

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030652.D
 Acq On : 04 Apr 2019 01:34
 Operator : JC/SP
 Sample : VU0404MBL02
 Misc : 5.00µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 08:06:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	568023	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	553204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240518	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	220592	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.52%
7) Chloroethane-d5	1.68	69	171724	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.78%
11) 1,1-Dichloroethene-d2	2.27	63	302196	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.70%
21) 2-Butanone-d5	4.17	46	375741	87.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.44%
24) Chloroform-d	4.64	84	308281	39.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.28%
26) 1,2-Dichloroethane-d4	5.31	65	217798	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
32) Benzene-d6	5.34	84	707750	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
36) 1,2-Dichloropropane-d6	6.33	67	241275	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.90%
41) Toluene-d8	7.56	98	620745	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%
43) trans-1,3-Dichloropropene-	7.85	79	100193	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
47) 2-Hexanone-d5	8.31	63	242823	82.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327714	42.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	223018	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%

Target Compounds

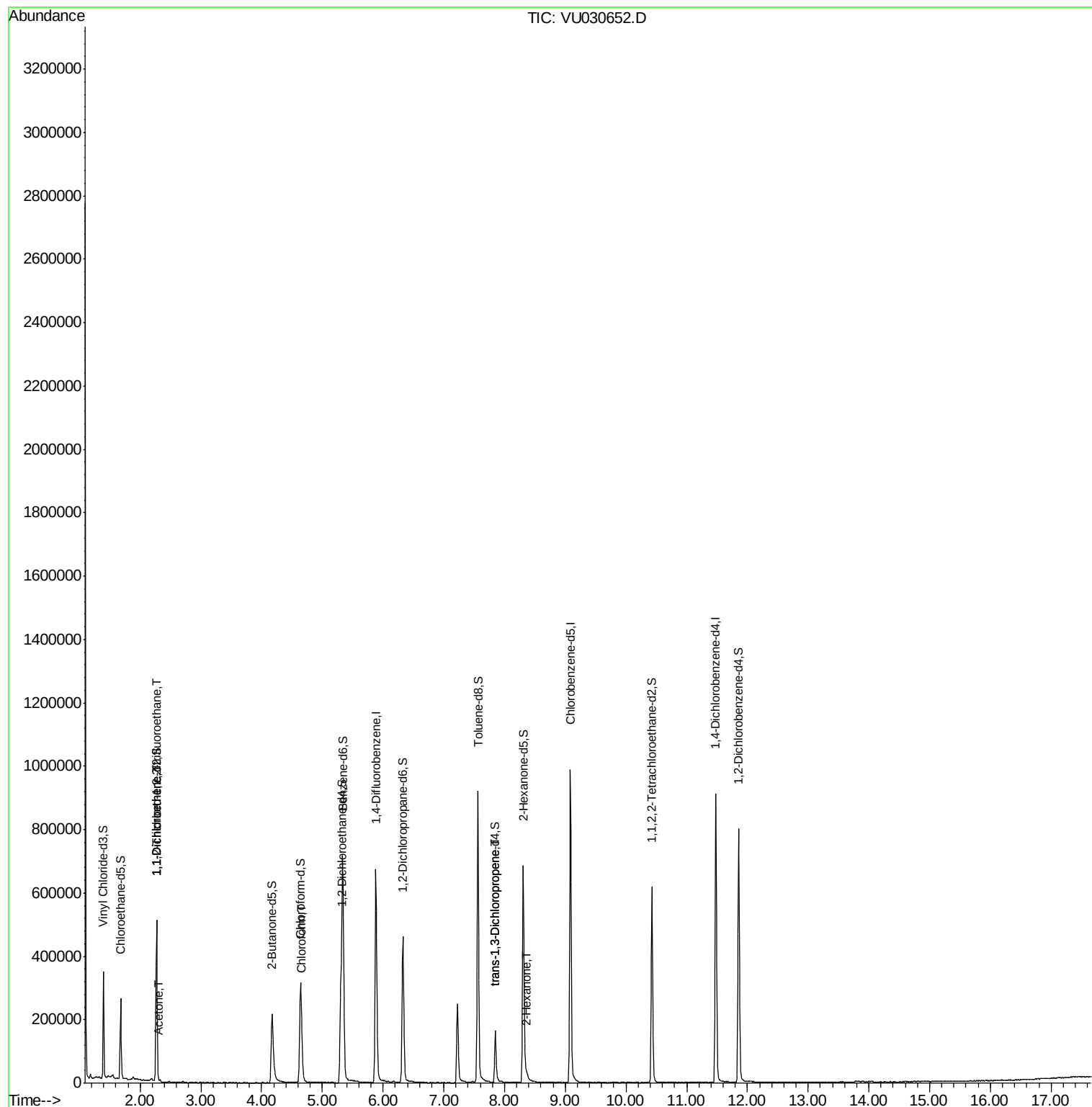
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2871	0.693	ug/L #	23
12) 1,1-Dichloroethene	2.26	96	2465	0.607	ug/L #	1
13) Acetone	2.32	43	2104	0.484	ug/L	75
25) Chloroform	4.67	83	30010	3.608	ug/L	78
44) trans-1,3-Dichloropropene	7.85	75	4100	0.607	ug/L #	77
48) 2-Hexanone	8.37	43	10864	1.477	ug/L #	47

