

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036274.D
 Acq On : 18 Dec 2019 15:40
 Operator : JC/MD
 Sample : K6275-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 19 00:54:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 19 00:50:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	262067	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	114919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128198	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.93	69	105988	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	124153	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.70	46	184731	42.73	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.46%
24) Chloroform-d	5.11	84	171161	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.75	65	85168	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.77	84	319239	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.73	67	98498	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.93	98	255282	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.21	79	37119	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.68	63	148202	40.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	89671	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	96759	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

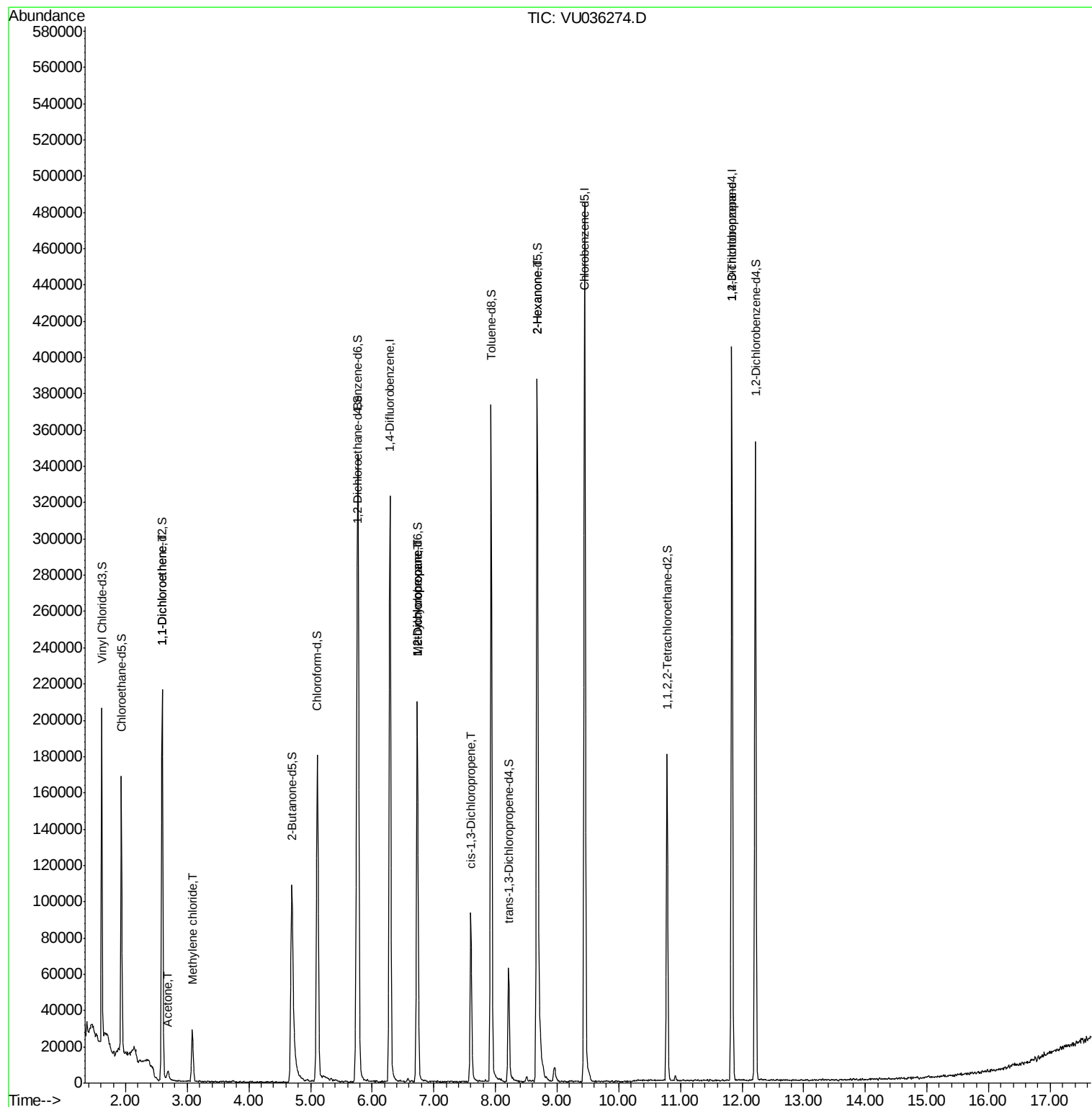
Target Compounds

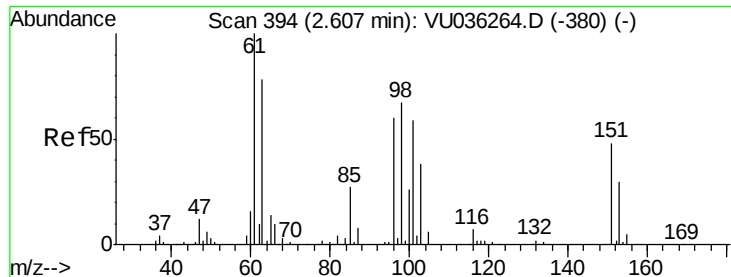
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1187	0.061 ug/L #	1
13) Acetone	2.68	43	7720	2.049 ug/L	95
16) Methylene chloride	3.08	84	14046	0.491 ug/L	91
35) Methylcyclohexane	6.73	83	24563	0.744 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11075	0.482 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2603	0.083 ug/L #	75
48) 2-Hexanone	8.68	43	18468	2.060 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	12120	0.794 ug/L #	87

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

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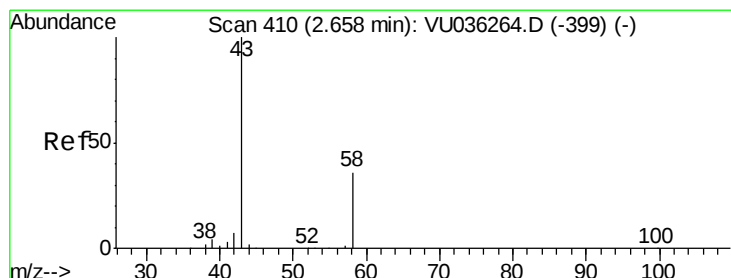
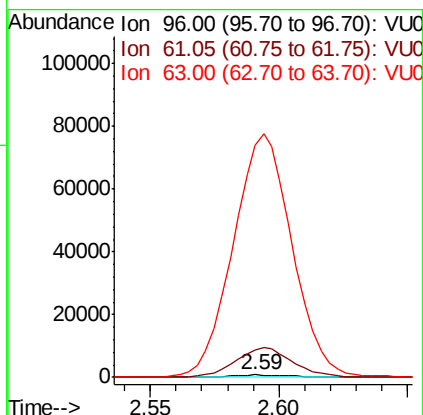
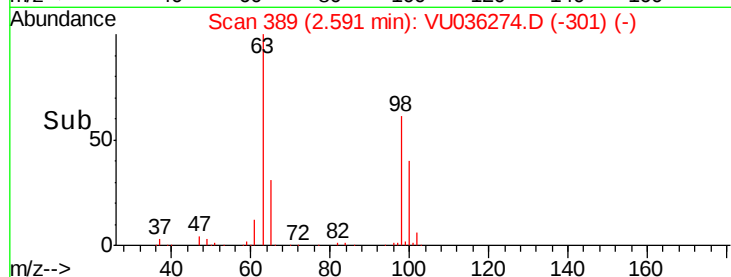
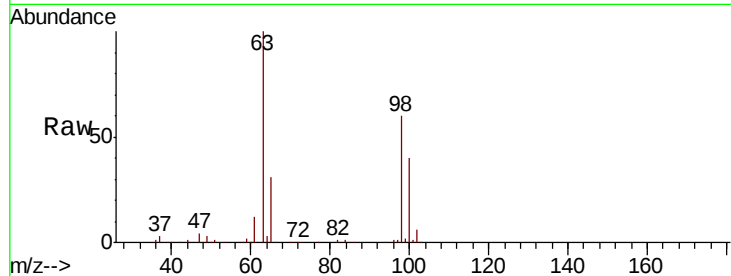
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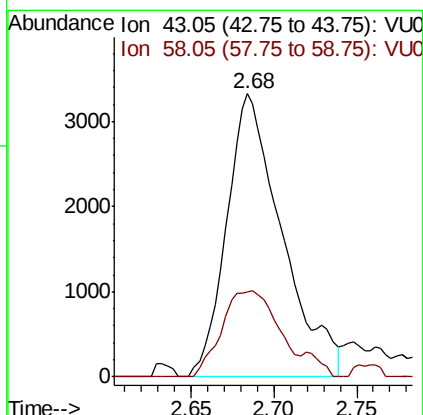
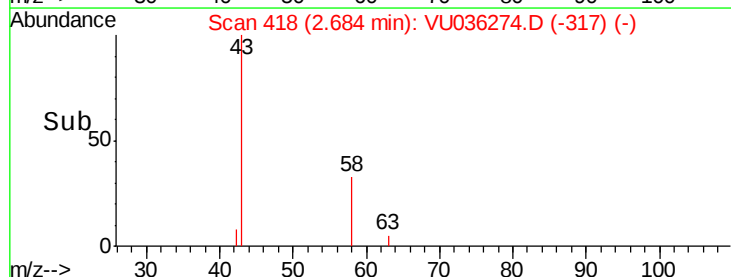
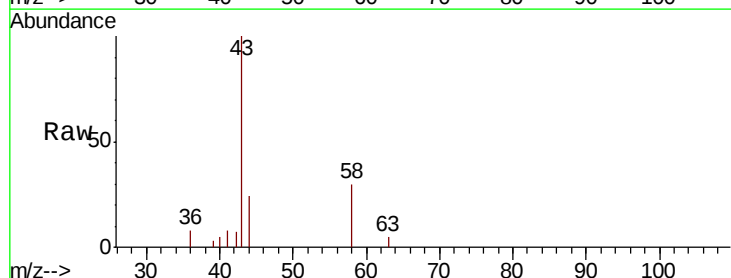
#12
 1,1-Dichloroethene
 Concen: 0.061 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU036274.D
 Acq: 18 Dec 2019 15:40

