

Data File : VU033665.D
Acq On : 09 Aug 2019 02:37
Operator : JC/SP
Sample : K4161-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE8

Quant Time: Aug 09 09:11:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 09:08:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	311341	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	314781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	144830	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142506	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.10%
7) Chloroethane-d5	1.68	69	125833	42.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.26	63	187629	33.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.04%
21) 2-Butanone-d5	4.15	46	220134	85.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.52%
24) Chloroform-d	4.62	84	237904	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
26) 1,2-Dichloroethane-d4	5.29	65	158224	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
32) Benzene-d6	5.32	84	495087	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
36) 1,2-Dichloropropane-d6	6.31	67	158592	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.98%
41) Toluene-d8	7.55	98	444866	40.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.98%
43) trans-1,3-Dichloropropene-	7.83	79	68504	37.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.00%
47) 2-Hexanone-d5	8.29	63	160364	85.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	242431	41.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	171173	43.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.52%

Target Compounds

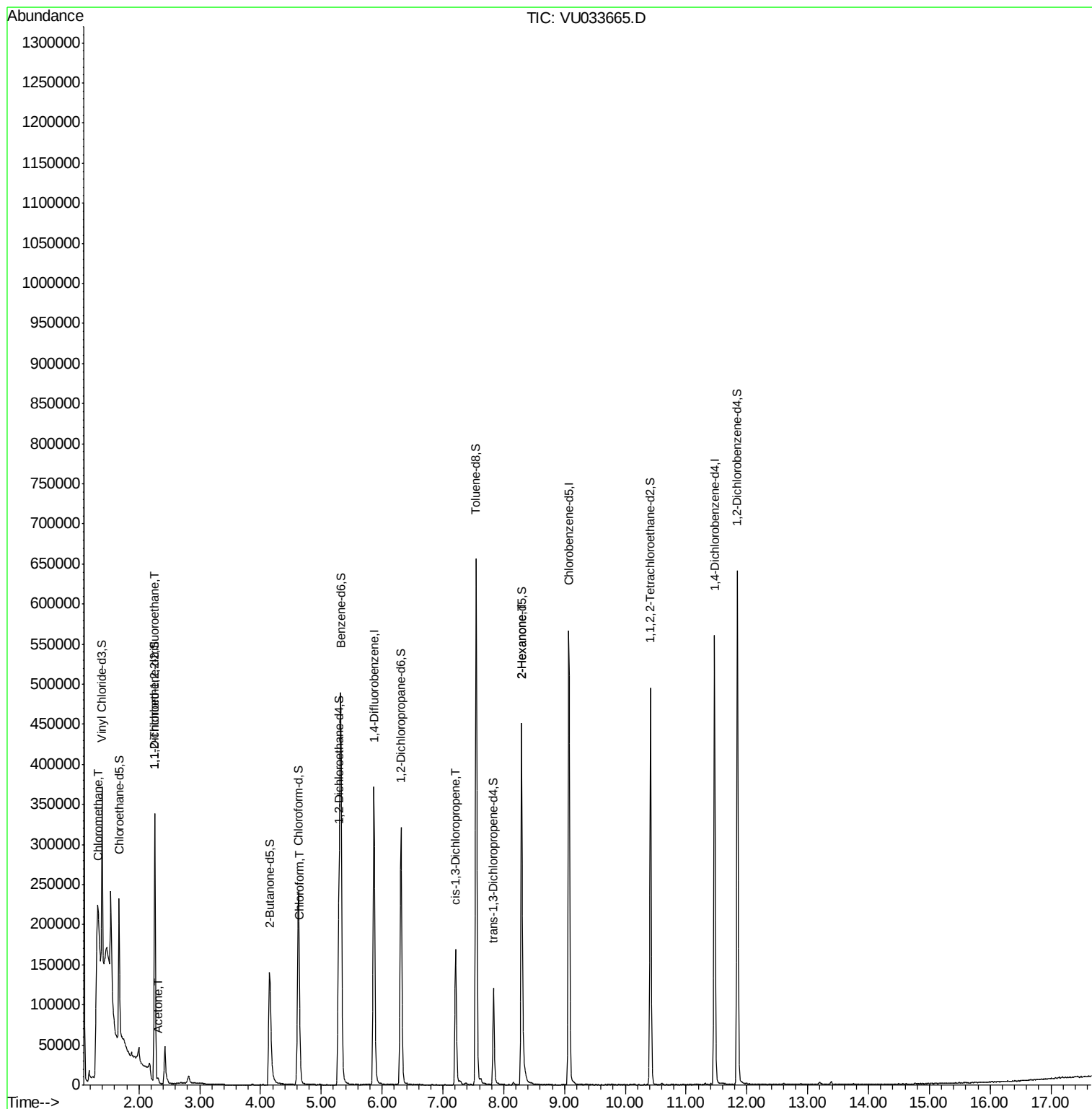
					Qvalue
3) Chloromethane	1.33	50	11809	3.778 ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1724	0.747 ug/L #	19
13) Acetone	2.31	43	4987	2.848 ug/L	100
25) Chloroform	4.65	83	4409	0.940 ug/L	83
39) cis-1,3-Dichloropropene	7.21	75	4457	1.115 ug/L #	69
48) 2-Hexanone	8.29	43	18410	5.731 ug/L #	42

