

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\
 Data File : VU035194.D
 Acq On : 15 Oct 2019 17:52
 Operator : JC/SP
 Sample : K5317-04DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 19:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	208726	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	219462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	77494	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51972	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.66	69	53065	4.61	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.26	63	77918	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.16	46	200787	55.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	4.62	84	111520	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.29	65	69853	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.31	84	217971	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.31	67	81184	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.54	98	175348	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	7.83	79	24858	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.30	63	140259	47.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	74636	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	61649	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

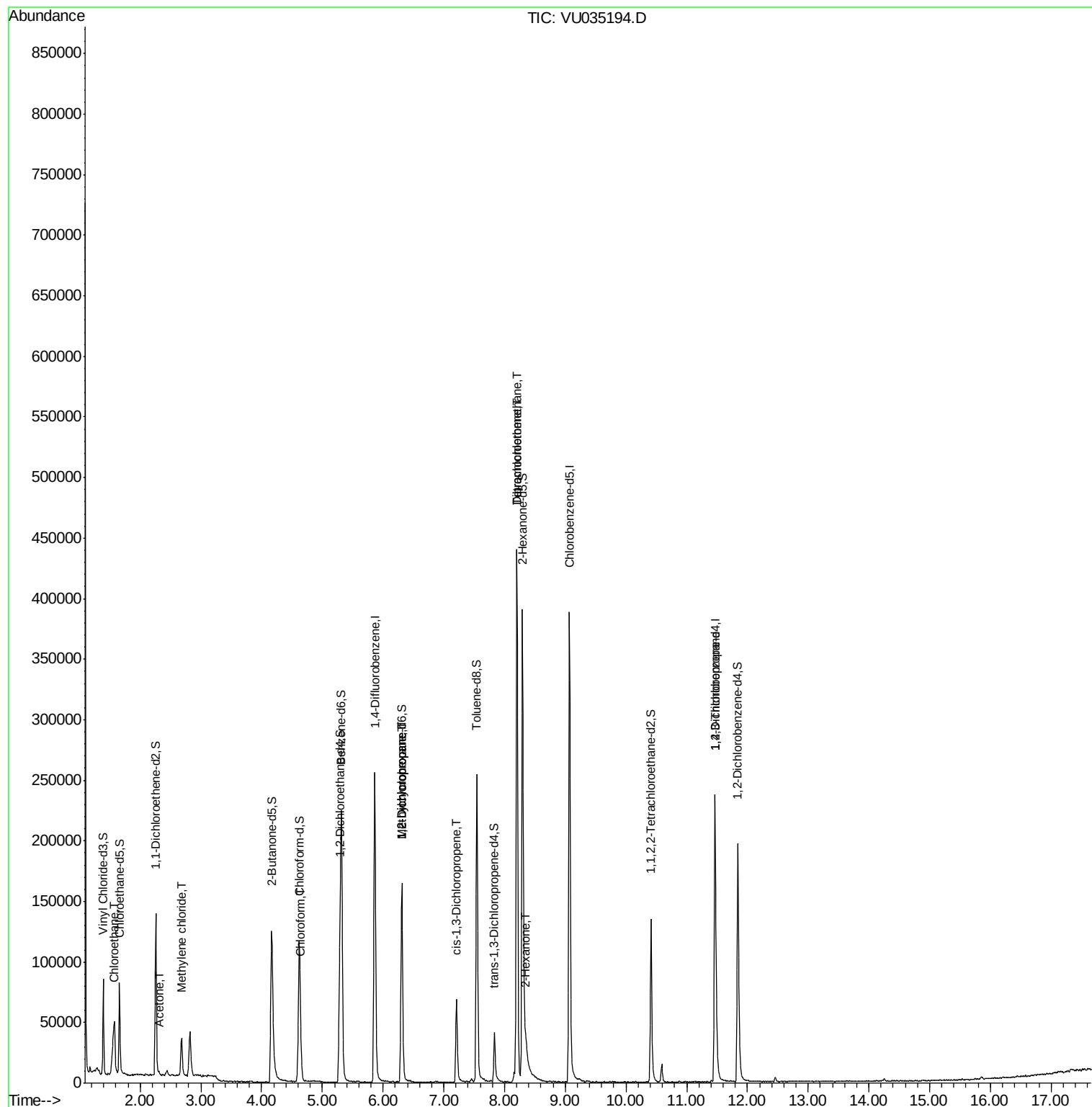
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.56	64	890	0.072	ug/L	97
13) Acetone	2.31	43	2444	0.821	ug/L	84
16) Methylene chloride	2.68	84	11826	0.713	ug/L	78
25) Chloroform	4.65	83	10334	0.322	ug/L	98
35) Methylcyclohexane	6.31	83	17428	0.631	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	8829	0.495	ug/L #	90
39) cis-1,3-Dichloropropene	7.21	75	1932	0.080	ug/L #	45
47) Tetrachloroethene	8.21	164	93406	6.768	ug/L	98
48) 2-Hexanone	8.35	43	7443	0.967	ug/L #	88
49) Dibromochloromethane	8.21	129	91322	6.673	ug/L #	13
59) 1,2,3-Trichloropropane	11.47	75	10827	0.938	ug/L	100

