

Data File : VU028318.D
Acq On : 21 Nov 2018 14:39
Operator : MD/SY
Sample : J6026-11DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FMDL

Quant Time: Nov 21 22:38:14 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	162193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66654	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.68	69	50869	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.27	63	95156	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.19	46	194063	47.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	4.65	84	110704	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	64584	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.34	84	225240	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	81752	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.57	98	196958	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	28890	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.31	63	137624	44.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55719	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	65082	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.40	62	4700	0.286	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	754	0.071	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	1247	0.125	ug/L #	1
13) Acetone	2.32	43	1639	0.583	ug/L	87
17) Methyl tert-butyl Ether	3.01	73	15860	0.529	ug/L #	86
18) trans-1,2-Dichloroethene	2.98	96	7976	0.750	ug/L	92
19) 1,1-Dichloroethane	3.44	63	2492	0.101	ug/L #	92
22) cis-1,2-Dichloroethene	4.22	96	78413	6.237	ug/L	95
25) Chloroform	4.67	83	2193	0.082	ug/L	97
34) Trichloroethene	6.18	95	49721	3.954	ug/L	95
35) Methylcyclohexane	6.33	83	16723	0.844	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8439	0.576	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	2029	0.109	ug/L #	62
49) Dibromochloromethane	8.22	129	382	0.043	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	10051	1.187	ug/L #	86

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

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

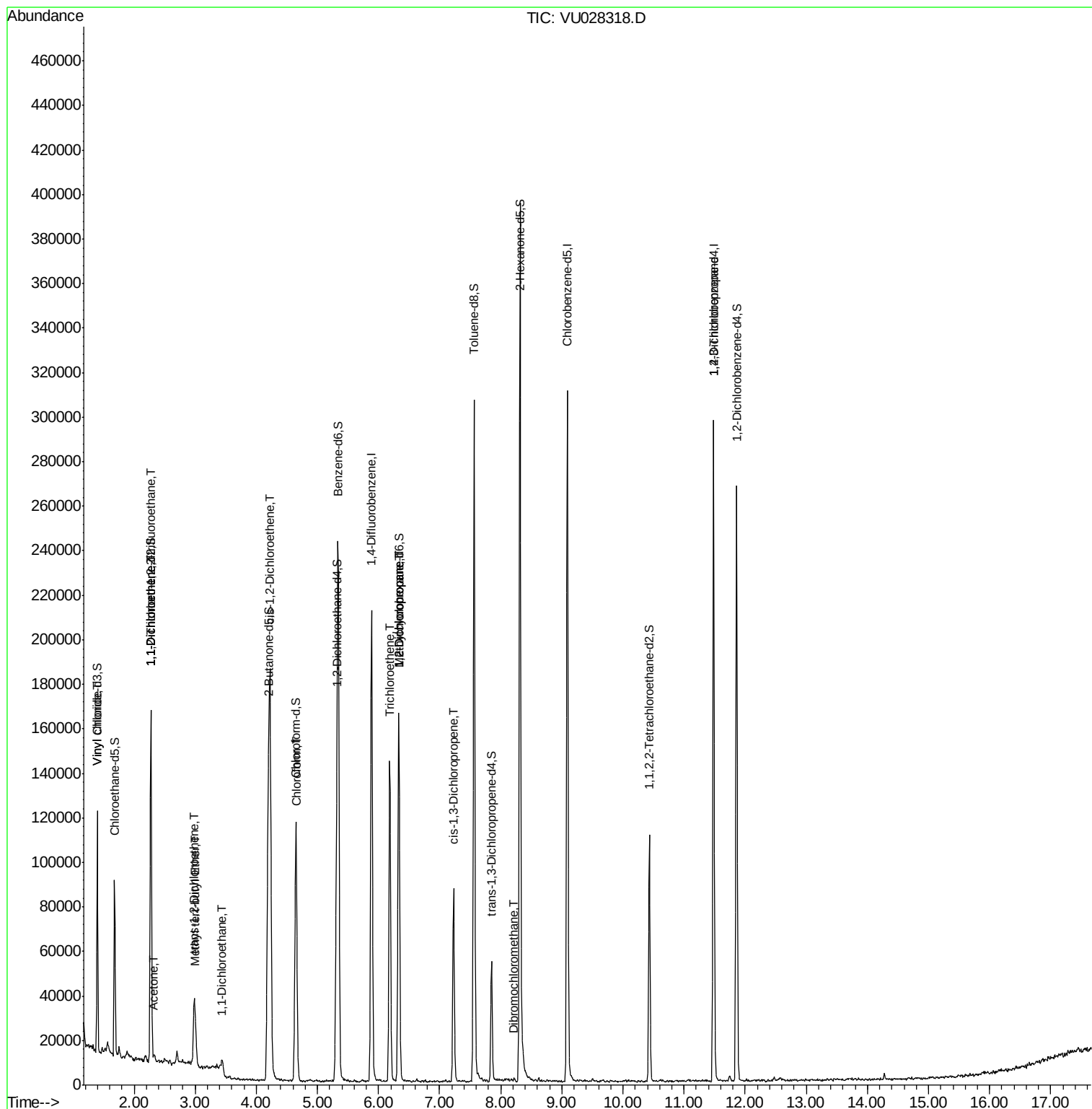
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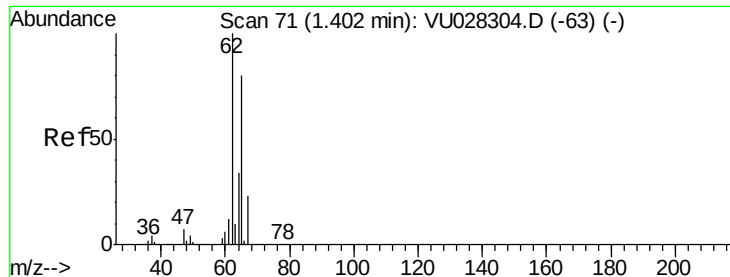
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#5

