

Data File : VU033405.D
Acq On : 25 Jul 2019 13:12
Operator : JC/SP
Sample : K3957-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A13

Quant Time: Jul 26 04:37:32 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	5.87	114	266853	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	280247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	121745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77534	38.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.76%
7) Chloroethane-d5	1.67	69	77089	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.34%
11) 1,1-Dichloroethene-d2	2.25	63	130215	35.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.08%
21) 2-Butanone-d5	4.15	46	131078	102.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.41%
24) Chloroform-d	4.62	84	152156	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
26) 1,2-Dichloroethane-d4	5.29	65	106655	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.32	84	305937	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.31	67	103301	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.55	98	266806	41.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.30%
43) trans-1,3-Dichloropropene-	7.83	79	45547	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.36%
47) 2-Hexanone-d5	8.29	63	90464	91.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165051	49.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	109684	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

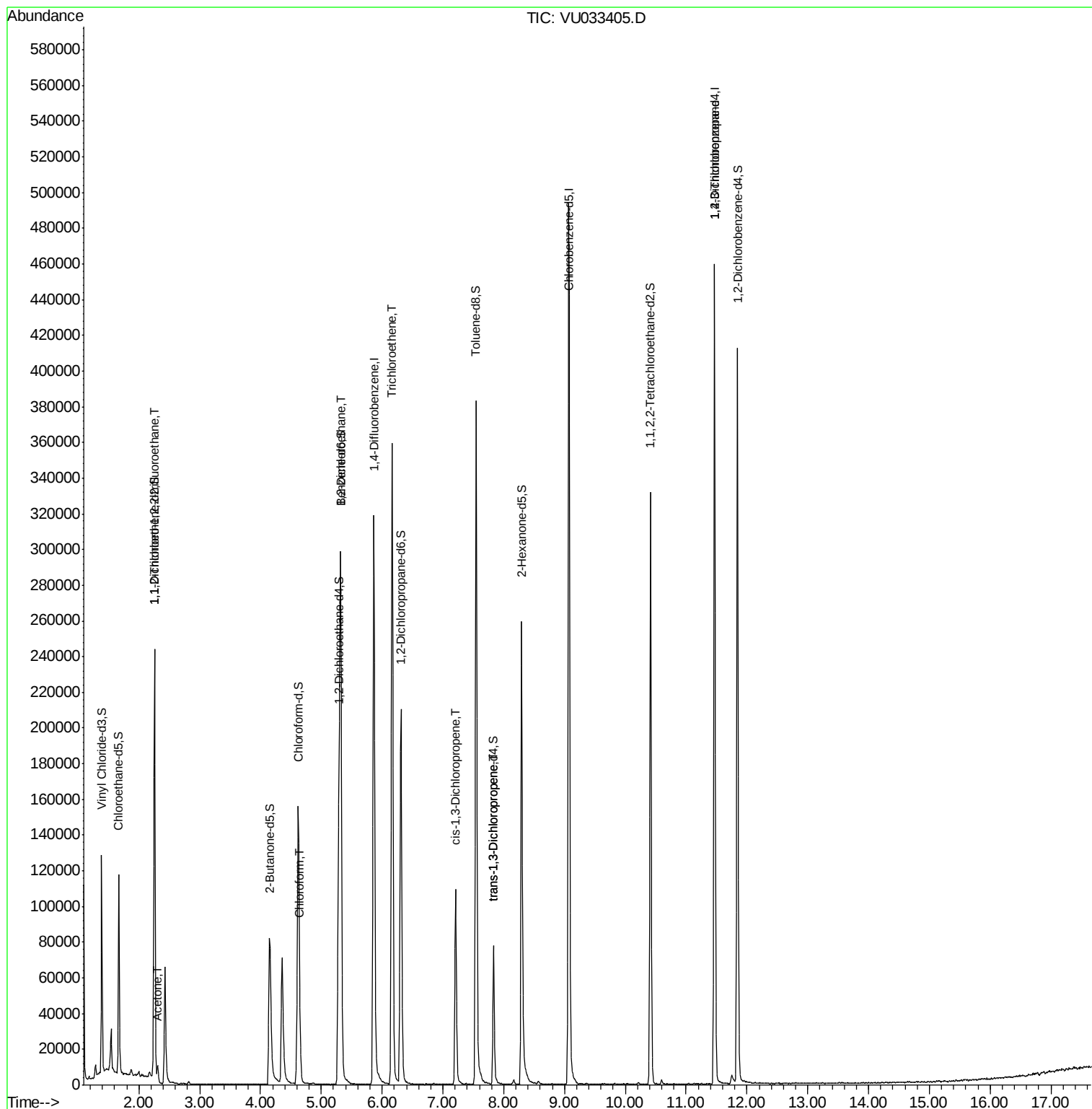
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1191	0.654 ug/L #	21
13) Acetone	2.31	43	9417	5.889 ug/L	96
25) Chloroform	4.65	83	10002	2.658 ug/L	97
27) 1,2-Dichloroethane	5.32	62	1654	0.568 ug/L #	76
34) Trichloroethene	6.16	95	125502	58.717 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	2705	0.796 ug/L #	47
44) trans-1,3-Dichloropropene	7.83	75	1867	0.609 ug/L #	24
59) 1,2,3-Trichloropropane	11.47	75	14909	5.167 ug/L	89

