

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026376.D
 Acq On : 25 Aug 2018 17:12
 Operator : MD/SY
 Sample : J4644-12DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM2DL

Quant Time: Aug 27 01:32:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148665	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95921	49.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.64%
7) Chloroethane-d5	1.68	69	76844	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.90%
11) 1,1-Dichloroethene-d2	2.27	63	142120	37.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.36%
21) 2-Butanone-d5	4.18	46	143267	92.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.29%
24) Chloroform-d	4.65	84	194914	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.31	65	132652	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.35	84	393389	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
36) 1,2-Dichloropropane-d6	6.33	67	129436	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.82%
41) Toluene-d8	7.57	98	358300	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	7.85	79	60117	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.14%
47) 2-Hexanone-d5	8.31	63	107231	92.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	178941	44.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	153697	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%

Target Compounds

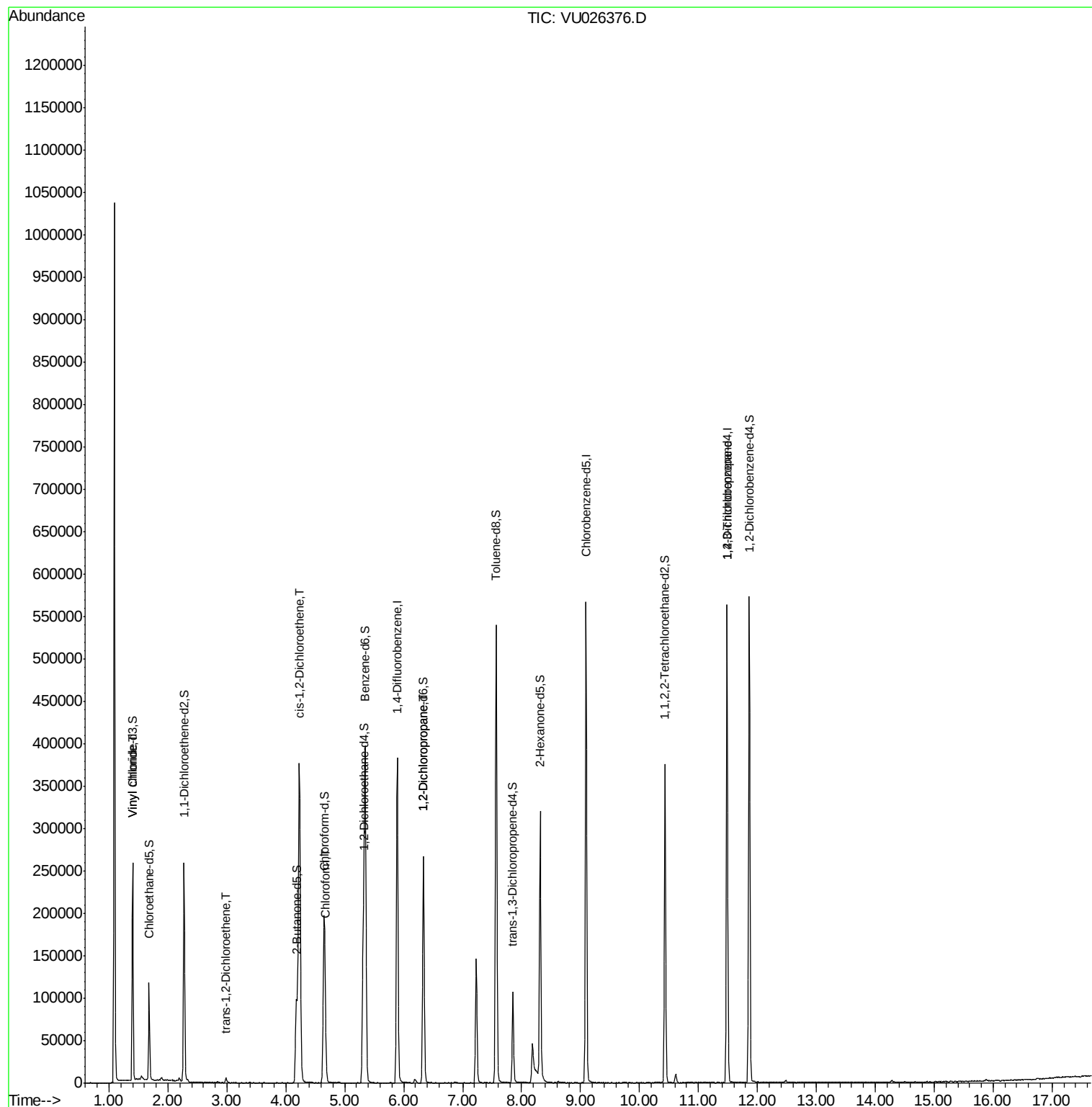
						Ovalue
5) Vinyl chloride	1.40	62	71660	30.81	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	2535	1.23	ug/L	89
20) cis-1,2-Dichloroethene	4.23	96	214592	93.98	ug/L	94
25) Chloroform	4.67	83	10781	2.68	ug/L	99
37) 1,2-Dichloropropane	6.33	63	13881	5.92	ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	15398	5.27	ug/L #	85

