

Data File : VU028263.D
Acq On : 19 Nov 2018 18:25
Operator : MD/SY
Sample : J5986-05DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FHODL

Quant Time: Nov 20 07:13:29 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	123675	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	119762	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43310	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	38250	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.28	63	65083	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.20	46	153794	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.65	84	80578	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	47242	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.34	84	162484	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.33	67	60812	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.57	98	138643	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	16679	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.31	63	107496	44.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43834	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	48986	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.40	62	31979	2.548	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	594	0.074	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	674	0.089	ug/L #	1
17) Methyl tert-butyl Ether	3.01	73	1714	0.075	ug/L #	76
19) 1,1-Dichloroethane	3.45	63	588	0.031	ug/L #	51
22) cis-1,2-Dichloroethene	4.23	96	87209	9.097	ug/L	92
25) Chloroform	4.67	83	4259	0.209	ug/L	82
27) 1,2-Dichloroethane	5.35	62	954	0.082	ug/L #	78
34) Trichloroethene	6.19	95	633	0.065	ug/L #	80
35) Methylcyclohexane	6.33	83	12430	0.815	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	6063	0.538	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	828	0.058	ug/L #	40
48) 2-Hexanone	8.37	43	2937	0.511	ug/L #	91
49) Dibromochloromethane	8.23	129	329	0.048	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7172	1.101	ug/L	93

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

Data File : VU028263.D
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QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

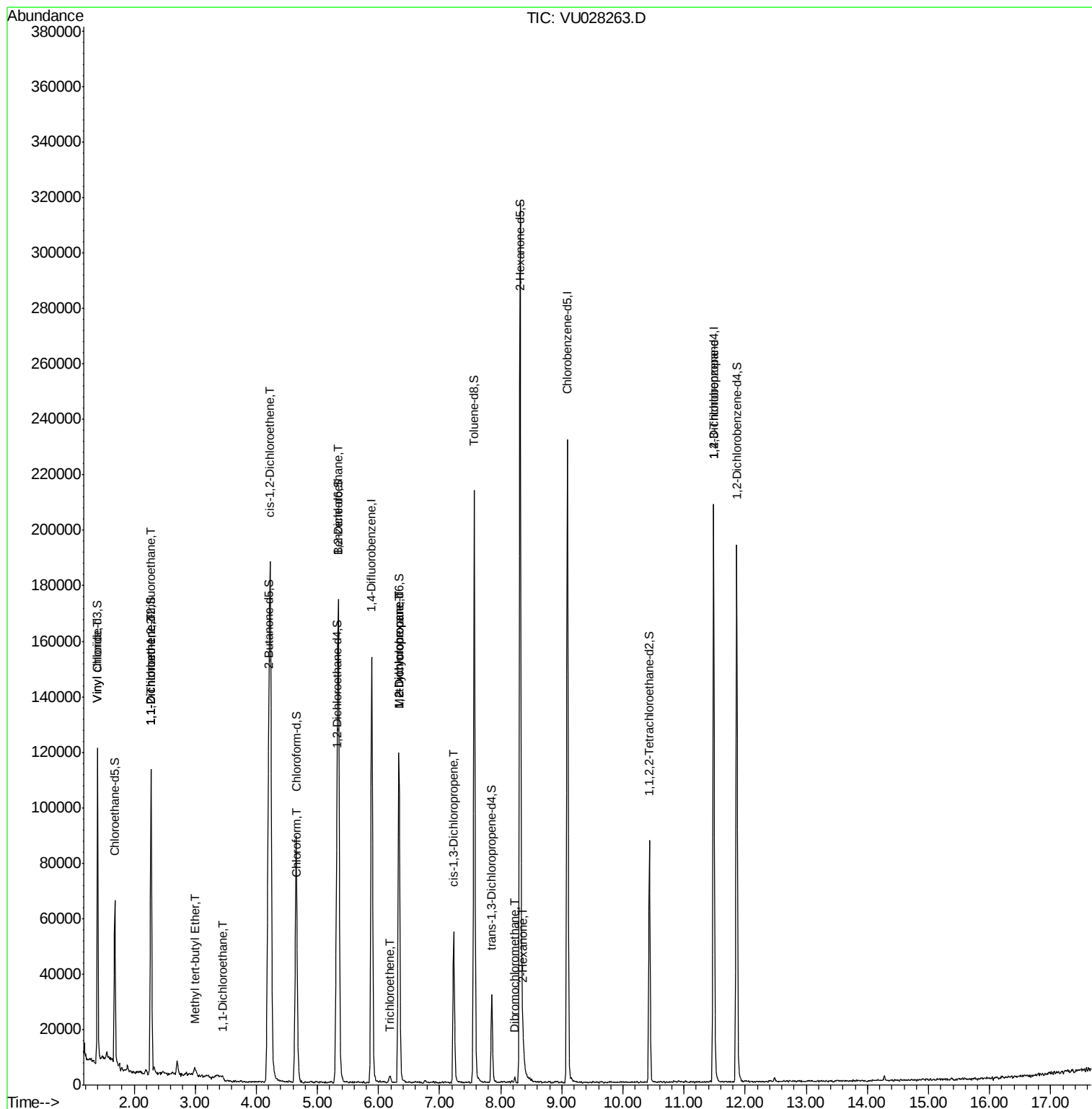
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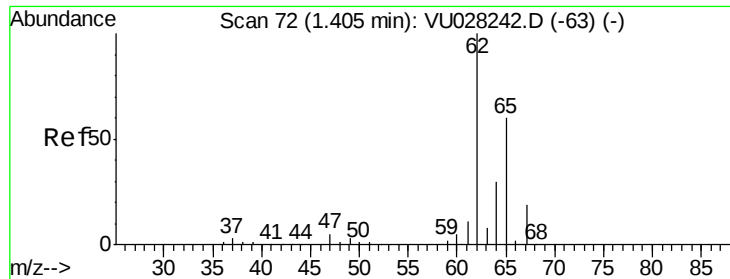
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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





