

Data File : VU028312.D
Acq On : 21 Nov 2018 12:16
Operator : MD/SY
Sample : J6026-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FM0

Quant Time: Nov 21 22:37:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	171068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63772	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.68	69	50364	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	94497	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.19	46	184952	42.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.86%
24) Chloroform-d	4.65	84	105162	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.31	65	61056	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.34	84	219482	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	81327	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.57	98	189974	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	28095	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.31	63	127945	40.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53712	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	61509	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	19519	1.124 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	649	0.058 ug/L #	21
12) 1,1-Dichloroethene	2.29	96	2668	0.253 ug/L #	1
13) Acetone	2.32	43	1510	0.510 ug/L	90
15) Methyl Acetate	2.62	43	791	0.101 ug/L #	59
17) Methyl tert-butyl Ether	3.01	73	67453	2.132 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	35472	3.162 ug/L	89
19) 1,1-Dichloroethane	3.45	63	10683	0.411 ug/L #	95
22) cis-1,2-Dichloroethene	4.22	96	341764	25.773 ug/L	98
34) Trichloroethene	6.18	95	217432	17.143 ug/L	98
35) Methylcyclohexane	6.33	83	15679	0.785 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8097	0.548 ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	2079	0.111 ug/L #	75
48) 2-Hexanone	8.37	43	3001	0.398 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	10936	1.280 ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Quantitation Report (Not Reviewed)

Data File : VU028312.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FM0

Quant Time: Nov 21 22:37:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

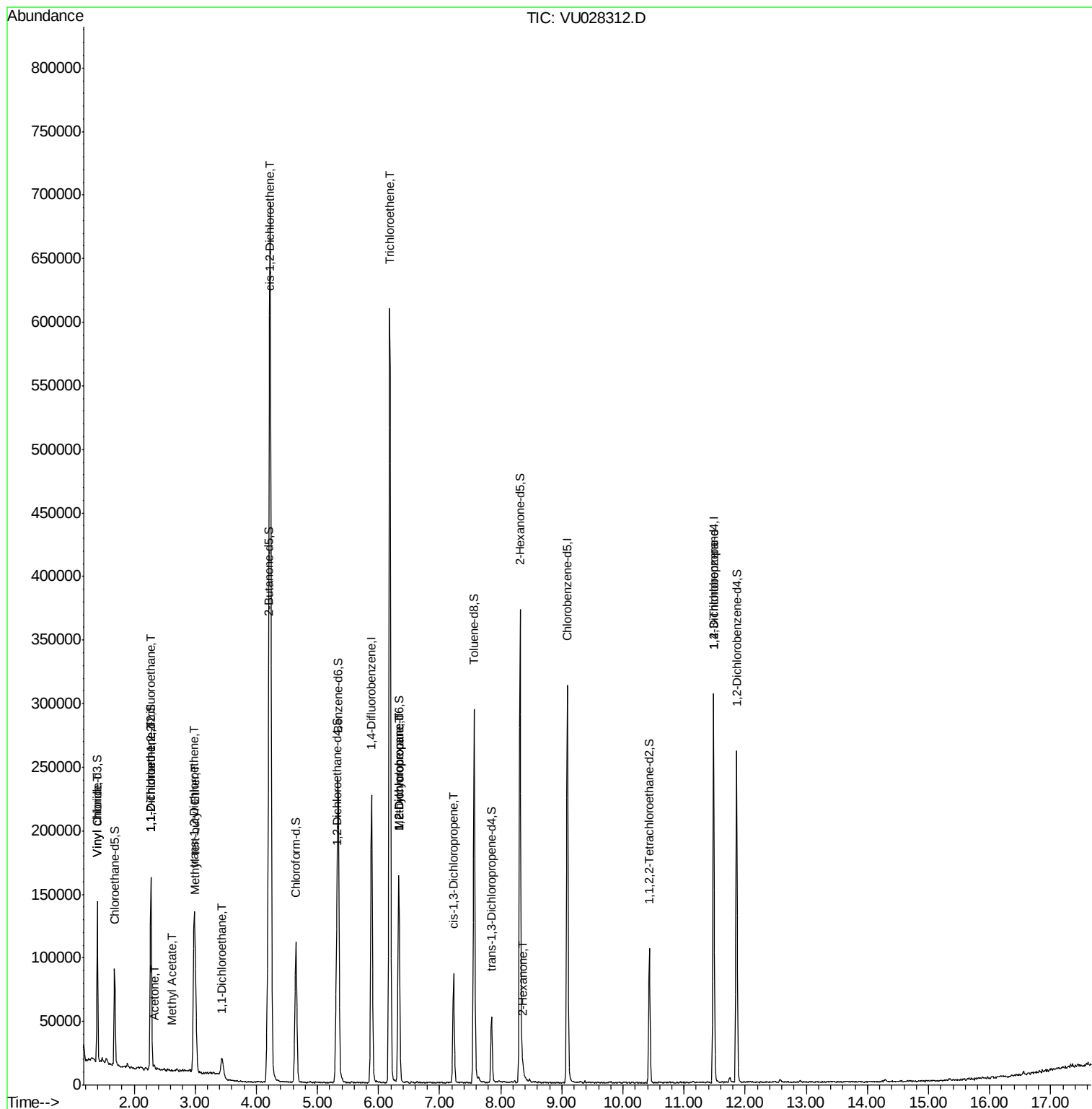
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

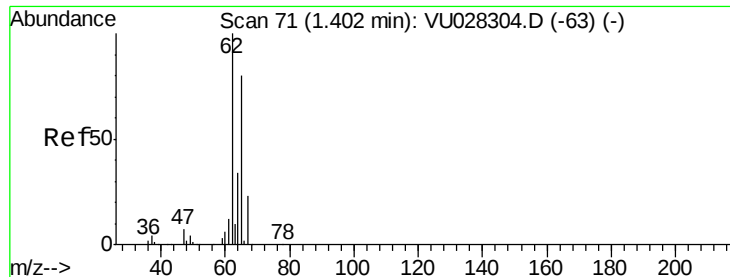
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.124 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028312.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampleId :

