

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036319.D
 Acq On : 20 Dec 2019 15:44
 Operator : JC/MD
 Sample : K6282-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW8DL

Quant Time: Dec 20 22:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	251671	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	275701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106999	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	97124	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	89093	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	103474	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.68	46	181402	43.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	5.11	84	160256	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	85315	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.77	84	295382	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.73	67	95141	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.93	98	232228	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	8.21	79	33671	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.67	63	133963	38.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	85628	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	89653	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

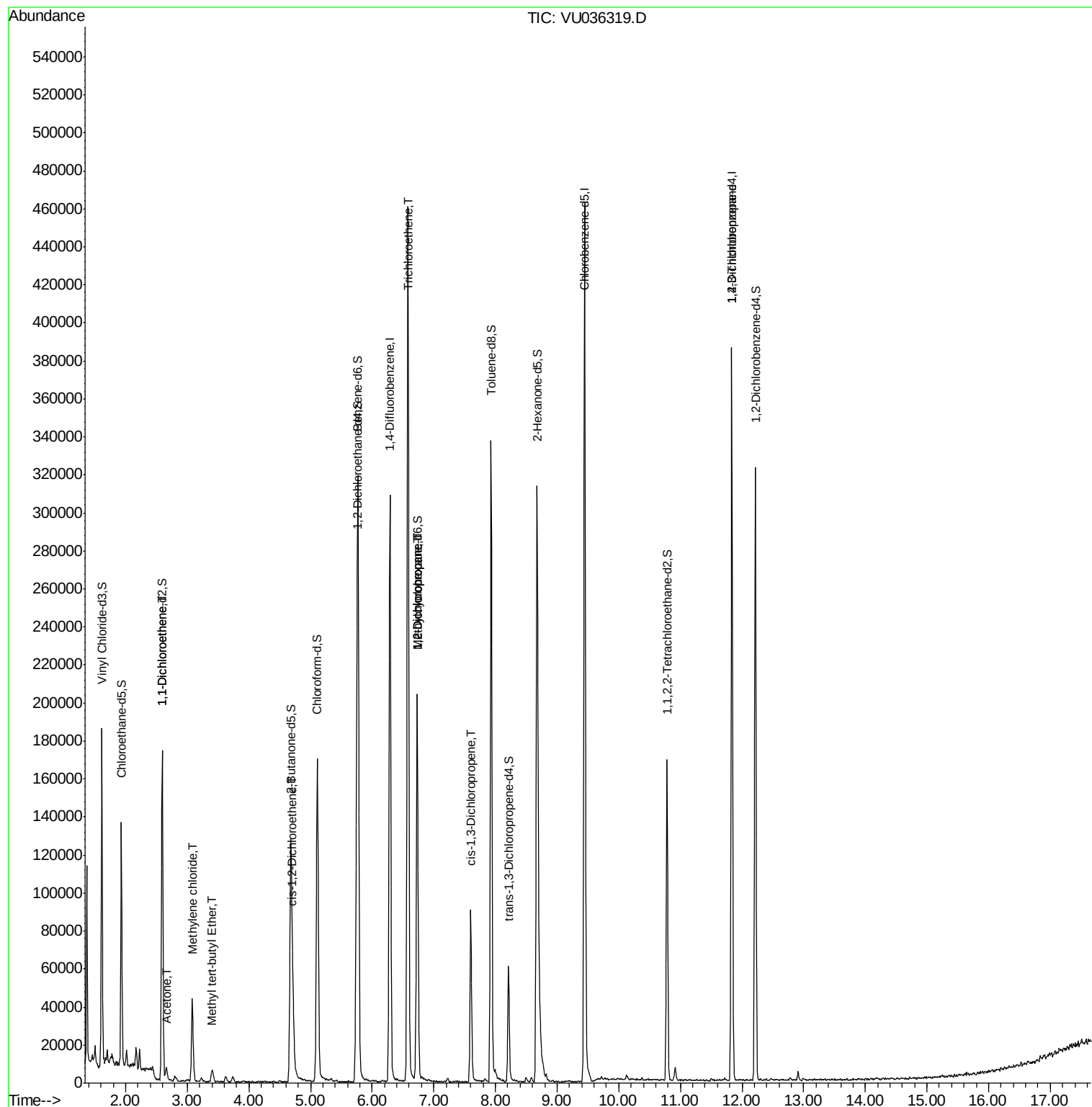
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1983	0.106 ug/L #	1
13) Acetone	2.66	43	7511	2.076 ug/L	100
16) Methylene chloride	3.08	84	20718	0.755 ug/L	91
17) Methyl tert-butyl Ether	3.41	73	4648	0.116 ug/L #	92
22) cis-1,2-Dichloroethene	4.72	96	17006	0.811 ug/L	93
34) Trichloroethene	6.58	95	160778	7.360 ug/L	99
35) Methylcyclohexane	6.73	83	22908	0.738 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10623	0.491 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2674	0.091 ug/L #	74
59) 1,2,3-Trichloropropane	11.84	75	12339	0.859 ug/L	92

