

Data File : VU031139.D
Acq On : 12 Apr 2019 19:22
Operator : JC/SP
Sample : K2339-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC68

Quant Time: Apr 13 01:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519127	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	226282	48.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.66%
7) Chloroethane-d5	1.68	69	168880	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.04%
11) 1,1-Dichloroethene-d2	2.26	63	282173	33.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.34%
21) 2-Butanone-d5	4.17	46	325691	88.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.68%
24) Chloroform-d	4.64	84	329013	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.31	65	230615	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.33	84	686089	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
36) 1,2-Dichloropropane-d6	6.32	67	229534	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.86%
41) Toluene-d8	7.56	98	584070	44.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.42%
43) trans-1,3-Dichloropropene-	7.85	79	97830	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
47) 2-Hexanone-d5	8.31	63	191754	82.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307527	44.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	208370	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

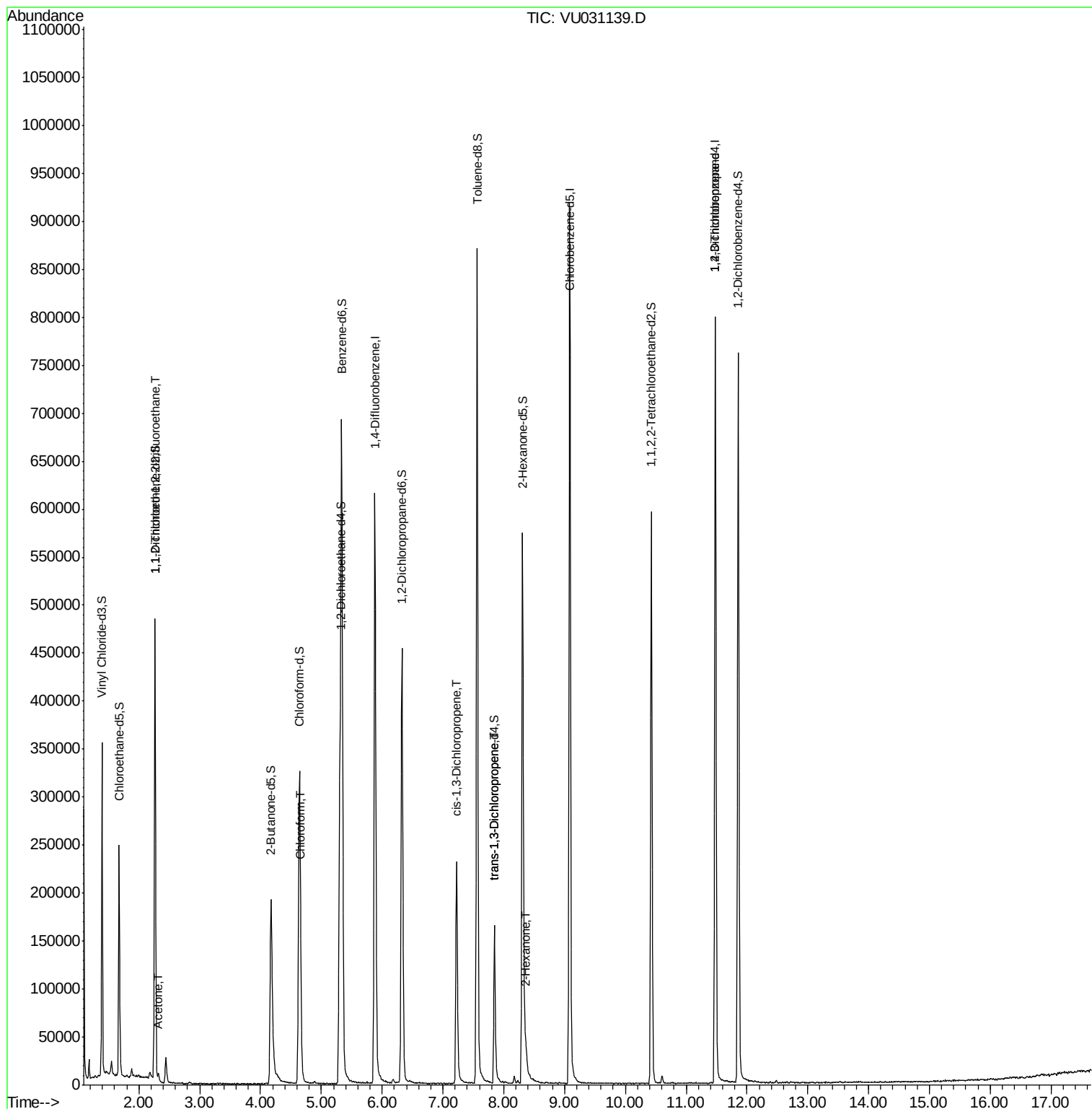
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2442	0.657 ug/L #	21
13) Acetone	2.32	43	5059	1.346 ug/L	91
25) Chloroform	4.67	83	15542	1.967 ug/L	89
39) cis-1,3-Dichloropropene	7.22	75	5471	0.812 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	4166	0.702 ug/L	93
48) 2-Hexanone	8.36	43	15232	2.566 ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	25614	4.520 ug/L	98

