

Data File : VU033411.D
Acq On : 25 Jul 2019 15:30
Operator : JC/SP
Sample : K3957-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A29

Quant Time: Jul 26 04:38:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	265885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	272371	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	118075	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	72684	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.22%
7) Chloroethane-d5	1.67	69	72325	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.12%
11) 1,1-Dichloroethene-d2	2.26	63	99481	27.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.50%#
21) 2-Butanone-d5	4.15	46	128061	100.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.62	84	148274	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.29	65	103547	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.32	84	283535	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.86%
36) 1,2-Dichloropropane-d6	6.31	67	99888	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.55	98	247858	39.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.68%#
43) trans-1,3-Dichloropropene-	7.83	79	41610	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
47) 2-Hexanone-d5	8.29	63	89729	92.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.99%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	160396	49.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	103930	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

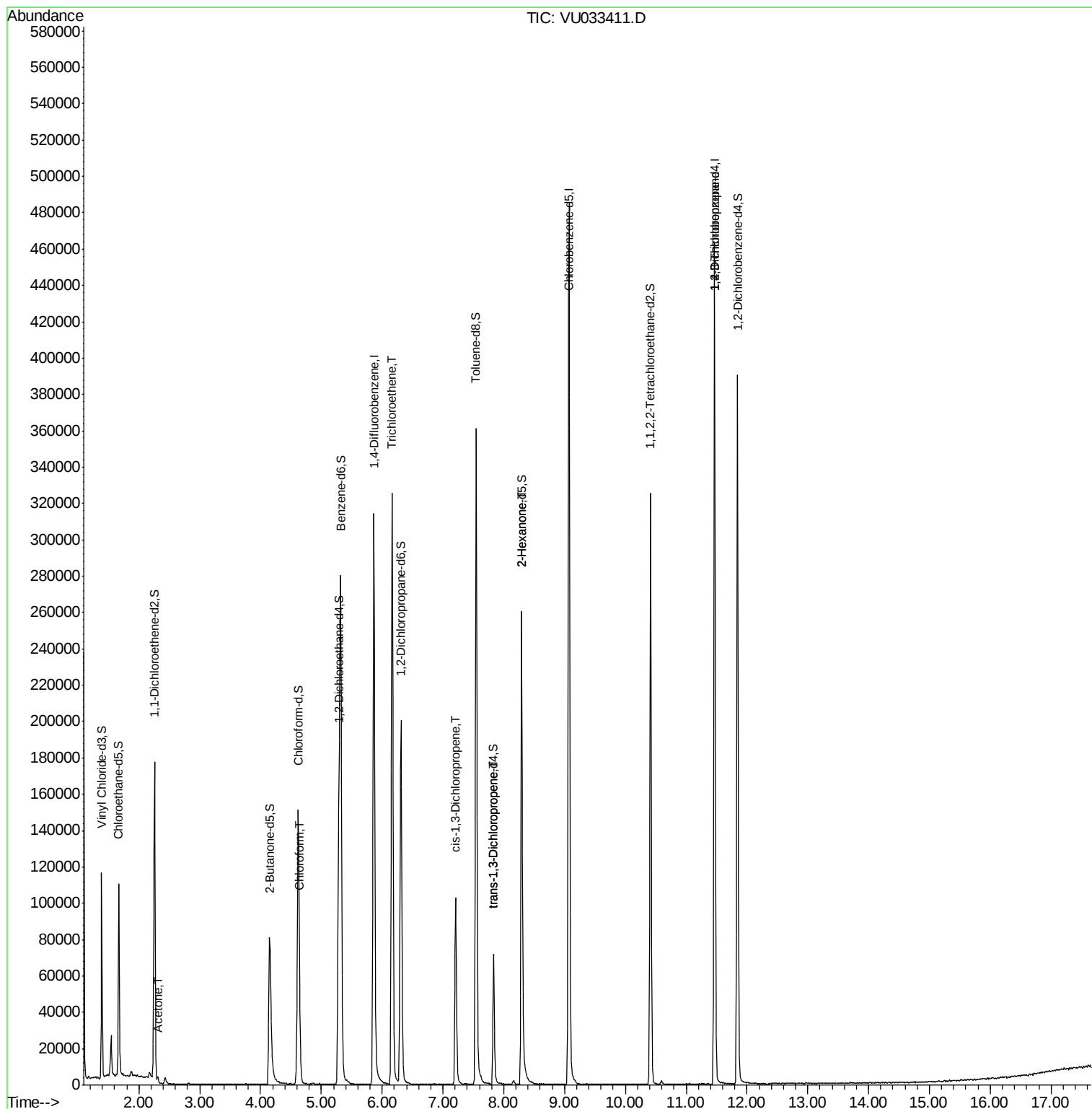
					Qvalue
13) Acetone	2.31	43	1747	1.096 ug/L	97
25) Chloroform	4.65	83	6839	1.824 ug/L	93
34) Trichloroethene	6.16	95	114124	54.938 ug/L	100
39) cis-1,3-Dichloropropene	7.21	75	2698	0.817 ug/L #	64
44) trans-1,3-Dichloropropene	7.83	75	1981	0.665 ug/L	90
48) 2-Hexanone	8.30	43	11033	4.686 ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	14551	5.189 ug/L #	85

