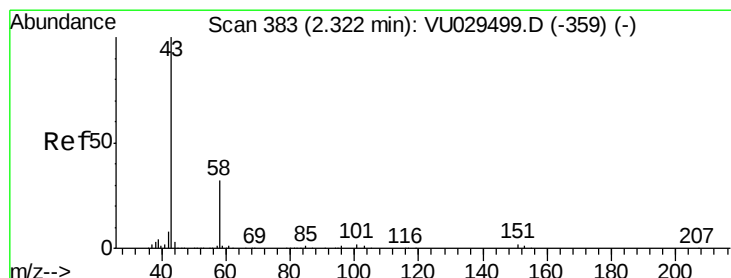
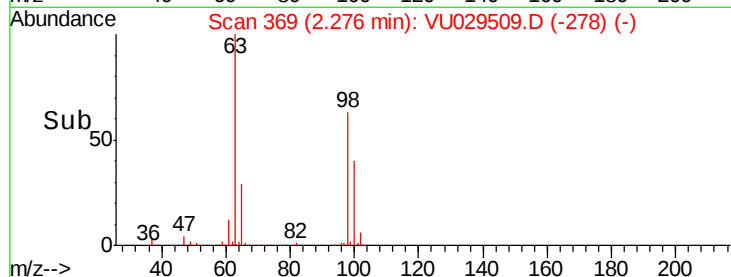
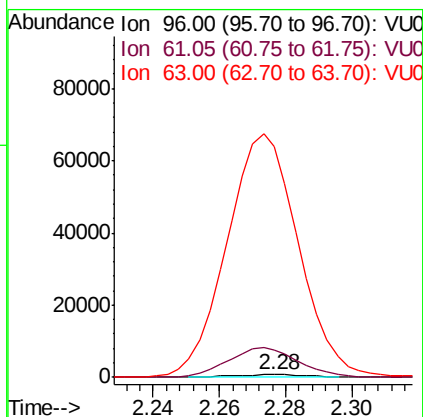
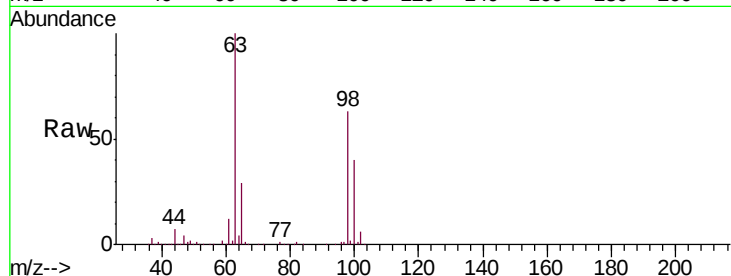




#12
 1,1-Dichloroethene
 Concen: 0.078 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU029509.D
 Acq: 15 Feb 2019 20:30

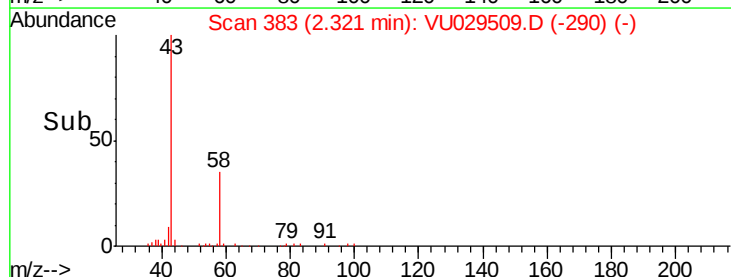
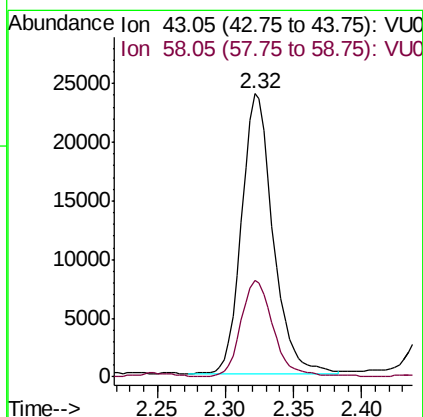
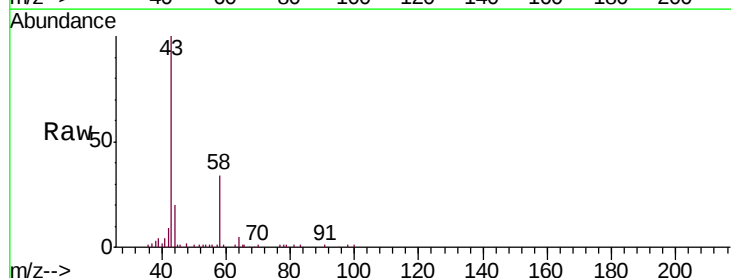
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL4