Vinyl chloride

Concen: 0.286 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028318.D

Acq: 21 Nov 2018 14:39

Instrument :

MSVOA_U

ClientSampleId :

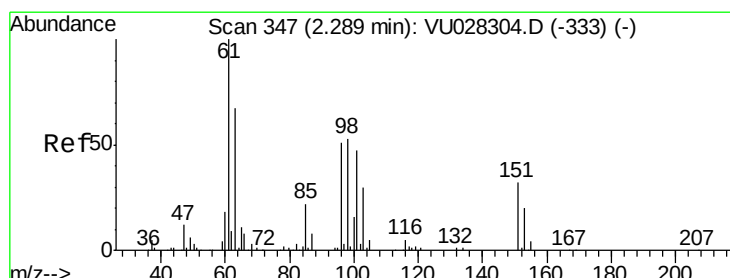
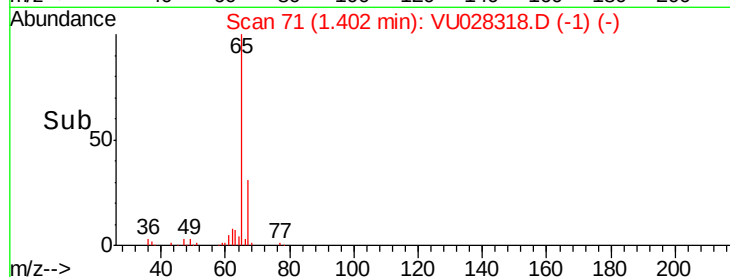
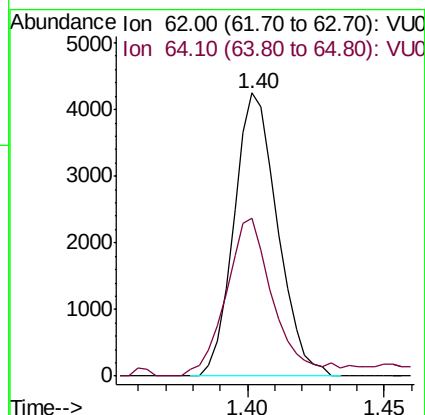
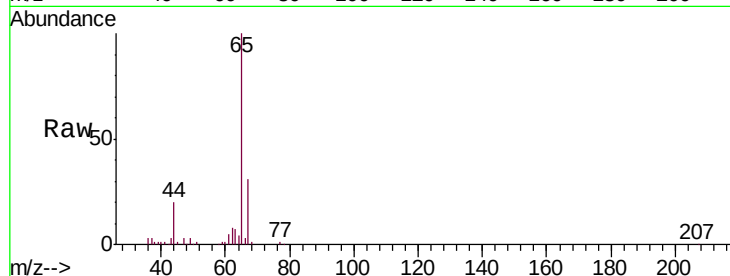
H0FMDL

Tgt Ion: 62 Resp: 4700

Ion Ratio Lower Upper

62 100

64 55.6 21.7 40.3#



#10

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

Concen: 0.071 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028318.D

Acq: 21 Nov 2018 14:39

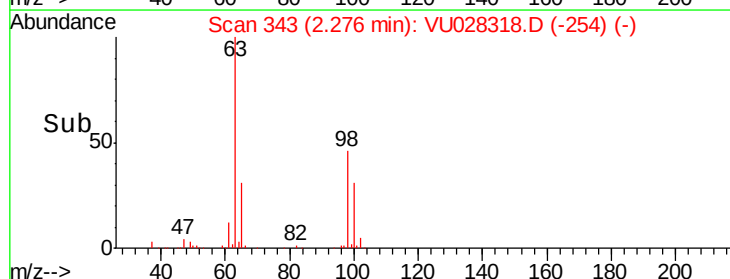
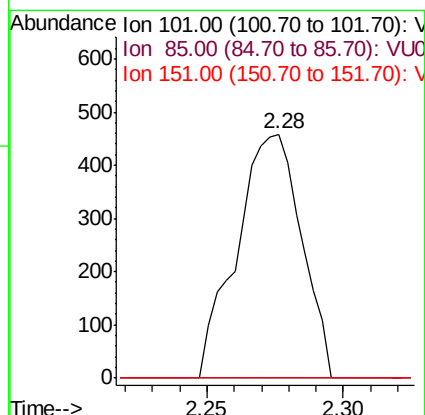
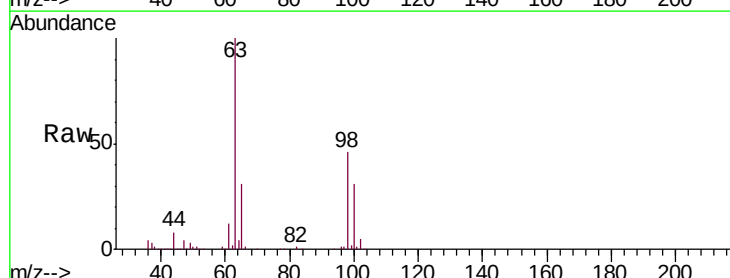
Tgt Ion: 101 Resp: 754

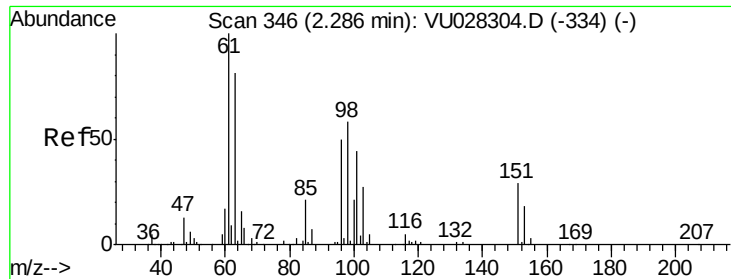
Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