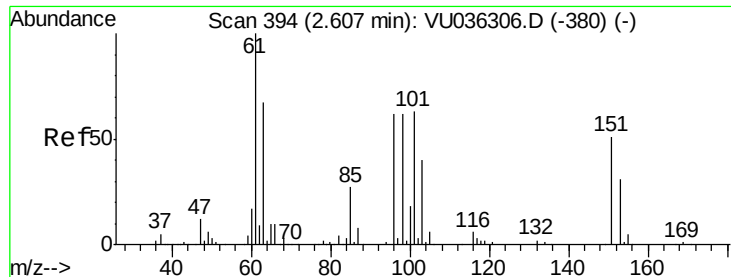
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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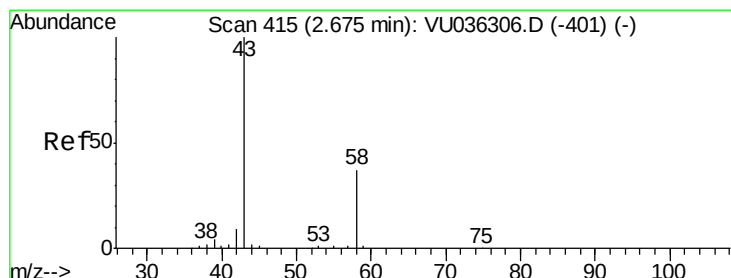
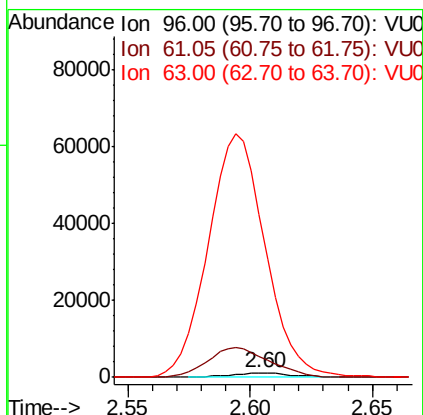
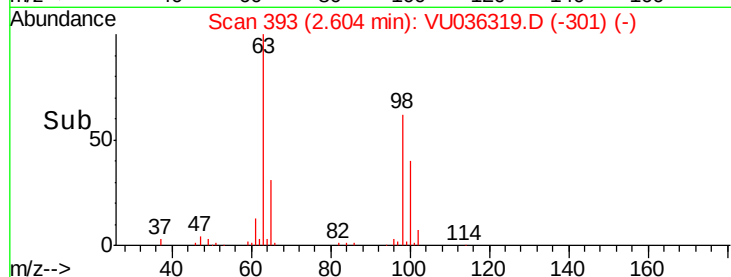
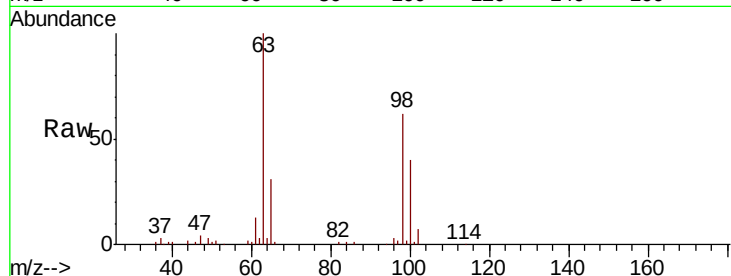




