

Data File : VU030147.D
Acq On : 16 Mar 2019 16:09
Operator : JC/SP
Sample : K1936-03 10X
Misc : 5.71/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0W0

Quant Time: Mar 18 04:28:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	572973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	567073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278436	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138035	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.67	69	119363	39.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.04%
11) 1,1-Dichloroethene-d2	2.27	63	193821	28.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.66%#
21) 2-Butanone-d5	4.17	46	252105	88.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.78%
24) Chloroform-d	4.64	84	278860	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
26) 1,2-Dichloroethane-d4	5.31	65	173628	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
32) Benzene-d6	5.33	84	587011	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.42%
36) 1,2-Dichloropropane-d6	6.32	67	189948	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.04%
41) Toluene-d8	7.56	98	526767	38.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.08%#
43) trans-1,3-Dichloropropene-	7.85	79	84426	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.02%
47) 2-Hexanone-d5	8.31	63	217302	86.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303823	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	236025	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%

Target Compounds

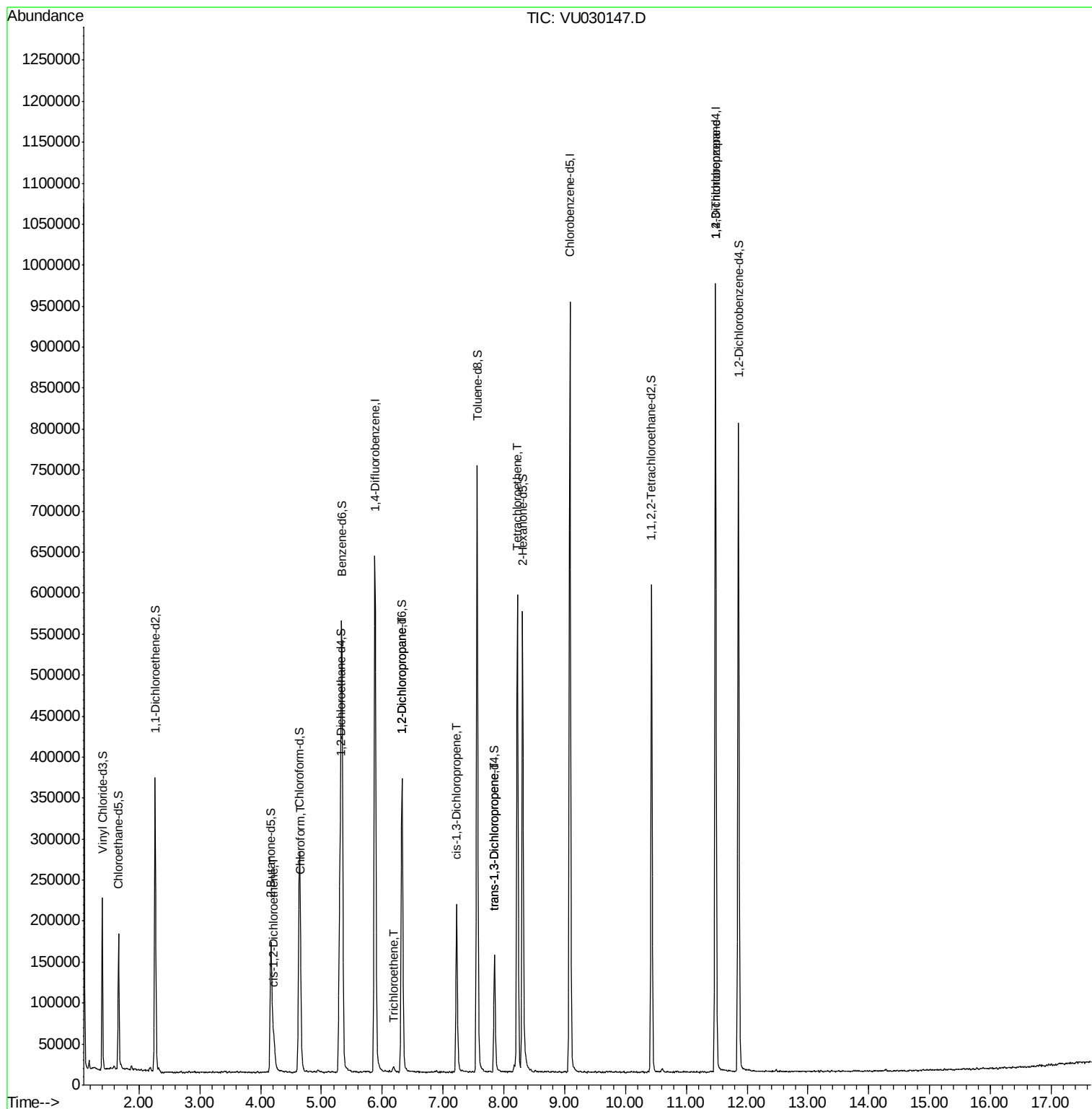
						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	17515	3.934	ug/L	94
25) Chloroform	4.67	83	8691	1.233	ug/L	88
34) Trichloroethene	6.18	95	2151	0.506	ug/L	88
37) 1,2-Dichloropropane	6.32	63	18416	4.315	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	4753	0.716	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	3280	0.541	ug/L	87
46) Tetrachloroethene	8.22	164	140989	37.881	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	28188	5.071	ug/L	92