151 0.0 55.0 82.4#

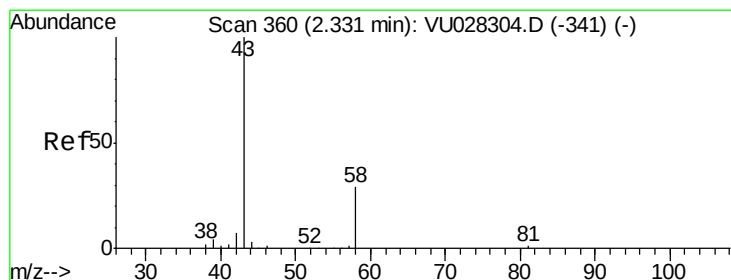
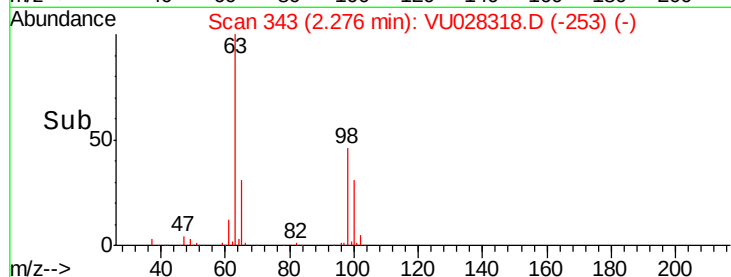
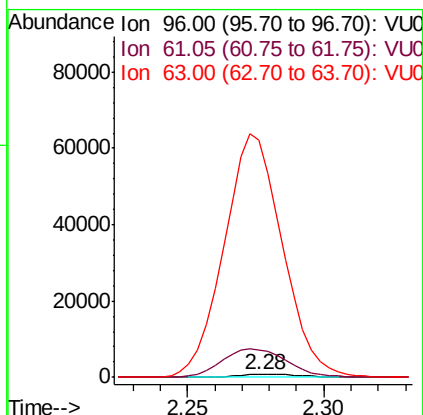
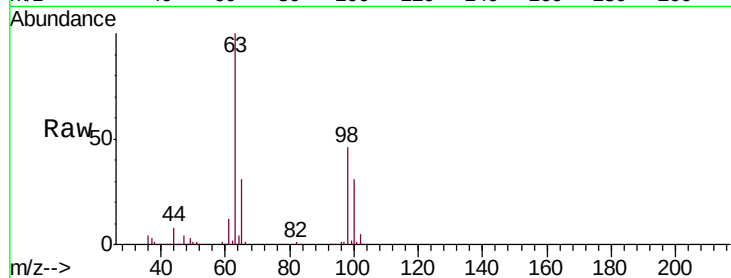




#12
 1,1-Dichloroethene
 Concen: 0.125 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU028318.D
 Acq: 21 Nov 2018 14:39

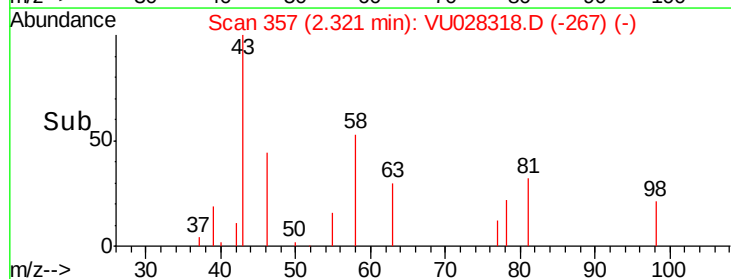
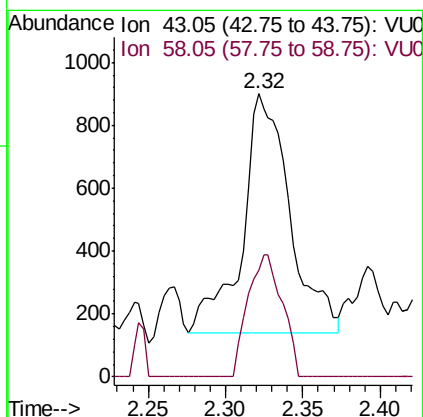
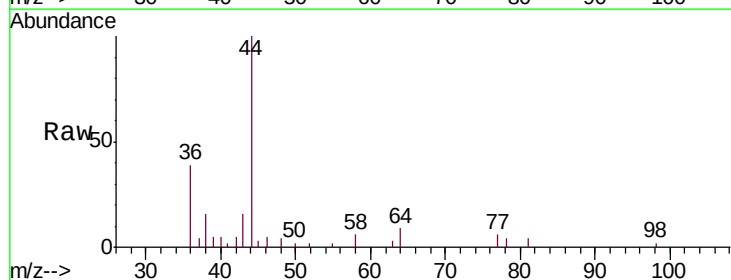
Instrument :
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 ClientSampleId :
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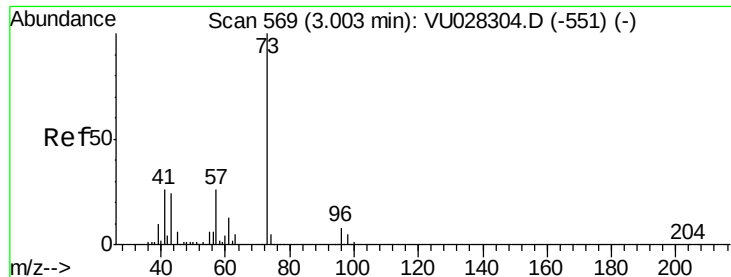
Tgt Ion: 96 Resp: 1247
 Ion Ratio Lower Upper
 96 100
 61 1066.2 145.5 270.1#
 63 9101.0 98.6 183.2#



#13
 Acetone
 Concen: 0.583 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. -0.01 min
 Lab File: VU028318.D
 Acq: 21 Nov 2018 14:39

