

Data File : VU034928.D
Acq On : 04 Oct 2019 11:57
Operator : JC/SP
Sample : K5196-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0K05

Quant Time: Oct 05 00:32:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	209396	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	205470	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	90787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73774	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.67	69	63053	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.26	63	101213	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.18	46	213420	50.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.14%
24) Chloroform-d	4.62	84	127710	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.29	65	74721	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.31	84	263215	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.31	67	87573	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.54	98	244175	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.83	79	31784	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.30	63	169683	55.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	72466	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	85927	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

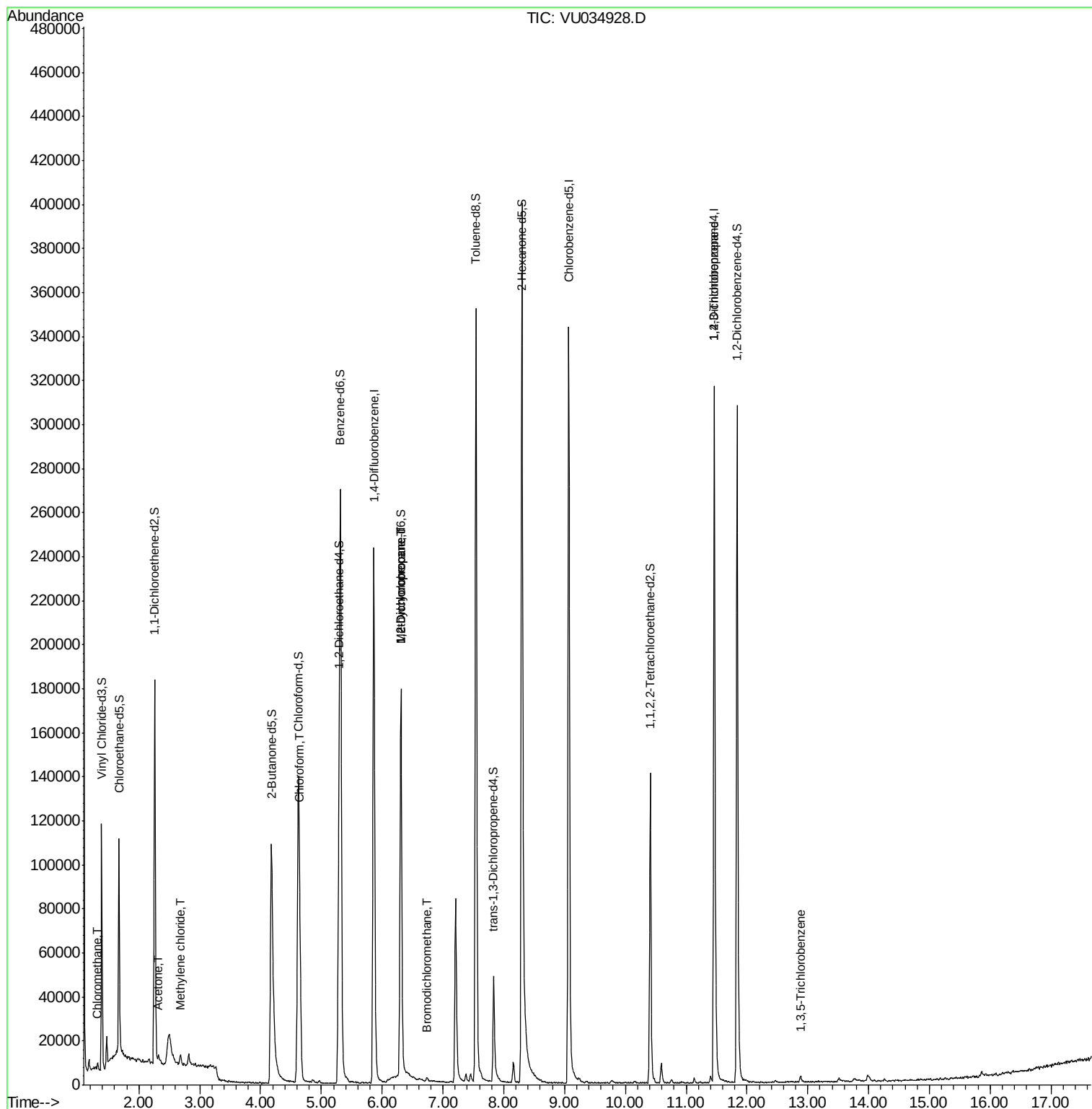
					Qvalue
3) Chloromethane	1.32	50	2510	0.248 ug/L	93
13) Acetone	2.33	43	3462	1.121 ug/L	75
16) Methylene chloride	2.69	84	1644	0.148 ug/L	86
25) Chloroform	4.65	83	44209	1.643 ug/L	97
35) Methylcyclohexane	6.31	83	18721	1.373 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	9511	0.675 ug/L #	90
38) Bromodichloromethane	6.73	83	1468	0.083 ug/L #	80
59) 1,2,3-Trichloropropane	11.46	75	12230	1.213 ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	1714	0.100 ug/L #	88