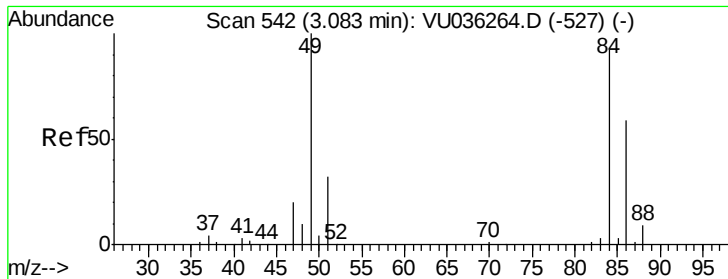
Tot Ion: 96 Resp: 1187
 Ion Ratio Lower Upper
 96 100
 61 1175.5 114.0 211.8#
 63 9827.1 63.6 118.0#



#13
 Acetone
 Concen: 2.049 ug/L
 RT: 2.68 min Scan# 418
 Delta R.T. 0.03 min
 Lab File: VU036274.D
 Acq: 18 Dec 2019 15:40

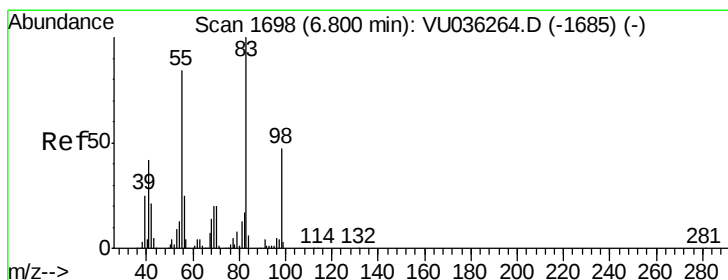
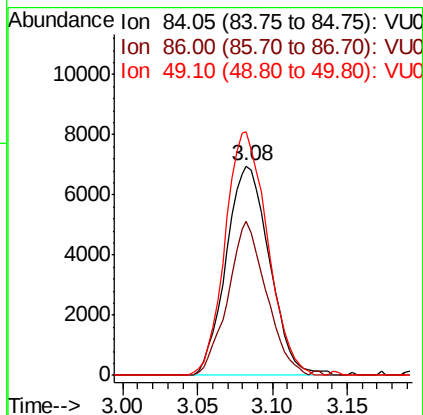
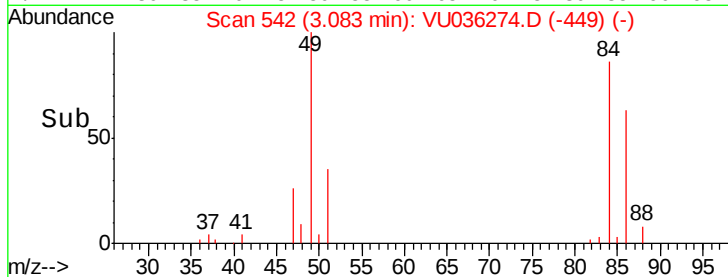
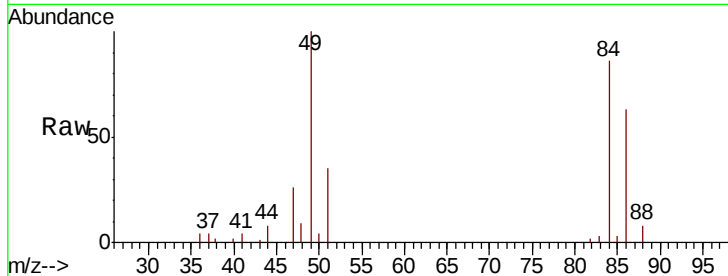
Tgt Ion: 43 Resp: 7720
 Ion Ratio Lower Upper
 43 100
 58 30.8 0.0 67.6





