

Data File : VU029506.D
Acq On : 15 Feb 2019 19:19
Operator : JC/SP
Sample : K1438-17DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXD9DL

Quant Time: Feb 16 00:18:01 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	197110	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60759	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.68	69	60867	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.27	63	100672	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.20	46	133532	48.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.00%
24) Chloroform-d	4.65	84	100837	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	54635	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.34	84	221077	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	66347	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.56	98	223728	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	25806	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.31	63	139485	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56441	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	95957	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	116763	6.151	ug/L 99
6) Bromomethane	1.63	94	745	0.067	ug/L 78
8) Chloroethane	1.62	64	39778	3.218	ug/L # 53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1133	0.066	ug/L # 28
12) 1,1-Dichloroethene	2.28	96	1576	0.097	ug/L # 1
13) Acetone	2.33	43	2972	1.188	ug/L 92
16) Methylene chloride	2.70	84	7884	0.432	ug/L 96
18) trans-1,2-Dichloroethene	2.98	96	2195	0.127	ug/L 75
22) cis-1,2-Dichloroethene	4.22	96	111357	6.999	ug/L 98
25) Chloroform	4.68	83	4108	0.158	ug/L 91
34) Trichloroethene	6.19	95	1095	0.069	ug/L 79
35) Methylcyclohexane	6.33	83	15638	0.589	ug/L # 21
37) 1,2-Dichloropropane	6.33	63	7347	0.522	ug/L # 87
48) 2-Hexanone	8.36	43	1545	0.262	ug/L # 78
59) 1,2,3-Trichloropropane	11.48	75	10103	1.120	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

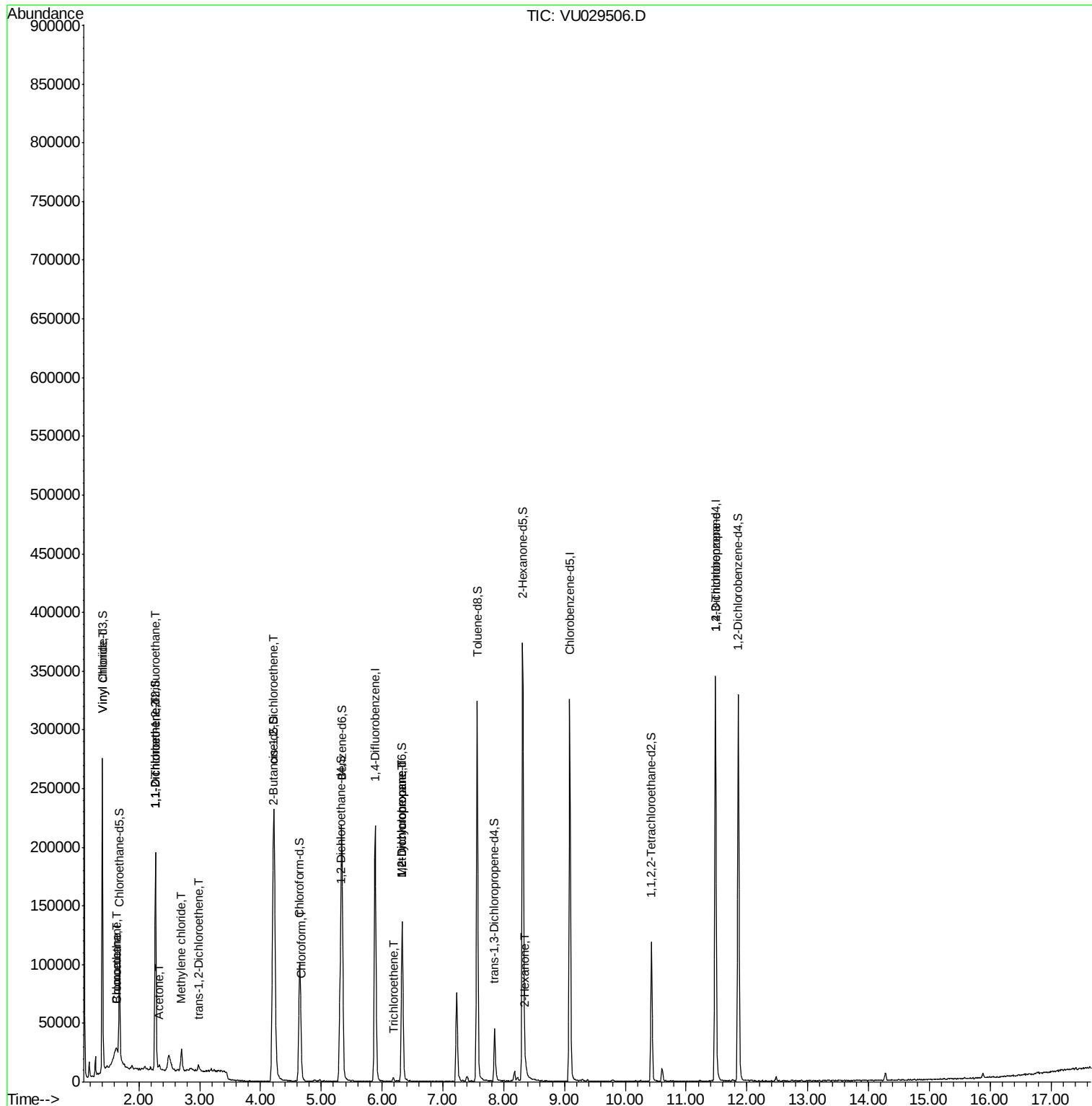
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