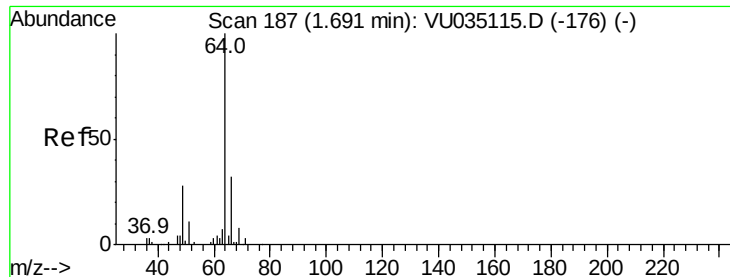
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101519\
Data File : VU035194.D
Acq On : 15 Oct 2019 17:52
Operator : JC/SP
Sample : K5317-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 15 19:25:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.072 ug/L

RT: 1.56 min Scan# 145

Delta R.T. -0.13 min

Lab File: VU035194.D

Acq: 15 Oct 2019 17:52

Instrument :

MSVOA_U

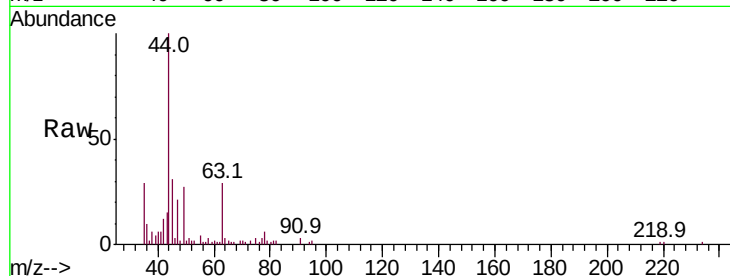
ClientSampled :

Tot Ion: 64 Resp: 890

Ion Ratio Lower Upper

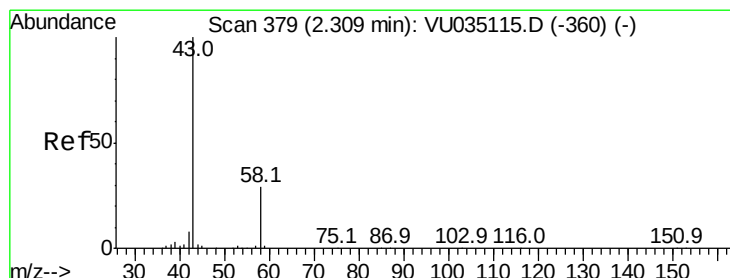
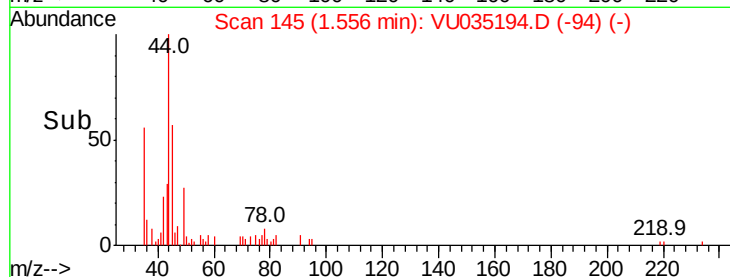
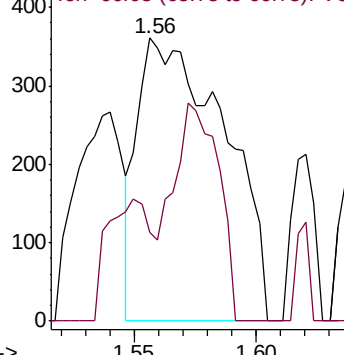
64 100

