

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036270.D
 Acq On : 18 Dec 2019 13:58
 Operator : JC/MD
 Sample : K6275-19DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 19 00:53:41 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	262813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	285011	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	122944	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.93	69	109570	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.60	63	124629	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.68	46	180690	41.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.34%
24) Chloroform-d	5.11	84	170618	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.75	65	88587	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.77	84	318970	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.73	67	103284	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.93	98	261499	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.21	79	37670	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.68	63	144302	40.63	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.26%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	87140	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	80677	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

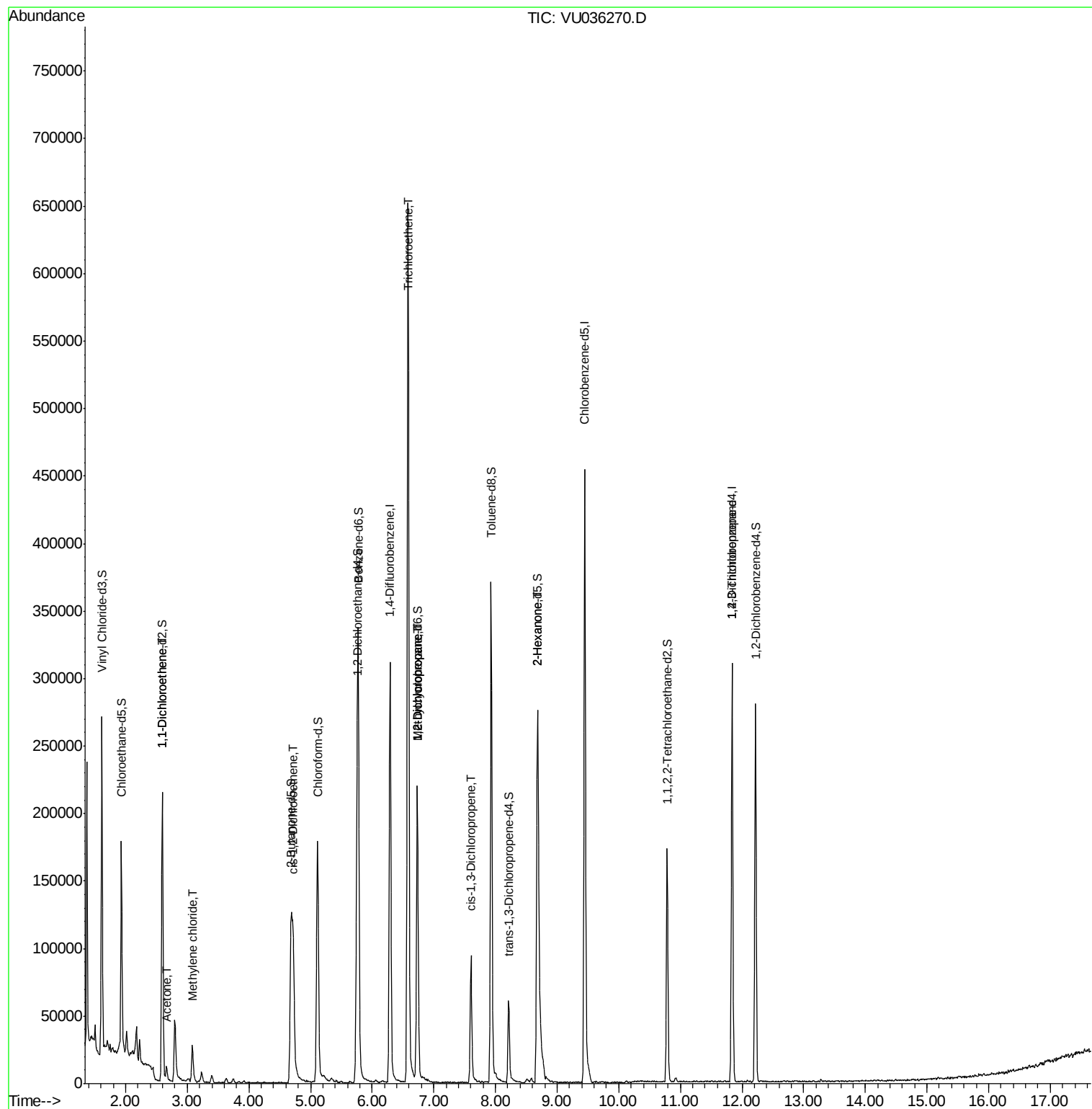
Target Compounds

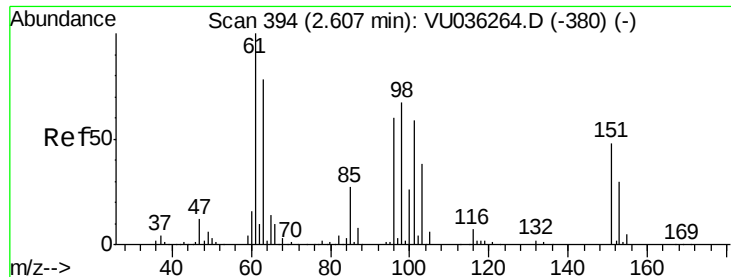
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	2439	0.125	ug/L #	1
13) Acetone	2.66	43	11049	2.924	ug/L	91
16) Methylene chloride	3.08	84	13276	0.463	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	49430	2.257	ug/L	98
34) Trichloroethene	6.58	95	225212	9.973	ug/L	98
35) Methylcyclohexane	6.73	83	23948	0.746	ug/L #	20
37) 1,2-Dichloropropane	6.73	63	11089	0.496	ug/L #	90
39) cis-1,3-Dichloropropene	7.61	75	2439	0.080	ug/L #	63
48) 2-Hexanone	8.69	43	16032	1.838	ug/L #	77
59) 1,2,3-Trichloropropane	11.84	75	9822	0.661	ug/L	97

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

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.125 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036270.D

Acq: 18 Dec 2019 13:58

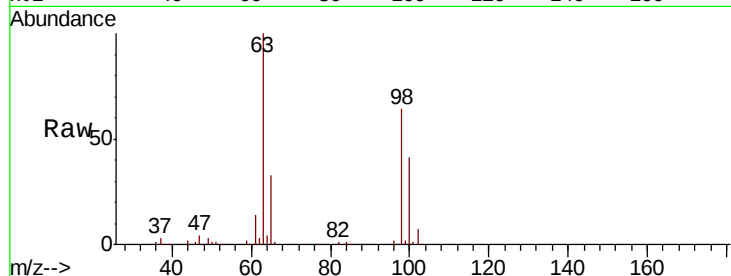
Tot Ion: 96 Resp: 2439

Ion Ratio Lower Upper

96 100

61 663.1 114.0 211.8#

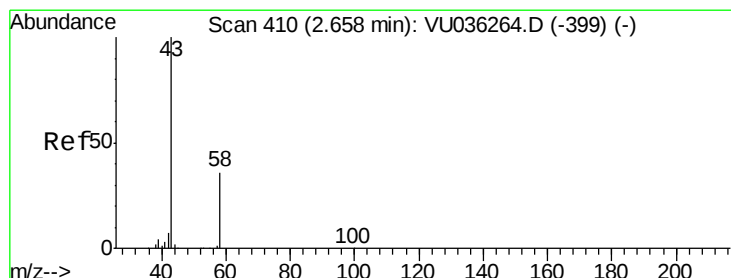
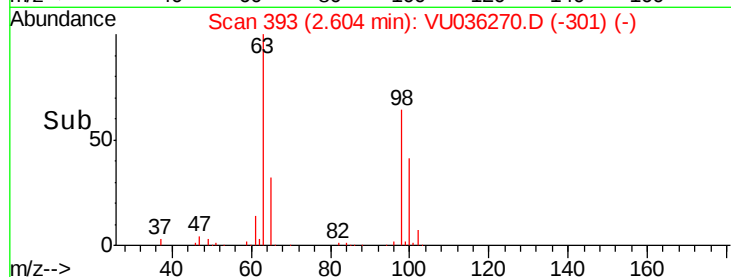
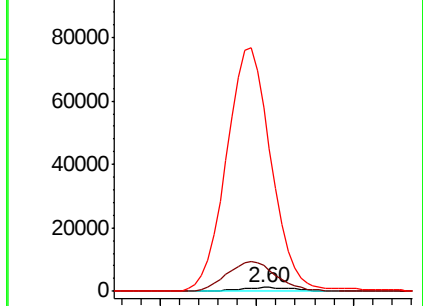
63 4777.6 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036270.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU036270.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU036270.D (-301) (-)



