

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036268.D
 Acq On : 18 Dec 2019 13:10
 Operator : JC/MD
 Sample : K6275-16DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 00:53:28 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	269534	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	290891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	123454	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	110742	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	127512	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.68	46	188368	42.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.72%
24) Chloroform-d	5.11	84	172839	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	89977	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.77	84	324065	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.73	67	105590	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.93	98	266383	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	8.21	79	37402	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.68	63	140620	38.79	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90321	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	83212	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

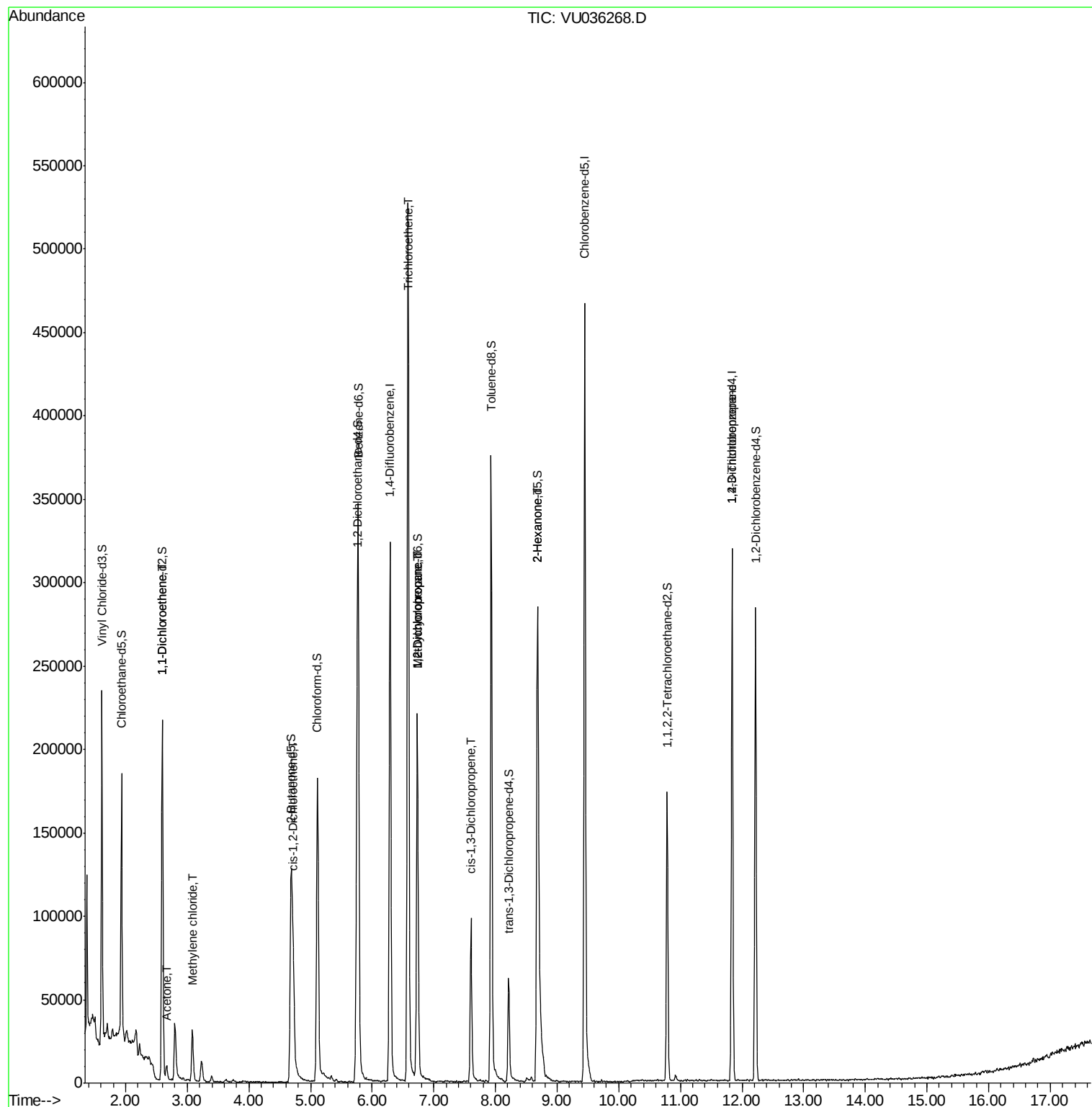
Target Compounds

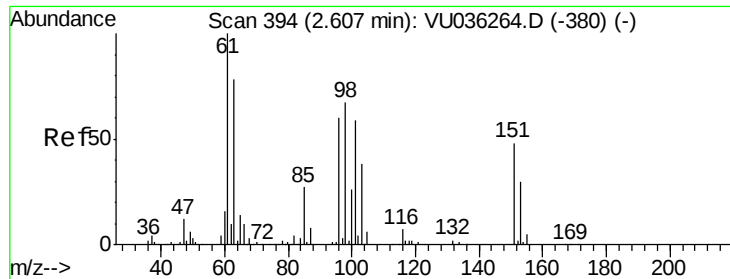
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1996	0.100	ug/L #	1
13) Acetone	2.67	43	8833	2.279	ug/L	95
16) Methylene chloride	3.09	84	15966	0.543	ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	31694	1.411	ug/L	99
34) Trichloroethene	6.58	95	185680	8.056	ug/L	99
35) Methylcyclohexane	6.73	83	24684	0.753	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11346	0.497	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2781	0.089	ug/L #	64
48) 2-Hexanone	8.68	43	20846	2.341	ug/L #	66
59) 1,2,3-Trichloropropane	11.84	75	9737	0.642	ug/L #	85

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

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.100 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036268.D

Acq: 18 Dec 2019 13:10

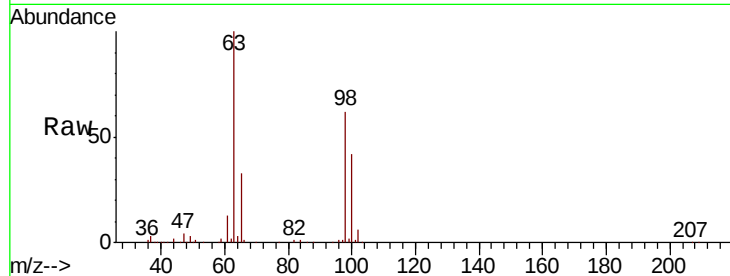
Tot Ion: 96 Resp: 1996

Ion Ratio Lower Upper

96 100

61 989.3 114.0 211.8#

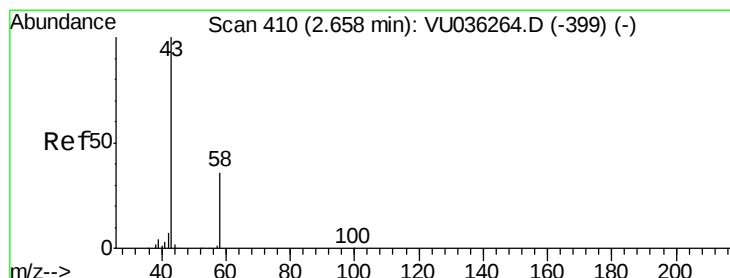
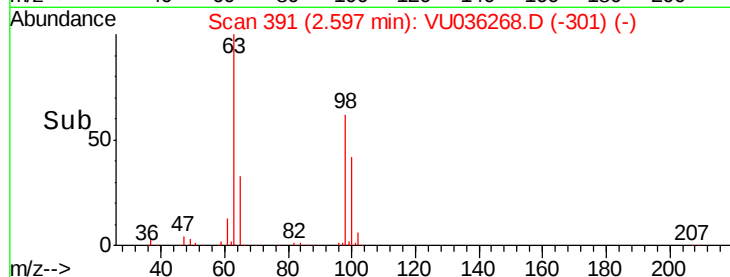
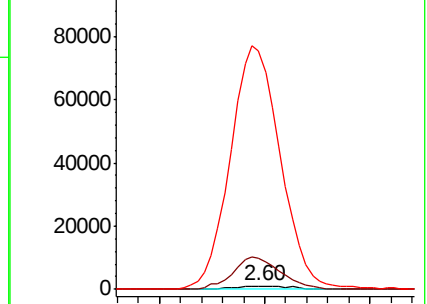
63 7540.6 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036268.D (-391) (-)