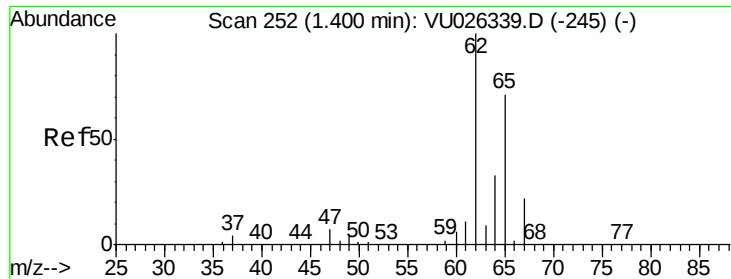
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 04:25:01 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 30.81 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

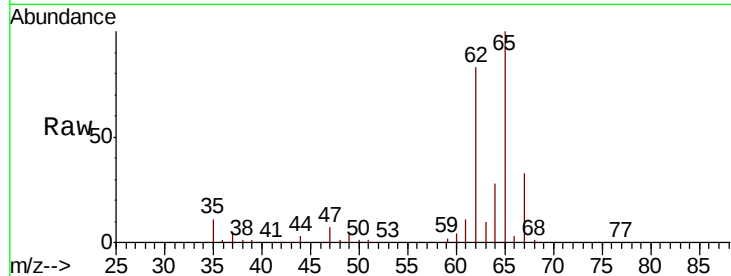
ETOM2DL

Tot Ion: 62 Resp: 71660

Ion Ratio Lower Upper

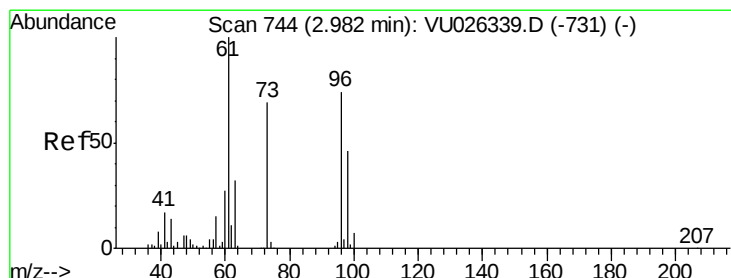
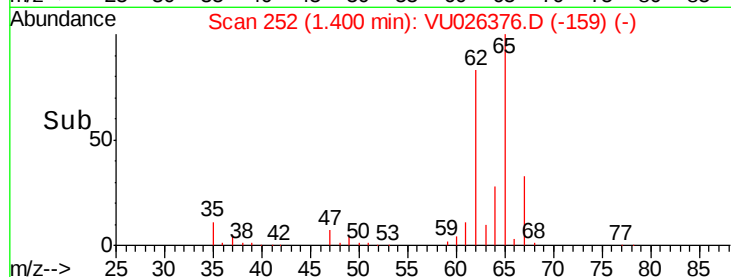
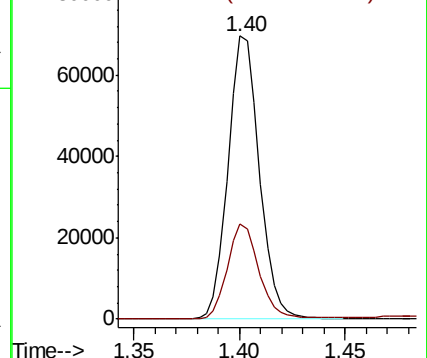
62 100

