

Data File : VU030324.D
Acq On : 22 Mar 2019 21:23
Operator : JC/SP
Sample : K2062-06 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A1

Quant Time: Mar 23 04:41:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	518531	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505567	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224980	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131961	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.28%
7) Chloroethane-d5	1.68	69	118134	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.27	63	186163	29.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.20%#
21) 2-Butanone-d5	4.17	46	260099	99.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.99%
24) Chloroform-d	4.65	84	279450	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.31	65	166287	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.34	84	579307	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
36) 1,2-Dichloropropane-d6	6.33	67	191176	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.56	98	511277	40.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.62%
43) trans-1,3-Dichloropropene-	7.85	79	82707	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.40%
47) 2-Hexanone-d5	8.31	63	209866	98.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298748	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	215004	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

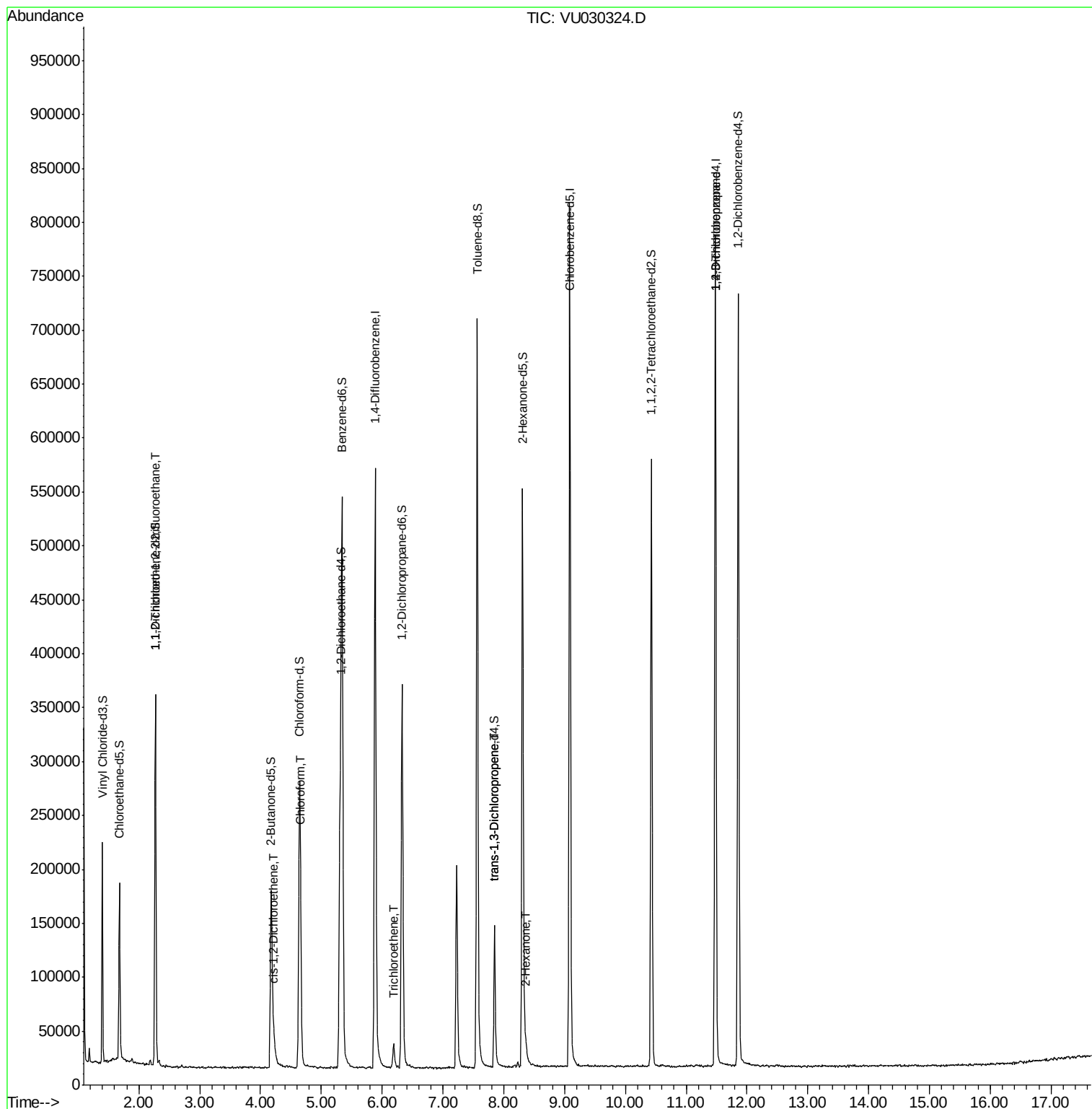
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2099	0.603	ug/L #	19
20) cis-1,2-Dichloroethene	4.23	96	7930	1.985	ug/L	86
25) Chloroform	4.67	83	3805	0.582	ug/L	94
34) Trichloroethene	6.19	95	8523	2.217	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	2781	0.536	ug/L	88
48) 2-Hexanone	8.36	43	5081	1.192	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	23042	4.564	ug/L	91