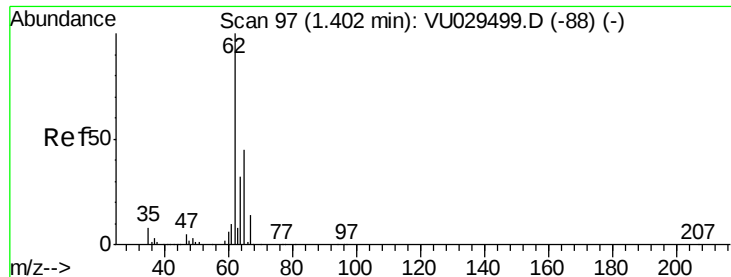
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#5

Vinyl chloride

Concen: 6.151 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029506.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_U

ClientSampleId :

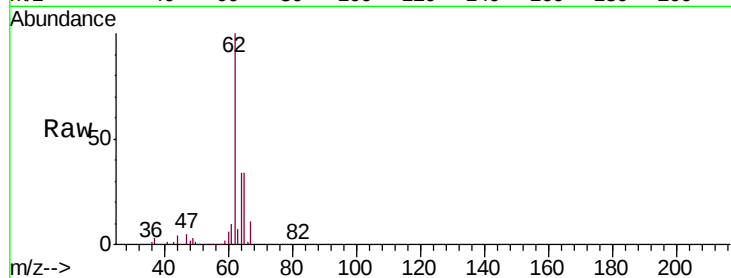
ESXD9DL

Tgt Ion: 62 Resp: 116763

Ion Ratio Lower Upper

62 100

64 34.1 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

120000

100000

80000

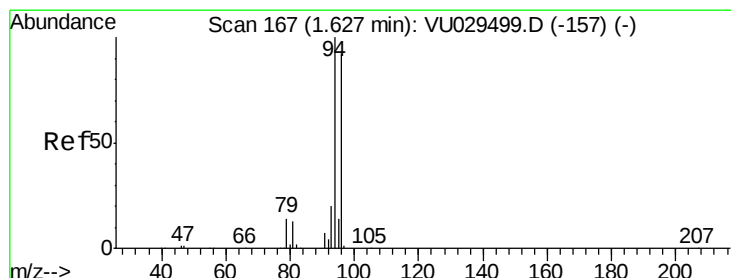
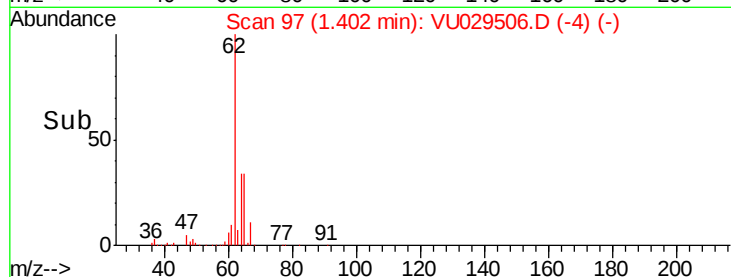
60000

40000

20000

0

Time-->



#6

Bromomethane

Concen: 0.067 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU029506.D

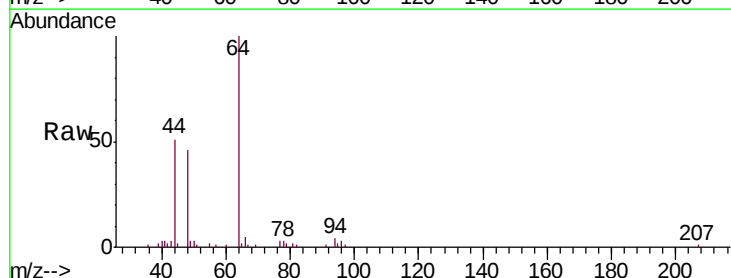
Acq: 15 Feb 2019 19:19

Tgt Ion: 94 Resp: 745

Ion Ratio Lower Upper

94 100

96 72.2 65.2 121.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

500

400

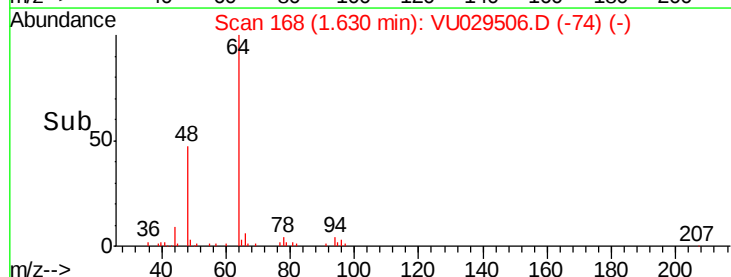
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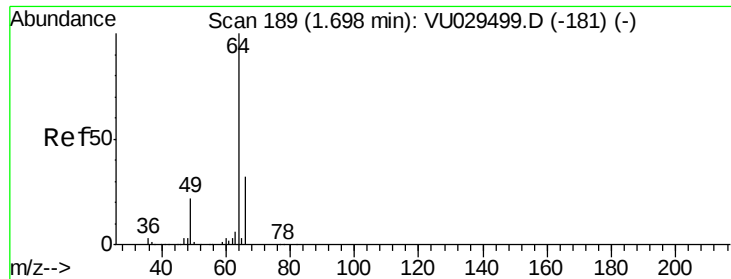
200

100

0

Time-->





#8

Chloroethane

Concen: 3.218 ug/L

RT: 1.62 min Scan# 165

Delta R.T. -0.08 min

Lab File: VU029506.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_U

ClientSampleId :