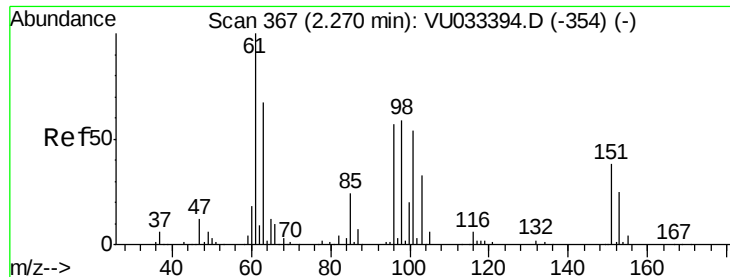
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.654 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Acq: 25 Jul 2019 13:12

Instrument :

MSVOA_U

ClientSampleId :

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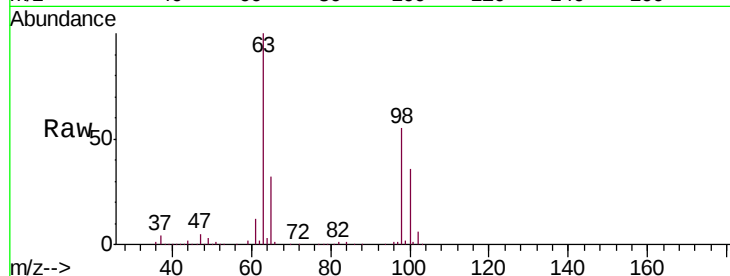
Tgt Ion:101 Resp: 1191

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

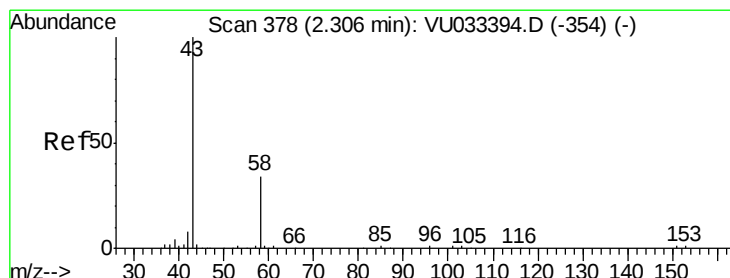
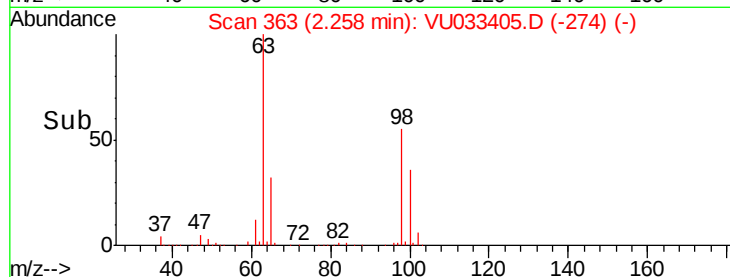
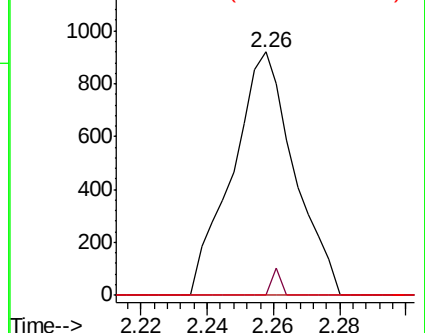
151 0.0 56.7 85.1#