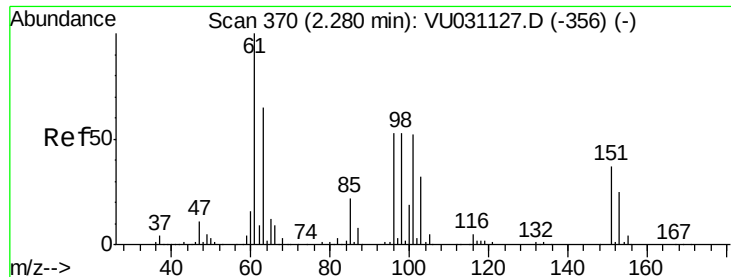
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.657 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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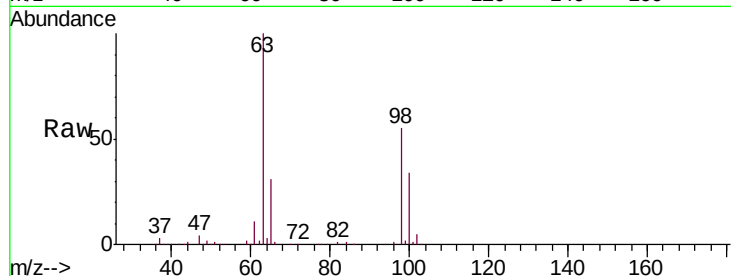
Tgt Ion: 101 Resp: 2442

Ion Ratio Lower Upper

101 100

85 1.9 36.8 55.2#

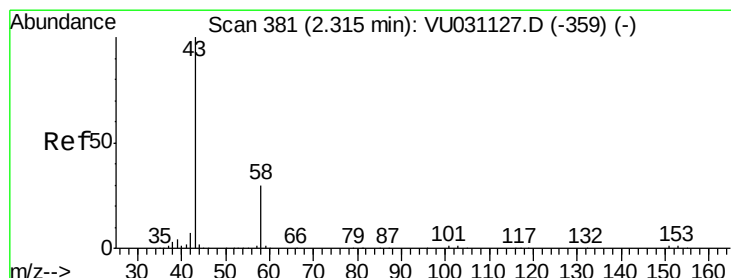
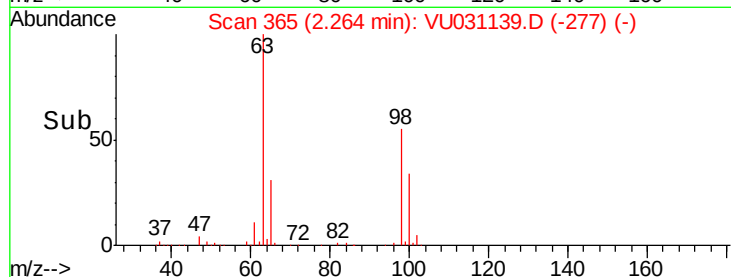
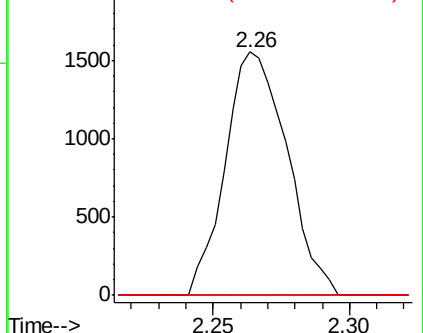
151 0.0 57.4 86.0#