Tgt Ion: 43 Resp: 1639
 Ion Ratio Lower Upper
 43 100
 58 36.5 0.0 58.6

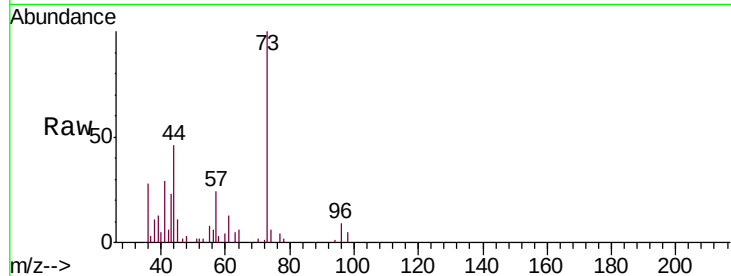




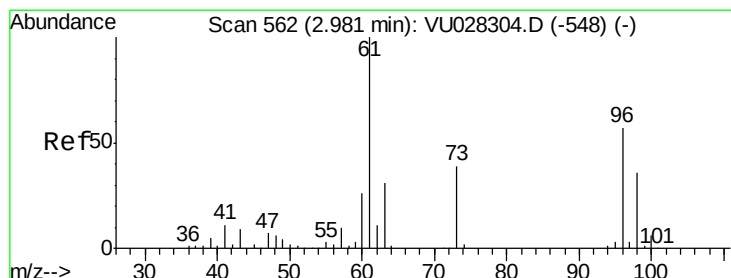
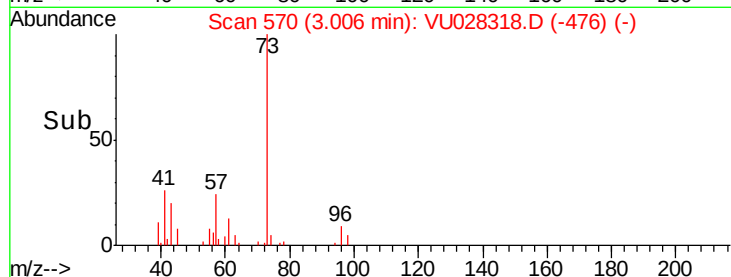
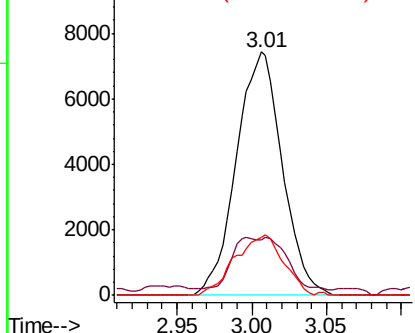
#17
Methyl tert-butyl Ether
Concen: 0.529 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028318.D
Acq: 21 Nov 2018 14:39

Instrument :
MSVOA_U
ClientSampleId :
H0FMODEL

Tgt Ion: 73 Resp: 15860
Ion Ratio Lower Upper
73 100
43 11.6 18.8 28.2#
57 26.3 19.2 28.8

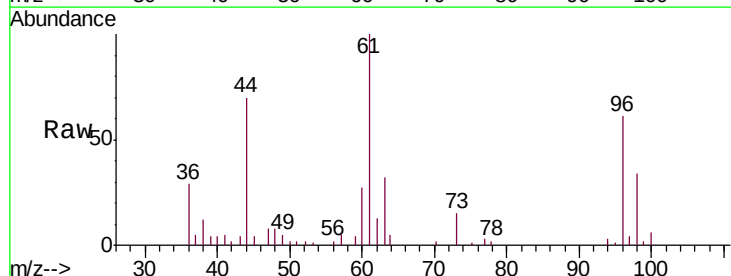


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

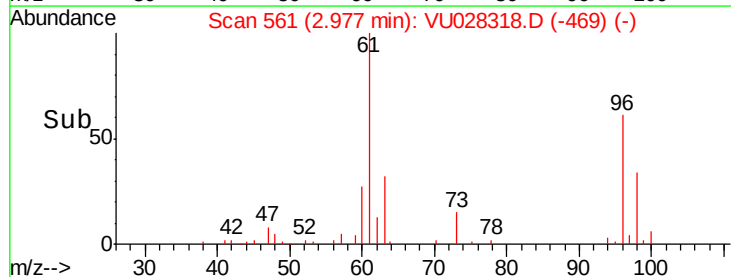
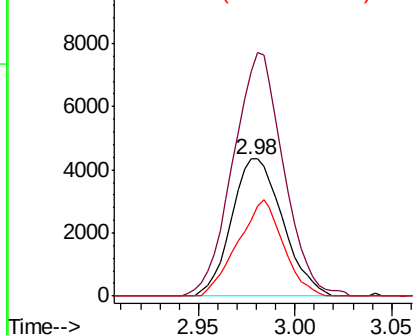


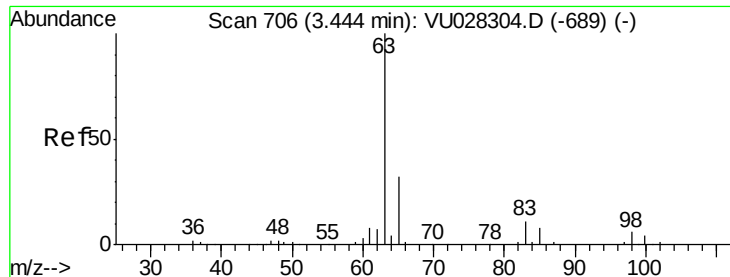
#18
trans-1,2-Dichloroethene
Concen: 0.750 ug/L
RT: 2.98 min Scan# 561
Delta R.T. -0.00 min
Lab File: VU028318.D
Acq: 21 Nov 2018 14:39

Tgt Ion: 96 Resp: 7976
Ion Ratio Lower Upper
96 100
61 164.2 122.2 227.0
98 55.4 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