#13

Acetone

Concen: 2.924 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU036270.D

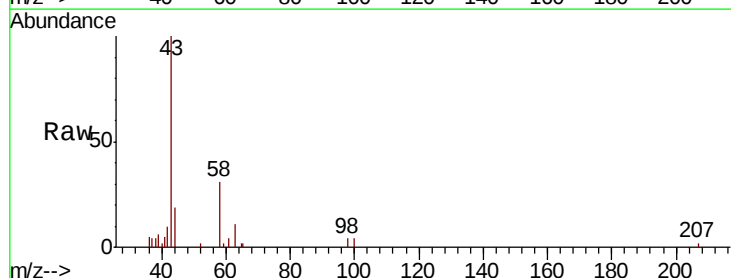
Acq: 18 Dec 2019 13:58

Tgt Ion: 43 Resp: 11049

Ion Ratio Lower Upper

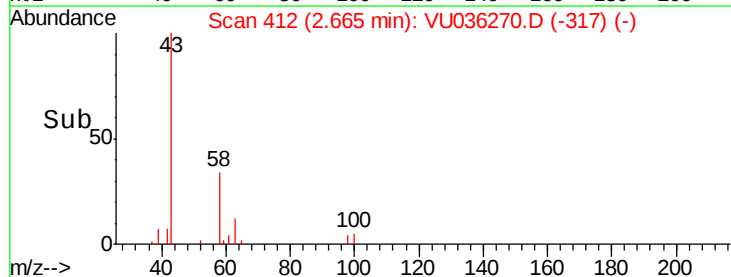
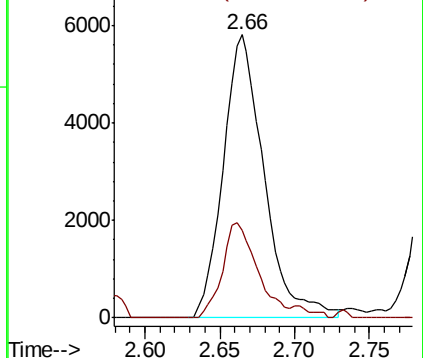
43 100

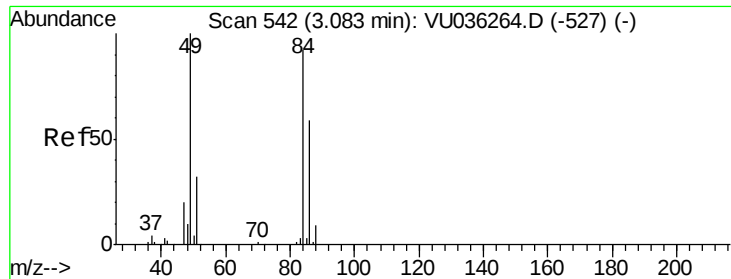
58 28.7 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036270.D (-317) (-)

