

Data File : VU028249.D
Acq On : 19 Nov 2018 12:53
Operator : MD/SY
Sample : J5986-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ2RE

Quant Time: Nov 20 07:11:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53506	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41242	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	36887	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.28	63	61878	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.21	46	144862	45.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.30%
24) Chloroform-d	4.65	84	77004	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.31	65	42812	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.34	84	155070	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.33	67	56941	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.57	98	134005	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	17509	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.31	63	99884	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43472	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	46685	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	4214	0.329 ug/L #	1
12) 1,1-Dichloroethene	2.28	96	434	0.056 ug/L #	1
17) Methyl tert-butyl Ether	3.01	73	28168	1.209 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	685	0.083 ug/L #	61
19) 1,1-Dichloroethane	3.44	63	1877	0.098 ug/L	92
22) cis-1,2-Dichloroethene	4.23	96	61744	6.320 ug/L	88
27) 1,2-Dichloroethane	5.34	62	785	0.066 ug/L #	78
33) Benzene	5.39	78	6240	0.157 ug/L	100
34) Trichloroethene	6.19	95	5032	0.518 ug/L	96
35) Methylcyclohexane	6.33	83	12259	0.800 ug/L #	13
37) 1,2-Dichloropropane	6.33	63	5682	0.501 ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1138	0.079 ug/L #	72
45) 1,1,2-Trichloroethane	7.94	97	285	0.042 ug/L #	13
48) 2-Hexanone	8.37	43	2176	0.377 ug/L #	69
49) Dibromochloromethane	8.23	129	369	0.053 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7810	1.193 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\
Quantitation Report (Not Reviewed)

Data File : VU028249.D
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

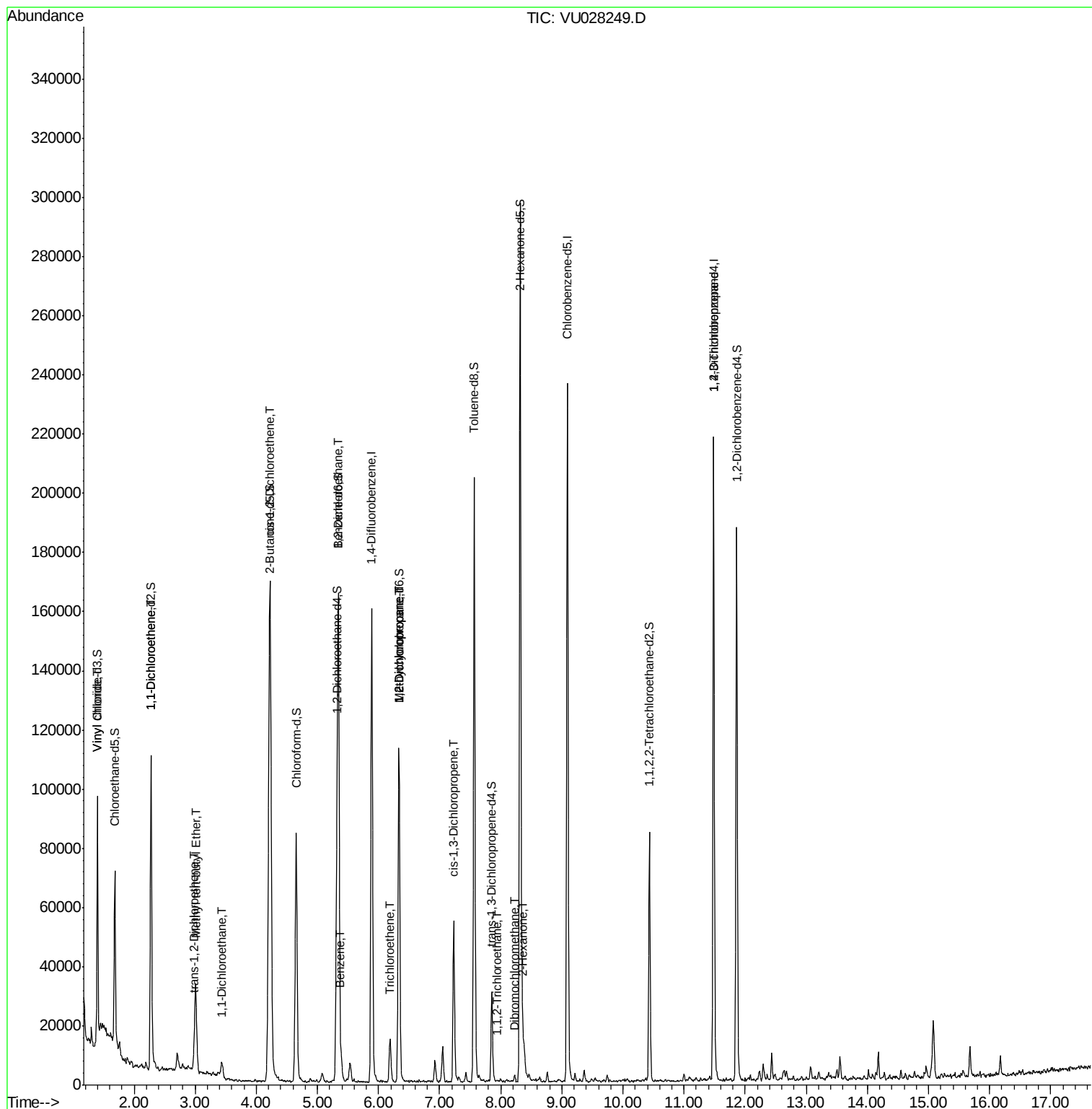
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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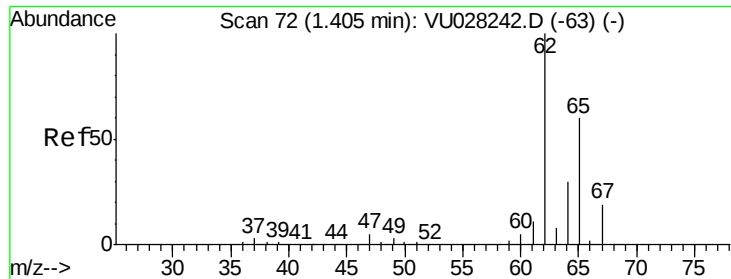
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.329 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

