

Data File : VU031629.D
Acq On : 30 Apr 2019 13:22
Operator : JC/SP
Sample : K2606-09RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5143

Quant Time: May 01 01:42:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	665684	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	631622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233142	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	279661	50.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	216333	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.27	63	416597	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.10%
21) 2-Butanone-d5	4.19	46	457158	90.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.57%
24) Chloroform-d	4.64	84	470482	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.31	65	320798	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.34	84	900392	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	6.33	67	328517	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.28%
41) Toluene-d8	7.56	98	730716	43.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.50%
43) trans-1,3-Dichloropropene-	7.85	79	129586	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.48%
47) 2-Hexanone-d5	8.31	63	246790	83.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	403786	44.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	225828	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%

Target Compounds

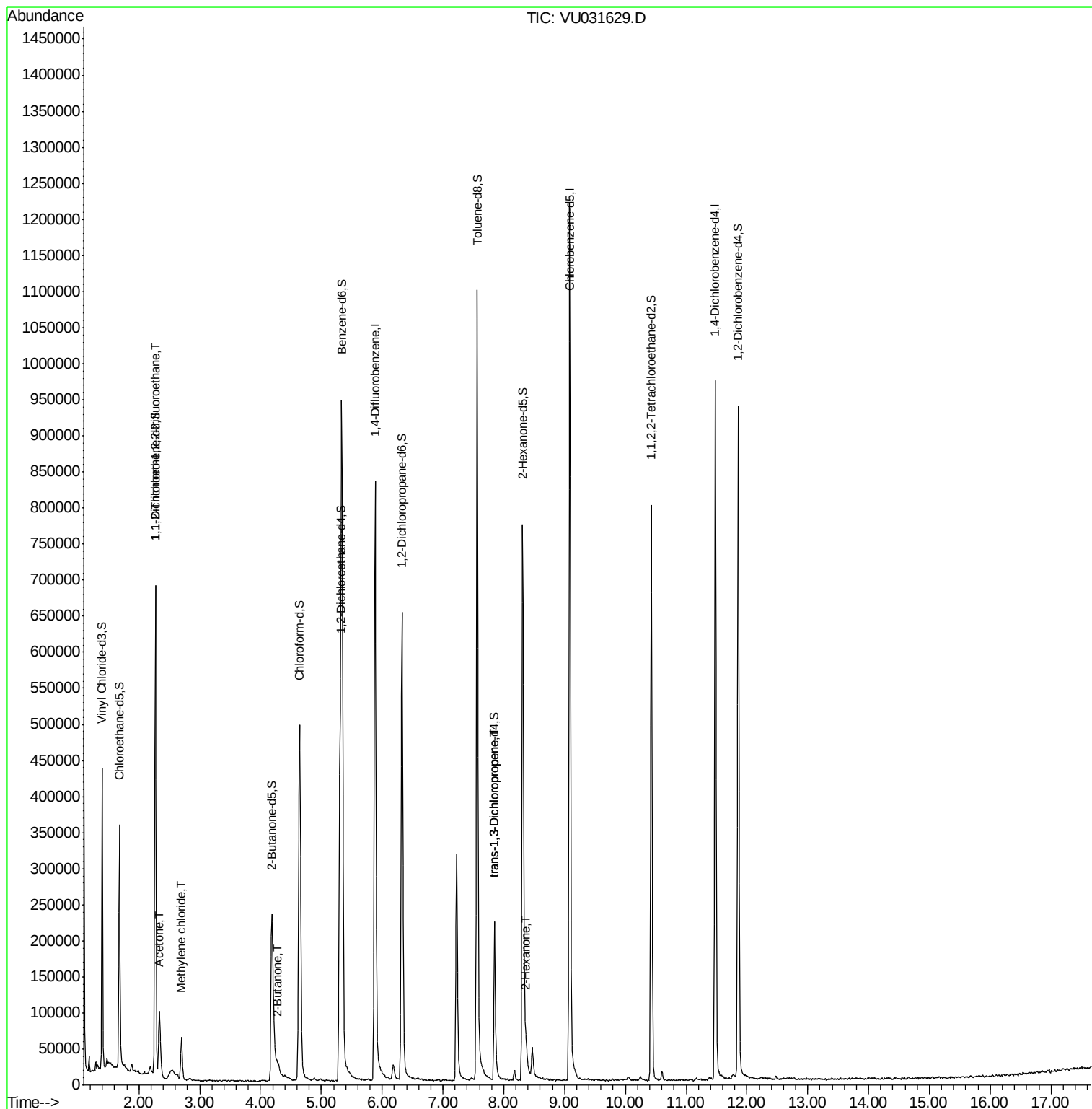
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3168	0.594 ug/L #	22
13) Acetone	2.34	43	126124	22.181 ug/L	97
16) Methylene chloride	2.70	84	25335	4.133 ug/L	97
22) 2-Butanone	4.28	43	10099	1.603 ug/L #	17
44) trans-1,3-Dichloropropene	7.85	75	5452	0.690 ug/L #	75
48) 2-Hexanone	8.37	43	25411	3.098 ug/L #	40