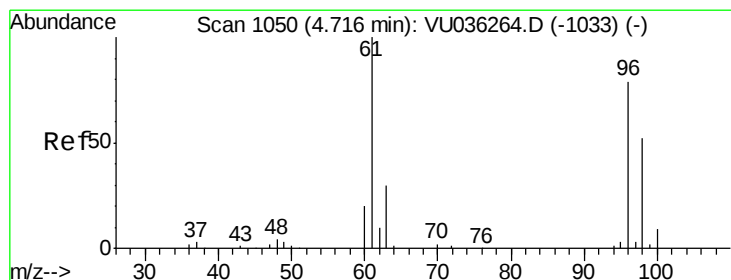
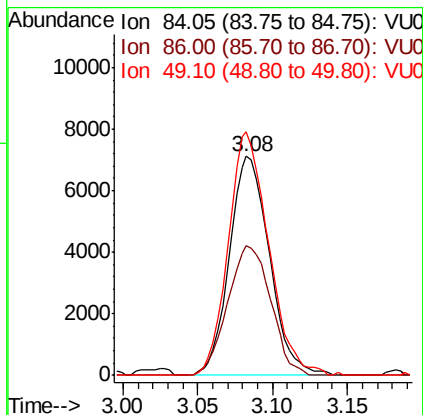
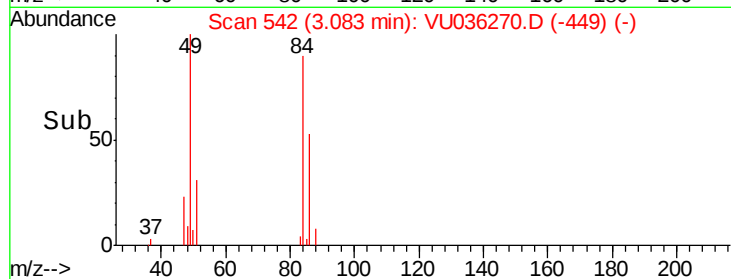
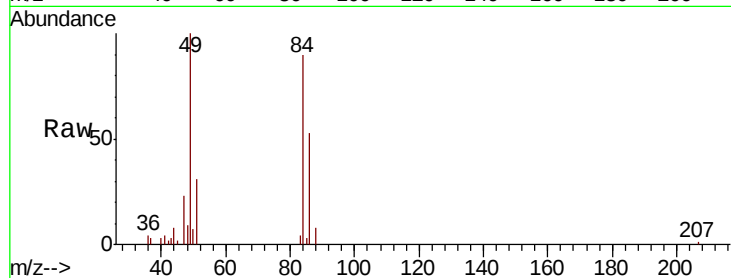
Ion 58.05 (57.75 to 58.75): VU036270.D (-317) (-)





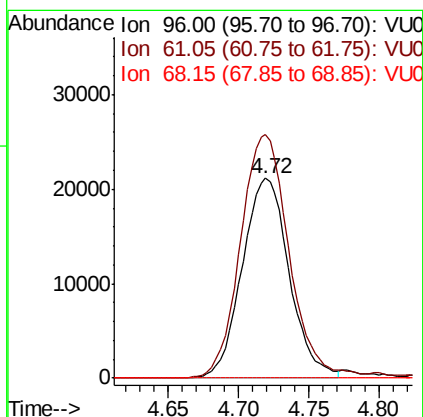
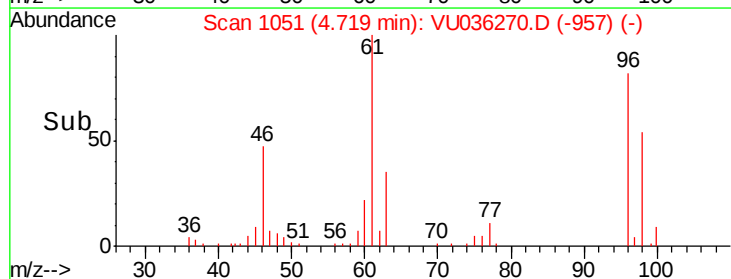
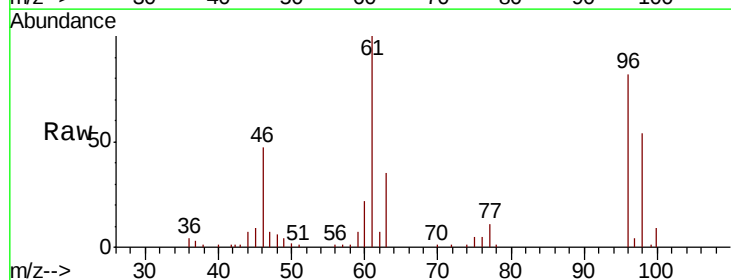
#16
Methylene chloride
Concen: 0.463 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036270.D
Acq: 18 Dec 2019 13:58

