

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122619\
 Data File : VU036346.D
 Acq On : 26 Dec 2019 14:37
 Operator : JC/MD
 Sample : K6404-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 15:43:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 26 15:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	300658	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	330119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	94290	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.93	69	92698	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.59	63	101739	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.68	46	223128	44.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	5.11	84	170643	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.75	65	91614	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	5.77	84	308443	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.73	67	107215	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.93	98	247225	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.40%#
43) trans-1,3-Dichloropropene-	8.21	79	39171	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.67	63	172445	41.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	100506	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	101294	4.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.20%

Target Compounds

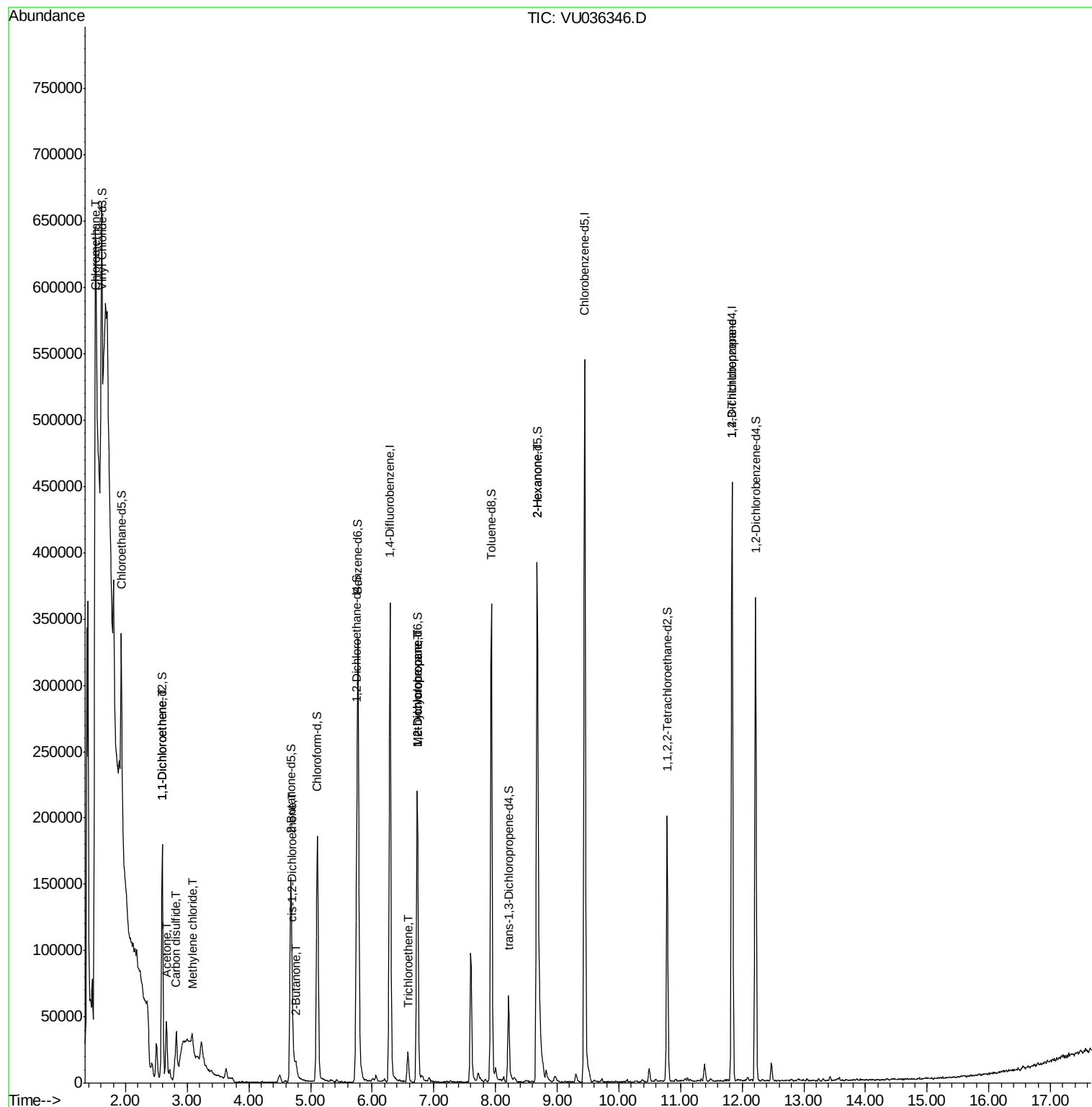
					Ovalue
3) Chloromethane	1.51	50	14045	0.334 ug/L #	42
12) 1,1-Dichloroethene	2.60	96	1761	0.079 ug/L #	1
13) Acetone	2.66	43	53604	12.400 ug/L	94
14) Carbon disulfide	2.83	76	51309	0.686 ug/L	99
16) Methylene chloride	3.08	84	5143	0.157 ug/L	86
21) 2-Butanone	4.76	43	13646	2.362 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	4557	0.182 ug/L	82
34) Trichloroethene	6.58	95	7116	0.272 ug/L	91
35) Methylcyclohexane	6.73	83	25151	0.676 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11357	0.439 ug/L #	87
48) 2-Hexanone	8.67	43	20922	2.071 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	14709	0.855 ug/L	96