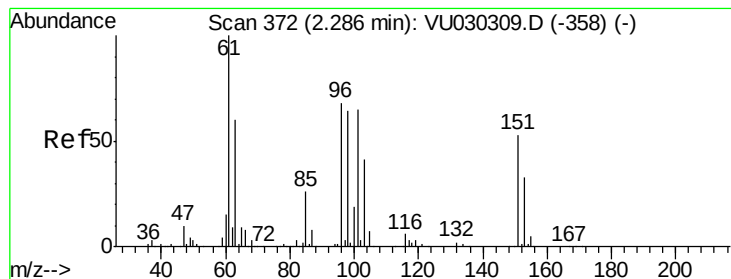
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.603 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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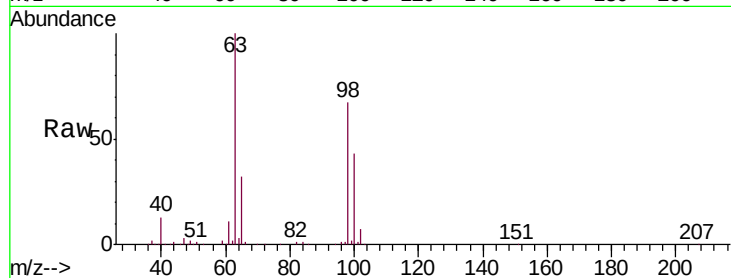
Tgt Ion: 101 Resp: 2099

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

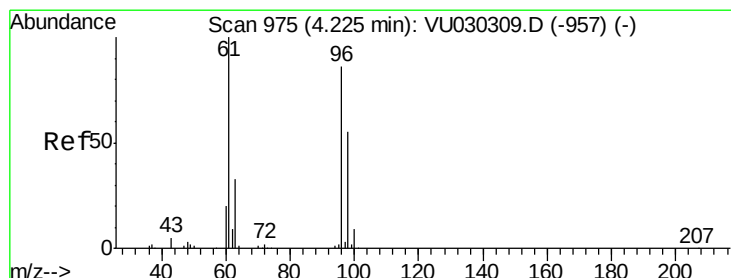
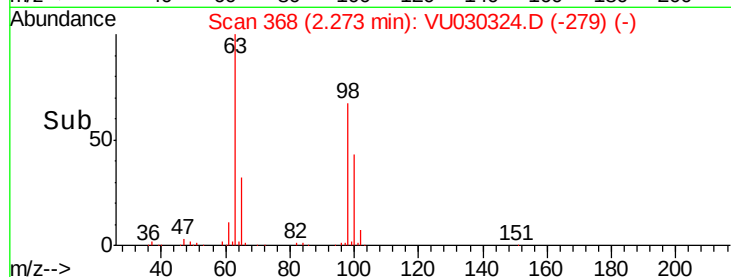
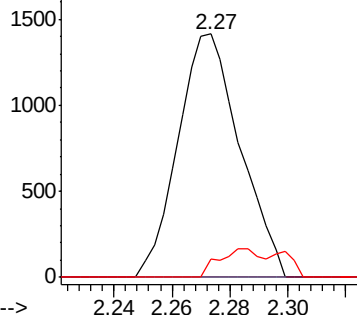
151 1.9 64.7 97.1#



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



#20

cis-1,2-Dichloroethene

Concen: 1.985 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.00 min

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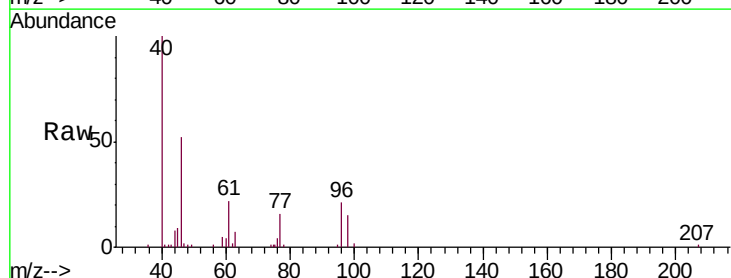
Tgt Ion: 96 Resp: 7930