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



#13

Acetone

Concen: 1.346 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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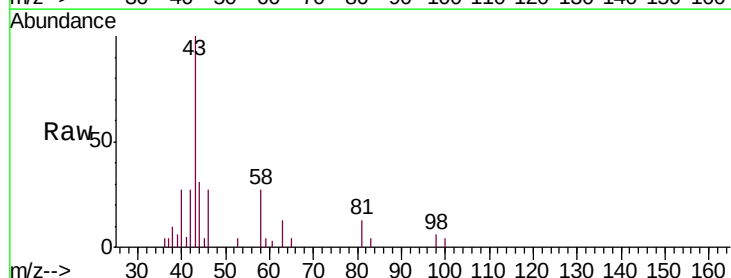
Acq: 12 Apr 2019 19:22

Tgt Ion: 43 Resp: 5059

Ion Ratio Lower Upper

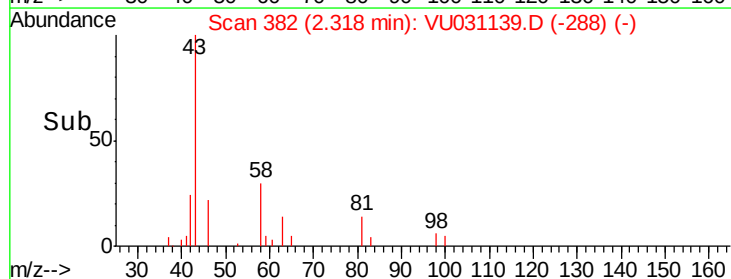
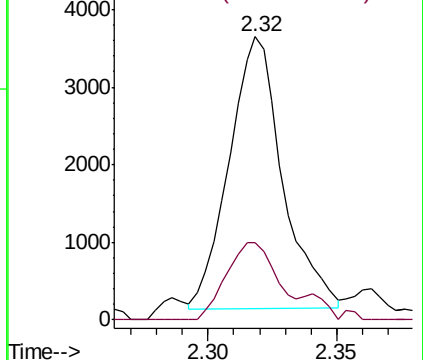
43 100

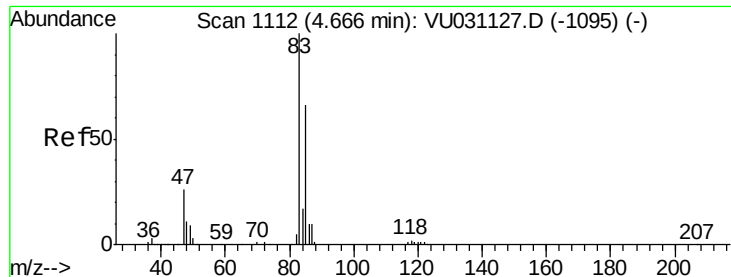
58 26.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