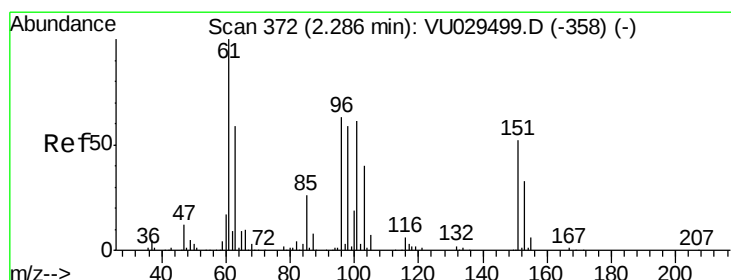
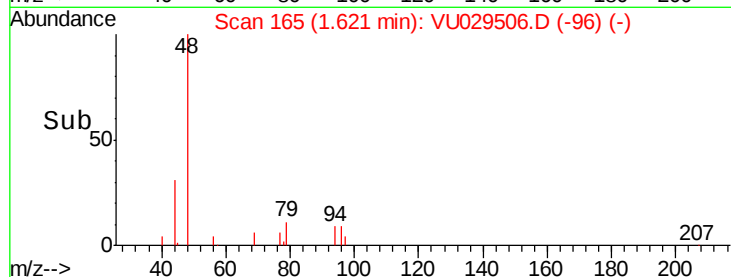
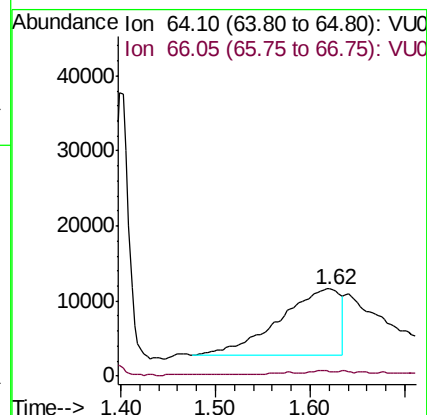
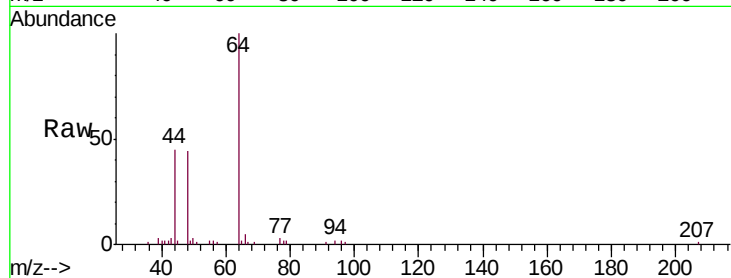
ESXD9DL

Tgt Ion: 64 Resp: 39778

Ion Ratio Lower Upper

64 100

66 5.5 22.0 40.8#



#10

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

Concen: 0.066 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029506.D

Acq: 15 Feb 2019 19:19

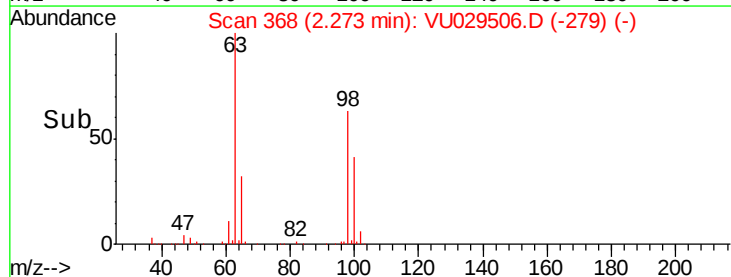
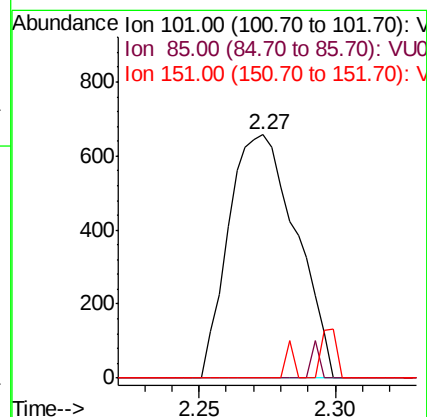
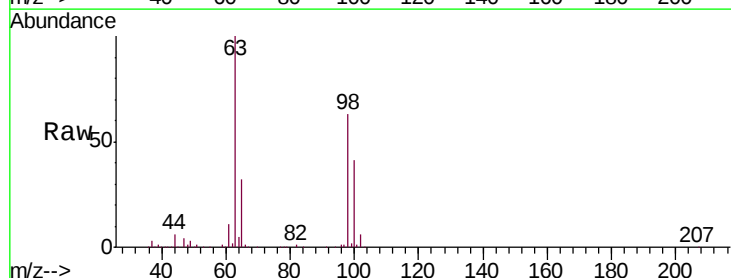
Tgt Ion: 101 Resp: 1133