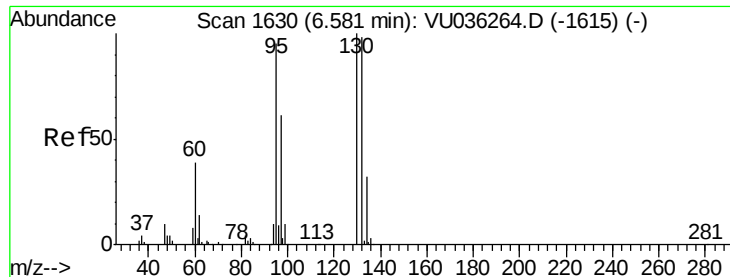
Tot Ion: 84 Resp: 13276
Ion Ratio Lower Upper
84 100
86 59.5 43.0 79.8
49 111.3 77.3 143.5



#22
cis-1,2-Dichloroethene
Concen: 2.257 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036270.D
Acq: 18 Dec 2019 13:58

Tgt Ion: 96 Resp: 49430
Ion Ratio Lower Upper
96 100
61 121.8 86.7 161.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.973 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036270.D

Acq: 18 Dec 2019 13:58

Tot Ion: 95 Resp: 225212

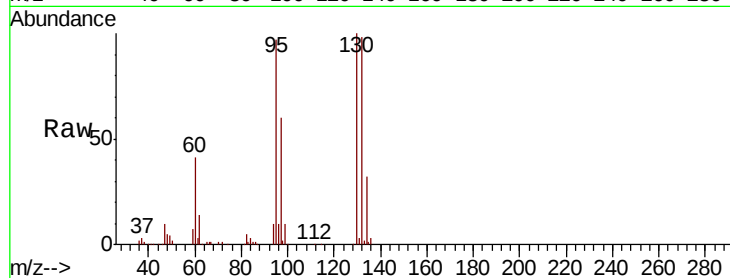
Ion Ratio Lower Upper

95 100

97 61.3 43.6 81.0

132 100.8 69.6 129.2

130 102.7 70.3 130.7

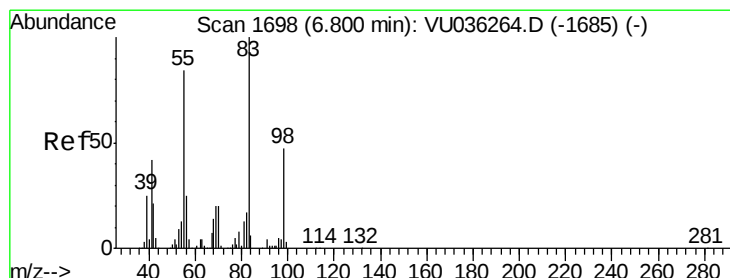
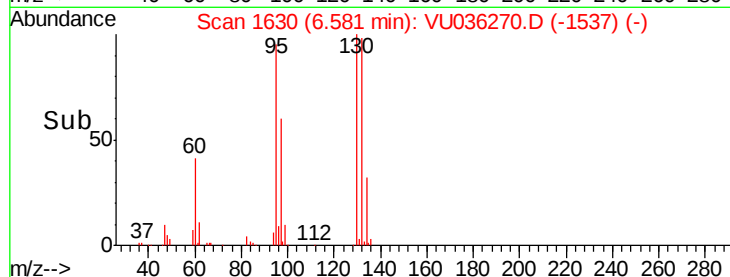
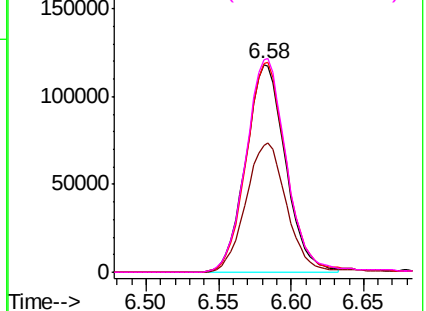