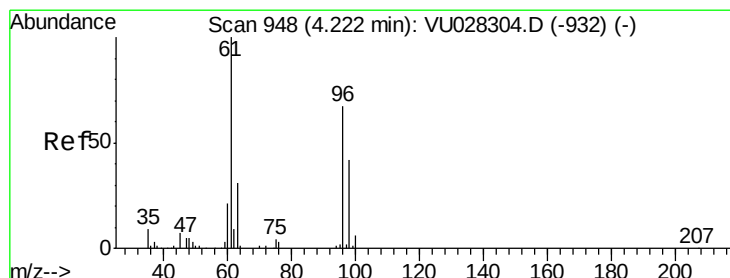
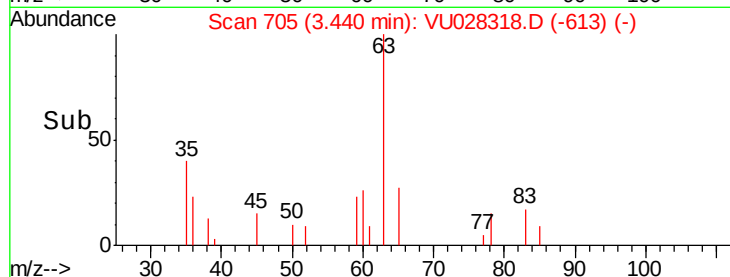
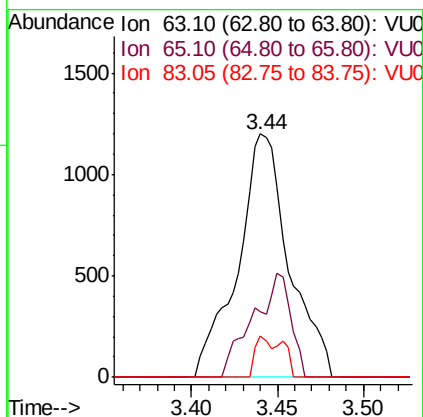
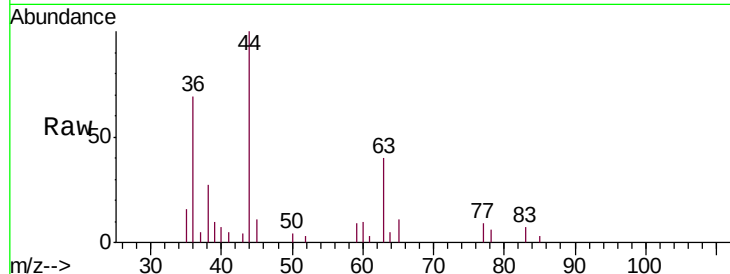




#19
 1,1-Dichloroethane
 Concen: 0.101 ug/L
 RT: 3.44 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: VU028318.D
 Acq: 21 Nov 2018 14:39

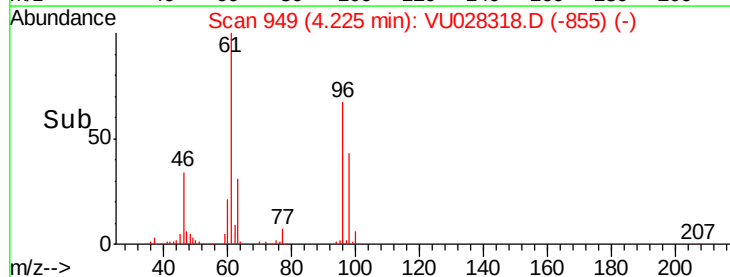
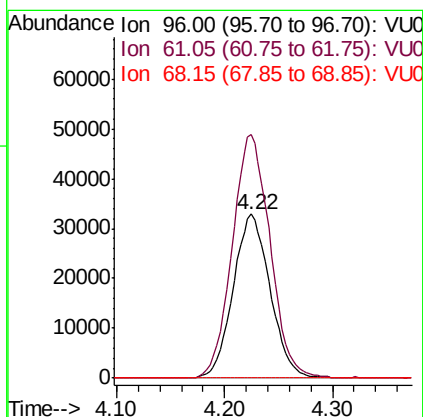
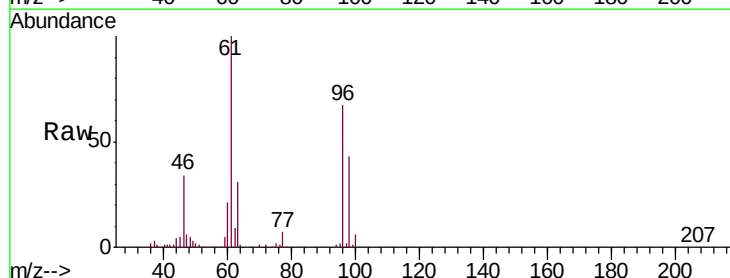
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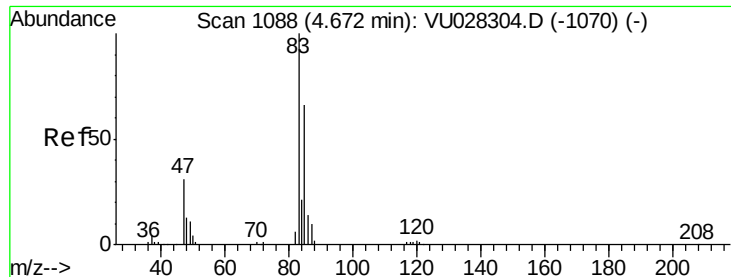
Tgt Ion: 63 Resp: 2492
 Ion Ratio Lower Upper
 63 100
 65 26.9 21.2 39.4
 83 17.0 8.8 16.4#



#22
 cis-1,2-Dichloroethene
 Concen: 6.237 ug/L
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028318.D
 Acq: 21 Nov 2018 14:39

Tgt Ion: 96 Resp: 78413
 Ion Ratio Lower Upper
 96 100
 61 148.4 108.0 200.6
 68 0.0 0.0 0.0