Ion Ratio Lower Upper

96 100

61 100.9 81.5 151.3

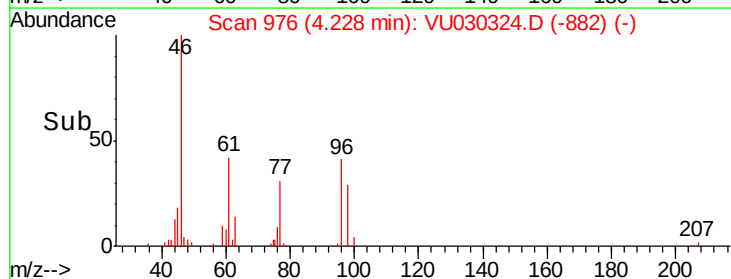
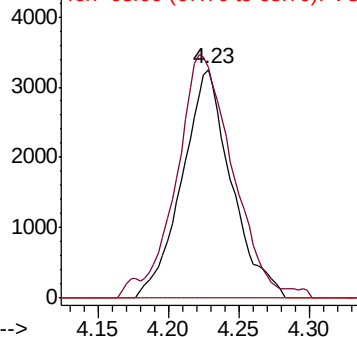
68 0.0 0.0 0.0

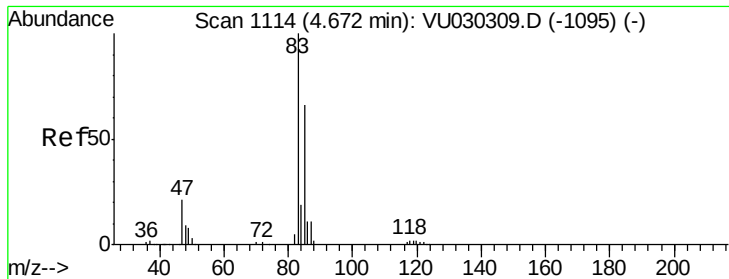


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

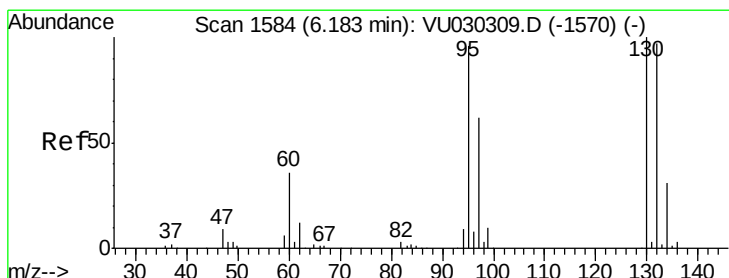
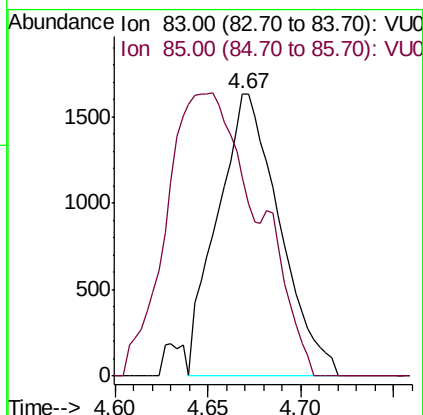
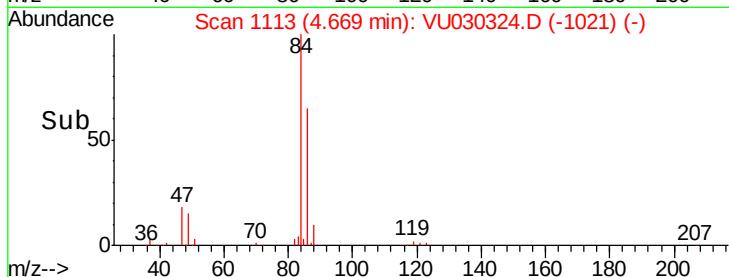
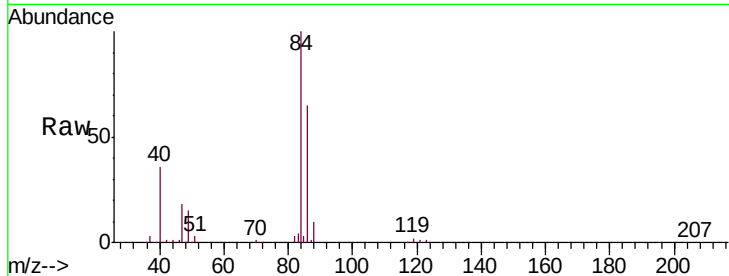