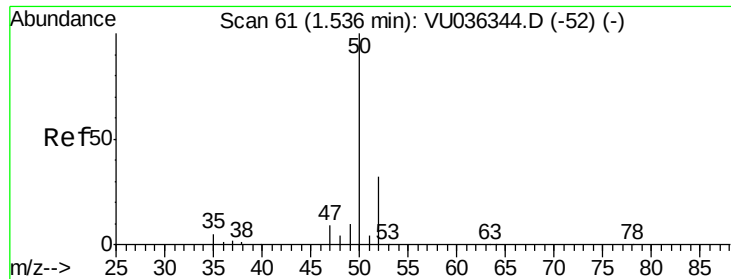
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.334 ug/L

RT: 1.51 min Scan# 54

Delta R.T. -0.02 min

Lab File: VU036346.D

Acq: 26 Dec 2019 14:37

Instrument :

MSVOA_U

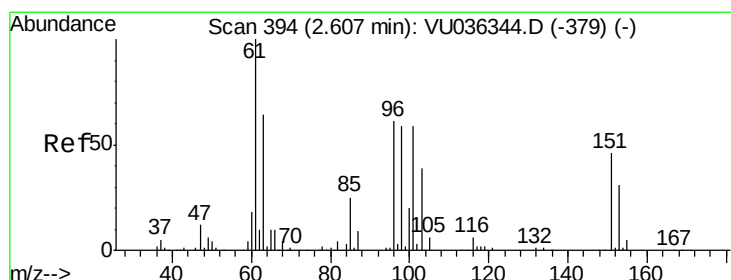
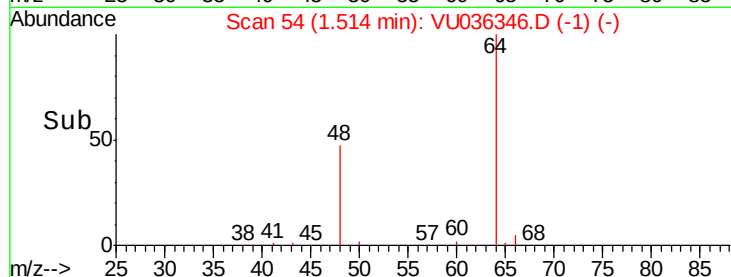
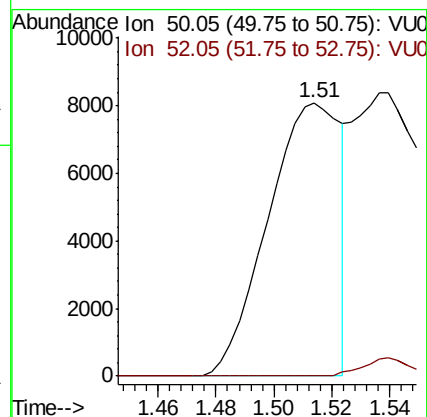
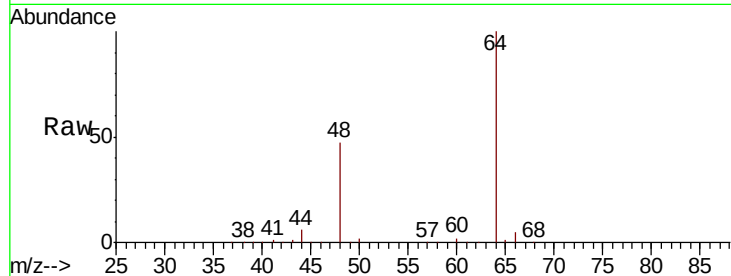
ClientSampled :