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



#13

Acetone

Concen: 5.889 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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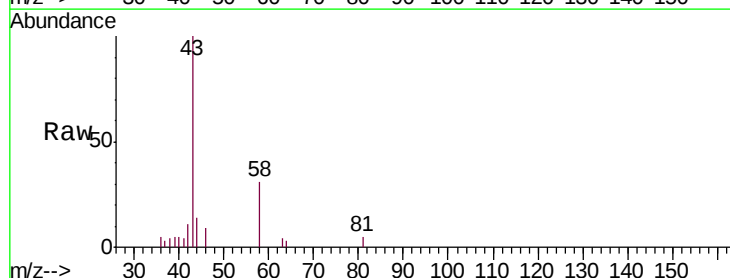
Acq: 25 Jul 2019 13:12

Tgt Ion: 43 Resp: 9417

Ion Ratio Lower Upper

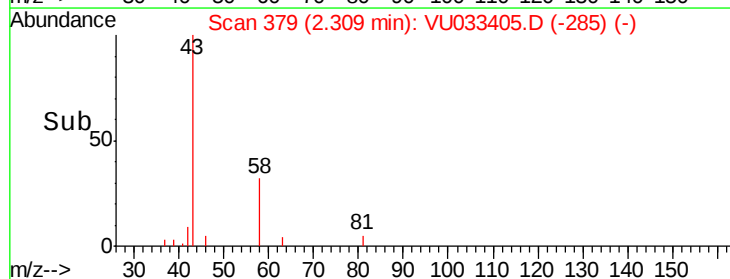
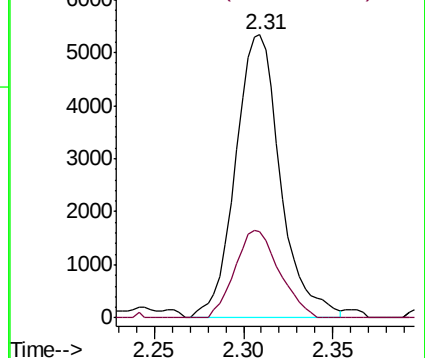
43 100

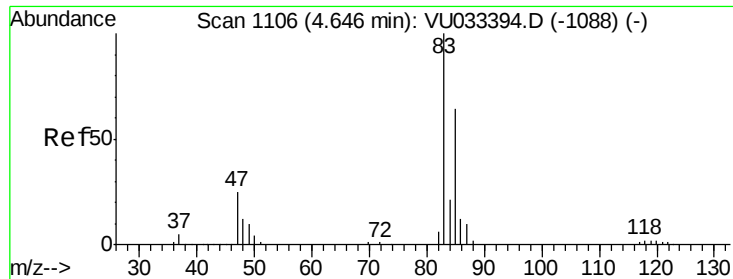
58 30.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

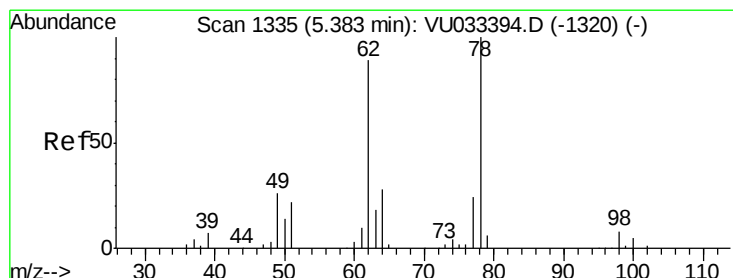
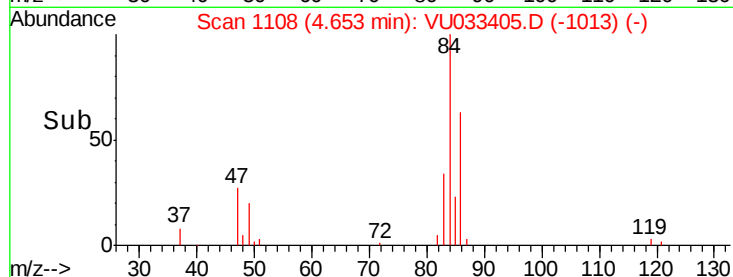
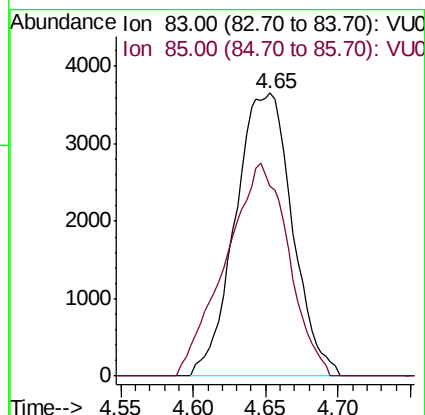
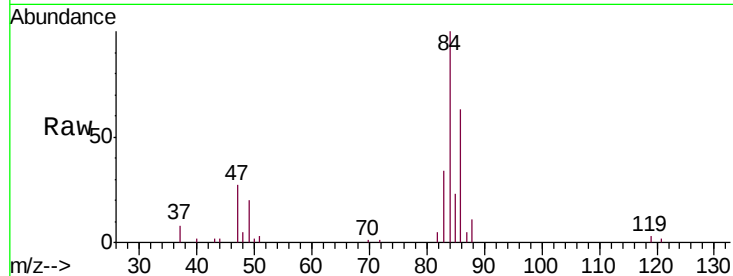