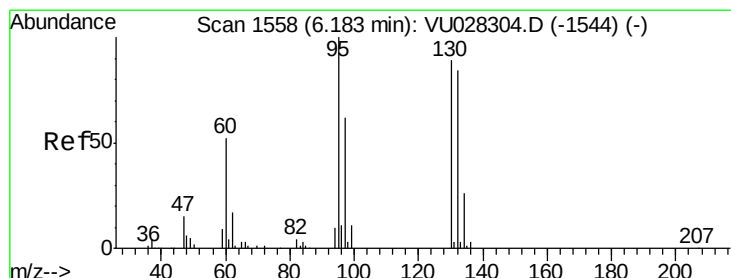
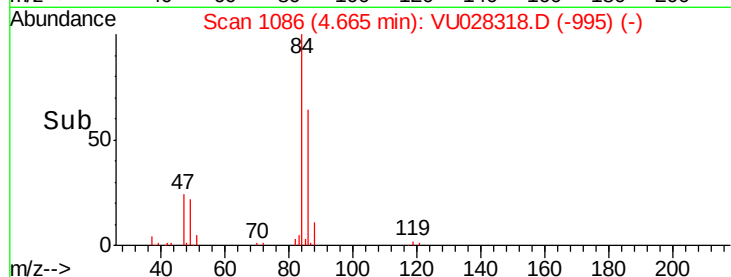
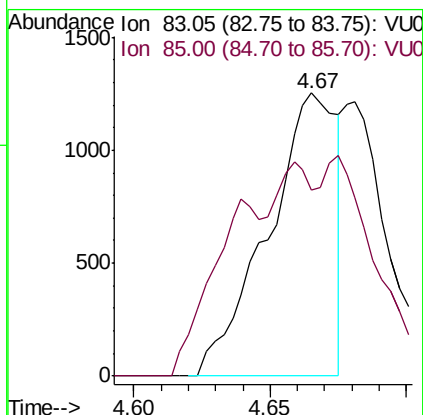
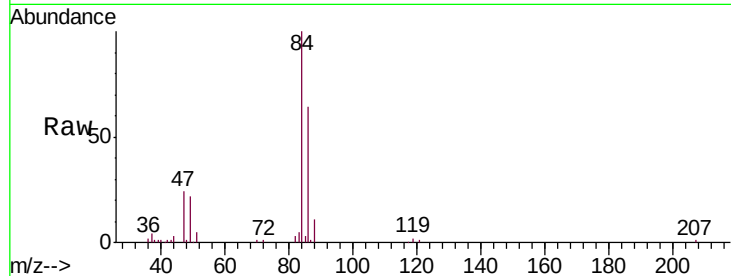




#25
Chloroform
Concen: 0.082 ug/L
RT: 4.67 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VU028318.D
Acq: 21 Nov 2018 14:39

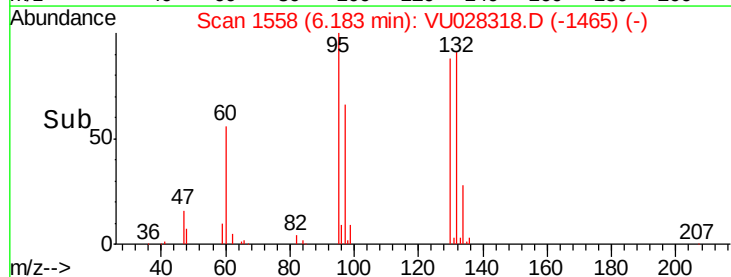
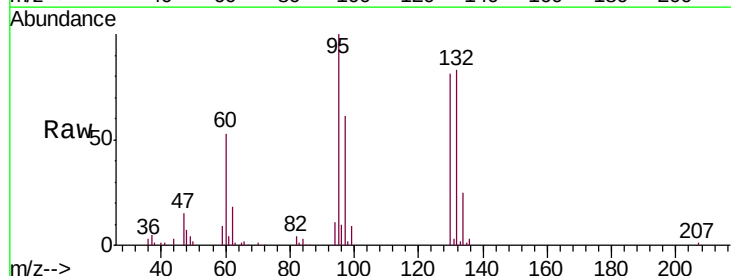
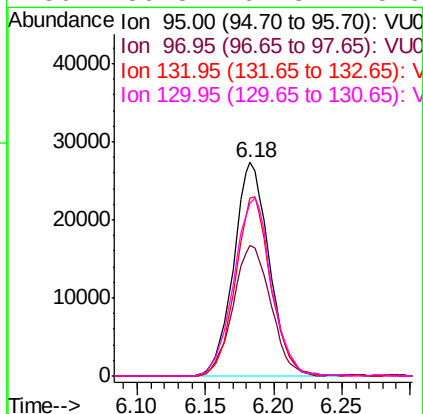
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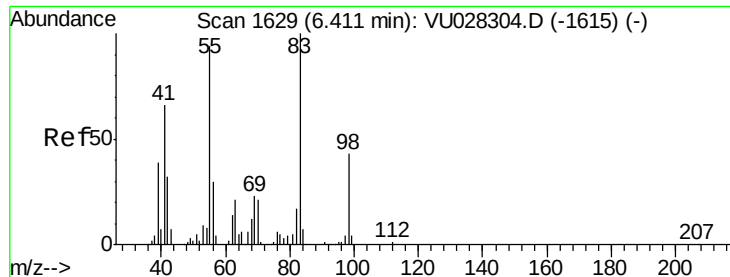
Tgt Ion: 83 Resp: 2193
Ion Ratio Lower Upper
83 100
85 65.8 44.6 82.8



#34
Trichloroethene
Concen: 3.954 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028318.D
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Tgt Ion: 95 Resp: 49721
Ion Ratio Lower Upper
95 100
97 60.9 46.5 86.3
132 83.0 58.9 109.3
130 80.8 61.3 113.9

