

Data File : VU028261.D
Acq On : 19 Nov 2018 17:38
Operator : MD/SY
Sample : J5986-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Quant Time: Nov 20 07:13:07 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	129806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	121984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54811	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41963	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	38072	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.28	63	62535	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.19	46	148108	45.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.65	84	78267	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	44855	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.34	84	157534	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	58825	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.57	98	134759	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	16729	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	103560	42.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41458	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	47115	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	6640	0.504	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	409	0.048	ug/L #	29
12) 1,1-Dichloroethene	2.28	96	788	0.099	ug/L #	1
13) Acetone	2.32	43	1371	0.610	ug/L	67
17) Methyl tert-butyl Ether	3.01	73	15927	0.663	ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	2346	0.276	ug/L #	67
19) 1,1-Dichloroethane	3.45	63	1440	0.073	ug/L #	81
22) cis-1,2-Dichloroethene	4.23	96	71820	7.138	ug/L	93
25) Chloroform	4.67	83	3832	0.179	ug/L	90
34) Trichloroethene	6.19	95	14486	1.470	ug/L	92
35) Methylcyclohexane	6.33	83	12438	0.801	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	6329	0.551	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	960	0.066	ug/L #	19
47) Tetrachloroethene	8.23	164	581	0.085	ug/L #	73
48) 2-Hexanone	8.36	43	2491	0.426	ug/L #	80
49) Dibromochloromethane	8.23	129	430	0.061	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7565	1.140	ug/L	95

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

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

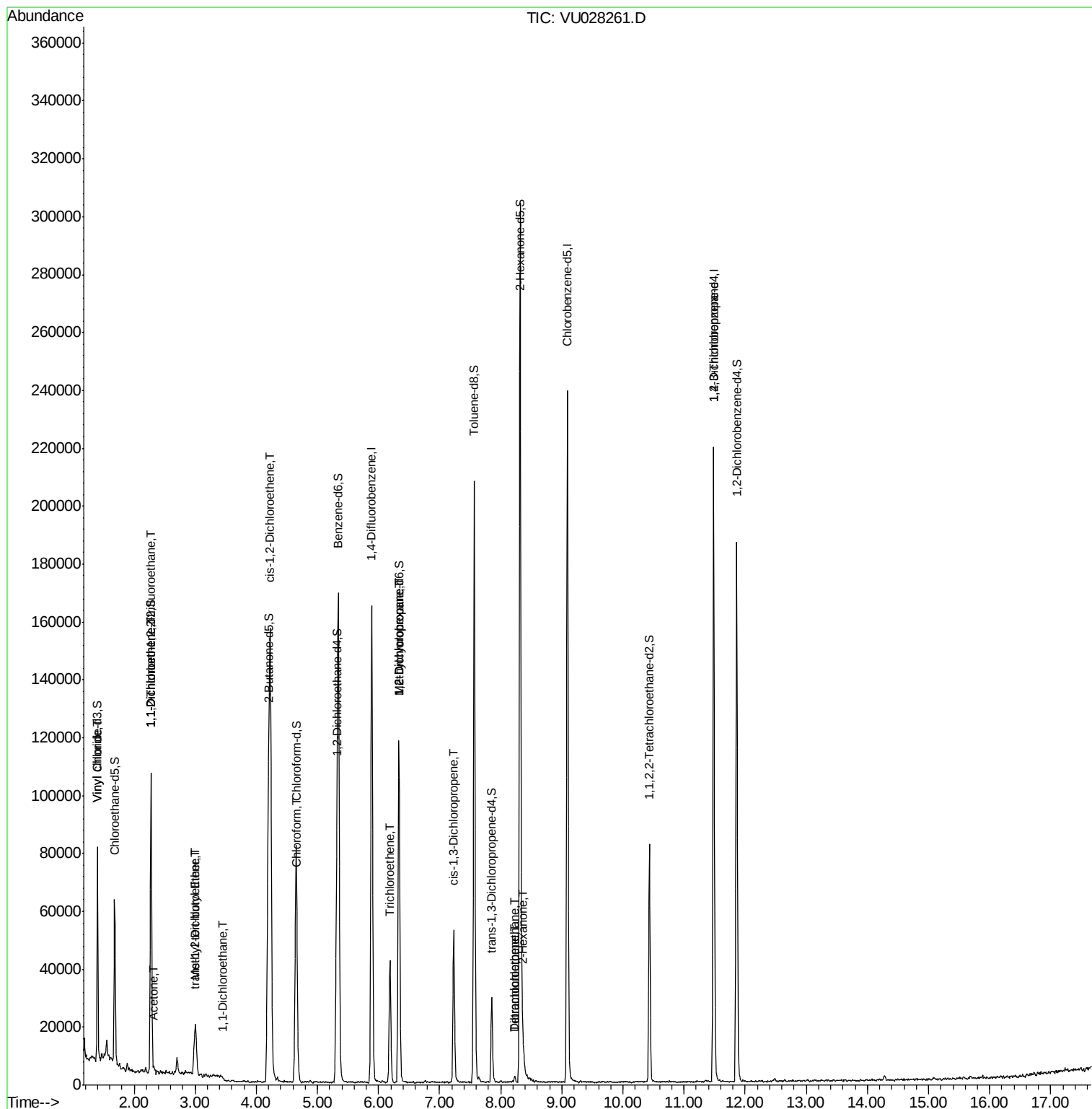
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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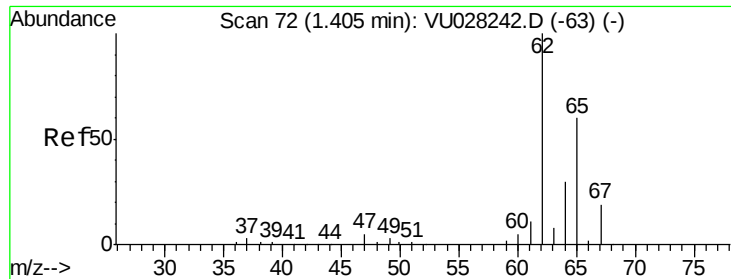
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QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.504 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028261.D