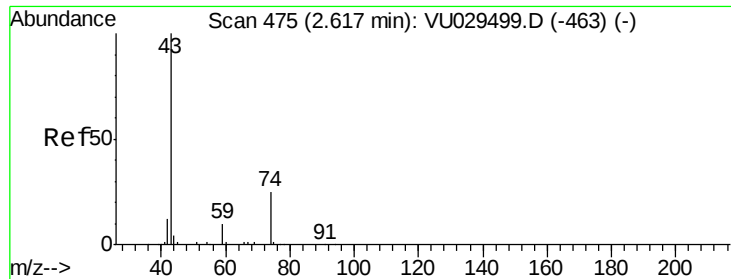
Tgt Ion: 96 Resp: 1162
 Ion Ratio Lower Upper
 96 100
 61 1058.4 115.1 213.7#
 63 8873.4 83.5 155.1#



#13
 Acetone
 Concen: 16.687 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VU029509.D
 Acq: 15 Feb 2019 20:30

Tgt Ion: 43 Resp: 38310
 Ion Ratio Lower Upper
 43 100
 58 35.4 0.0 65.0

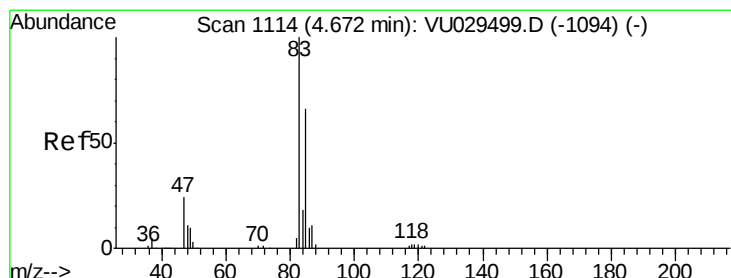
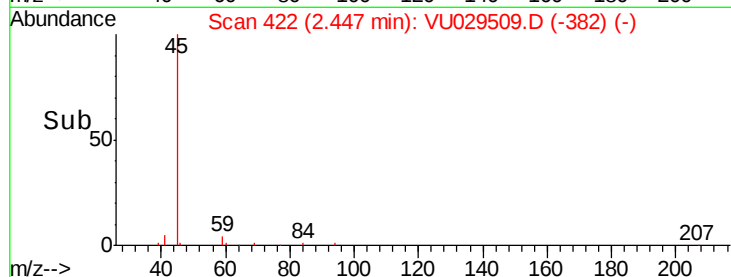
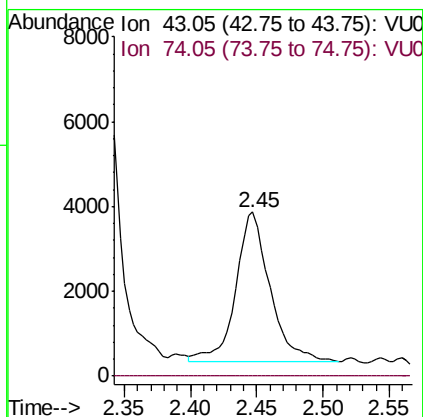
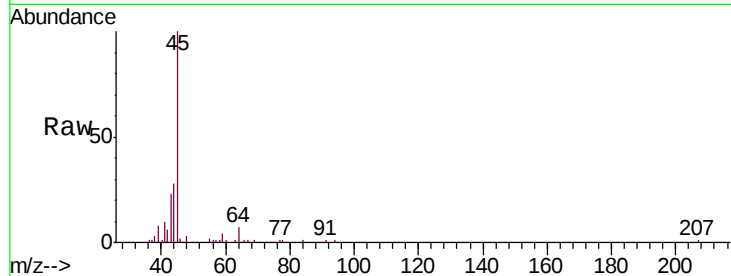