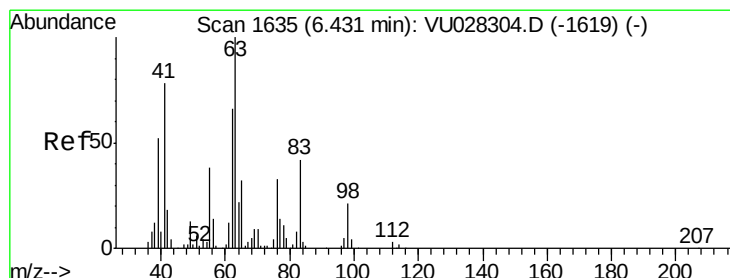
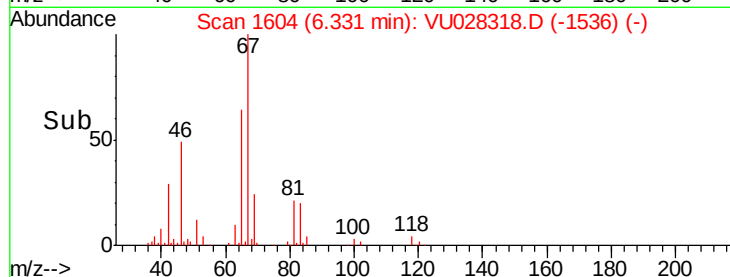
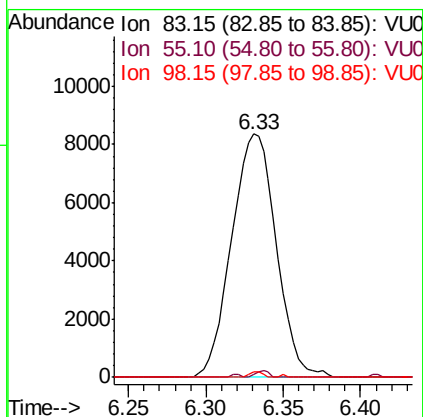
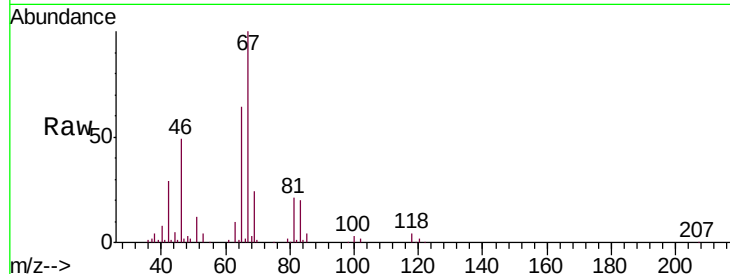




#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028318.D
Acq: 21 Nov 2018 14:39

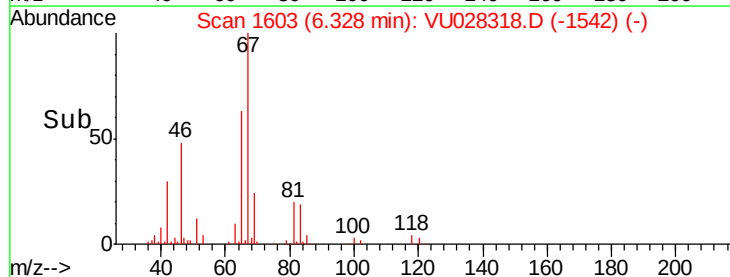
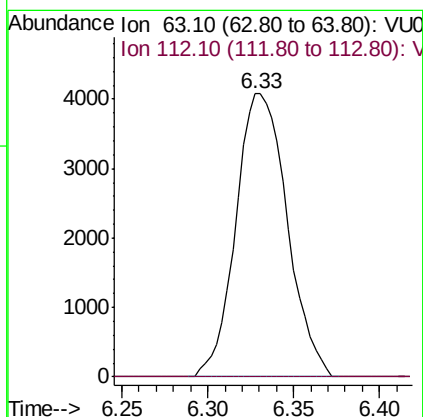
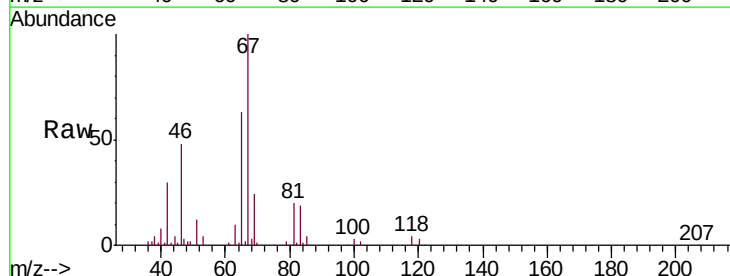
Instrument :
MSVOA_U
ClientSampled :
H0FMODEL

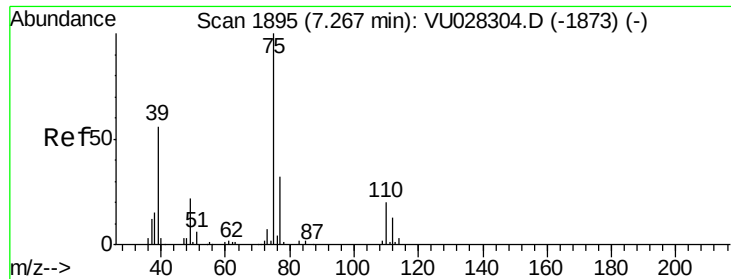
Tgt Ion: 83 Resp: 16723
Ion Ratio Lower Upper
83 100
55 0.8 73.2 109.8#
98 0.7 33.4 50.2#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028318.D
Acq: 21 Nov 2018 14:39