#12
 1,1-Dichloroethene
 Concen: 0.106 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU036319.D
 Acq: 20 Dec 2019 15:44

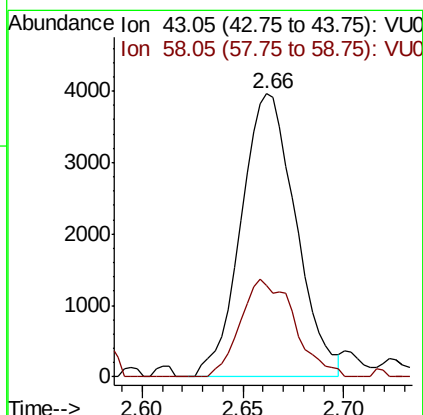
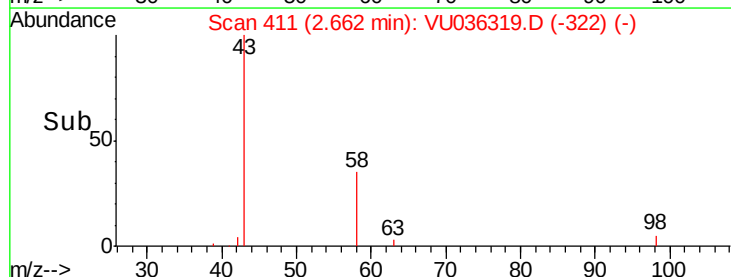
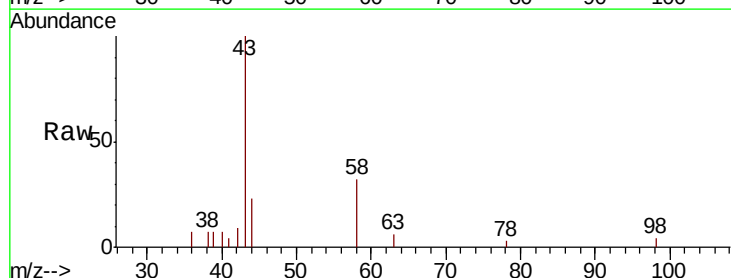
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW8DL

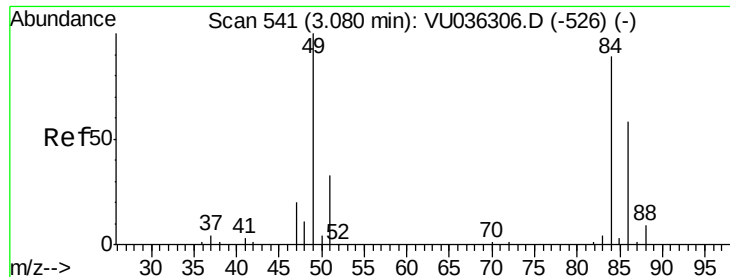
Tot Ion: 96 Resp: 1983
 Ion Ratio Lower Upper
 96 100
 61 477.2 114.0 211.8#
 63 3718.9 63.6 118.0#



#13
 Acetone
 Concen: 2.076 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: VU036319.D
 Acq: 20 Dec 2019 15:44