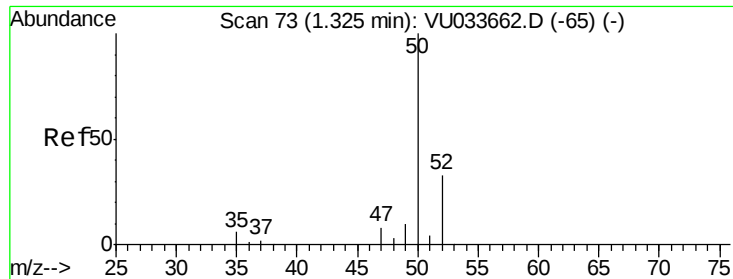
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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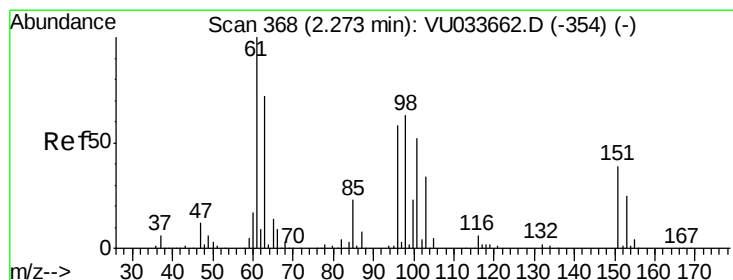
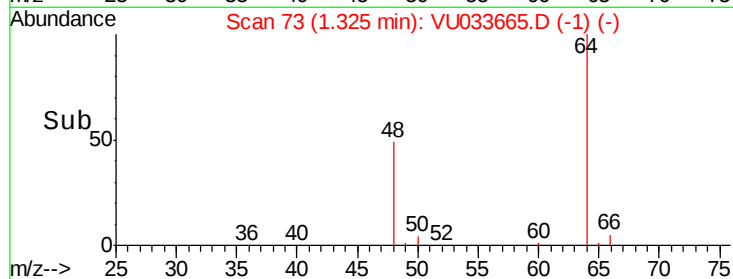
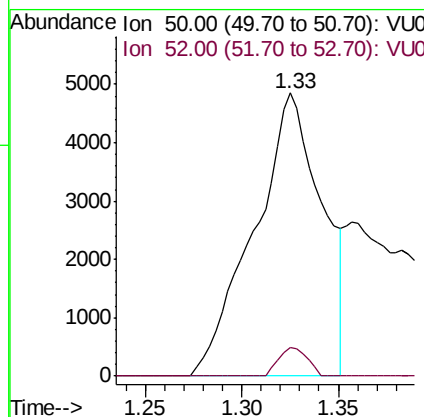
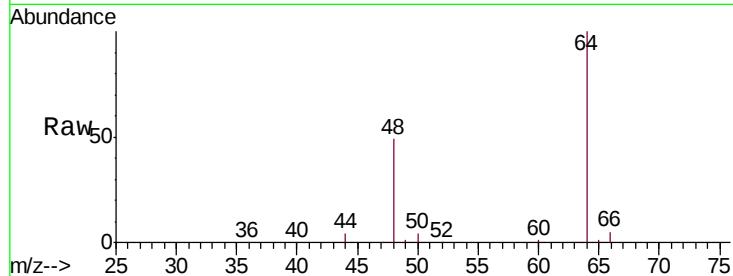




