

Data File : VU033433.D
Acq On : 26 Jul 2019 00:32
Operator : JC/SP
Sample : K3976-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C99

Quant Time: Jul 26 05:55:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	278440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123687	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124767	59.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.38%
7) Chloroethane-d5	1.67	69	110609	61.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.86%
11) 1,1-Dichloroethene-d2	2.25	63	168276	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
21) 2-Butanone-d5	4.15	46	150729	112.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	4.62	84	190518	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.88%
26) 1,2-Dichloroethane-d4	5.29	65	133926	59.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.22%
32) Benzene-d6	5.32	84	410080	58.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.80%
36) 1,2-Dichloropropane-d6	6.31	67	129630	58.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.24%
41) Toluene-d8	7.55	98	371713	56.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.22%
43) trans-1,3-Dichloropropene-	7.83	79	57459	52.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.08%
47) 2-Hexanone-d5	8.29	63	110057	109.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190294	56.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	139151	63.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.16%#

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	43552	13.861 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1518	0.799 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	2171	1.168 ug/L #	1
13) Acetone	2.31	43	2940	1.762 ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	4174	2.173 ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	586315	270.618 ug/L	99
25) Chloroform	4.65	83	16290	4.148 ug/L	96
34) Trichloroethene	6.16	95	259519	119.890 ug/L	99
35) Methylcyclohexane	6.31	83	30618	9.234 ug/L #	19
39) cis-1,3-Dichloropropene	7.21	75	3501	1.017 ug/L #	66
40) 4-Methyl-2-pentanone	7.54	43	1434	0.476 ug/L #	1
44) trans-1,3-Dichloropropene	7.83	75	2377	0.766 ug/L #	83
46) Tetrachloroethene	8.21	164	173502	103.539 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	15229	5.211 ug/L	93

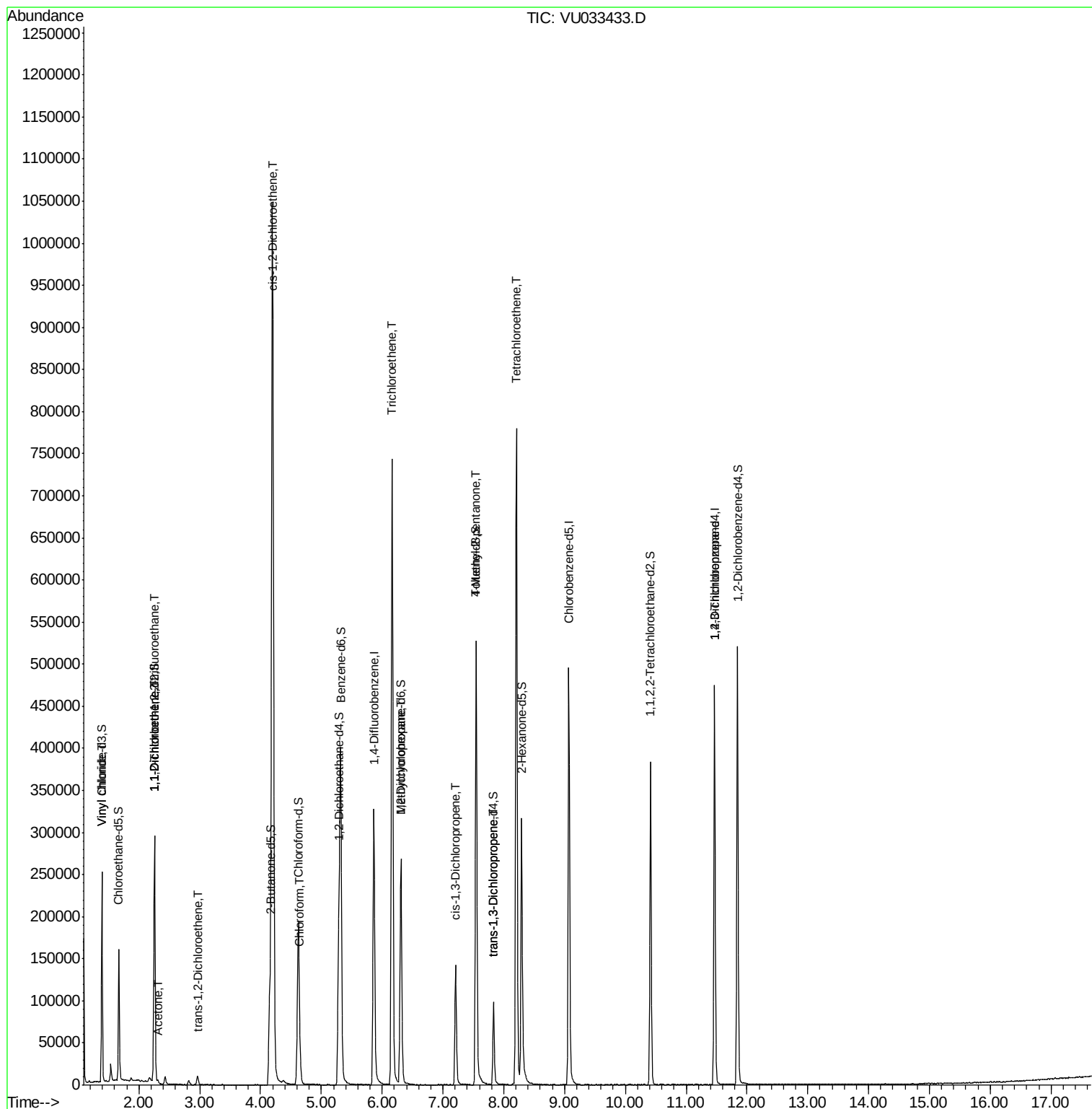
(#) = qualifier out of range (m) = manual integration (+) = signals summed