#25
Chloroform
Concen: 0.582 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
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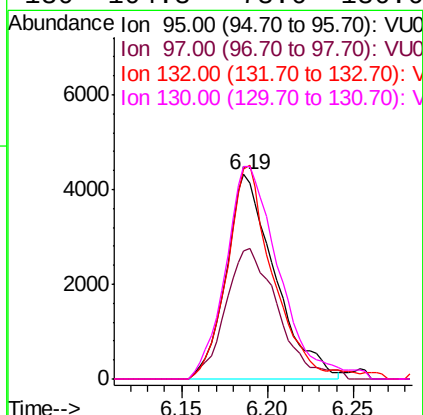
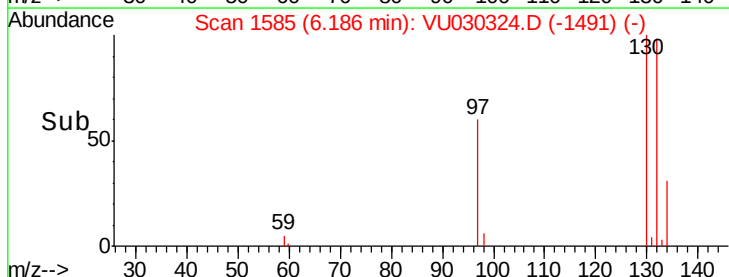
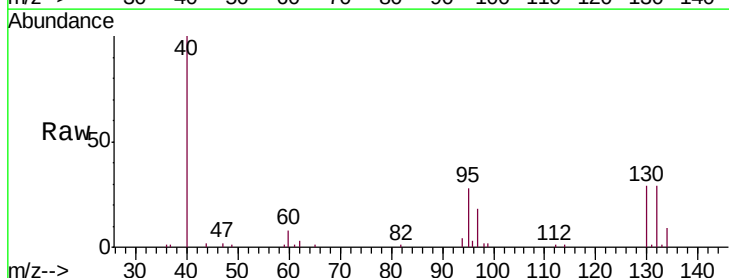
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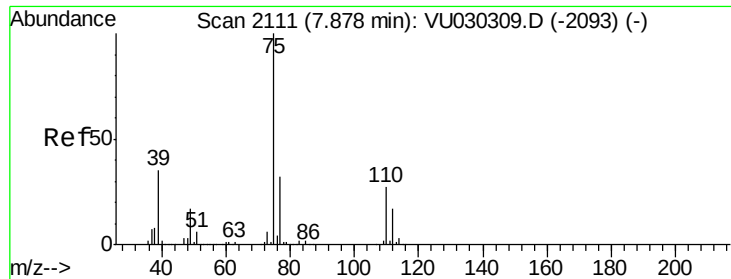
Tgt Ion: 83 Resp: 3805
Ion Ratio Lower Upper
83 100
85 70.6 45.8 85.2



#34
Trichloroethene
Concen: 2.217 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU030324.D
Acq: 22 Mar 2019 21:23

Tgt Ion: 95 Resp: 8523
Ion Ratio Lower Upper
95 100
97 62.8 46.2 85.8
132 102.5 69.3 128.7
130 104.3 73.6 136.6

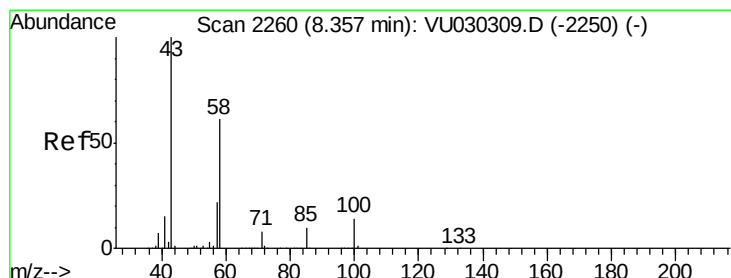
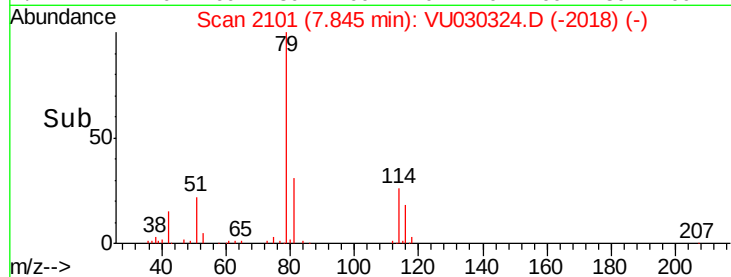
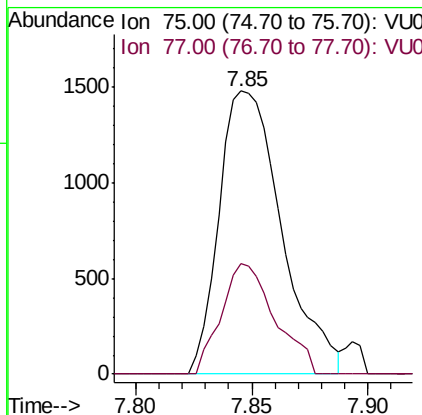
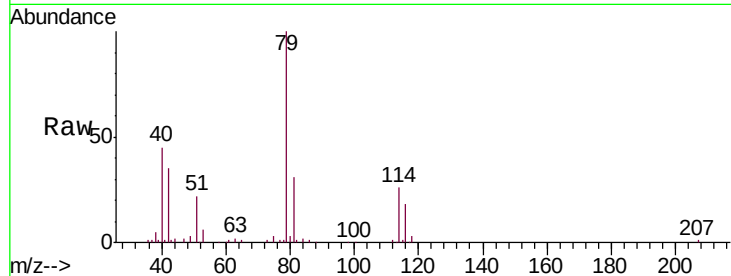