Acq: 19 Nov 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

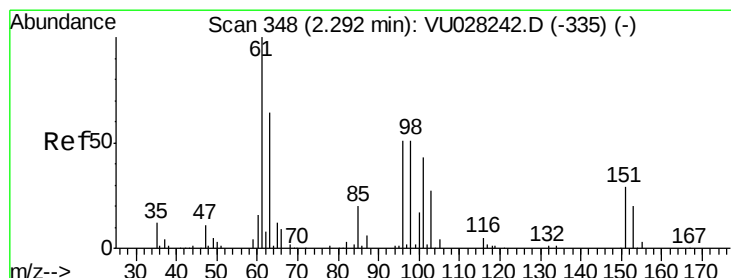
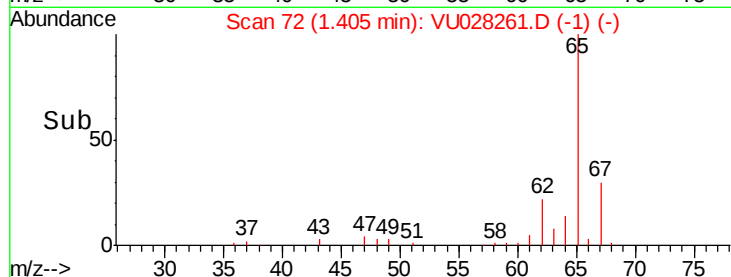
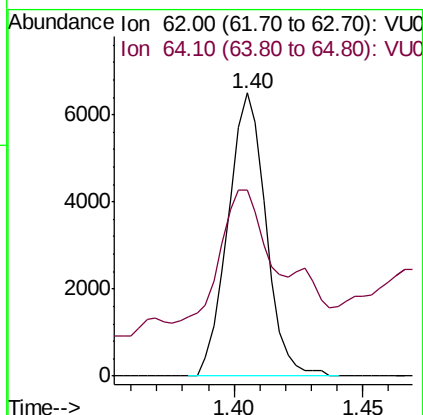
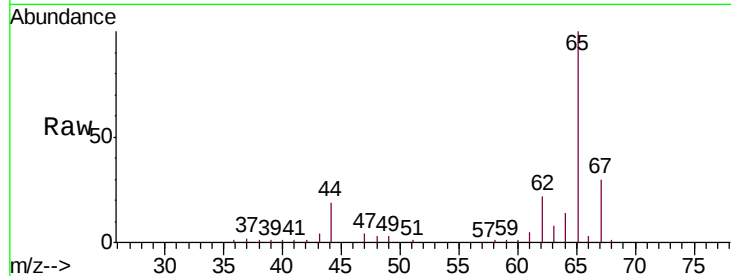
H0FJ6DL

Tgt Ion: 62 Resp: 6640

Ion Ratio Lower Upper

62 100

64 65.5 21.7 40.3#



#10

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

Concen: 0.048 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028261.D

Acq: 19 Nov 2018 17:38

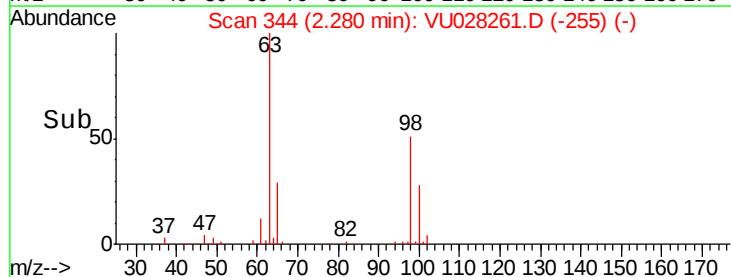
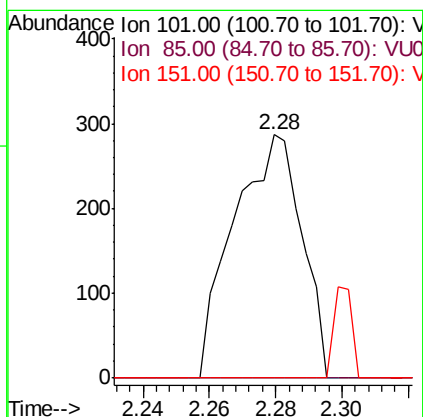
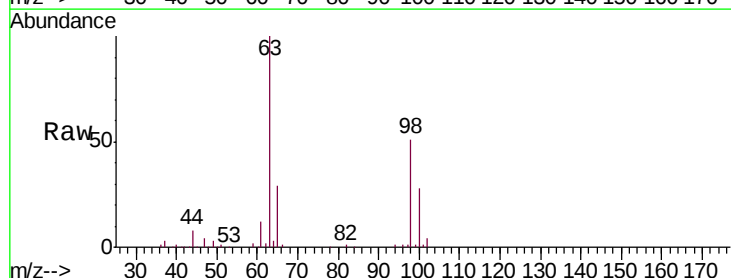
Tgt Ion: 101 Resp: 409

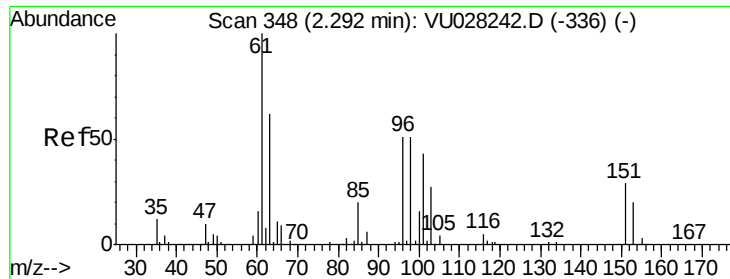
Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

151 10.0 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028261.D

Acq: 19 Nov 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

H0FJ6DL

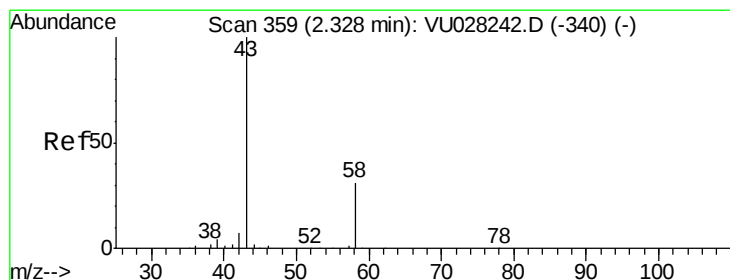
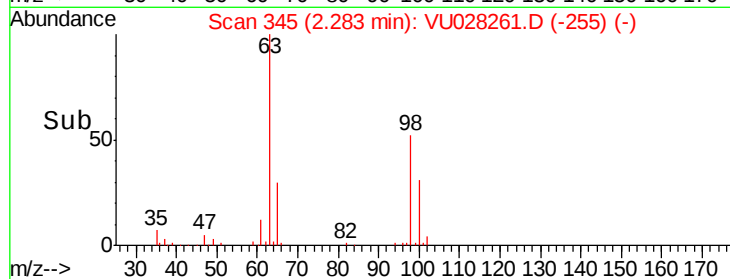
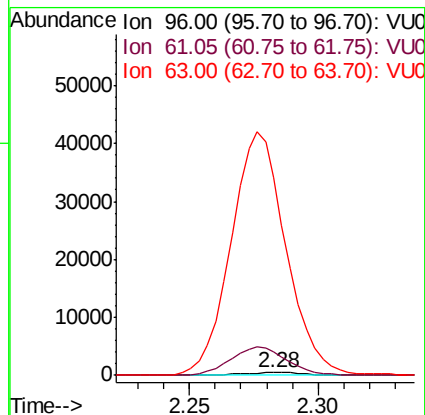
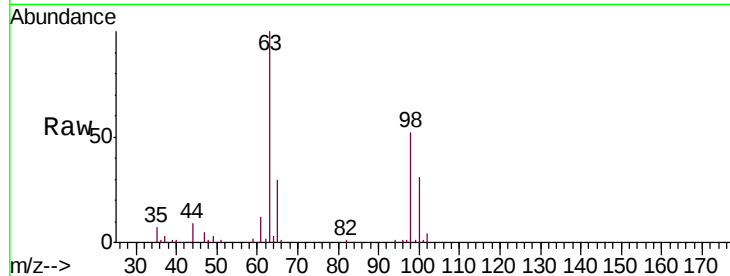
Tgt Ion: 96 Resp: 788