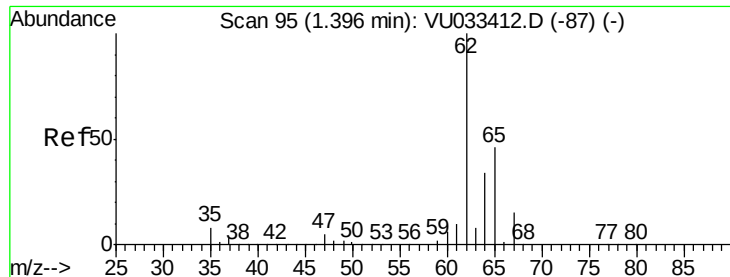
Data File : VU033433.D

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Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.861 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033433.D

Acq: 26 Jul 2019 00:32

Instrument :

MSVOA_U

ClientSampleId :

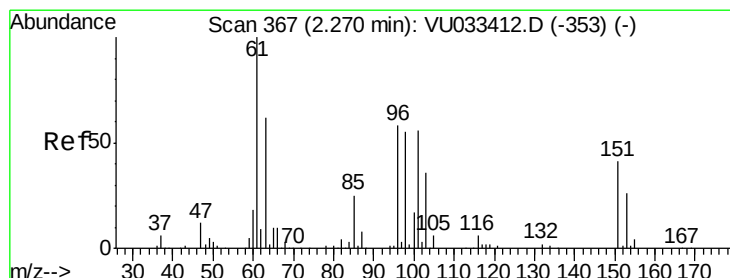
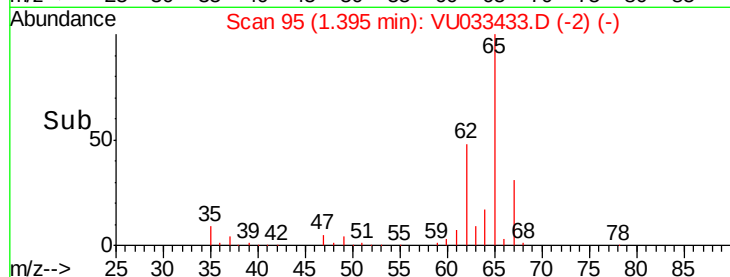
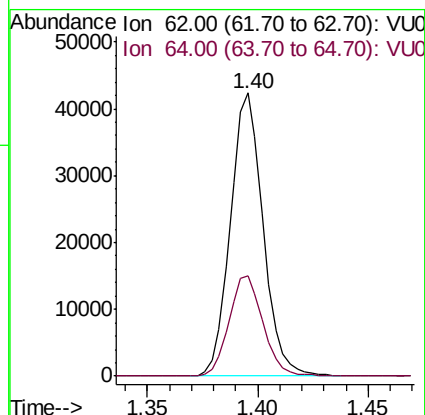
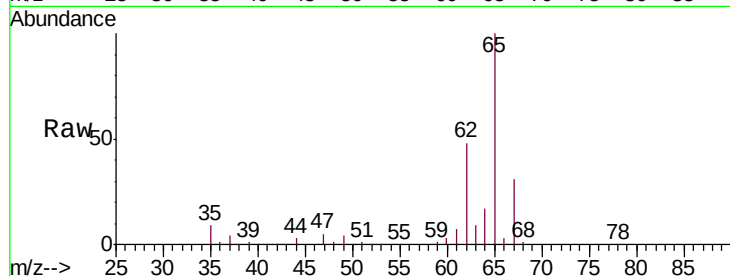
C0C99

Tgt Ion: 62 Resp: 43552

Ion Ratio Lower Upper

62 100

64 35.5 22.7 42.3



#10

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

Concen: 0.799 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033433.D

Acq: 26 Jul 2019 00:32

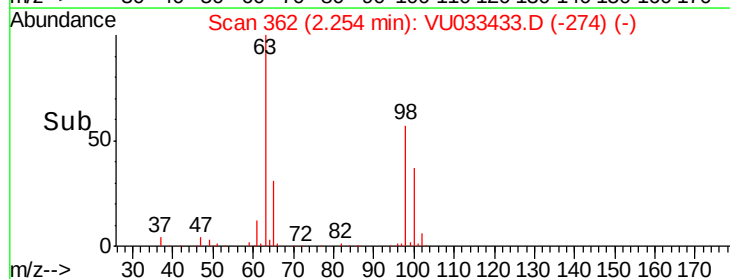
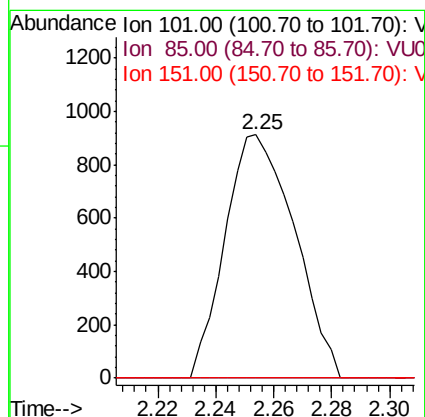
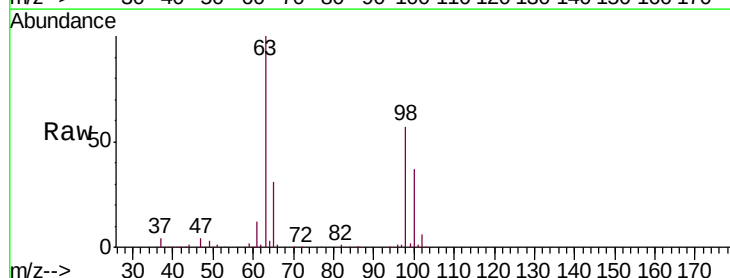
Tgt Ion: 101 Resp: 1518