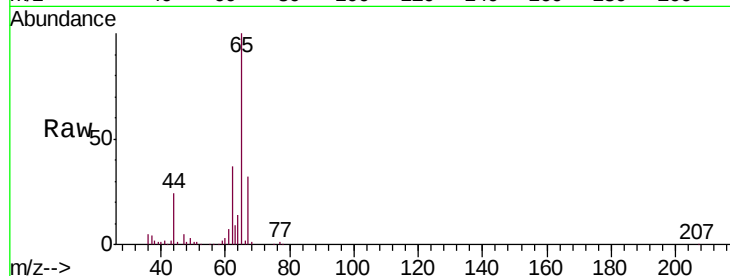
H0FM0

Tgt Ion: 62 Resp: 19519

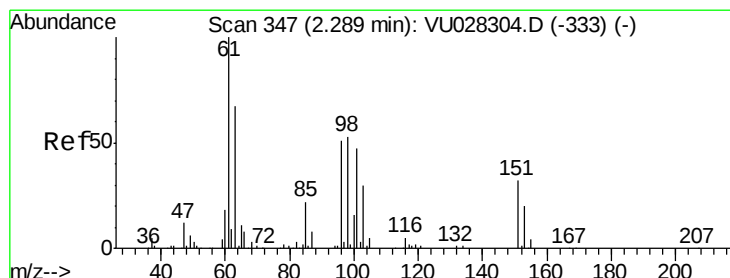
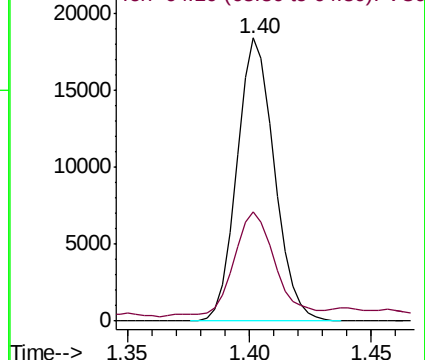
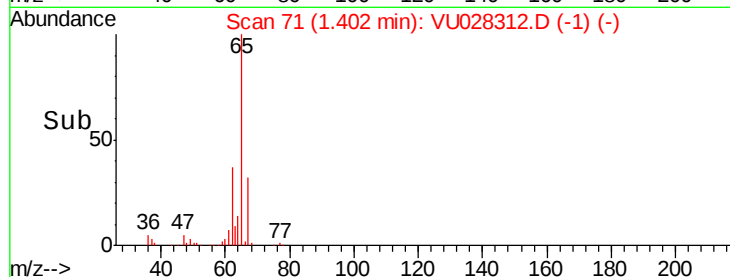
Ion Ratio Lower Upper

62 100

64 38.6 21.7 40.3



Abundance Ion 62.00 (61.70 to 62.70): VU028312.D (-1) (-)



#10

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

Concen: 0.058 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028312.D

Acq: 21 Nov 2018 12:16

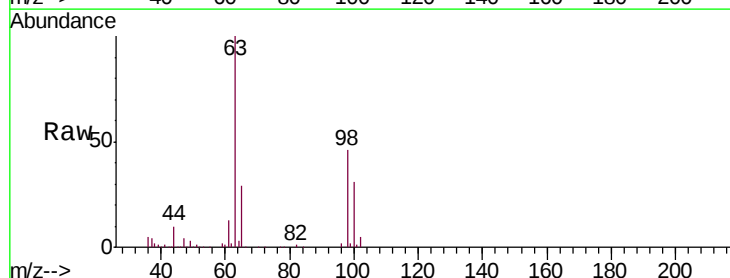
Tgt Ion: 101 Resp: 649

Ion Ratio Lower Upper

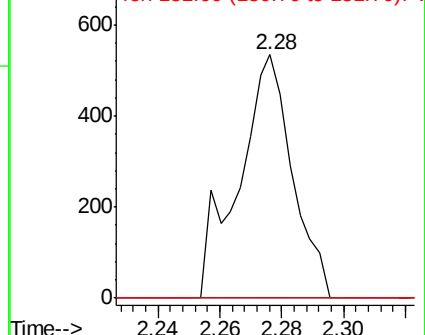
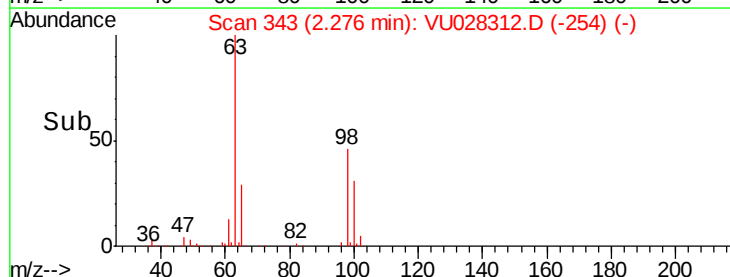
101 100

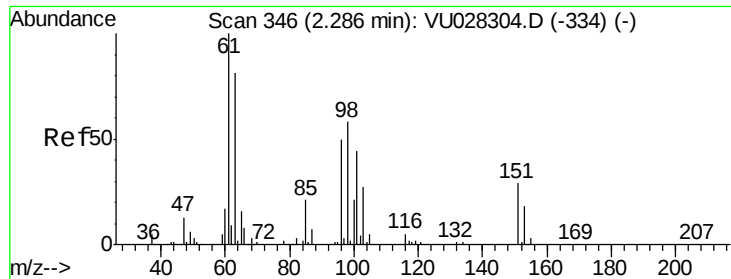
85 0.0 37.4 56.2#

151 0.0 55.0 82.4#



Abundance Ion 101.00 (100.70 to 101.70): VU028312.D (-254) (-)