Ion 61.05 (60.75 to 61.75): VU036268.D (-391) (-)

Ion 63.00 (62.70 to 63.70): VU036268.D (-391) (-)



#13

Acetone

Concen: 2.279 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU036268.D

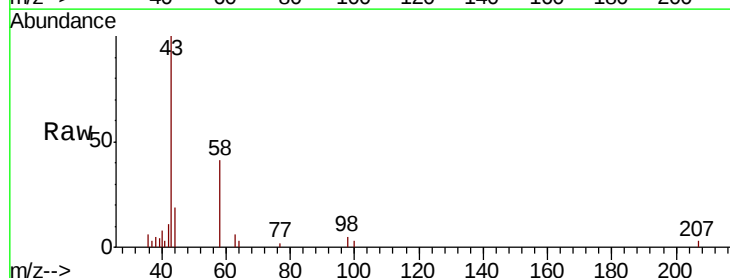
Acq: 18 Dec 2019 13:10

Tgt Ion: 43 Resp: 8833

Ion Ratio Lower Upper

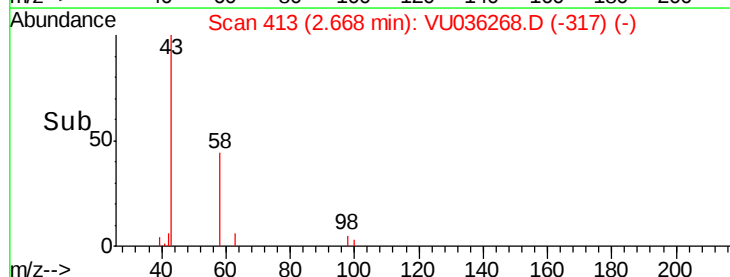
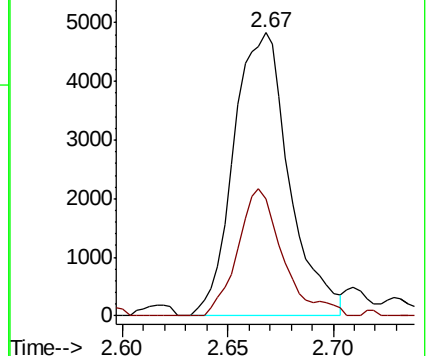
43 100

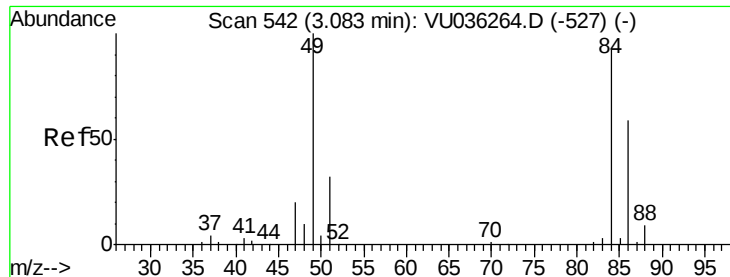
58 36.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036268.D (-317) (-)

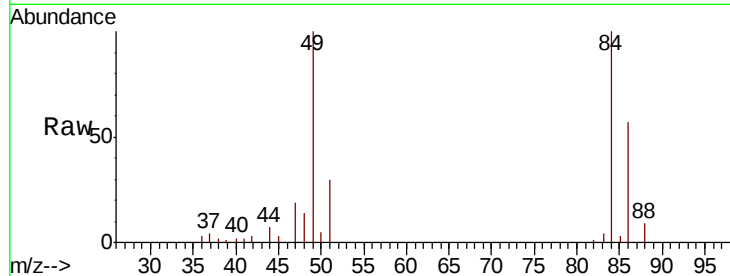
Ion 58.05 (57.75 to 58.75): VU036268.D (-317) (-)