Ion Ratio Lower Upper

96 100

61 825.9 145.5 270.1#

63 6892.3 98.6 183.2#



#13

Acetone

Concen: 0.610 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.01 min

Lab File: VU028261.D

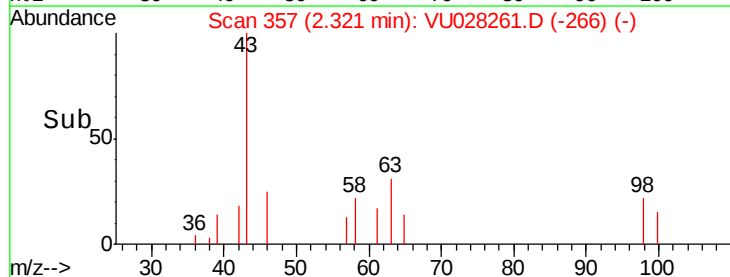
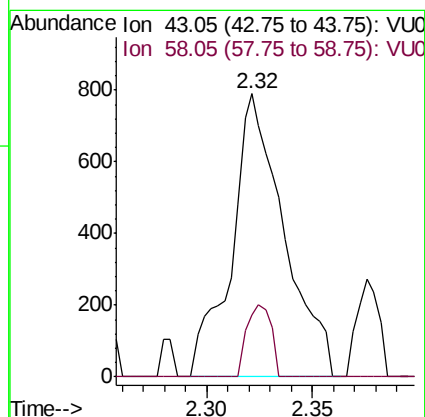
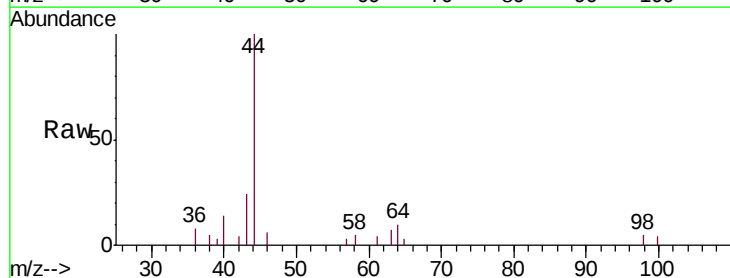
Acq: 19 Nov 2018 17:38

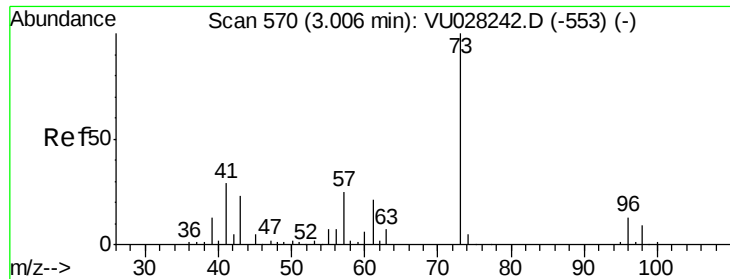
Tgt Ion: 43 Resp: 1371

Ion Ratio Lower Upper

43 100

58 11.6 0.0 58.6

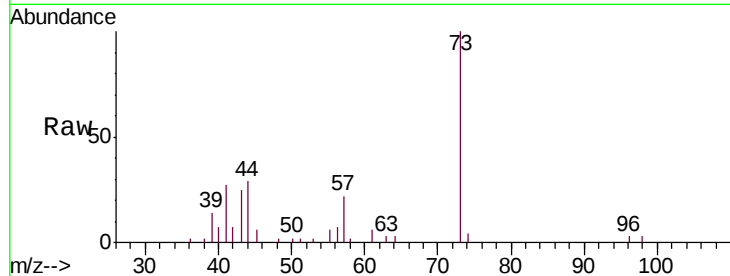




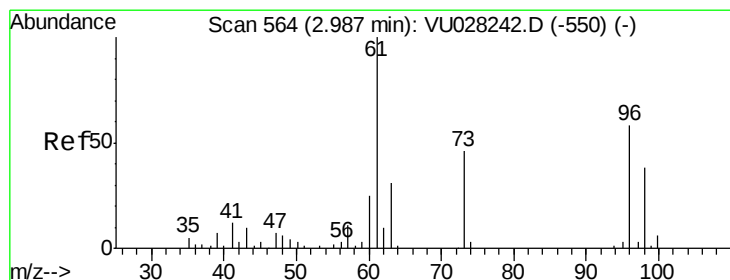
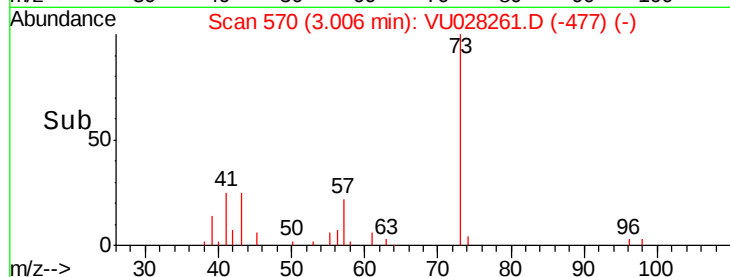
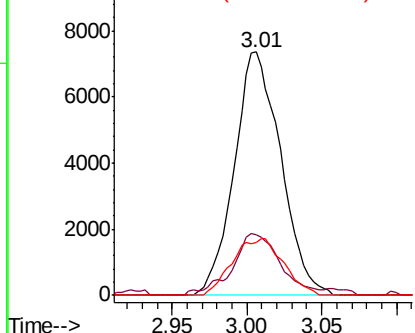
#17
Methyl tert-butyl Ether
Concen: 0.663 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028261.D
Acq: 19 Nov 2018 17:38