Tot Ion: 50 Resp: 14045

Ion Ratio Lower Upper

50 100

52 0.0 23.1 42.9#



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036346.D

Acq: 26 Dec 2019 14:37

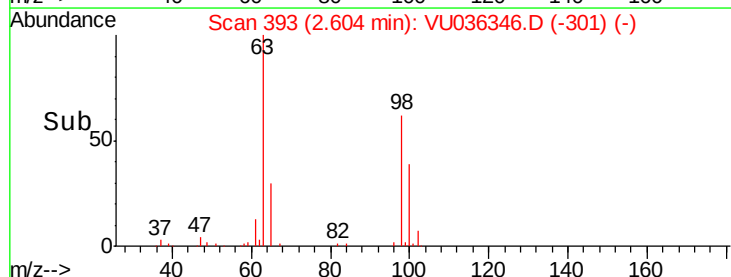
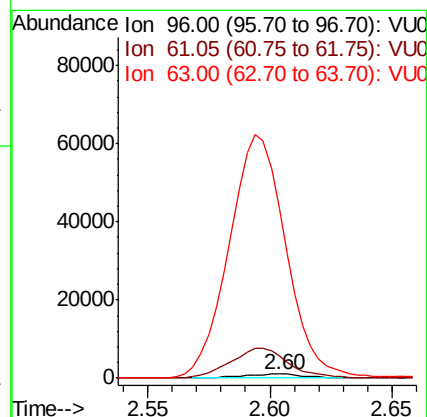
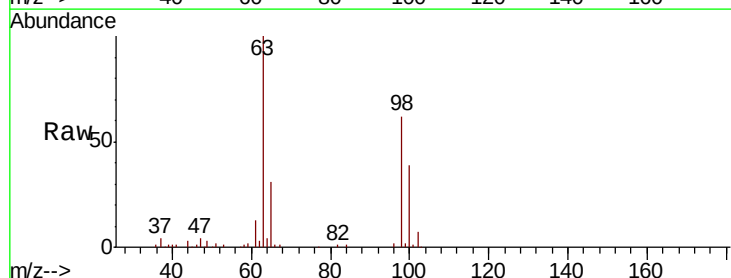
Tgt Ion: 96 Resp: 1761

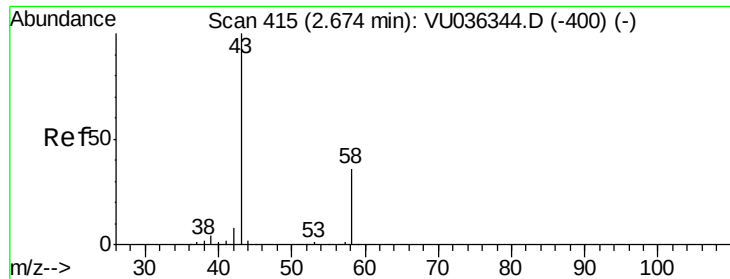
Ion Ratio Lower Upper

96 100

61 558.9 114.0 211.8#

63 4210.5 63.6 118.0#





#13

Acetone

Concen: 12.400 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036346.D

Acq: 26 Dec 2019 14:37

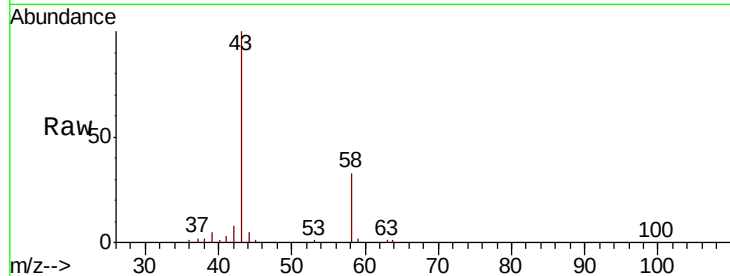
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 53604

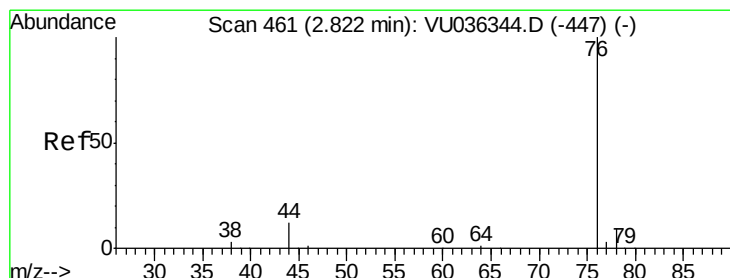
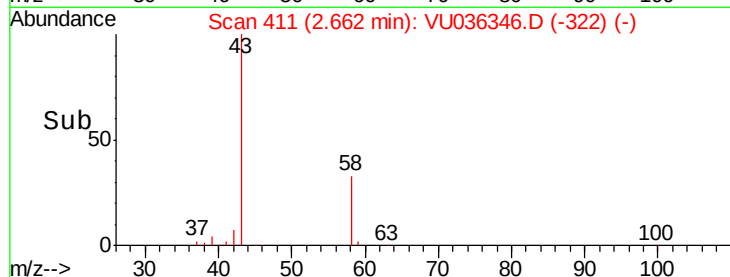
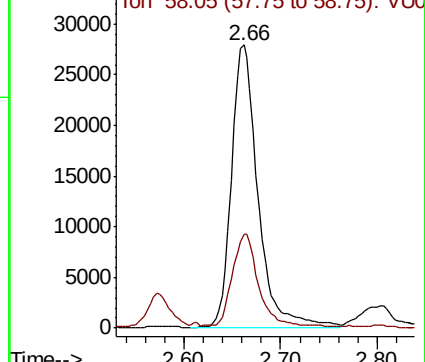
Ion Ratio Lower Upper