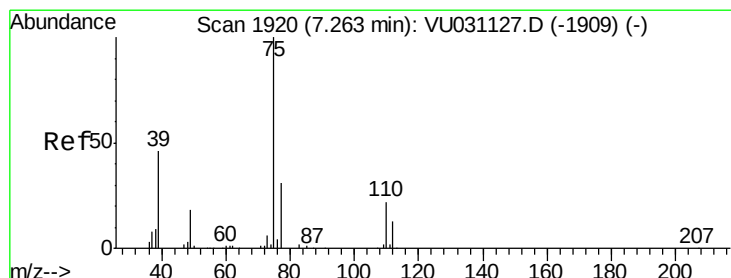
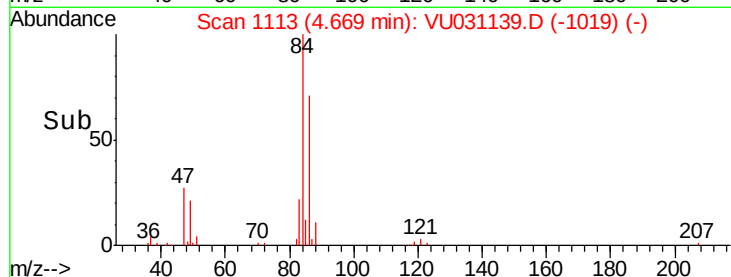
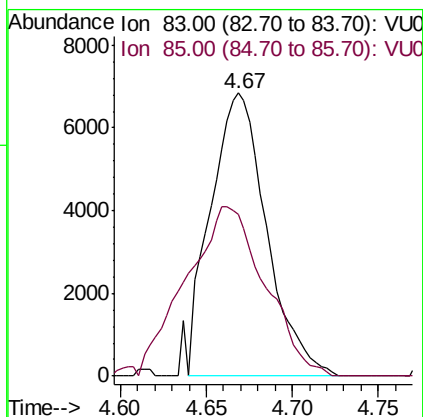
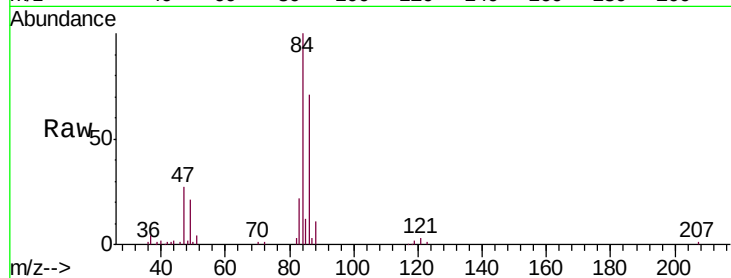