66 31.3 23.2 43.2



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 0.821 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU035194.D

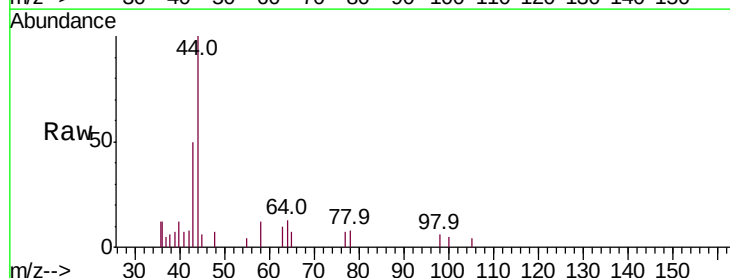
Acq: 15 Oct 2019 17:52

Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

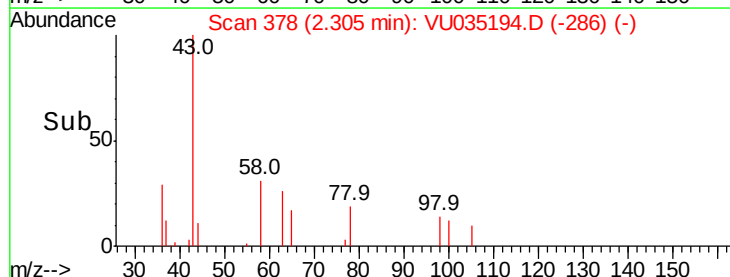
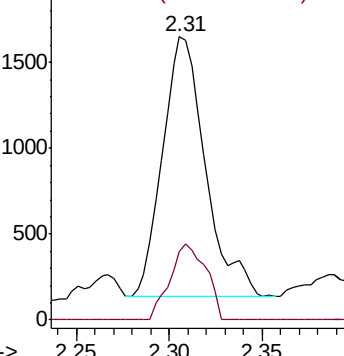
43 100

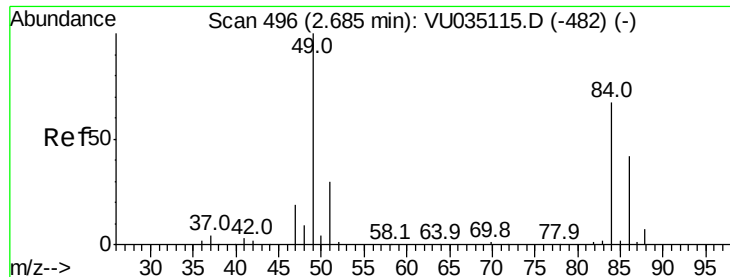
58 24.3 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

