

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035134.D
 Acq On : 12 Oct 2019 10:10
 Operator : JC/SP
 Sample : K5310-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:21:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	167190	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65488	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52216	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.68	69	49825	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.26	63	78453	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.17	46	149966	51.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.63	84	95321	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.29	65	56659	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.32	84	196724	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	70954	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.55	98	169475	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.84	79	19428	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.30	63	110628	47.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.62%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56840	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	59739	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

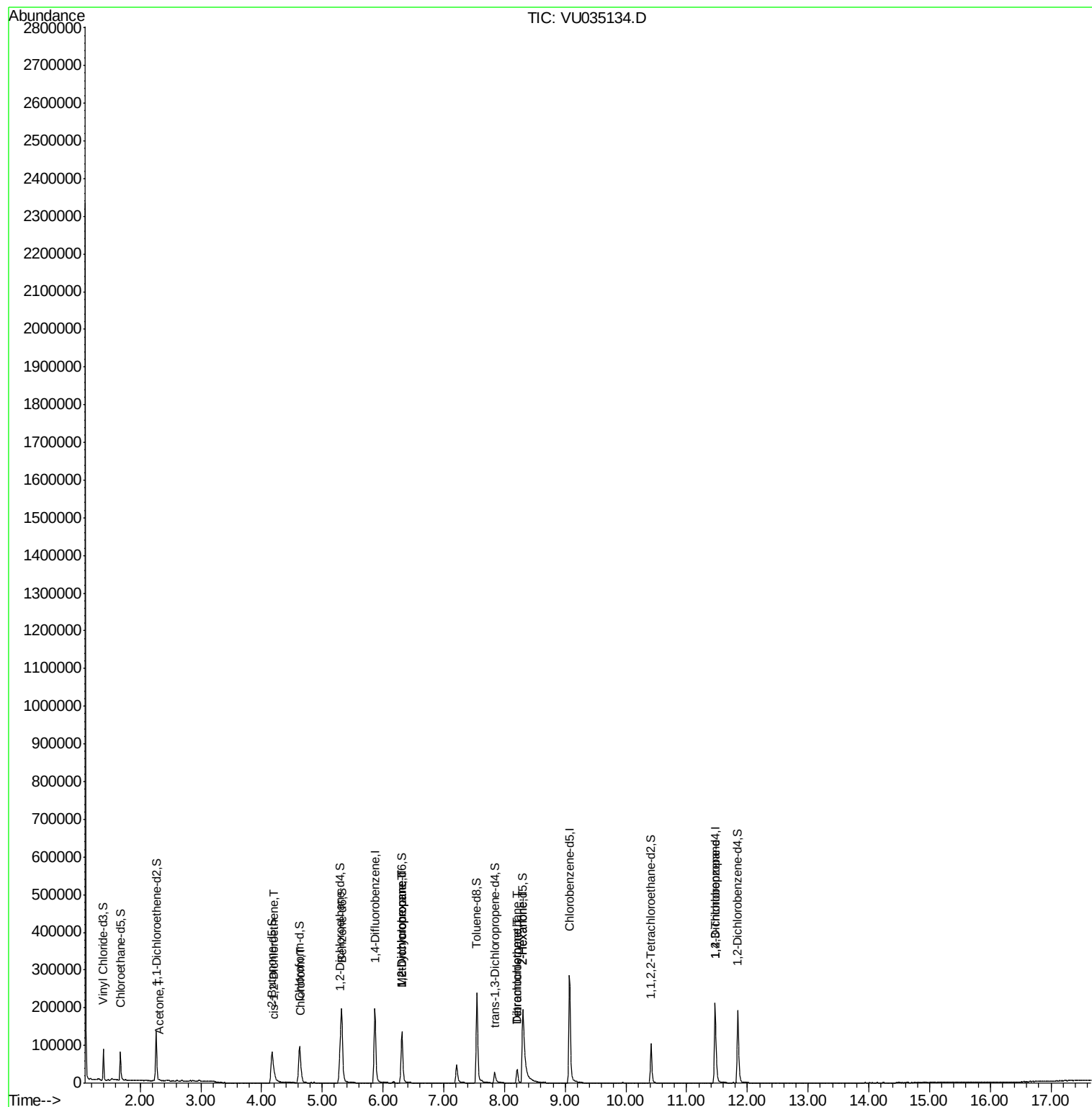
					Ovalue
13) Acetone	2.31	43	3686	1.546	ug/L 94
22) cis-1,2-Dichloroethene	4.20	96	6138	0.479	ug/L 99
25) Chloroform	4.65	83	12062	0.470	ug/L 93
35) Methylcyclohexane	6.31	83	14878	0.678	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	7695	0.543	ug/L # 88
47) Tetrachloroethene	8.21	164	8911	0.813	ug/L 93
48) 2-Hexanone	8.30	43	11021	1.803	ug/L # 38
49) Dibromochloromethane	8.21	129	8520	0.784	ug/L # 12
59) 1,2,3-Trichloropropane	11.47	75	8883	0.969	ug/L 99