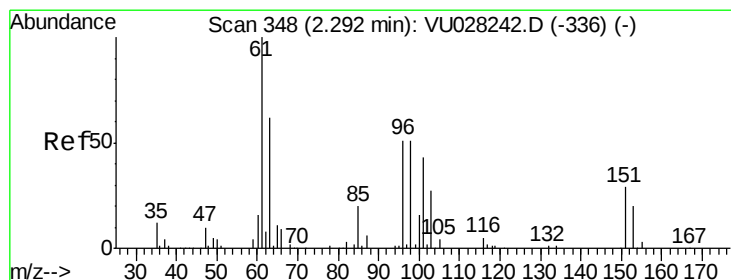
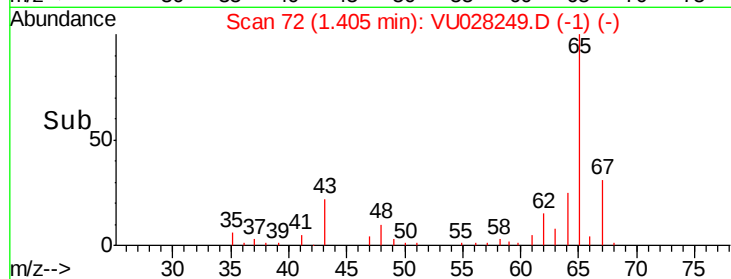
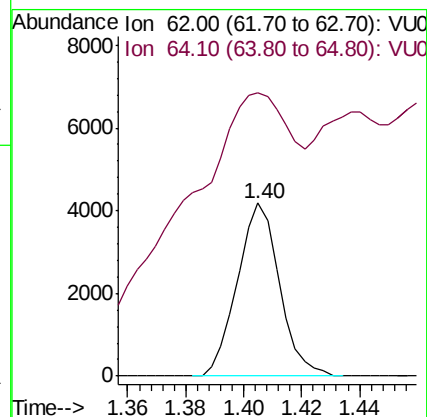
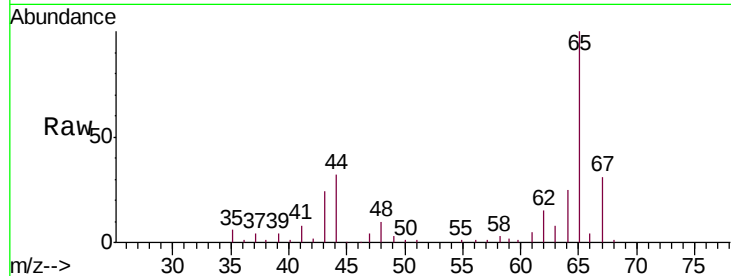
H0FJ2RE

Tgt Ion: 62 Resp: 4214

Ion Ratio Lower Upper

62 100

64 163.5 21.7 40.3#



#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

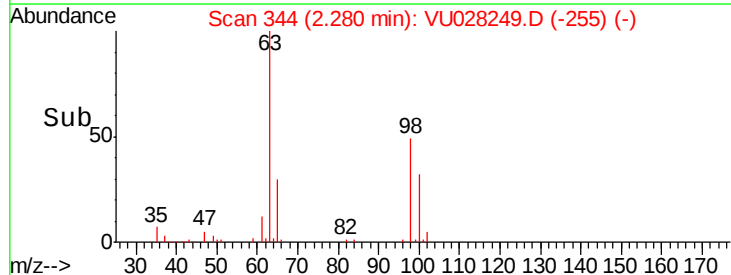
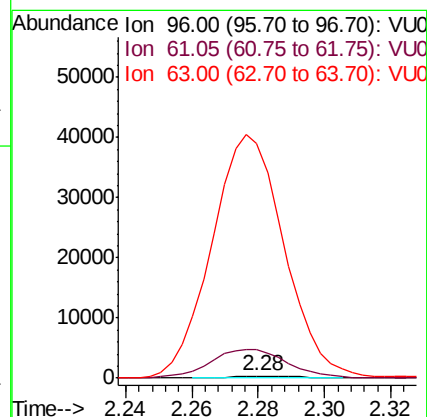
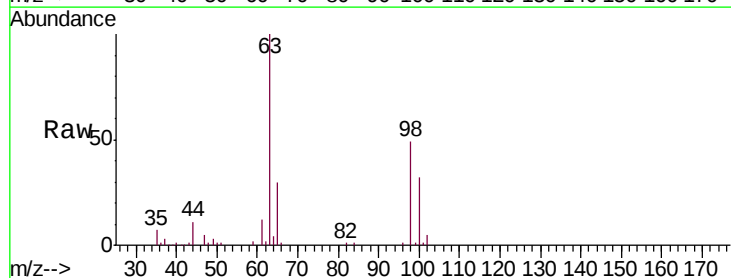
Tgt Ion: 96 Resp: 434