64 33.6 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 1.23 ug/L

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU026376.D

Acq: 25 Aug 2018 17:12

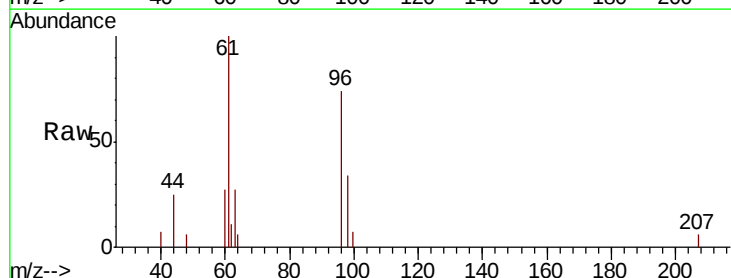
Tgt Ion: 96 Resp: 2535

Ion Ratio Lower Upper

96 100

61 134.6 97.9 181.9

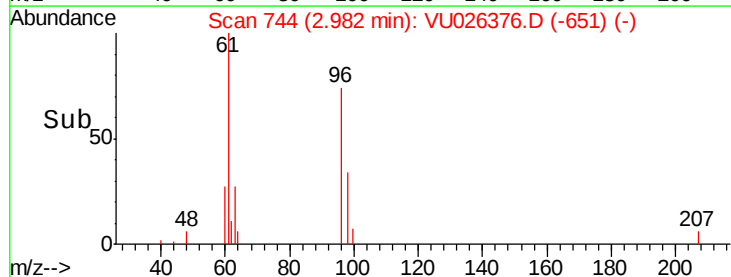
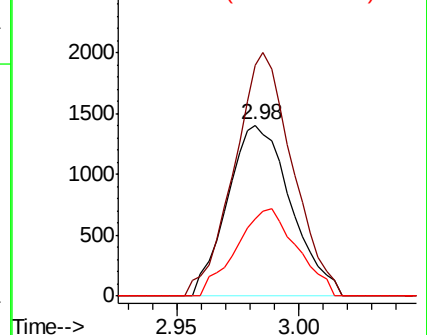
98 45.1 45.1 83.7