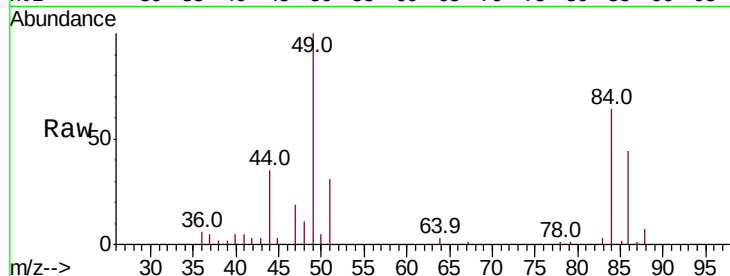




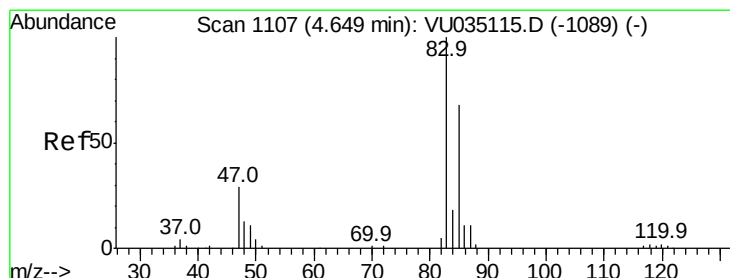
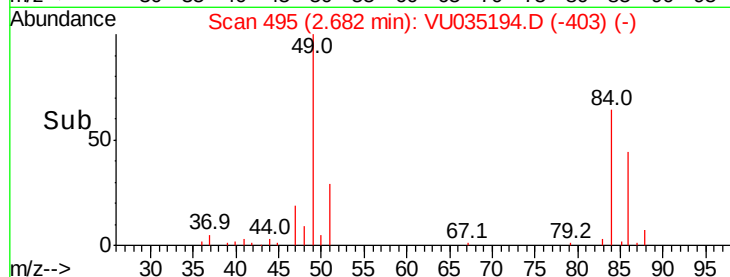
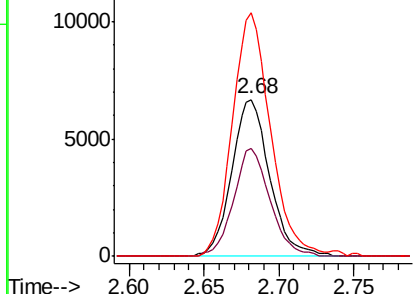
#16
Methylene chloride
Concen: 0.713 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU035194.D
Acq: 15 Oct 2019 17:52

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 11826
Ion Ratio Lower Upper
84 100
86 68.9 42.5 78.9
49 155.3 86.9 161.3

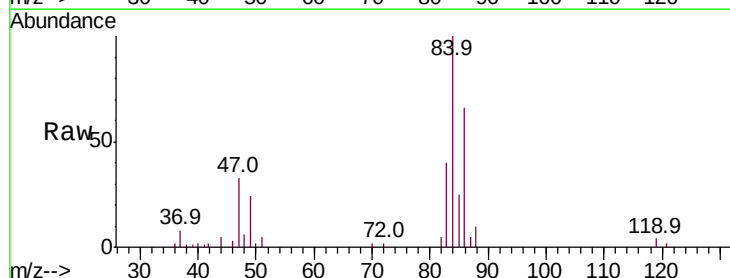


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

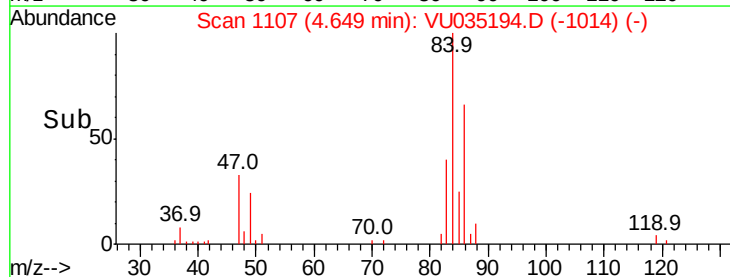
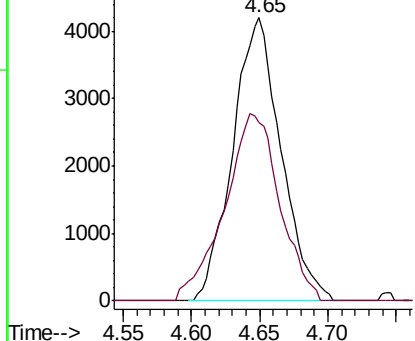


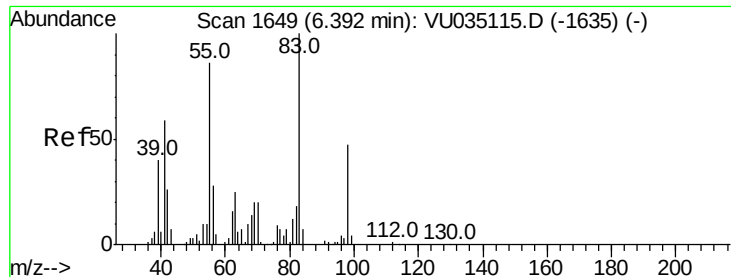
#25
Chloroform
Concen: 0.322 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU035194.D
Acq: 15 Oct 2019 17:52