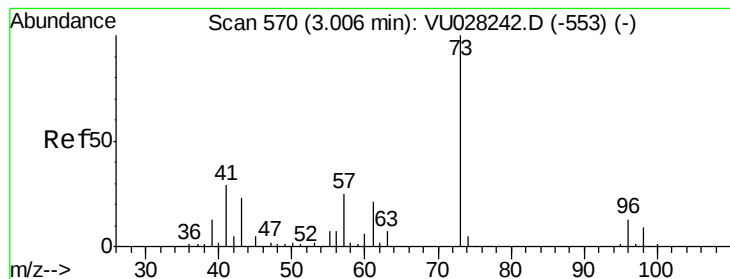
Ion Ratio Lower Upper

96 100

61 1530.5 145.5 270.1#

63 12826.2 98.6 183.2#





#17

Methyl tert-butyl Ether

Concen: 1.209 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

H0FJ2RE

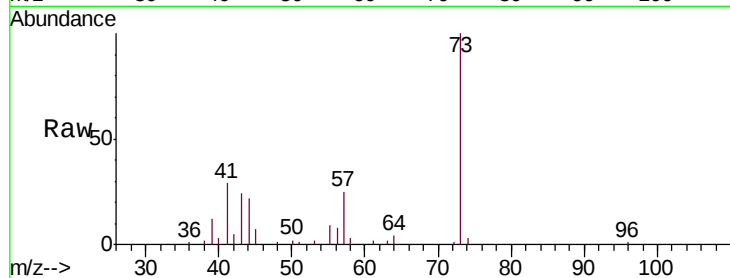
Tgt Ion: 73 Resp: 28168

Ion Ratio Lower Upper

73 100

43 24.4 18.8 28.2

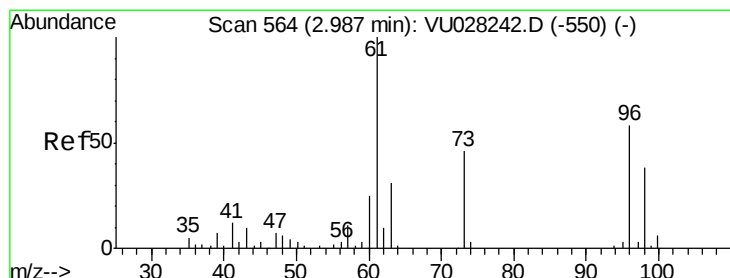
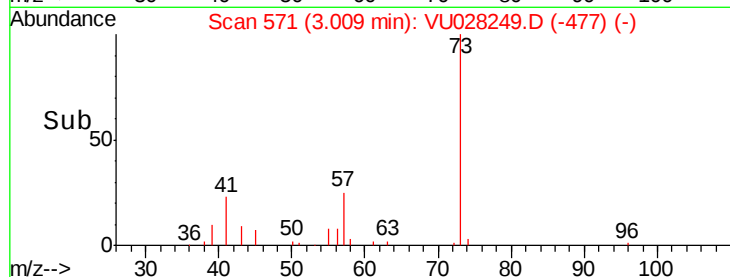
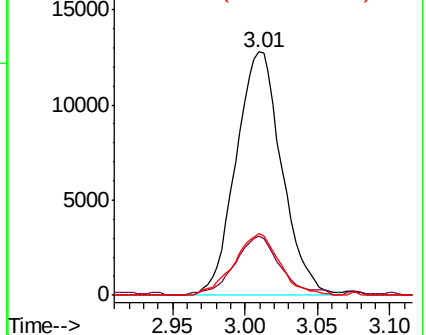
57 25.3 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VU028249.D (-477) (-)

Ion 43.05 (42.75 to 43.75): VU028249.D (-477) (-)

Ion 57.10 (56.80 to 57.80): VU028249.D (-477) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.083 ug/L

RT: 2.97 min Scan# 560

Delta R.T. -0.01 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

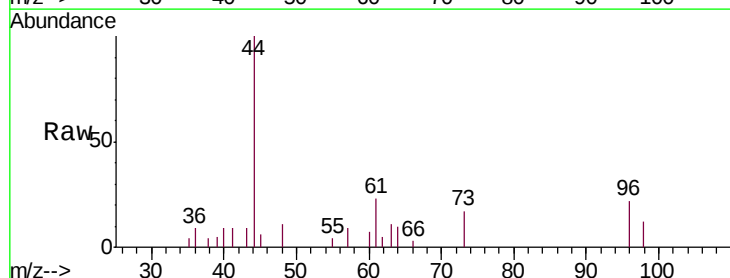
Tgt Ion: 96 Resp: 685

Ion Ratio Lower Upper

96 100

61 105.7 122.2 227.0#

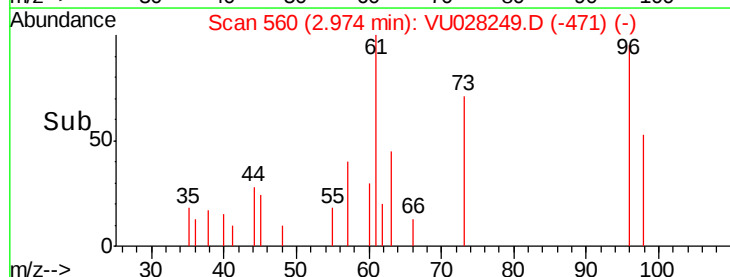
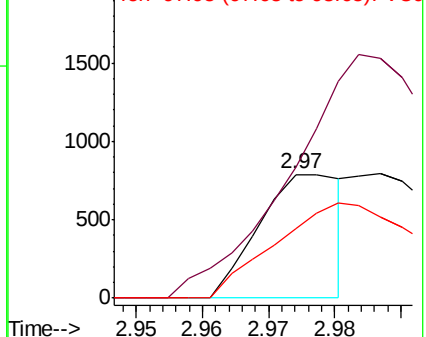
98 56.3 44.9 83.5

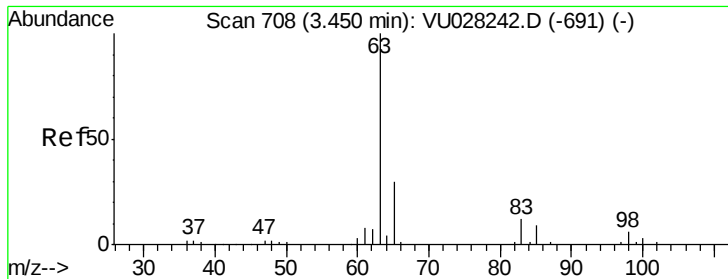


Abundance Ion 96.00 (95.70 to 96.70): VU028249.D (-471) (-)

Ion 61.05 (60.75 to 61.75): VU028249.D (-471) (-)

Ion 97.95 (97.65 to 98.65): VU028249.D (-471) (-)