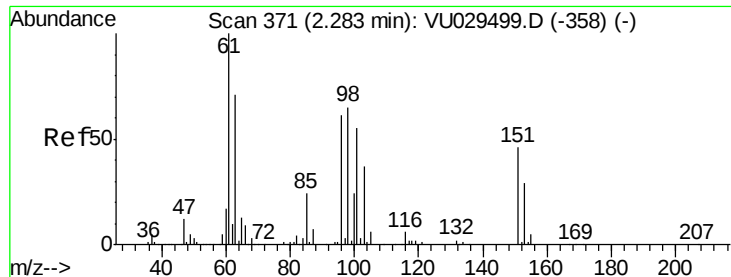
Ion Ratio Lower Upper

101 100

85 19.9 35.1 52.7#

151 1.7 67.0 100.6#

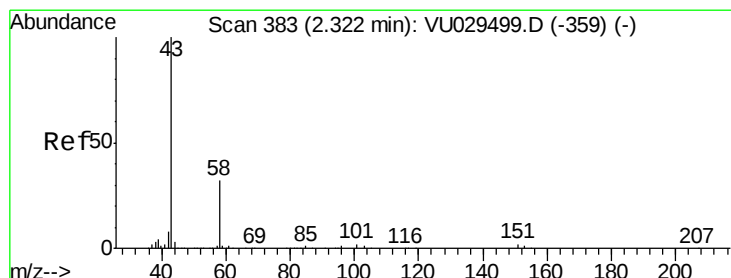
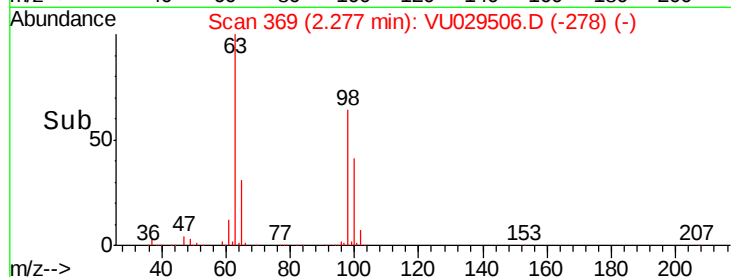
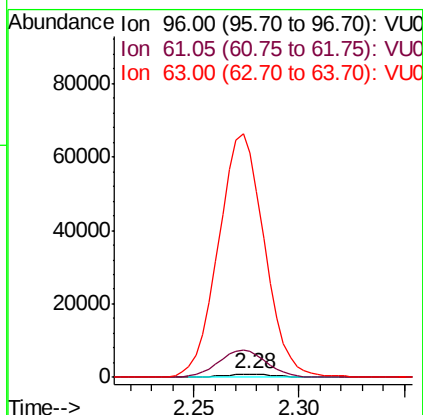
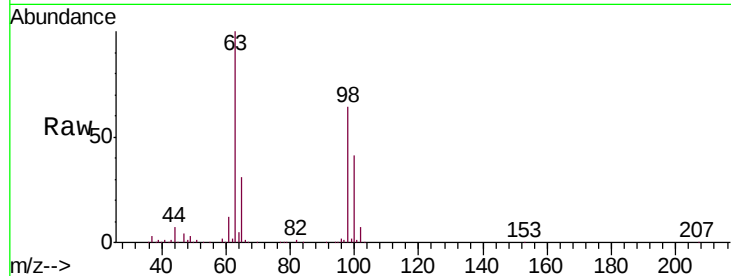




#12
 1,1-Dichloroethene
 Concen: 0.097 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

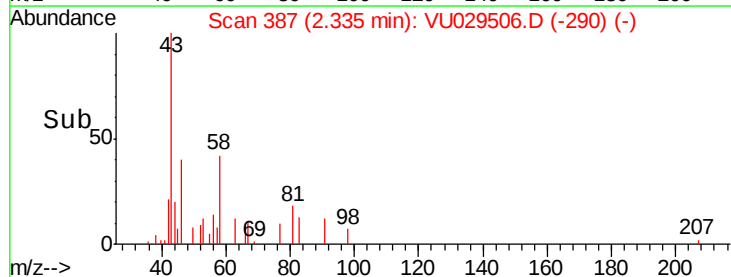
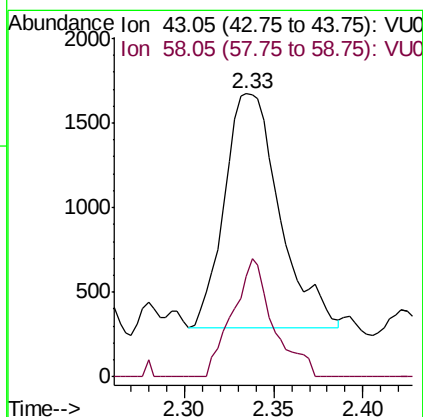
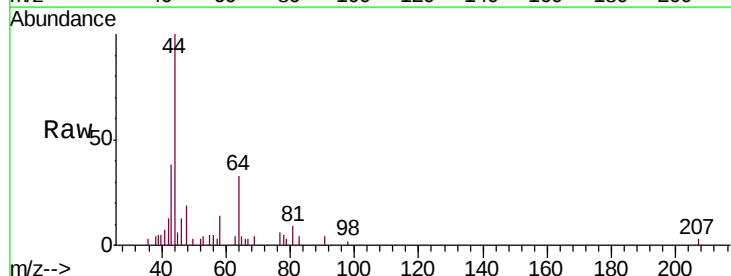
Instrument :
 MSVOA_U
 ClientSampled :
 ESXD9DL

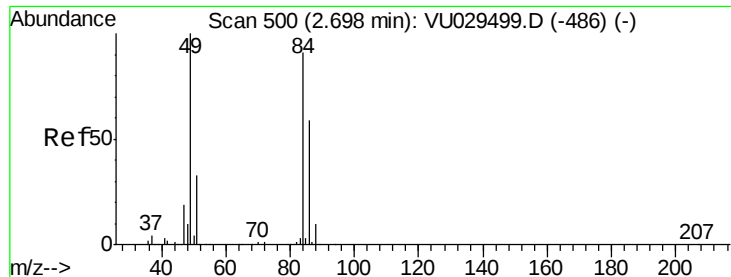
Tgt Ion: 96 Resp: 1576
 Ion Ratio Lower Upper
 96 100
 61 774.8 115.1 213.7#
 63 6619.3 83.5 155.1#



#13
 Acetone
 Concen: 1.188 ug/L
 RT: 2.33 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

