

Data File : VU033879.D
Acq On : 21 Aug 2019 18:10
Operator : JC/SP
Sample : K4420-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2C04

Quant Time: Aug 22 07:22:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	402936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	406536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	169552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165914	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.54%
7) Chloroethane-d5	1.67	69	150149	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.25	63	214122	35.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.68%
21) 2-Butanone-d5	4.15	46	191898	100.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	4.62	84	274918	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.28	65	179729	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
32) Benzene-d6	5.32	84	550225	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
36) 1,2-Dichloropropane-d6	6.31	67	179350	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.55	98	480249	45.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.26%
43) trans-1,3-Dichloropropene-	7.83	79	73504	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.29	63	128269	94.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.33%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	250406	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	179145	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%

Target Compounds

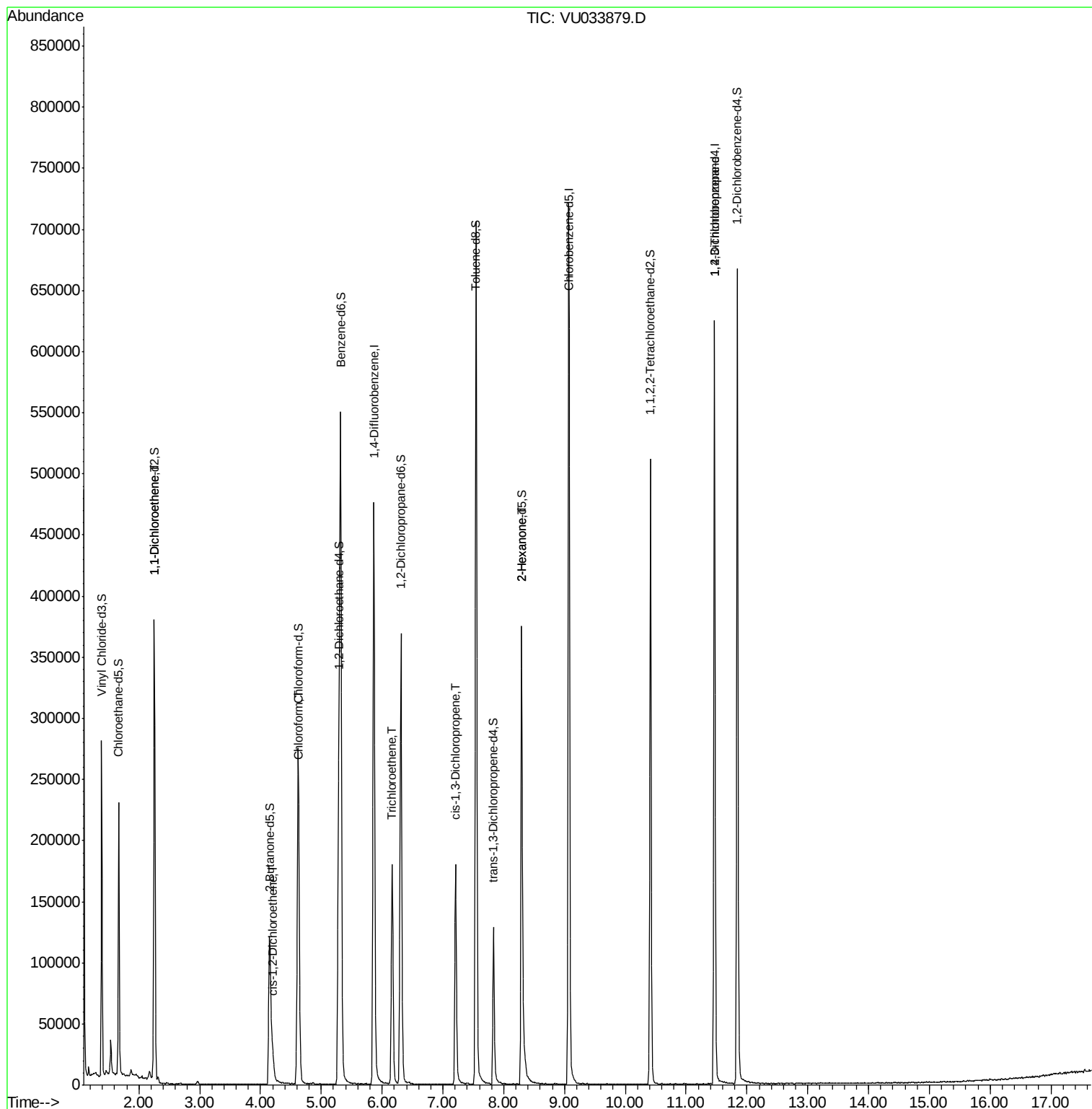
					Qvalue
12) 1,1-Dichloroethene	2.26	96	3603	1.294 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	8844	2.816 ug/L	90
25) Chloroform	4.64	83	4966	0.855 ug/L	89
34) Trichloroethene	6.16	95	61971	18.908 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	4596	0.938 ug/L #	48
48) 2-Hexanone	8.30	43	15858	5.123 ug/L #	73
59) 1,2,3-Trichloropropane	11.47	75	18926	4.646 ug/L	93

