

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035128.D
 Acq On : 12 Oct 2019 07:44
 Operator : JC/SP
 Sample : K5309-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:20:23 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	5.86	114	166585	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51509	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.68	69	49034	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.26	63	75823	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.17	46	147805	50.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.94%
24) Chloroform-d	4.63	84	102373	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.29	65	56458	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.32	84	192218	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.31	67	69264	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.55	98	167211	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.84	79	19529	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.30	63	103953	44.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.30%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57618	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	58420	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

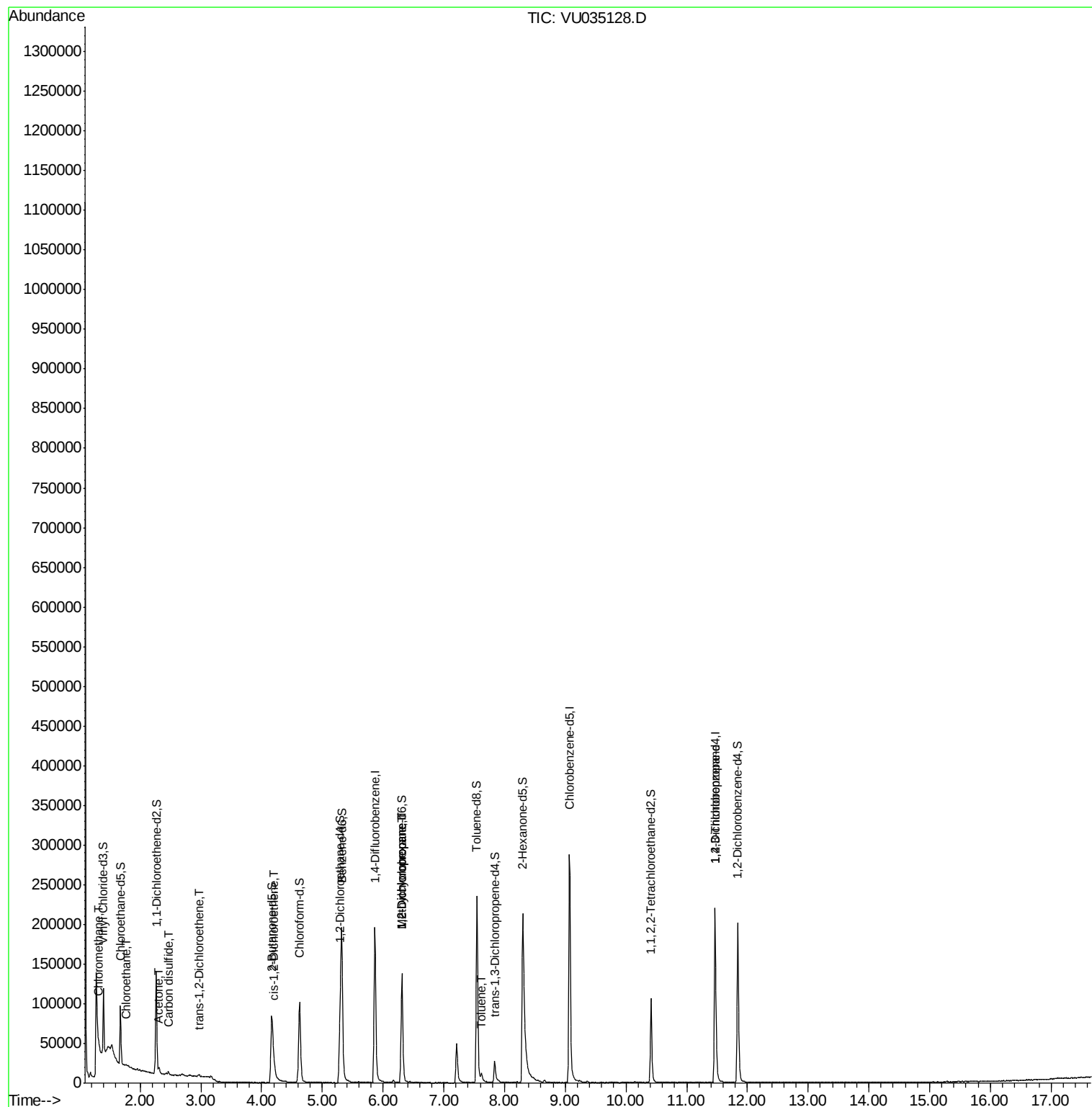
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	3296	0.197	ug/L #	77
8) Chloroethane	1.77	64	1248	0.127	ug/L #	51
13) Acetone	2.31	43	7762	3.268	ug/L	98
14) Carbon disulfide	2.47	76	4450	0.125	ug/L #	92
18) trans-1,2-Dichloroethene	2.96	96	651	0.057	ug/L #	83
22) cis-1,2-Dichloroethene	4.20	96	5119	0.401	ug/L	95
35) Methylcyclohexane	6.31	83	14890	0.674	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7413	0.520	ug/L #	89
42) Toluene	7.62	91	6781	0.123	ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	8684	0.941	ug/L	95