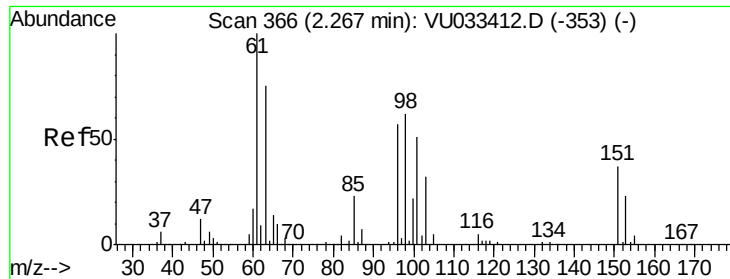
Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 56.7 85.1#

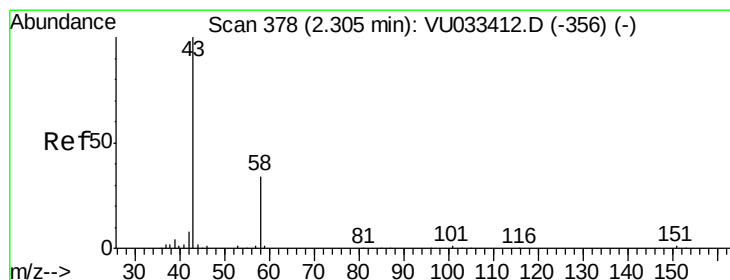
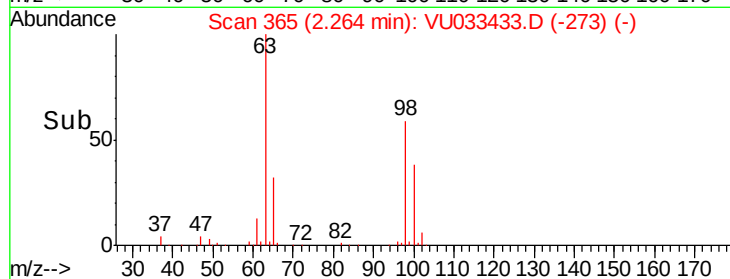
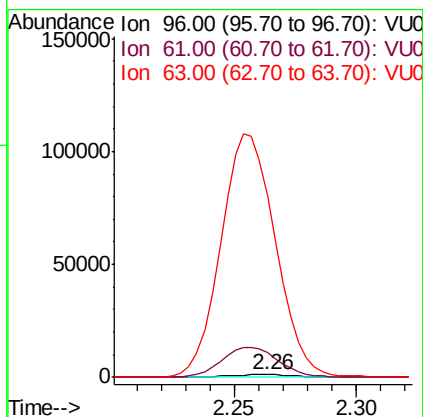
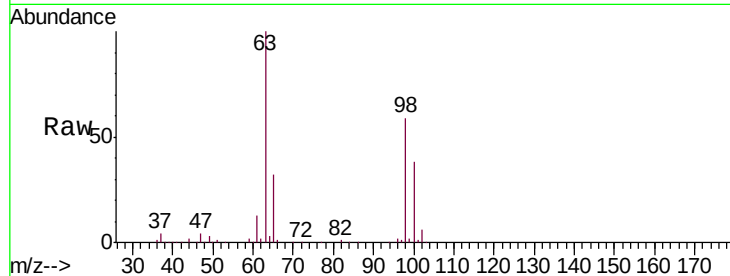




#12
 1,1-Dichloroethene
 Concen: 1.168 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VU033433.D
 Acq: 26 Jul 2019 00:32

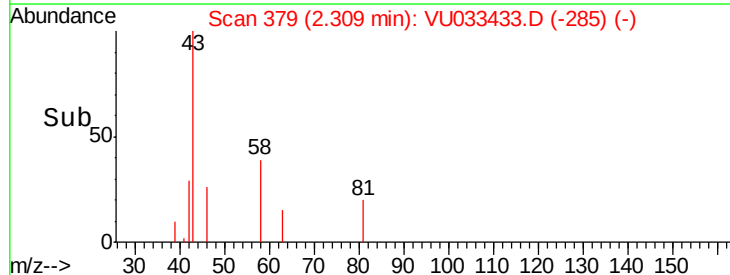
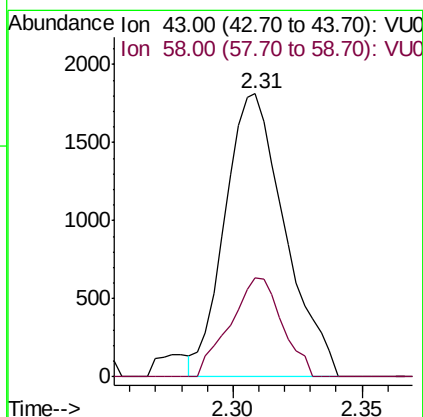
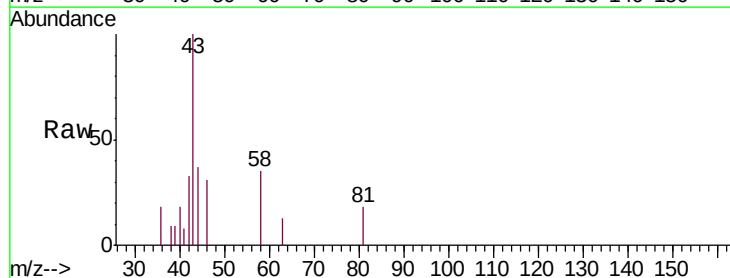
Instrument :
 MSVOA_U
 ClientSampleId :
 C0C99