#25
Chloroform
Concen: 2.658 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU033405.D
Acq: 25 Jul 2019 13:12

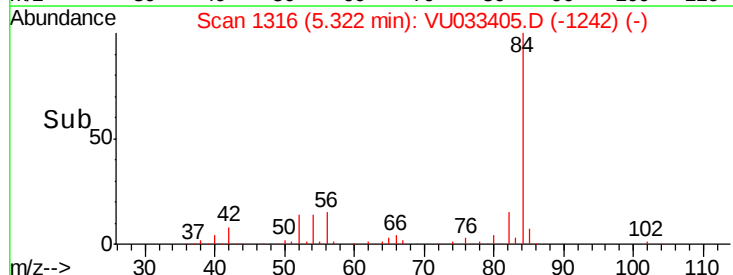
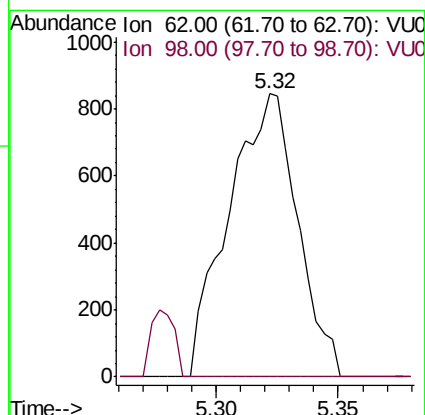
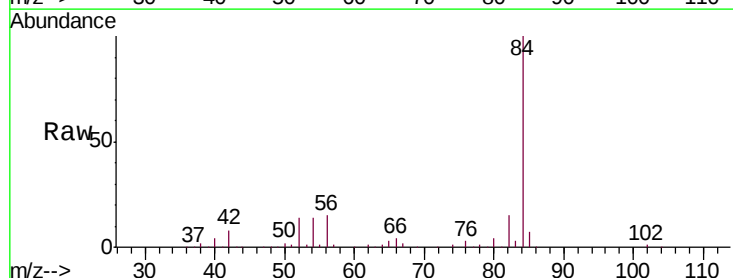
Instrument :
MSVOA_U
ClientSampleId :
F2A13

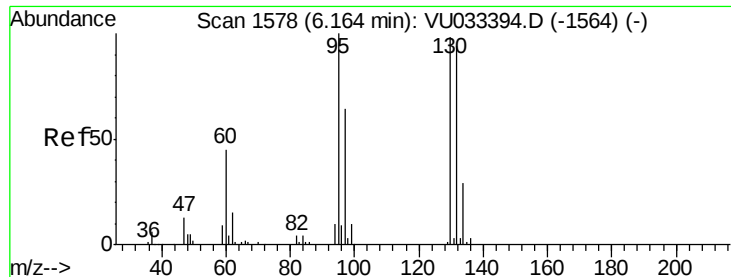
Tgt Ion: 83 Resp: 10002
Ion Ratio Lower Upper
83 100
85 66.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.568 ug/L
RT: 5.32 min Scan# 1316
Delta R.T. -0.06 min
Lab File: VU033405.D
Acq: 25 Jul 2019 13:12