Tgt Ion: 43 Resp: 2972
 Ion Ratio Lower Upper
 43 100
 58 37.2 0.0 65.0

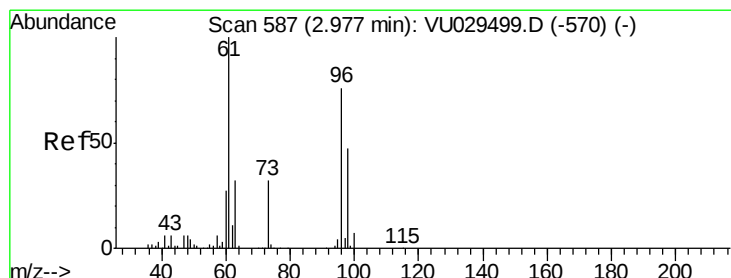
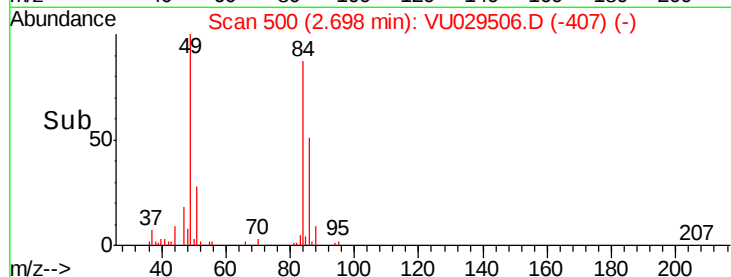
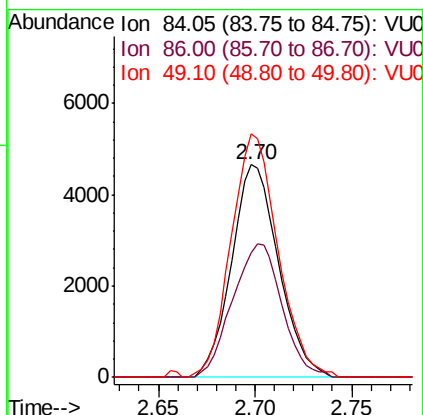
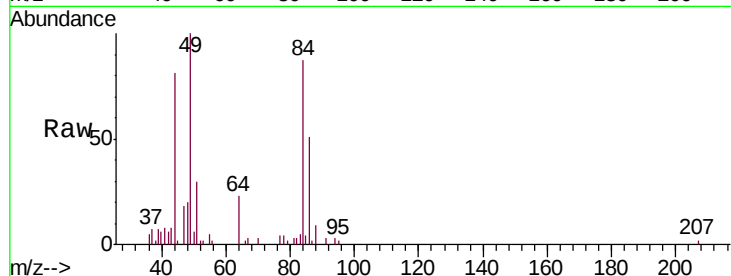




#16
Methylene chloride
Concen: 0.432 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029506.D
Acq: 15 Feb 2019 19:19

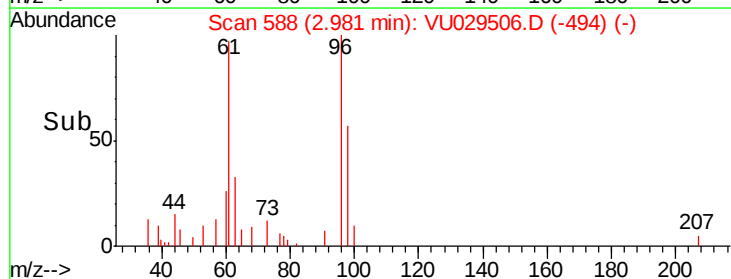
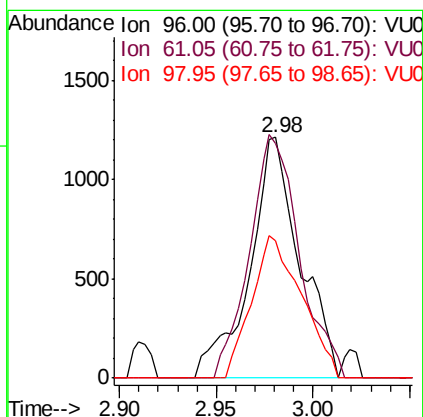
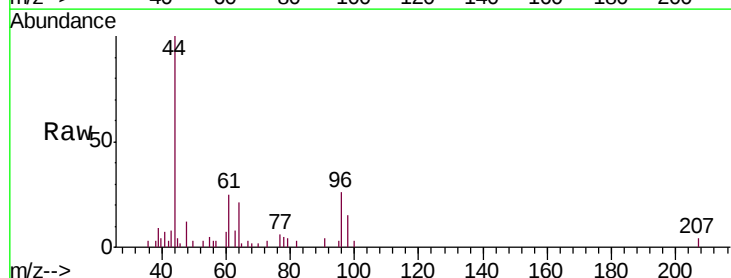
Instrument :
MSVOA_U
ClientSampleId :
ESXD9DL

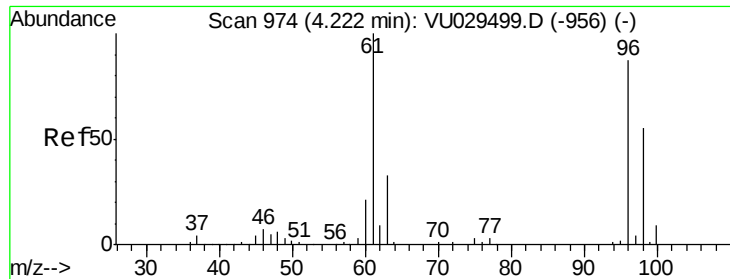
Tgt Ion: 84 Resp: 7884
Ion Ratio Lower Upper
84 100
86 58.8 45.1 83.9
49 114.4 81.8 151.8



#18
trans-1,2-Dichloroethene
Concen: 0.127 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029506.D
Acq: 15 Feb 2019 19:19

Tgt Ion: 96 Resp: 2195
Ion Ratio Lower Upper
96 100
61 97.3 95.4 177.2
98 57.1 45.8 85.2