43 100

58 30.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036344.D (-400) (-)



#14

Carbon disulfide

Concen: 0.686 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036346.D

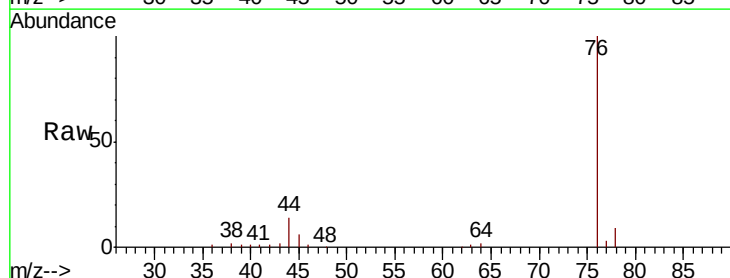
Acq: 26 Dec 2019 14:37

Tgt Ion: 76 Resp: 51309

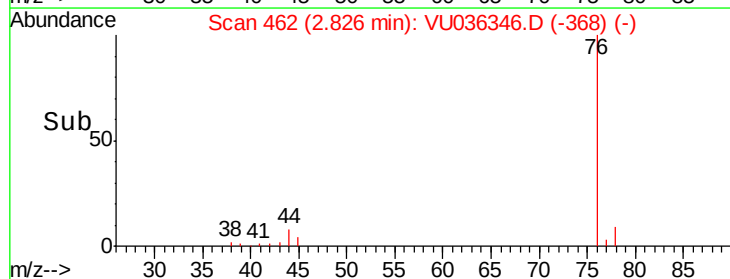
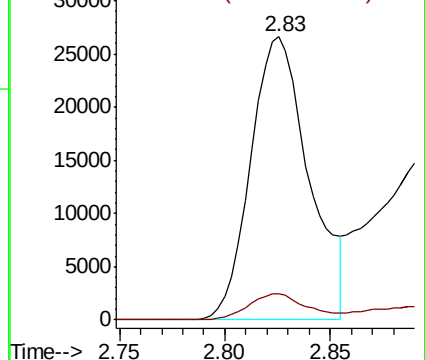
Ion Ratio Lower Upper

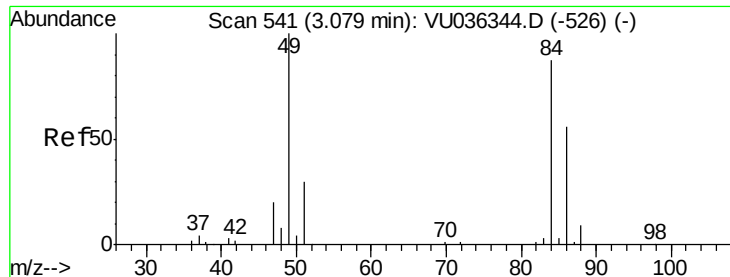
76 100

78 9.4 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU036344.D (-447) (-)