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.746 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036270.D

Acq: 18 Dec 2019 13:58

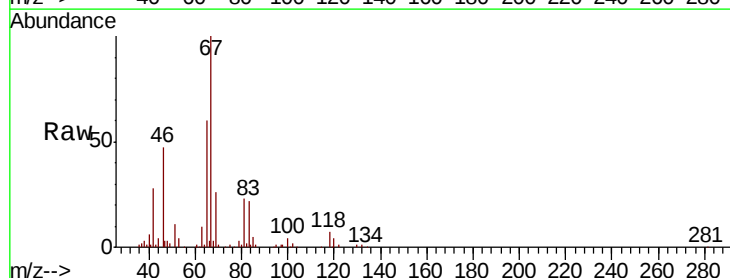
Tgt Ion: 83 Resp: 23948

Ion Ratio Lower Upper

83 100

55 0.5 62.6 94.0#

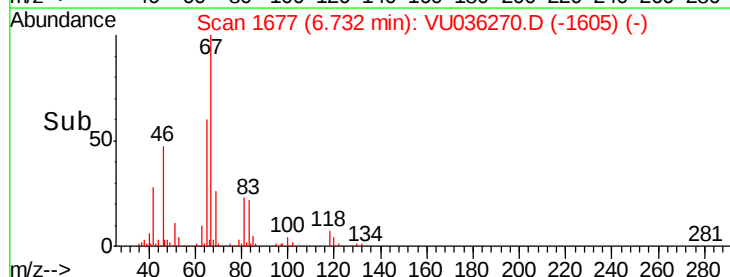
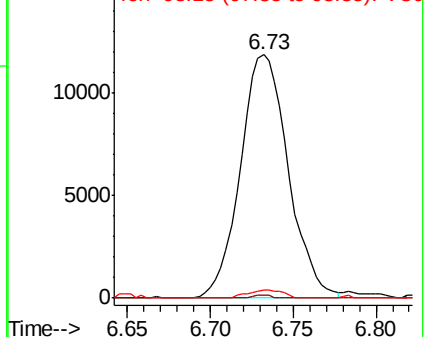
98 2.4 36.2 54.2#