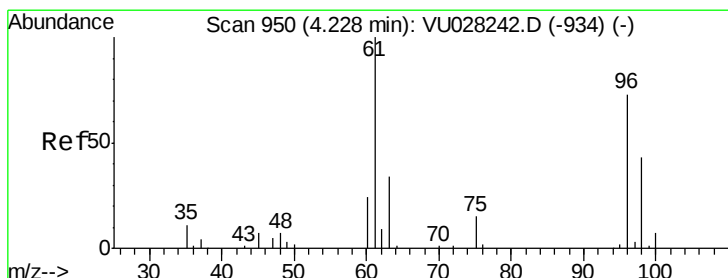
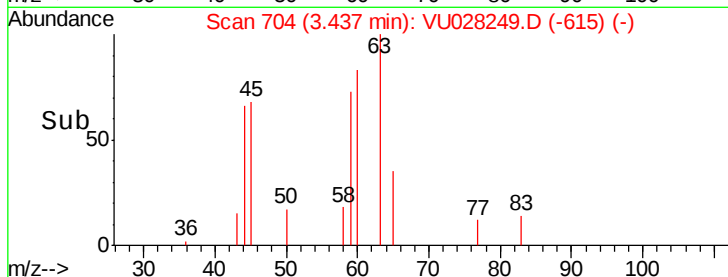
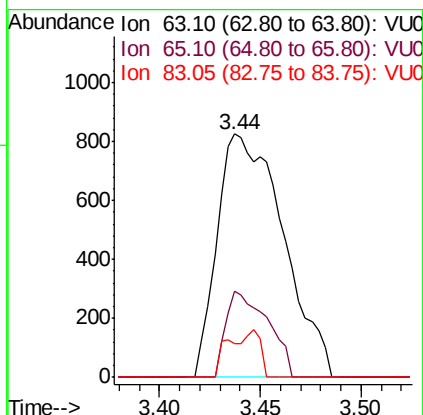
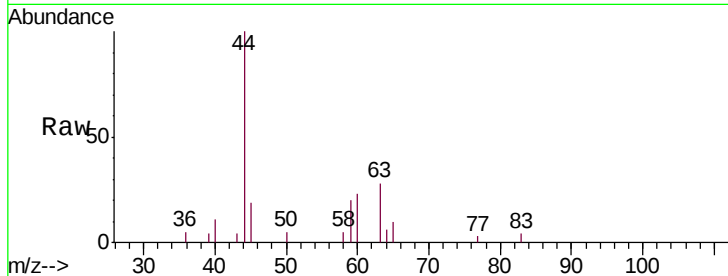




#19
 1,1-Dichloroethane
 Concen: 0.098 ug/L
 RT: 3.44 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

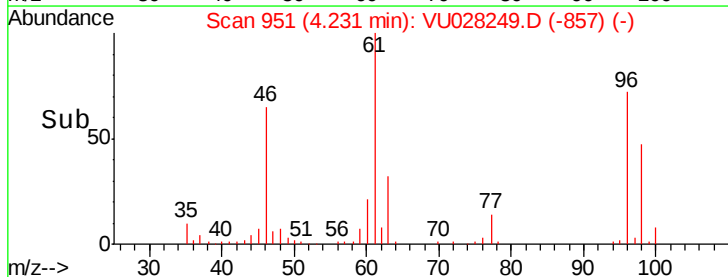
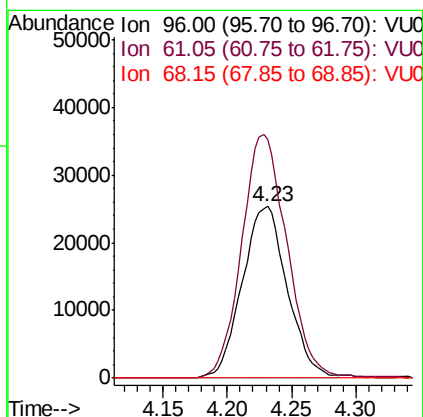
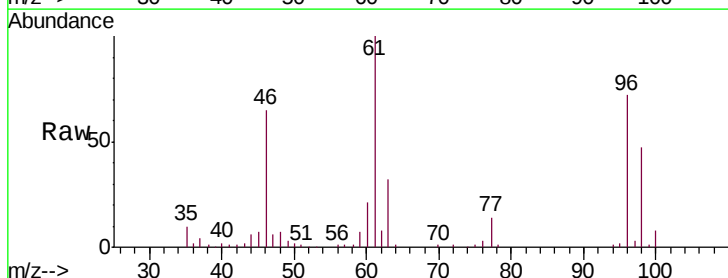
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ2RE

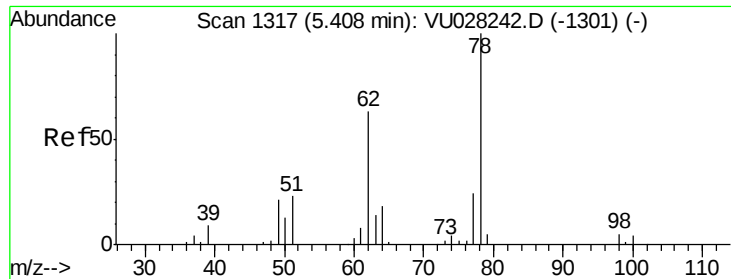
Tgt Ion: 63 Resp: 1877
 Ion Ratio Lower Upper
 63 100
 65 35.5 21.2 39.4
 83 13.8 8.8 16.4



#22
 cis-1,2-Dichloroethene
 Concen: 6.320 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

Tgt Ion: 96 Resp: 61744
 Ion Ratio Lower Upper
 96 100
 61 138.5 108.0 200.6
 68 0.0 0.0 0.0

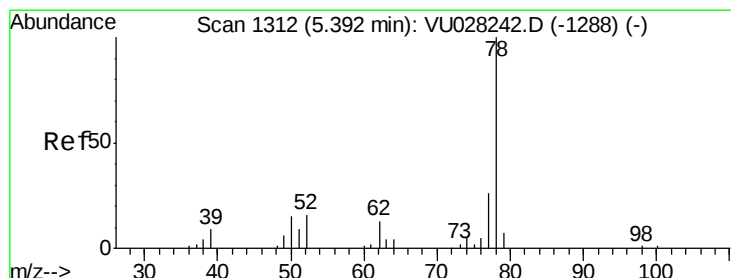
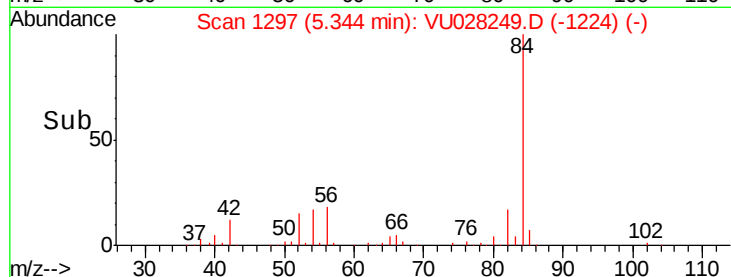
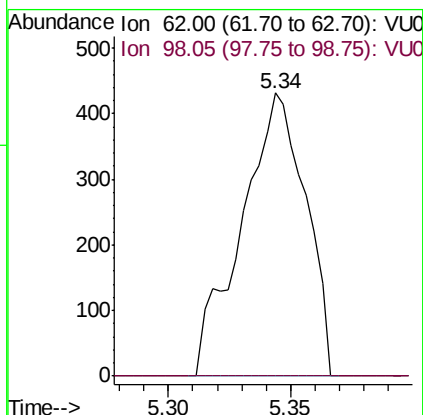
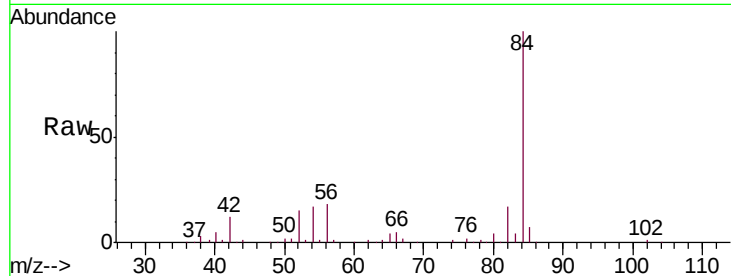