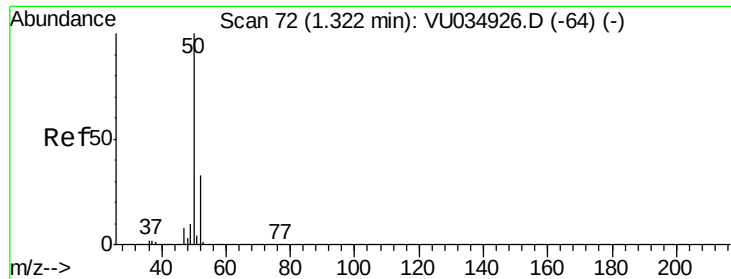
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.248 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034928.D

Acq: 04 Oct 2019 11:57

Instrument :

MSVOA_U

ClientSampleId :

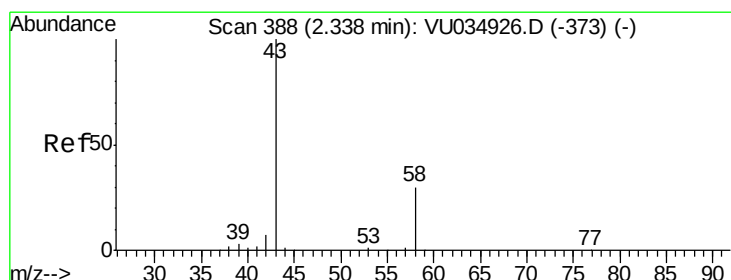
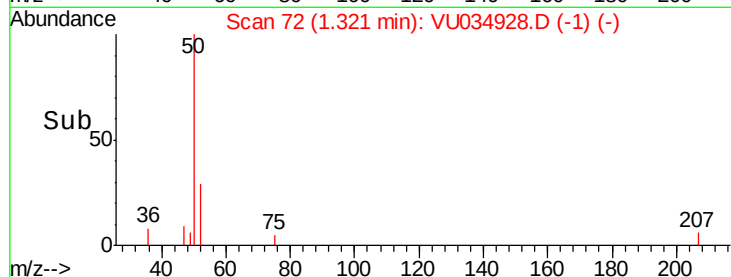
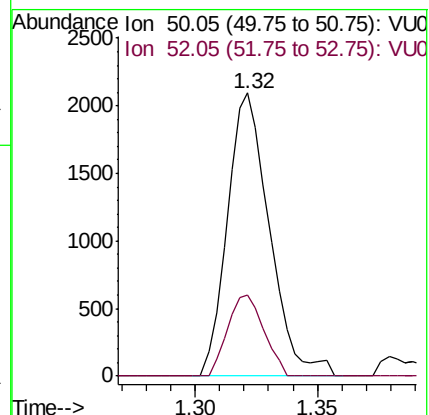
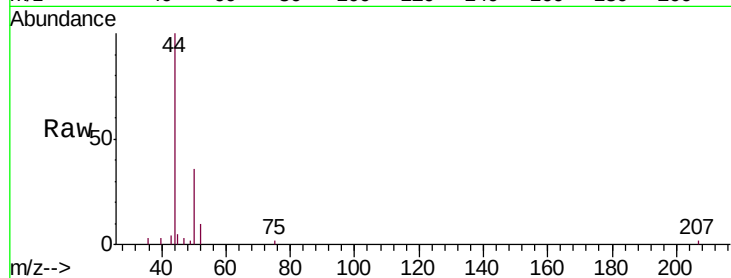
C0K05