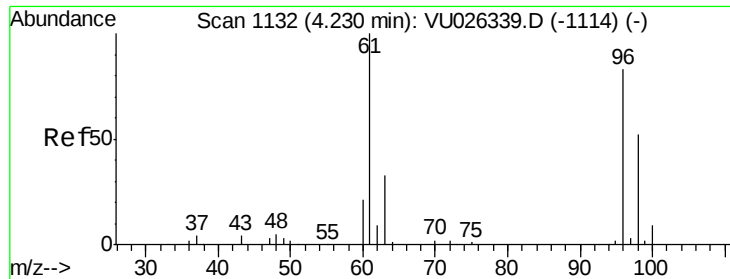


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

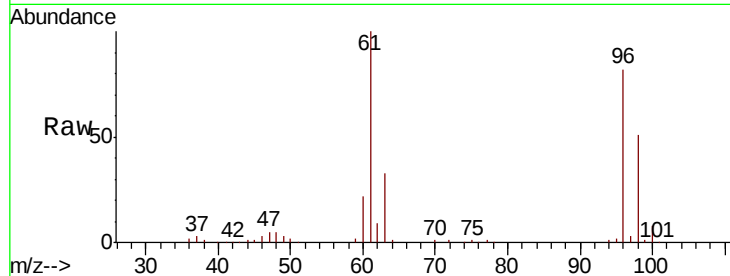




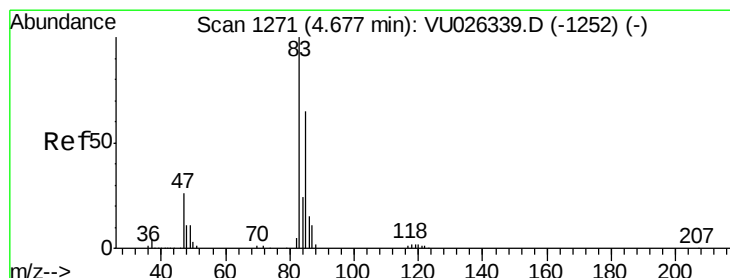
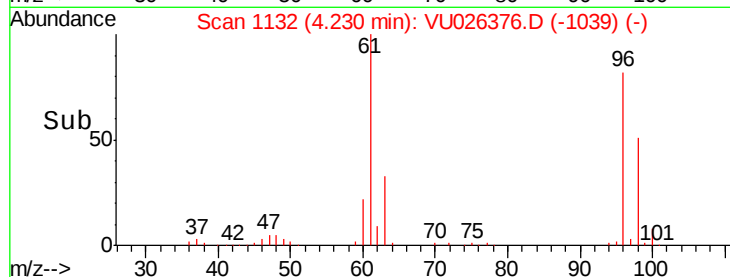
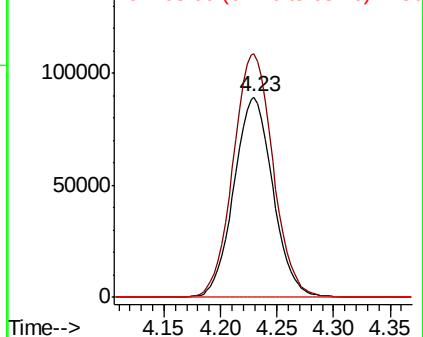
#20
 cis-1,2-Dichloroethene
 Concen: 93.98 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026376.D
 Acq: 25 Aug 2018 17:12

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Tot Ion: 96 Resp: 214592
 Ion Ratio Lower Upper
 96 100
 61 121.5 90.3 167.7
 68 0.0 0.0 0.0

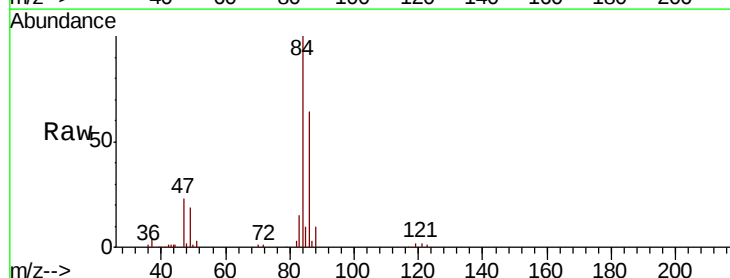


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

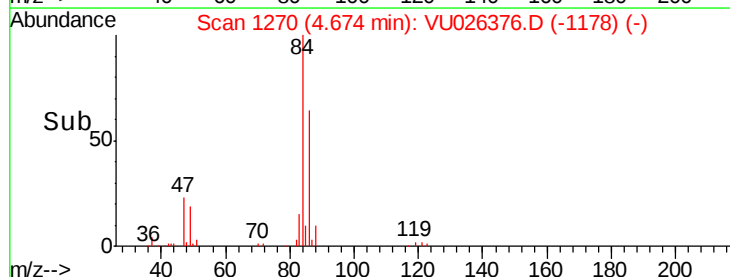
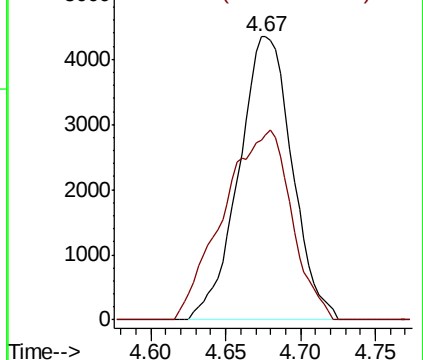