Tgt Ion: 63 Resp: 8439
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



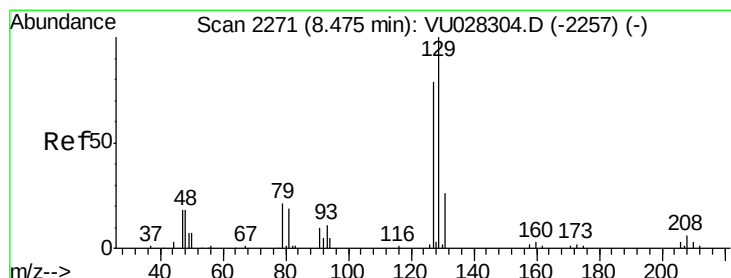
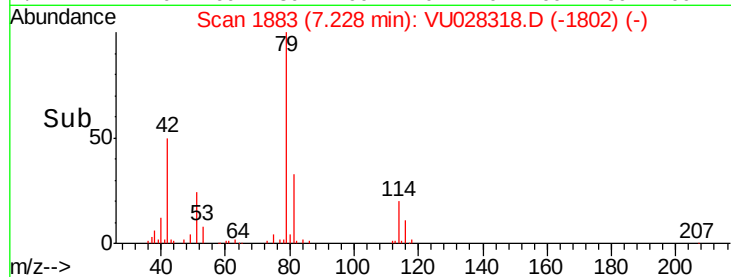
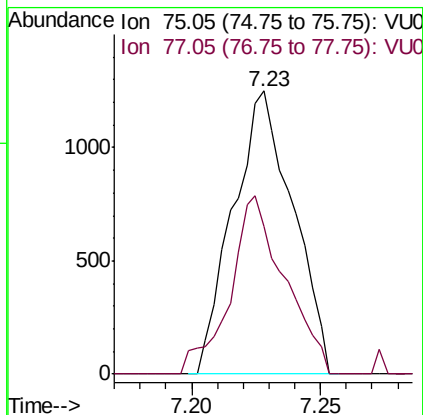
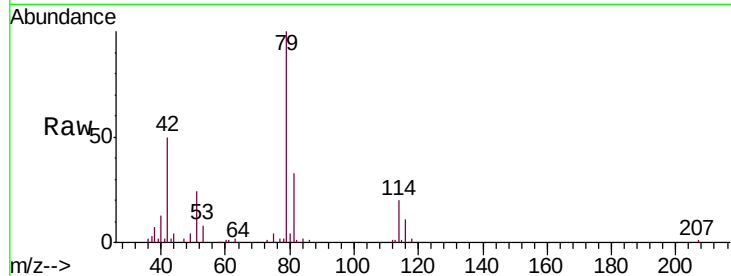


#39

cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028318.D
Acq: 21 Nov 2018 14:39

Instrument :
MSVOA_U
ClientSampleId :
H0FMDL

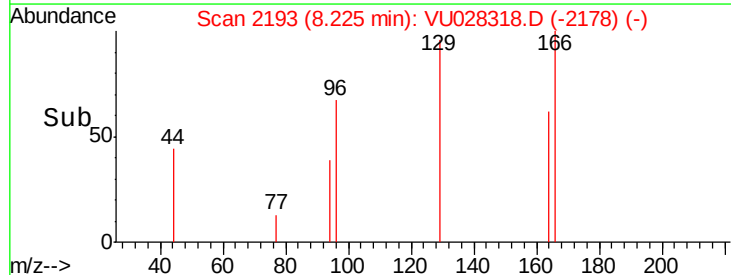
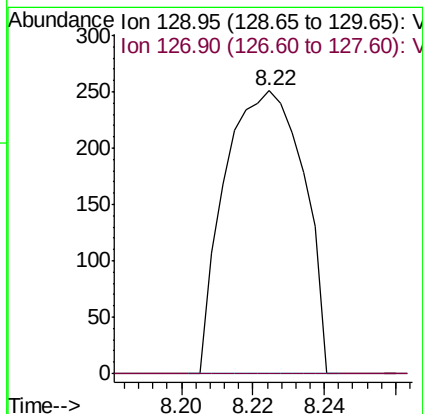
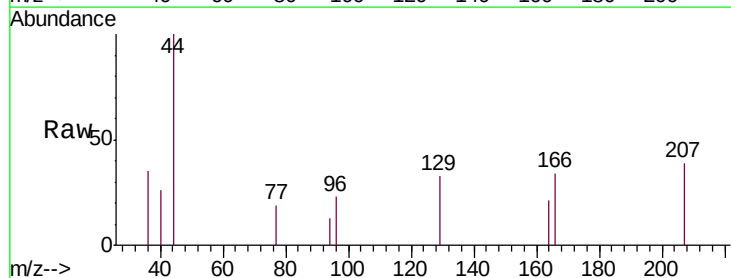
Tgt Ion: 75 Resp: 2029
Ion Ratio Lower Upper
75 100
77 52.1 21.7 40.3#

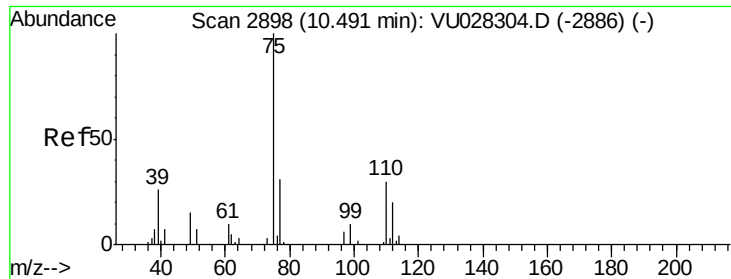


#49

Dibromochloromethane
Concen: 0.043 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028318.D
Acq: 21 Nov 2018 14:39

Tgt Ion: 129 Resp: 382
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 1.187 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028318.D

Acq: 21 Nov 2018 14:39

Instrument :

MSVOA_U

ClientSampleId :

H0FMODEL

Tgt Ion: 75 Resp: 10051

Ion Ratio Lower Upper

75 100

77 39.8 25.7 38.5#