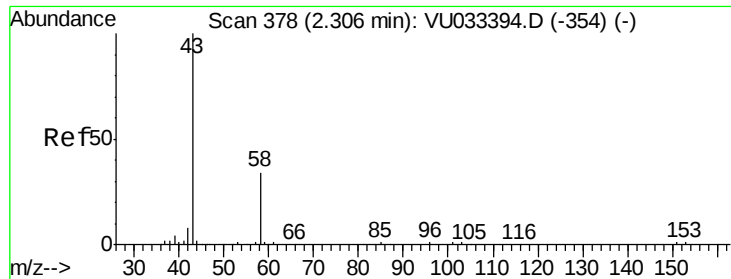
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.096 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU033411.D

Acq: 25 Jul 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

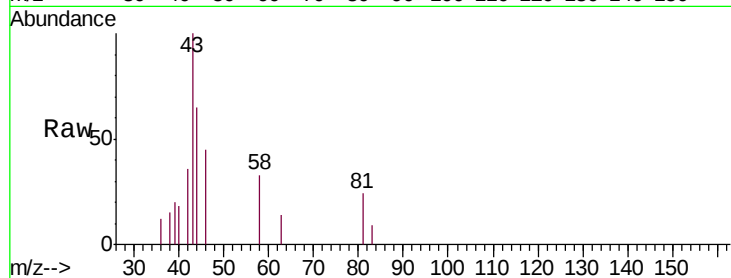
F2A29

Tgt Ion: 43 Resp: 1747

Ion Ratio Lower Upper

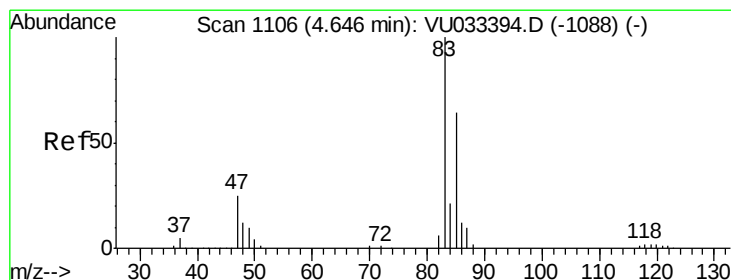
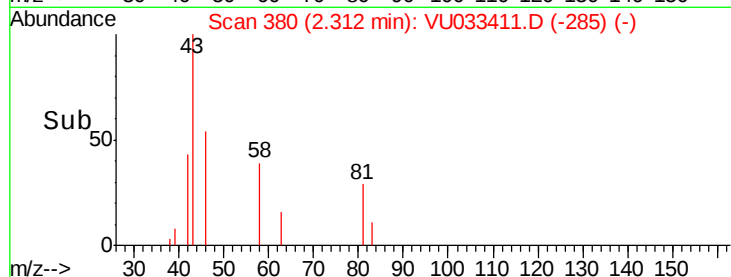
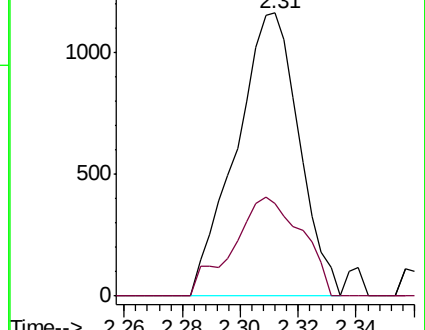
43 100

58 34.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033394.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033394.D (-354) (-)