#5

Vinyl chloride

Concen: 2.548 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028263.D

Acq: 19 Nov 2018 18:25

Instrument :

MSVOA_U

ClientSampleId :

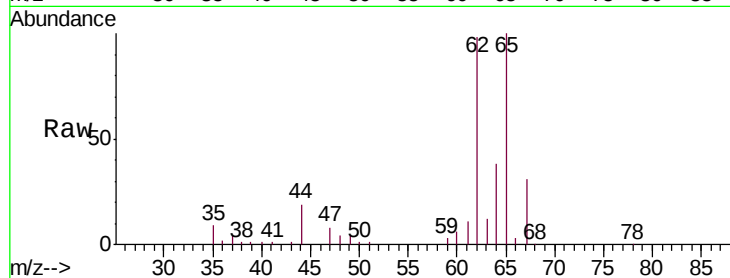
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Tgt Ion: 62 Resp: 31979

Ion Ratio Lower Upper

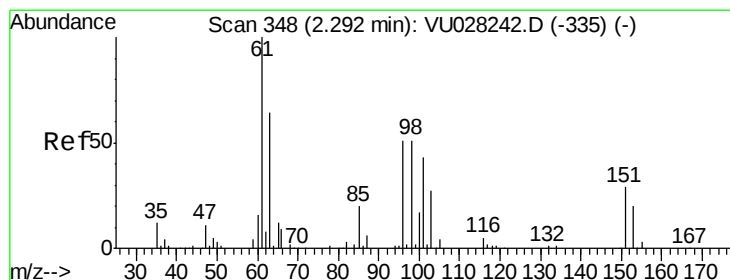
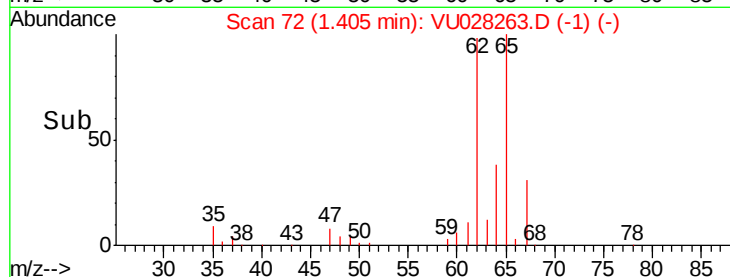
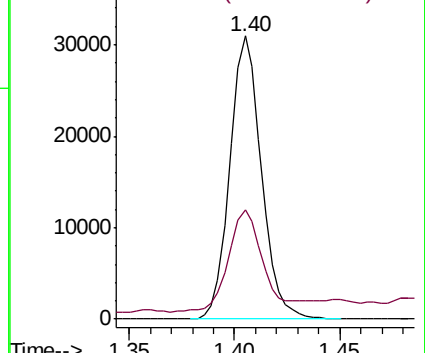
62 100

64 38.5 21.7 40.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#10

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

Concen: 0.074 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028263.D

Acq: 19 Nov 2018 18:25

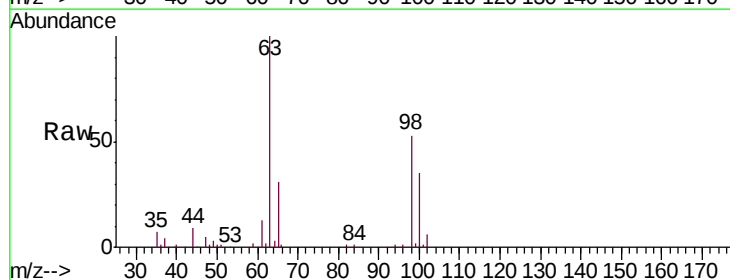
Tgt Ion: 101 Resp: 594

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

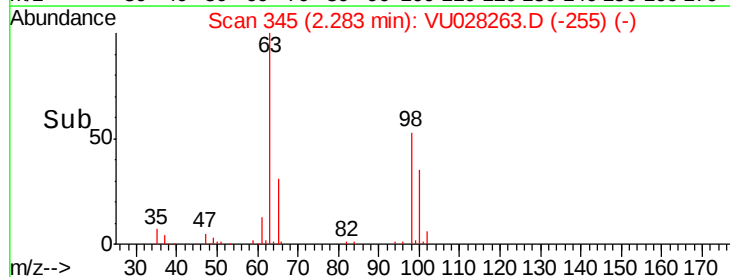
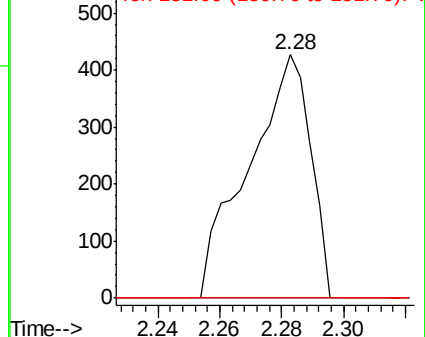
151 0.0 55.0 82.4#

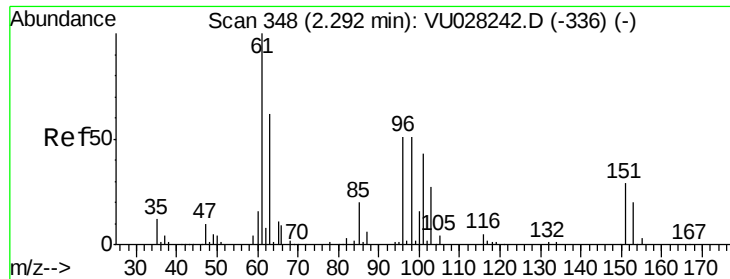


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028263.D

Acq: 19 Nov 2018 18:25

Instrument :