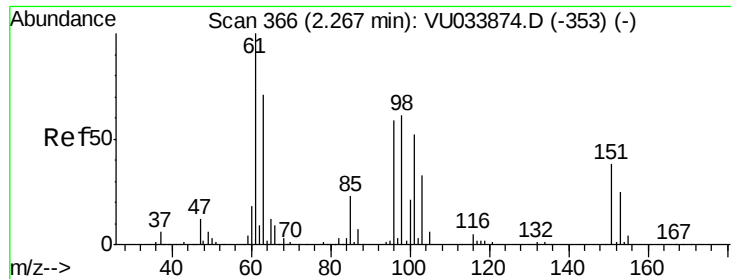
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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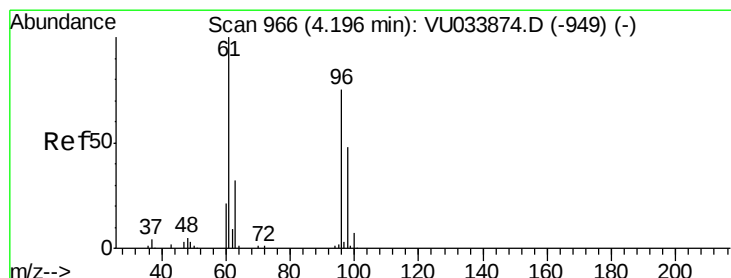
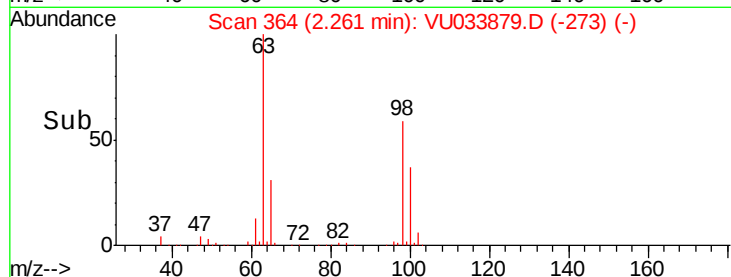
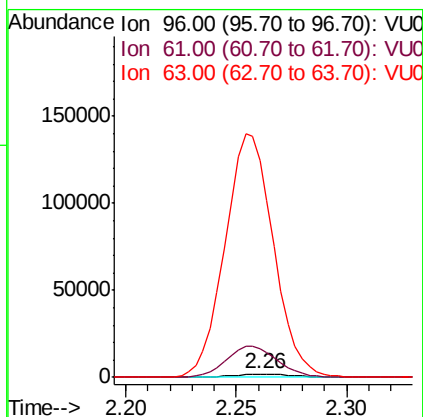
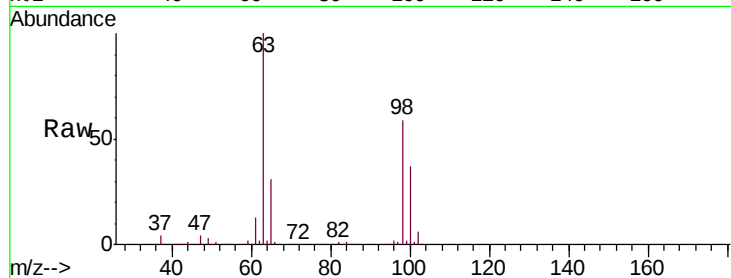