#25

Chloroform

Concen: 1.824 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033411.D

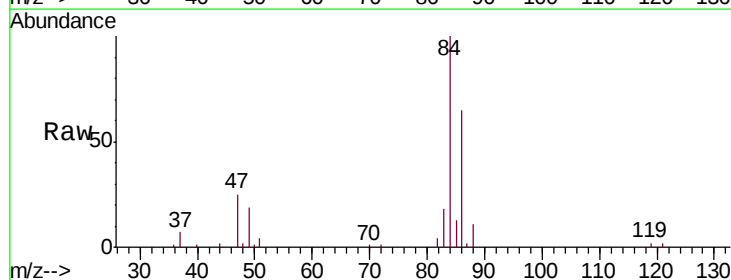
Acq: 25 Jul 2019 15:30

Tgt Ion: 83 Resp: 6839

Ion Ratio Lower Upper

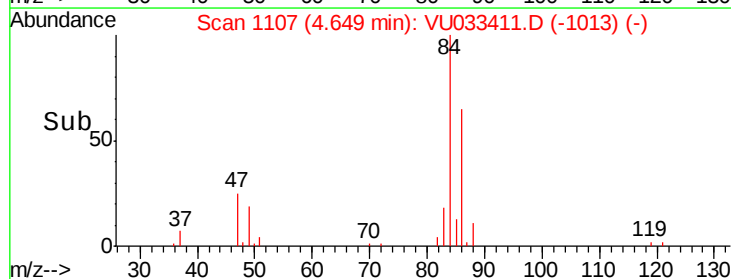
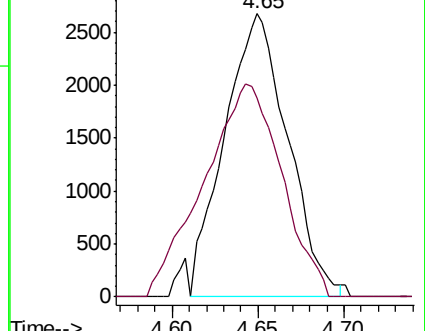
83 100

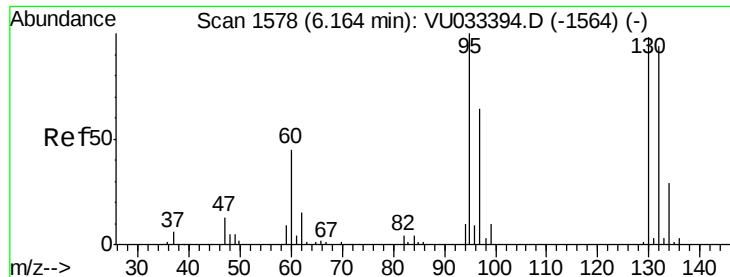
85 70.3 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033394.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033394.D (-1088) (-)