Tgt Ion: 50 Resp: 2510

Ion Ratio Lower Upper

50 100

52 28.5 22.7 42.1



#13

Acetone

Concen: 1.121 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU034928.D

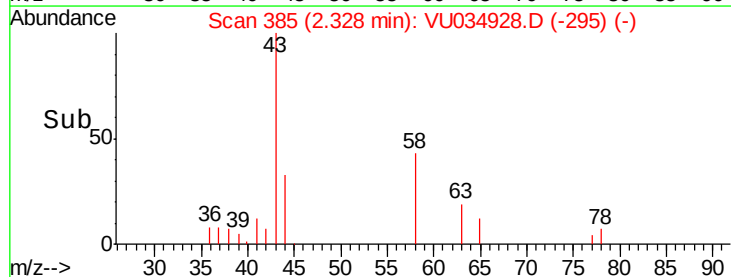
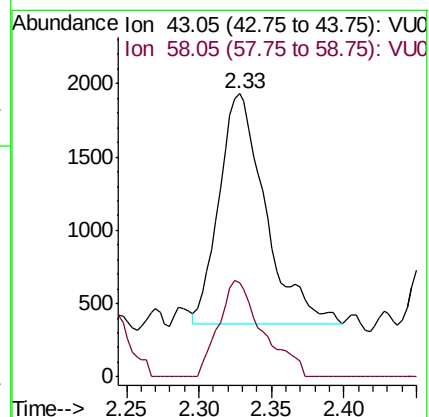
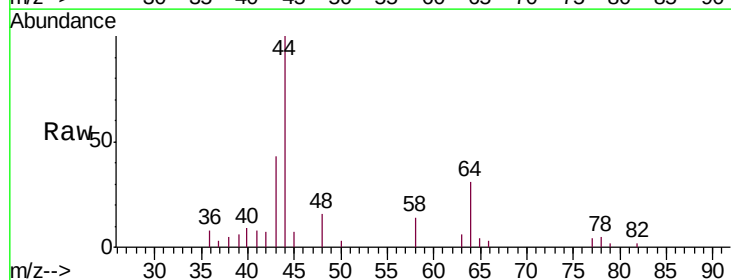
Acq: 04 Oct 2019 11:57