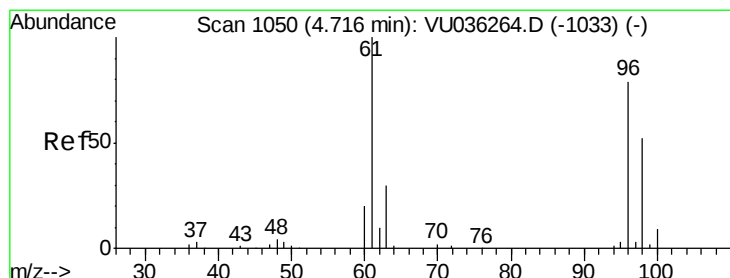
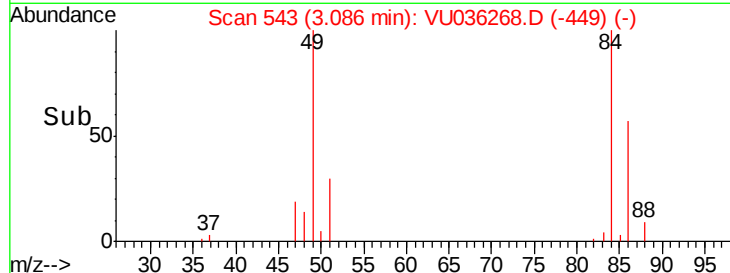
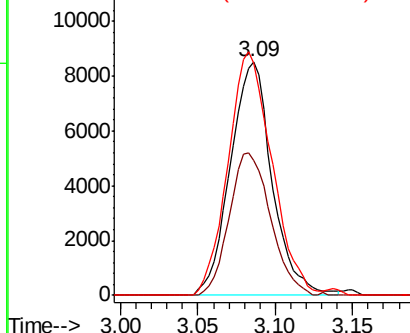


#16
Methylene chloride
Concen: 0.543 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU036268.D
Acq: 18 Dec 2019 13:10

Tot Ion: 84 Resp: 15966
Ion Ratio Lower Upper
84 100
86 57.5 43.0 79.8
49 99.5 77.3 143.5

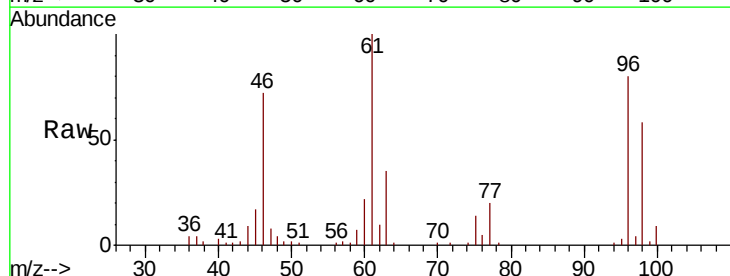


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

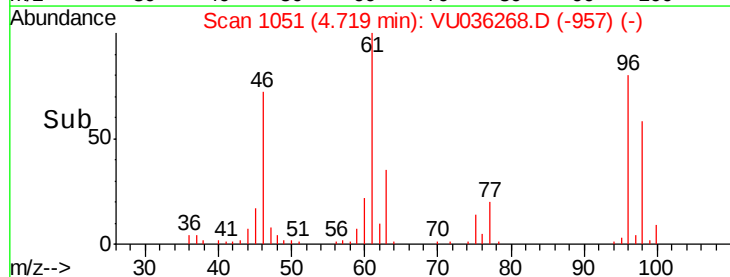
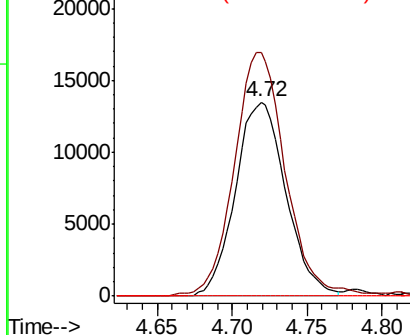