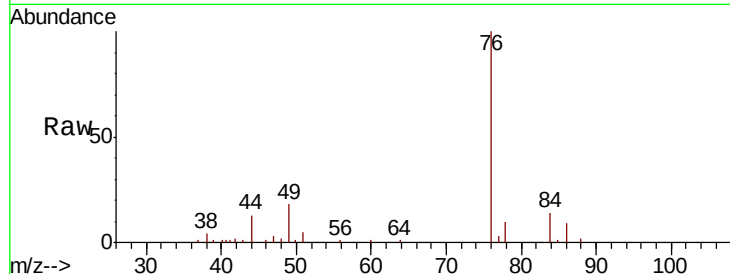




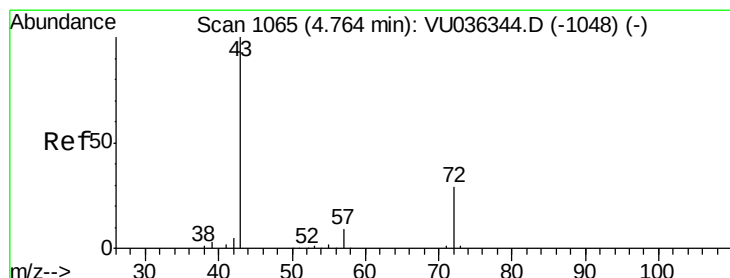
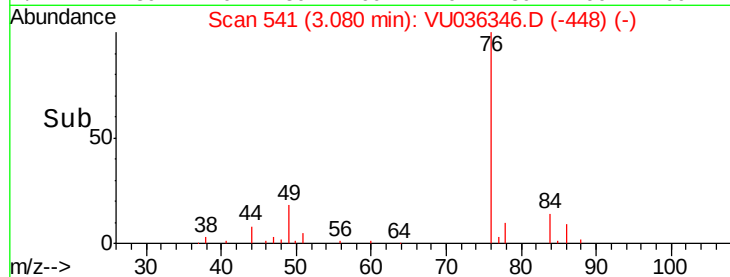
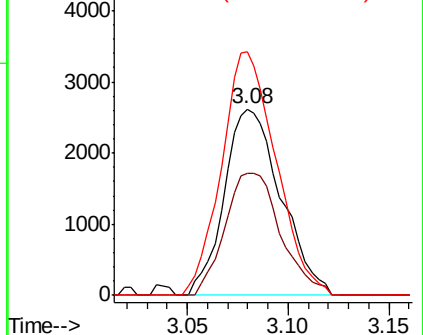
#16
Methvlene chloride
Concen: 0.157 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036346.D
Acq: 26 Dec 2019 14:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 5143
Ion Ratio Lower Upper
84 100
86 65.5 43.0 79.8
49 130.4 77.3 143.5

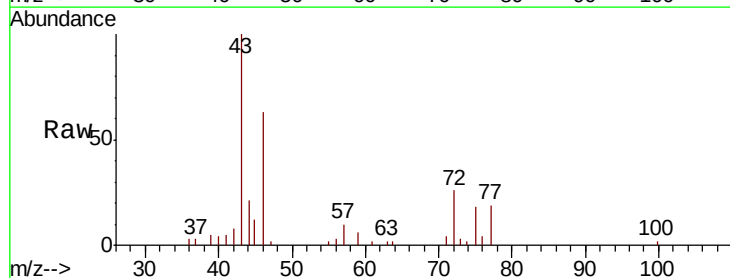


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

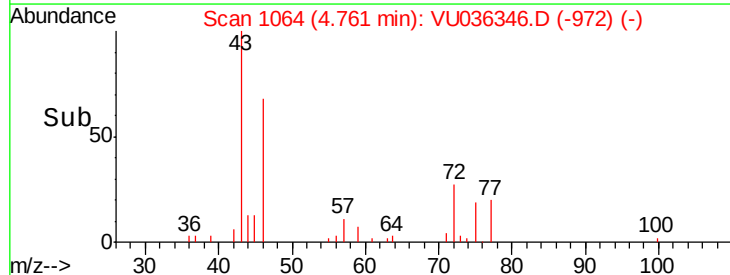
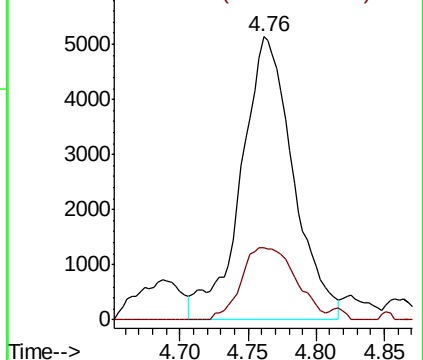


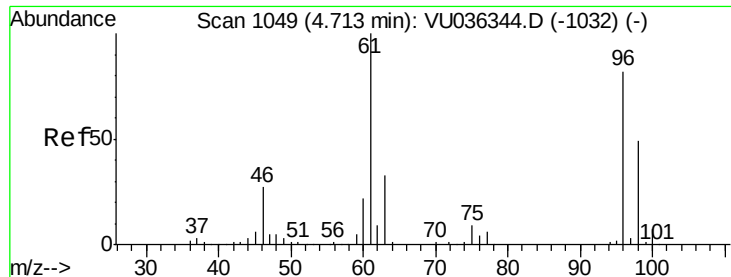
#21
2-Butanone
Concen: 2.362 ug/L
RT: 4.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VU036346.D
Acq: 26 Dec 2019 14:37

Tgt Ion: 43 Resp: 13646
Ion Ratio Lower Upper
43 100
72 26.4 14.4 43.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.182 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036346.D

Acq: 26 Dec 2019 14:37

Instrument :

MSVOA_U

ClientSampleId :