#44
trans-1,3-Dichloropropene
Concen: 0.536 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030324.D
Acq: 22 Mar 2019 21:23

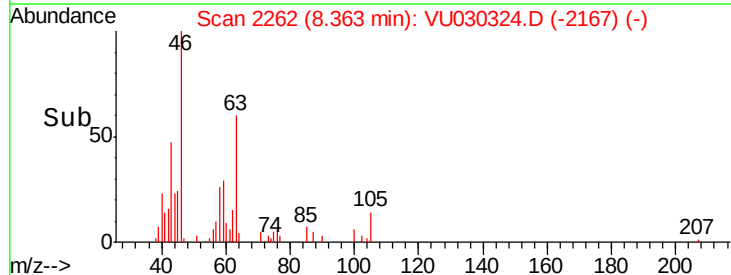
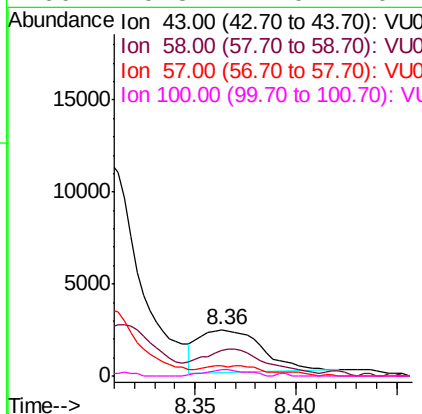
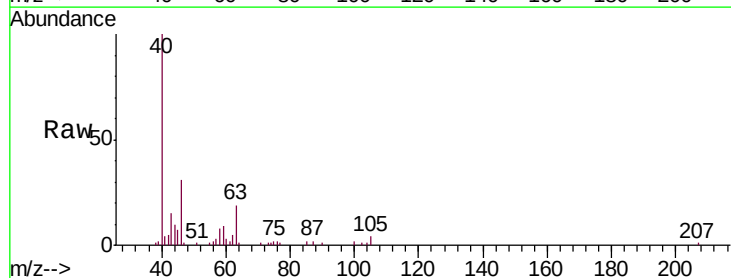
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MSVOA_U
ClientSampleId :
BF1A1

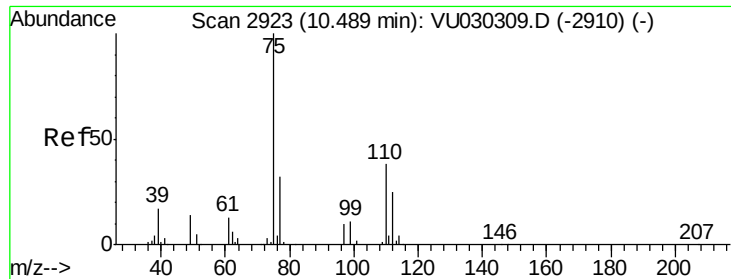
Tgt Ion: 75 Resp: 2781
Ion Ratio Lower Upper
75 100
77 39.3 22.7 42.1



#48
2-Hexanone
Concen: 1.192 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU030324.D
Acq: 22 Mar 2019 21:23

Tgt Ion: 43 Resp: 5081
Ion Ratio Lower Upper
43 100
58 67.2 49.3 73.9
57 2.8 17.0 25.4#
100 9.8 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 4.564 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030324.D

Acq: 22 Mar 2019 21:23

Instrument :

MSVOA_U

ClientSampleId :

BF1A1

Tgt Ion: 75 Resp: 23042

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8