#12
 1,1-Dichloroethene
 Concen: 1.294 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU033879.D
 Acq: 21 Aug 2019 18:10

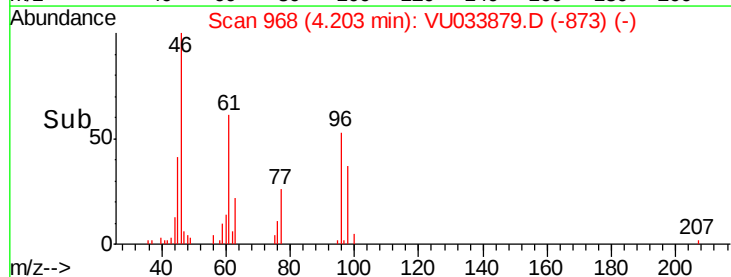
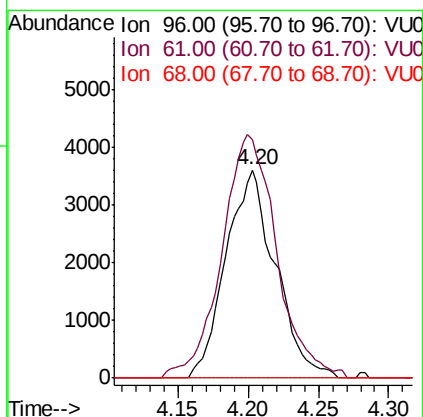
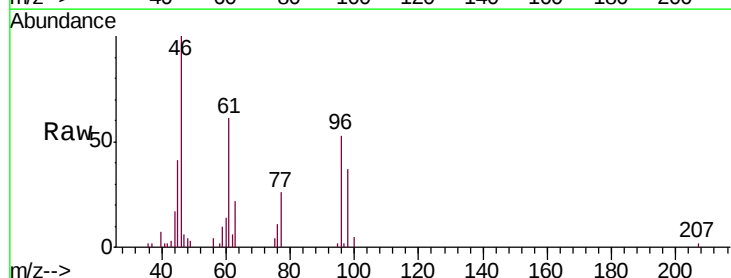
Instrument :
 MSVOA_U
 ClientSampleId :
 F2C04

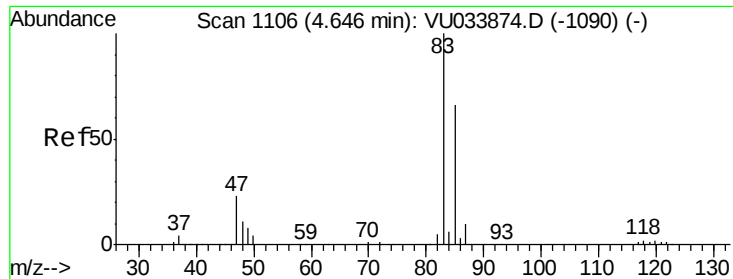
Tgt Ion: 96 Resp: 3603
 Ion Ratio Lower Upper
 96 100
 61 811.9 123.7 229.7#
 63 6175.6 91.2 169.4#



#20
 cis-1,2-Dichloroethene
 Concen: 2.816 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU033879.D
 Acq: 21 Aug 2019 18:10

Tgt Ion: 96 Resp: 8844
 Ion Ratio Lower Upper
 96 100
 61 114.6 88.2 163.8
 68 0.0 0.0 0.0