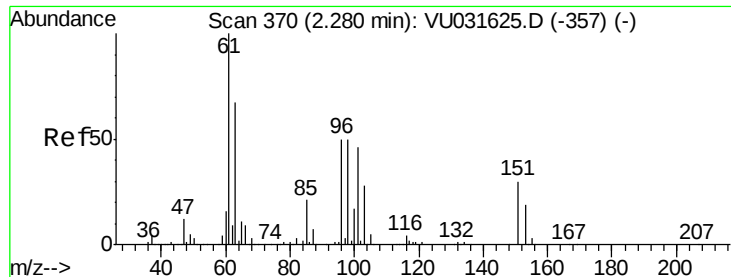
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.594 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031629.D

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Instrument :

MSVOA_U

ClientSampled :

A5143

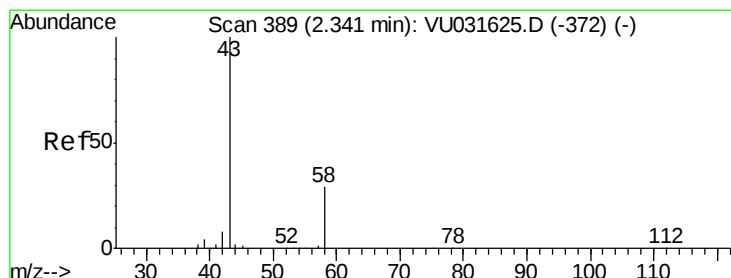
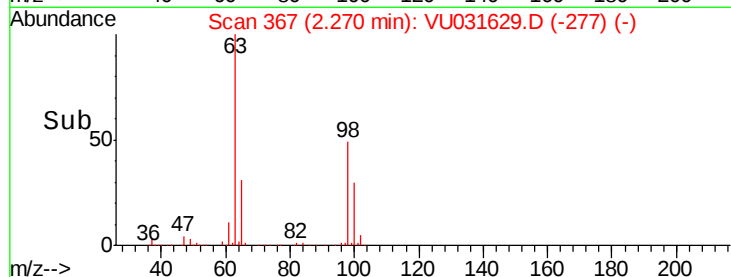
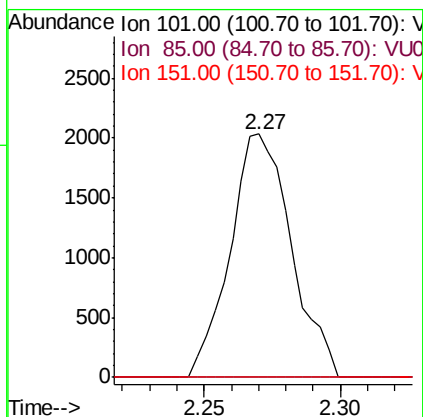
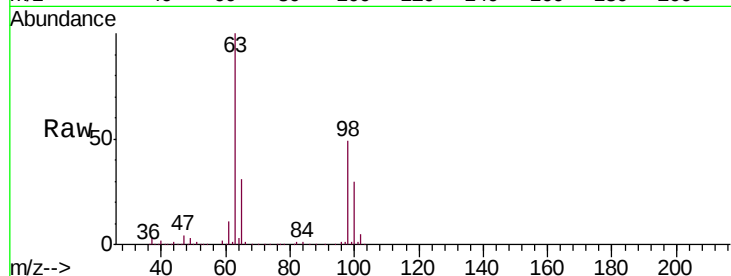
Tgt Ion: 101 Resp: 3168