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Tgt Ion: 73 Resp: 15927
Ion Ratio Lower Upper
73 100
43 26.4 18.8 28.2
57 25.6 19.2 28.8

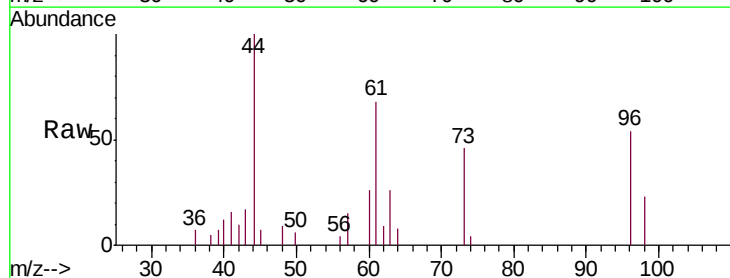


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

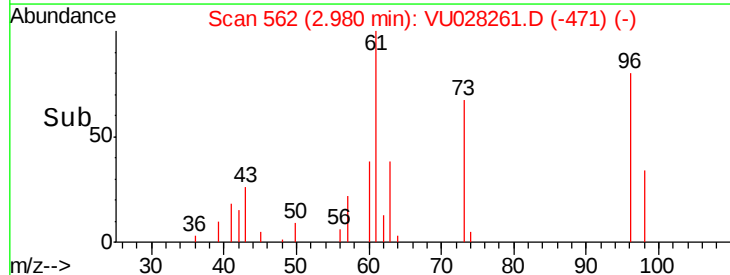
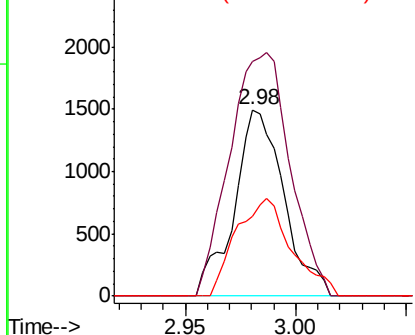


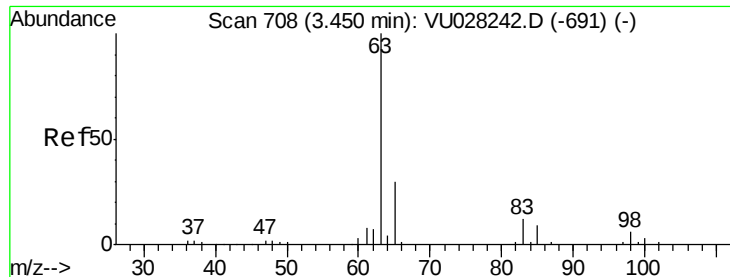
#18
trans-1,2-Dichloroethene
Concen: 0.276 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.01 min
Lab File: VU028261.D
Acq: 19 Nov 2018 17:38

Tgt Ion: 96 Resp: 2346
Ion Ratio Lower Upper
96 100
61 125.7 122.2 227.0
98 43.0 44.9 83.5#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

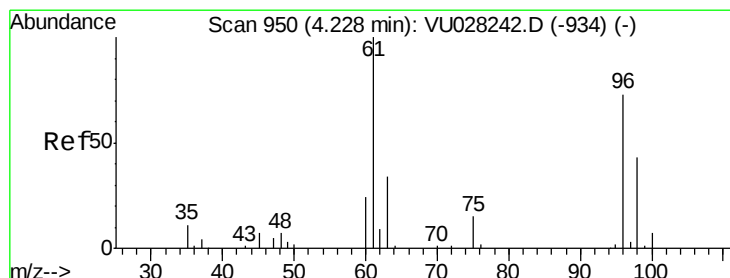
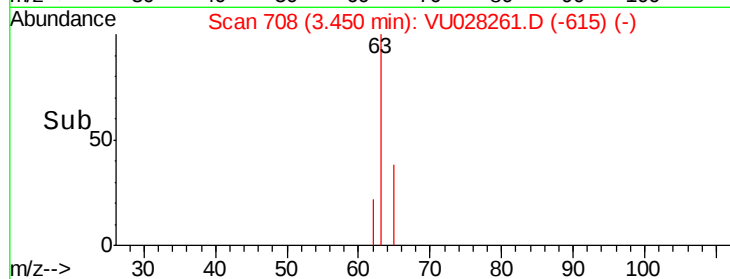
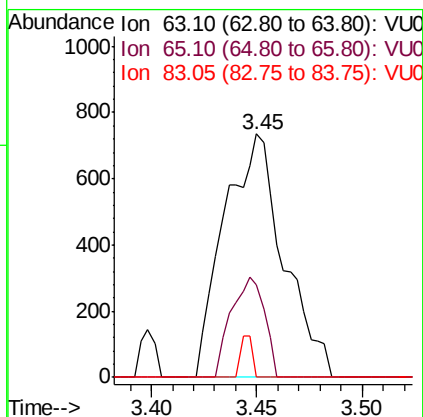
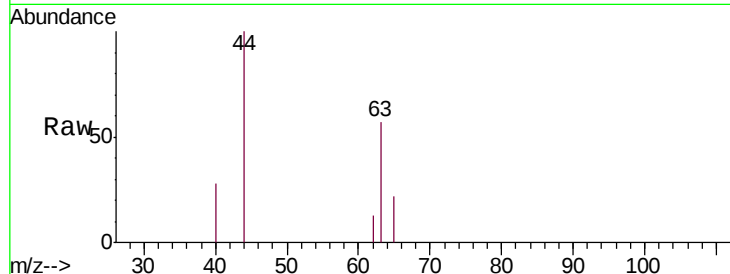




#19
 1,1-Dichloroethane
 Concen: 0.073 ug/L
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU028261.D
 Acq: 19 Nov 2018 17:38