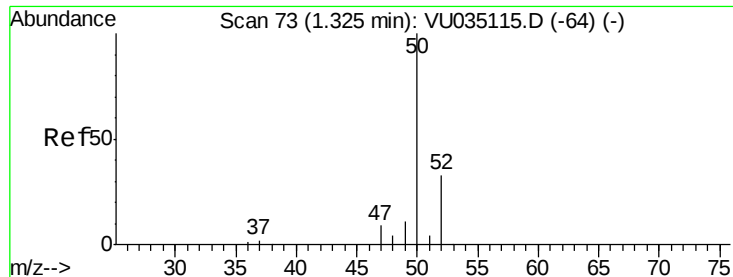
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.197 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU035128.D

Acq: 12 Oct 2019 07:44

Instrument :

MSVOA_U

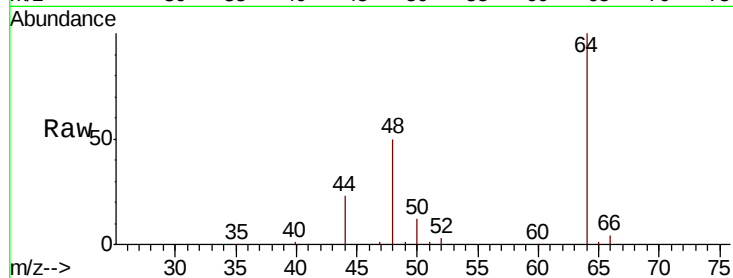
ClientSampleId :

Tot Ion: 50 Resp: 3296

Ion Ratio Lower Upper

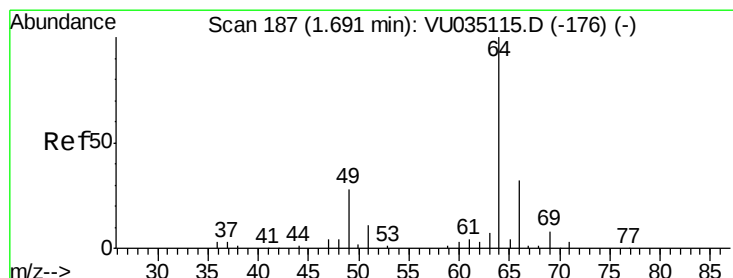
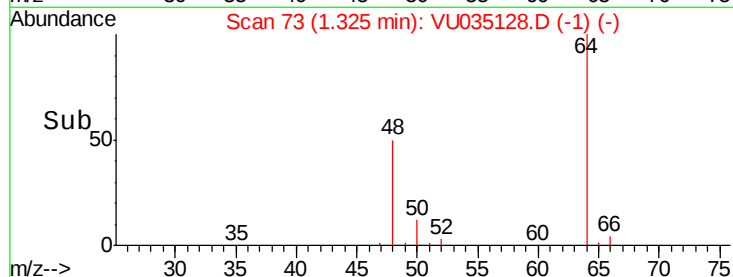
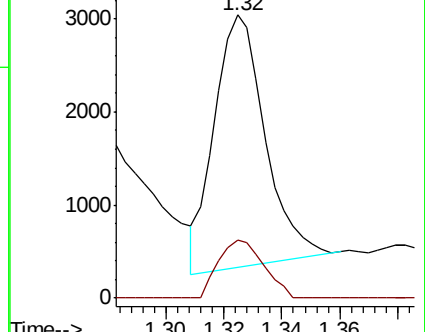
50 100