Ion Ratio Lower Upper

101 100

85 1.9 36.1 54.1#

151 0.0 56.1 84.1#



#13

Acetone

Concen: 22.181 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031629.D

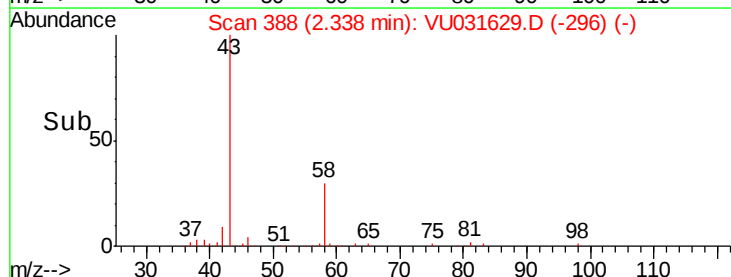
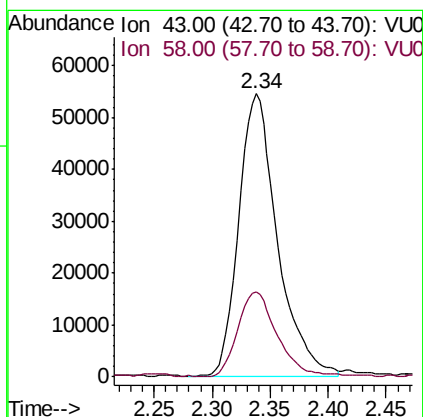
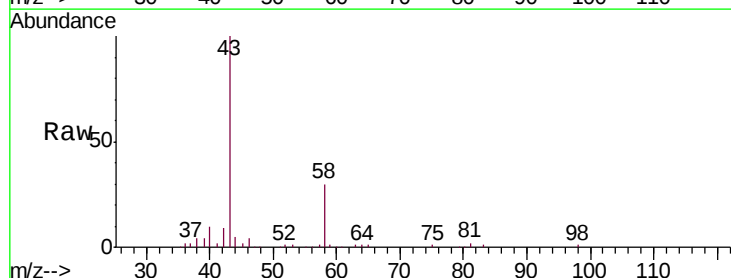
Acq: 30 Apr 2019 13:22