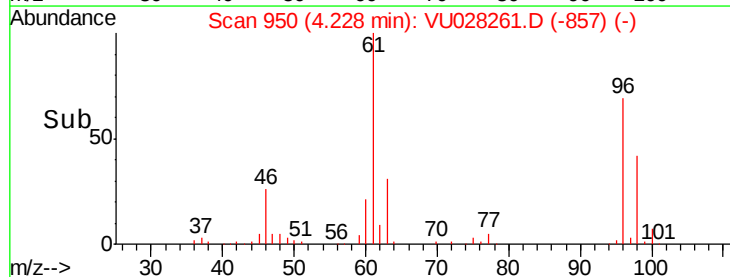
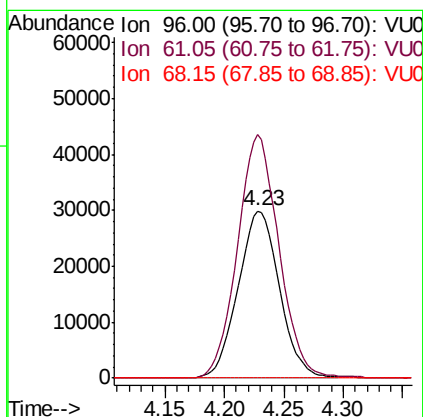
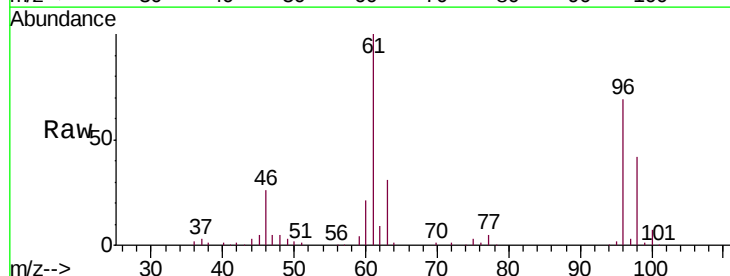
Instrument :
 MSVOA_U
 ClientSampleId :
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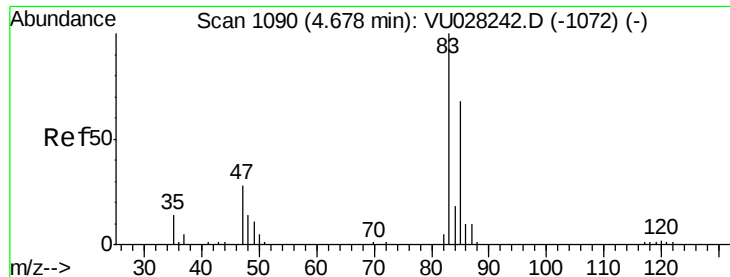
Tgt Ion: 63 Resp: 1440
 Ion Ratio Lower Upper
 63 100
 65 38.0 21.2 39.4
 83 0.0 8.8 16.4#



#22
 cis-1,2-Dichloroethene
 Concen: 7.138 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028261.D
 Acq: 19 Nov 2018 17:38

Tgt Ion: 96 Resp: 71820
 Ion Ratio Lower Upper
 96 100
 61 145.9 108.0 200.6
 68 0.0 0.0 0.0

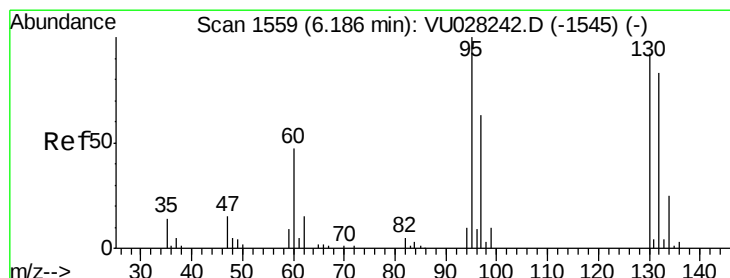
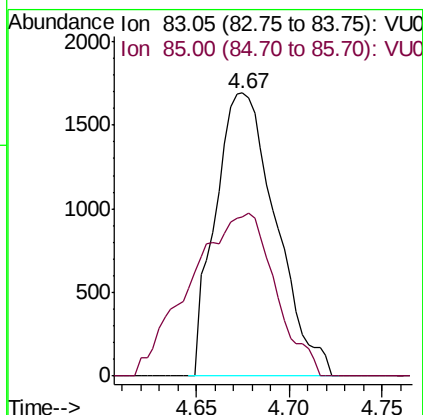
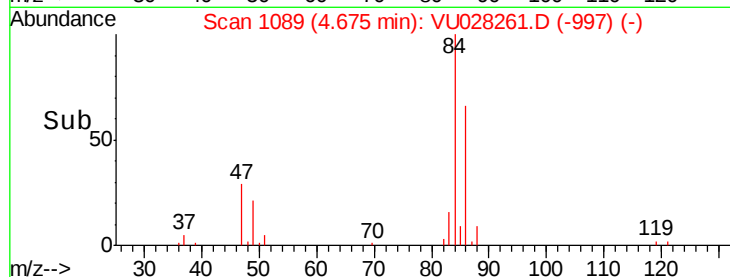
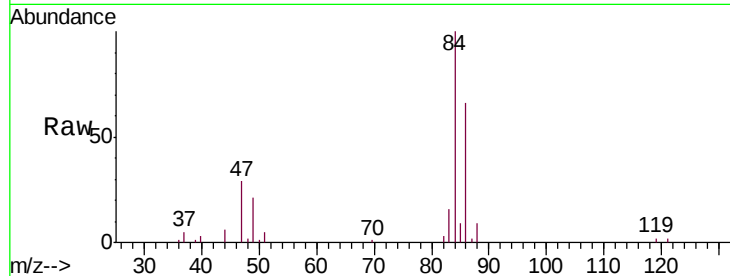




#25
Chloroform
Concen: 0.179 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028261.D
Acq: 19 Nov 2018 17:38