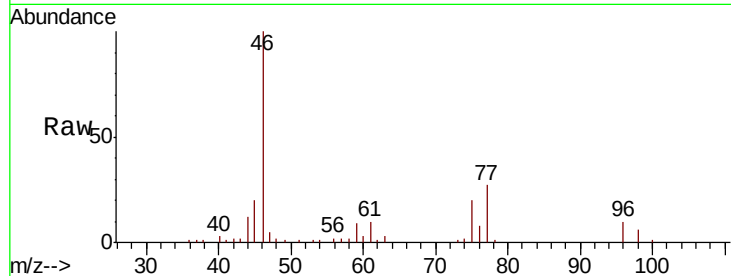
Tot Ion: 96 Resp: 4557

Ion Ratio Lower Upper

96 100

61 103.9 86.7 161.1

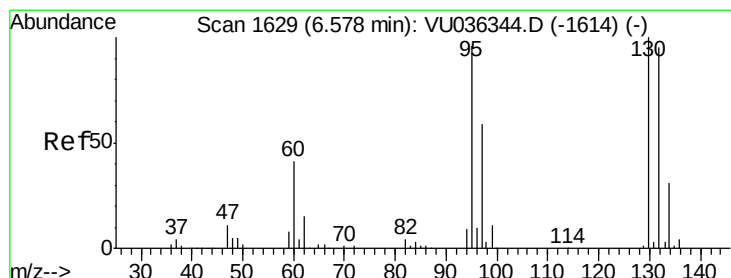
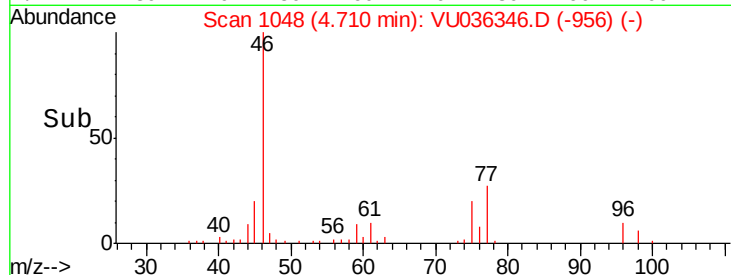
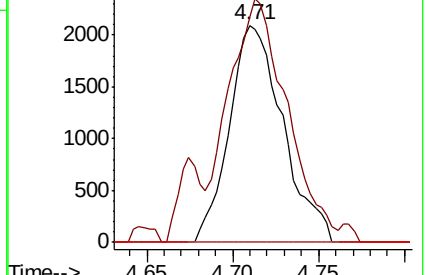
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036346.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036346.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036346.D (-1032) (-)



#34

Trichloroethene

Concen: 0.272 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036346.D

Acq: 26 Dec 2019 14:37

Tgt Ion: 95 Resp: 7116

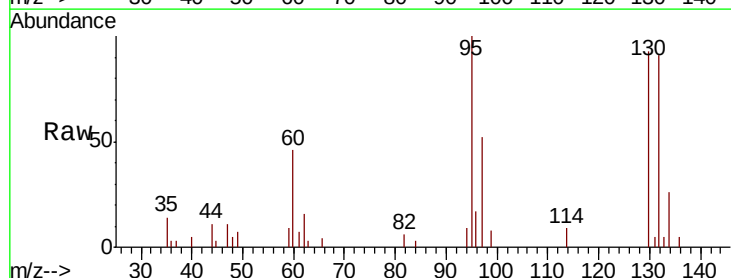
Ion Ratio Lower Upper

95 100

97 51.6 43.6 81.0

132 91.3 69.6 129.2

130 93.1 70.3 130.7

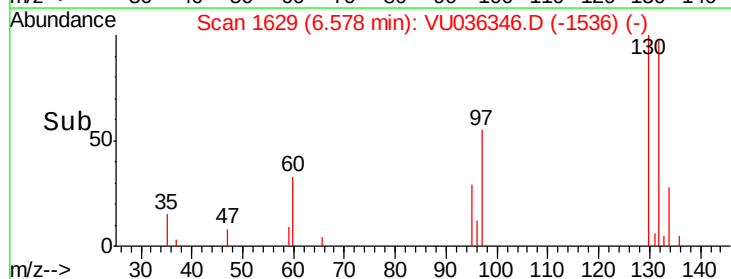
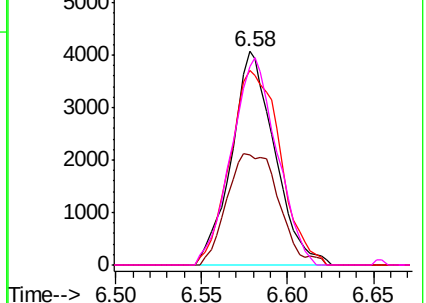