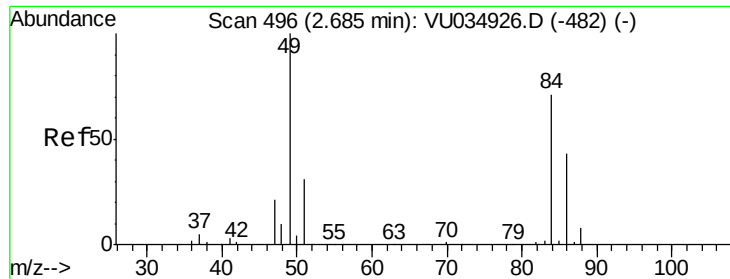
Tgt Ion: 43 Resp: 3462

Ion Ratio Lower Upper

43 100

58 39.9 0.0 54.0

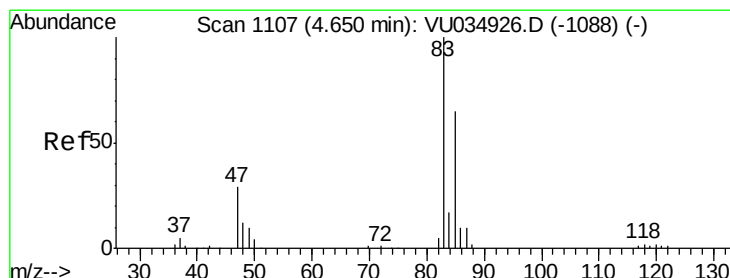
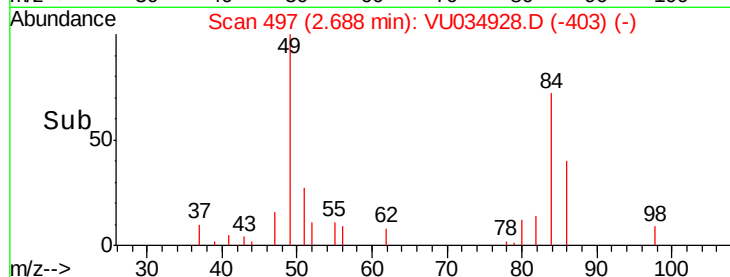
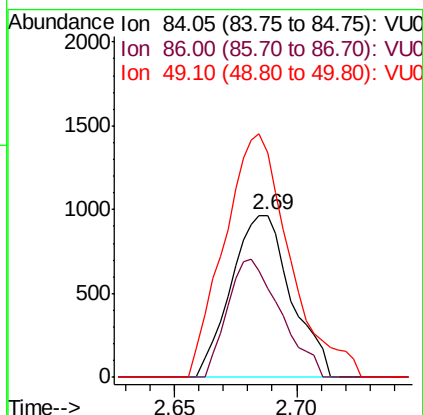
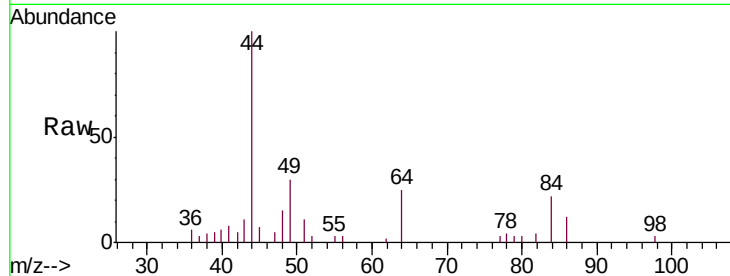




#16
Methylene chloride
Concen: 0.148 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034928.D
Acq: 04 Oct 2019 11:57

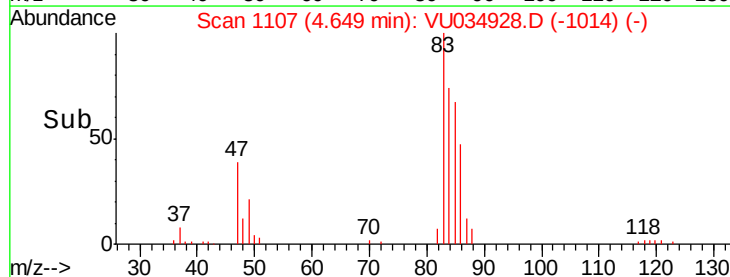
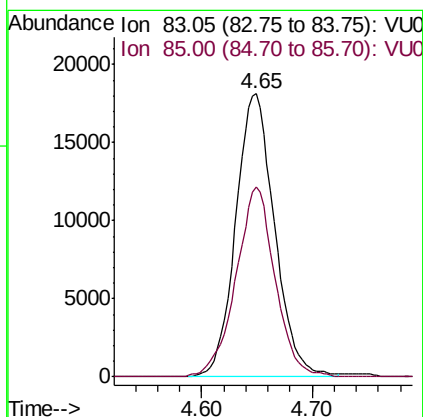
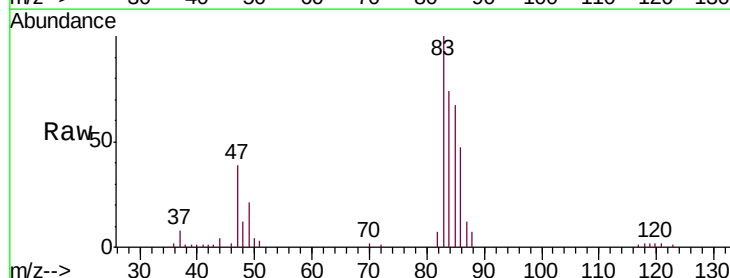
Instrument :
MSVOA_U
ClientSampleId :
C0K05