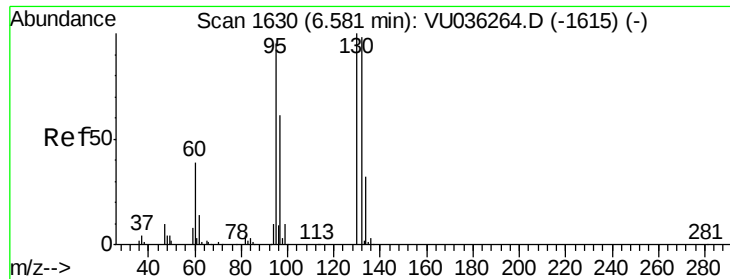
#22
cis-1,2-Dichloroethene
Concen: 1.411 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036268.D
Acq: 18 Dec 2019 13:10

Tgt Ion: 96 Resp: 31694
Ion Ratio Lower Upper
96 100
61 125.6 86.7 161.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 8.056 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036268.D

Acq: 18 Dec 2019 13:10

Tot Ion: 95 Resp: 185680

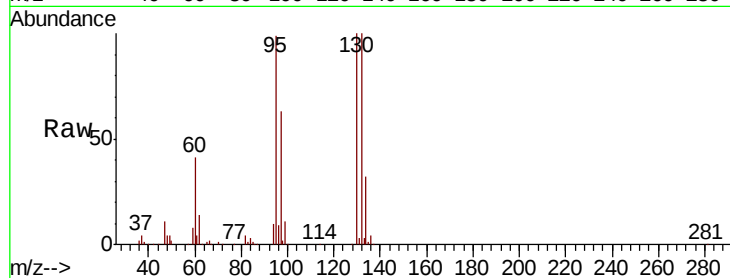
Ion Ratio Lower Upper

95 100

97 63.4 43.6 81.0

132 101.2 69.6 129.2

130 101.3 70.3 130.7

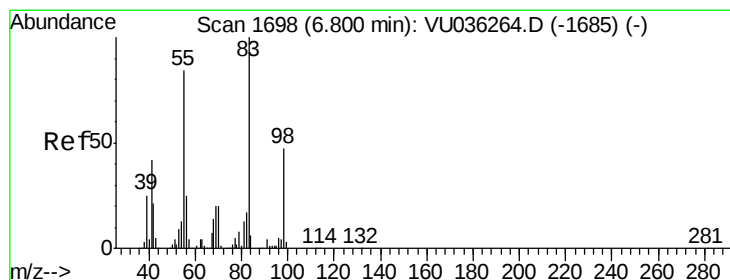
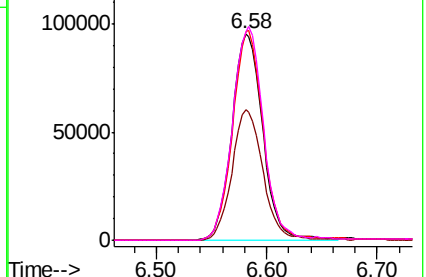
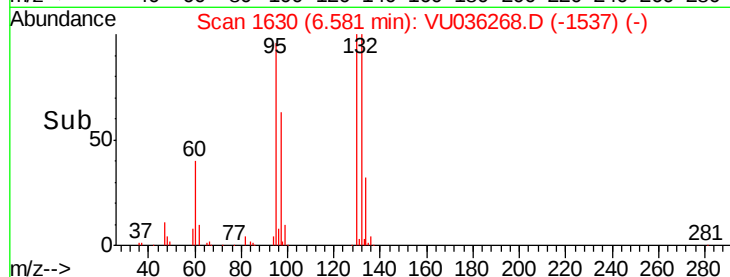