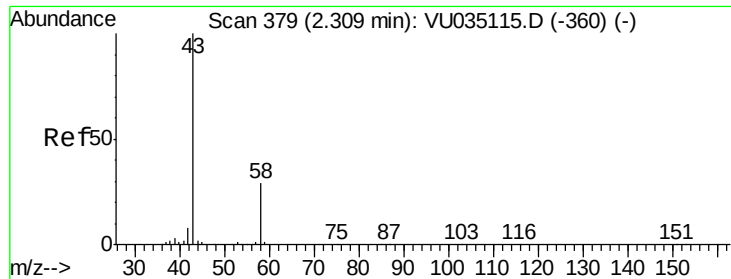
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.546 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035134.D

Acq: 12 Oct 2019 10:10

Instrument :

MSVOA_U

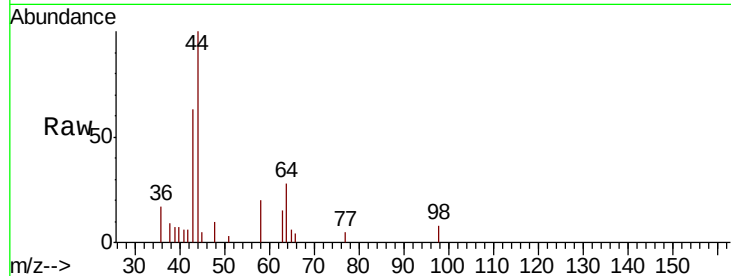
ClientSampleId :

Tot Ion: 43 Resp: 3686

Ion Ratio Lower Upper

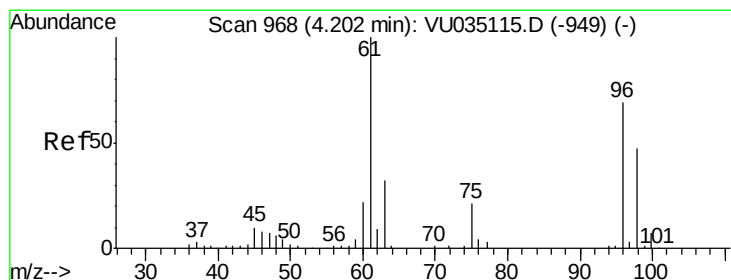
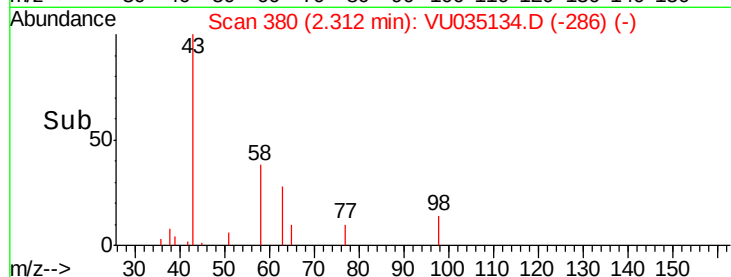
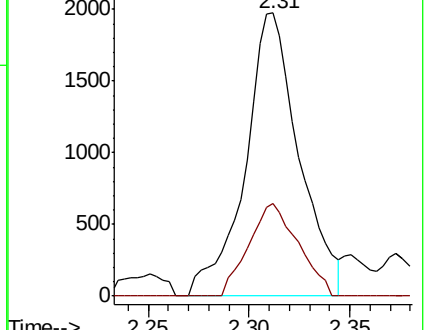
43 100