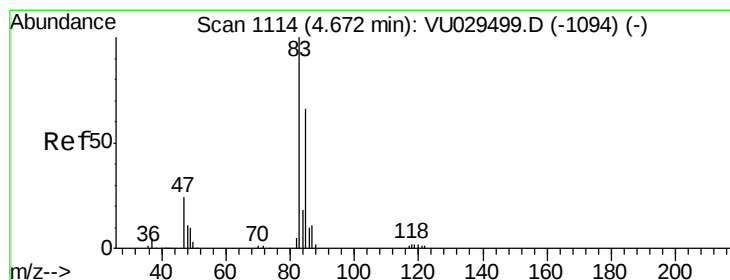
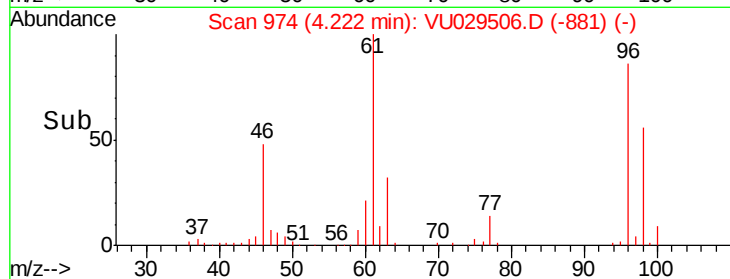
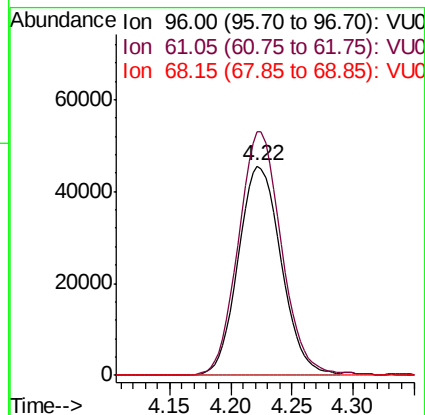
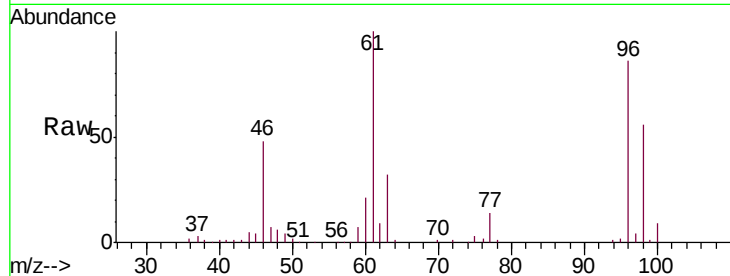


#22

cis-1,2-Dichloroethene
 Concen: 6.999 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD9DL

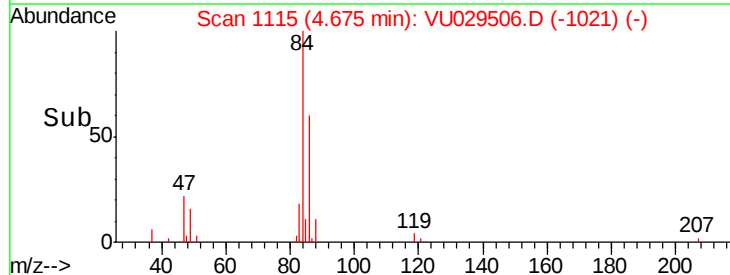
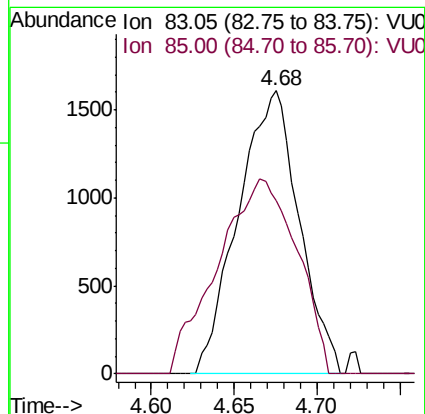
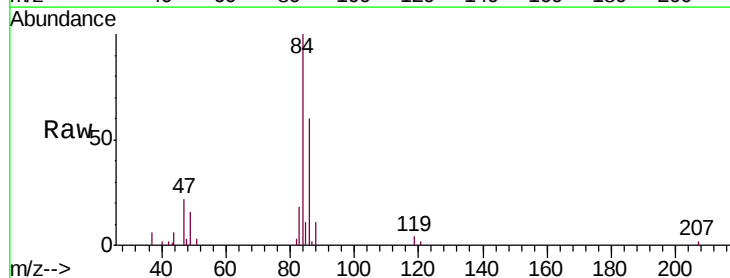
Tgt Ion: 96 Resp: 111357
 Ion Ratio Lower Upper
 96 100
 61 116.1 79.9 148.5
 68 0.0 0.0 0.0

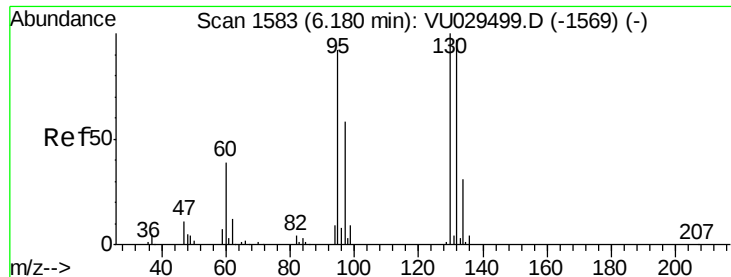


#25

Chloroform
 Concen: 0.158 ug/L
 RT: 4.68 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