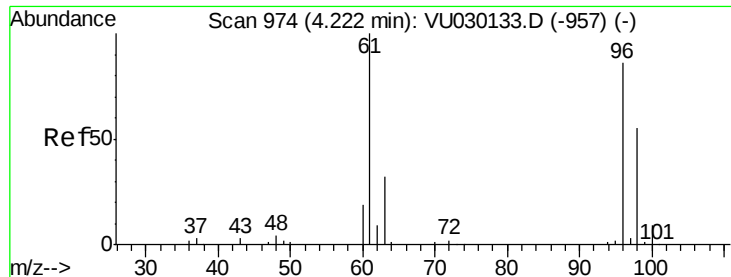
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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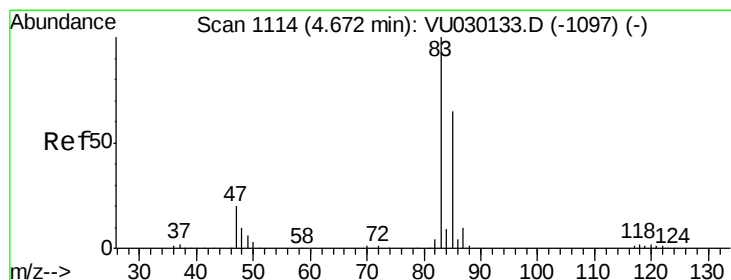
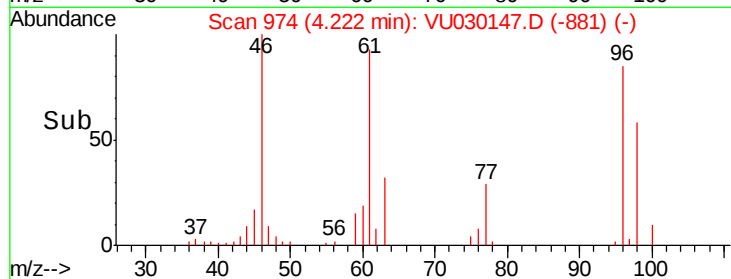
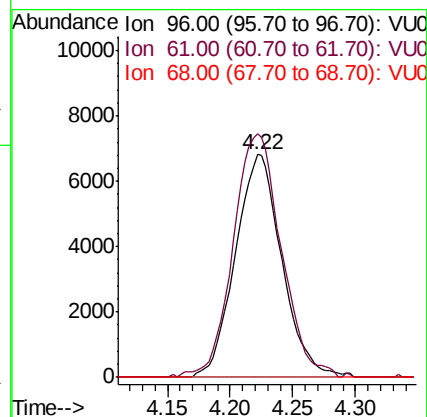
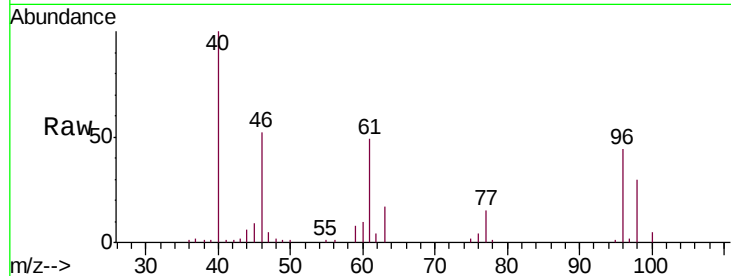




#20
 cis-1,2-Dichloroethene
 Concen: 3.934 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU030147.D
 Acq: 16 Mar 2019 16:09