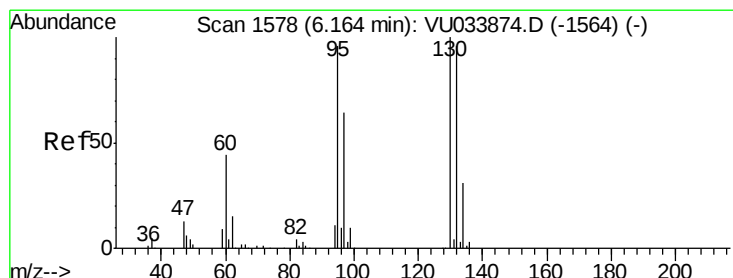
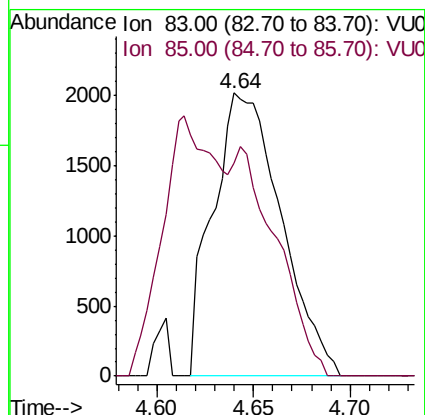
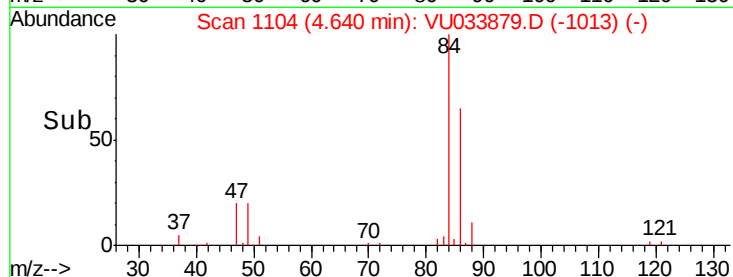
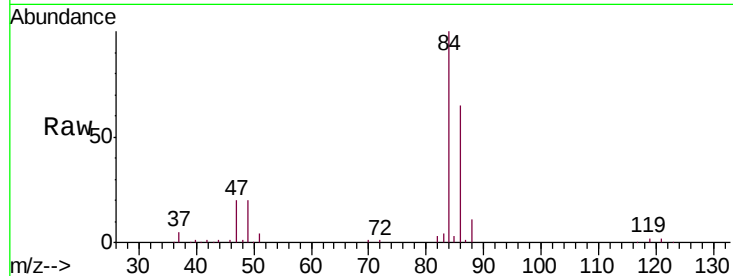




#25
Chloroform
Concen: 0.855 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VU033879.D
Acq: 21 Aug 2019 18:10

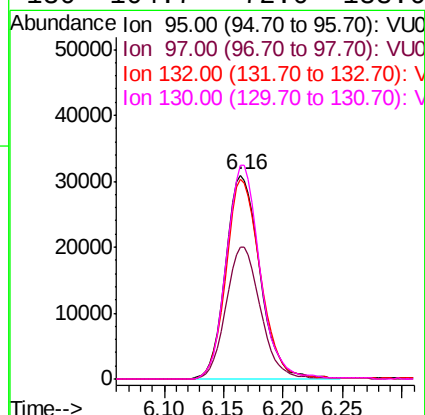
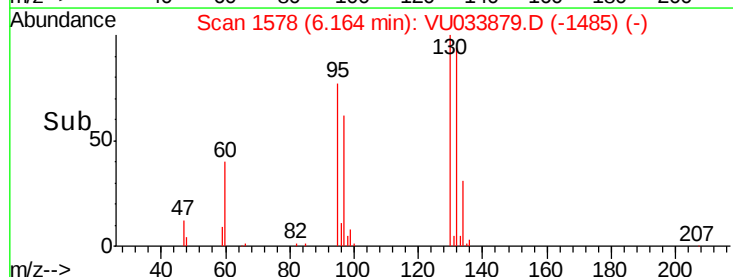
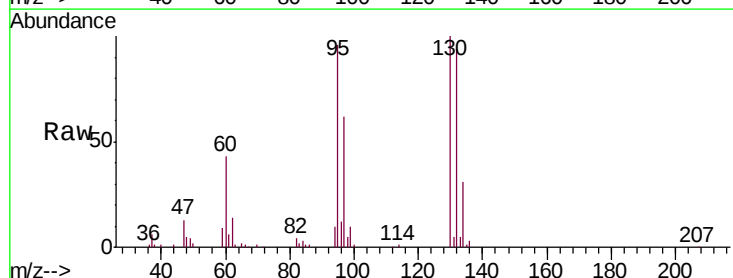
Instrument :
MSVOA_U
ClientSampleId :
F2C04