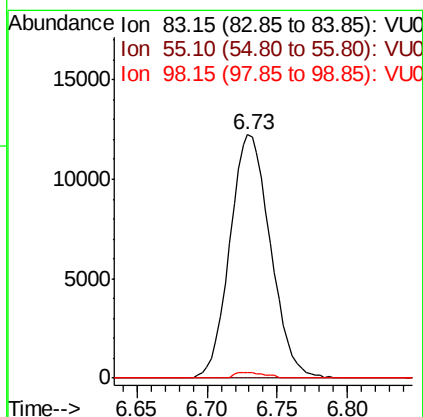
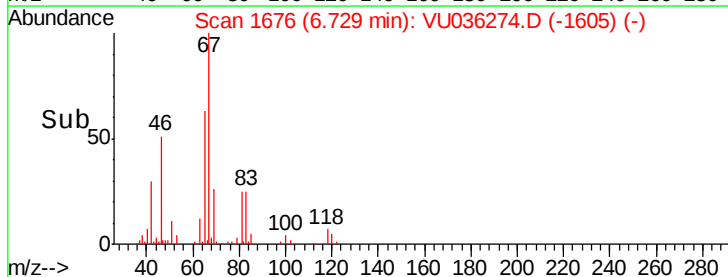
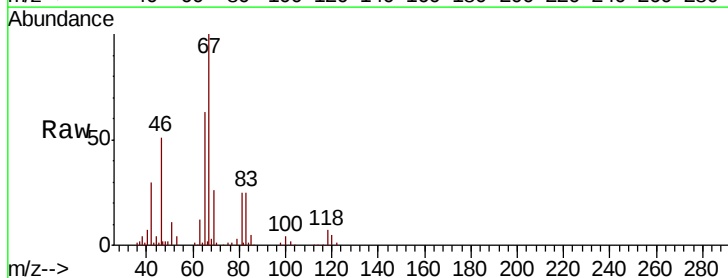
#16
Methylene chloride
Concen: 0.491 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036274.D
Acq: 18 Dec 2019 15:40

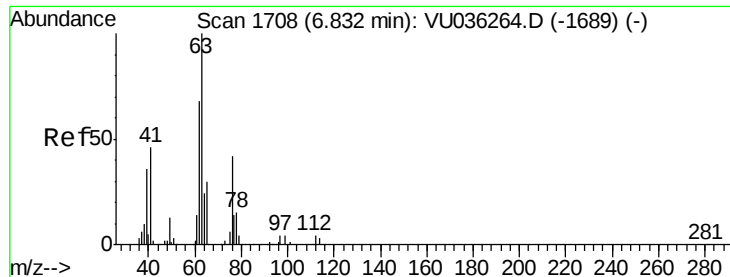
Tot Ion: 84 Resp: 14046
Ion Ratio Lower Upper
84 100
86 73.4 43.0 79.8
49 116.3 77.3 143.5



#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036274.D
Acq: 18 Dec 2019 15:40

Tgt Ion: 83 Resp: 24563
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.8 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.482 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036274.D