Tgt Ion: 83 Resp: 10334
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

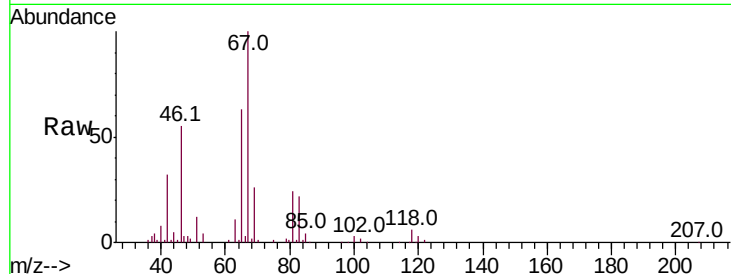




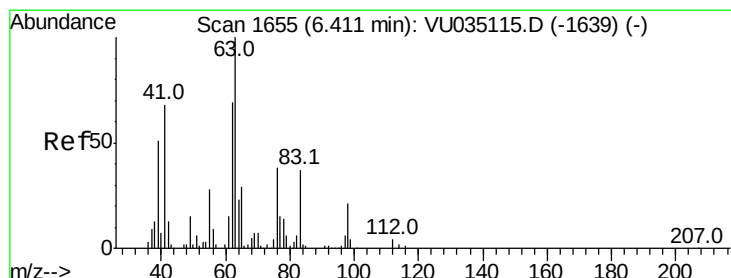
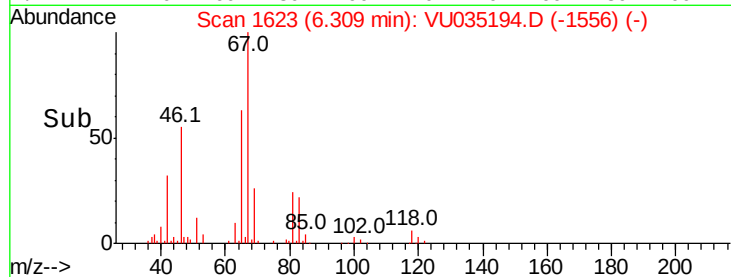
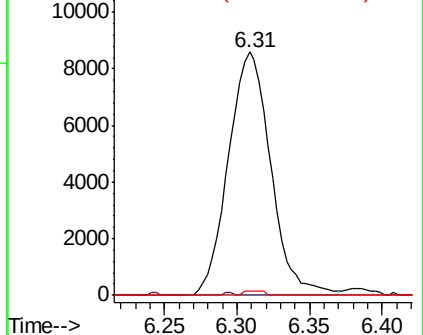
#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035194.D
Acq: 15 Oct 2019 17:52

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 17428
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.8 36.2 54.2#

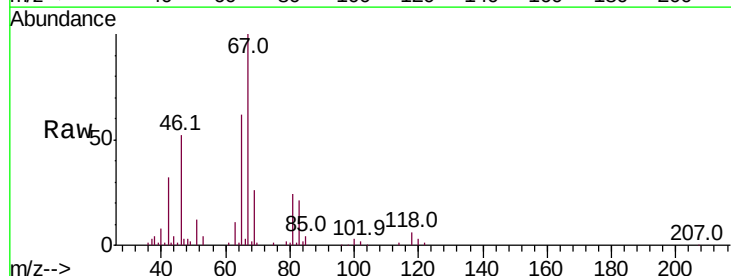


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

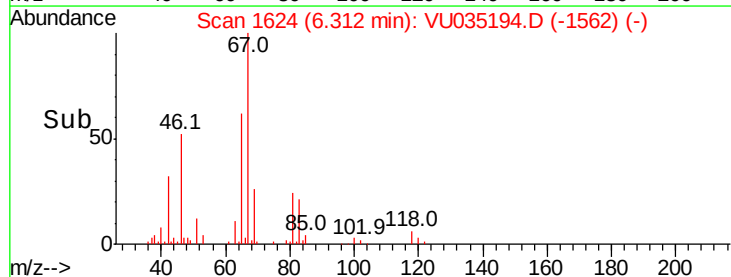
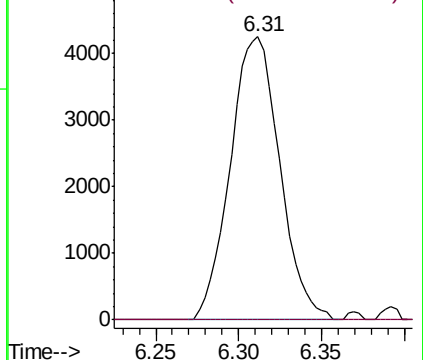