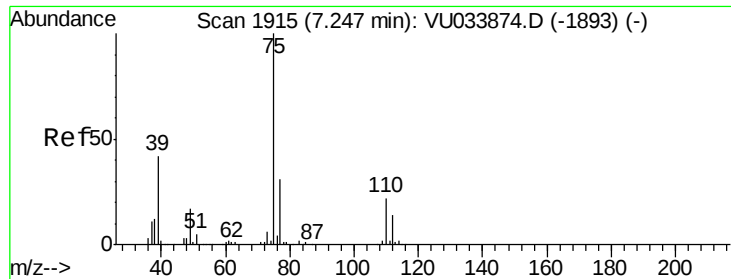
Tgt Ion: 83 Resp: 4966
Ion Ratio Lower Upper
83 100
85 75.1 46.3 86.1



#34
Trichloroethene
Concen: 18.908 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033879.D
Acq: 21 Aug 2019 18:10

Tgt Ion: 95 Resp: 61971
Ion Ratio Lower Upper
95 100
97 65.0 46.3 86.1
132 98.2 67.9 126.1
130 104.7 72.0 133.6



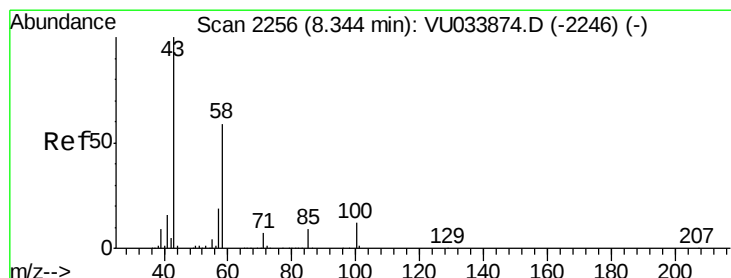
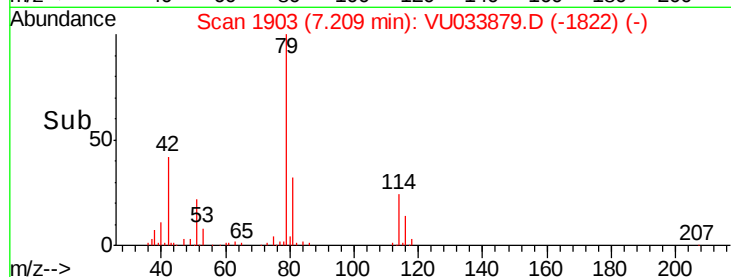
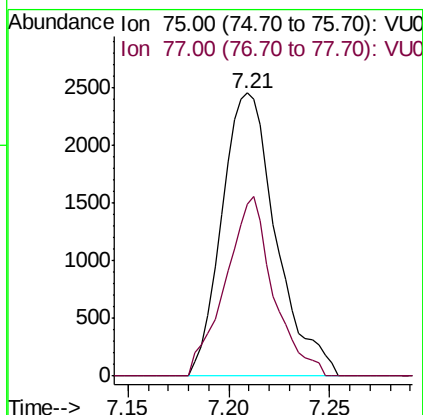
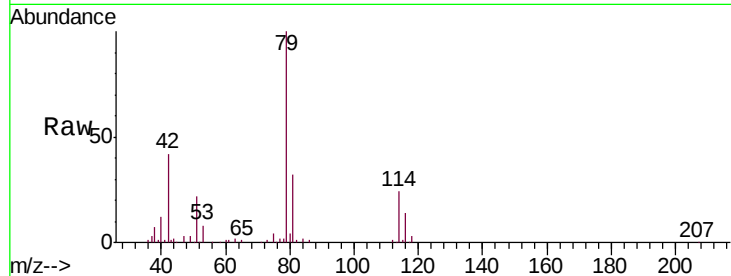