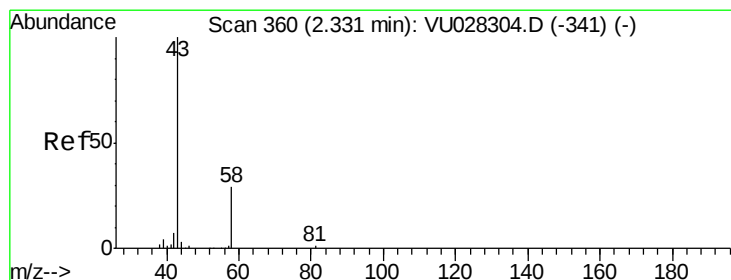
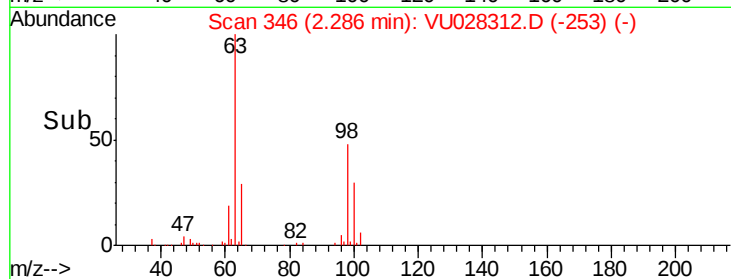
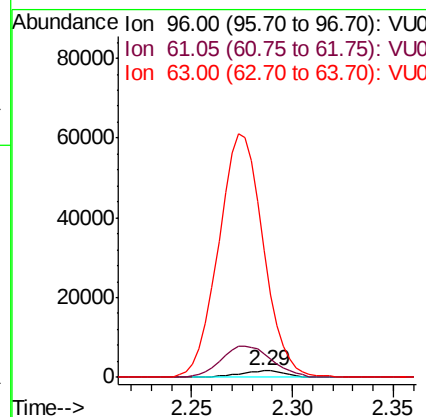
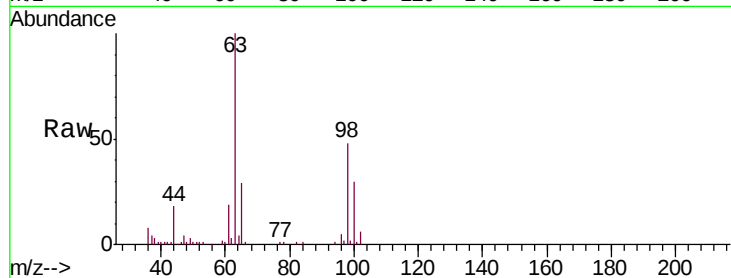




#12
 1,1-Dichloroethene
 Concen: 0.253 ug/L
 RT: 2.29 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU028312.D
 Acq: 21 Nov 2018 12:16

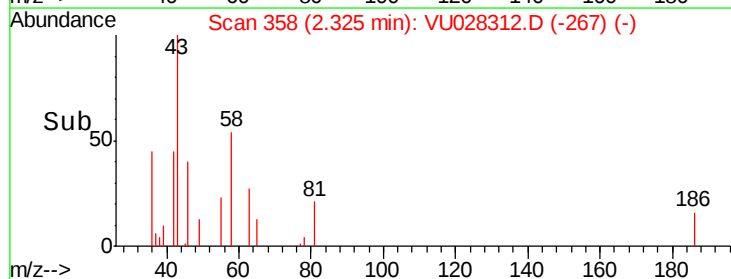
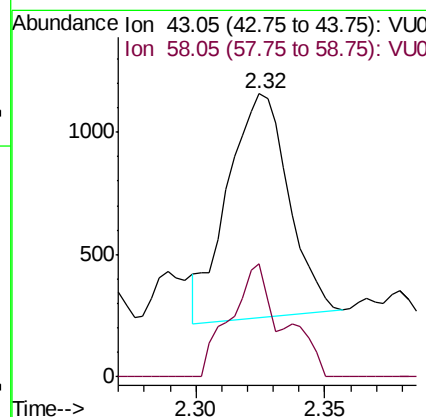
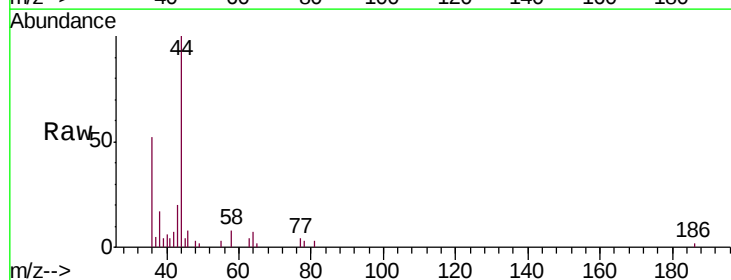
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FM0

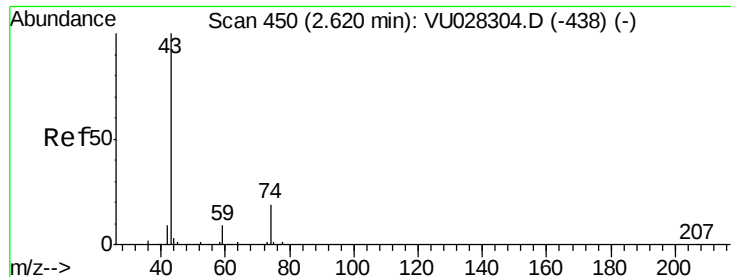
Tgt Ion: 96 Resp: 2668
 Ion Ratio Lower Upper
 96 100
 61 381.4 145.5 270.1#
 63 2046.6 98.6 183.2#