#34

Trichloroethene

Concen: 54.938 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033411.D

Acq: 25 Jul 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

F2A29

Tgt Ion: 95 Resp: 114124

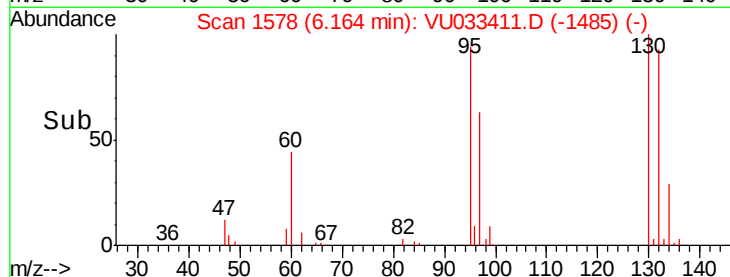
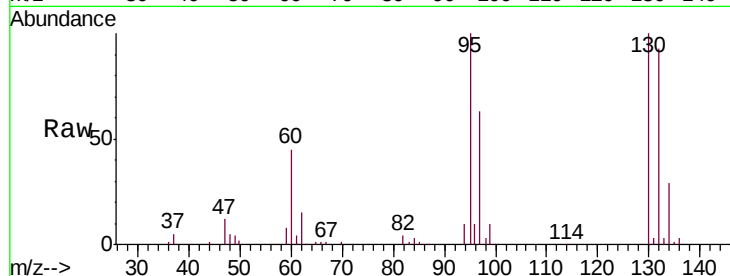
Ion Ratio Lower Upper

95 100

97 63.1 43.8 81.4

132 93.3 65.5 121.6

130 100.0 69.7 129.5

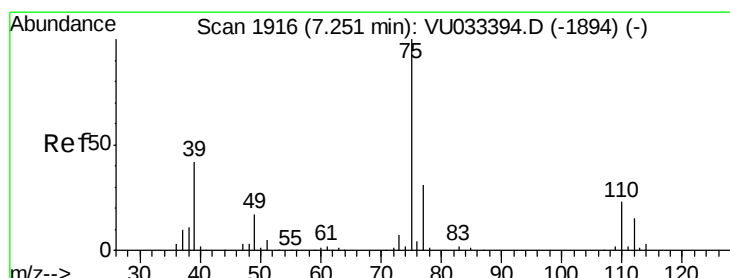
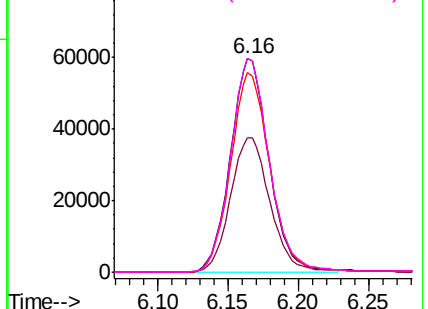


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.817 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU033411.D

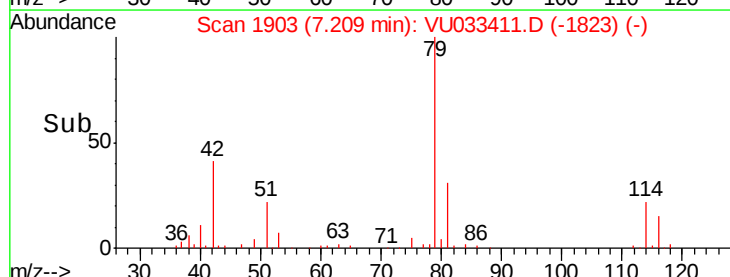
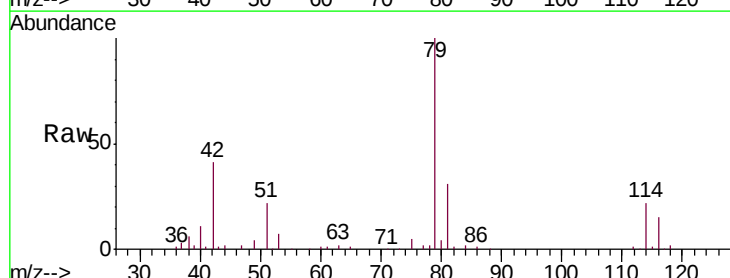
Acq: 25 Jul 2019 15:30