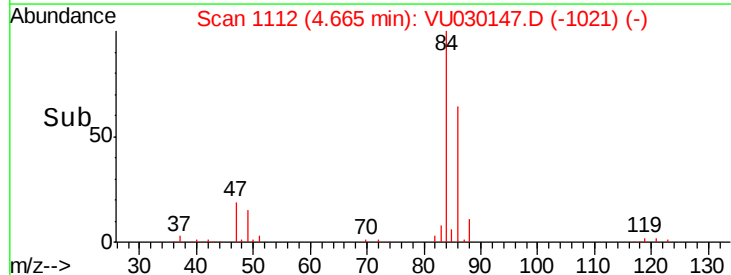
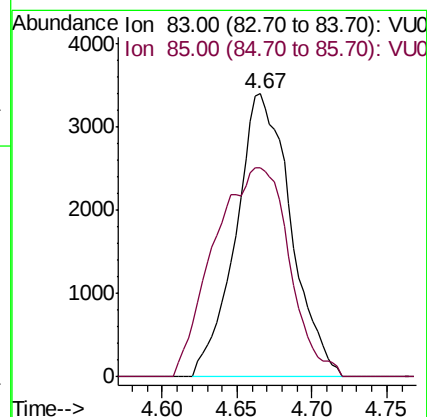
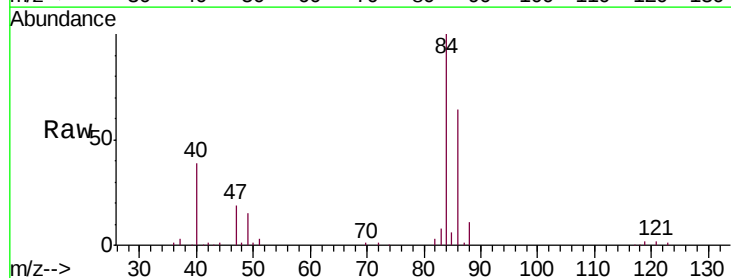
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0W0

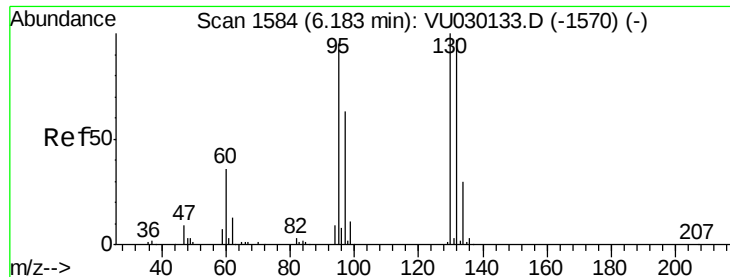
Tgt Ion: 96 Resp: 17515
 Ion Ratio Lower Upper
 96 100
 61 109.4 80.8 150.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.233 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VU030147.D
 Acq: 16 Mar 2019 16:09