Tgt Ion: 43 Resp: 7511
 Ion Ratio Lower Upper
 43 100
 58 34.0 0.0 67.6

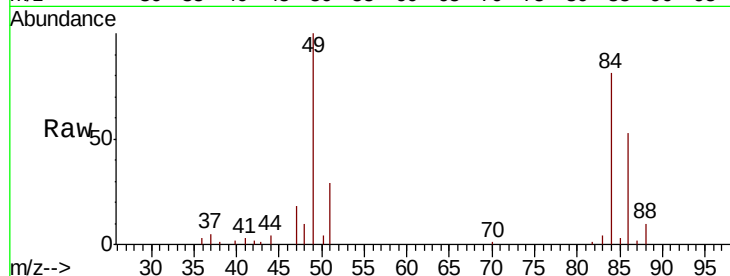




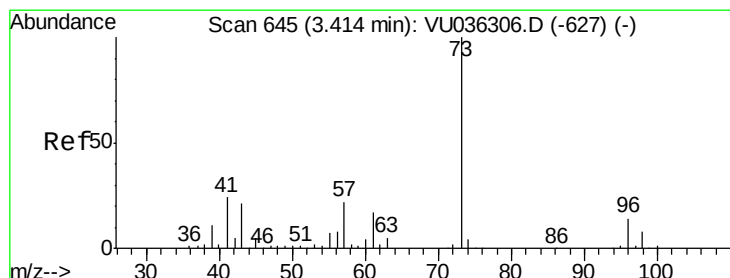
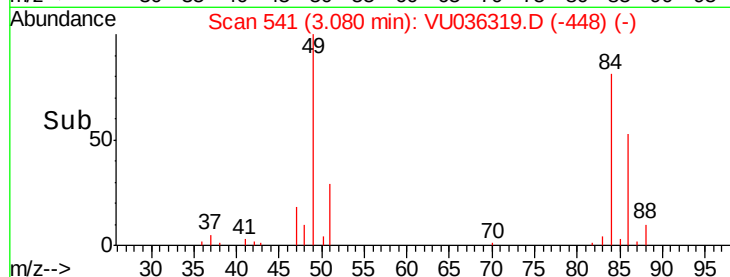
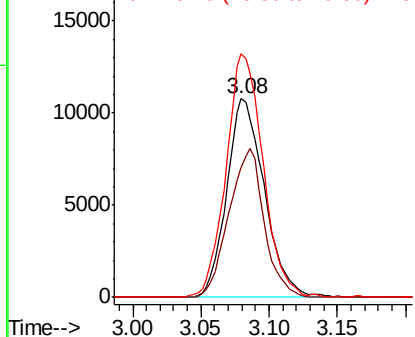
#16
Methylene chloride
Concen: 0.755 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036319.D
Acq: 20 Dec 2019 15:44

Instrument :
MSVOA_U
ClientSampleId :
BFDW8DL

Tot Ion: 84 Resp: 20718
Ion Ratio Lower Upper
84 100
86 65.2 43.0 79.8
49 122.7 77.3 143.5

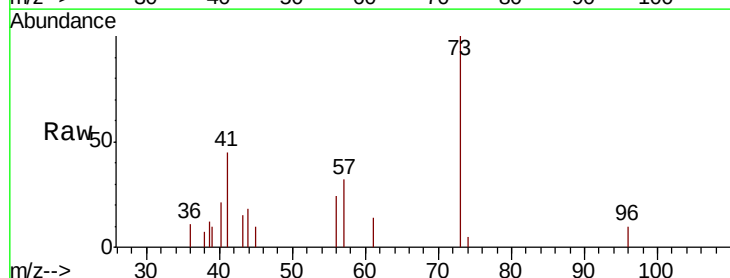


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

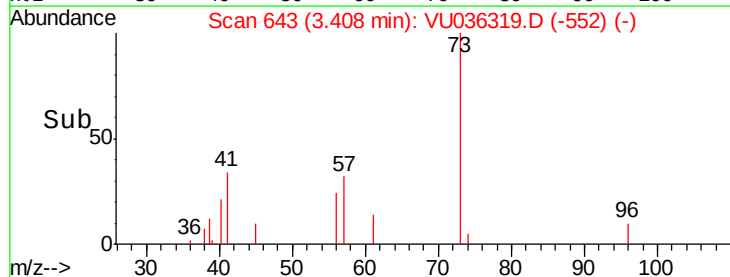
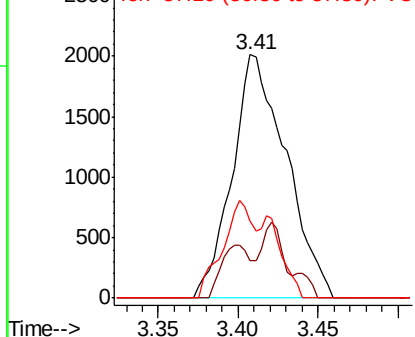