Tgt Ion: 75 Resp: 2698

Ion Ratio Lower Upper

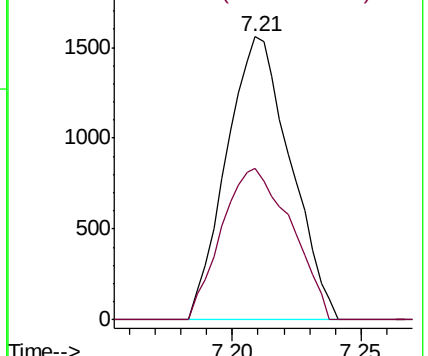
75 100

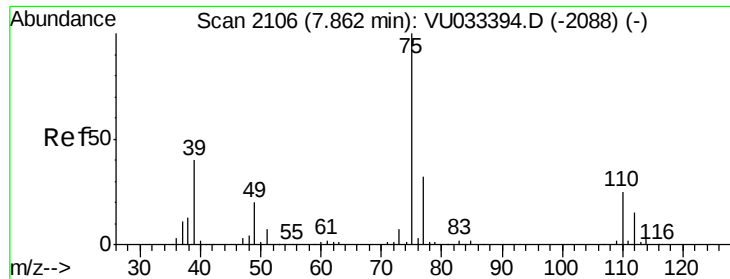
77 53.3 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

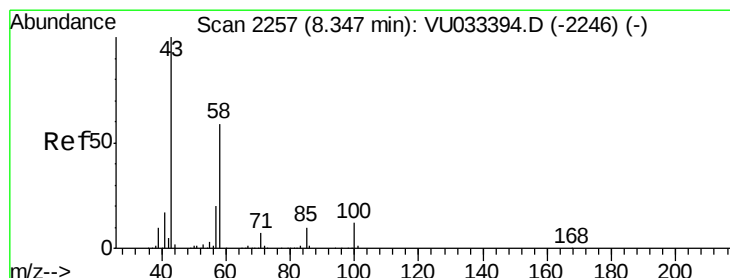
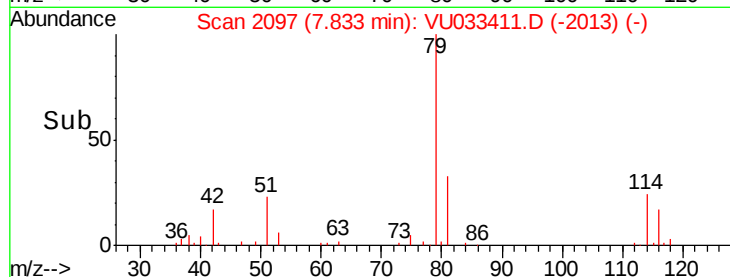
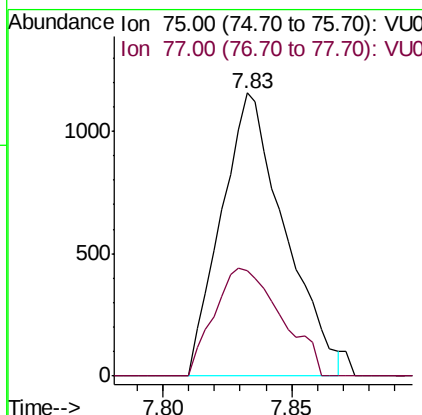
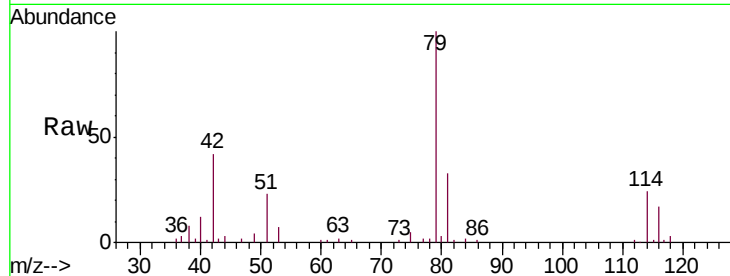