#13
 Acetone
 Concen: 0.510 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. -0.01 min
 Lab File: VU028312.D
 Acq: 21 Nov 2018 12:16

Tgt Ion: 43 Resp: 1510
 Ion Ratio Lower Upper
 43 100
 58 34.8 0.0 58.6





#15

Methyl Acetate

Concen: 0.101 ug/L

RT: 2.62 min Scan# 450

Delta R.T. -0.00 min

Lab File: VU028312.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampleId :

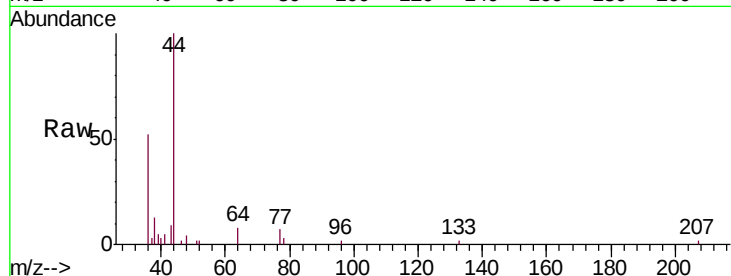
H0FM0

Tgt Ion: 43 Resp: 791

Ion Ratio Lower Upper

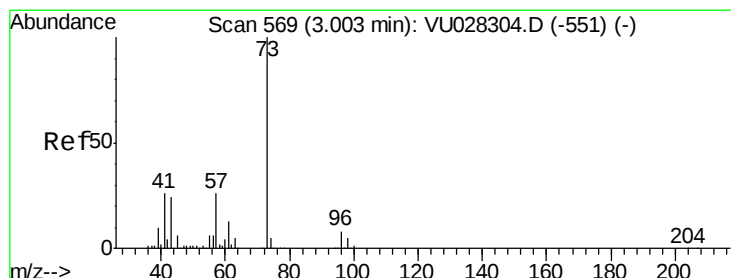
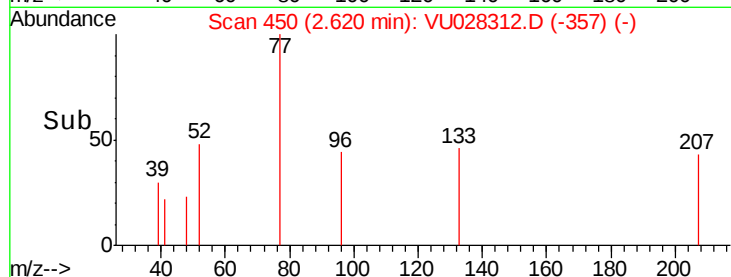
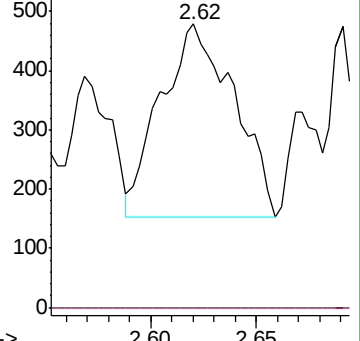
43 100

74 0.0 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#17

Methyl tert-butyl Ether

Concen: 2.132 ug/L

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU028312.D

Acq: 21 Nov 2018 12:16

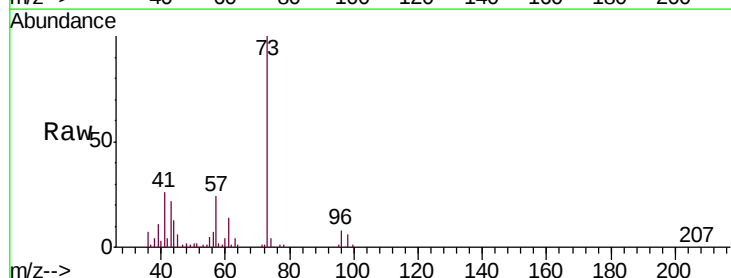
Tgt Ion: 73 Resp: 67453

Ion Ratio Lower Upper

73 100

43 22.8 18.8 28.2

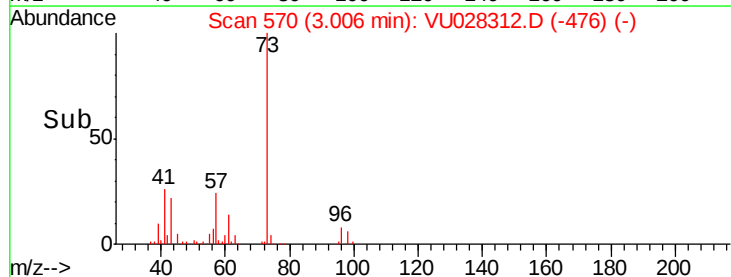
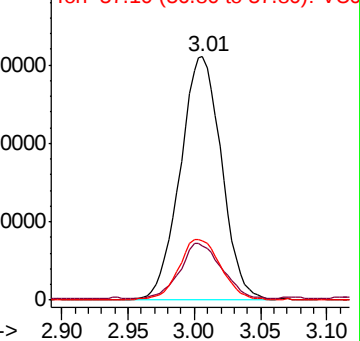
57 25.5 19.2 28.8

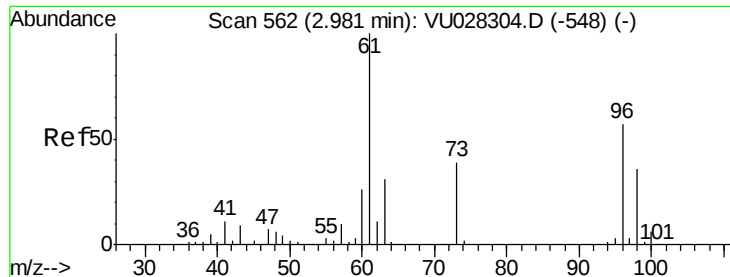


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 3.162 ug/L

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028312.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampled :

H0FM0

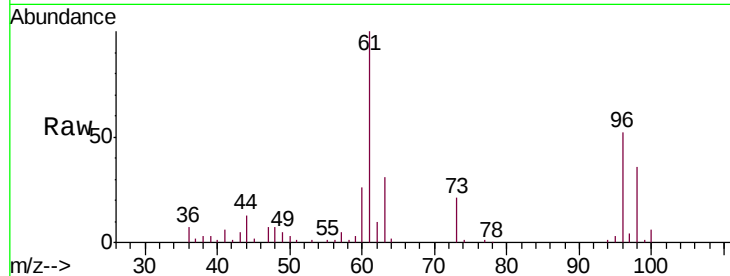
Tgt Ion: 96 Resp: 35472

Ion Ratio Lower Upper

96 100

61 193.0 122.2 227.0

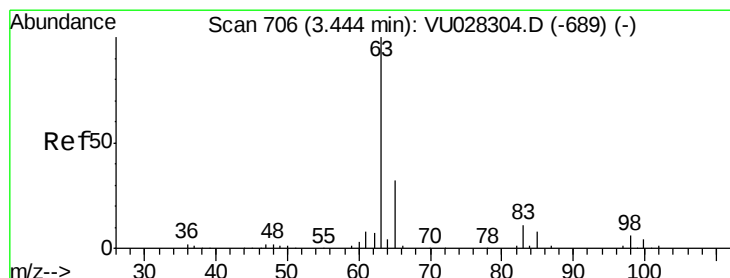
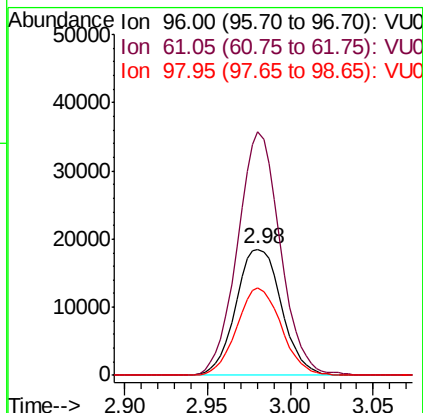
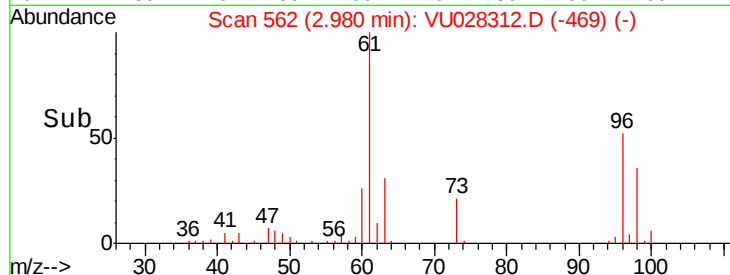
98 69.5 44.9 83.5



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: 0.411 ug/L

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU028312.D

Acq: 21 Nov 2018 12:16

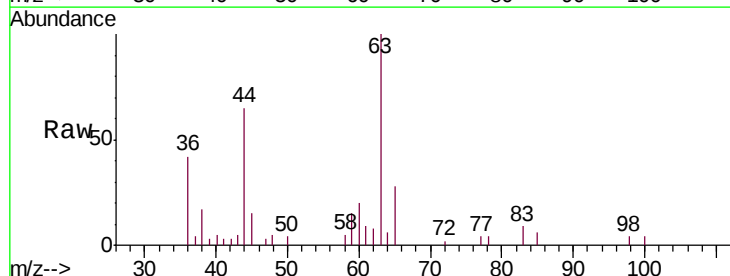
Tgt Ion: 63 Resp: 10683

Ion Ratio Lower Upper

63 100

65 28.3 21.2 39.4

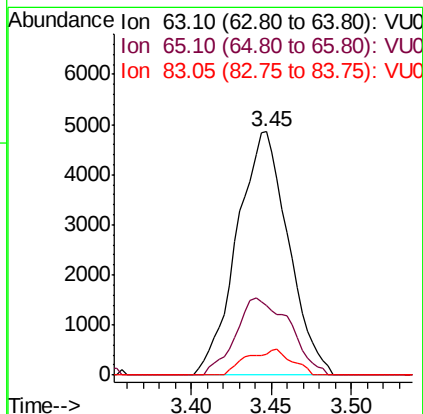
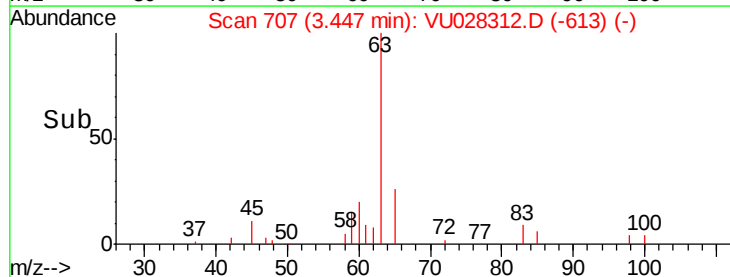
83 8.8 8.8 16.4#