#25
Chloroform
Concen: 1.967 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031139.D
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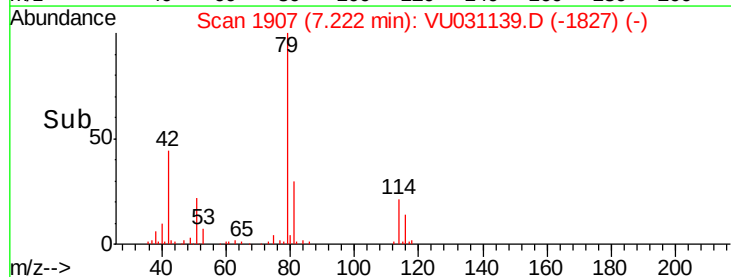
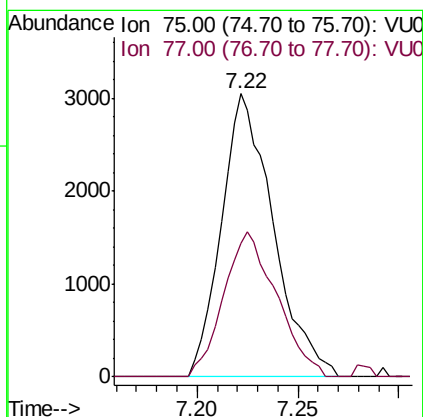
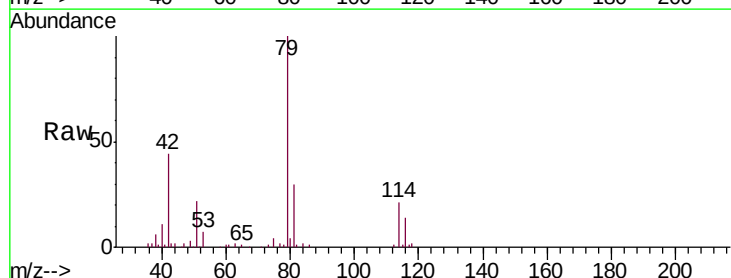
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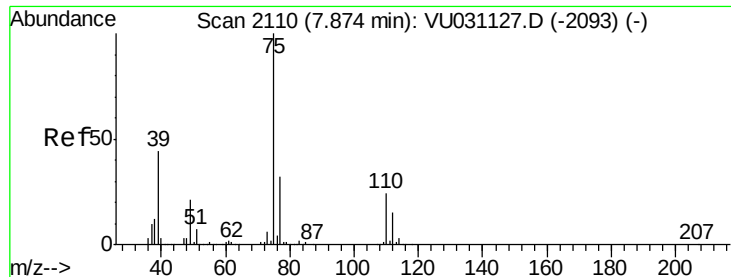
Tgt Ion: 83 Resp: 15542
Ion Ratio Lower Upper
83 100
85 56.9 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 0.812 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU031139.D
Acq: 12 Apr 2019 19:22

Tgt Ion: 75 Resp: 5471
Ion Ratio Lower Upper
75 100
77 47.0 23.1 42.9#

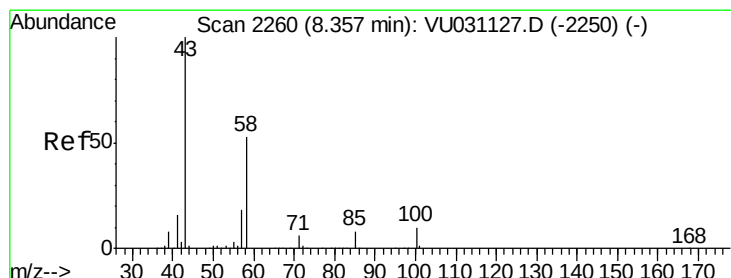
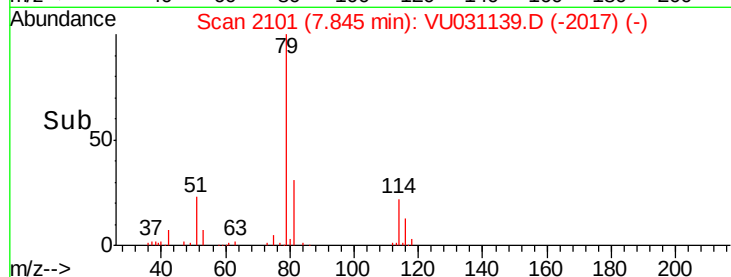
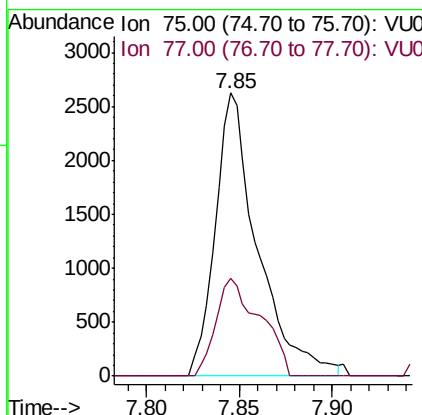
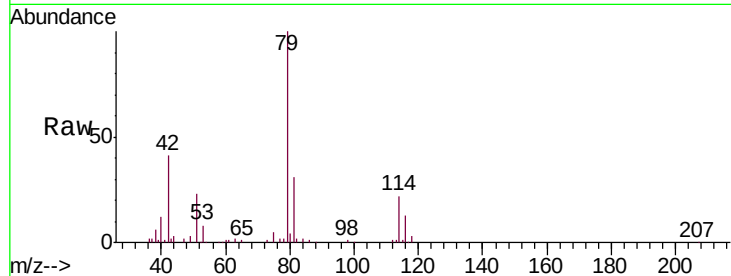