MSVOA_U

ClientSampleId :

H0FH0DL

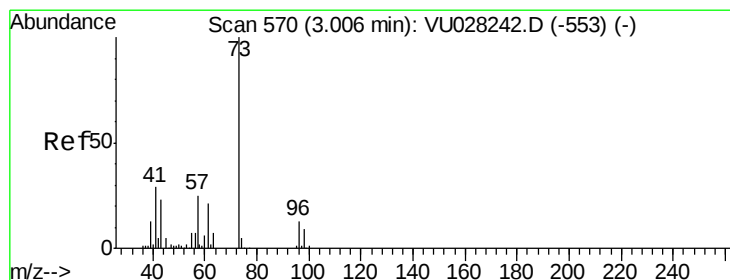
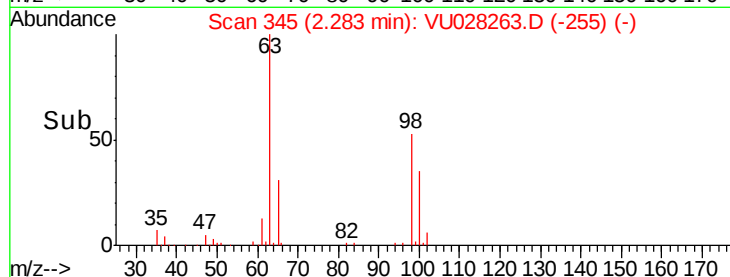
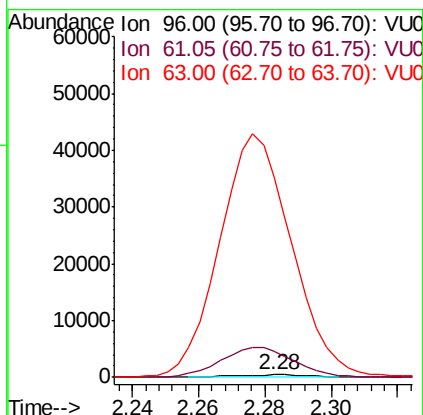
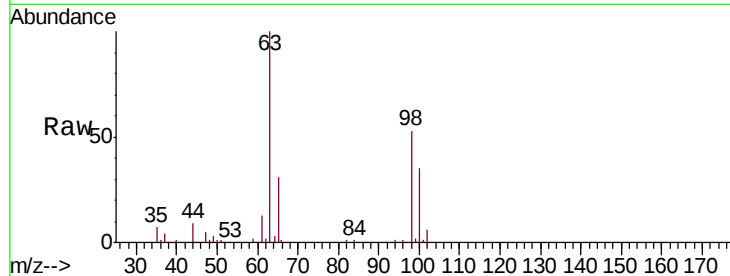
Tgt Ion: 96 Resp: 674

Ion Ratio Lower Upper

96 100

61 951.8 145.5 270.1#

63 7338.0 98.6 183.2#



#17

Methyl tert-butyl Ether

Concen: 0.075 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028263.D

Acq: 19 Nov 2018 18:25

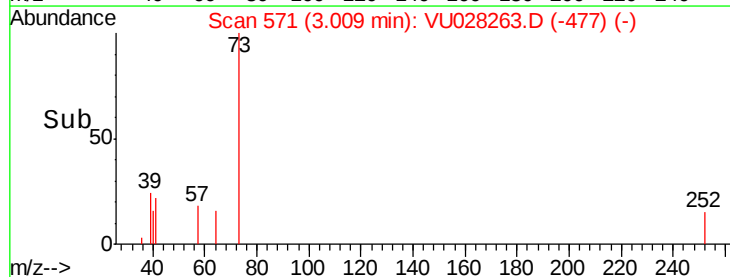
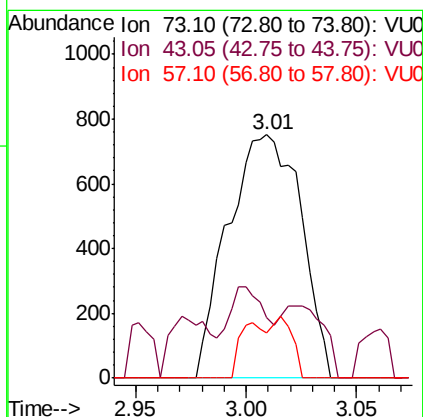
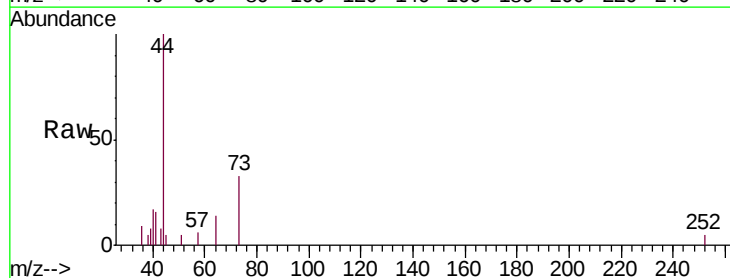
Tgt Ion: 73 Resp: 1714