58 30.1 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035115.D (-360) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.479 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035134.D

Acq: 12 Oct 2019 10:10

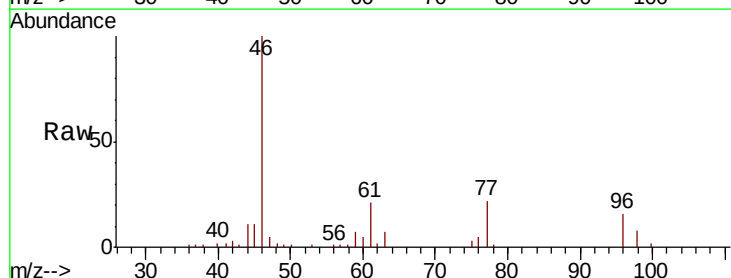
Tgt Ion: 96 Resp: 6138

Ion Ratio Lower Upper

96 100

61 128.3 89.2 165.6

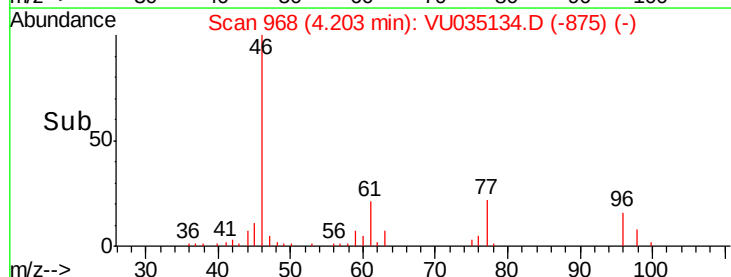
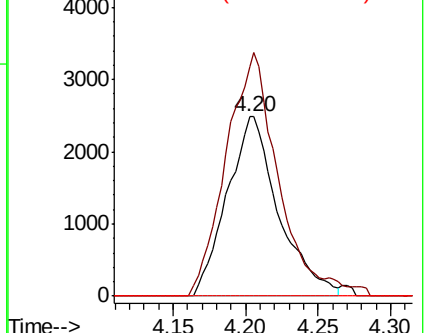
68 0.0 0.0 0.0

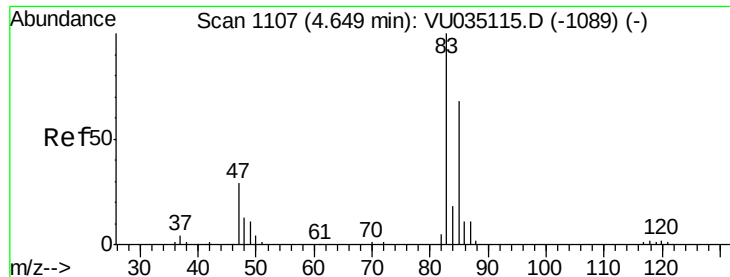


Abundance Ion 96.00 (95.70 to 96.70): VU035115.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035115.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035115.D (-949) (-)