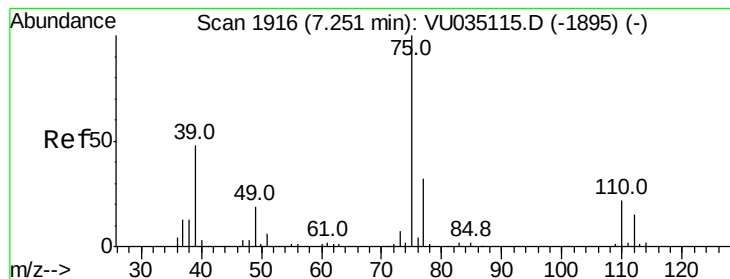
#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035194.D
Acq: 15 Oct 2019 17:52

Tgt Ion: 63 Resp: 8829
Ion Ratio Lower Upper
63 100
112 0.6 3.1 4.7#



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



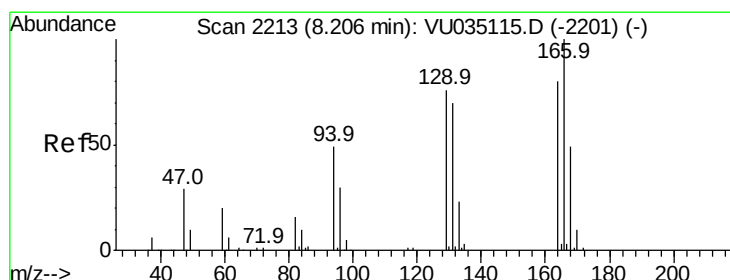
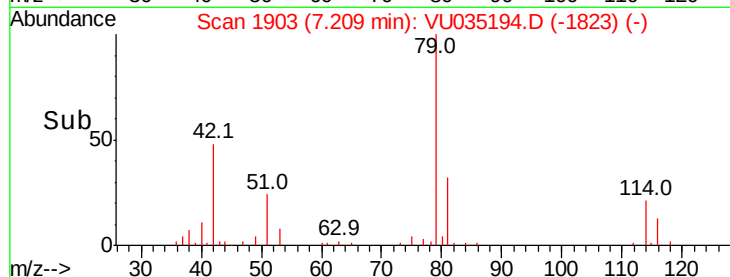
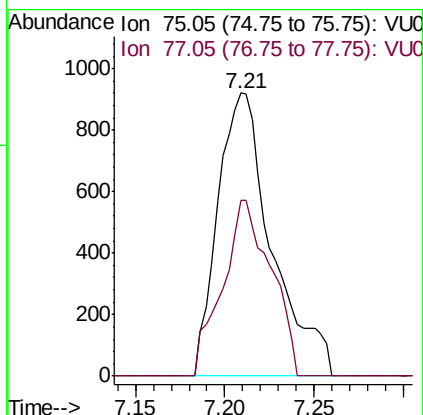
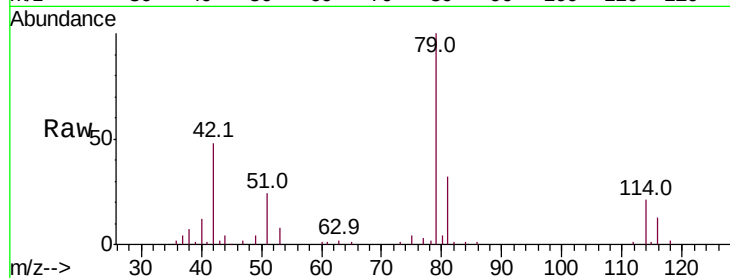


#39

cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU035194.D
 Acq: 15 Oct 2019 17:52

Instrument :
 MSVOA_U
 ClientSampled :