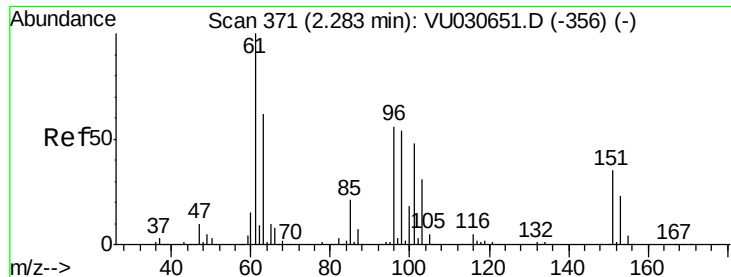
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 04 08:06:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 07:55:17 2019
Response via : Initial Calibration





#10

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

Concen: 0.693 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030652.D

Acq: 04 Apr 2019 01:34

Instrument :

MSVOA_U

ClientSampled :

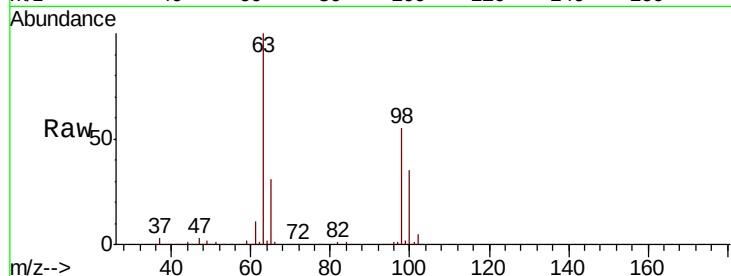
Tot Ion:101 Resp: 2871

Ion Ratio Lower Upper

101 100

85 1.5 34.8 52.2#

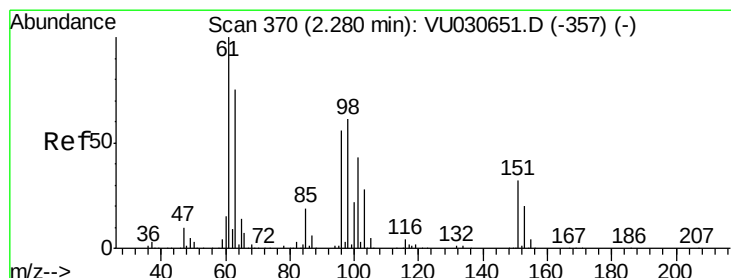
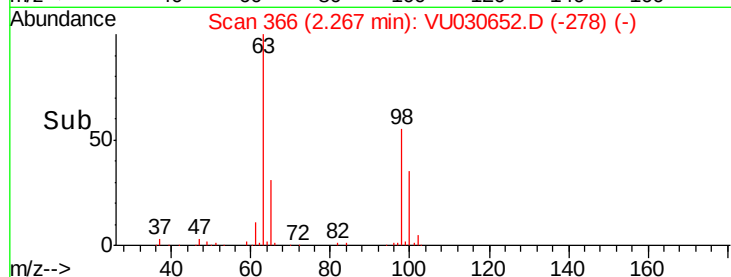
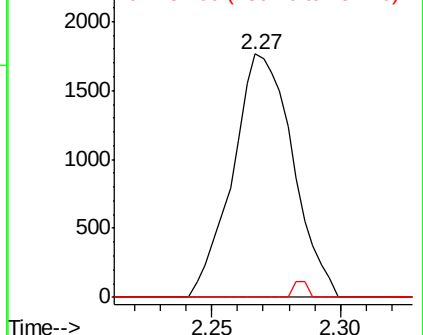
151 1.5 56.6 85.0#