Tgt Ion: 83 Resp: 4108
 Ion Ratio Lower Upper
 83 100
 85 61.2 47.8 88.8

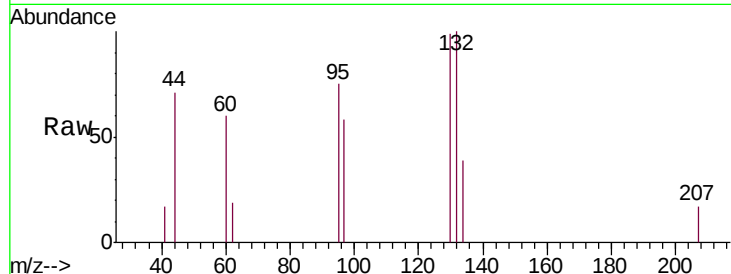




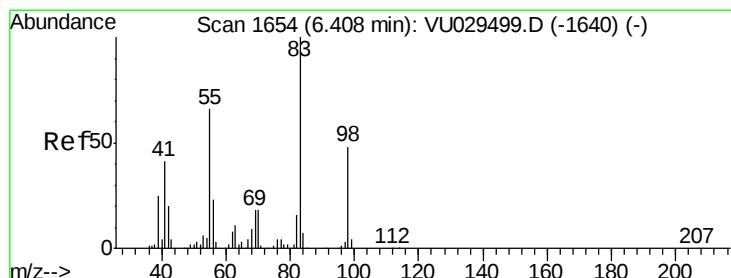
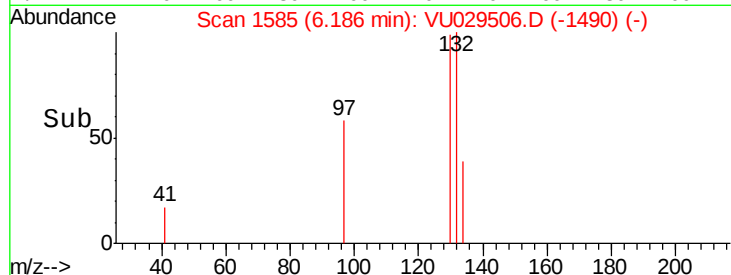
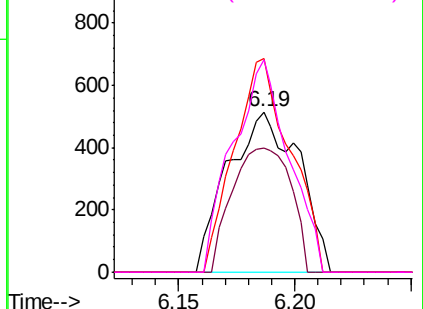
#34
 Trichloroethene
 Concen: 0.069 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

Instrument :
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Tgt Ion: 95 Resp: 1095
 Ion Ratio Lower Upper
 95 100
 97 77.1 46.3 86.1
 132 132.9 72.9 135.3
 130 132.0 79.2 147.0

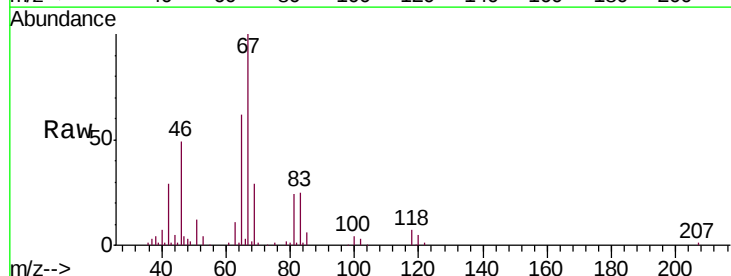


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

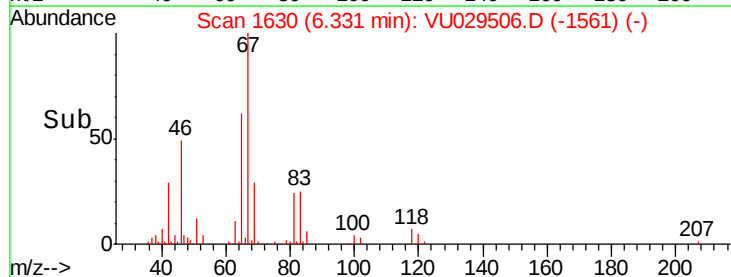
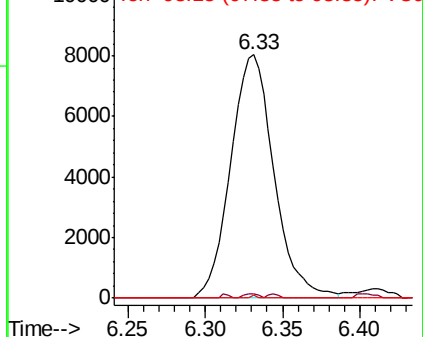


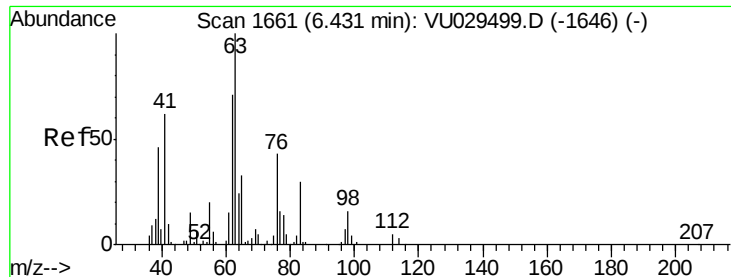
#35
 Methylcyclohexane
 Concen: 0.589 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.08 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

Tgt Ion: 83 Resp: 15638
 Ion Ratio Lower Upper
 83 100
 55 0.6 55.9 83.9#
 98 0.1 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