Tgt Ion: 83 Resp: 8691
 Ion Ratio Lower Upper
 83 100
 85 73.7 44.9 83.5





#34

Trichloroethene

Concen: 0.506 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030147.D

Acq: 16 Mar 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

BF0W0

Tgt Ion: 95 Resp: 2151

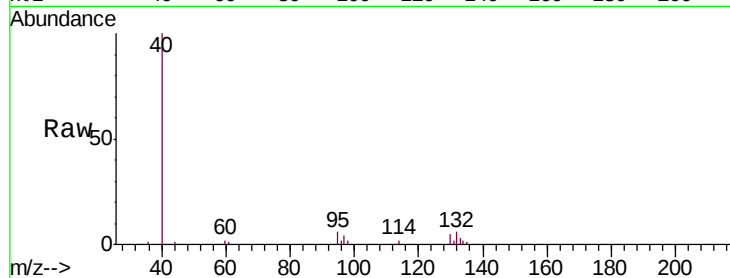
Ion Ratio Lower Upper

95 100

97 60.1 45.5 84.5

132 91.8 71.5 132.7

130 87.0 73.5 136.5

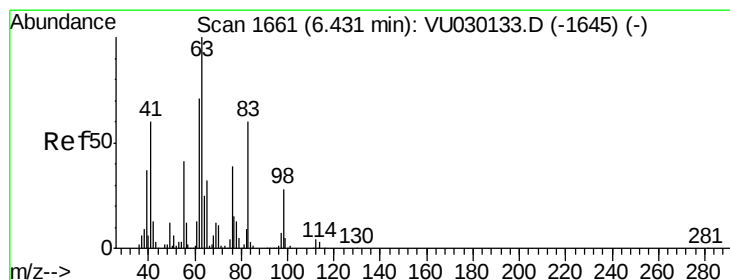
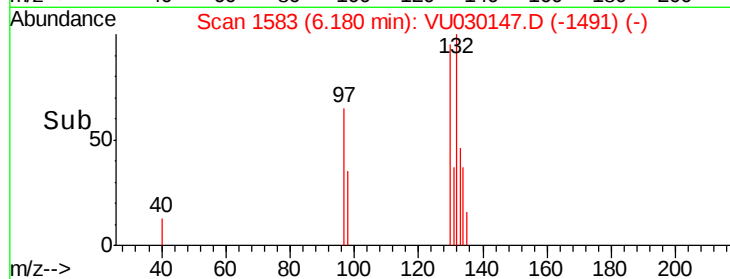
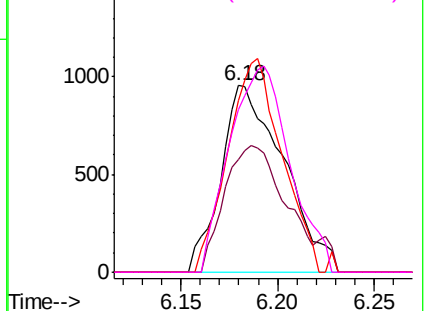


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 4.315 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030147.D

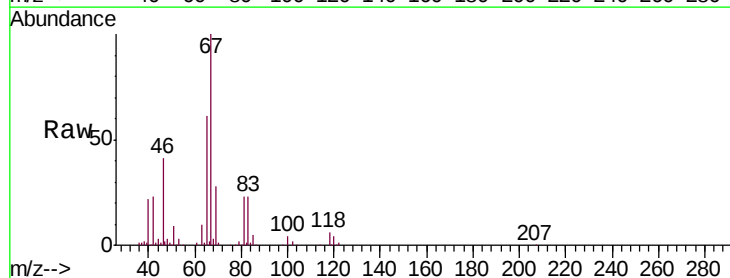
Acq: 16 Mar 2019 16:09

Tgt Ion: 63 Resp: 18416

Ion Ratio Lower Upper

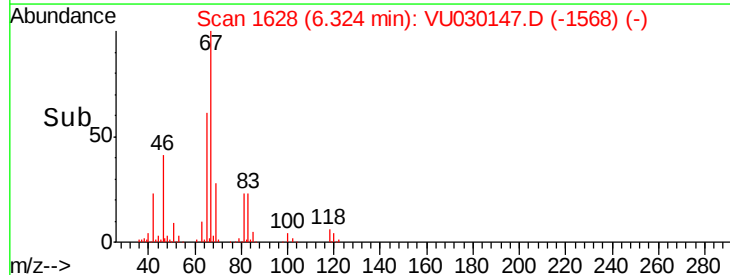
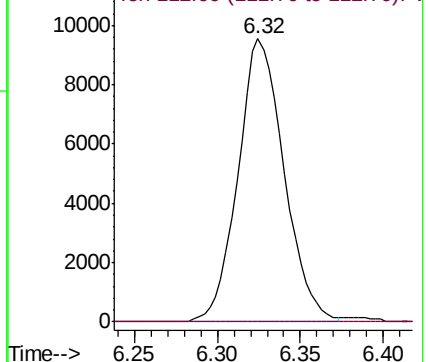
63 100

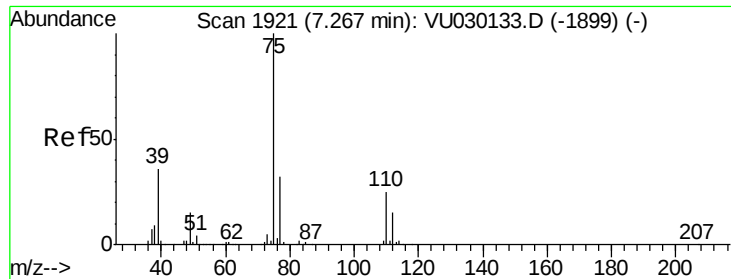
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