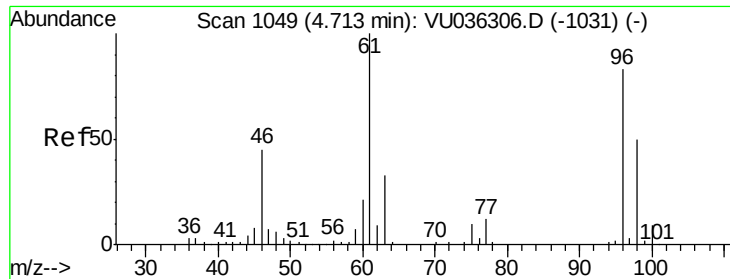
#17
Methyl tert-butyl Ether
Concen: 0.116 ug/L
RT: 3.41 min Scan# 643
Delta R.T. -0.01 min
Lab File: VU036319.D
Acq: 20 Dec 2019 15:44

Tgt Ion: 73 Resp: 4648
Ion Ratio Lower Upper
73 100
43 11.1 15.3 22.9#
57 22.7 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

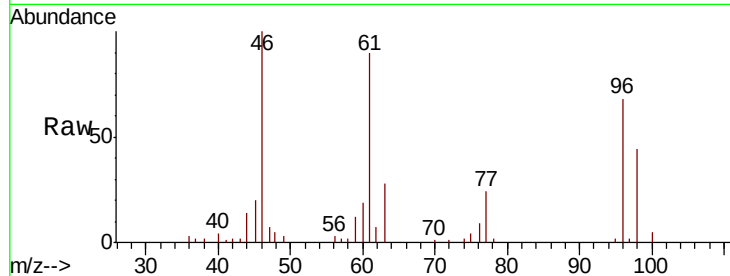




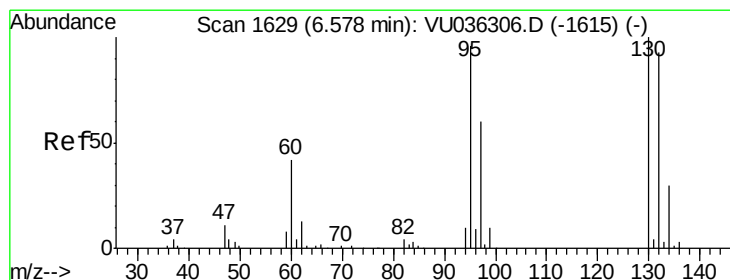
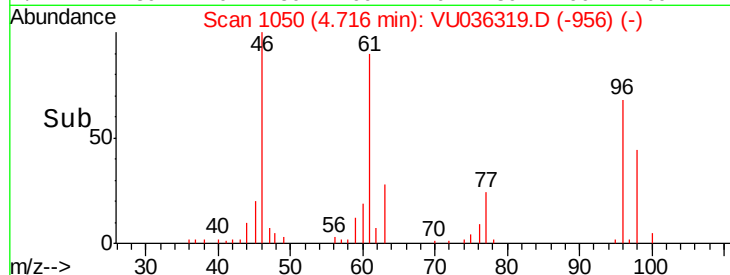
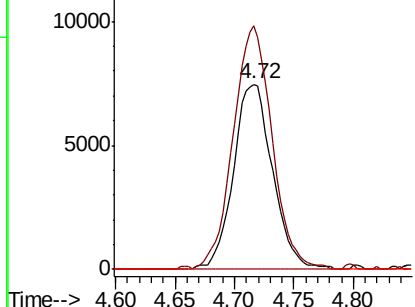
#22
 cis-1,2-Dichloroethene
 Concen: 0.811 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU036319.D
 Acq: 20 Dec 2019 15:44