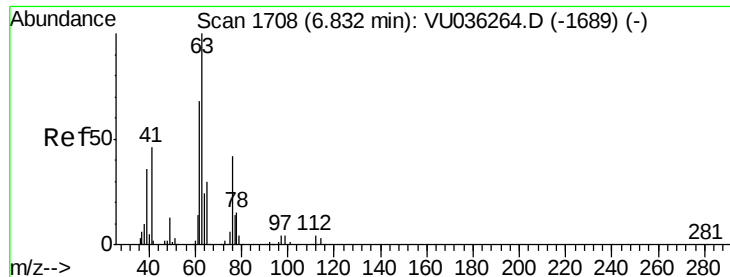


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

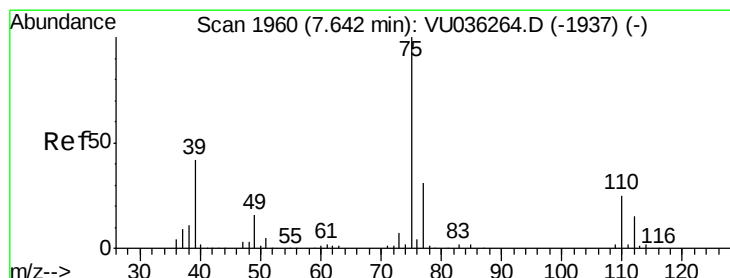
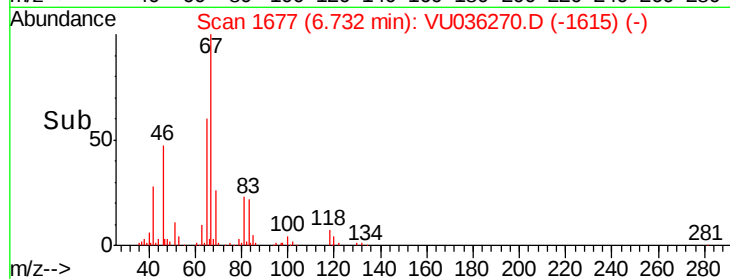
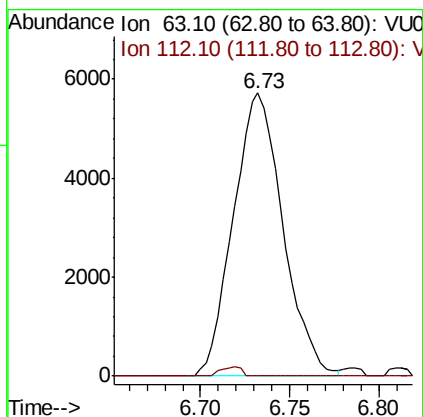
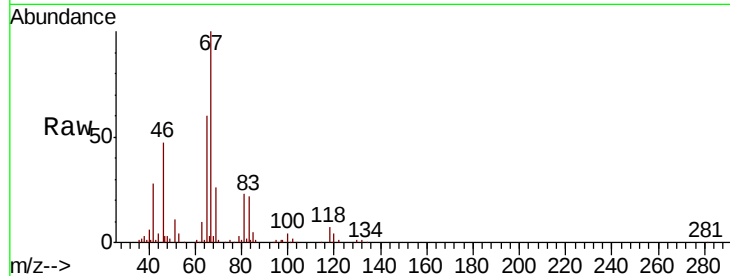
Ion 98.15 (97.85 to 98.85): VU0





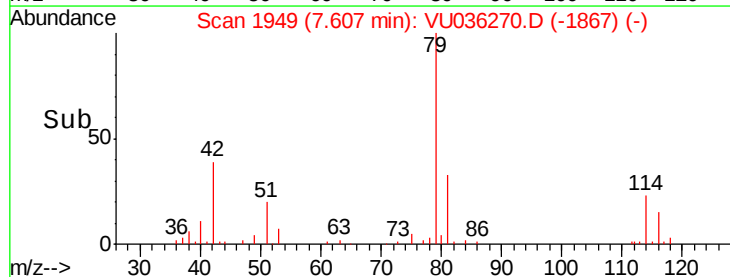
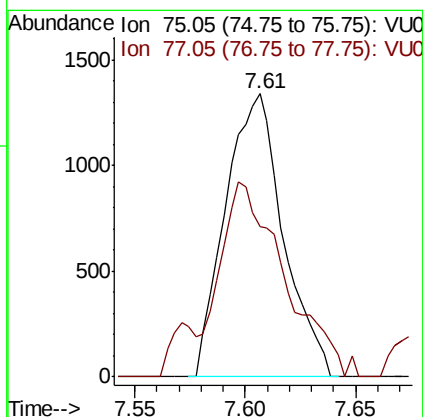
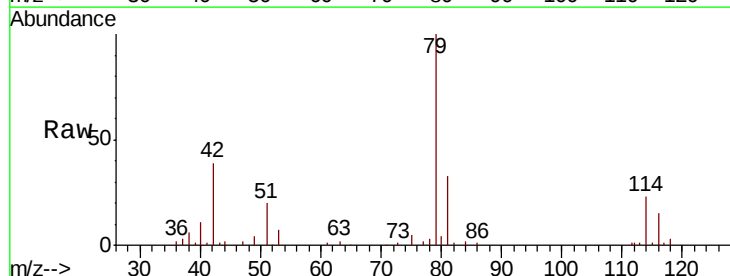
#37
 1,2-Dichloropropane
 Concen: 0.496 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036270.D
 Acq: 18 Dec 2019 13:58