52 20.5 23.3 43.3#



Abundance Ion 50.05 (49.75 to 50.75): VU035115.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035115.D (-64) (-)



#8

Chloroethane

Concen: 0.127 ug/L

RT: 1.77 min Scan# 213

Delta R.T. 0.08 min

Lab File: VU035128.D

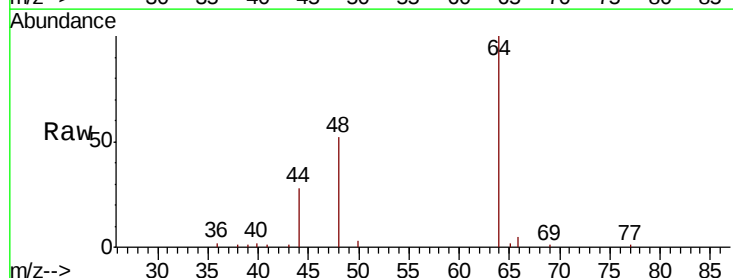
Acq: 12 Oct 2019 07:44

Tgt Ion: 64 Resp: 1248

Ion Ratio Lower Upper

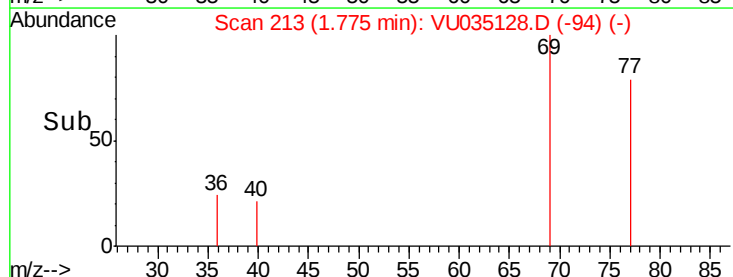
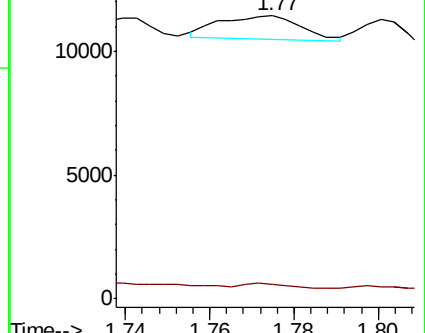
64 100

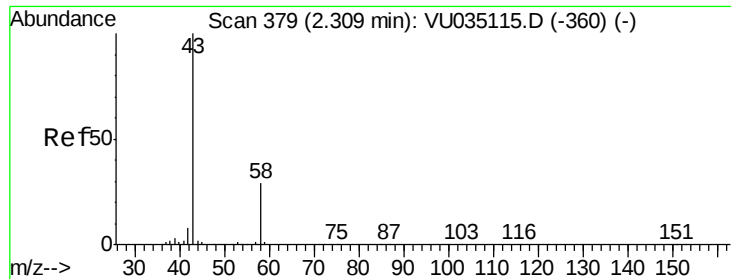
66 5.2 23.2 43.2#



Abundance Ion 64.10 (63.80 to 64.80): VU035115.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU035115.D (-176) (-)





#13

Acetone

Concen: 3.268 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035128.D

Acq: 12 Oct 2019 07:44

Instrument :

