

Data File : VU030349.D
Acq On : 23 Mar 2019 18:50
Operator : JC/SP
Sample : K2083-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1F8

Quant Time: Mar 24 02:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Mar 24 02:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	411897	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149785	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.38%
7) Chloroethane-d5	1.84	69	341	0.13	ug/L	0.16
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.26%#
11) 1,1-Dichloroethene-d2	2.27	63	215835	34.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.64%
21) 2-Butanone-d5	4.18	46	280298	89.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.95%
24) Chloroform-d	4.65	84	262915	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.31	65	178162	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.34	84	550323	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.33	67	193756	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.56	98	491292	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.85	79	85175	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.70%
47) 2-Hexanone-d5	8.31	63	196192	92.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	257961	46.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	167889	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

Target Compounds

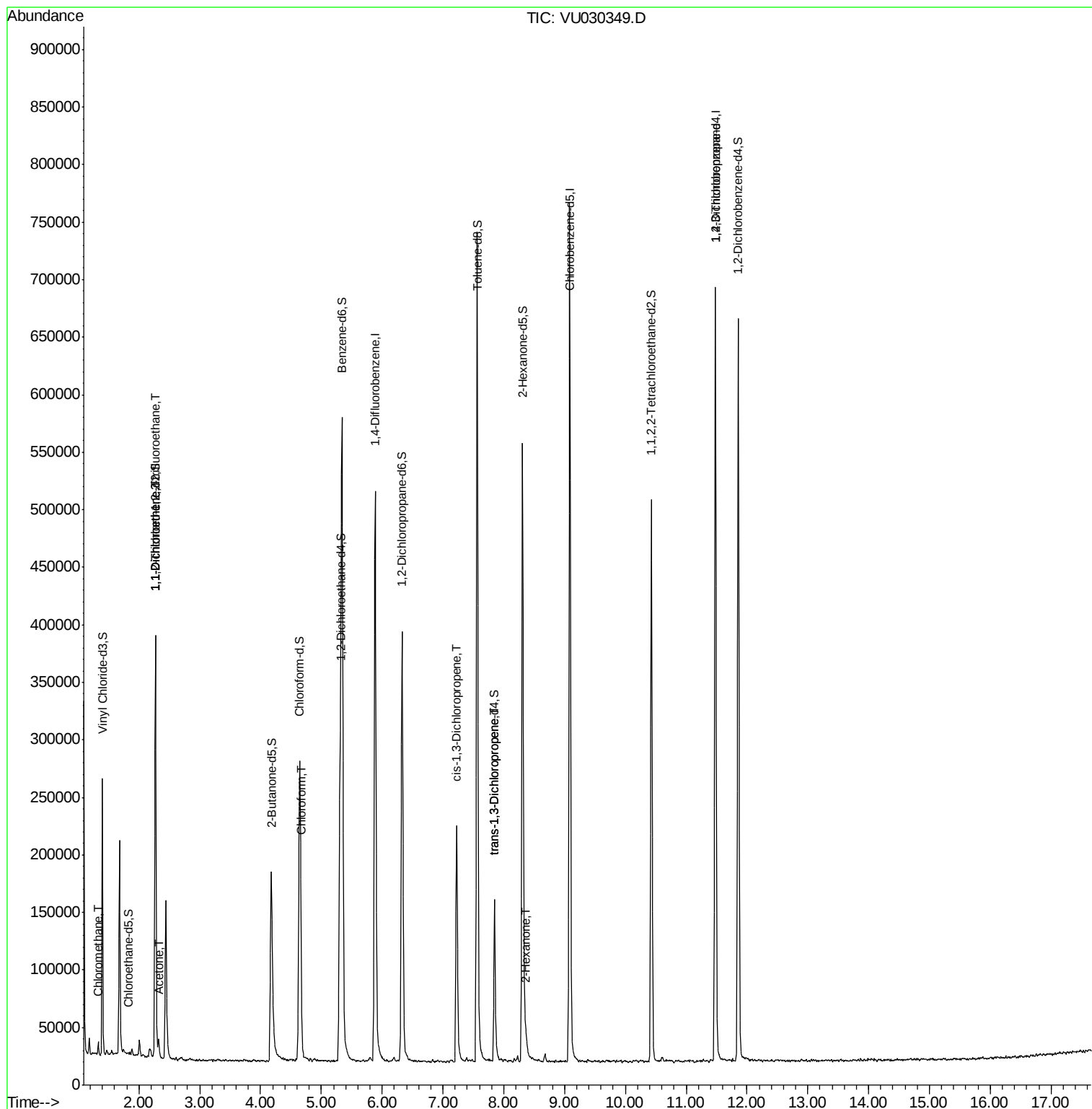
					Qvalue
3) Chloromethane	1.33	50	7858	1.546	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1801	0.599	ug/L # 23
12) 1,1-Dichloroethene	2.27	96	1725	0.585	ug/L # 1
13) Acetone	2.32	43	13620	4.322	ug/L 96
25) Chloroform	4.67	83	3599	0.597	ug/L 99
39) cis-1,3-Dichloropropene	7.23	75	4819	0.871	ug/L # 59
44) trans-1,3-Dichloropropene	7.85	75	3671	0.754	ug/L 88
48) 2-Hexanone	8.37	43	9706	1.832	ug/L # 74
59) 1,2,3-Trichloropropane	11.48	75	22968	4.904	ug/L 93