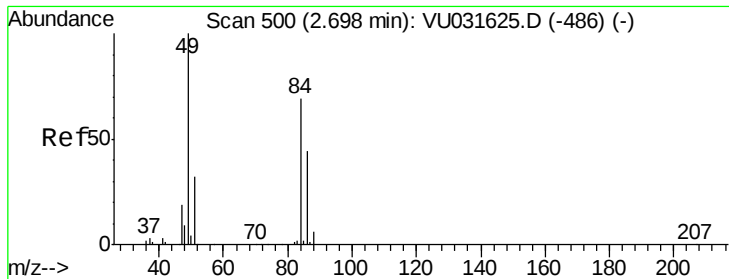
Tgt Ion: 43 Resp: 126124

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.4

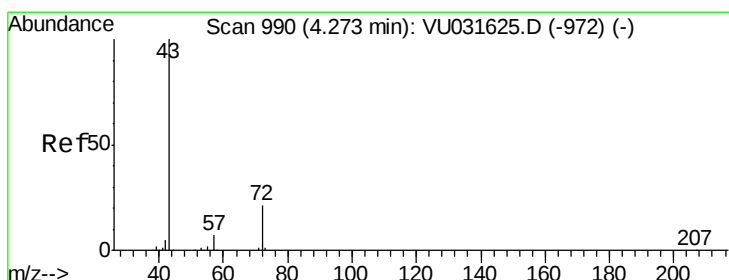
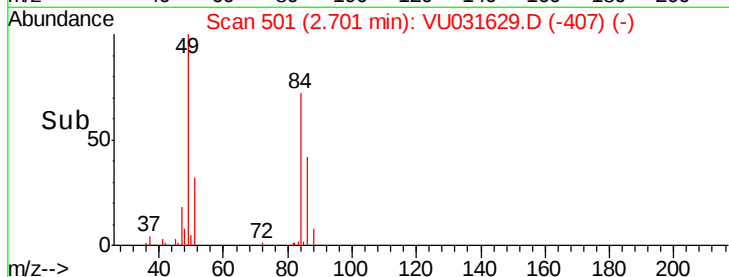
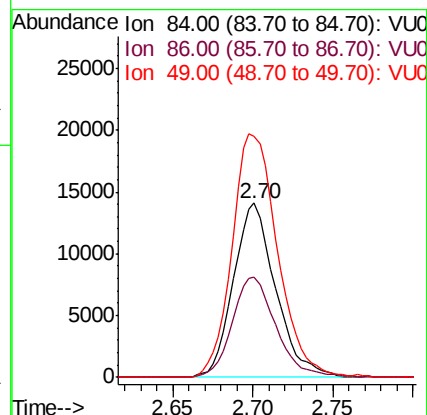
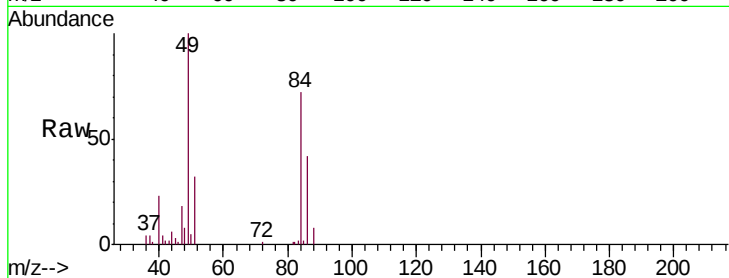




#16
Methylene chloride
Concen: 4.133 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU031629.D
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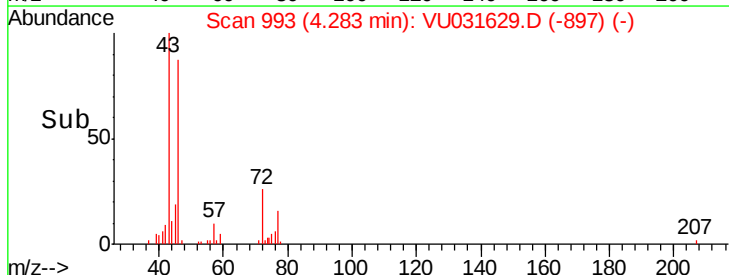
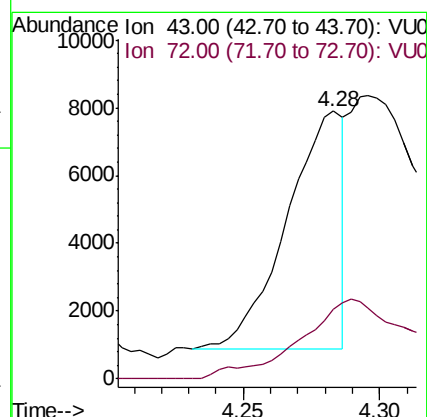
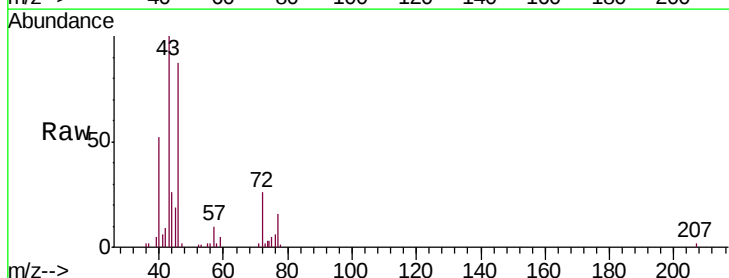
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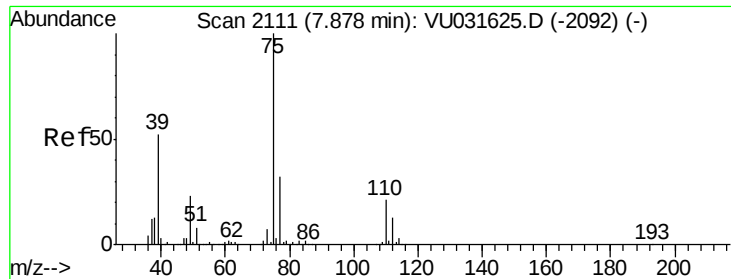
Tgt Ion: 84 Resp: 25335
Ion Ratio Lower Upper
84 100
86 57.9 44.7 83.1
49 138.7 96.5 179.3