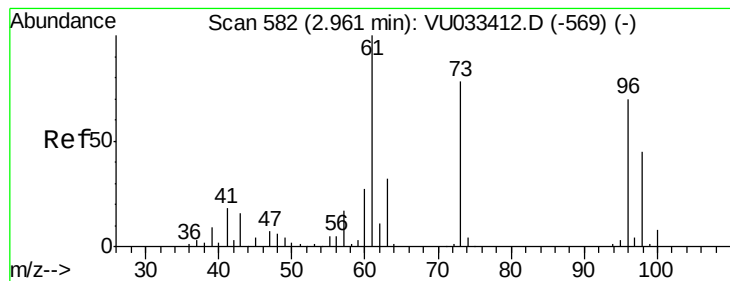
Tgt Ion: 96 Resp: 2171
 Ion Ratio Lower Upper
 96 100
 61 851.1 126.1 234.1#
 63 6343.5 96.8 179.8#



#13
 Acetone
 Concen: 1.762 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VU033433.D
 Acq: 26 Jul 2019 00:32

Tgt Ion: 43 Resp: 2940
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 65.4





#17

trans-1,2-Dichloroethene

Concen: 2.173 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU033433.D

Acq: 26 Jul 2019 00:32

Instrument :

MSVOA_U

ClientSampleId :

C0C99

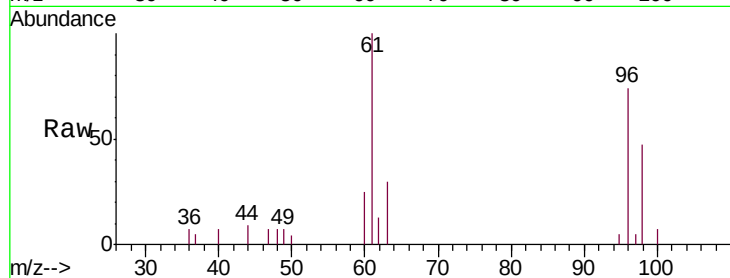
Tgt Ion: 96 Resp: 4174

Ion Ratio Lower Upper

96 100

61 135.1 100.2 186.2

98 63.5 44.2 82.0

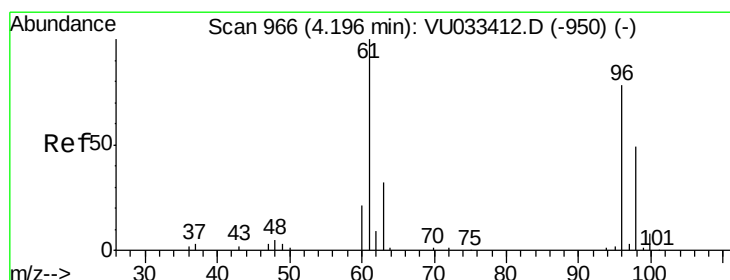
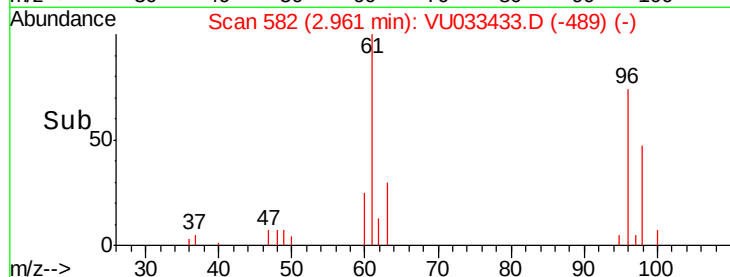
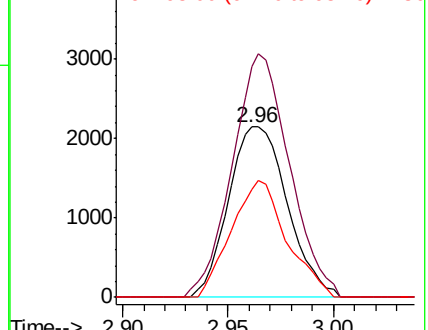


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 270.618 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033433.D