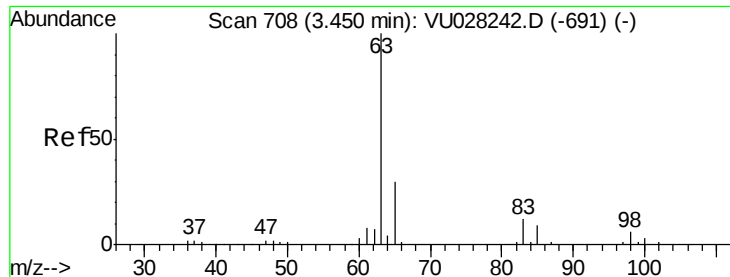
Ion Ratio Lower Upper

73 100

43 17.4 18.8 28.2#

57 7.0 19.2 28.8#

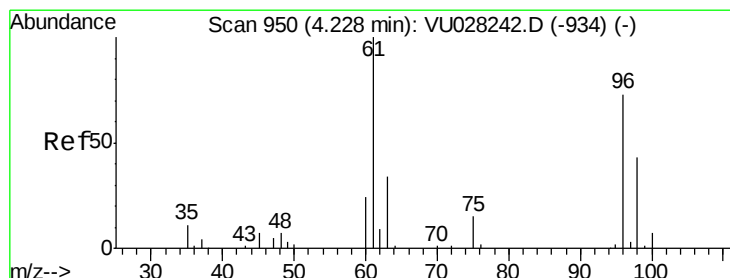
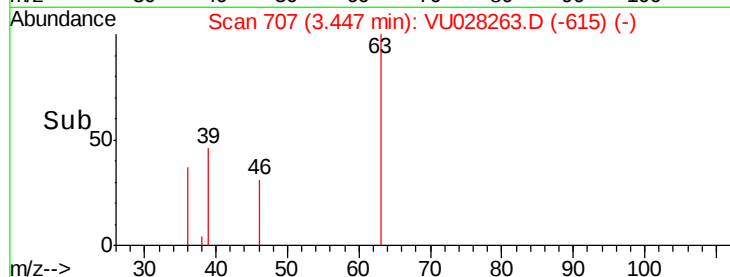
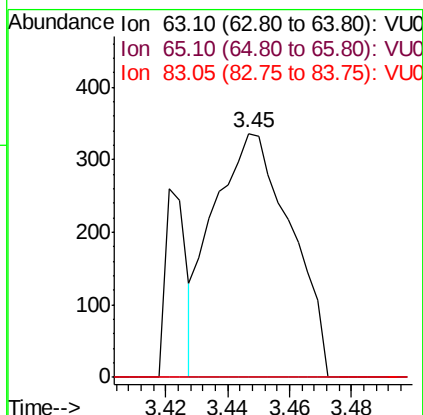
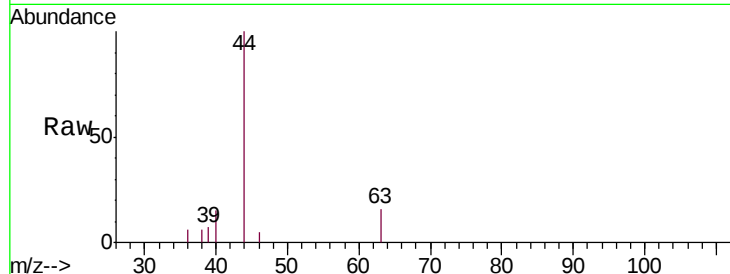




#19
 1,1-Dichloroethane
 Concen: 0.031 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU028263.D
 Acq: 19 Nov 2018 18:25

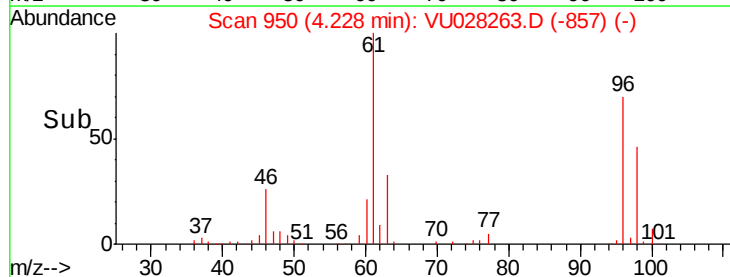
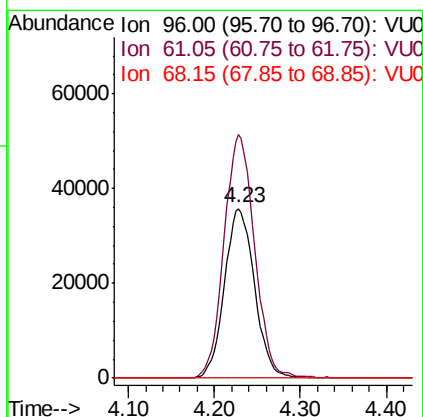
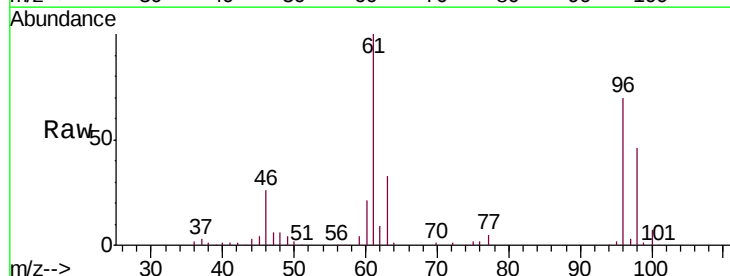
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH0DL

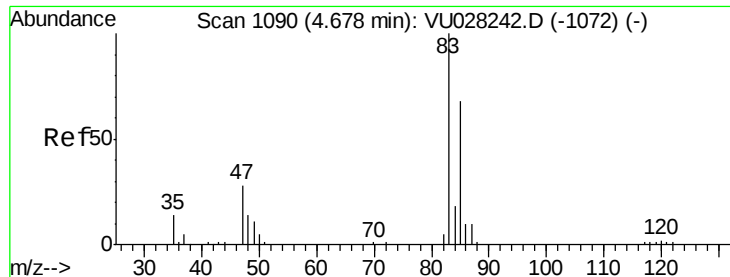
Tgt Ion: 63 Resp: 588
 Ion Ratio Lower Upper
 63 100
 65 0.0 21.2 39.4#
 83 0.0 8.8 16.4#



#22
 cis-1,2-Dichloroethene
 Concen: 9.097 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028263.D
 Acq: 19 Nov 2018 18:25