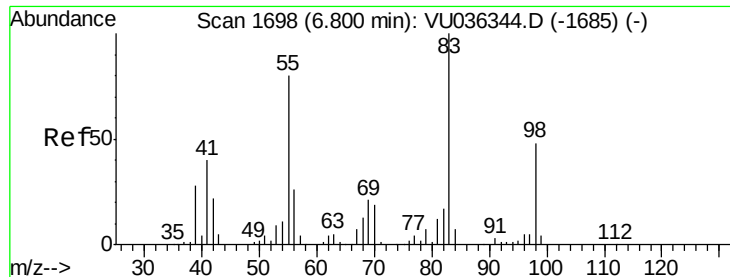
Abundance Ion 95.00 (94.70 to 95.70): VU036346.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU036346.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU036346.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU036346.D (-1614) (-)

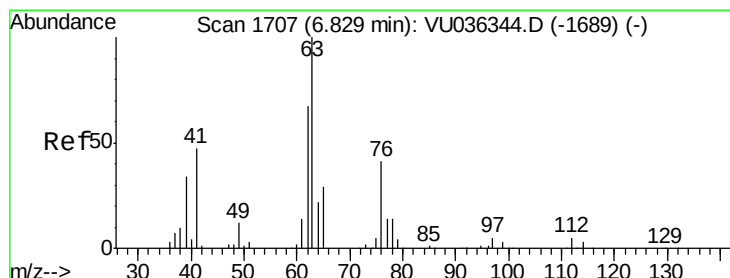
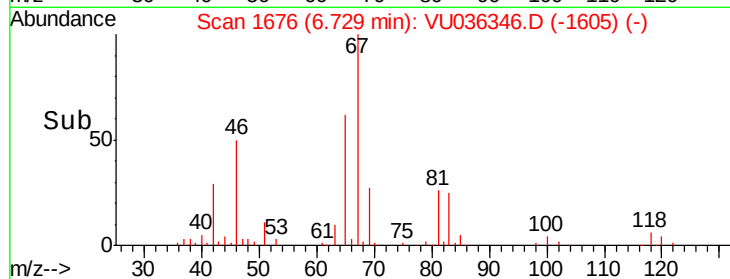
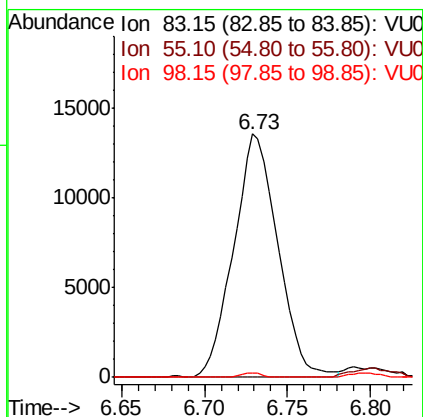
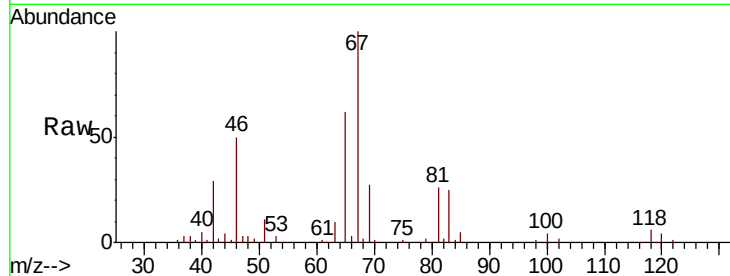




#35
Methylvlcyclohexane
Concen: 0.676 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036346.D
Acq: 26 Dec 2019 14:37

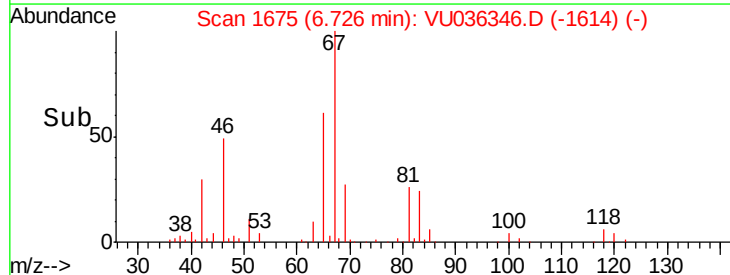
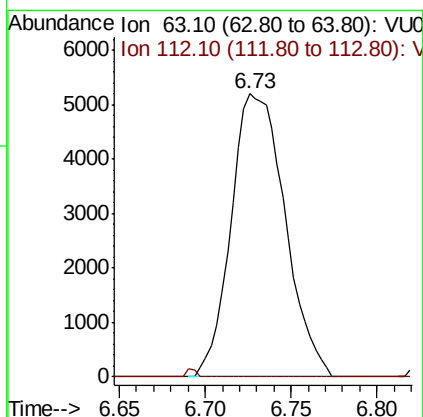
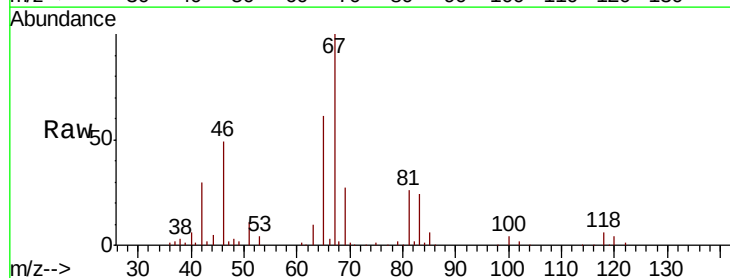
Instrument :
MSVOA_U
ClientSampleId :