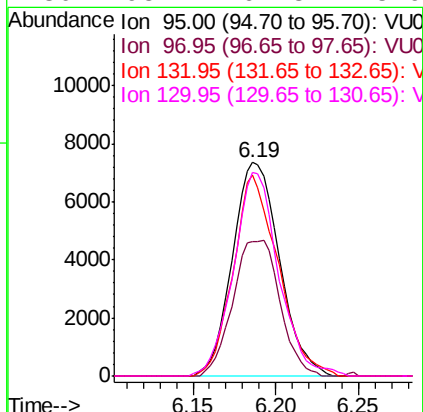
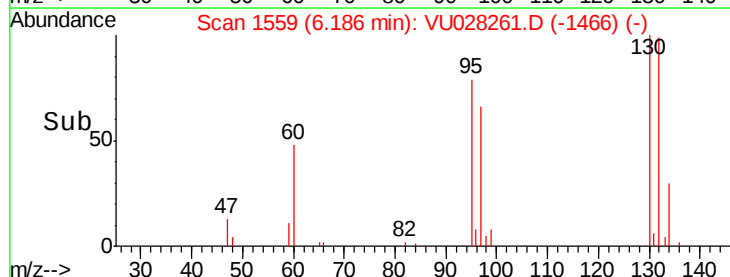
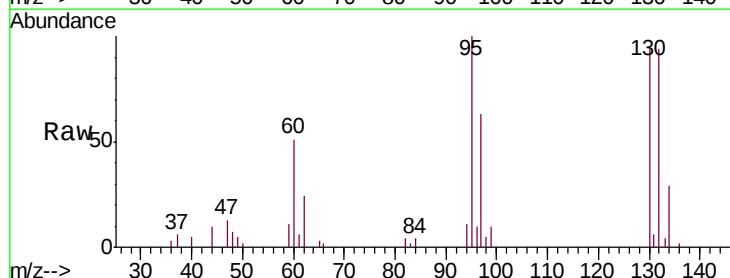
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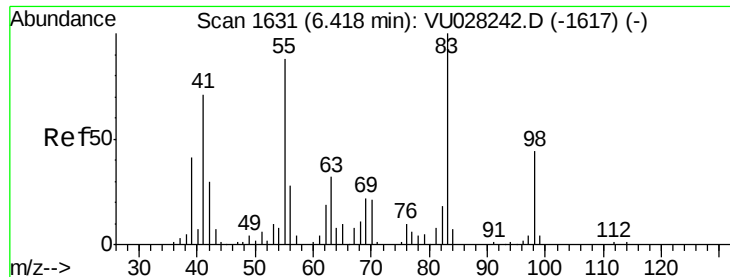
Tgt Ion: 83 Resp: 3832
Ion Ratio Lower Upper
83 100
85 56.2 44.6 82.8



#34
Trichloroethene
Concen: 1.470 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028261.D
Acq: 19 Nov 2018 17:38

Tgt Ion: 95 Resp: 14486
Ion Ratio Lower Upper
95 100
97 62.7 46.5 86.3
132 93.9 58.9 109.3
130 95.1 61.3 113.9





#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028261.D

Acq: 19 Nov 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

H0FJ6DL

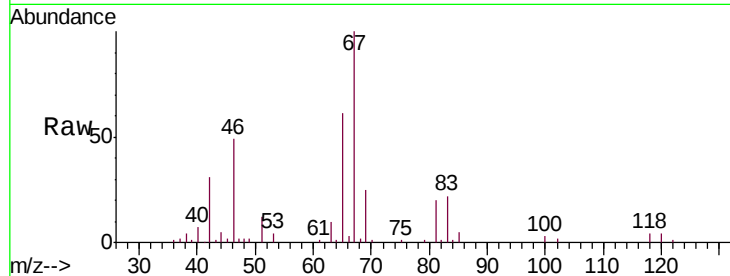
Tgt Ion: 83 Resp: 12438

Ion Ratio Lower Upper

83 100

55 0.0 73.2 109.8#

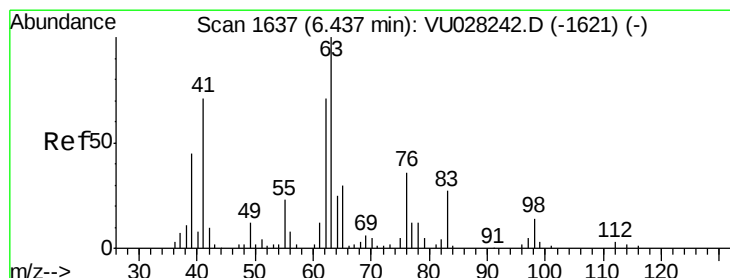
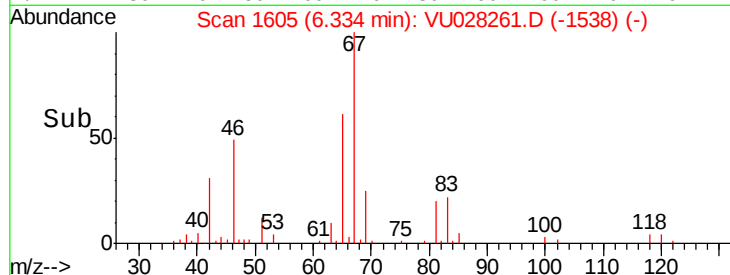
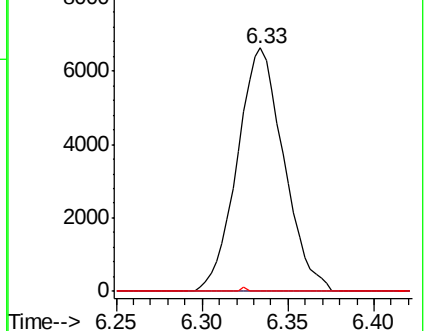
98 0.2 33.4 50.2#



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: 0.551 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU028261.D

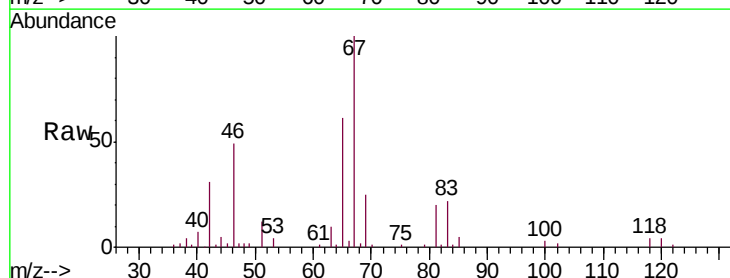
Acq: 19 Nov 2018 17:38

Tgt Ion: 63 Resp: 6329

Ion Ratio Lower Upper

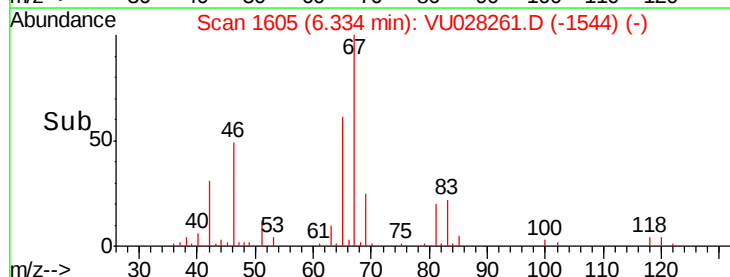
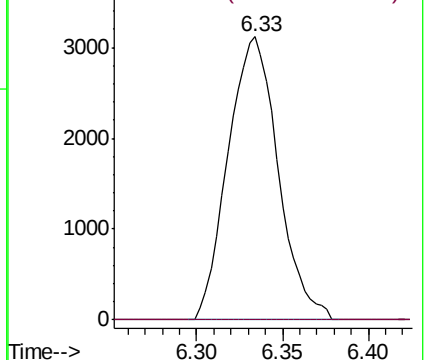
63 100