#27
 1,2-Dichloroethane
 Concen: 0.066 ug/L
 RT: 5.34 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

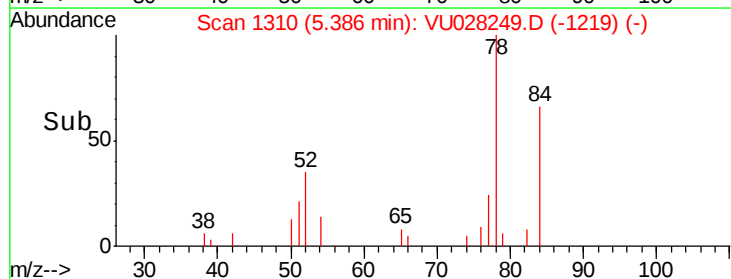
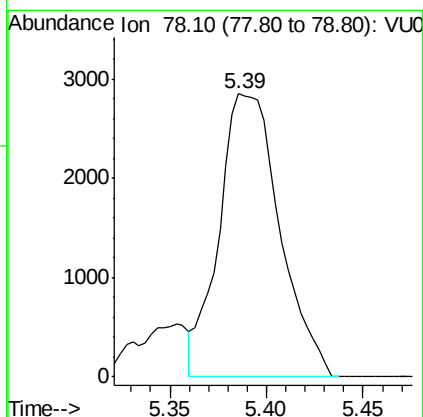
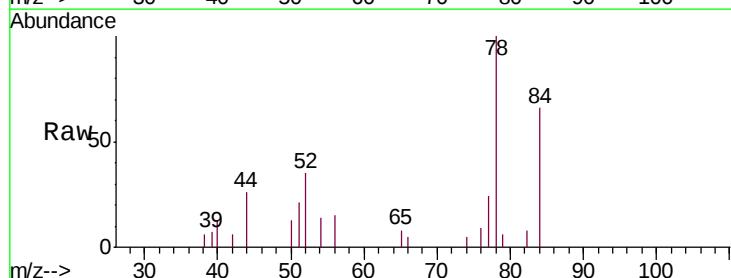
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ2RE

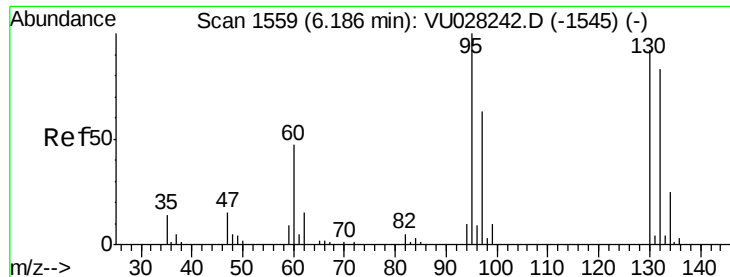
Tgt Ion: 62 Resp: 785
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#



#33
 Benzene
 Concen: 0.157 ug/L
 RT: 5.39 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

Tgt Ion: 78 Resp: 6240





#34

Trichloroethene

Concen: 0.518 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

H0FJ2RE

Tgt Ion: 95 Resp: 5032

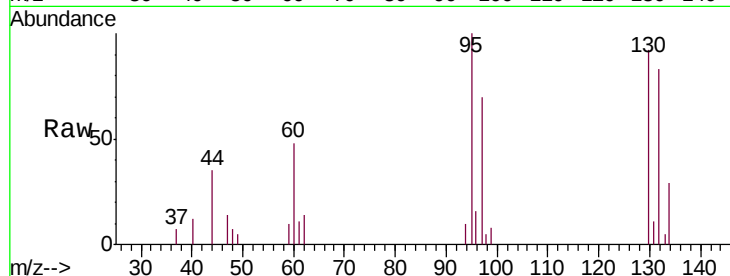
Ion Ratio Lower Upper

95 100

97 70.5 46.5 86.3

132 82.9 58.9 109.3

130 92.1 61.3 113.9

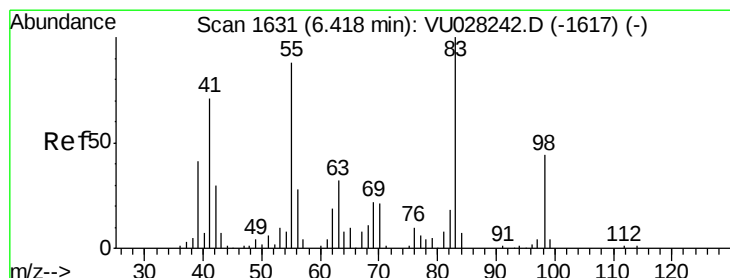
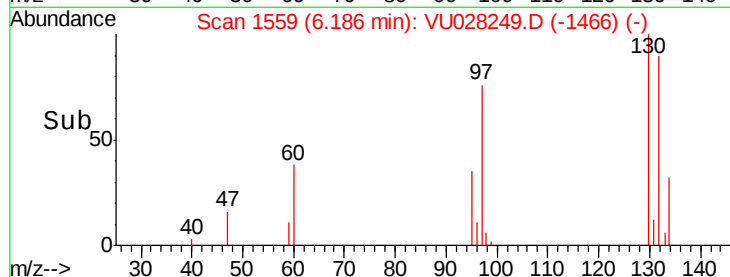
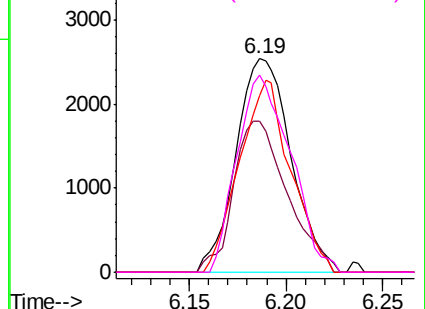