Tgt Ion: 96 Resp: 87209
 Ion Ratio Lower Upper
 96 100
 61 143.3 108.0 200.6
 68 0.0 0.0 0.0

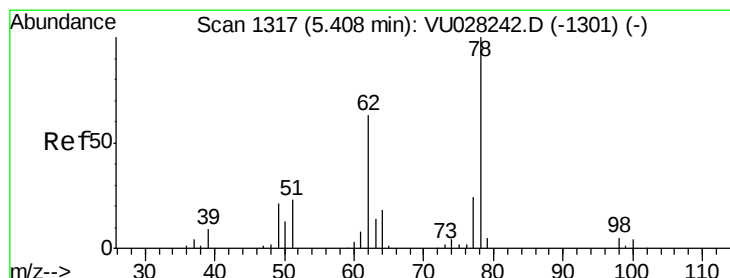
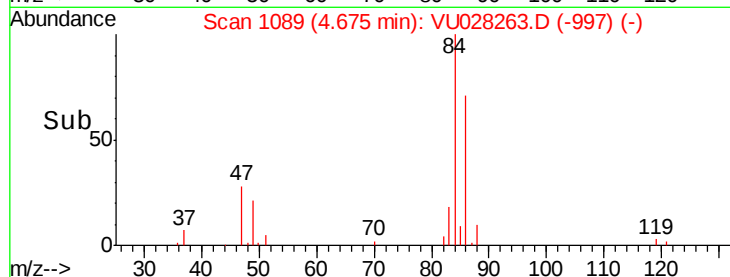
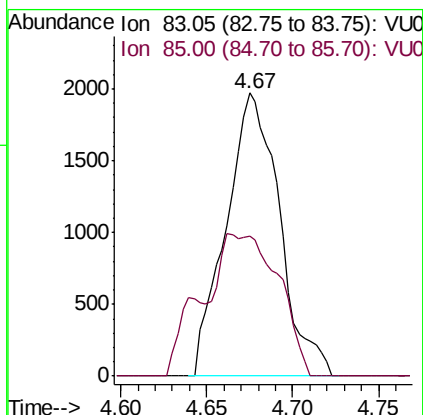
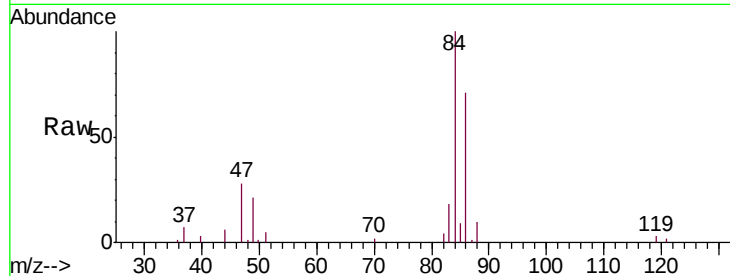




#25
Chloroform
Concen: 0.209 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028263.D
Acq: 19 Nov 2018 18:25

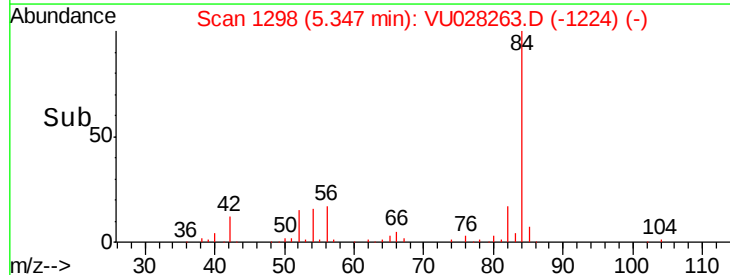
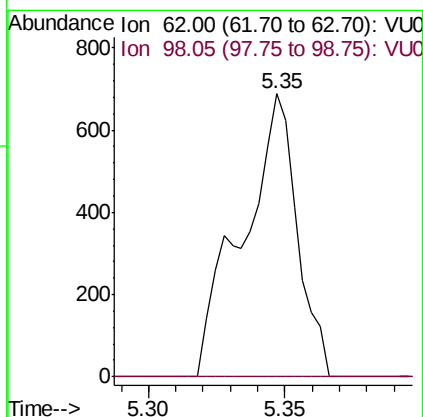
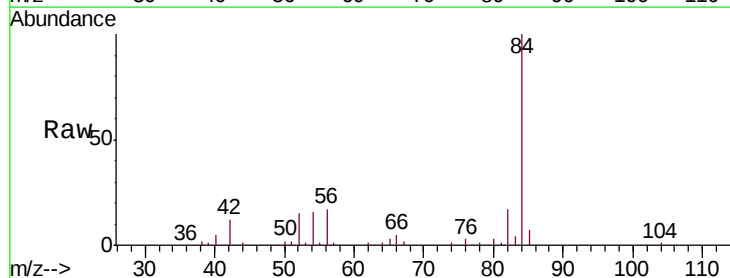
Instrument :
MSVOA_U
ClientSampleId :
H0FH0DL

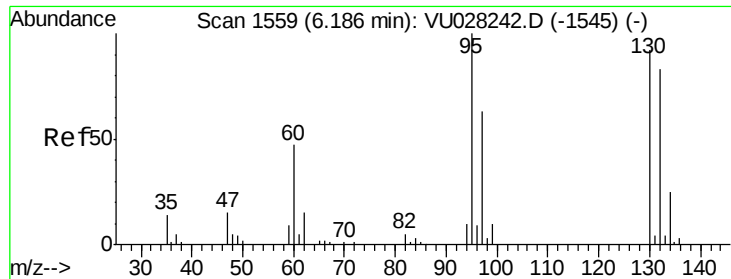
Tgt Ion: 83 Resp: 4259
Ion Ratio Lower Upper
83 100
85 49.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.35 min Scan# 1298
Delta R.T. -0.06 min
Lab File: VU028263.D
Acq: 19 Nov 2018 18:25