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036268.D

Acq: 18 Dec 2019 13:10

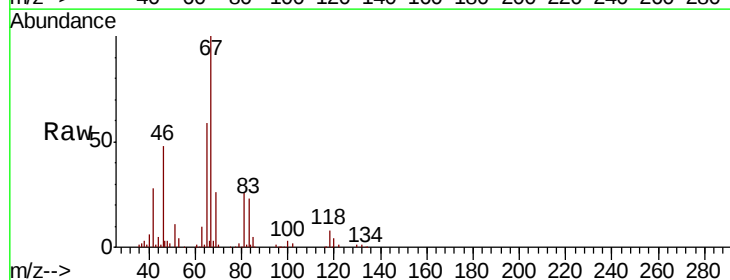
Tgt Ion: 83 Resp: 24684

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

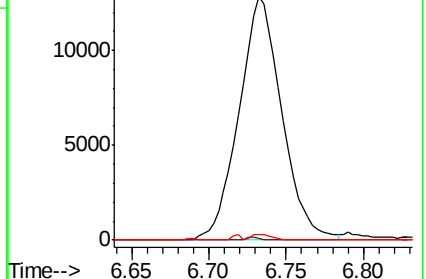
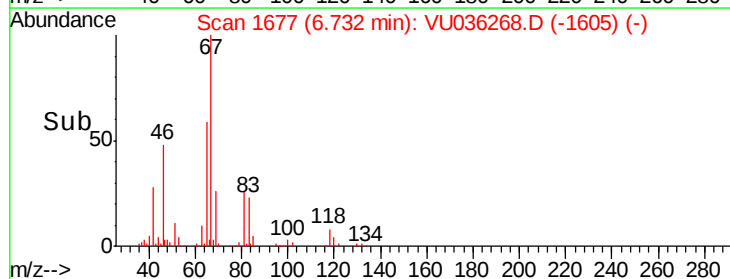
98 1.2 36.2 54.2#

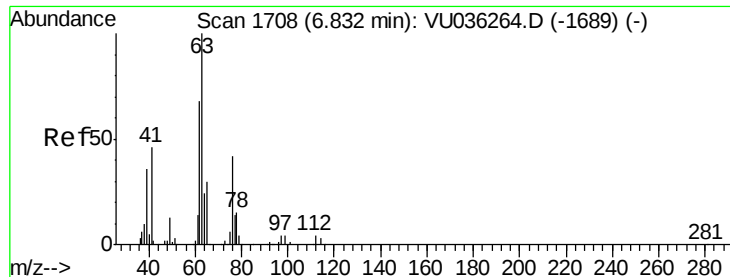


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

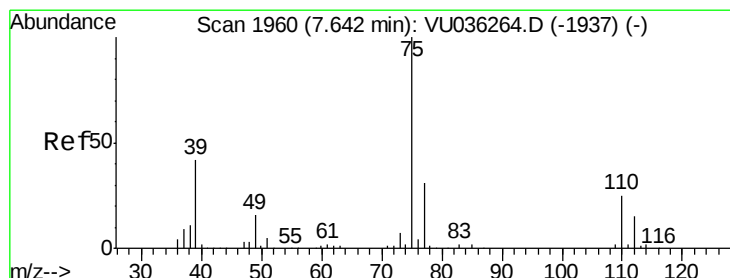
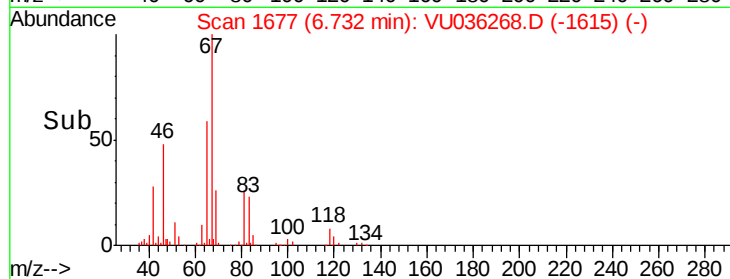
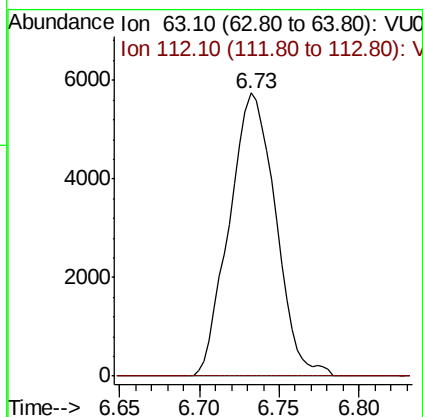
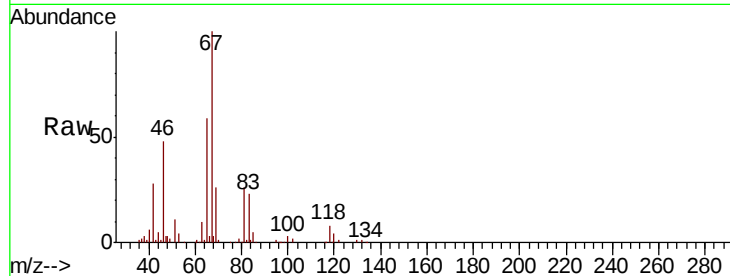
Ion 98.15 (97.85 to 98.85): VU0