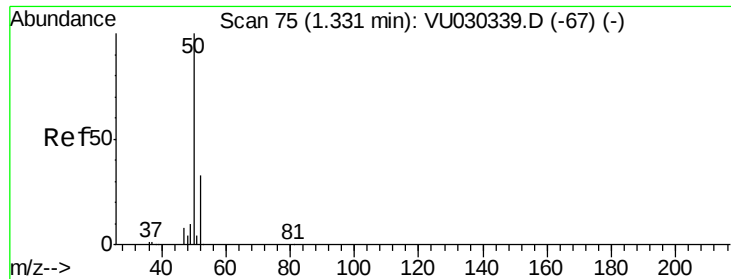
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.546 ug/L

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030349.D

Acq: 23 Mar 2019 18:50

Instrument :

MSVOA_U

ClientSampleId :

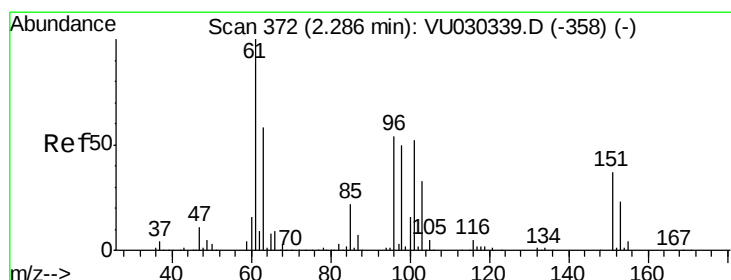
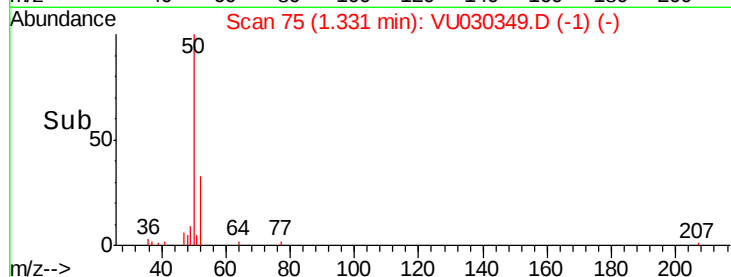
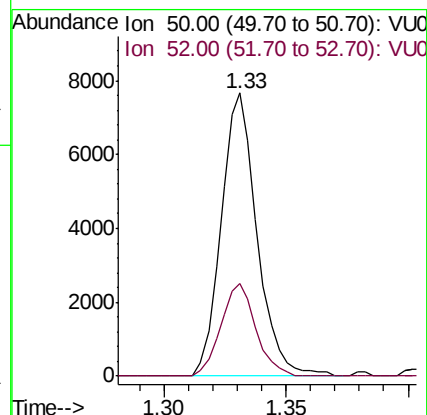
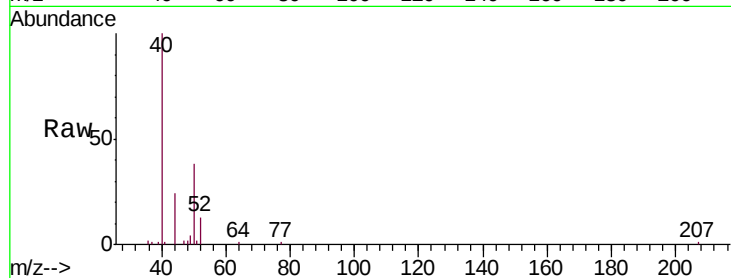
BF1F8