MSVOA_U

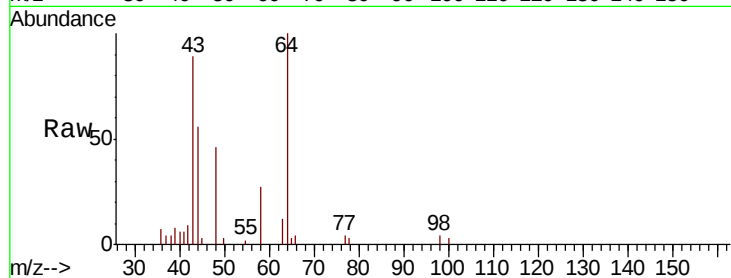
ClientSampled :

Tot Ion: 43 Resp: 7762

Ion Ratio Lower Upper

43 100

58 32.0 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) (-)

2.31

4000

3000

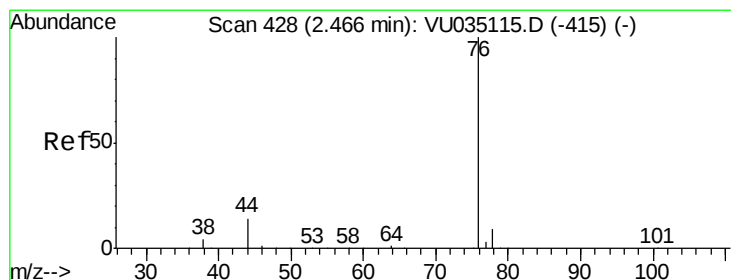
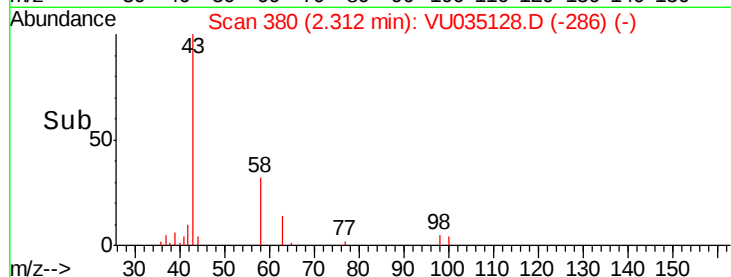
2000

1000

0

Time-->

2.25 2.30 2.35



#14

Carbon disulfide

Concen: 0.125 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VU035128.D

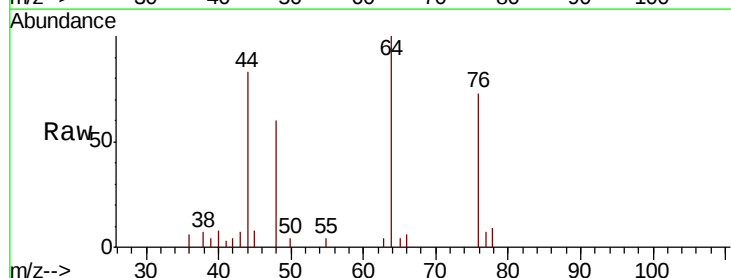
Acq: 12 Oct 2019 07:44

Tgt Ion: 76 Resp: 4450

Ion Ratio Lower Upper

76 100

78 11.9 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU035115.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU035115.D (-415) (-)