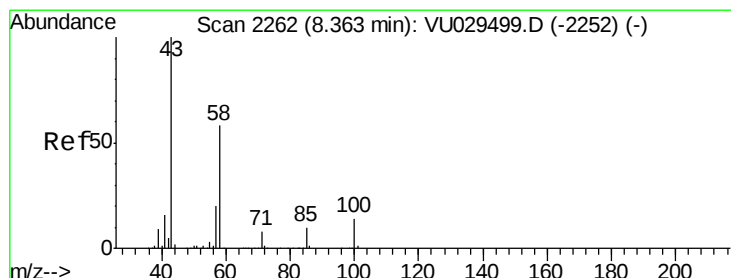
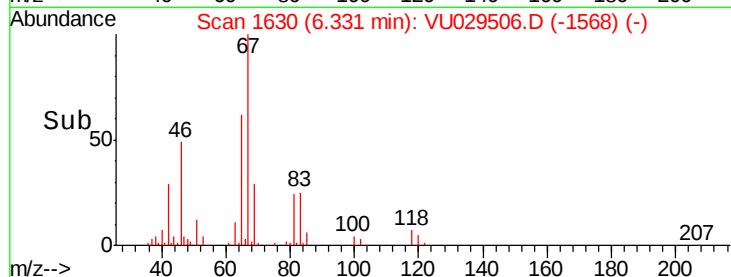
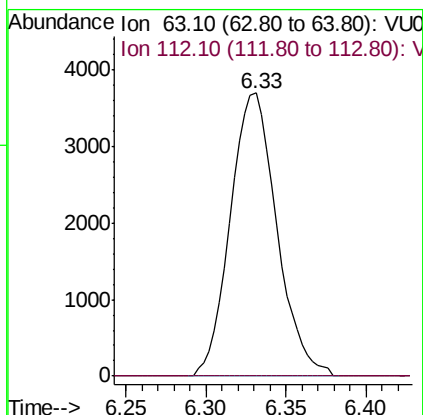
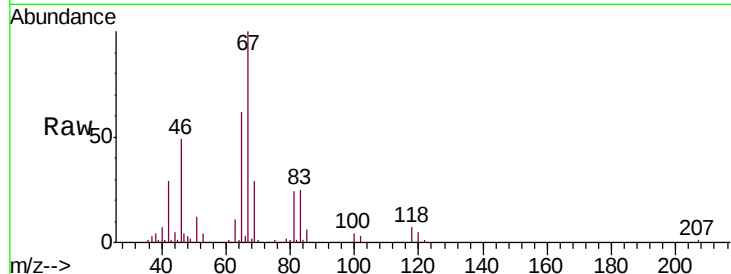




#37
 1,2-Dichloropropane
 Concen: 0.522 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

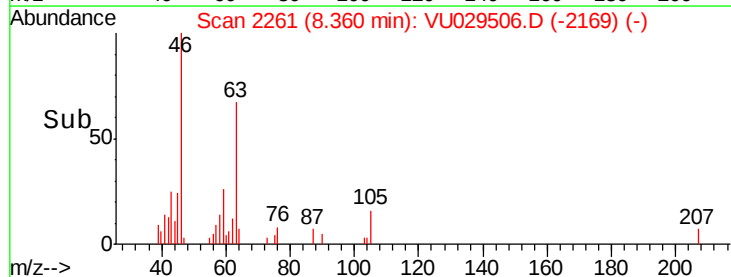
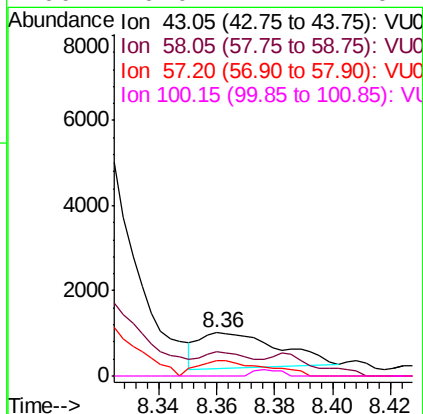
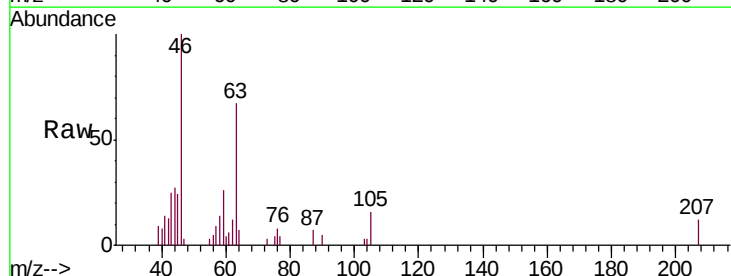
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD9DL

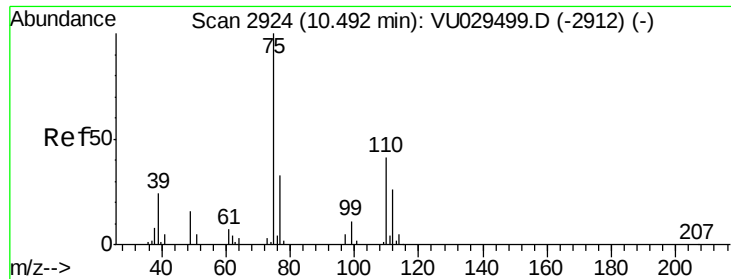
Tgt Ion: 63 Resp: 7347
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 0.262 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VU029506.D
 Acq: 15 Feb 2019 19:19

Tgt Ion: 43 Resp: 1545
 Ion Ratio Lower Upper
 43 100
 58 47.1 45.7 68.5
 57 37.8 16.4 24.6#
 100 0.0 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 1.120 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029506.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_U

ClientSampleId :

ESXD9DL

Tgt Ion: 75 Resp: 10103

Ion Ratio Lower Upper

75 100

77 37.5 28.2 42.2