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



#12

1,1-Dichloroethene

Concen: 0.607 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030652.D

Acq: 04 Apr 2019 01:34

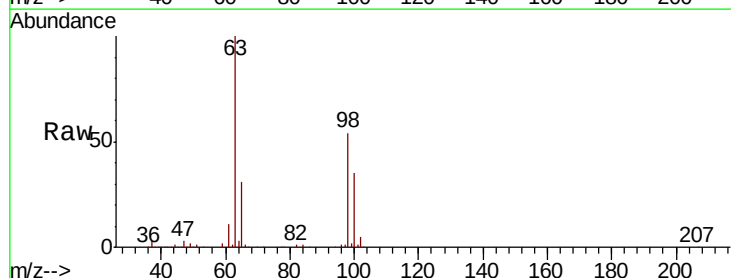
Tgt Ion: 96 Resp: 2465

Ion Ratio Lower Upper

96 100

61 1392.7 131.0 243.4#

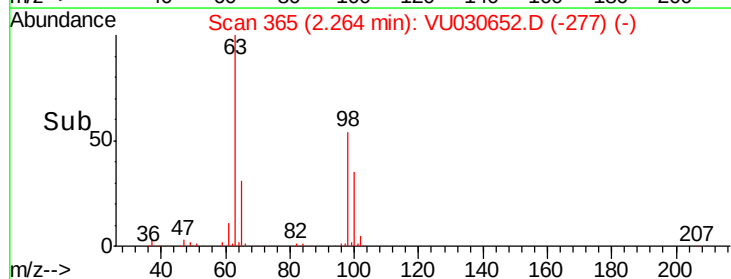
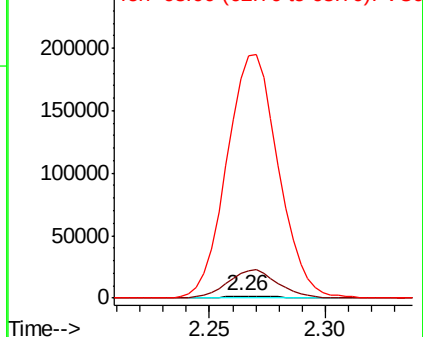
63 12565.7 92.4 171.6#