Acq: 26 Jul 2019 00:32

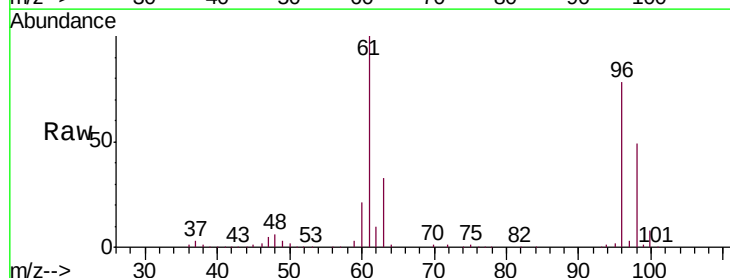
Tgt Ion: 96 Resp: 586315

Ion Ratio Lower Upper

96 100

61 128.4 91.1 169.1

68 0.0 0.0 0.0

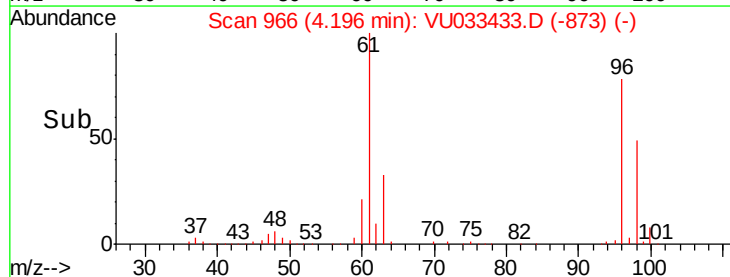
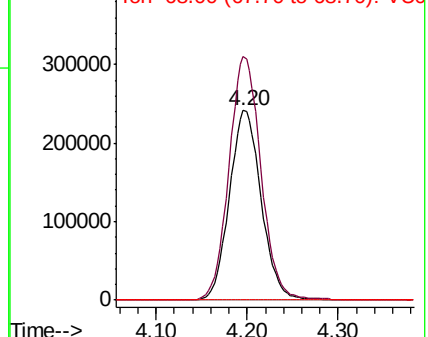


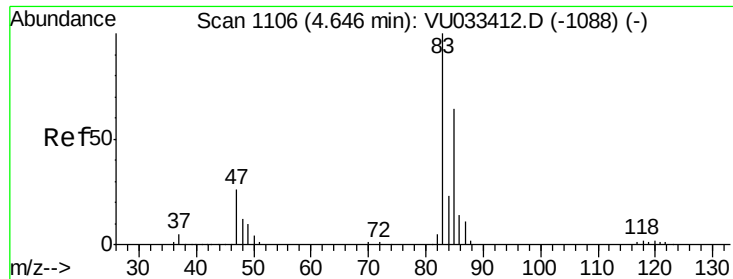
Abundance

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

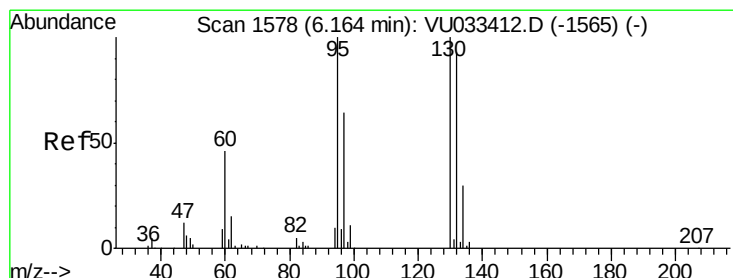
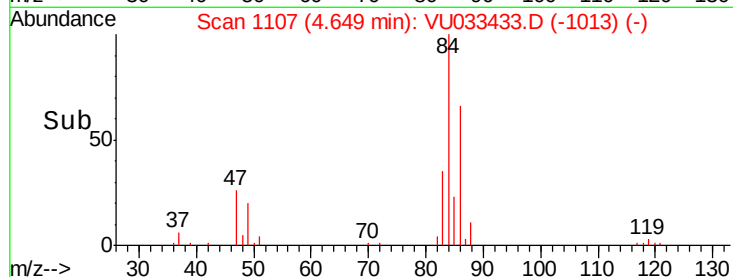
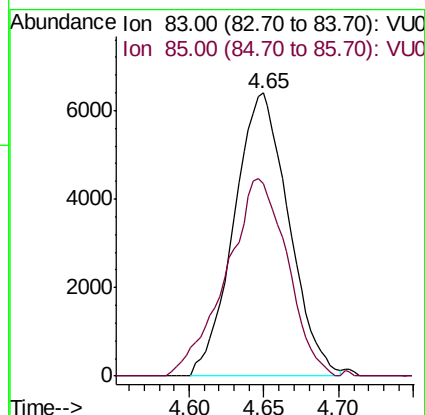
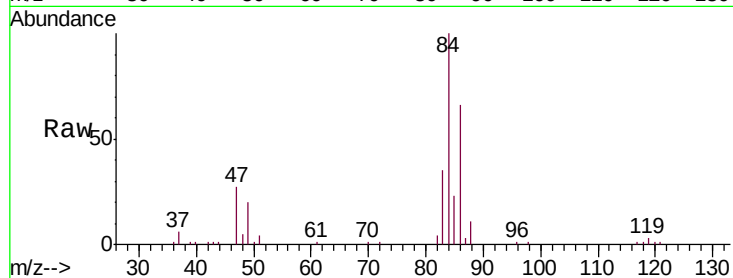




#25
Chloroform
Concen: 4.148 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033433.D
Acq: 26 Jul 2019 00:32

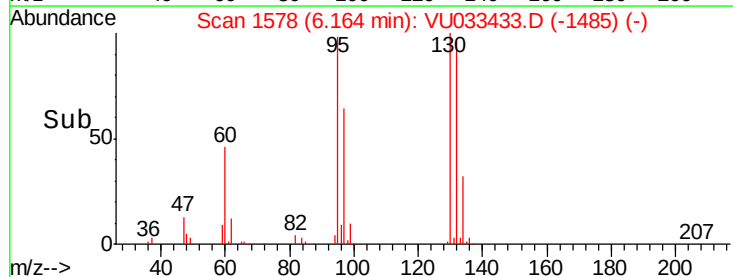
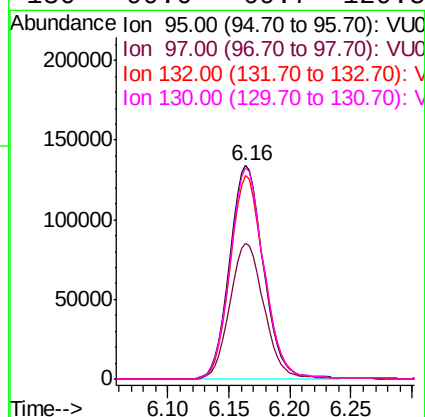
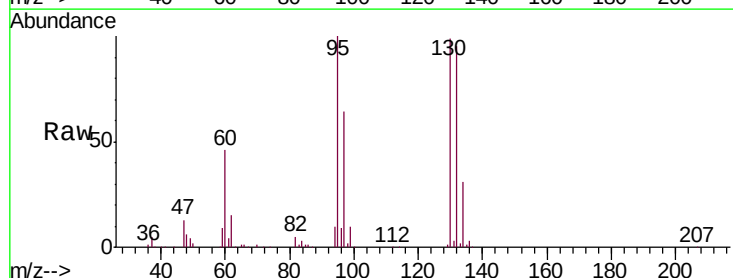
Instrument :
MSVOA_U
ClientSampleId :
C0C99