#22
2-Butanone
Concen: 1.603 ug/L
RT: 4.28 min Scan# 993
Delta R.T. 0.01 min
Lab File: VU031629.D
Acq: 30 Apr 2019 13:22

Tgt Ion: 43 Resp: 10099
Ion Ratio Lower Upper
43 100
72 62.7 11.4 34.2#

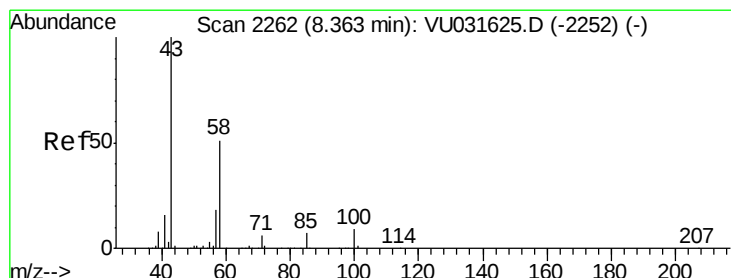
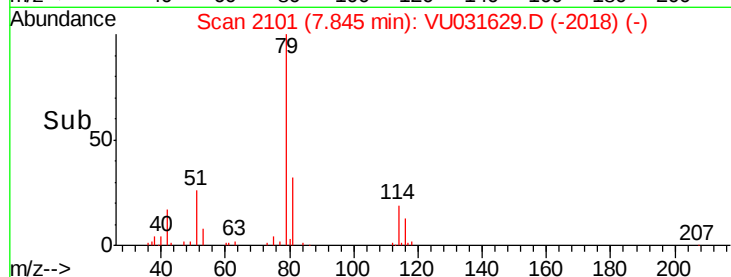
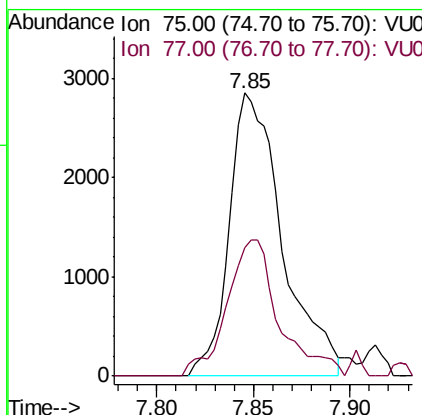
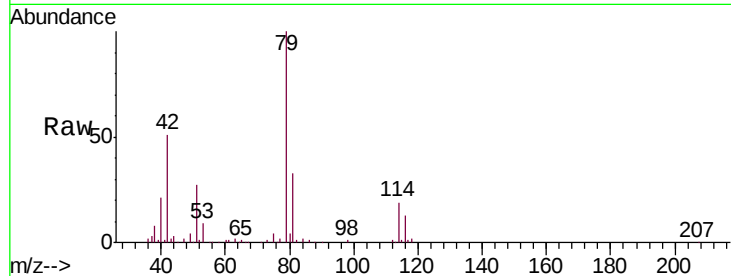




#44
 trans-1,3-Dichloropropene
 Concen: 0.690 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
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Instrument :
 MSVOA_U
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 A5143

Tgt Ion: 75 Resp: 5452
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.1 41.1#



#48
 2-Hexanone
 Concen: 3.098 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031629.D
 Acq: 30 Apr 2019 13:22

Tgt Ion: 43 Resp: 25411
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.1 63.1#
 57 2.3 14.6 22.0#
 100 0.8 7.2 10.8#