2.47

3000

2500

2000

1500

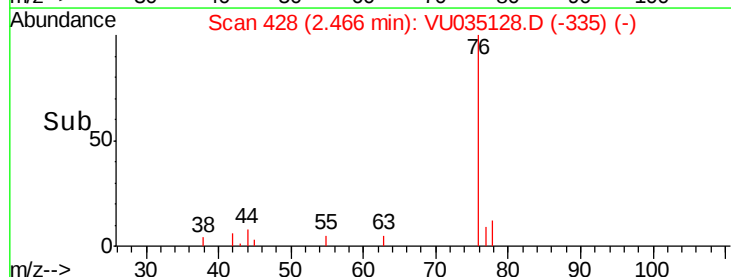
1000

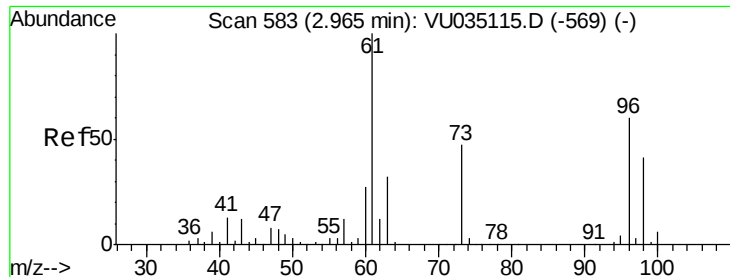
500

0

Time-->

2.45 2.50

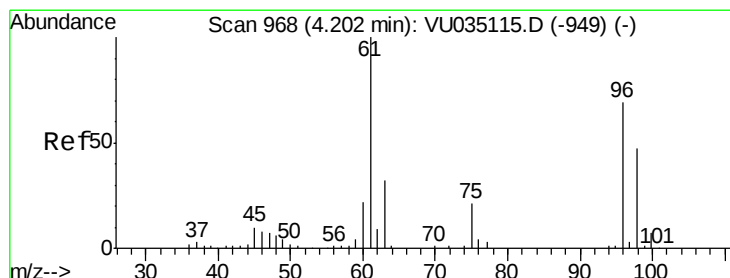
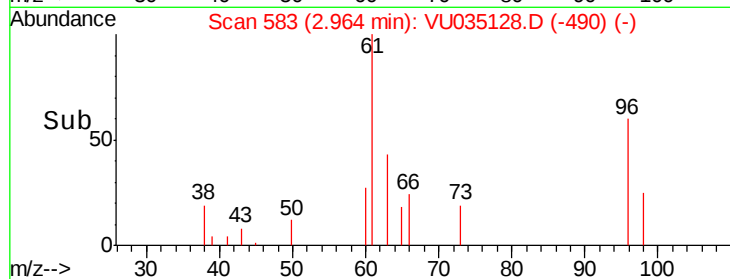
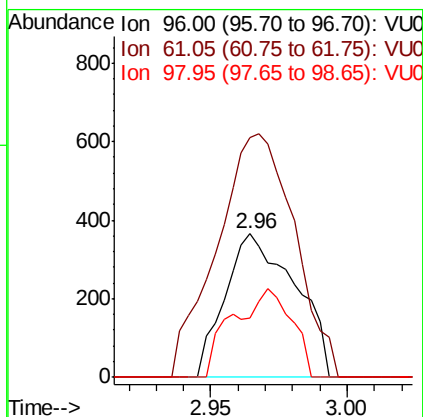
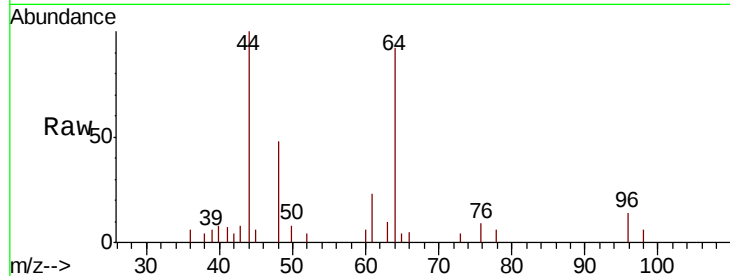




#18
trans-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 2.96 min Scan# 583
Delta R.T. -0.00 min
Lab File: VU035128.D
Acq: 12 Oct 2019 07:44