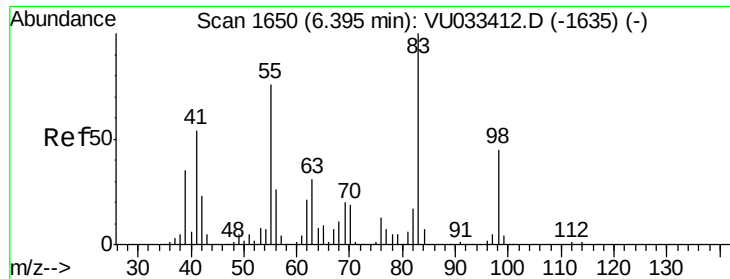
Tgt Ion: 83 Resp: 16290
Ion Ratio Lower Upper
83 100
85 67.9 45.4 84.4



#34
Trichloroethene
Concen: 119.890 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033433.D
Acq: 26 Jul 2019 00:32

Tgt Ion: 95 Resp: 259519
Ion Ratio Lower Upper
95 100
97 63.7 43.8 81.4
132 95.2 65.5 121.6
130 99.0 69.7 129.5

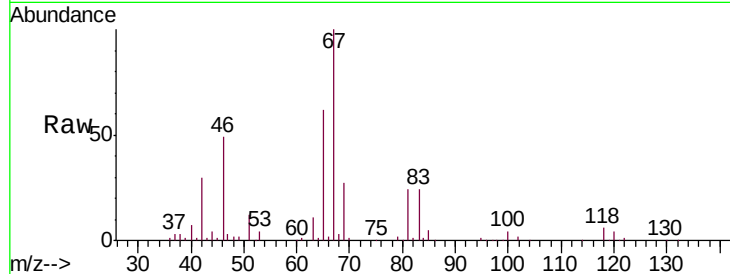




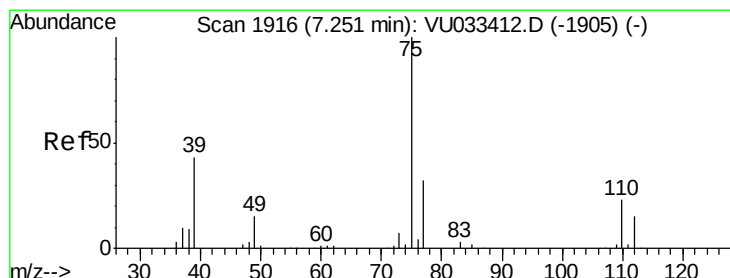
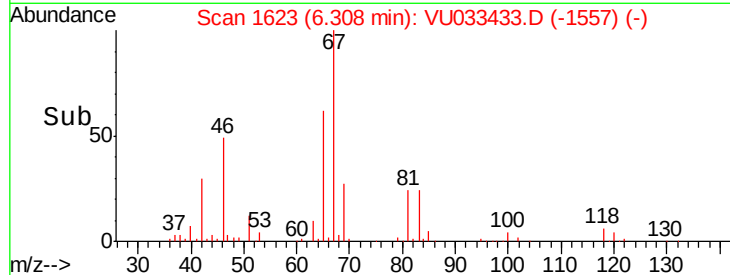
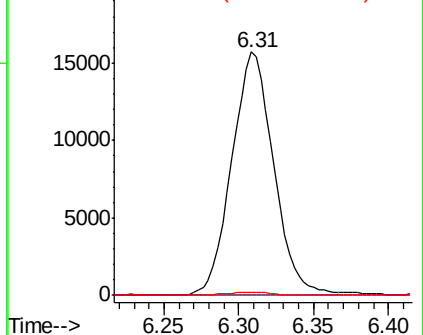
#35
Methylcyclohexane
Concen: 9.234 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.09 min
Lab File: VU033433.D
Acq: 26 Jul 2019 00:32

Instrument :
MSVOA_U
ClientSampleId :
C0C99

Tgt Ion: 83 Resp: 30618
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 1.1 37.4 56.0#