Tgt Ion: 62 Resp: 954
Ion Ratio Lower Upper
62 100
98 0.0 6.2 9.4#





#34

Trichloroethene

Concen: 0.065 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028263.D

Acq: 19 Nov 2018 18:25

Instrument :

MSVOA_U

ClientSampleId :

H0FH0DL

Tgt Ion: 95 Resp: 633

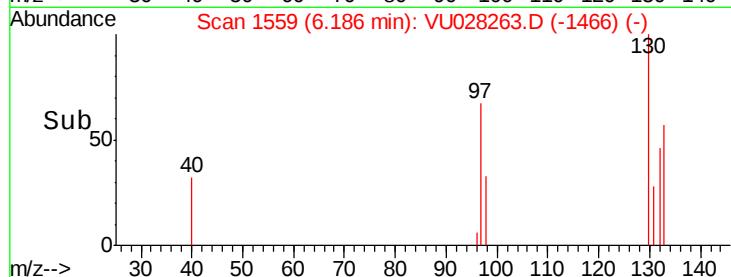
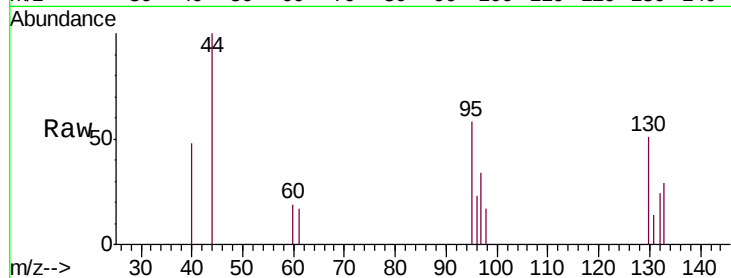
Ion Ratio Lower Upper

95 100

97 58.8 46.5 86.3

132 40.7 58.9 109.3#

130 88.1 61.3 113.9

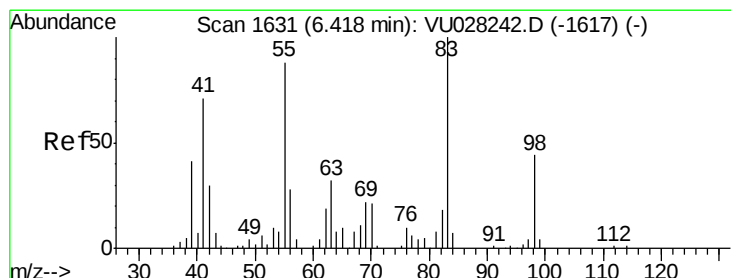
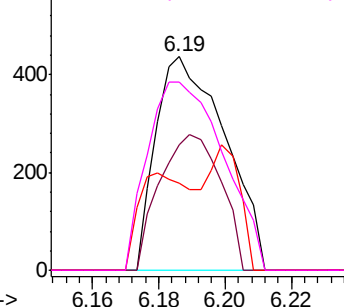


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.815 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028263.D

Acq: 19 Nov 2018 18:25

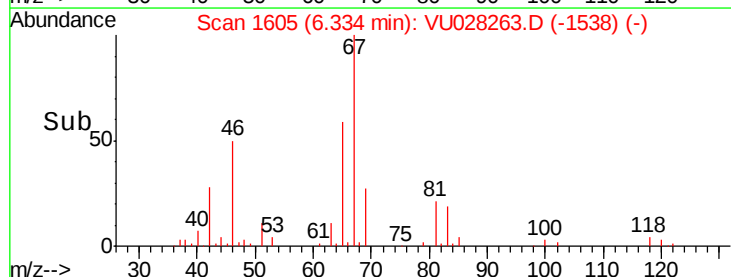
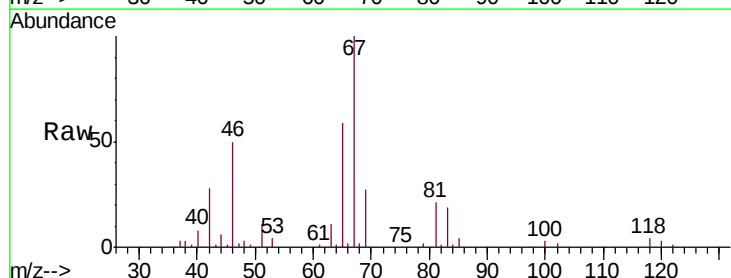
Tgt Ion: 83 Resp: 12430