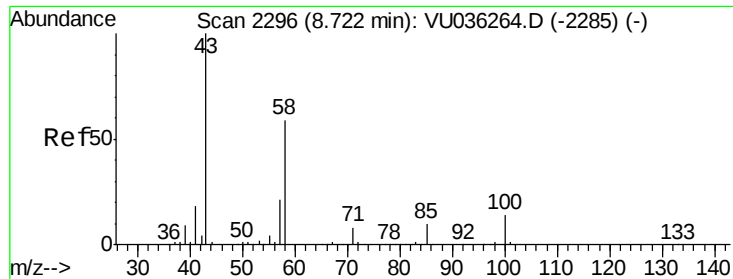
Tot Ion: 63 Resp: 11089
 Ion Ratio Lower Upper
 63 100
 112 1.4 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU036270.D
 Acq: 18 Dec 2019 13:58

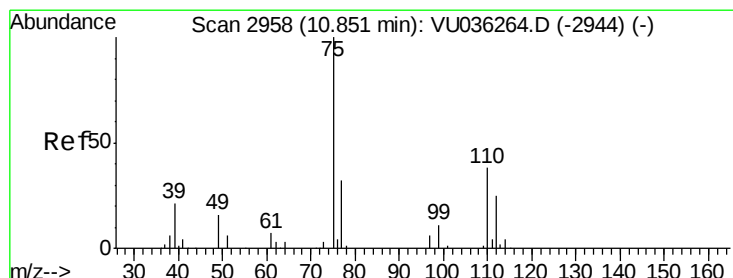
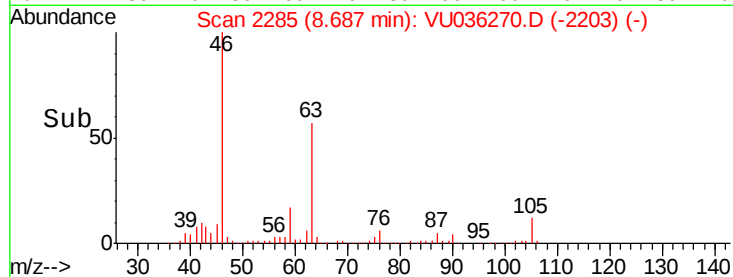
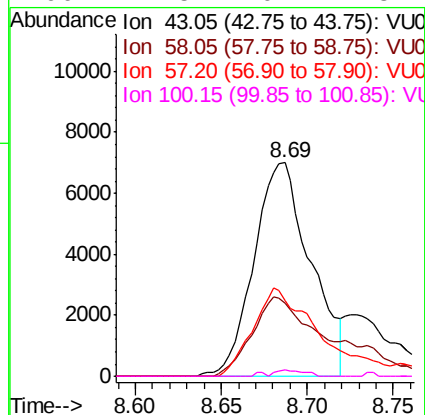
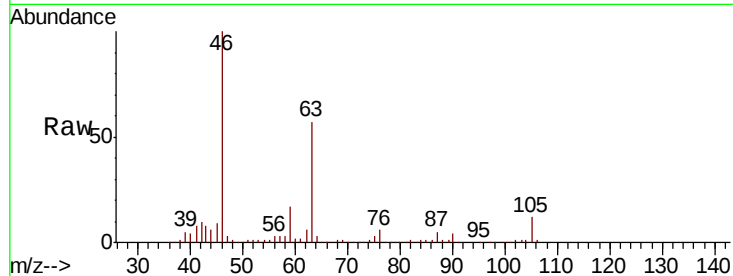
Tgt Ion: 75 Resp: 2439
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.7 42.1#





#48
 2-Hexanone
 Concen: 1.838 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU036270.D
 Acq: 18 Dec 2019 13:58

Tot Ion: 43 Resp: 16032
 Ion Ratio Lower Upper
 43 100
 58 51.6 46.2 69.2
 57 48.2 16.2 24.4#
 100 1.5 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.661 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU036270.D
 Acq: 18 Dec 2019 13:58

Tgt Ion: 75 Resp: 9822
 Ion Ratio Lower Upper
 75 100
 77 36.0 27.2 40.8