Tgt Ion: 62 Resp: 1654
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#

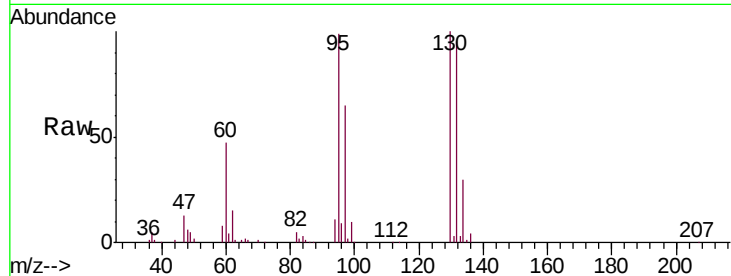




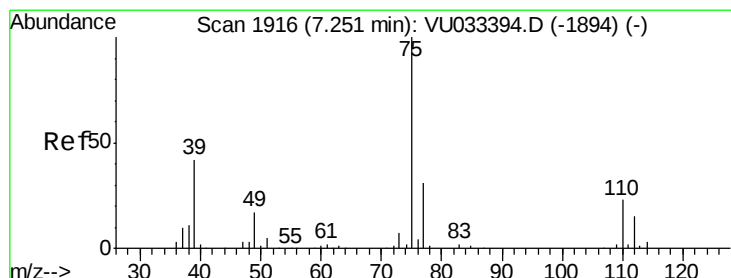
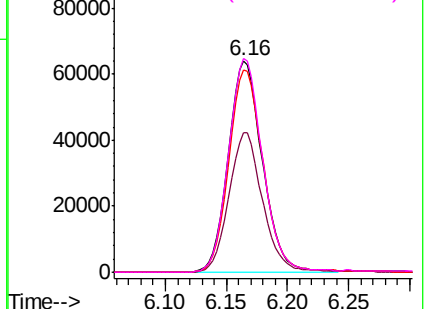
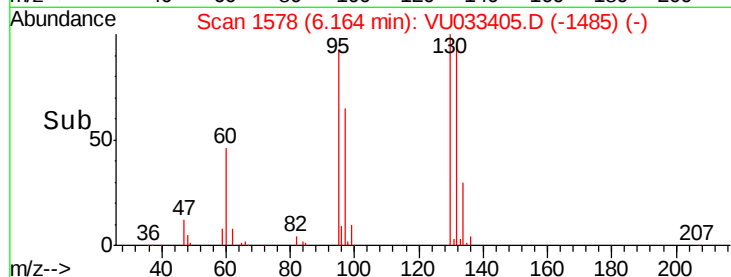
#34
 Trichloroethene
 Concen: 58.717 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033405.D
 Acq: 25 Jul 2019 13:12

Instrument :
 MSVOA_U
 ClientSampled :
 F2A13

Tgt Ion:	95	Resp:	125502
Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.8	81.4
132	95.8	65.5	121.6
130	100.9	69.7	129.5

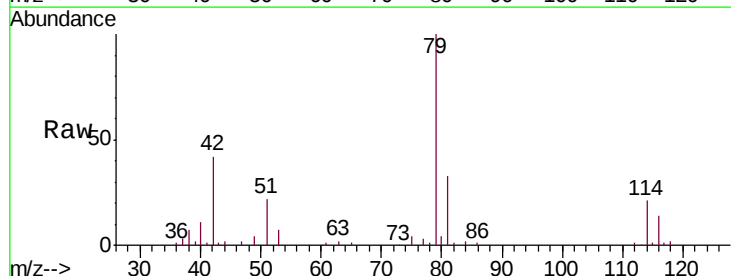


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

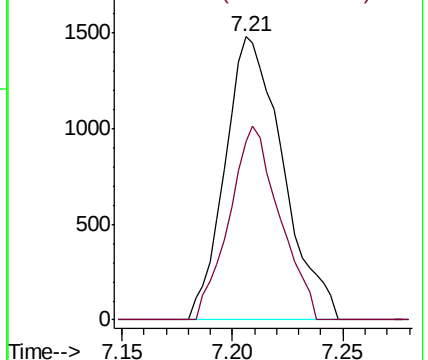
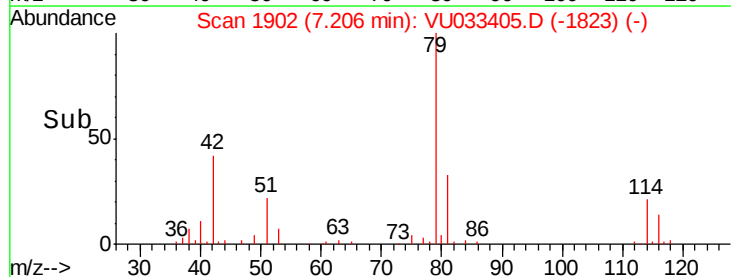