Abundance Ion 95.00 (94.70 to 95.70): VU028249.D (-1545) (-)

Ion 96.95 (96.65 to 97.65): VU028249.D (-1545) (-)

Ion 131.95 (131.65 to 132.65): VU028249.D (-1545) (-)

Ion 129.95 (129.65 to 130.65): VU028249.D (-1545) (-)



#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

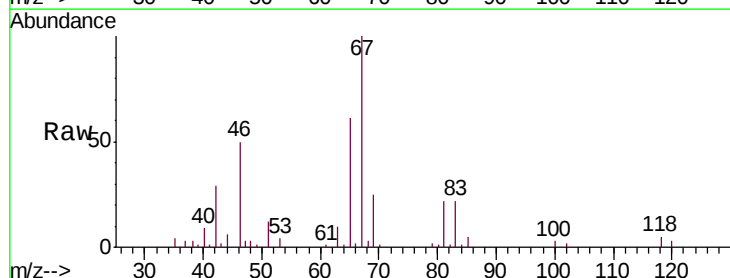
Tgt Ion: 83 Resp: 12259

Ion Ratio Lower Upper

83 100

55 0.4 73.2 109.8#

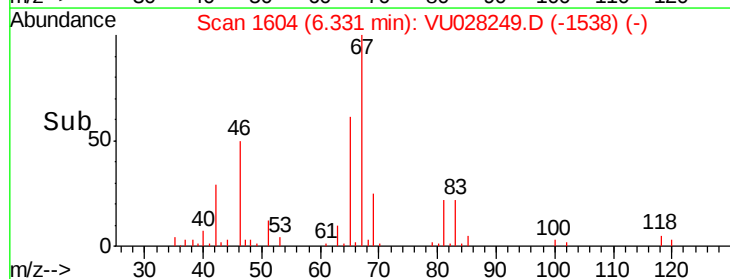
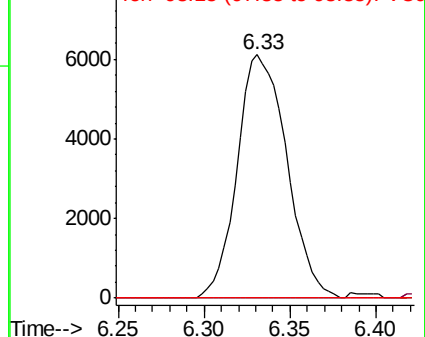
98 0.0 33.4 50.2#

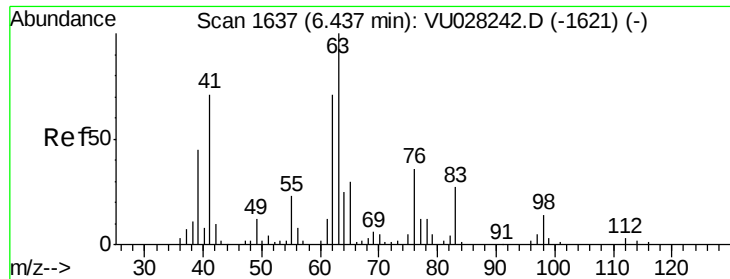


Abundance Ion 83.15 (82.85 to 83.85): VU028249.D (-1538) (-)

Ion 55.10 (54.80 to 55.80): VU028249.D (-1538) (-)

Ion 98.15 (97.85 to 98.85): VU028249.D (-1538) (-)

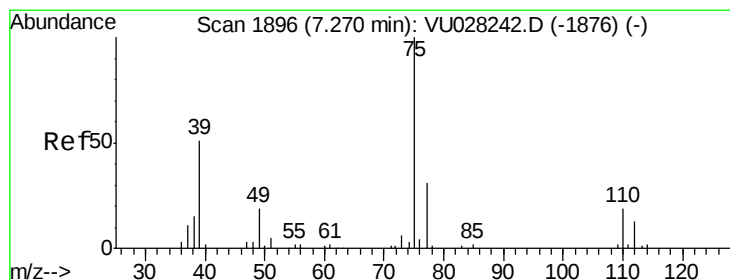
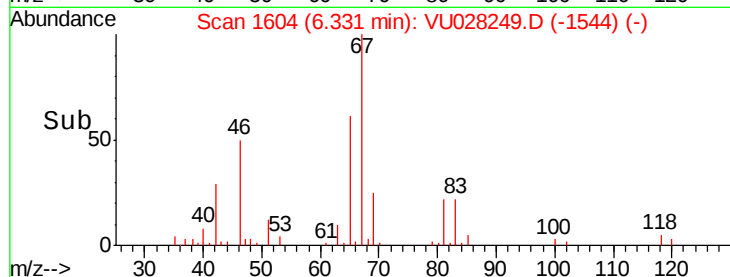
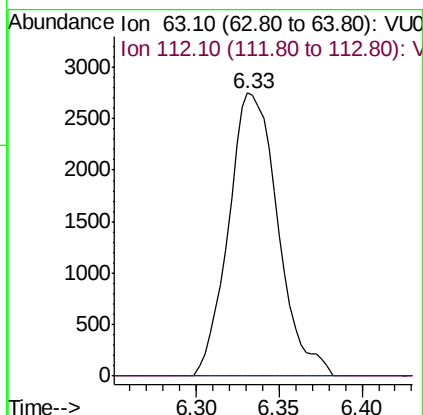
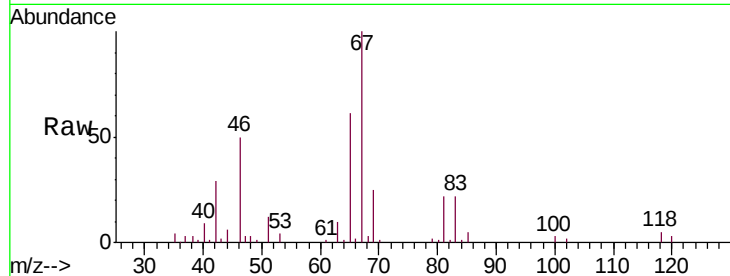