#3
 Chloromethane
 Concen: 3.778 ug/L
 RT: 1.33 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: VU033665.D
 Acq: 09 Aug 2019 02:37

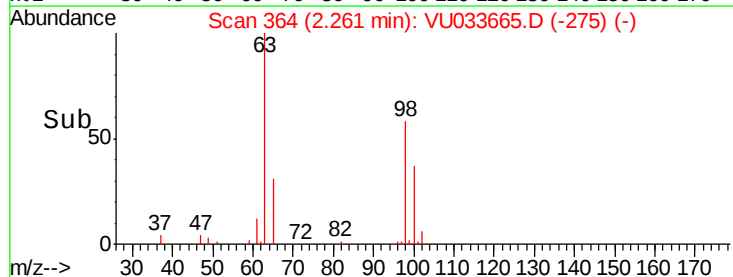
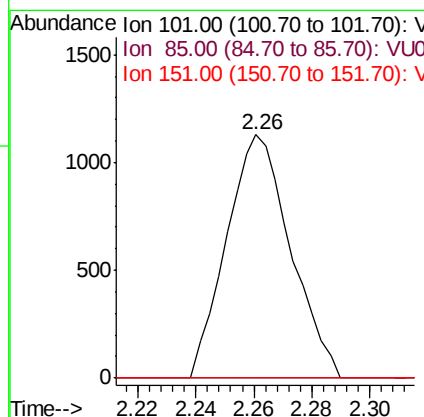
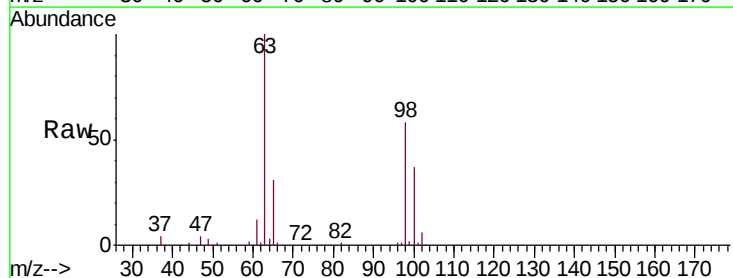
Instrument :
 MSVOA_U
 ClientSampleId :
 ETOE8

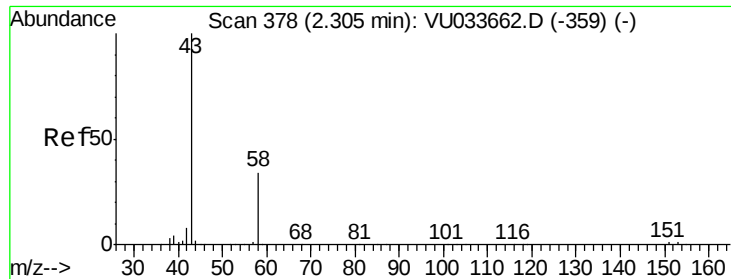
Tgt Ion: 50 Resp: 11809
 Ion Ratio Lower Upper
 50 100
 52 10.1 23.3 43.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.747 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU033665.D
 Acq: 09 Aug 2019 02:37

Tgt Ion: 101 Resp: 1724
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.4 90.6#





#13

Acetone

Concen: 2.848 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033665.D

Acq: 09 Aug 2019 02:37

Instrument :

MSVOA_U

ClientSampleId :