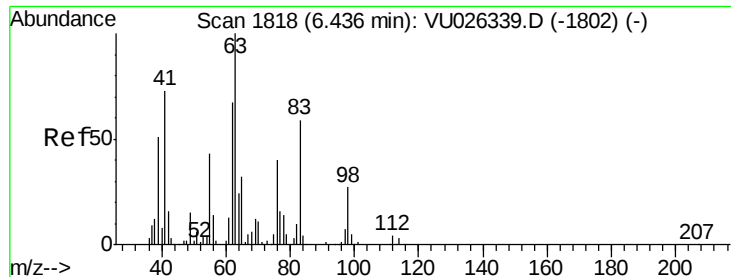
#25
 Chloroform
 Concen: 2.68 ug/L
 RT: 4.67 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU026376.D
 Acq: 25 Aug 2018 17:12

Tgt Ion: 83 Resp: 10781
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

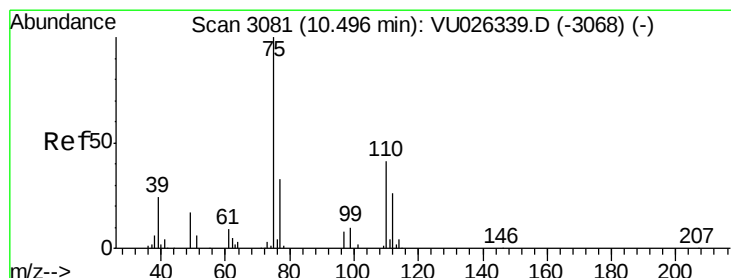
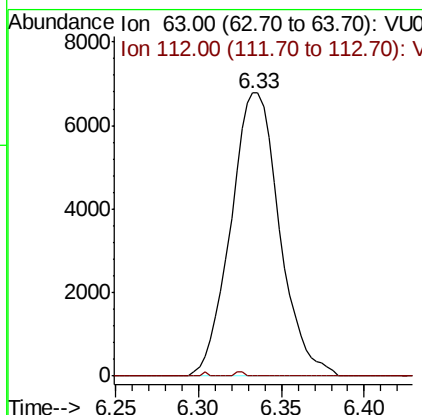
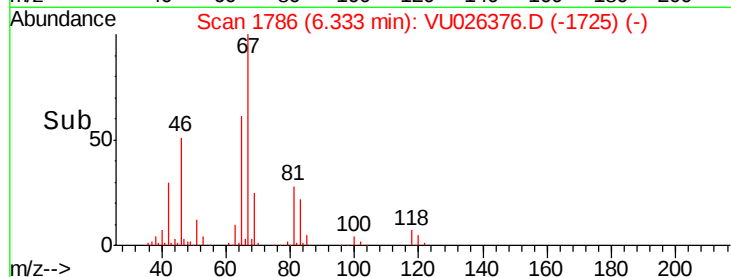
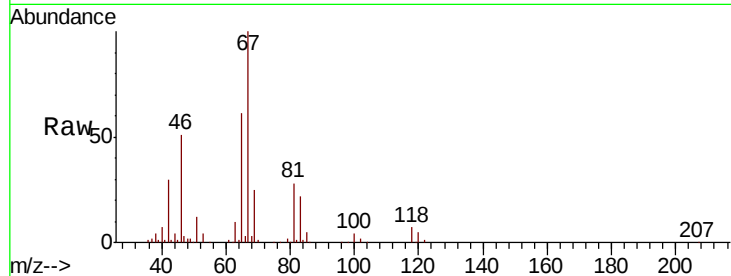




#37
 1,2-Dichloropropane
 Concen: 5.92 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026376.D
 Acq: 25 Aug 2018 17:12

Instrument :
 MSVOA_U
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 ETOM2DL

Tot Ion: 63 Resp: 13881
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.27 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026376.D
 Acq: 25 Aug 2018 17:12

Tgt Ion: 75 Resp: 15398
 Ion Ratio Lower Upper
 75 100
 77 40.1 25.5 38.3#