#37
 1,2-Dichloropropane
 Concen: 0.501 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.11 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

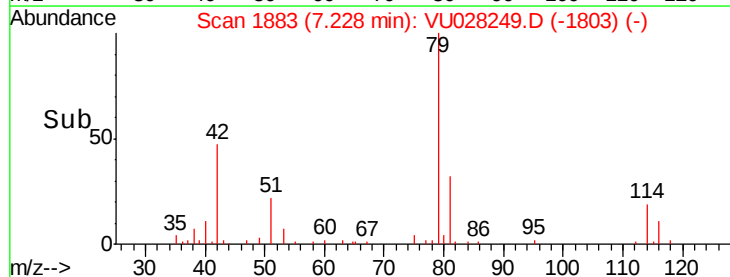
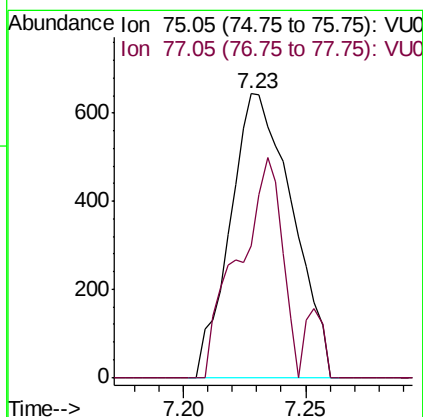
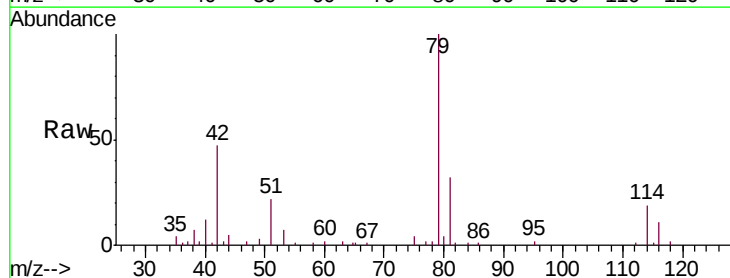
Instrument :
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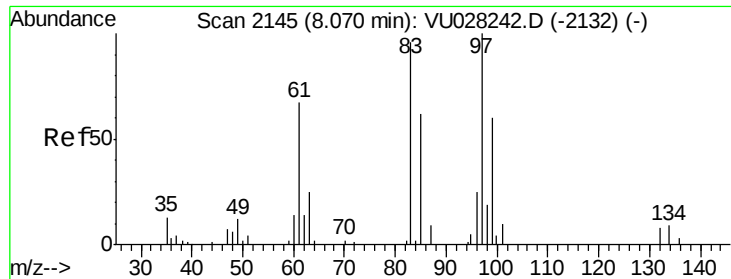
Tgt Ion: 63 Resp: 5682
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

Tgt Ion: 75 Resp: 1138
 Ion Ratio Lower Upper
 75 100
 77 46.3 21.7 40.3#

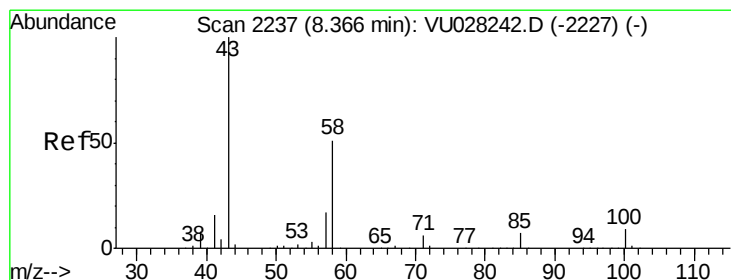
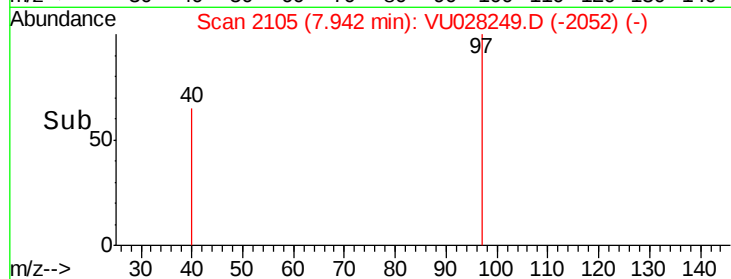
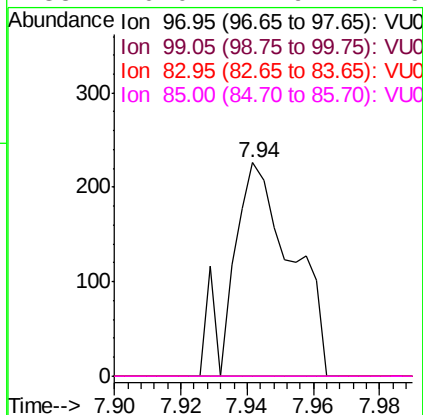
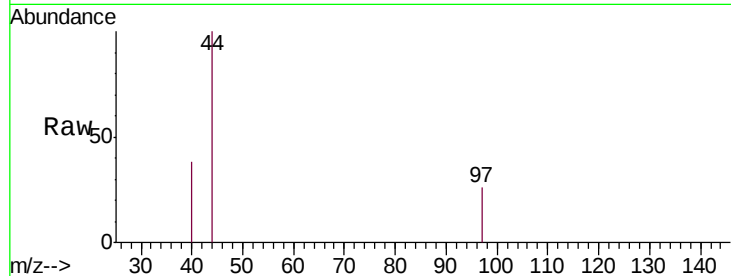




#45
 1,1,2-Trichloroethane
 Concen: 0.042 ug/L
 RT: 7.94 min Scan# 2105
 Delta R.T. -0.13 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