#15
Methyl Acetate
Concen: 1.078 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.17 min
Lab File: VU029509.D
Acq: 15 Feb 2019 20:30

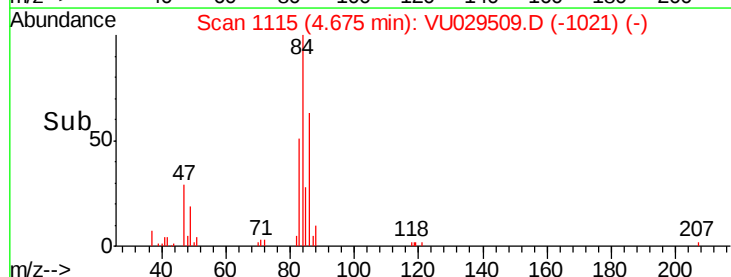
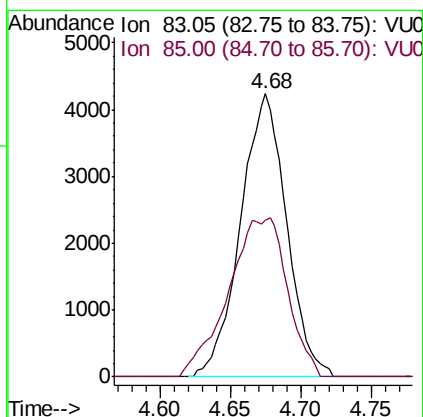
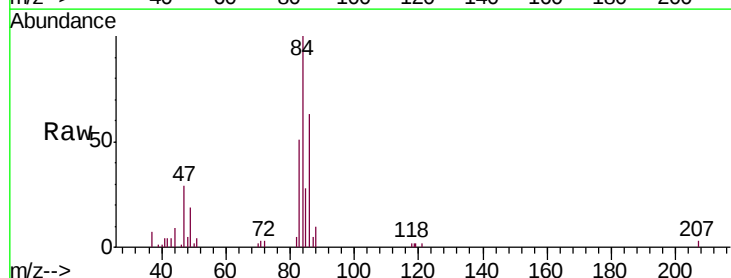
Instrument :
MSVOA_U
ClientSampleId :
C0AL4

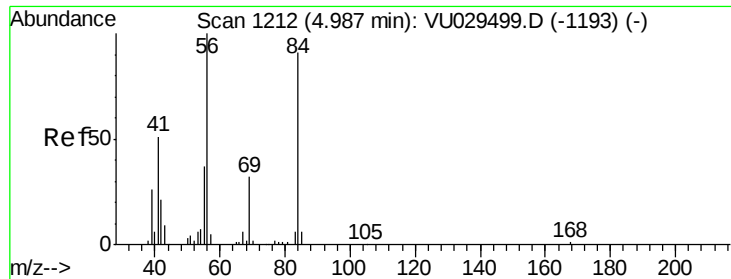
Tgt Ion: 43 Resp: 6342
Ion Ratio Lower Upper
43 100
74 0.0 22.3 33.5#



#25
Chloroform
Concen: 0.404 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VU029509.D
Acq: 15 Feb 2019 20:30