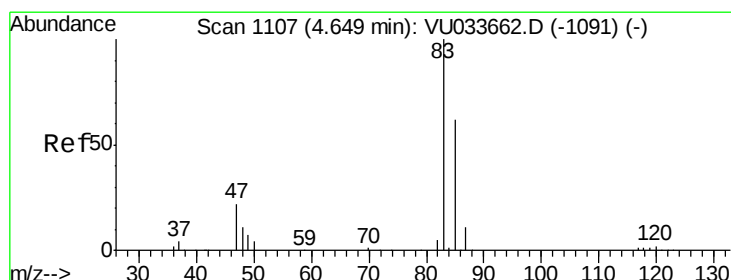
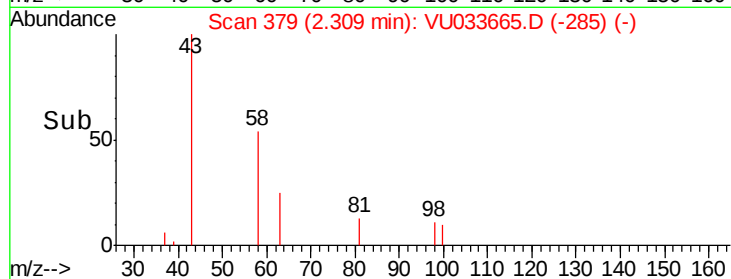
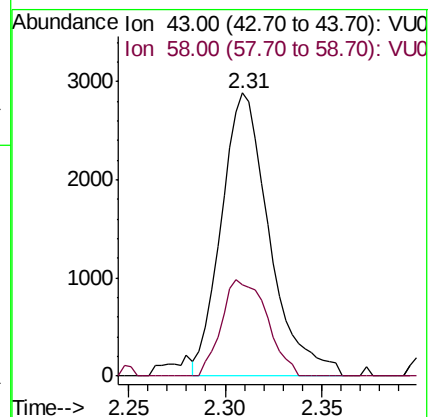
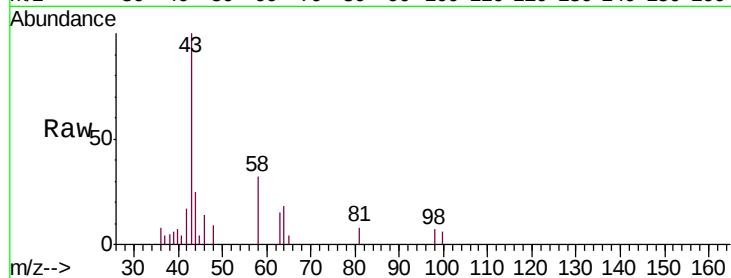
ETOE8

Tgt Ion: 43 Resp: 4987

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.0



#25

Chloroform

Concen: 0.940 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033665.D

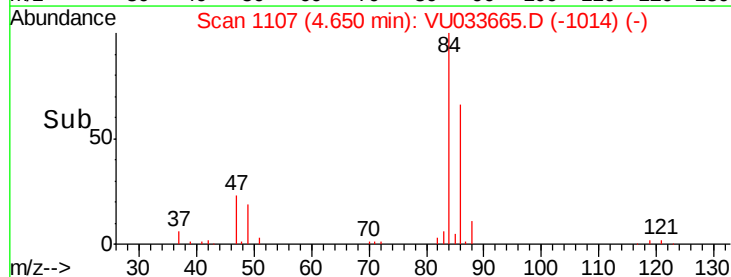
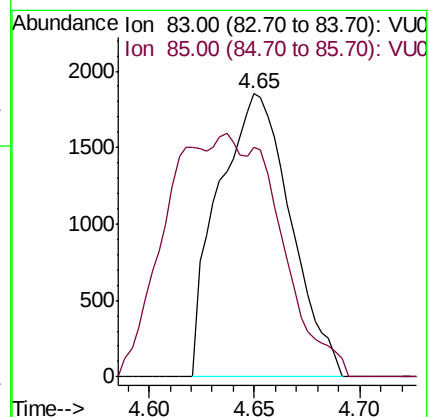
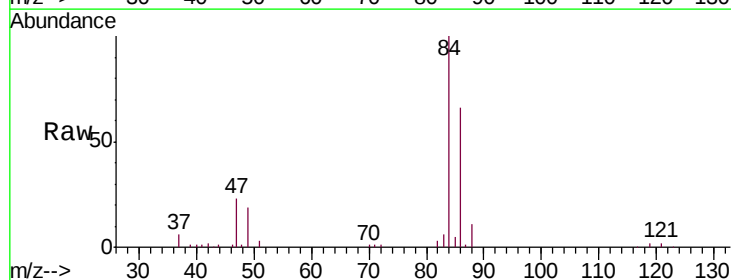
Acq: 09 Aug 2019 02:37