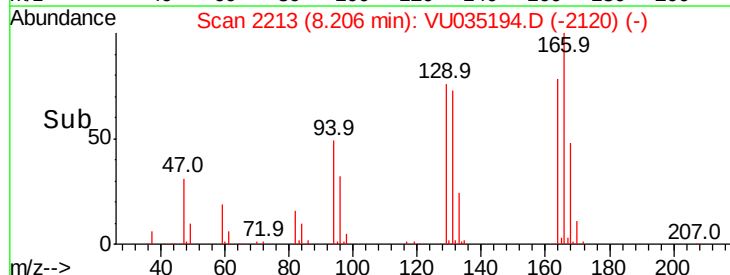
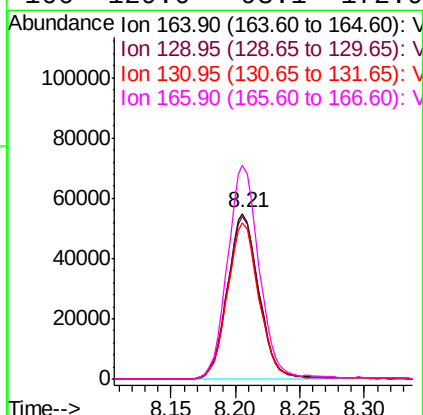
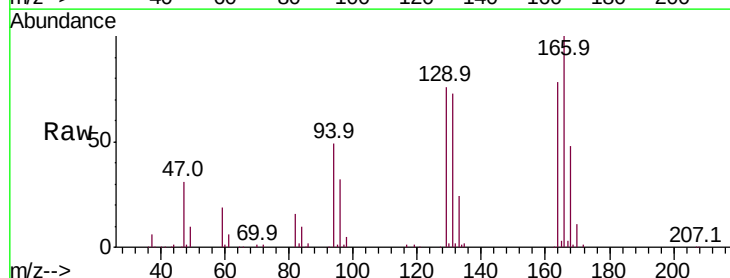
Tot Ion: 75 Resp: 1932
 Ion Ratio Lower Upper
 75 100
 77 62.2 22.1 41.1#

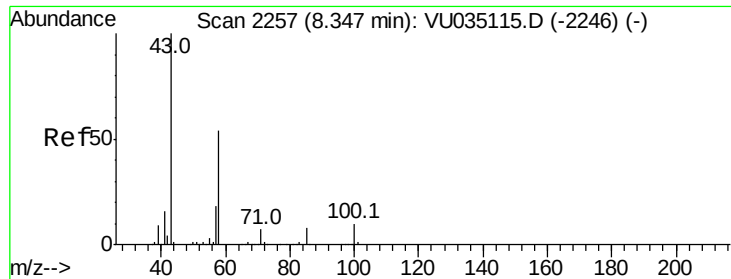


#47

Tetrachloroethene
 Concen: 6.768 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: VU035194.D
 Acq: 15 Oct 2019 17:52

Tgt Ion:164 Resp: 93406
 Ion Ratio Lower Upper
 164 100
 129 98.0 68.5 127.1
 131 94.2 67.3 124.9
 166 129.0 93.1 172.9