#44
trans-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031139.D
Acq: 12 Apr 2019 19:22

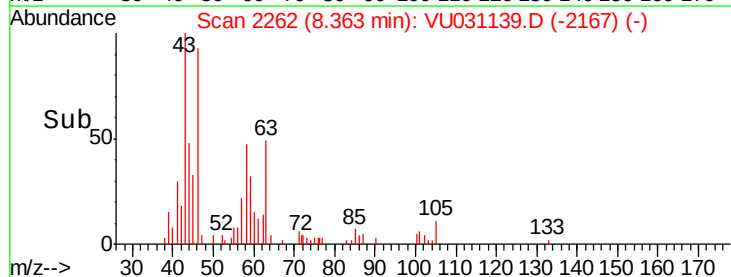
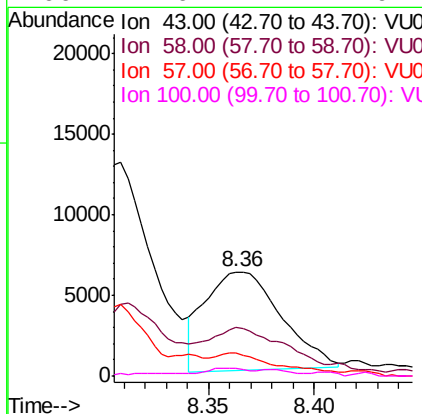
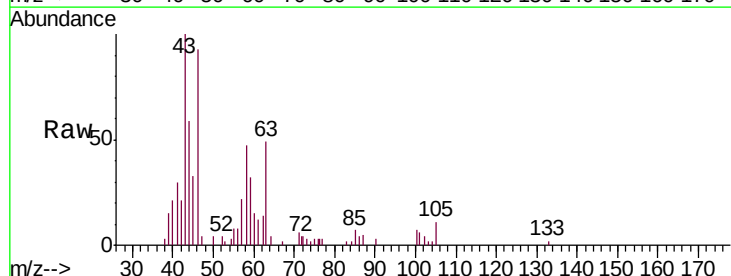
Instrument :
MSVOA_U
ClientSampleId :
BFC68

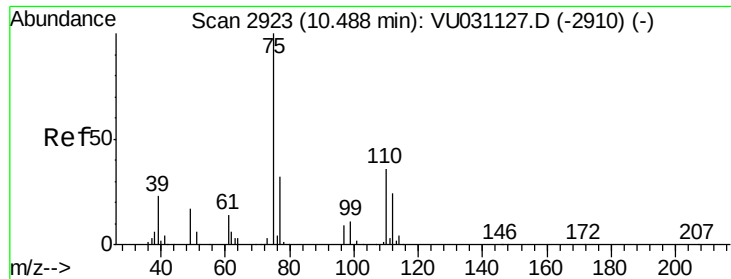
Tgt Ion: 75 Resp: 4166
Ion Ratio Lower Upper
75 100
77 34.6 21.6 40.0



#48
2-Hexanone
Concen: 2.566 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031139.D
Acq: 12 Apr 2019 19:22

Tgt Ion: 43 Resp: 15232
Ion Ratio Lower Upper
43 100
58 0.0 41.9 62.9#
57 14.0 14.3 21.5#
100 4.6 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.520 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031139.D

Acq: 12 Apr 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

BFC68

Tgt Ion: 75 Resp: 25614

Ion Ratio Lower Upper

75 100

77 34.0 26.1 39.1