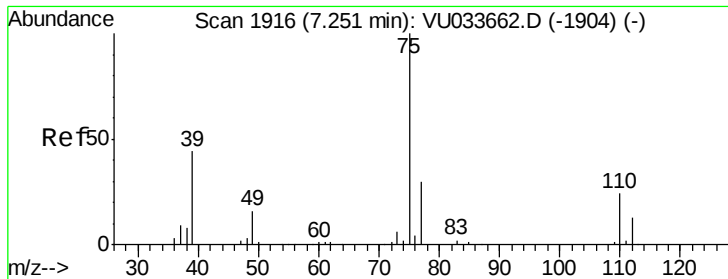
Tgt Ion: 83 Resp: 4409

Ion Ratio Lower Upper

83 100

85 81.0 47.2 87.6



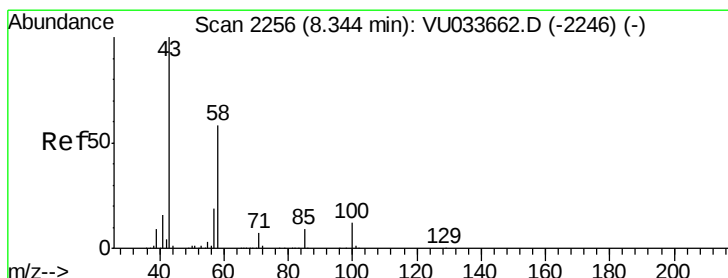
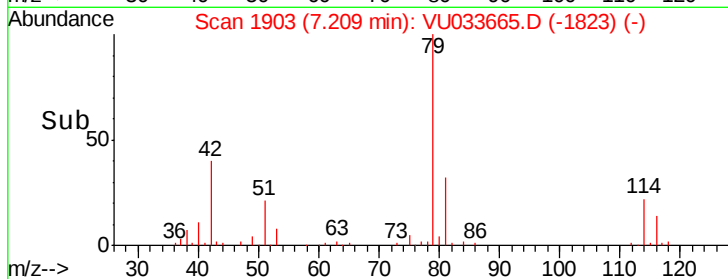
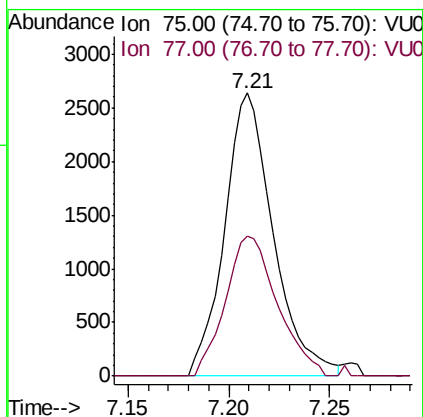
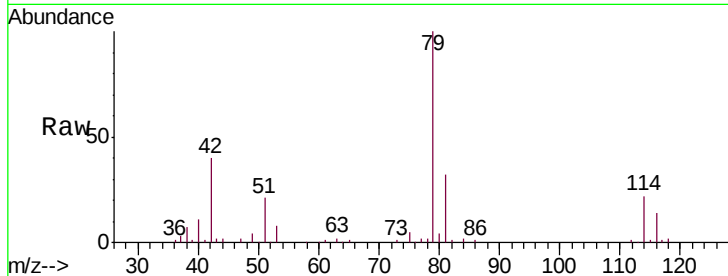


#39

cis-1,3-Dichloropropene
 Concen: 1.115 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033665.D
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Instrument :
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 ETOE8

Tgt Ion: 75 Resp: 4457
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.5 41.9#



#48

2-Hexanone
 Concen: 5.731 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033665.D
 Acq: 09 Aug 2019 02:37

Tgt Ion: 43 Resp: 18410
 Ion Ratio Lower Upper
 43 100
 58 0.0 44.8 67.2#
 57 29.9 15.5 23.3#
 100 0.4 9.4 14.2#