Instrument :
 MSVOA_U
 ClientSampled :
 BFDW8DL

Tot Ion: 96 Resp: 17006
 Ion Ratio Lower Upper
 96 100
 61 131.7 86.7 161.1
 68 0.0 0.0 0.0

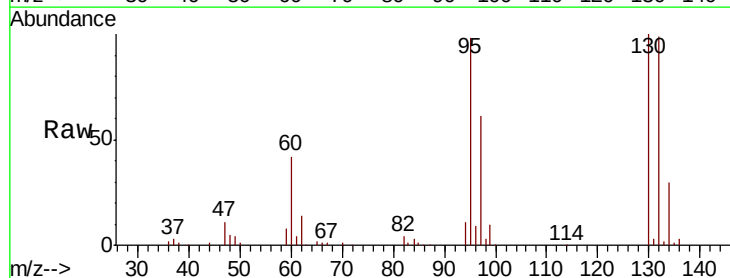


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

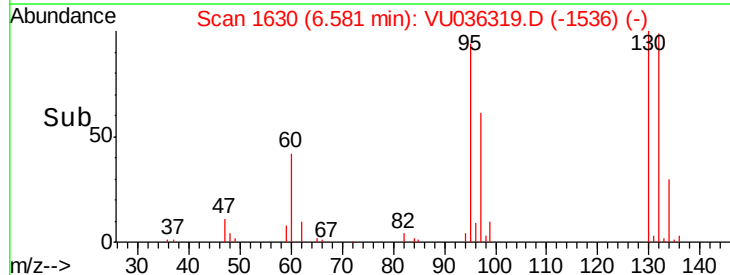
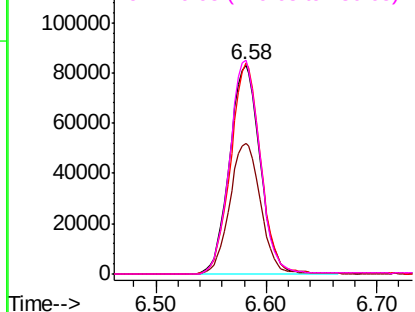


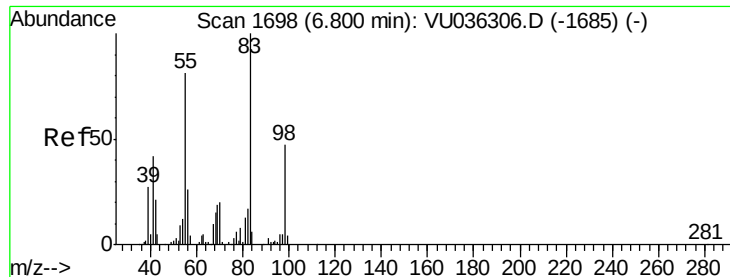
#34
 Trichloroethene
 Concen: 7.360 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036319.D
 Acq: 20 Dec 2019 15:44

Tgt Ion: 95 Resp: 160778
 Ion Ratio Lower Upper
 95 100
 97 62.6 43.6 81.0
 132 101.1 69.6 129.2
 130 102.1 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