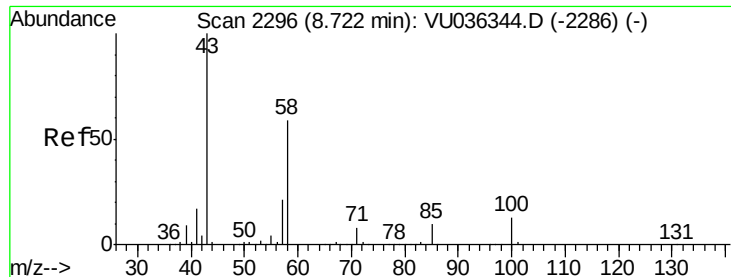
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.9	36.2	54.2#



#37
1,2-Dichloropropane
Concen: 0.439 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036346.D
Acq: 26 Dec 2019 14:37

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

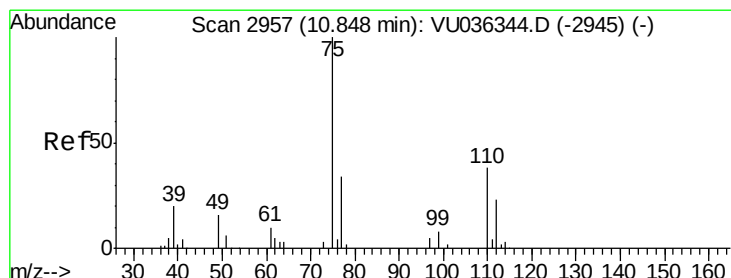
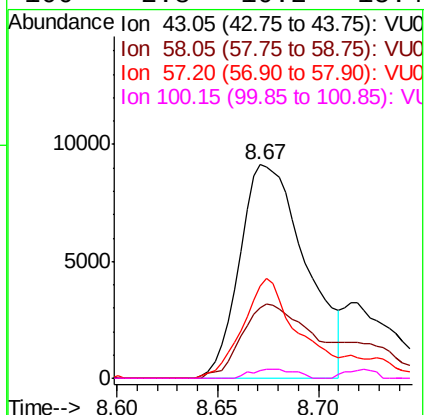
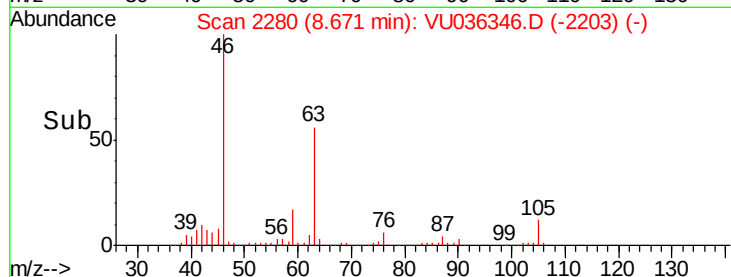
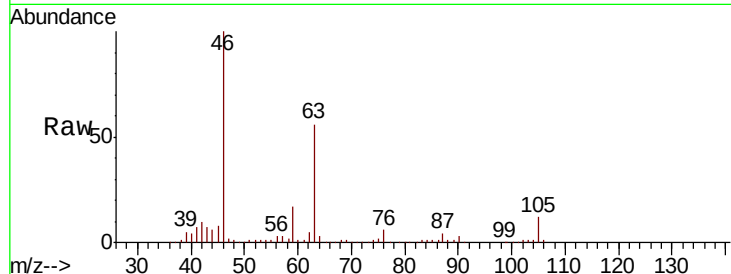




#48
 2-Hexanone
 Concen: 2.071 ug/L
 RT: 8.67 min Scan# 2280
 Delta R.T. -0.05 min
 Lab File: VU036346.D
 Acq: 26 Dec 2019 14:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 20922
 Ion Ratio Lower Upper
 43 100
 58 36.6 46.2 69.2#
 57 38.8 16.2 24.4#
 100 2.8 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.855 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036346.D
 Acq: 26 Dec 2019 14:37

Tgt Ion: 75 Resp: 14709
 Ion Ratio Lower Upper
 75 100
 77 36.5 27.2 40.8