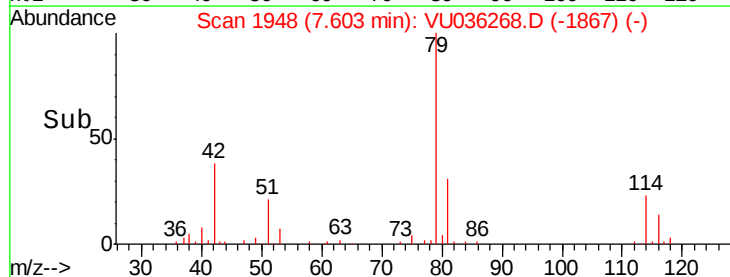
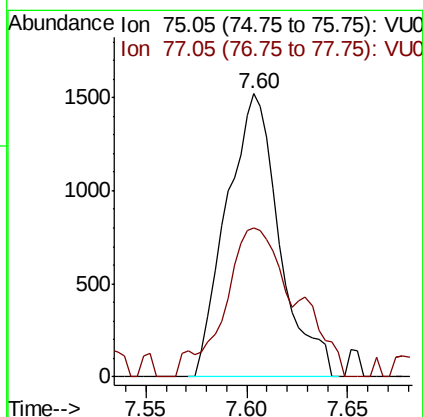
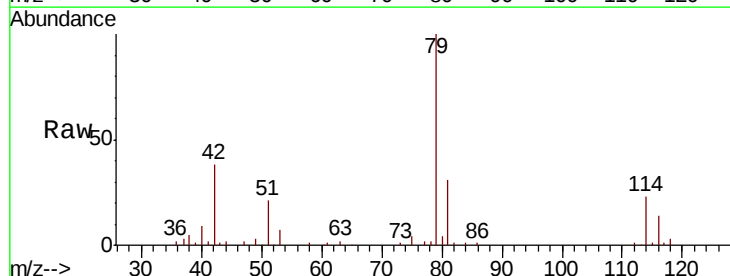
#37
 1,2-Dichloropropane
 Concen: 0.497 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036268.D
 Acq: 18 Dec 2019 13:10

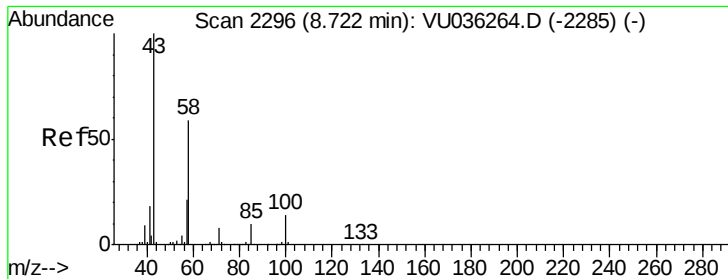
Tot Ion: 63 Resp: 11346
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036268.D
 Acq: 18 Dec 2019 13:10

Tgt Ion: 75 Resp: 2781
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.7 42.1#