#39

cis-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033879.D
 Acq: 21 Aug 2019 18:10

Instrument :
 MSVOA_U
 ClientSampled :
 F2C04

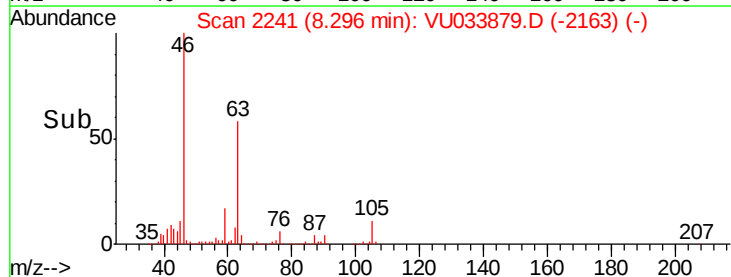
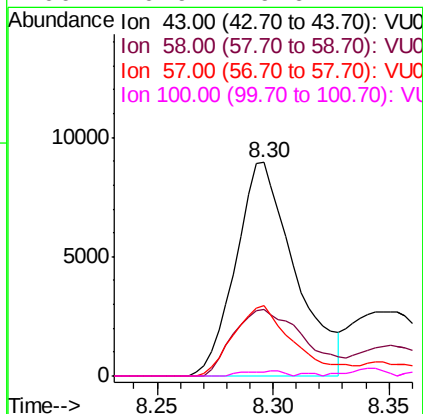
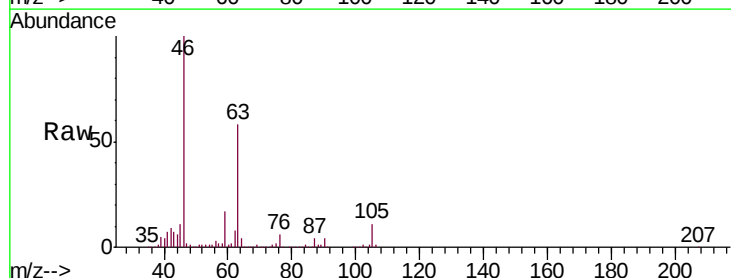
Tgt Ion: 75 Resp: 4596
 Ion Ratio Lower Upper
 75 100
 77 60.9 22.5 41.7#

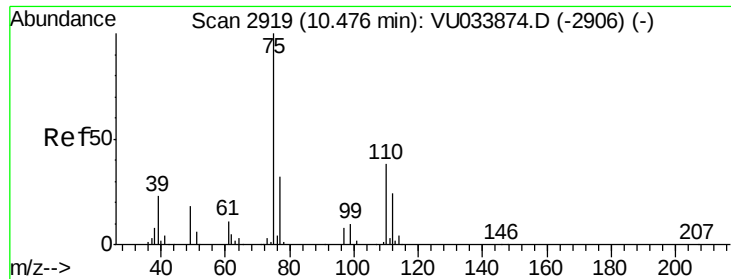


#48

2-Hexanone
 Concen: 5.123 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033879.D
 Acq: 21 Aug 2019 18:10

Tgt Ion: 43 Resp: 15858
 Ion Ratio Lower Upper
 43 100
 58 37.9 45.0 67.4#
 57 34.2 15.4 23.0#
 100 0.9 9.6 14.4#





#59

1,2,3-Trichloropropane

Concen: 4.646 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033879.D

Acq: 21 Aug 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

F2C04

Tgt Ion: 75 Resp: 18926

Ion Ratio Lower Upper

75 100

77 36.3 26.0 39.0