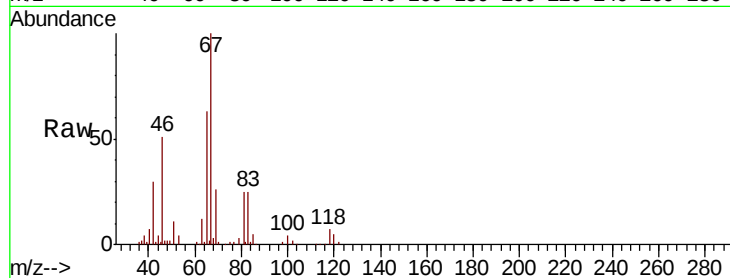
Acq: 18 Dec 2019 15:40

Tot Ion: 63 Resp: 11075

Ion Ratio Lower Upper

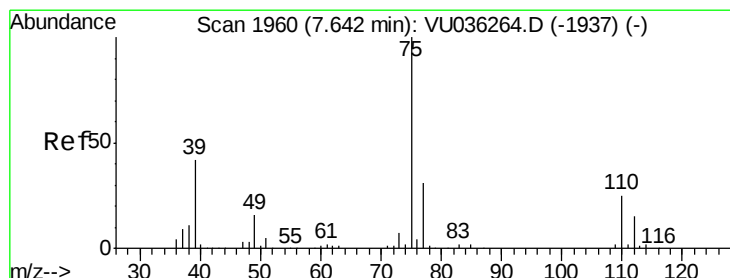
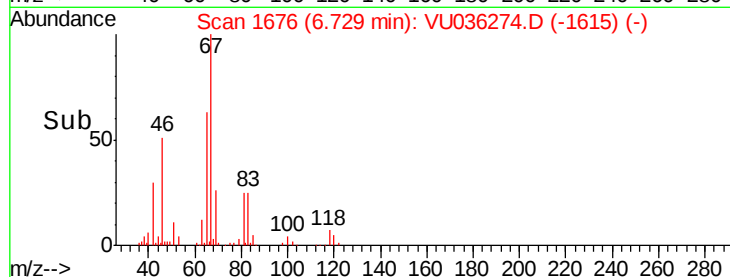
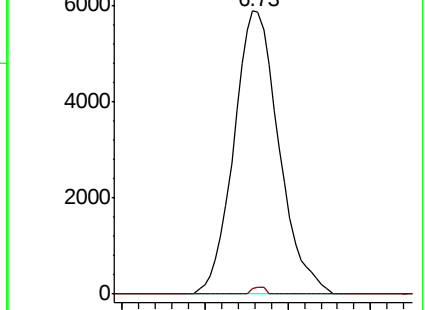
63 100

112 0.7 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036274.D (-1676) (-)

Ion 112.10 (111.80 to 112.80): VU036274.D (-1676) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.05 min

Lab File: VU036274.D

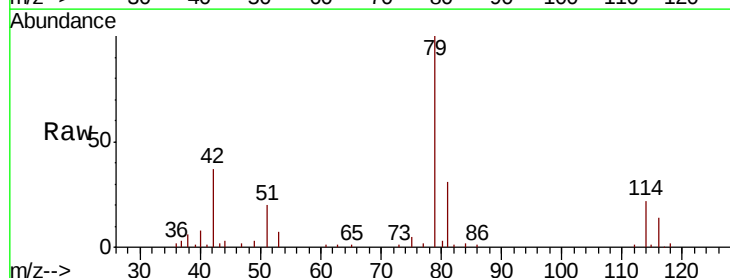
Acq: 18 Dec 2019 15:40

Tgt Ion: 75 Resp: 2603

Ion Ratio Lower Upper

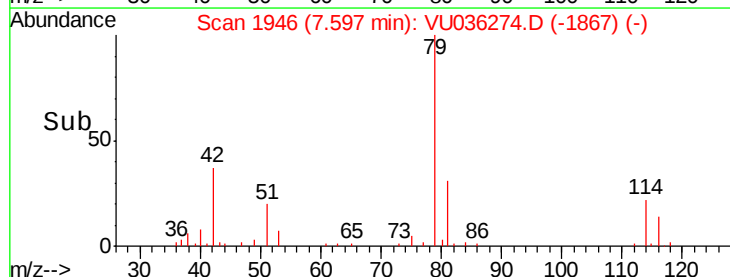
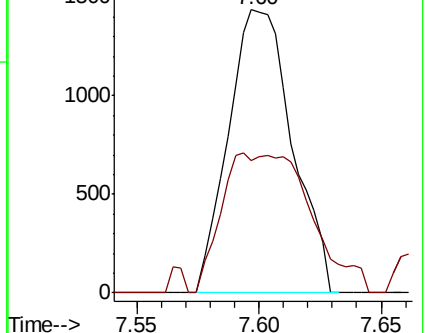
75 100