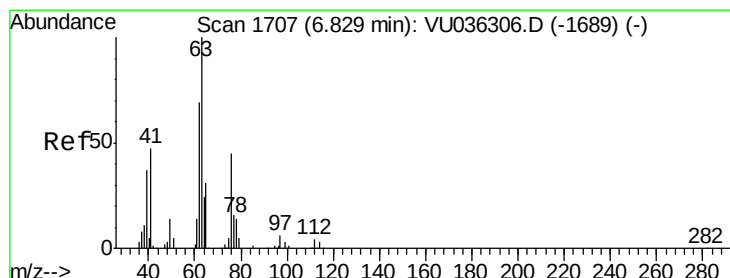
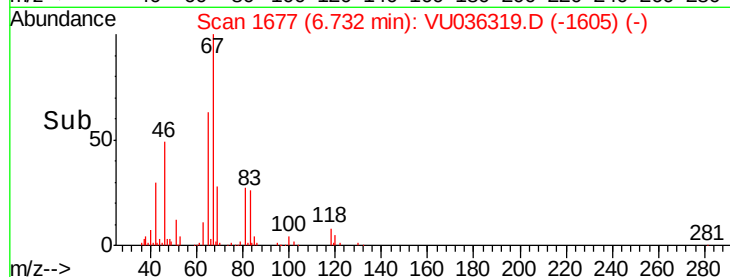
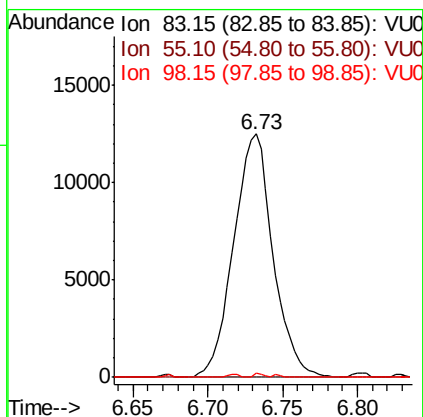
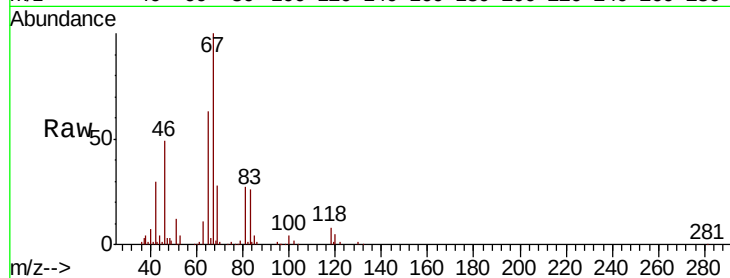




#35
Methylvlcyclohexane
Concen: 0.738 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036319.D
Acq: 20 Dec 2019 15:44

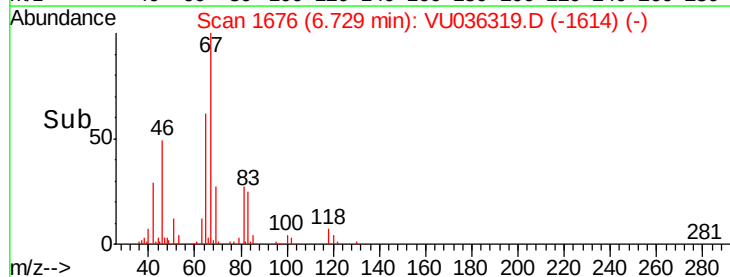
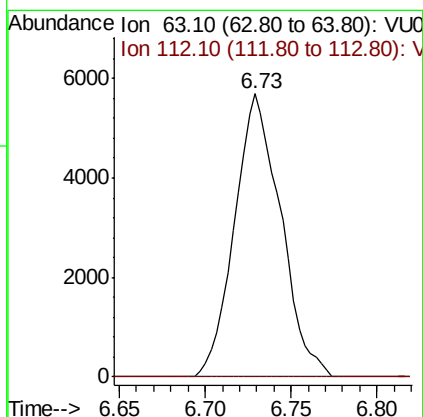
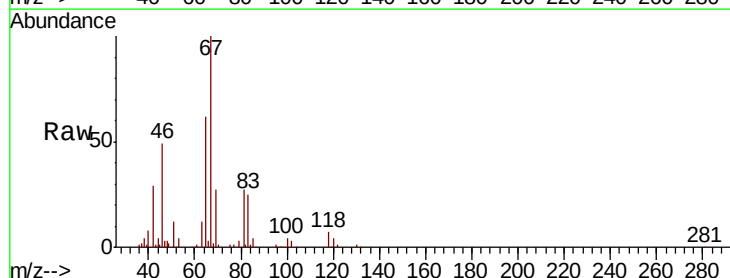
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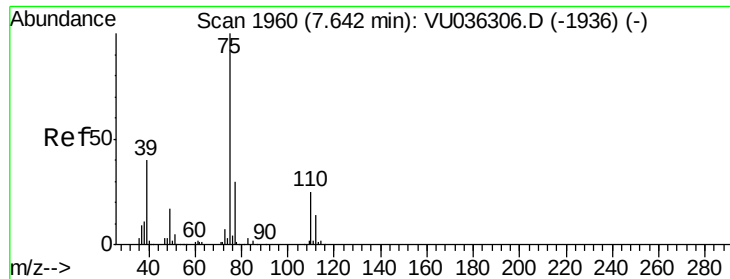
Tot Ion: 83 Resp: 22908
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036319.D
Acq: 20 Dec 2019 15:44