Tgt Ion: 83 Resp: 9672
Ion Ratio Lower Upper
83 100
85 55.2 47.8 88.8

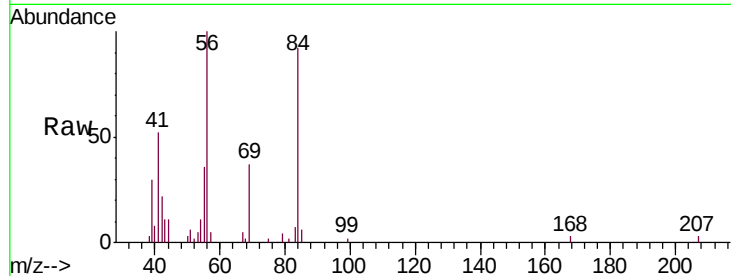




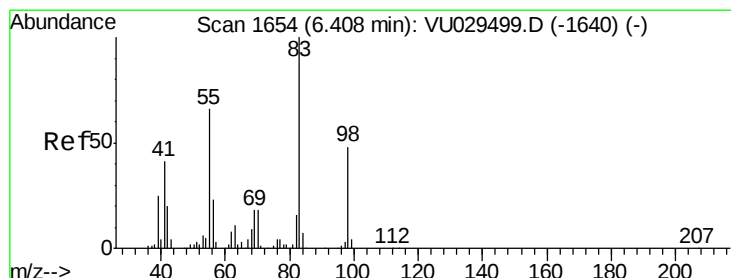
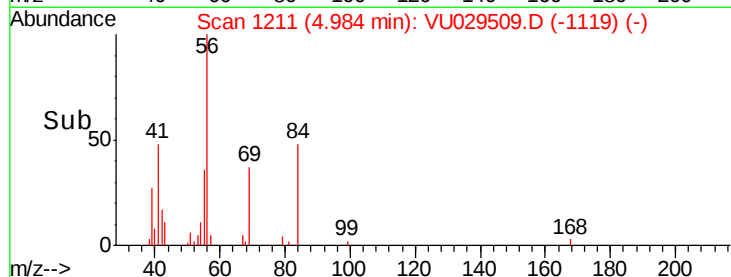
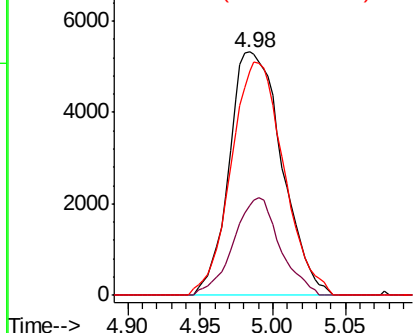
#30
Cyclohexane
Concen: 0.644 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029509.D
Acq: 15 Feb 2019 20:30

Instrument :
MSVOA_U
ClientSampleId :
C0AL4

Tgt Ion: 56 Resp: 13442
Ion Ratio Lower Upper
56 100
69 35.4 25.8 38.6
84 95.4 75.0 112.6

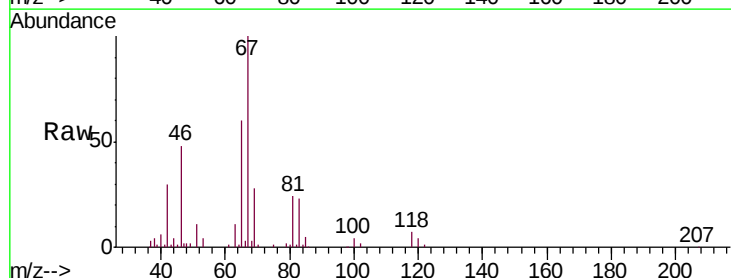


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

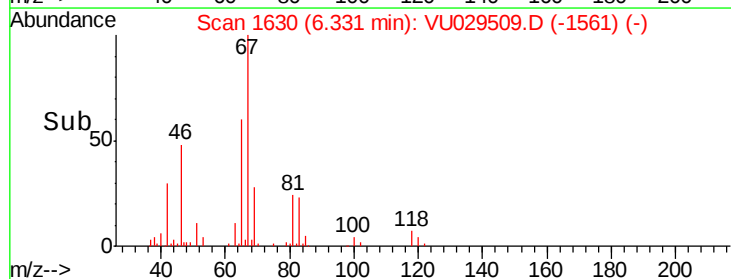
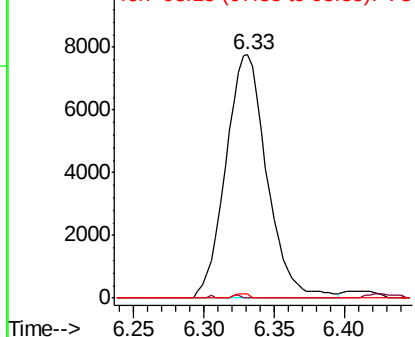