Tgt Ion: 50 Resp: 7858

Ion Ratio Lower Upper

50 100

52 32.9 23.0 42.6



#10

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

Concen: 0.599 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030349.D

Acq: 23 Mar 2019 18:50

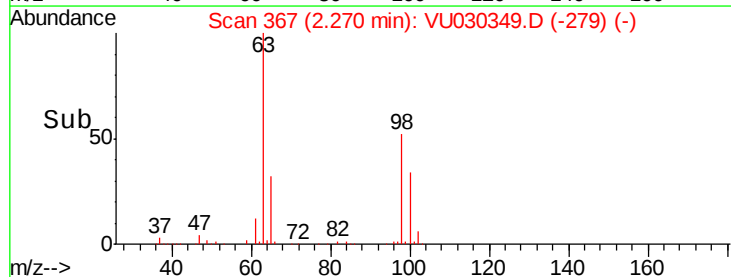
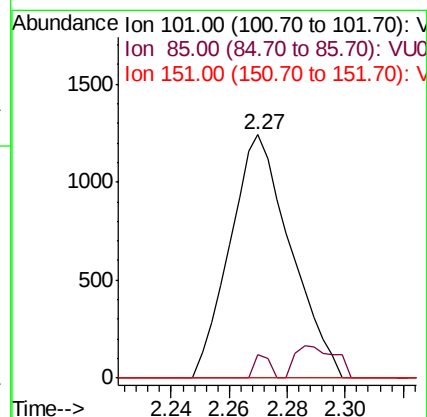
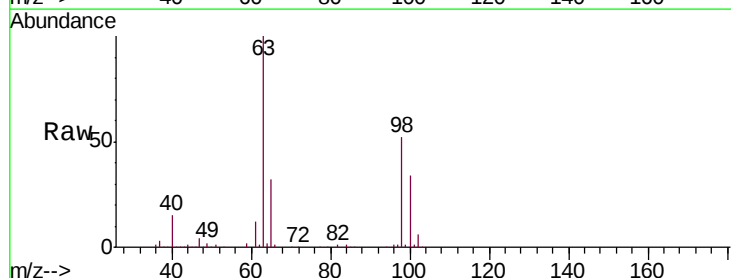
Tgt Ion: 101 Resp: 1801

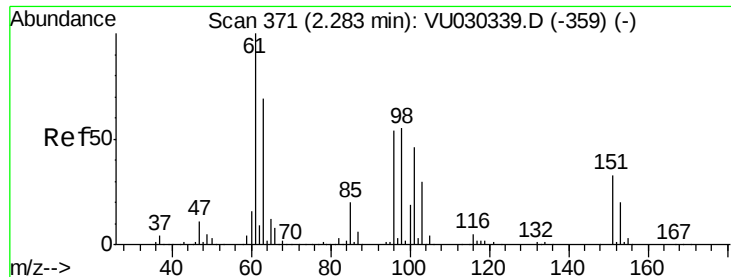
Ion Ratio Lower Upper

101 100

85 2.4 34.8 52.2#

151 0.0 56.6 85.0#





#12

1,1-Dichloroethene

Concen: 0.585 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030349.D

Acq: 23 Mar 2019 18:50

Instrument :

MSVOA_U

ClientSampled :