Tgt Ion: 63 Resp: 10623
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.8#



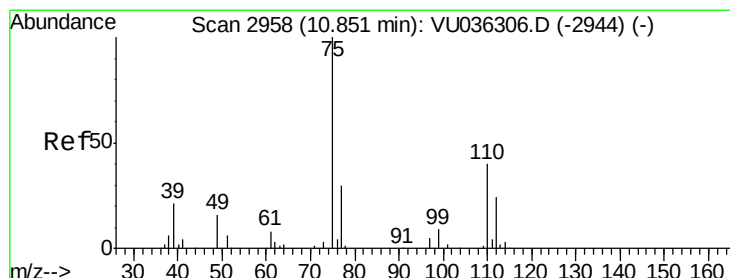
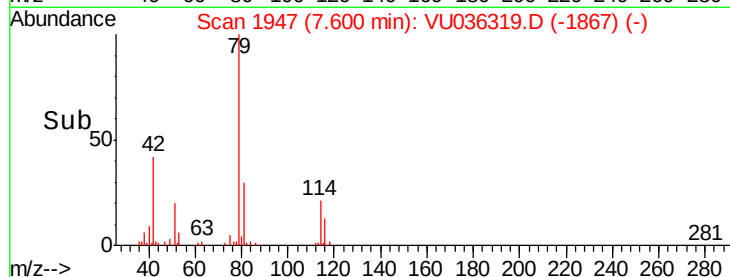
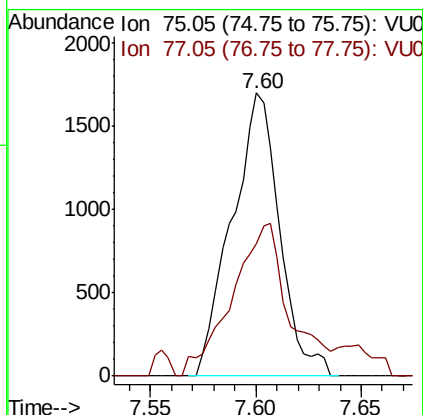
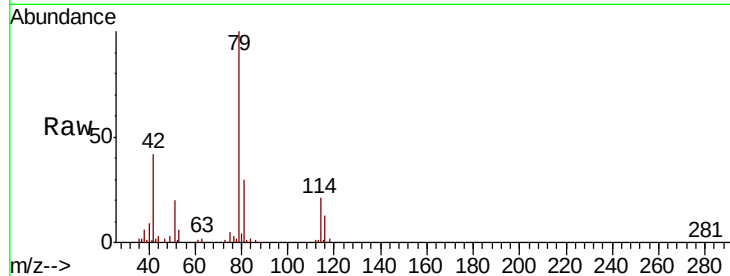


#39

cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036319.D
Acq: 20 Dec 2019 15:44

Instrument :
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ClientSampleId :
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Tot Ion: 75 Resp: 2674
Ion Ratio Lower Upper
75 100
77 46.8 22.7 42.1#



#59

1,2,3-Trichloropropane
Concen: 0.859 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036319.D
Acq: 20 Dec 2019 15:44

Tgt Ion: 75 Resp: 12339
Ion Ratio Lower Upper
75 100
77 38.3 27.2 40.8