#48

2-Hexanone

Concen: 2.341 ug/L

RT: 8.68 min Scan# 2284

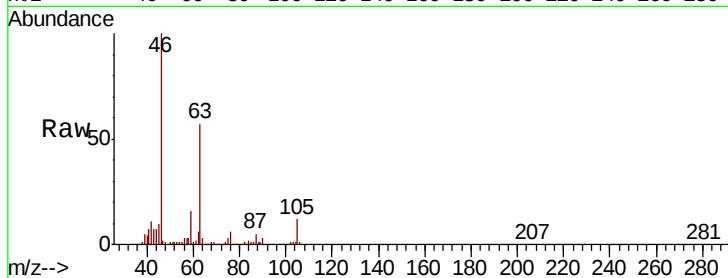
Delta R.T. -0.04 min

Lab File: VU036268.D

Acq: 18 Dec 2019 13:10

Tot Ion: 43 Resp: 20846

Ion	Ratio	Lower	Upper
43	100		
58	30.1	46.2	69.2#
57	33.4	16.2	24.4#
100	2.8	10.2	15.4#

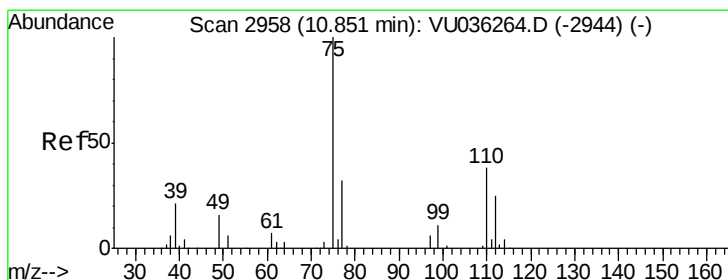
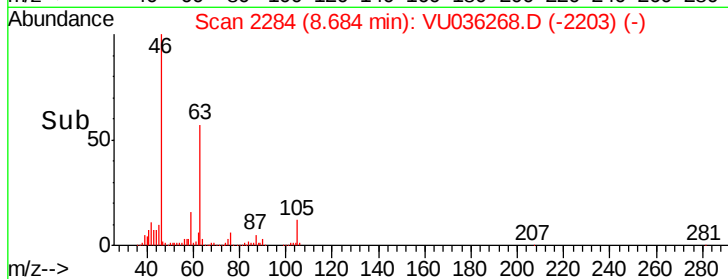
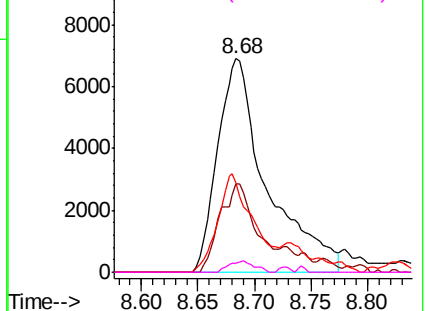


Abundance Ion 43.05 (42.75 to 43.75): VU036268.D (-2285) (-)

Ion 58.05 (57.75 to 58.75): VU036268.D (-2285) (-)

Ion 57.20 (56.90 to 57.90): VU036268.D (-2285) (-)

Ion 100.15 (99.85 to 100.85): VU036268.D (-2285) (-)



#59

1,2,3-Trichloropropane

Concen: 0.642 ug/L

RT: 11.84 min Scan# 3265

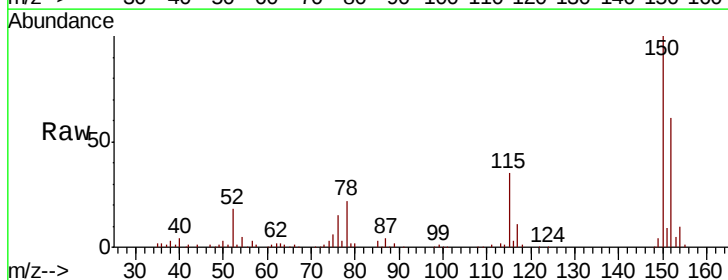
Delta R.T. 0.99 min

Lab File: VU036268.D

Acq: 18 Dec 2019 13:10

Tgt Ion: 75 Resp: 9737

Ion	Ratio	Lower	Upper
75	100		
77	42.8	27.2	40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU036268.D (-2336) (-)

Ion 77.00 (76.70 to 77.70): VU036268.D (-2336) (-)