Ion Ratio Lower Upper

83 100

55 0.0 73.2 109.8#

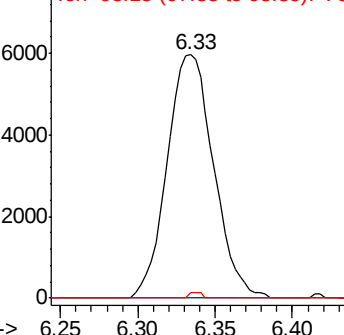
98 0.6 33.4 50.2#

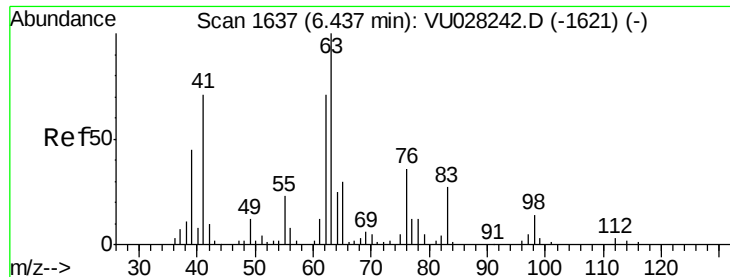


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

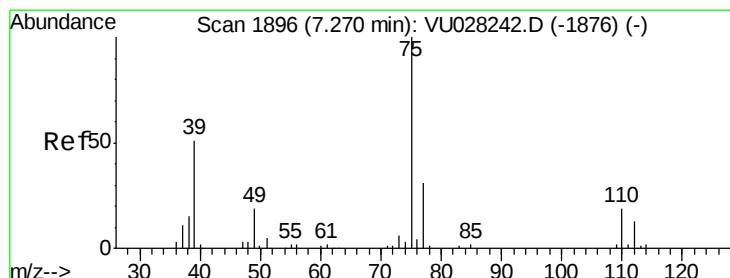
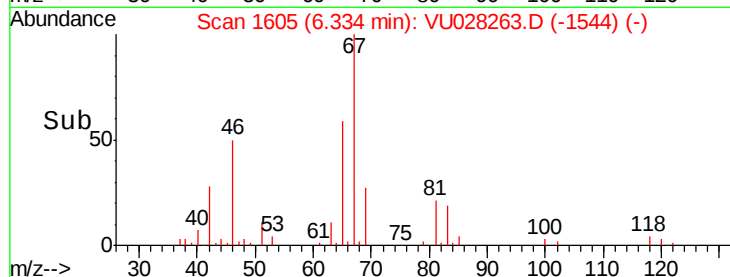
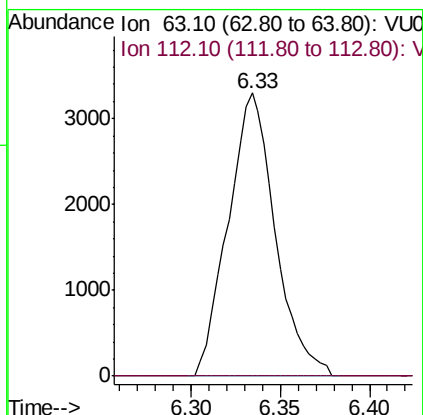
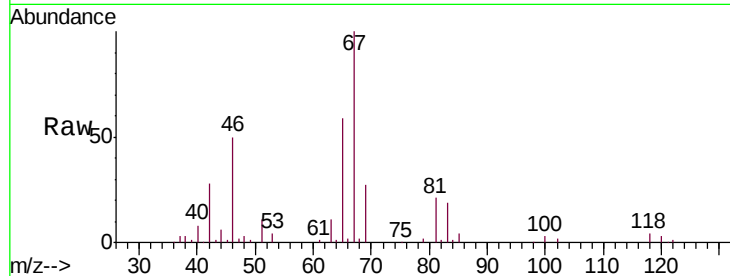




#37
 1,2-Dichloropropane
 Concen: 0.538 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028263.D
 Acq: 19 Nov 2018 18:25

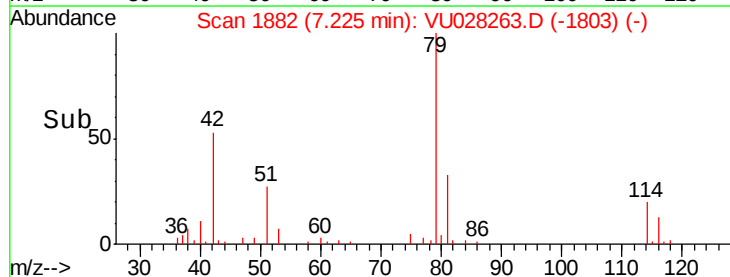
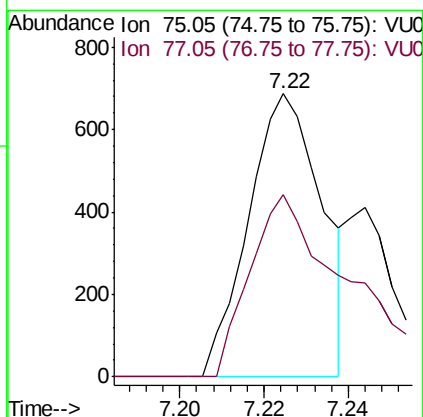
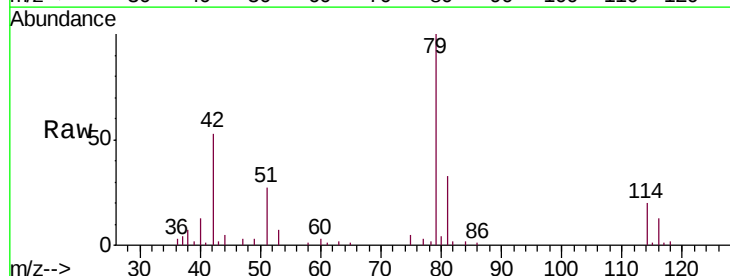
Instrument :
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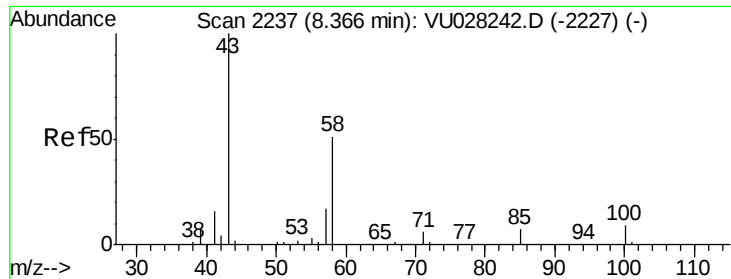
Tgt Ion: 63 Resp: 6063
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028263.D
 Acq: 19 Nov 2018 18:25