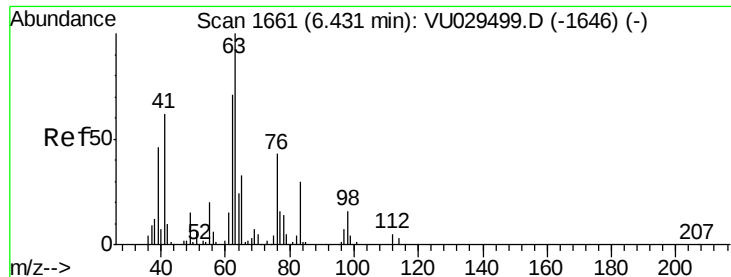
#35
Methylcyclohexane
Concen: 0.647 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029509.D
Acq: 15 Feb 2019 20:30

Tgt Ion: 83 Resp: 15863
Ion Ratio Lower Upper
83 100
55 0.3 55.9 83.9#
98 0.6 38.6 57.8#



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

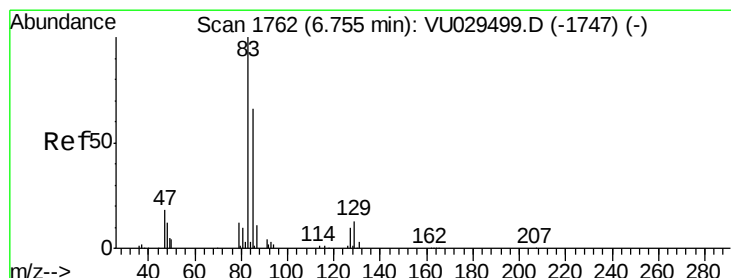
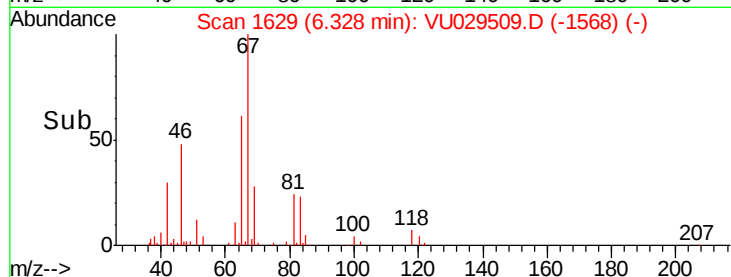
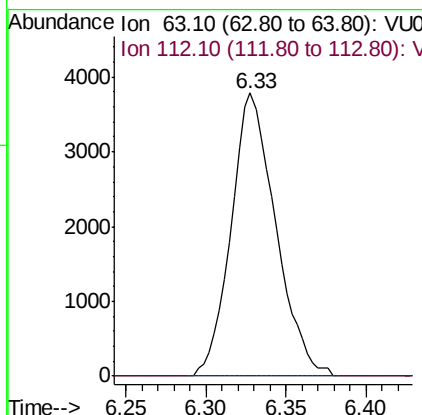
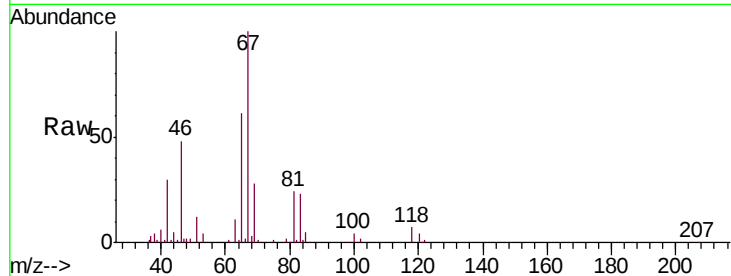




#37
 1,2-Dichloropropane
 Concen: 0.553 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029509.D
 Acq: 15 Feb 2019 20:30