BF1F8

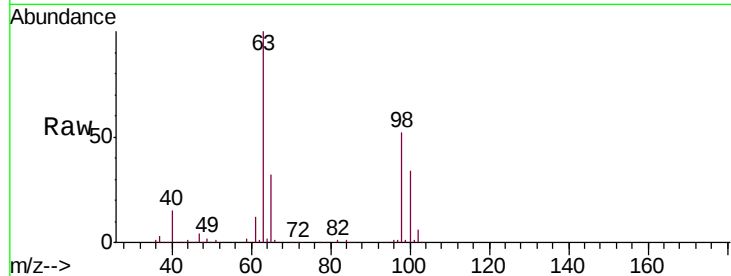
Tgt Ion: 96 Resp: 1725

Ion Ratio Lower Upper

96 100

61 1552.9 131.0 243.4#

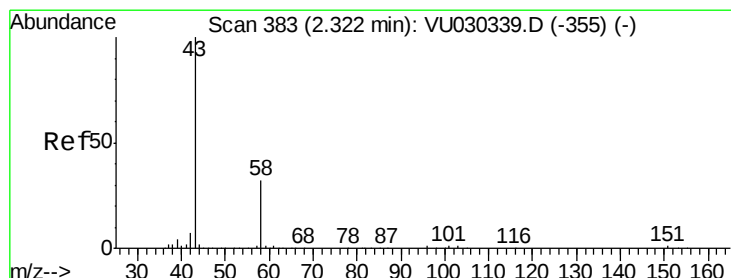
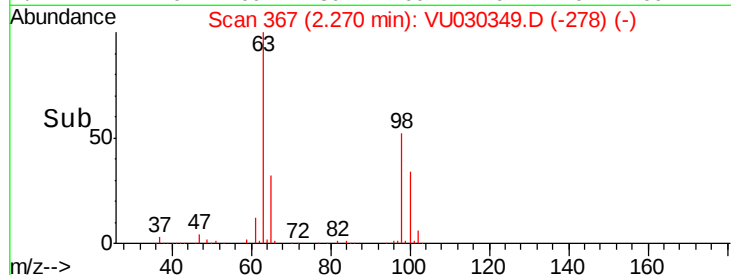
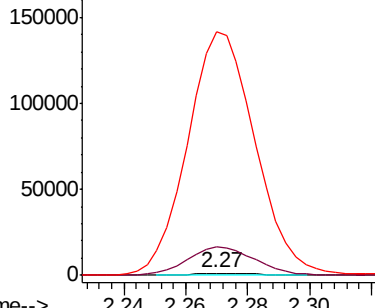
63 13224.3 92.4 171.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030339.D (-359) (-)

Ion 61.00 (60.70 to 61.70): VU030339.D (-359) (-)

Ion 63.00 (62.70 to 63.70): VU030339.D (-359) (-)



#13

Acetone

Concen: 4.322 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU030349.D

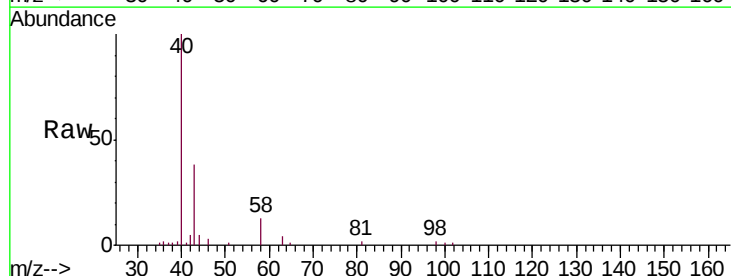
Acq: 23 Mar 2019 18:50

Tgt Ion: 43 Resp: 13620

Ion Ratio Lower Upper

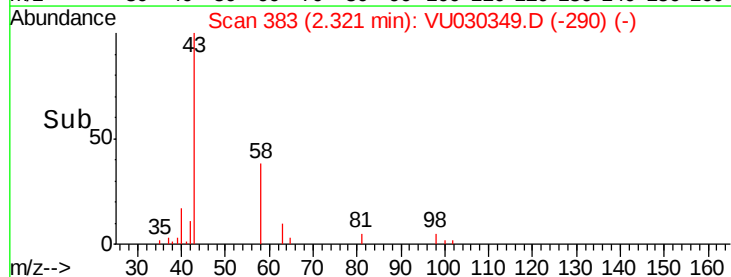
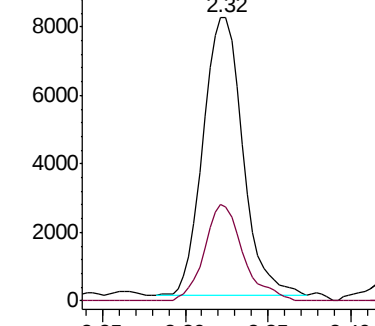
43 100