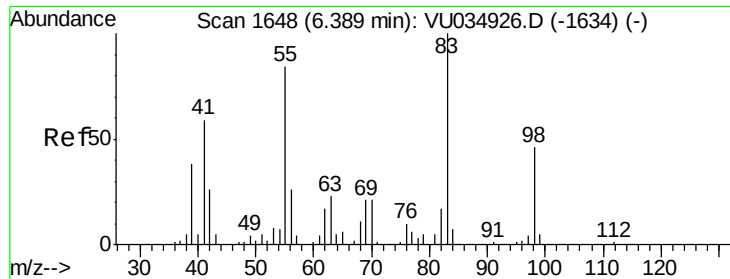
Tgt Ion: 84 Resp: 1644
Ion Ratio Lower Upper
84 100
86 54.5 44.2 82.2
49 138.0 110.0 204.4



#25
Chloroform
Concen: 1.643 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034928.D
Acq: 04 Oct 2019 11:57

Tgt Ion: 83 Resp: 44209
Ion Ratio Lower Upper
83 100
85 67.2 45.2 84.0

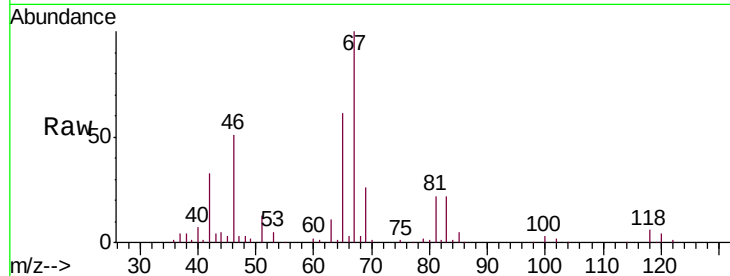




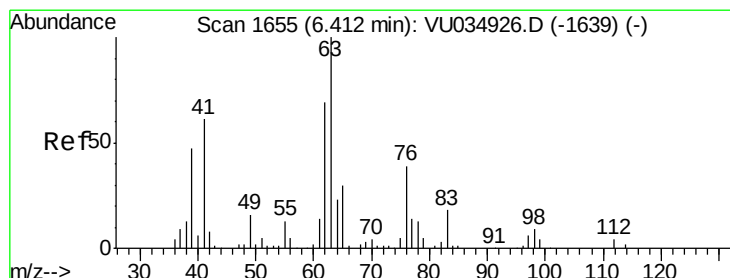
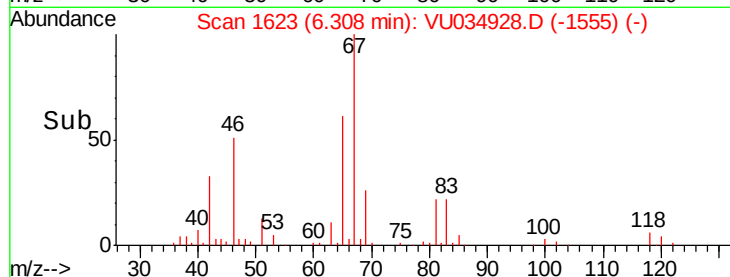
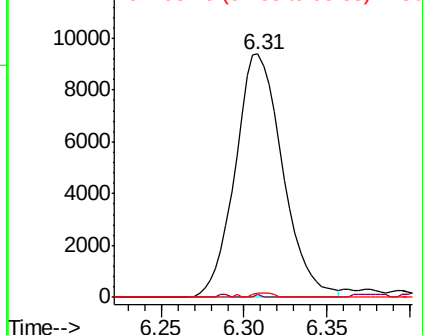
#35
Methylcyclohexane
Concen: 1.373 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034928.D
Acq: 04 Oct 2019 11:57

Instrument :
MSVOA_U
ClientSampleId :
C0K05

Tgt Ion: 83 Resp: 18721
Ion Ratio Lower Upper
83 100
55 0.1 68.9 103.3#
98 0.8 36.6 54.8#