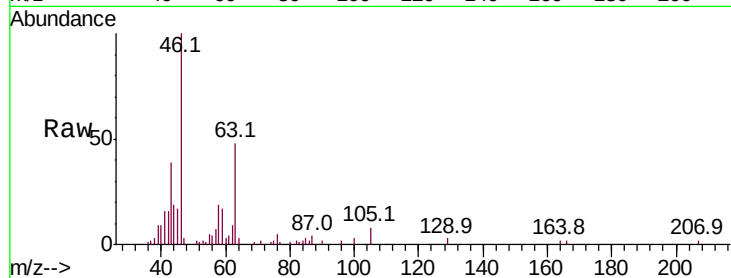




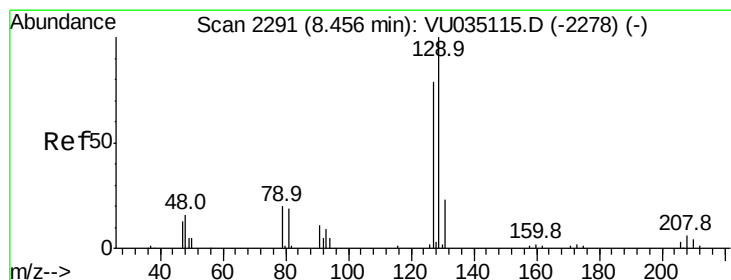
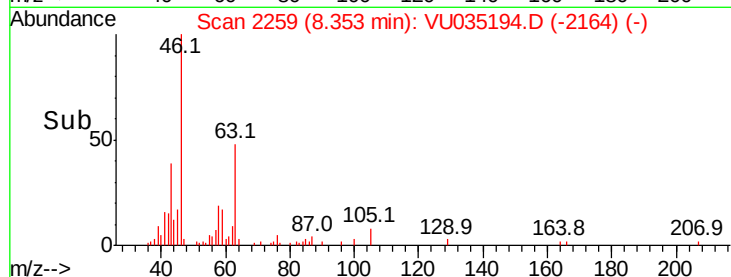
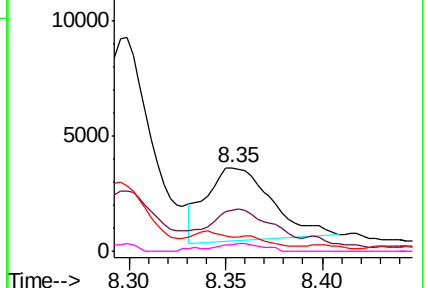
#48
2-Hexanone
Concen: 0.967 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU035194.D
Acq: 15 Oct 2019 17:52

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 7443
Ion Ratio Lower Upper
43 100
58 55.5 44.1 66.1
57 0.0 15.8 23.8#
100 6.8 9.4 14.2#

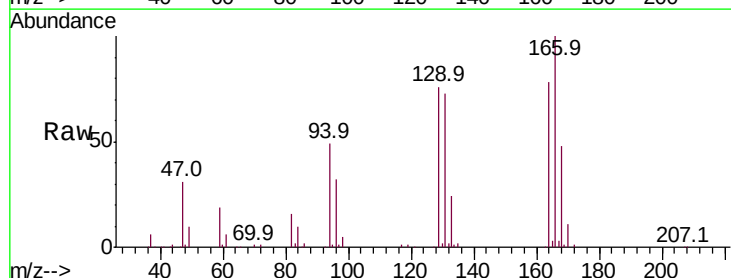


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

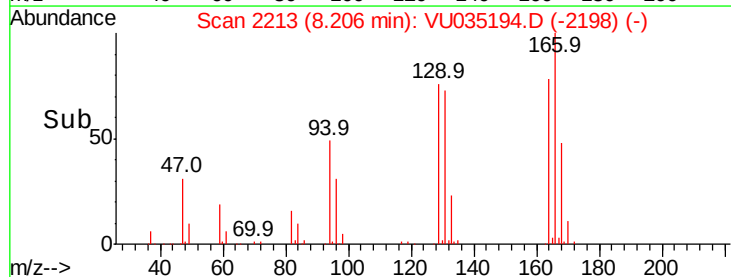
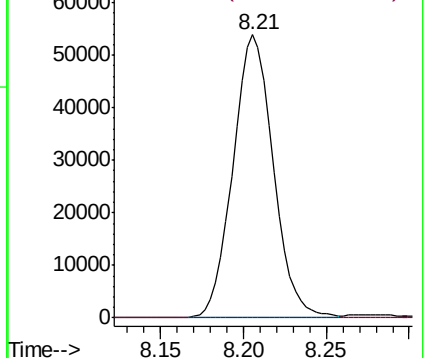


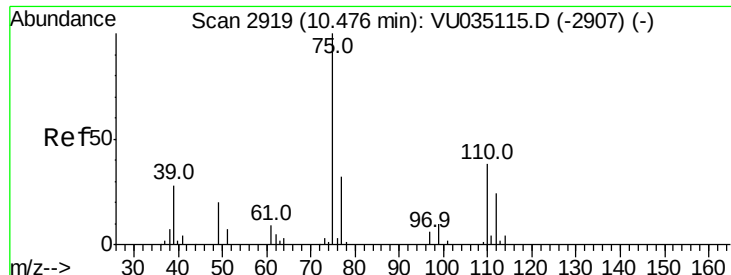
#49
Dibromochloromethane
Concen: 6.673 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035194.D
Acq: 15 Oct 2019 17:52

Tgt Ion: 129 Resp: 91322
Ion Ratio Lower Upper
129 100
127 0.2 51.9 96.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.938 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035194.D

Acq: 15 Oct 2019 17:52

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 10827

Ion Ratio Lower Upper

75 100

77 33.3 26.5 39.7