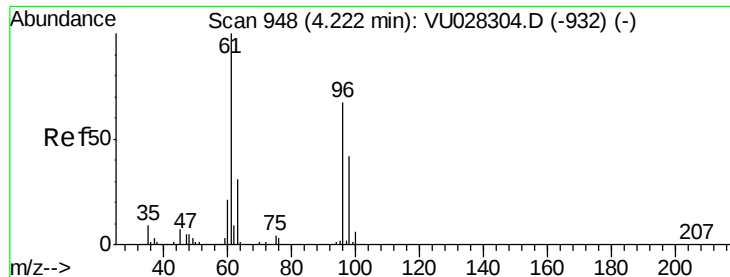


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



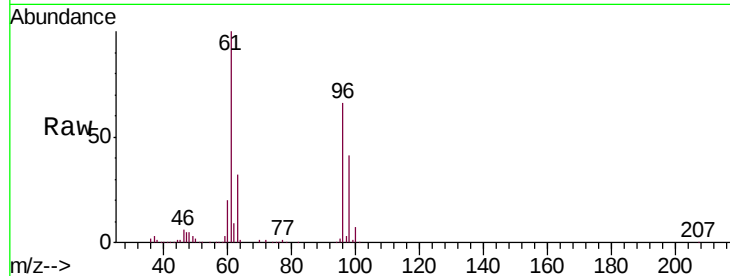


#22

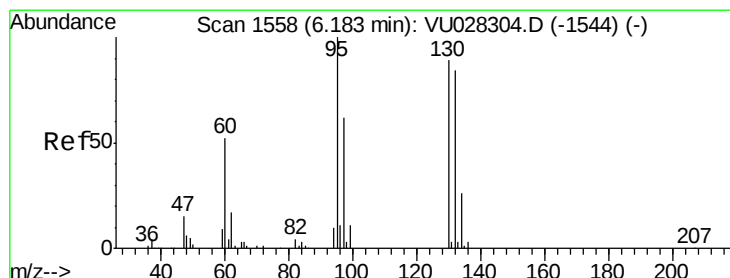
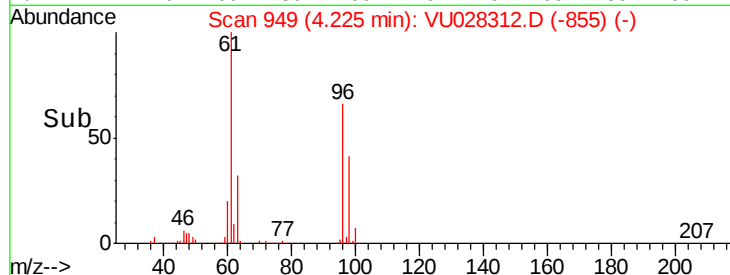
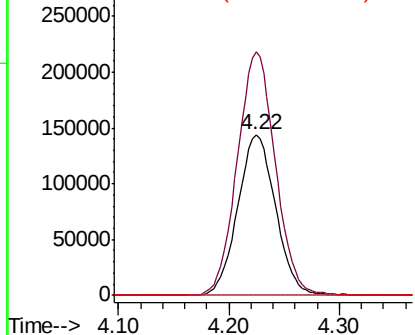
cis-1,2-Dichloroethene
 Concen: 25.773 ug/L
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028312.D
 Acq: 21 Nov 2018 12:16

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FM0

Tgt Ion: 96 Resp: 341764
 Ion Ratio Lower Upper
 96 100
 61 151.5 108.0 200.6
 68 0.0 0.0 0.0



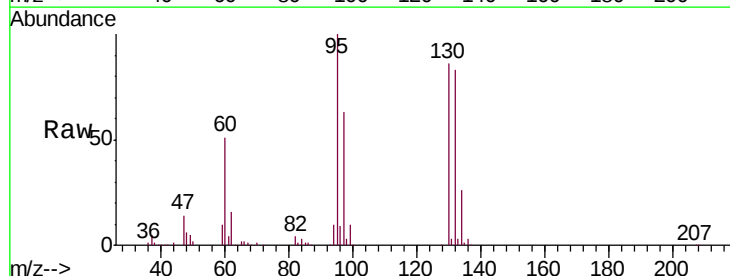
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



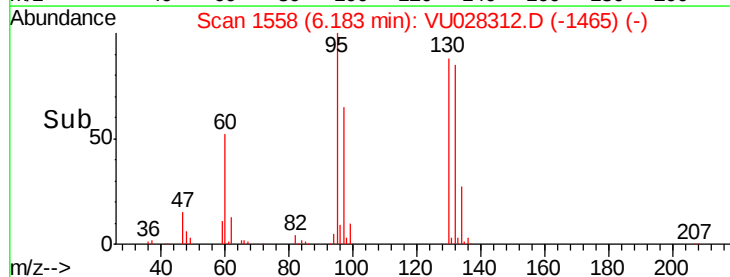
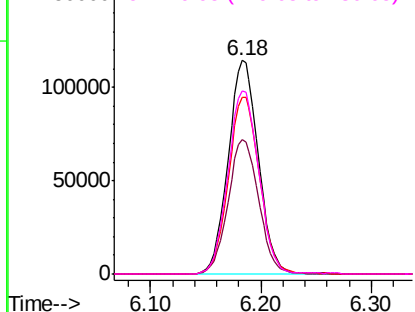
#34

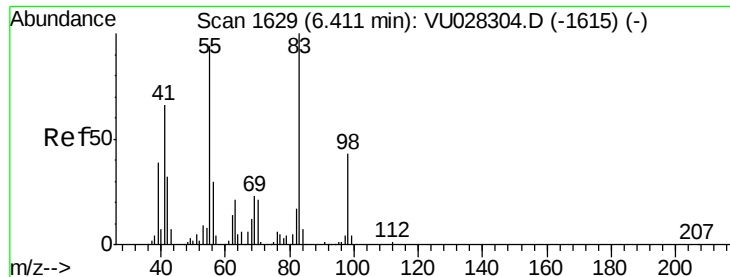
Trichloroethene
 Concen: 17.143 ug/L
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU028312.D
 Acq: 21 Nov 2018 12:16

Tgt Ion: 95 Resp: 217432
 Ion Ratio Lower Upper
 95 100
 97 63.1 46.5 86.3
 132 82.9 58.9 109.3
 130 85.7 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