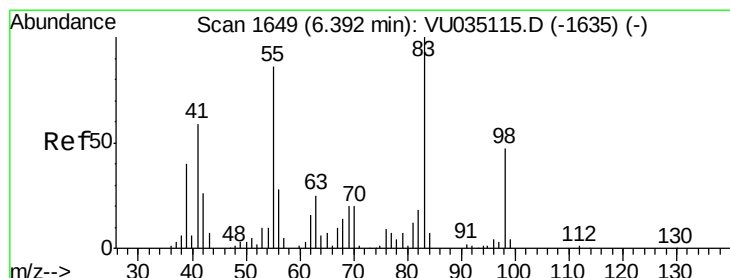
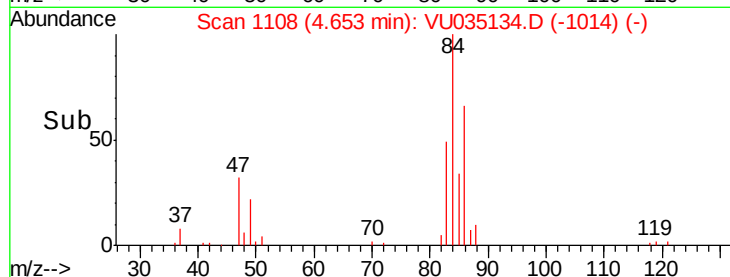
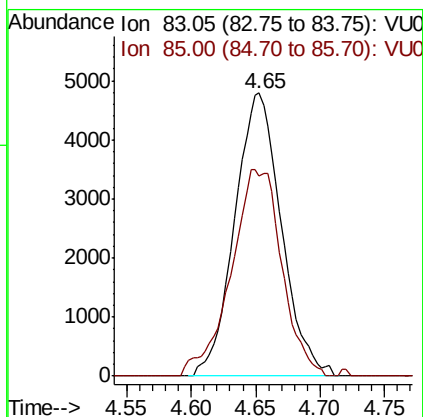
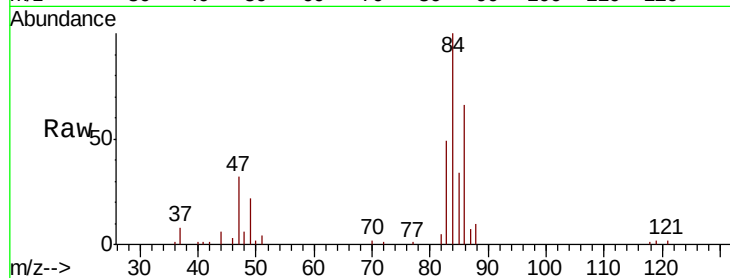




#25
Chloroform
Concen: 0.470 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035134.D
Acq: 12 Oct 2019 10:10

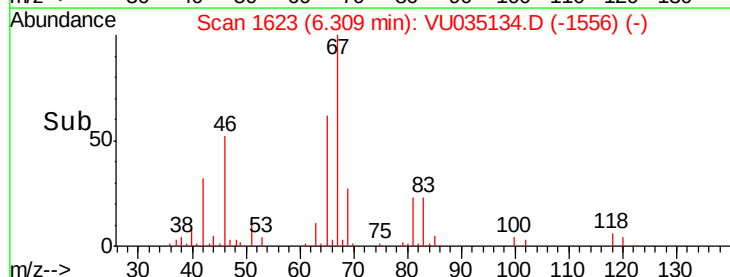
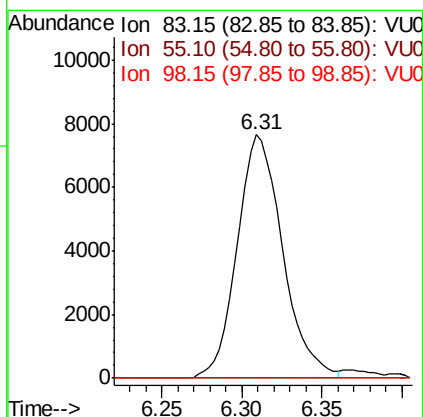
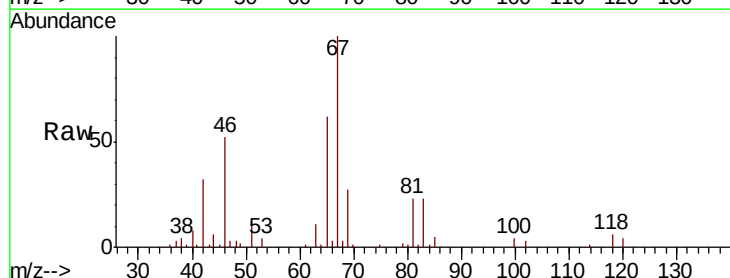
Instrument :
MSVOA_U
ClientSampleId :

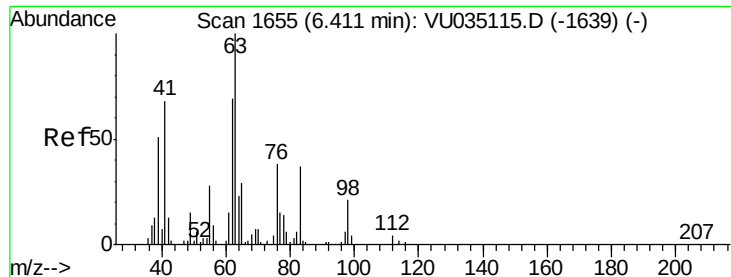
Tot Ion: 83 Resp: 12062
Ion Ratio Lower Upper
83 100
85 70.6 45.4 84.4