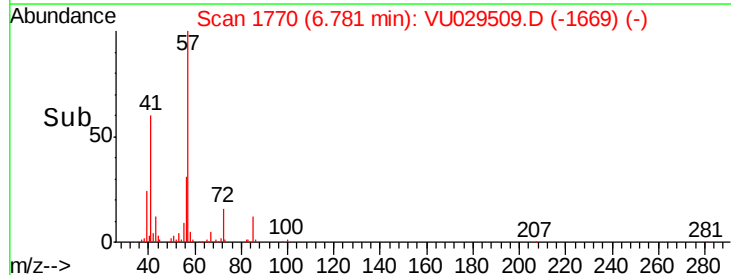
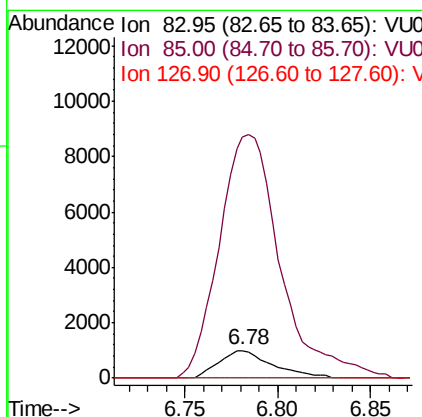
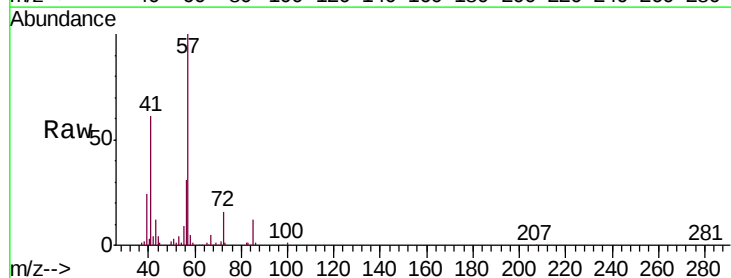
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL4

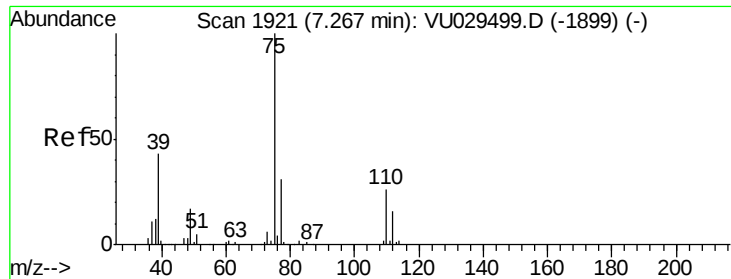
Tgt Ion: 63 Resp: 7181
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#38
 Bromodichloromethane
 Concen: 0.116 ug/L
 RT: 6.78 min Scan# 1770
 Delta R.T. 0.03 min
 Lab File: VU029509.D
 Acq: 15 Feb 2019 20:30

Tgt Ion: 83 Resp: 1983
 Ion Ratio Lower Upper
 83 100
 85 868.7 45.1 83.7#
 127 0.0 7.8 11.8#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029509.D