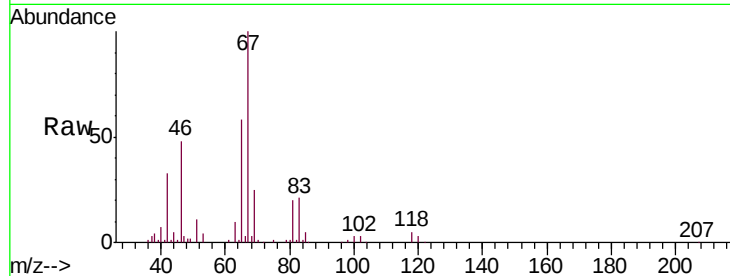




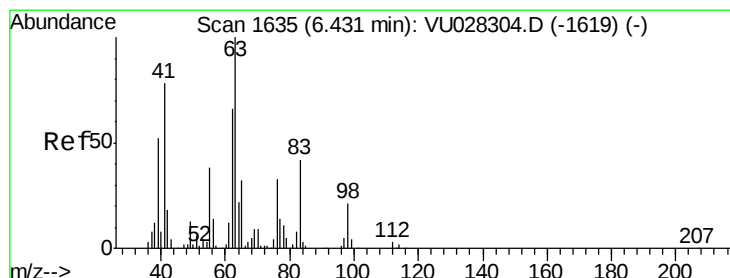
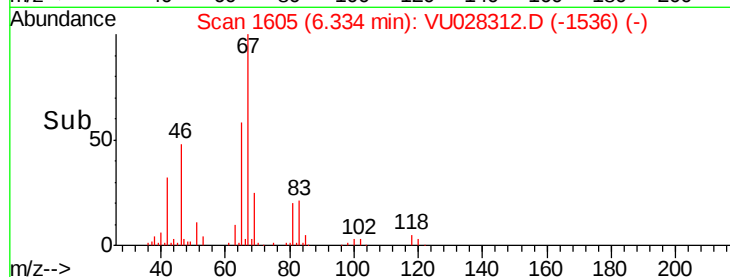
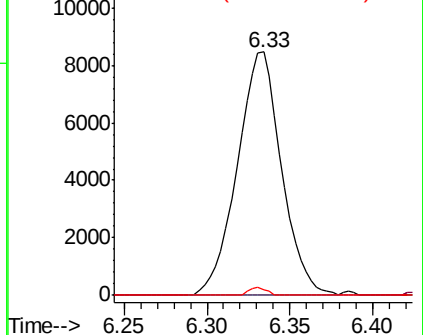
#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028312.D
Acq: 21 Nov 2018 12:16

Instrument :
MSVOA_U
ClientSampled :
H0FM0

Tgt Ion: 83 Resp: 15679
Ion Ratio Lower Upper
83 100
55 0.3 73.2 109.8#
98 1.2 33.4 50.2#

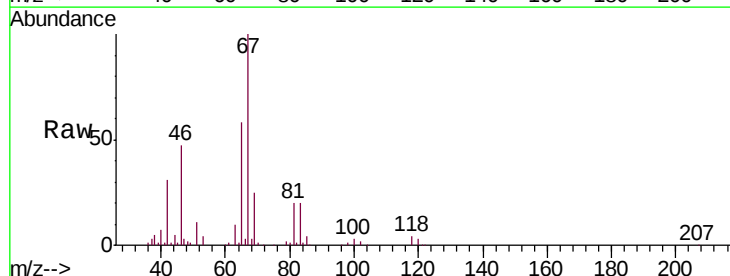


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

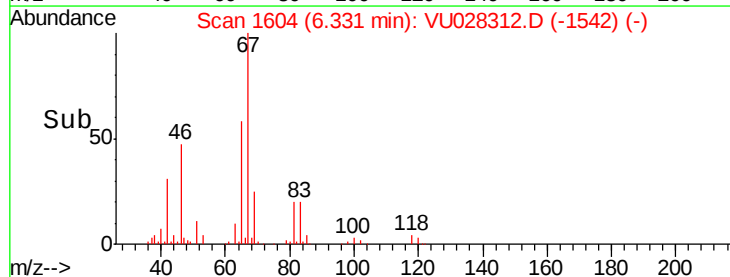
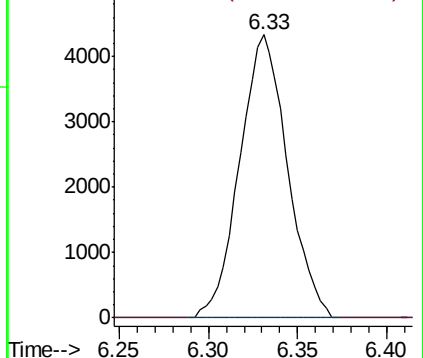


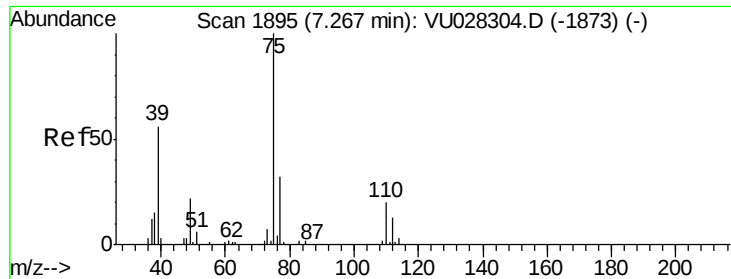
#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028312.D
Acq: 21 Nov 2018 12:16