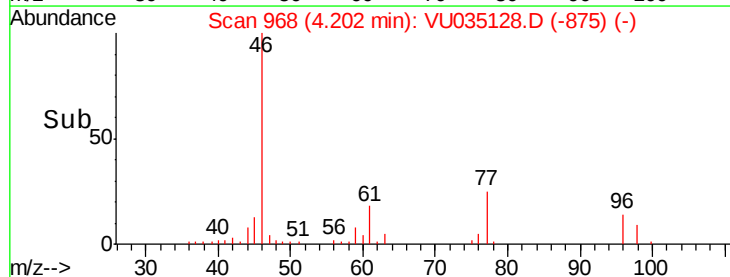
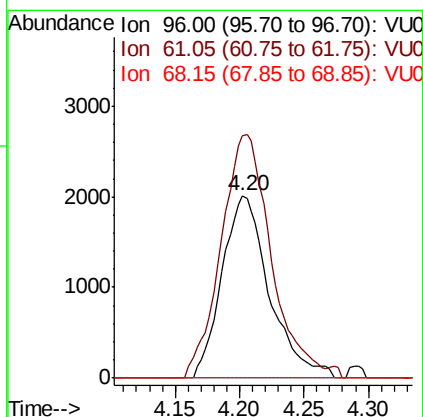
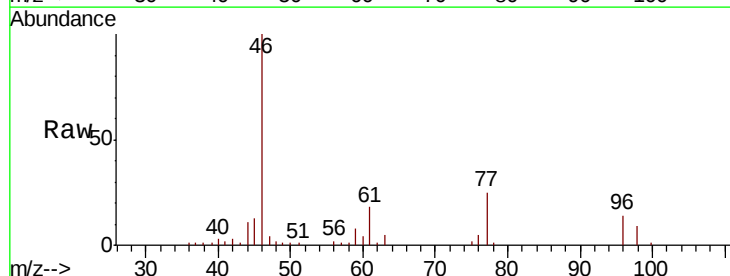
Instrument :
MSVOA_U
ClientSampleId :

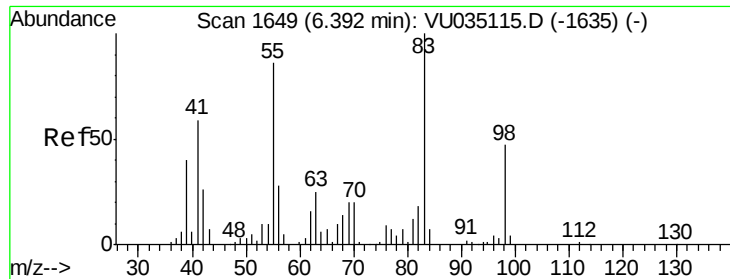
Tot Ion: 96 Resp: 651
Ion Ratio Lower Upper
96 100
61 167.1 107.1 198.9
98 41.1 45.4 84.4#



#22
cis-1,2-Dichloroethene
Concen: 0.401 ug/L
RT: 4.20 min Scan# 968
Delta R.T. -0.00 min
Lab File: VU035128.D
Acq: 12 Oct 2019 07:44

Tgt Ion: 96 Resp: 5119
Ion Ratio Lower Upper
96 100
61 132.7 89.2 165.6
68 0.0 0.0 0.0