Tgt Ion: 75 Resp: 828
 Ion Ratio Lower Upper
 75 100
 77 64.2 21.7 40.3#

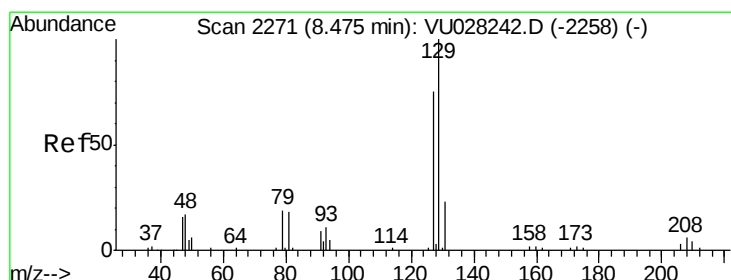
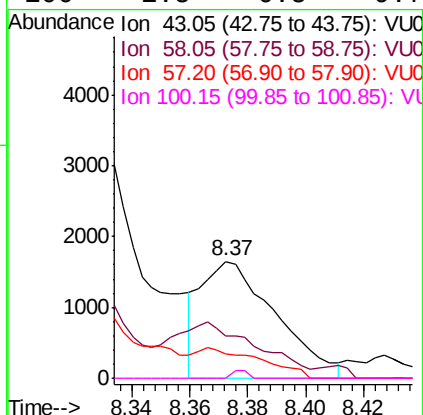
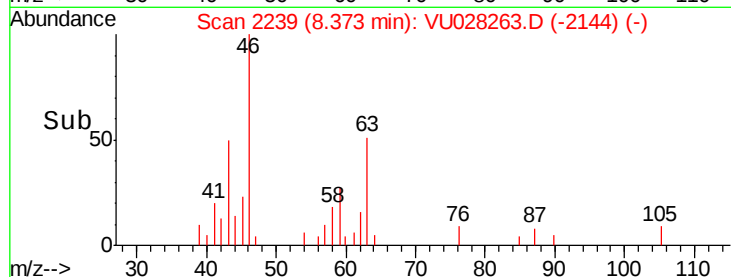
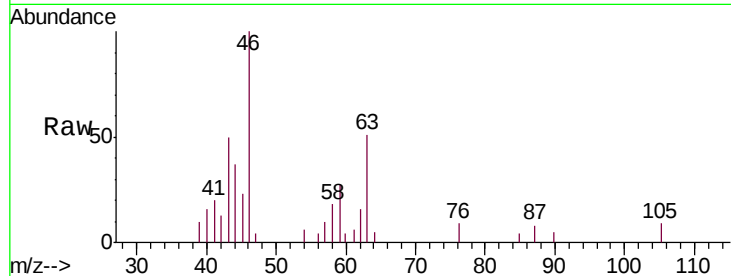




#48
2-Hexanone
Concen: 0.511 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028263.D
Acq: 19 Nov 2018 18:25

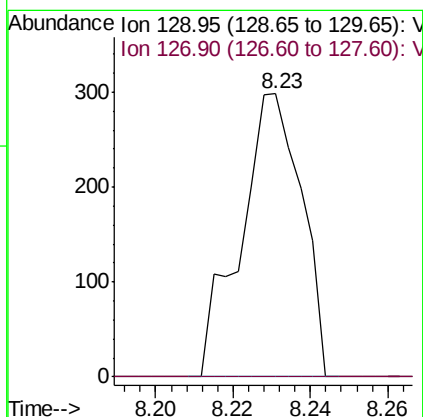
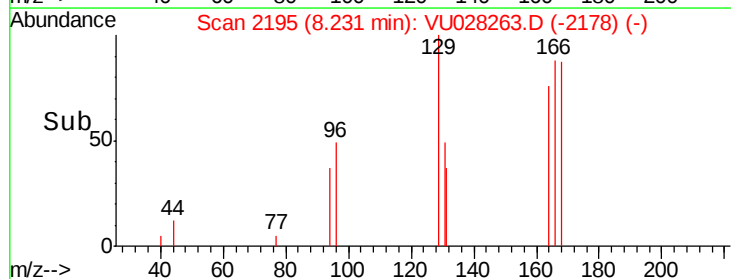
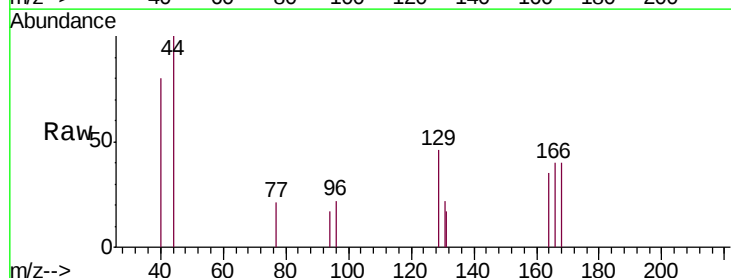
Instrument :
MSVOA_U
ClientSampleId :
H0FH0DL

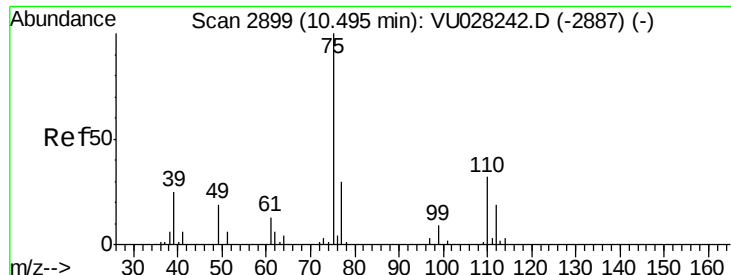
Tgt Ion:	43	Resp:	2937
Ion	Ratio	Lower	Upper
43	100		
58	56.0	41.1	61.7
57	22.4	13.8	20.8#
100	1.5	6.5	9.7#



#49
Dibromochloromethane
Concen: 0.048 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.24 min
Lab File: VU028263.D
Acq: 19 Nov 2018 18:25

Tgt Ion:	129	Resp:	329
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59

1,2,3-Trichloropropane

Concen: 1.101 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028263.D

Acq: 19 Nov 2018 18:25

Instrument :

MSVOA_U

ClientSampleId :

H0FH0DL

Tgt Ion: 75 Resp: 7172

Ion Ratio Lower Upper

75 100

77 35.8 25.7 38.5