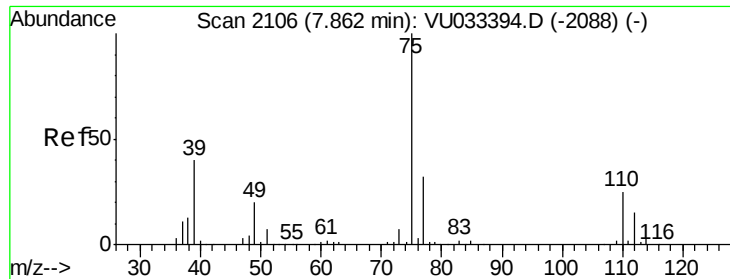
#39
 cis-1,3-Dichloropropene
 Concen: 0.796 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033405.D
 Acq: 25 Jul 2019 13:12

Tgt Ion:	75	Resp:	2705
Ion	Ratio	Lower	Upper
75	100		
77	62.9	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: 0.609 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033405.D

Acq: 25 Jul 2019 13:12

Instrument :

MSVOA_U

ClientSampleId :

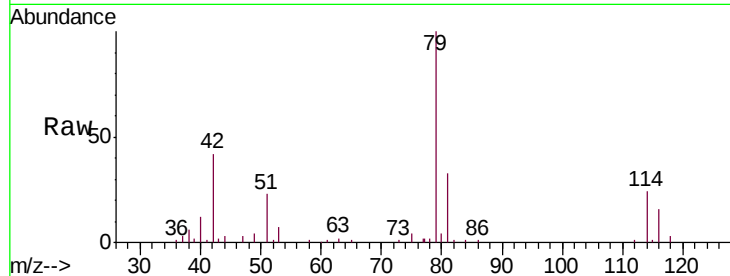
F2A13

Tgt Ion: 75 Resp: 1867

Ion Ratio Lower Upper

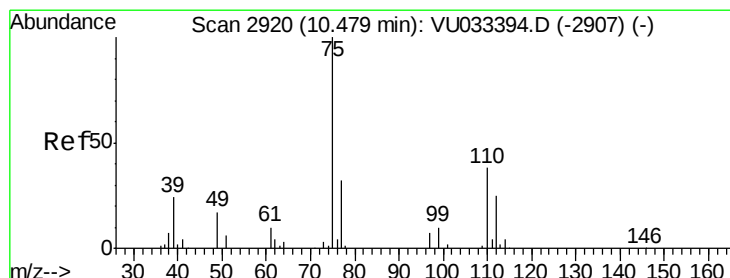
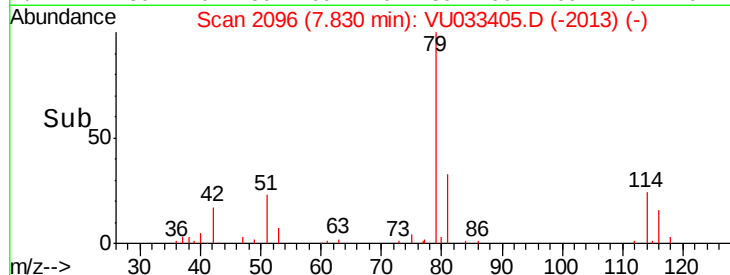
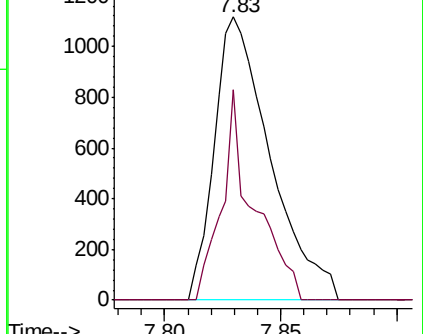
75 100

77 74.3 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.167 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033405.D

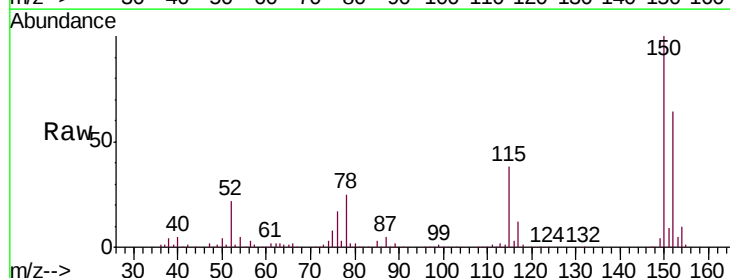
Acq: 25 Jul 2019 13:12

Tgt Ion: 75 Resp: 14909

Ion Ratio Lower Upper

75 100

77 38.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