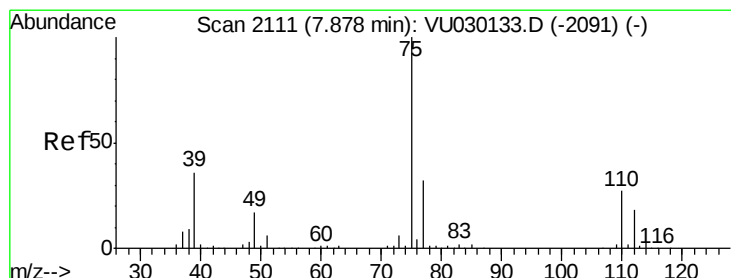
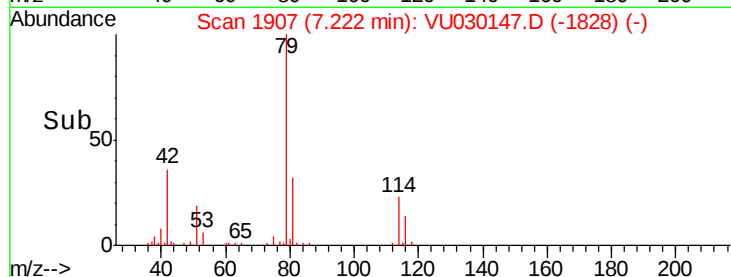
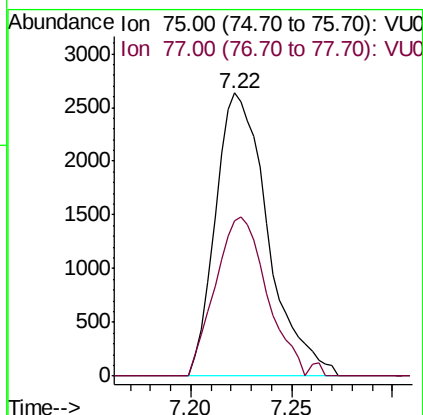
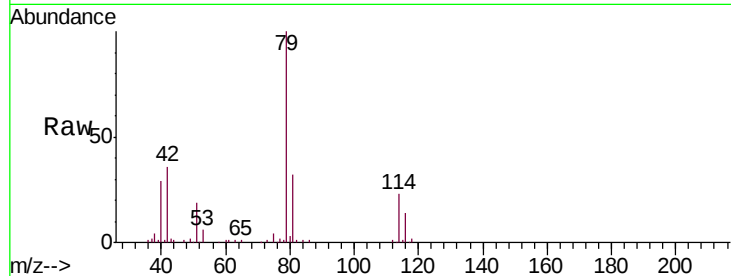




#39
 cis-1,3-Dichloropropene
 Concen: 0.716 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU030147.D
 Acq: 16 Mar 2019 16:09

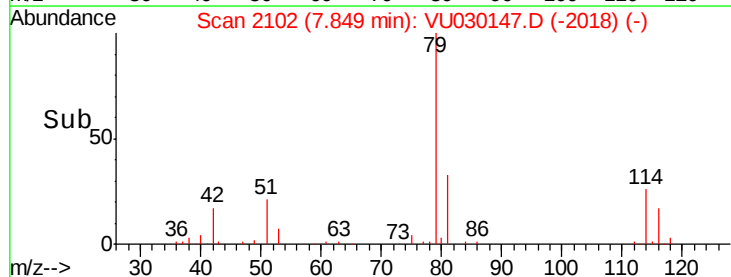
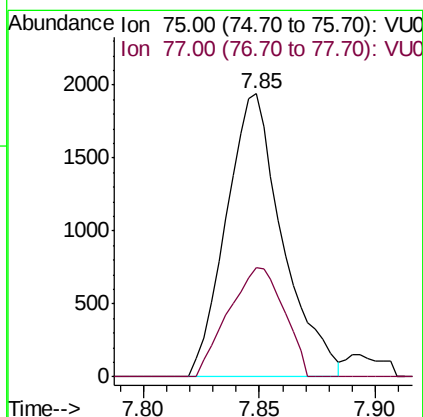
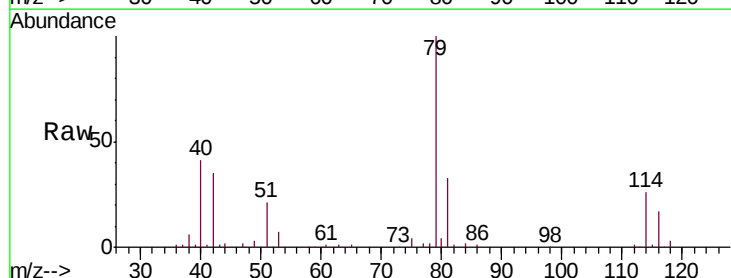
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0W0