Tgt Ion: 63 Resp: 8097
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

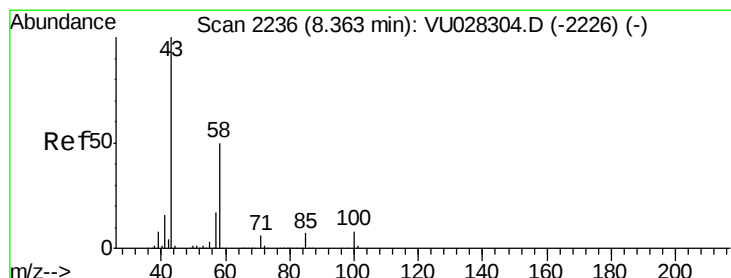
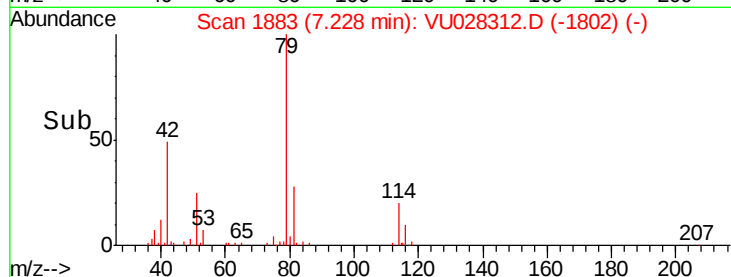
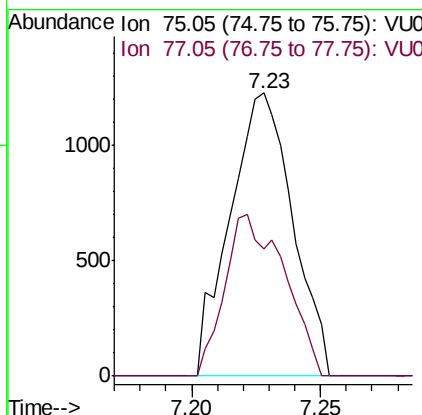
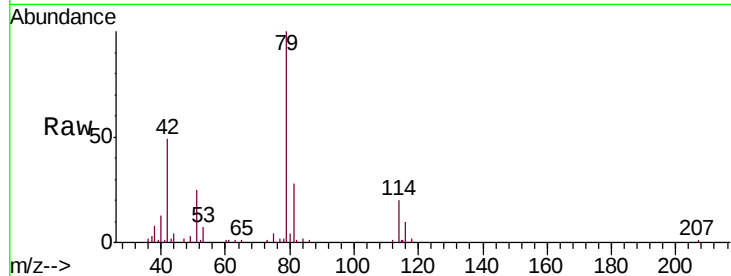




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028312.D
 Acq: 21 Nov 2018 12:16

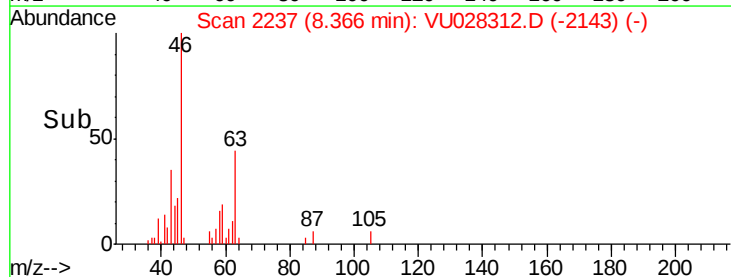
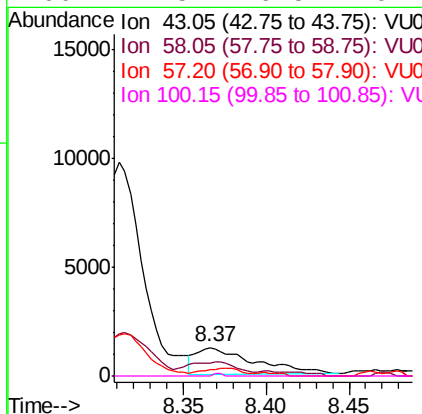
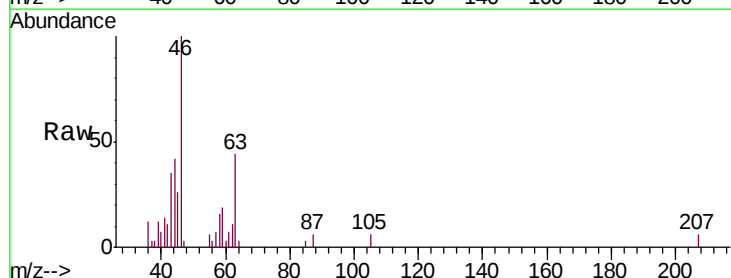
Instrument :
 MSVOA_U
 ClientSampled :
 H0FM0

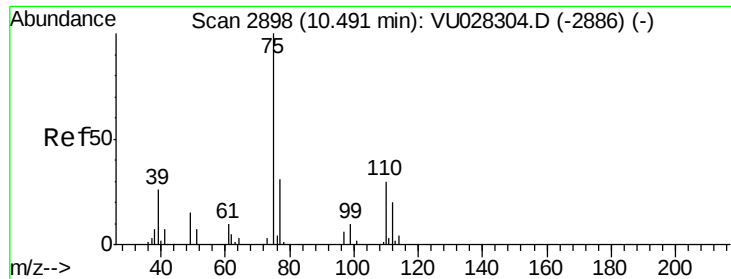
Tgt Ion: 75 Resp: 2079
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.7 40.3#



#48
 2-Hexanone
 Concen: 0.398 ug/L
 RT: 8.37 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: VU028312.D
 Acq: 21 Nov 2018 12:16

Tgt Ion: 43 Resp: 3001
 Ion Ratio Lower Upper
 43 100
 58 30.6 41.1 61.7#
 57 10.2 13.8 20.8#
 100 1.5 6.5 9.7#





#59

1,2,3-Trichloropropane

Concen: 1.280 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028312.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA_U

ClientSampleId :

H0FM0

Tgt Ion: 75 Resp: 10936

Ion Ratio Lower Upper

75 100

77 36.2 25.7 38.5