#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035134.D
Acq: 12 Oct 2019 10:10

Tgt Ion: 83 Resp: 14878
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 36.2 54.2#

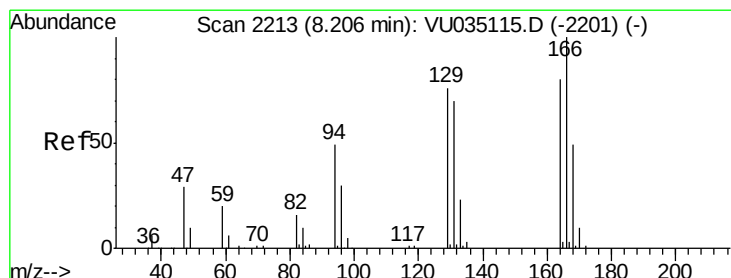
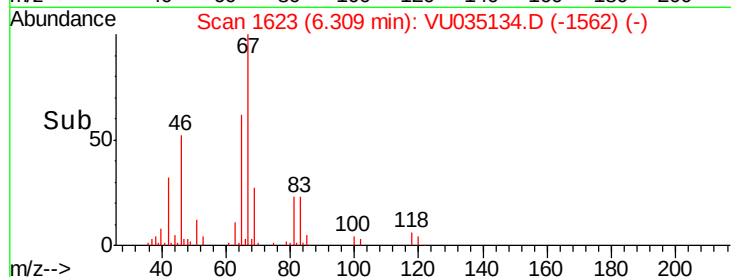
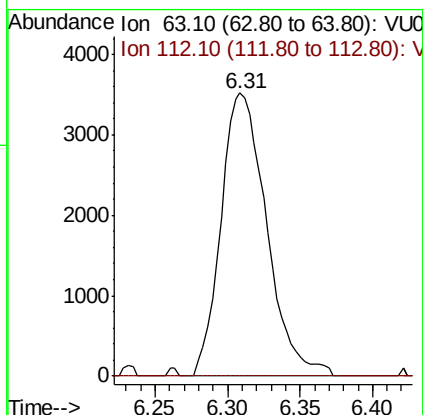
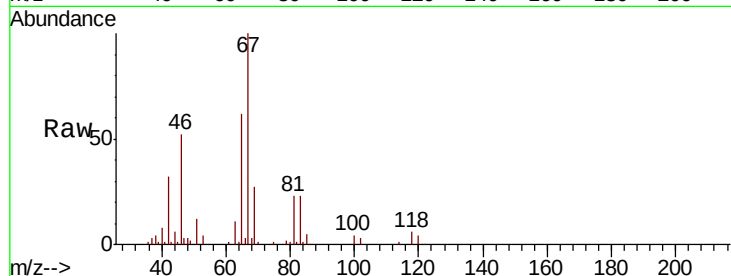




#37
 1,2-Dichloropropane
 Concen: 0.543 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035134.D
 Acq: 12 Oct 2019 10:10