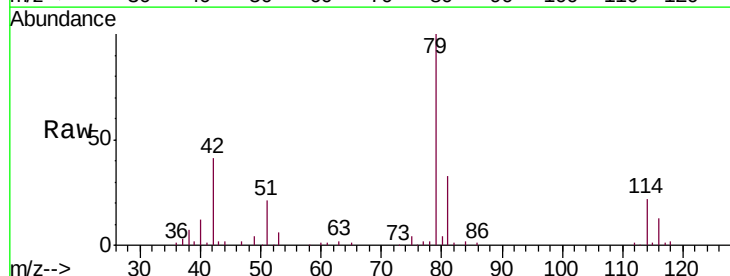


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

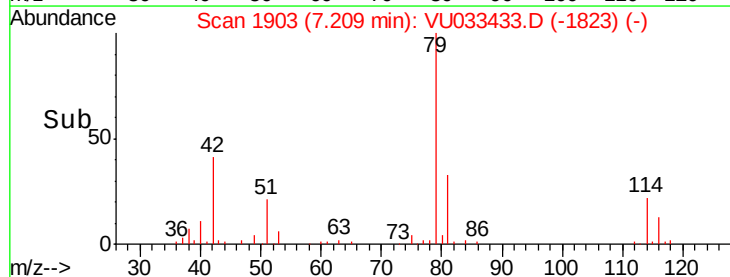
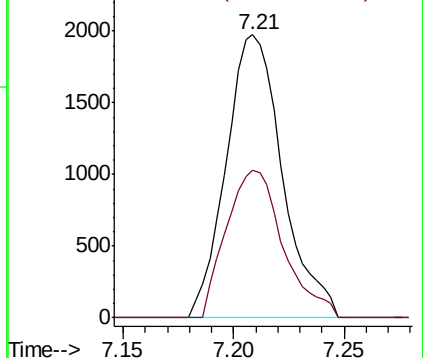


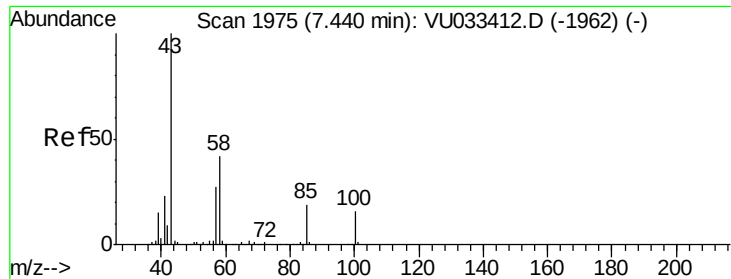
#39
cis-1,3-Dichloropropene
Concen: 1.017 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033433.D
Acq: 26 Jul 2019 00:32

Tgt Ion: 75 Resp: 3501
Ion Ratio Lower Upper
75 100
77 52.3 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

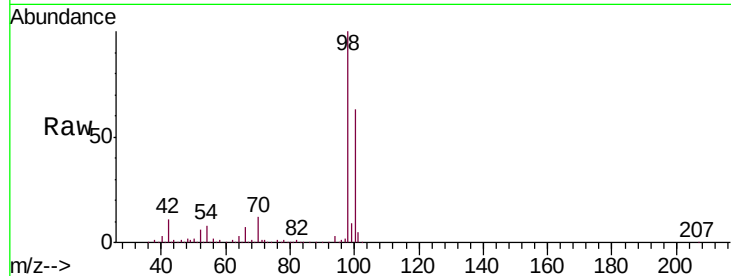




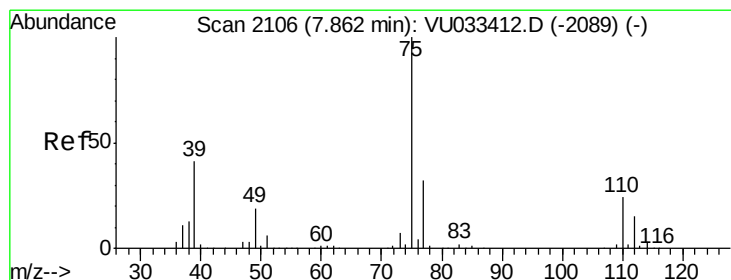
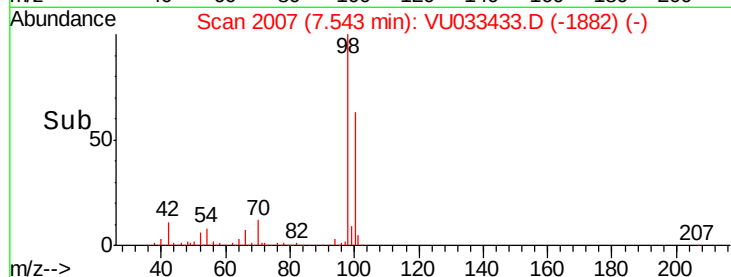
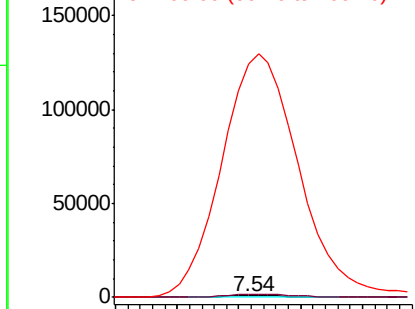
#40
 4-Methyl-2-pentanone
 Concen: 0.476 ug/L
 RT: 7.54 min Scan# 2007
 Delta R.T. 0.10 min
 Lab File: VU033433.D
 Acq: 26 Jul 2019 00:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C99

Tgt Ion: 43 Resp: 1434
 Ion Ratio Lower Upper
 43 100
 58 195.3 33.3 49.9#
 100 16058.2 12.1 18.1#