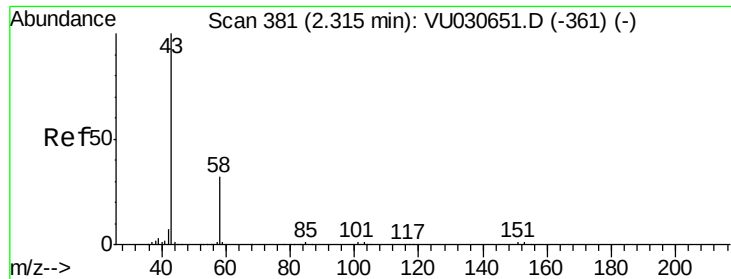


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

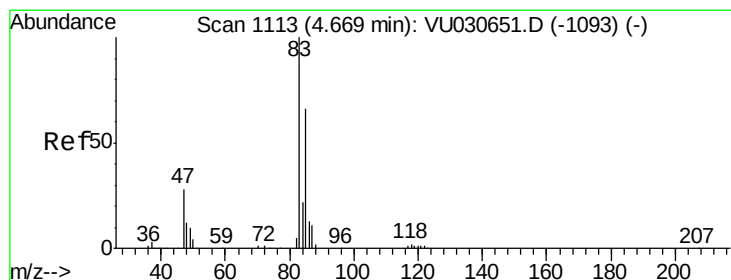
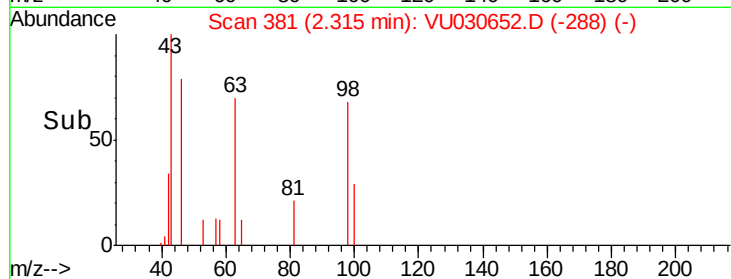
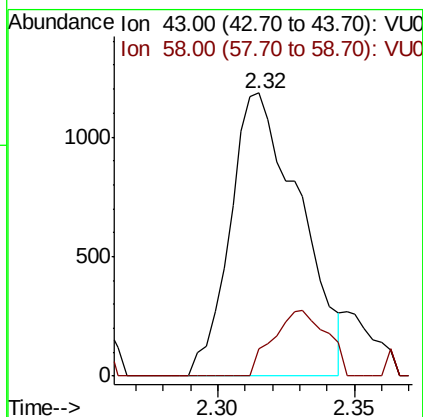
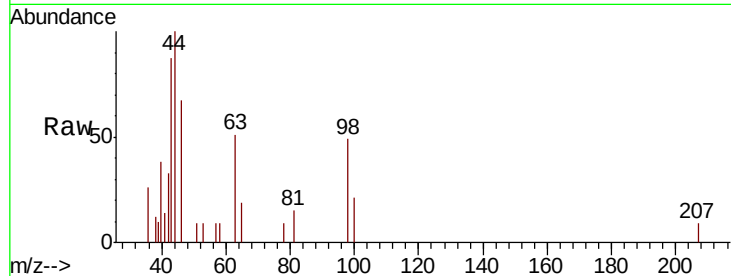




#13
Acetone
Concen: 0.484 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU030652.D
Acq: 04 Apr 2019 01:34

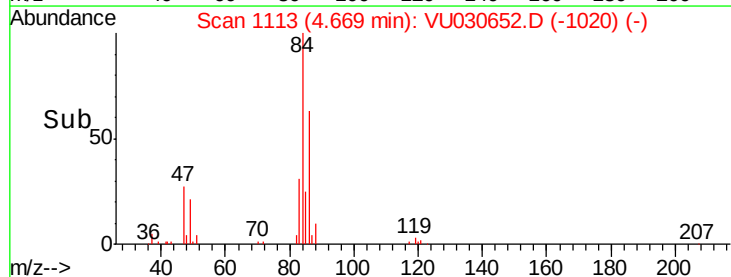
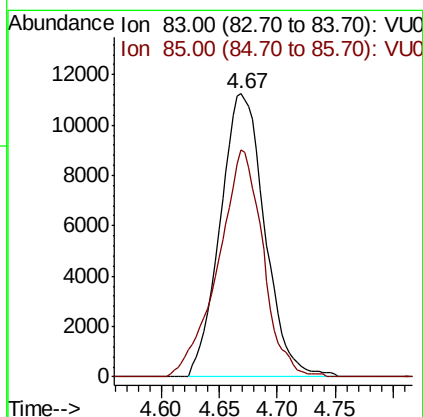
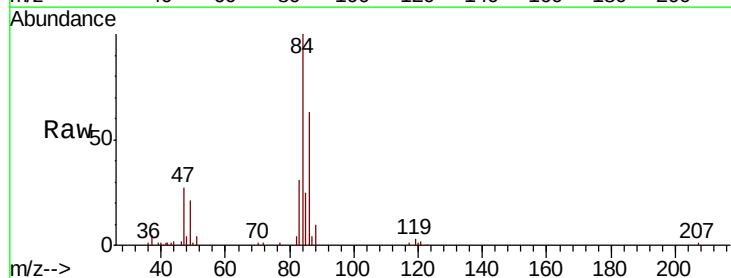
Instrument :
MSVOA_U
ClientSampleId :