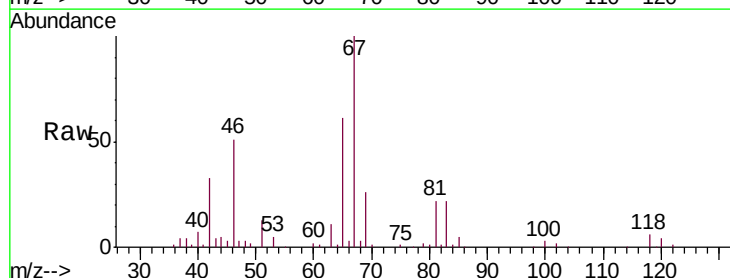


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

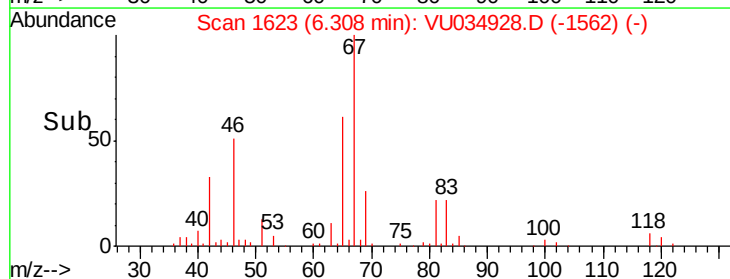
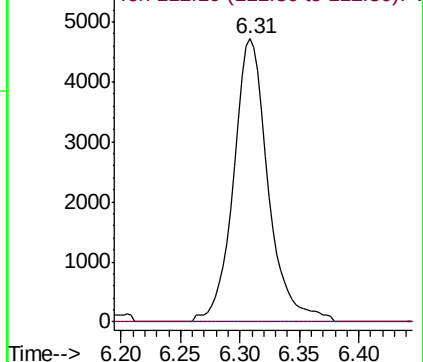


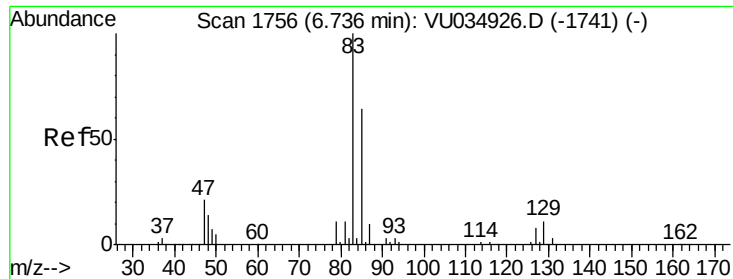
#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034928.D
Acq: 04 Oct 2019 11:57

Tgt Ion: 63 Resp: 9511
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

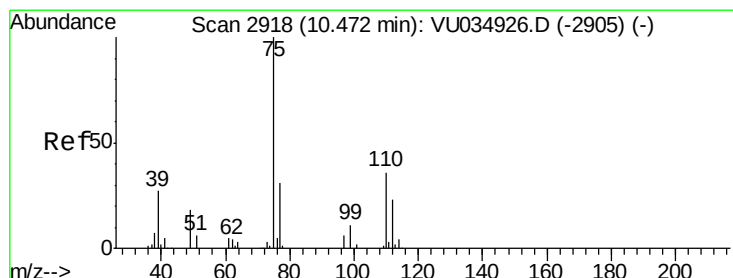
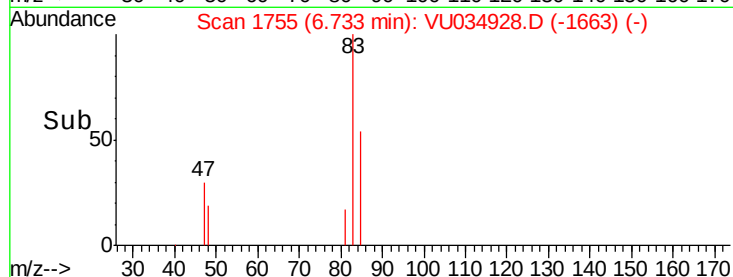
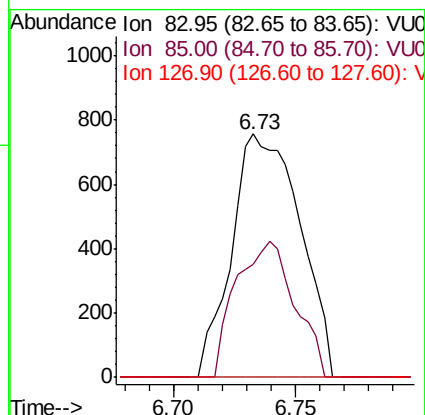
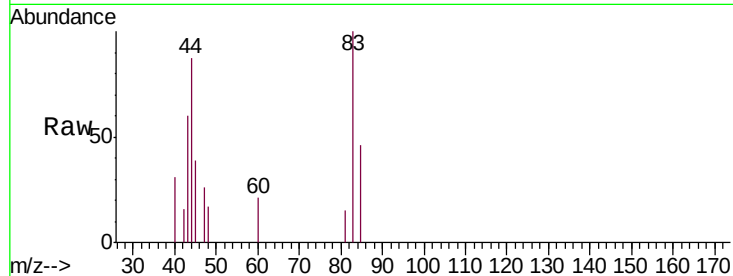