#44
trans-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033411.D
Acq: 25 Jul 2019 15:30

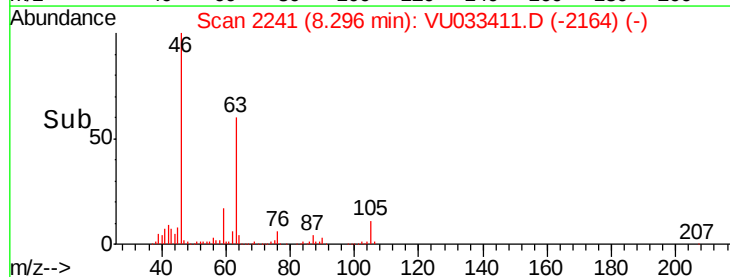
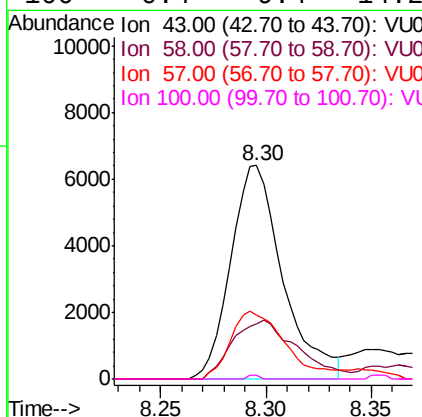
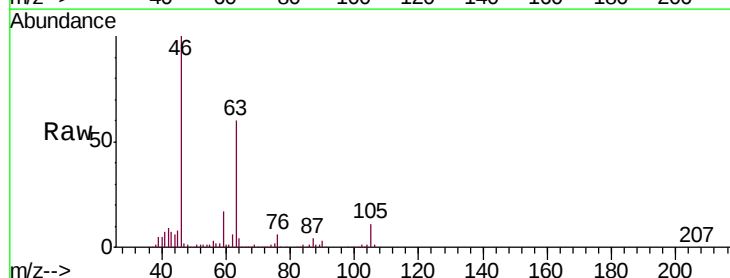
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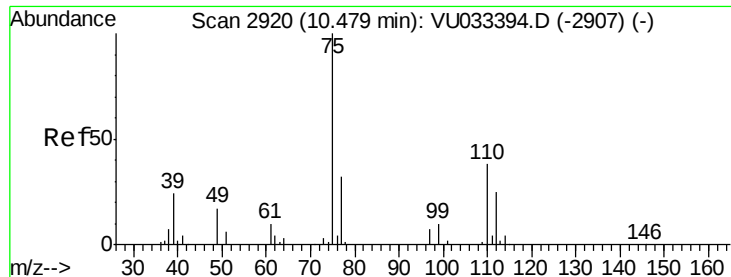
Tgt Ion: 75 Resp: 1981
Ion Ratio Lower Upper
75 100
77 37.4 22.4 41.6



#48
2-Hexanone
Concen: 4.686 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033411.D
Acq: 25 Jul 2019 15:30

Tgt Ion: 43 Resp: 11033
Ion Ratio Lower Upper
43 100
58 34.4 46.1 69.1#
57 34.0 15.8 23.8#
100 0.4 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.189 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033411.D

Acq: 25 Jul 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

F2A29

Tgt Ion: 75 Resp: 14551

Ion Ratio Lower Upper

75 100

77 40.7 26.0 39.0#