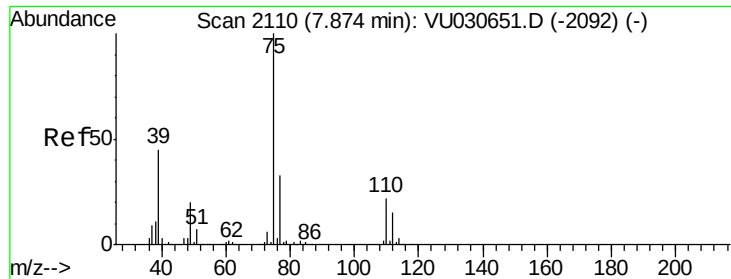
Tot Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 17.8 0.0 62.8



#25
Chloroform
Concen: 3.608 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030652.D
Acq: 04 Apr 2019 01:34

Tgt Ion: 83 Resp: 30010
Ion Ratio Lower Upper
83 100
85 80.2 44.4 82.4

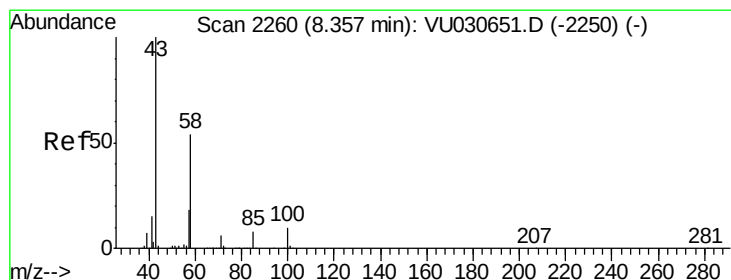
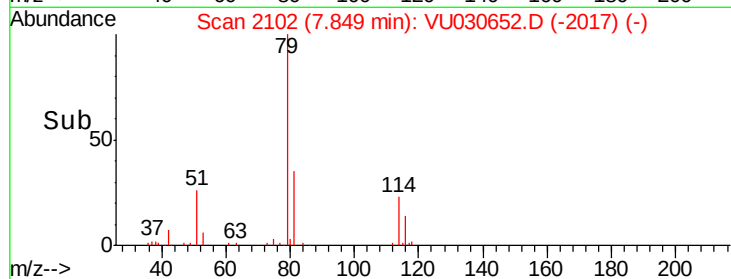
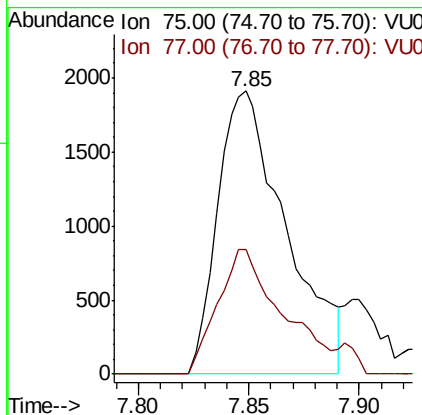
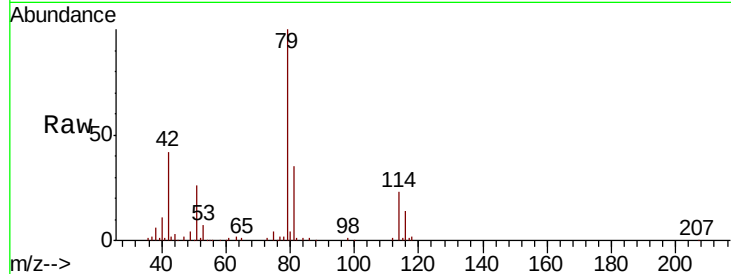




#44
trans-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030652.D
Acq: 04 Apr 2019 01:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
77 44.0 22.0 40.8#



#48
2-Hexanone
Concen: 1.477 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030652.D
Acq: 04 Apr 2019 01:34

Tgt Ion: 43 Resp: 10864
Ion Ratio Lower Upper
43 100
58 5.3 42.5 63.7#
57 5.0 15.0 22.6#
100 2.1 7.4 11.2#