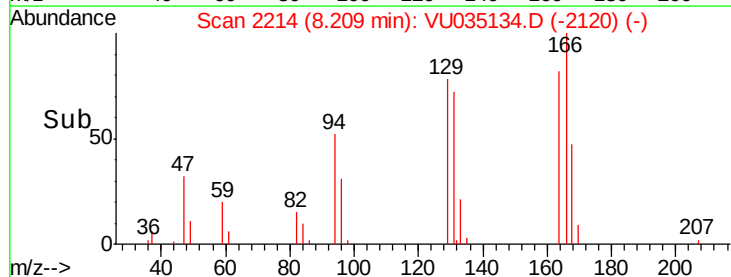
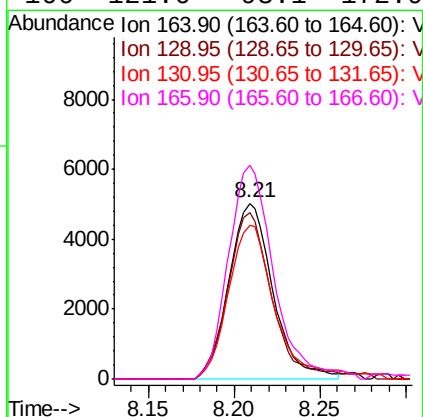
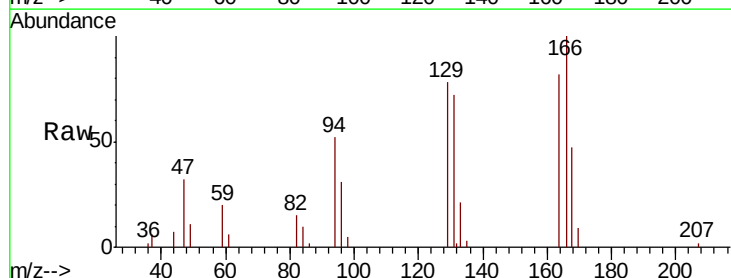
Instrument :
 MSVOA_U
 ClientSampleId :

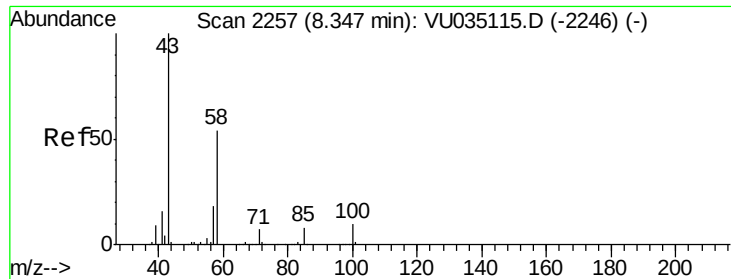
Tot Ion: 63 Resp: 7695
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#47
 Tetrachloroethene
 Concen: 0.813 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU035134.D
 Acq: 12 Oct 2019 10:10

Tgt Ion:164 Resp: 8911
 Ion Ratio Lower Upper
 164 100
 129 95.0 68.5 127.1
 131 87.5 67.3 124.9
 166 121.6 93.1 172.9

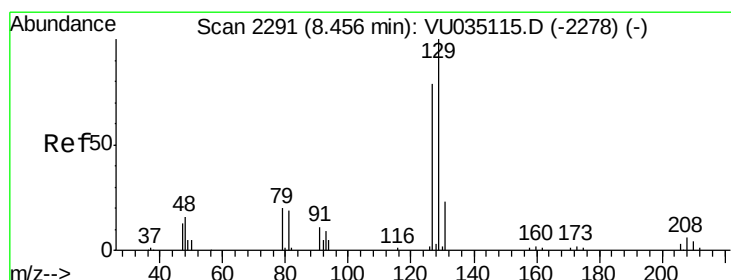
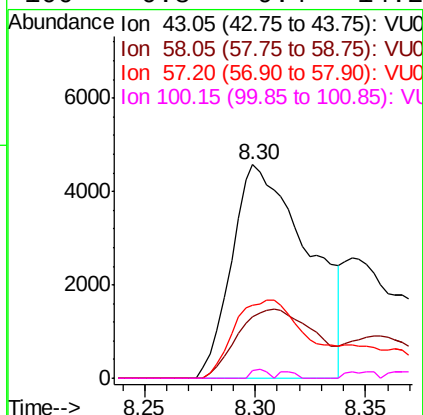
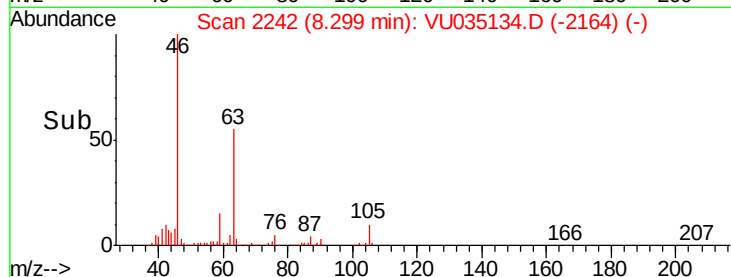
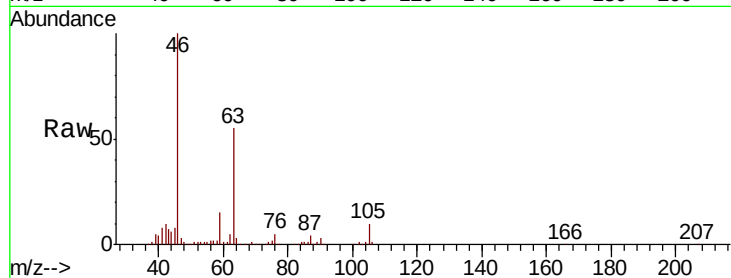