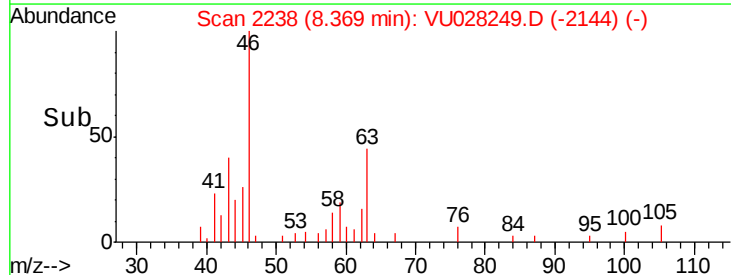
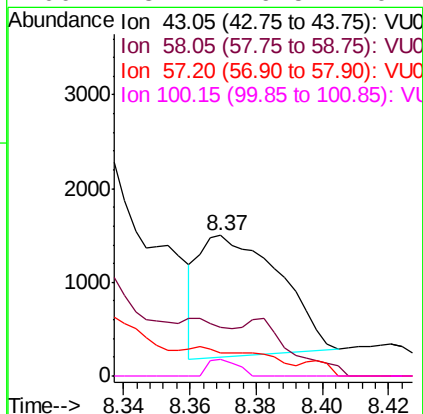
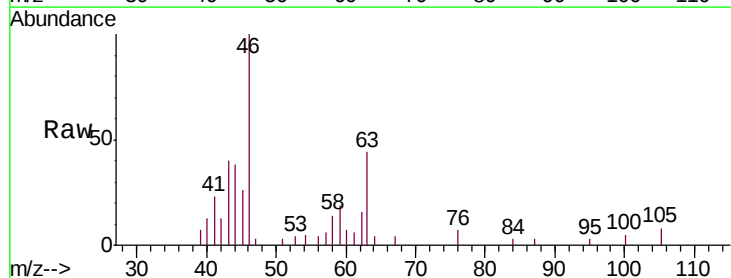
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ2RE

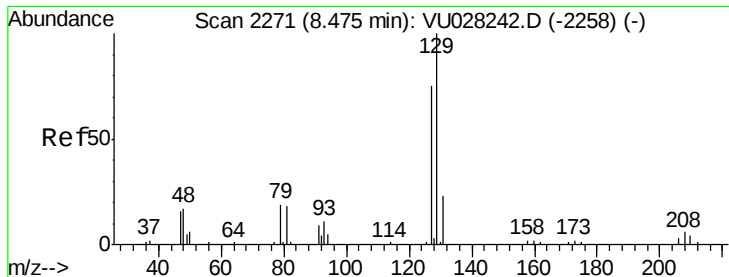
Tgt Ion: 97 Resp: 285
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.2 82.0#
 83 0.0 63.3 117.5#
 85 0.0 41.9 77.9#



#48
 2-Hexanone
 Concen: 0.377 ug/L
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: VU028249.D
 Acq: 19 Nov 2018 12:53

Tgt Ion: 43 Resp: 2176
 Ion Ratio Lower Upper
 43 100
 58 29.5 41.1 61.7#
 57 0.0 13.8 20.8#
 100 5.2 6.5 9.7#





#49

Dibromochloromethane

Concen: 0.053 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. -0.24 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

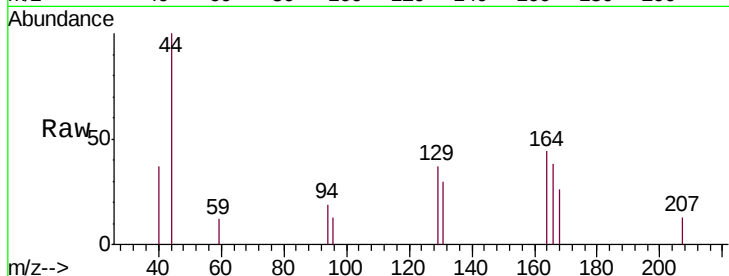
H0FJ2RE

Tgt Ion:129 Resp: 369

Ion Ratio Lower Upper

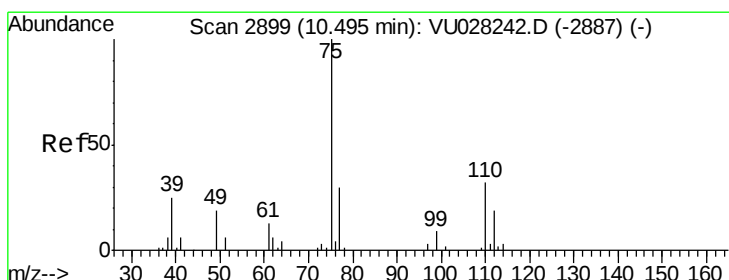
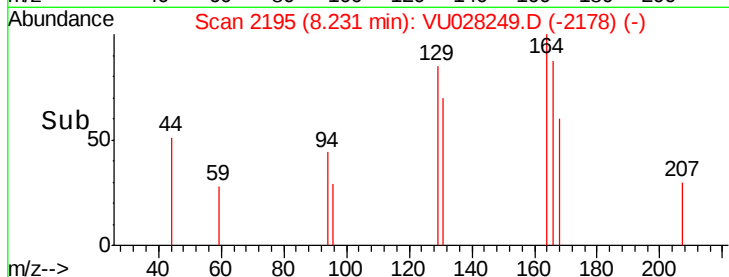
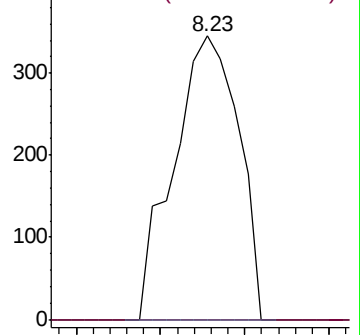
129 100

127 0.0 54.7 101.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.193 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028249.D

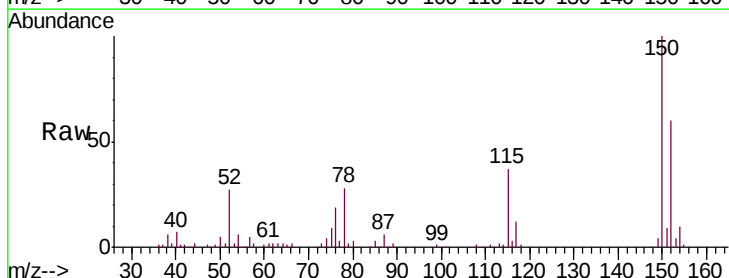
Acq: 19 Nov 2018 12:53

Tgt Ion: 75 Resp: 7810

Ion Ratio Lower Upper

75 100

77 35.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