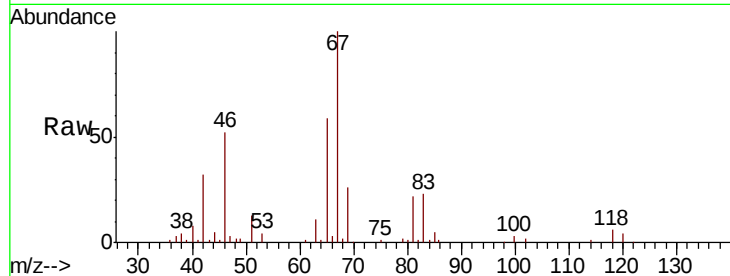




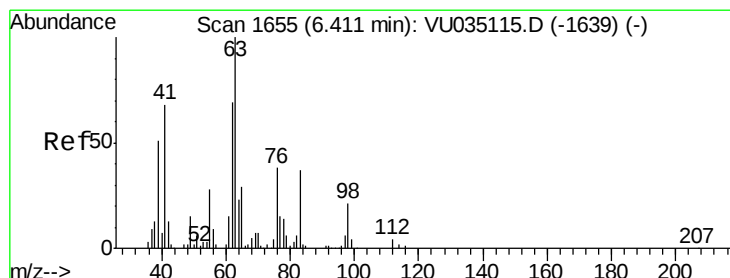
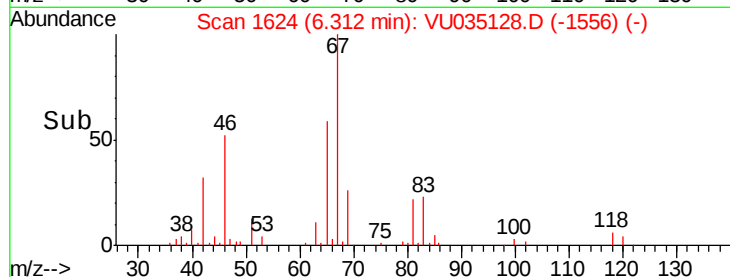
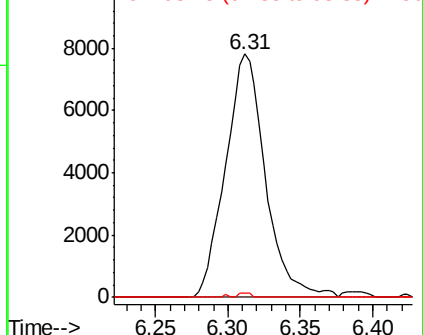
#35
Methvlcvclohexane
Concen: 0.674 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035128.D
Acq: 12 Oct 2019 07:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 14890
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.5 36.2 54.2#

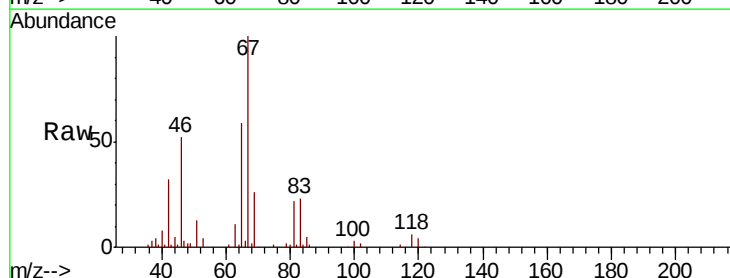


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

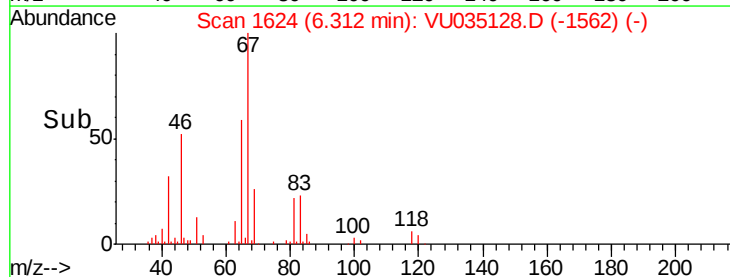
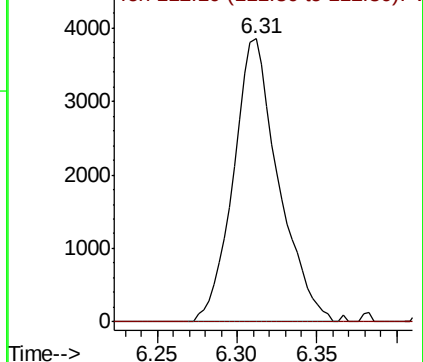