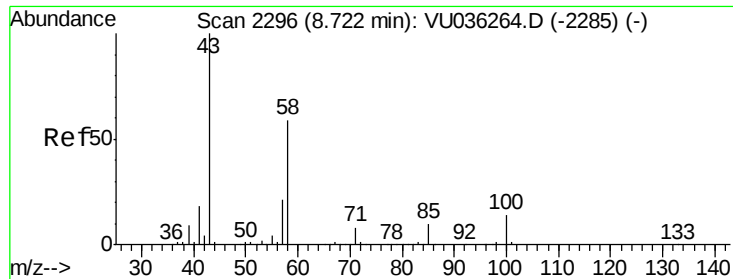
77 46.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036274.D (-1867) (-)

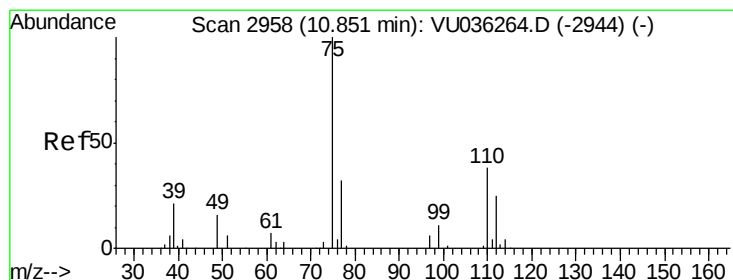
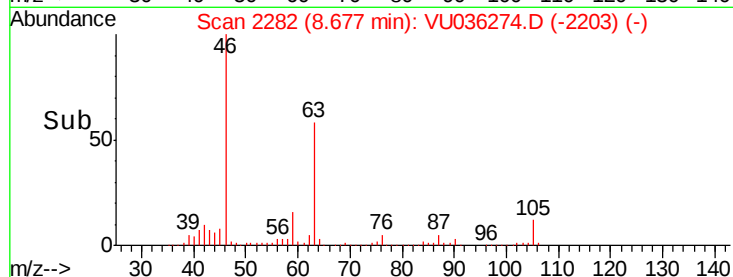
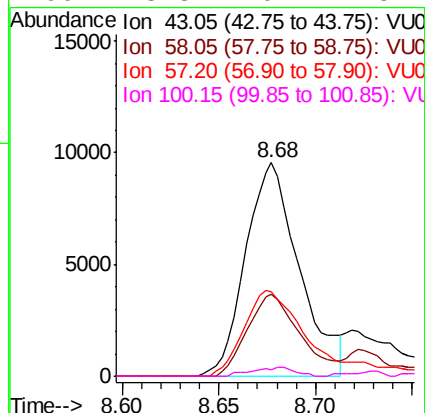
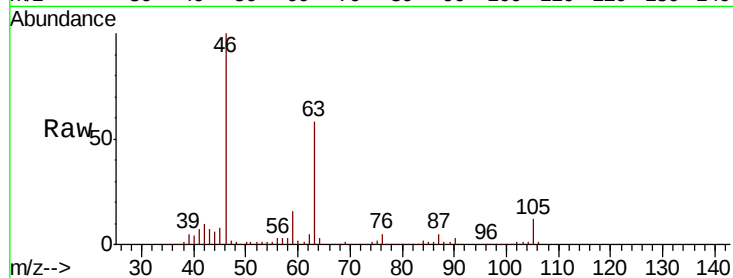
Ion 77.05 (76.75 to 77.75): VU036274.D (-1867) (-)





#48
2-Hexanone
Concen: 2.060 ug/L
RT: 8.68 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VU036274.D
Acq: 18 Dec 2019 15:40

Tot Ion:	43	Resp:	18468
Ion	Ratio	Lower	Upper
43	100		
58	37.1	46.2	69.2#
57	43.6	16.2	24.4#
100	3.3	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 0.794 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036274.D
Acq: 18 Dec 2019 15:40

Tgt Ion:	75	Resp:	12120
Ion	Ratio	Lower	Upper
75	100		
77	41.3	27.2	40.8#