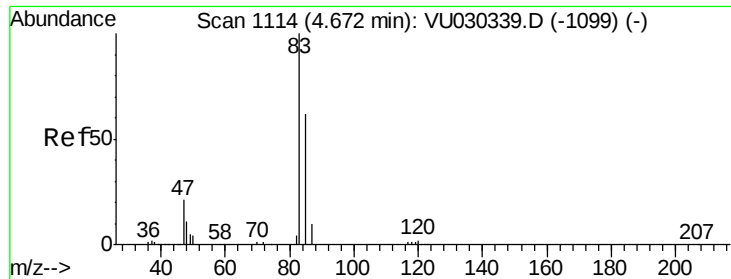
58 33.8 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030339.D (-355) (-)

Ion 58.00 (57.70 to 58.70): VU030339.D (-355) (-)

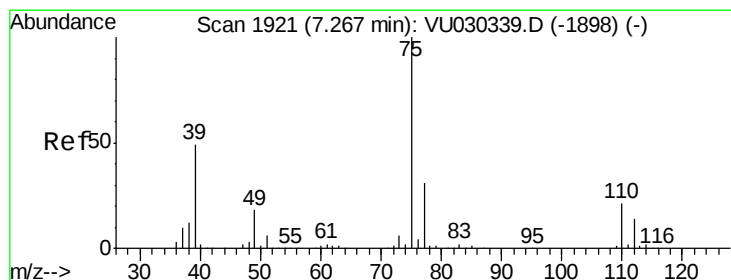
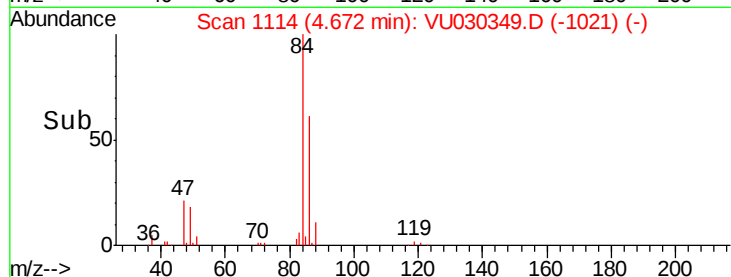
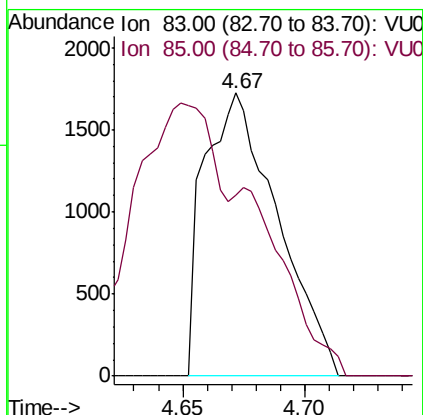
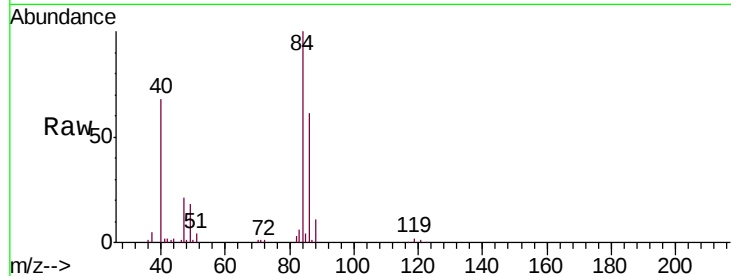




#25
Chloroform
Concen: 0.597 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU030349.D
Acq: 23 Mar 2019 18:50