#38
 Bromodichloromethane
 Concen: 0.083 ug/L
 RT: 6.73 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: VU034928.D
 Acq: 04 Oct 2019 11:57

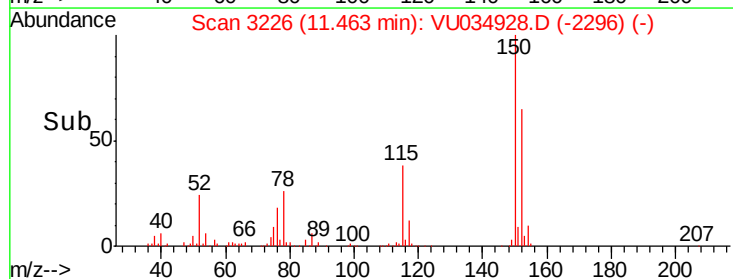
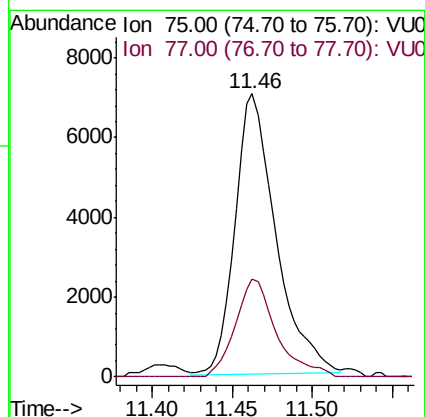
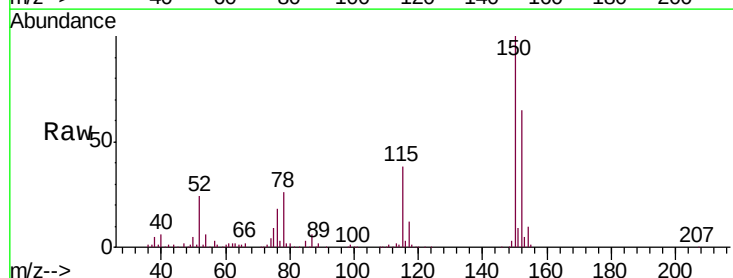
Instrument :
 MSVOA_U
 ClientSampleId :
 C0K05

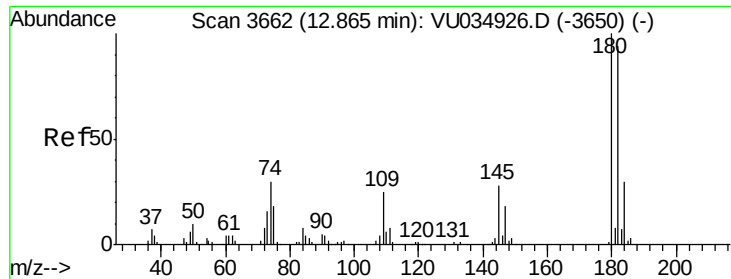
Tgt Ion: 83 Resp: 1468
 Ion Ratio Lower Upper
 83 100
 85 46.5 43.5 80.7
 127 0.0 6.2 9.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.213 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034928.D
 Acq: 04 Oct 2019 11:57

Tgt Ion: 75 Resp: 12230
 Ion Ratio Lower Upper
 75 100
 77 35.1 26.5 39.7





#67
 1,3,5-Trichlorobenzene
 Concen: 0.100 ug/L
 RT: 12.88 min Scan# 3667
 Delta R.T. 0.02 min
 Lab File: VU034928.D
 Acq: 04 Oct 2019 11:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0K05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.2	77.0	115.4
184	28.5	24.4	36.6
145	19.4	25.0	37.6#