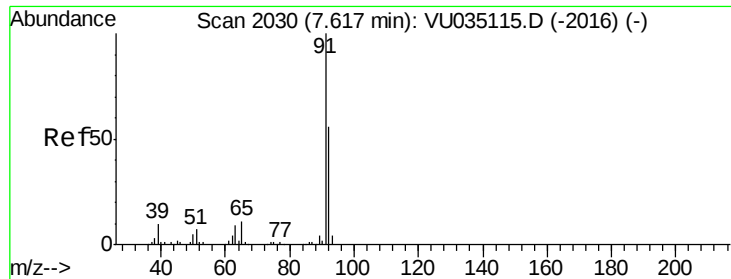
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035128.D
Acq: 12 Oct 2019 07:44

Tgt Ion: 63 Resp: 7413
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#



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





#42

Toluene

Concen: 0.123 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU035128.D

Acq: 12 Oct 2019 07:44

Instrument :

MSVOA_U

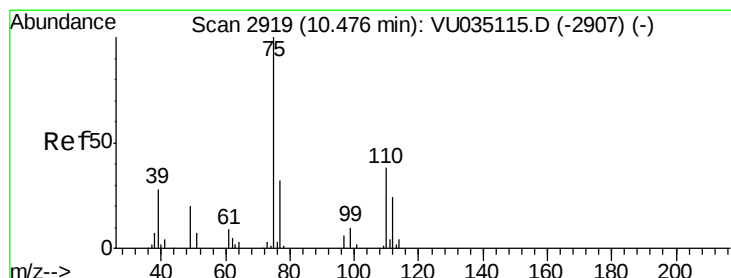
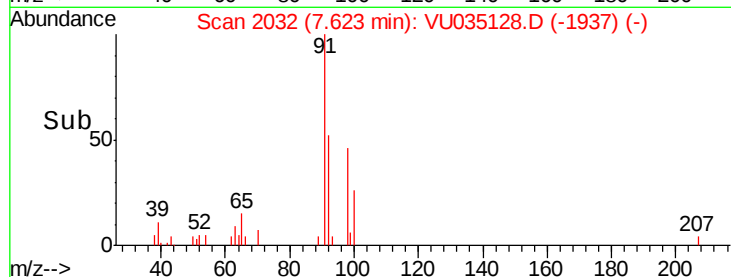
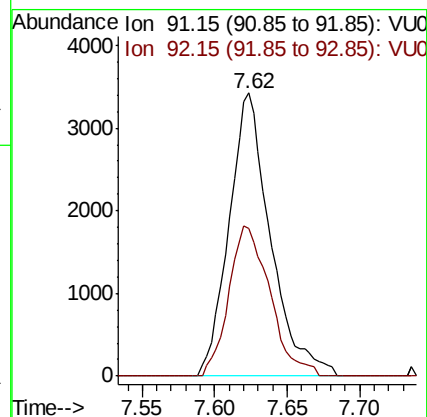
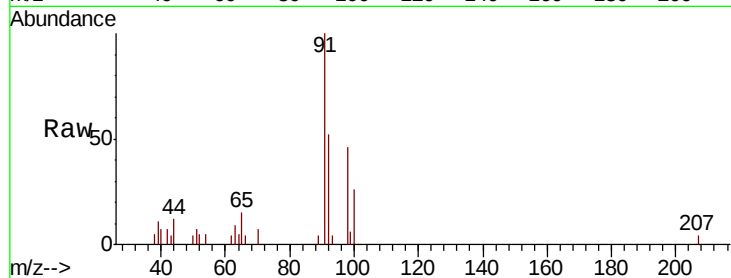
ClientSampleId :

Tot Ion: 91 Resp: 6781

Ion Ratio Lower Upper

91 100

92 52.3 40.0 74.2



#59

1,2,3-Trichloropropane

Concen: 0.941 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035128.D

Acq: 12 Oct 2019 07:44

Tgt Ion: 75 Resp: 8684

Ion Ratio Lower Upper

75 100

77 35.9 26.5 39.7