Acq: 15 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

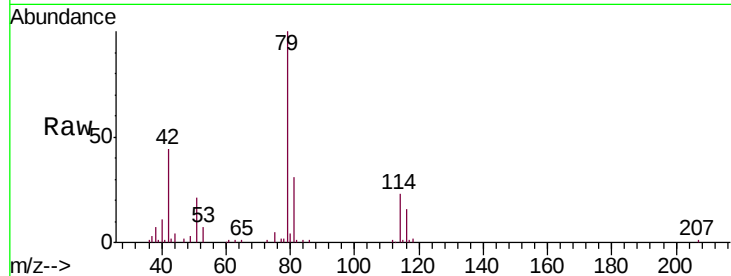
C0AL4

Tgt Ion: 75 Resp: 2120

Ion Ratio Lower Upper

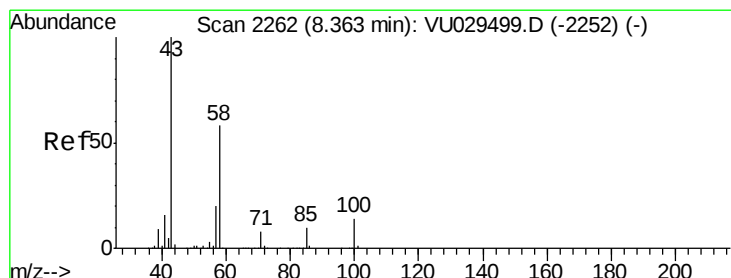
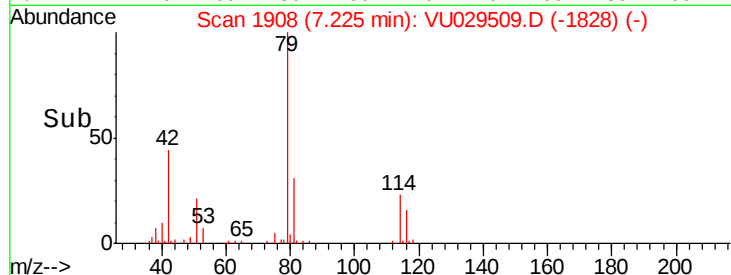
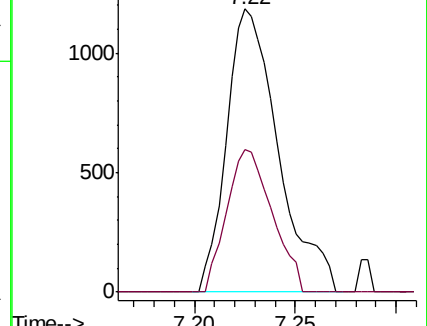
75 100

77 50.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 0.527 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU029509.D

Acq: 15 Feb 2019 20:30

Tgt Ion: 43 Resp: 2873

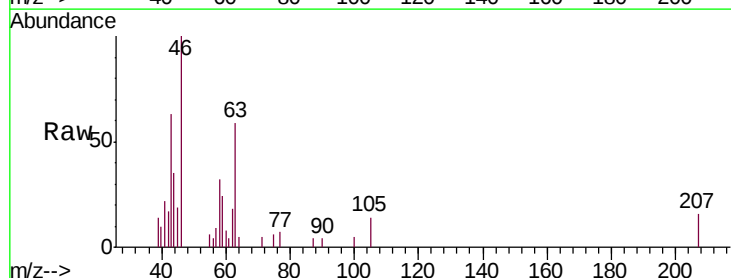
Ion Ratio Lower Upper

43 100

58 72.7 45.7 68.5#

57 18.3 16.4 24.6

100 4.2 11.1 16.7#

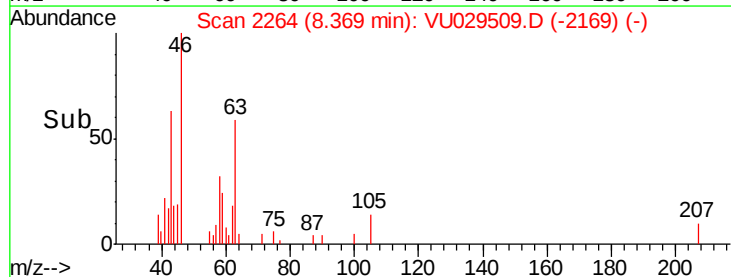
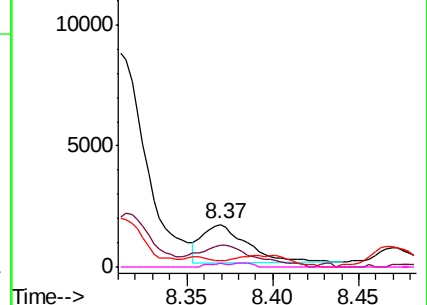


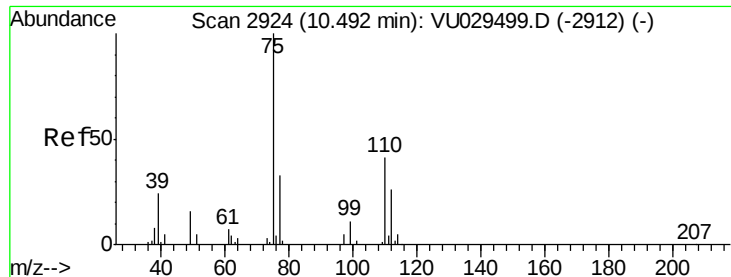
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 1.194 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029509.D

Acq: 15 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

C0AL4

Tgt Ion: 75 Resp: 9939

Ion Ratio Lower Upper

75 100

77 33.5 28.2 42.2