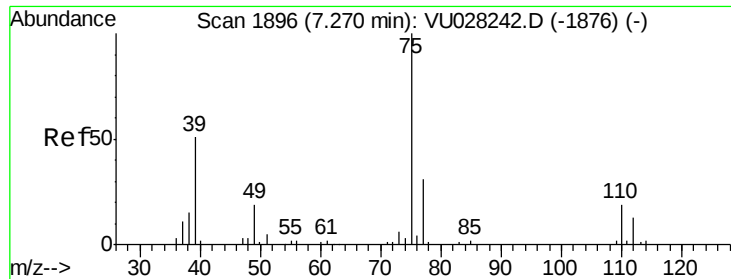
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

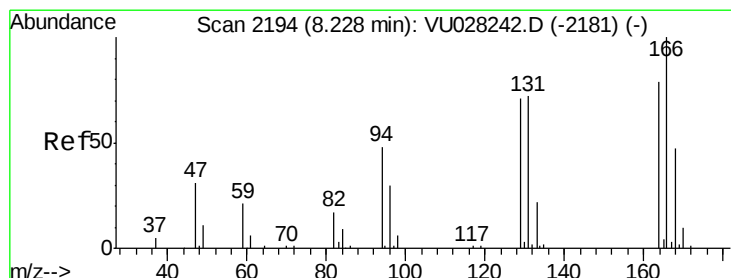
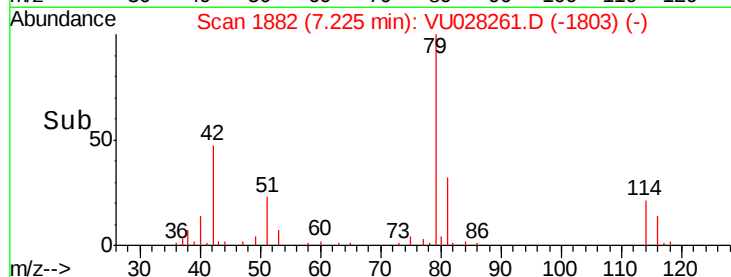
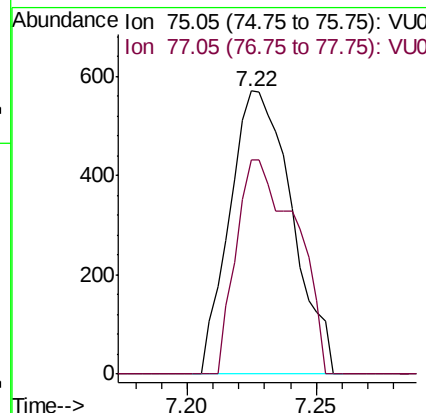
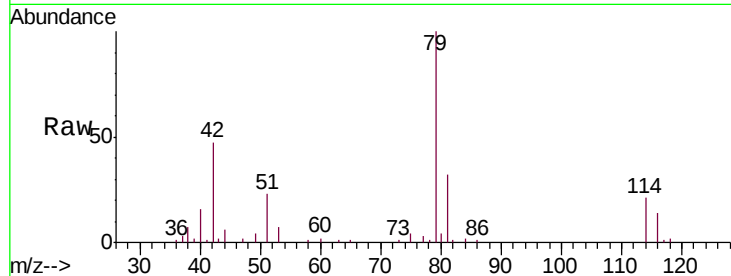




#39
 cis-1,3-Dichloropropene
 Concen: 0.066 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028261.D
 Acq: 19 Nov 2018 17:38

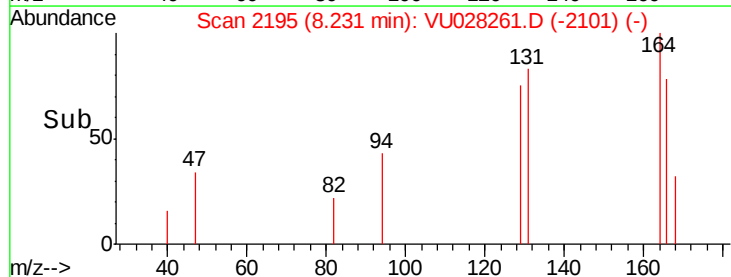
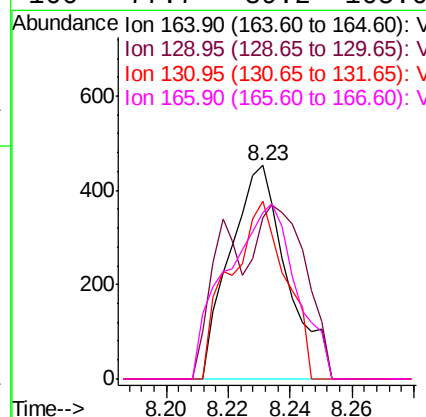
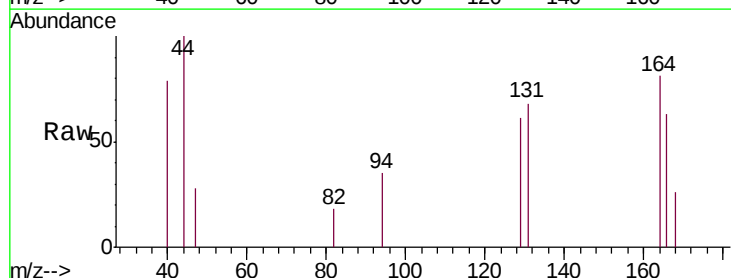
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ6DL

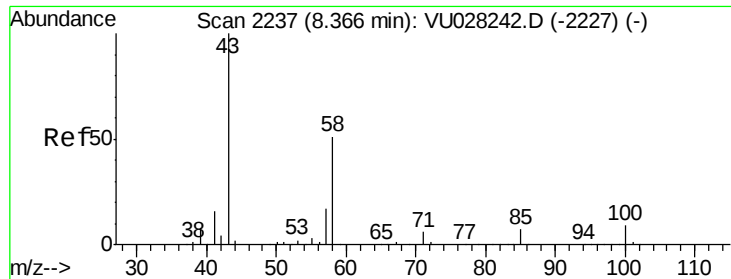
Tgt Ion: 75 Resp: 960
 Ion Ratio Lower Upper
 75 100
 77 75.5 21.7 40.3#



#47
 Tetrachloroethene
 Concen: 0.085 ug/L
 RT: 8.23 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VU028261.D
 Acq: 19 Nov 2018 17:38