#48
2-Hexanone
Concen: 1.803 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.05 min
Lab File: VU035134.D
Acq: 12 Oct 2019 10:10

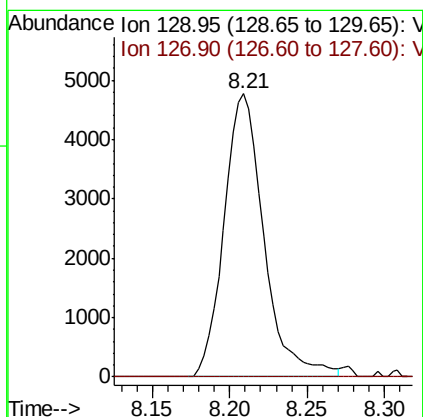
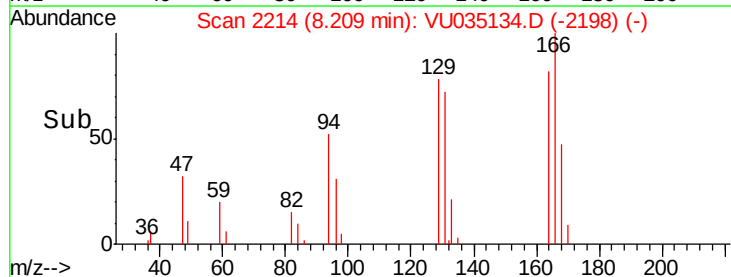
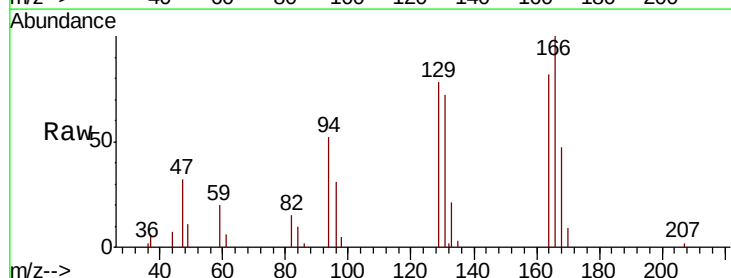
Instrument :
MSVOA_U
ClientSampleId :

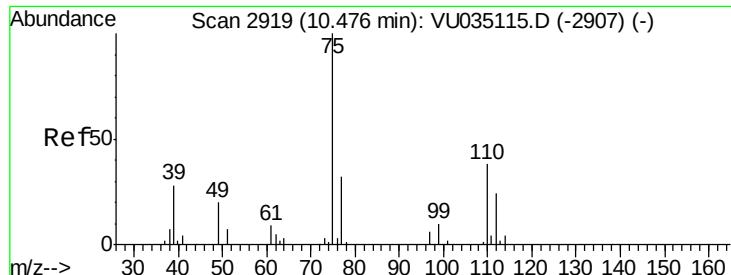
Tot Ion: 43 Resp: 11021
Ion Ratio Lower Upper
43 100
58 0.0 44.1 66.1#
57 0.0 15.8 23.8#
100 0.8 9.4 14.2#



#49
Dibromochloromethane
Concen: 0.784 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035134.D
Acq: 12 Oct 2019 10:10

Tgt Ion: 129 Resp: 8520
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.969 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035134.D

Acq: 12 Oct 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8883

Ion Ratio Lower Upper

75 100

77 33.7 26.5 39.7