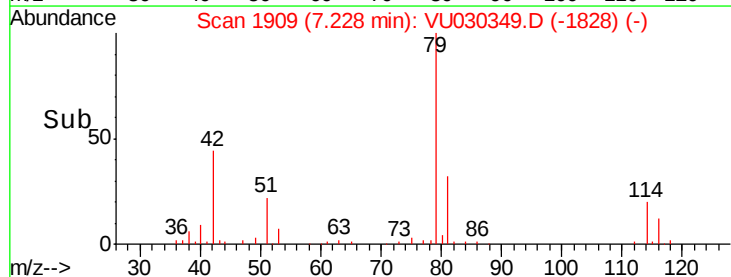
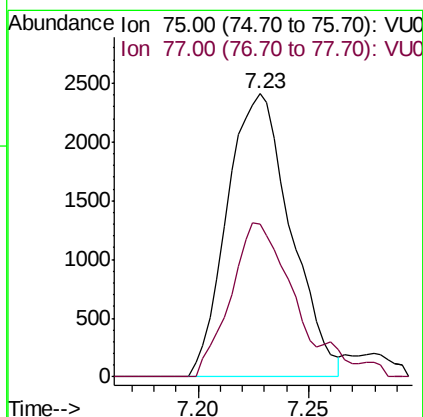
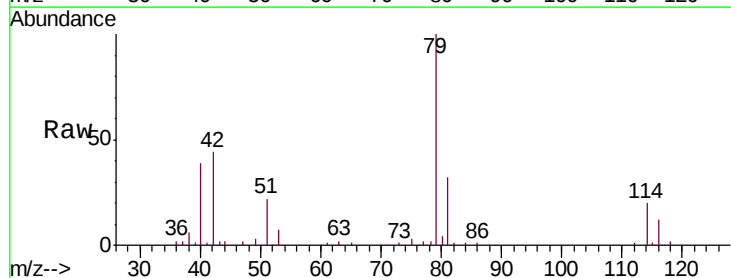
Instrument :
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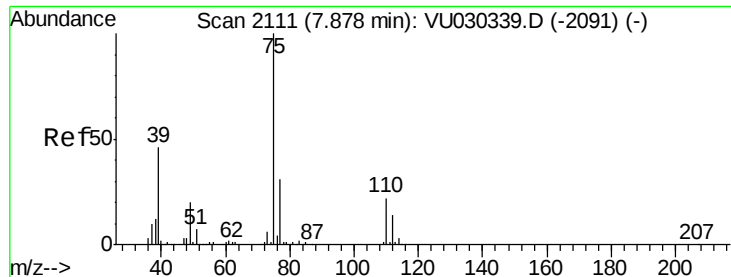
Tgt Ion: 83 Resp: 3599
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4



#39
cis-1,3-Dichloropropene
Concen: 0.871 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030349.D
Acq: 23 Mar 2019 18:50

Tgt Ion: 75 Resp: 4819
Ion Ratio Lower Upper
75 100
77 53.9 21.8 40.6#

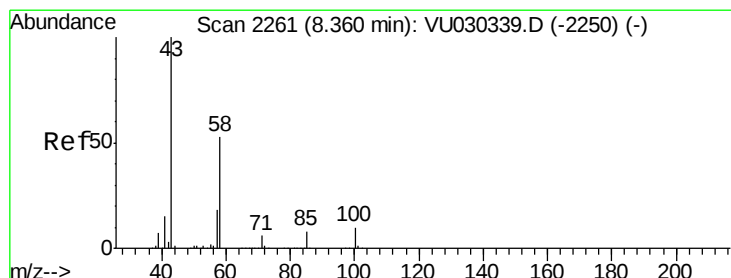
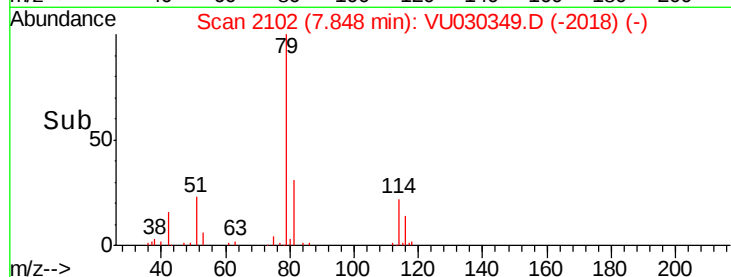
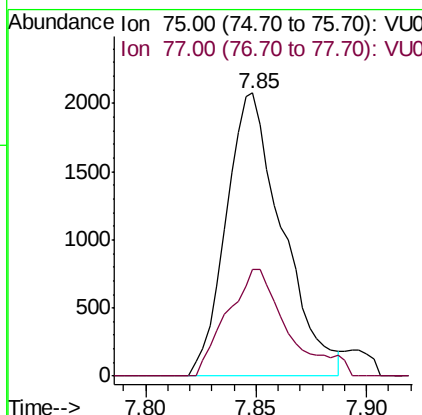
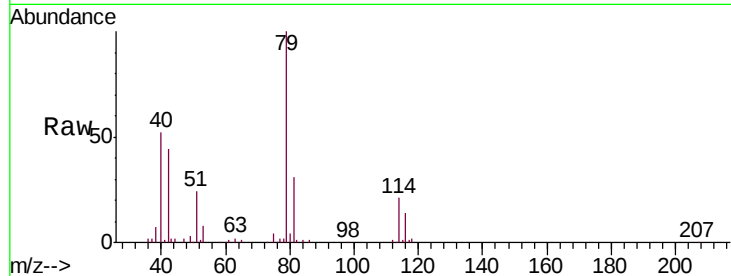