Tgt Ion: 164 Resp: 581
 Ion Ratio Lower Upper
 164 100
 129 75.3 67.6 125.6
 131 83.2 66.3 123.1
 166 77.7 89.2 165.6#

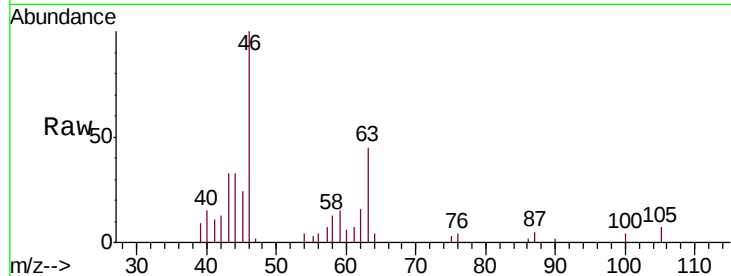




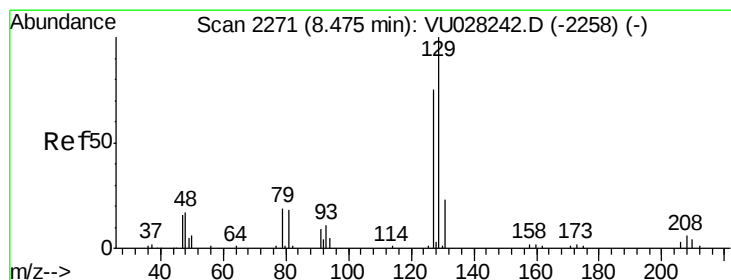
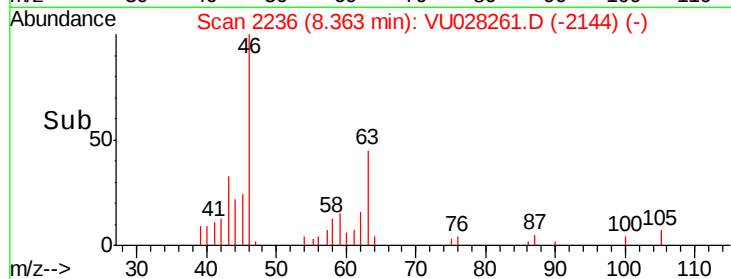
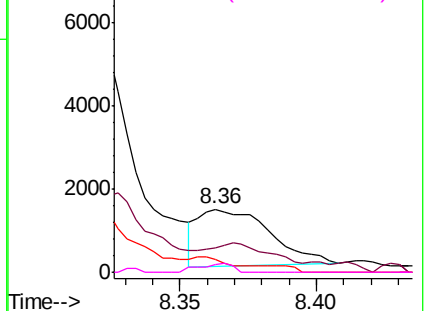
#48
2-Hexanone
Concen: 0.426 ug/L
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU028261.D
Acq: 19 Nov 2018 17:38

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Tgt Ion:	43	Resp:	2491
Ion	Ratio	Lower	Upper
43	100		
58	33.3	41.1	61.7#
57	12.0	13.8	20.8#
100	7.0	6.5	9.7

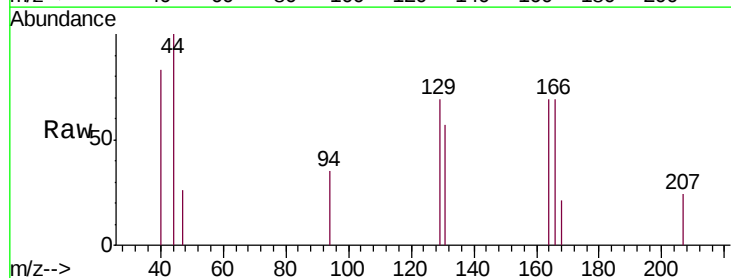


Abundance Ion 43.05 (42.75 to 43.75): VU028242.D (-2227) (-)
Ion 58.05 (57.75 to 58.75): VU028242.D (-2227) (-)
Ion 57.20 (56.90 to 57.90): VU028242.D (-2227) (-)
Ion 100.15 (99.85 to 100.85): VU028242.D (-2227) (-)

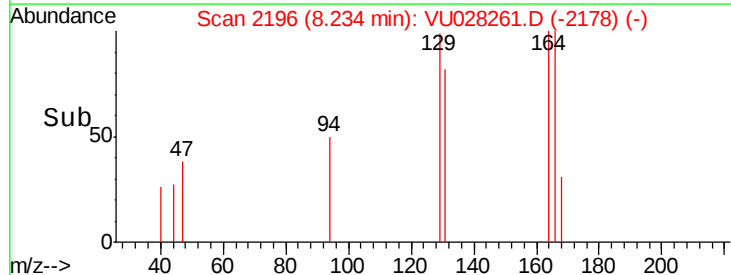
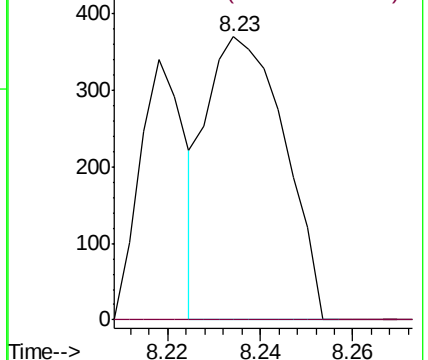


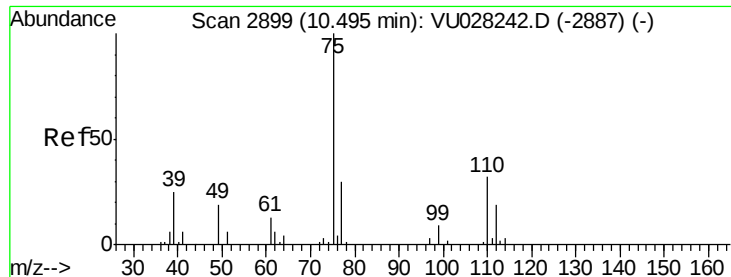
#49
Dibromochloromethane
Concen: 0.061 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028261.D
Acq: 19 Nov 2018 17:38

Tgt Ion:	129	Resp:	430
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#



Abundance Ion 128.95 (128.65 to 129.65): VU028242.D (-2258) (-)
Ion 126.90 (126.60 to 127.60): VU028242.D (-2258) (-)





#59

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028261.D

Acq: 19 Nov 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

H0FJ6DL

Tgt Ion: 75 Resp: 7565

Ion Ratio Lower Upper

75 100

77 34.8 25.7 38.5