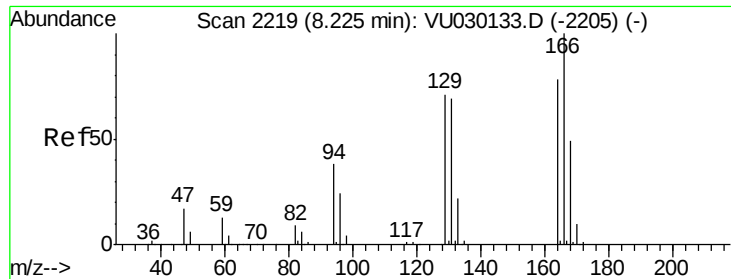
Tgt Ion: 75 Resp: 4753
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.541 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030147.D
 Acq: 16 Mar 2019 16:09

Tgt Ion: 75 Resp: 3280
 Ion Ratio Lower Upper
 75 100
 77 38.4 21.9 40.7

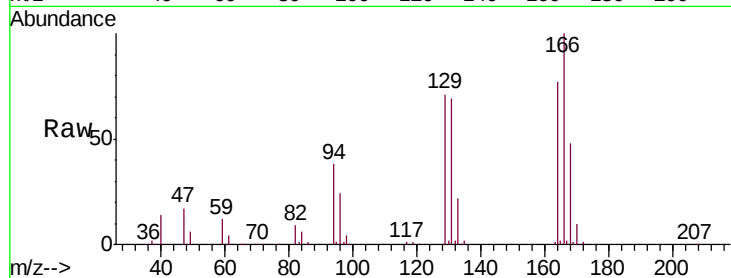




#46
Tetrachloroethene
Concen: 37.881 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030147.D
Acq: 16 Mar 2019 16:09

Instrument :
MSVOA_U
ClientSampleId :
BF0W0

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.4	63.3	117.7
131	89.3	62.0	115.2
166	130.0	90.5	168.1



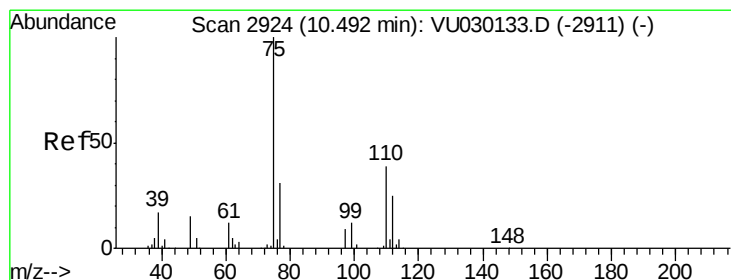
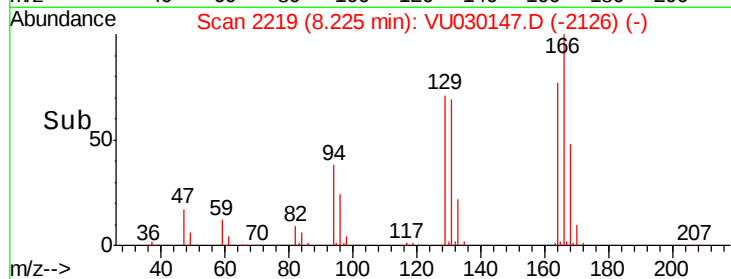
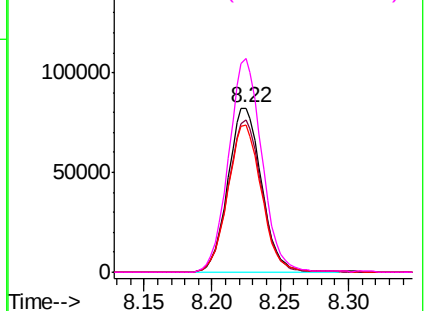
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

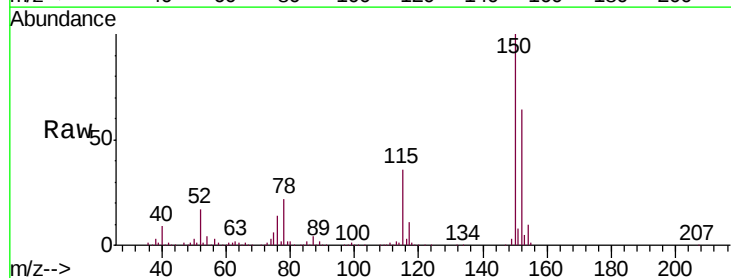
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 5.071 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030147.D
Acq: 16 Mar 2019 16:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.8	38.8



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