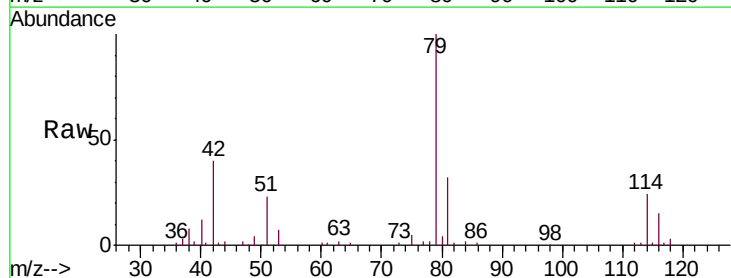


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

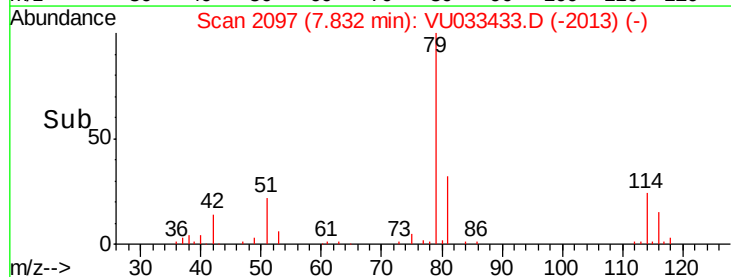
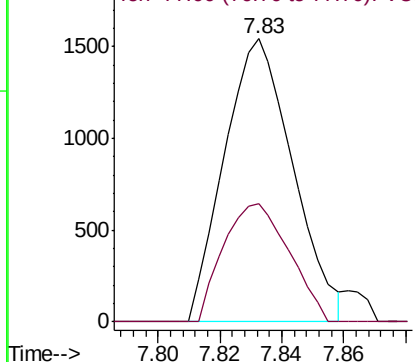


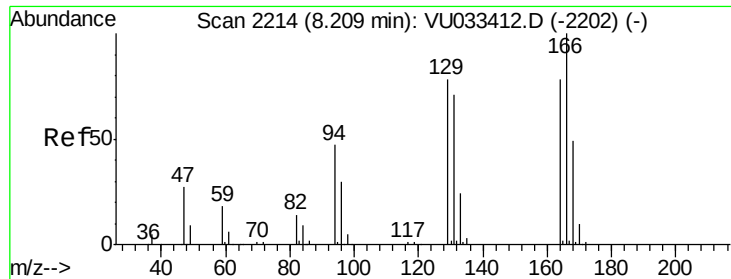
#44
 trans-1,3-Dichloropropene
 Concen: 0.766 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033433.D
 Acq: 26 Jul 2019 00:32

Tgt Ion: 75 Resp: 2377
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

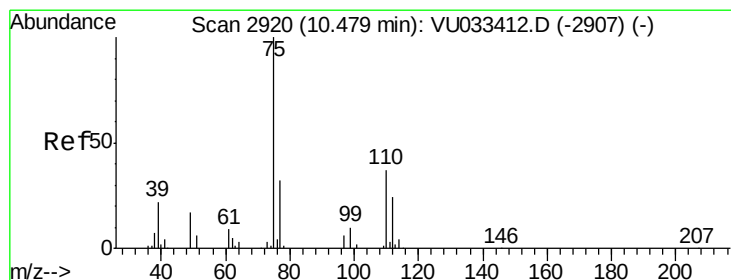
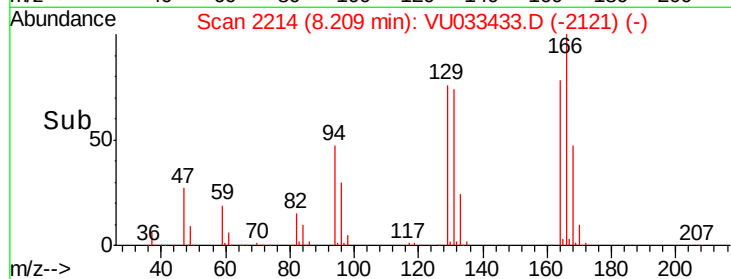
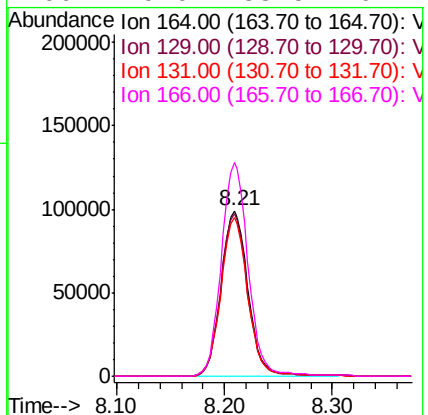
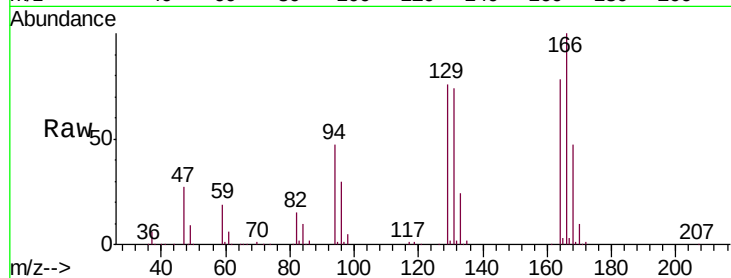




#46
Tetrachloroethene
Concen: 103.539 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033433.D
Acq: 26 Jul 2019 00:32

Instrument :
MSVOA_U
ClientSampleId :
C0C99

Tgt Ion:	164	Resp:	173502
Ion	Ratio	Lower	Upper
164	100		
129	97.9	69.6	129.2
131	96.0	65.7	122.1
166	129.0	88.5	164.4



#59
1,2,3-Trichloropropane
Concen: 5.211 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033433.D
Acq: 26 Jul 2019 00:32

Tgt Ion:	75	Resp:	15229
Ion	Ratio	Lower	Upper
75	100		
77	36.6	26.0	39.0