#44
trans-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030349.D
Acq: 23 Mar 2019 18:50

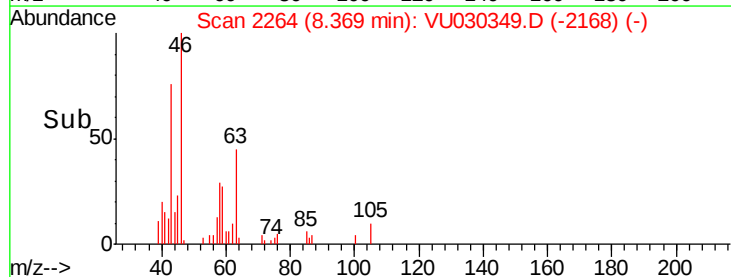
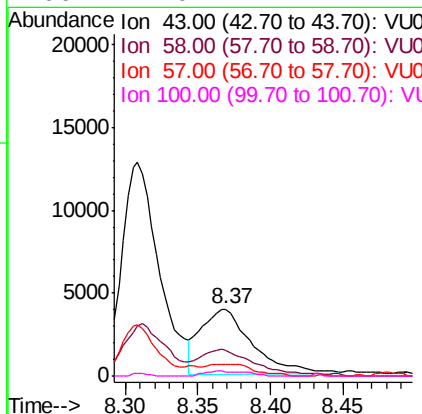
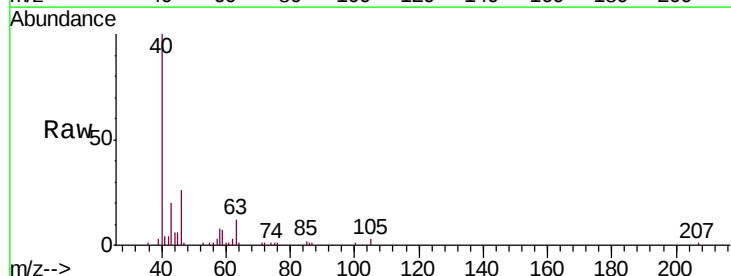
Instrument :
MSVOA_U
ClientSampleId :
BF1F8

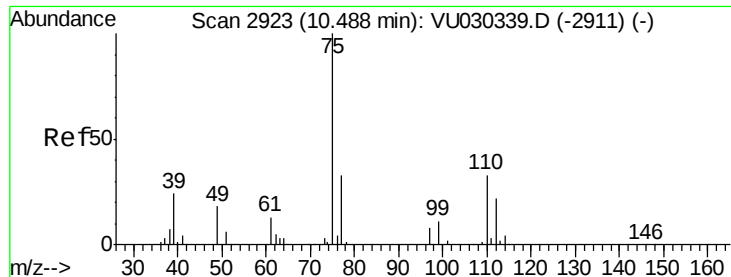
Tgt Ion: 75 Resp: 3671
Ion Ratio Lower Upper
75 100
77 37.9 22.0 40.8



#48
2-Hexanone
Concen: 1.832 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030349.D
Acq: 23 Mar 2019 18:50

Tgt Ion: 43 Resp: 9706
Ion Ratio Lower Upper
43 100
58 36.2 42.5 63.7#
57 1.8 15.0 22.6#
100 4.0 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 4.904 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030349.D

Acq: 23 Mar 2019 18:50

Instrument :

MSVOA_U

ClientSampleId :

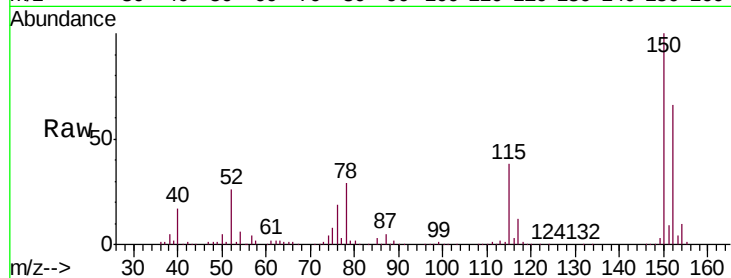
BF1F8

Tgt Ion: 75 Resp: 22968

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

