

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035902.D
 Acq On : 27 Nov 2019 18:11
 Operator : JC/SP
 Sample : K5992-12DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:02:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	219258	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97198	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	131739	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	121886	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	158497	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.69	46	337797	50.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	5.11	84	231658	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.75	65	132054	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.77	84	433493	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.73	67	154013	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.93	98	337561	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	8.22	79	51399	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	249760	47.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	125821	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	105935	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

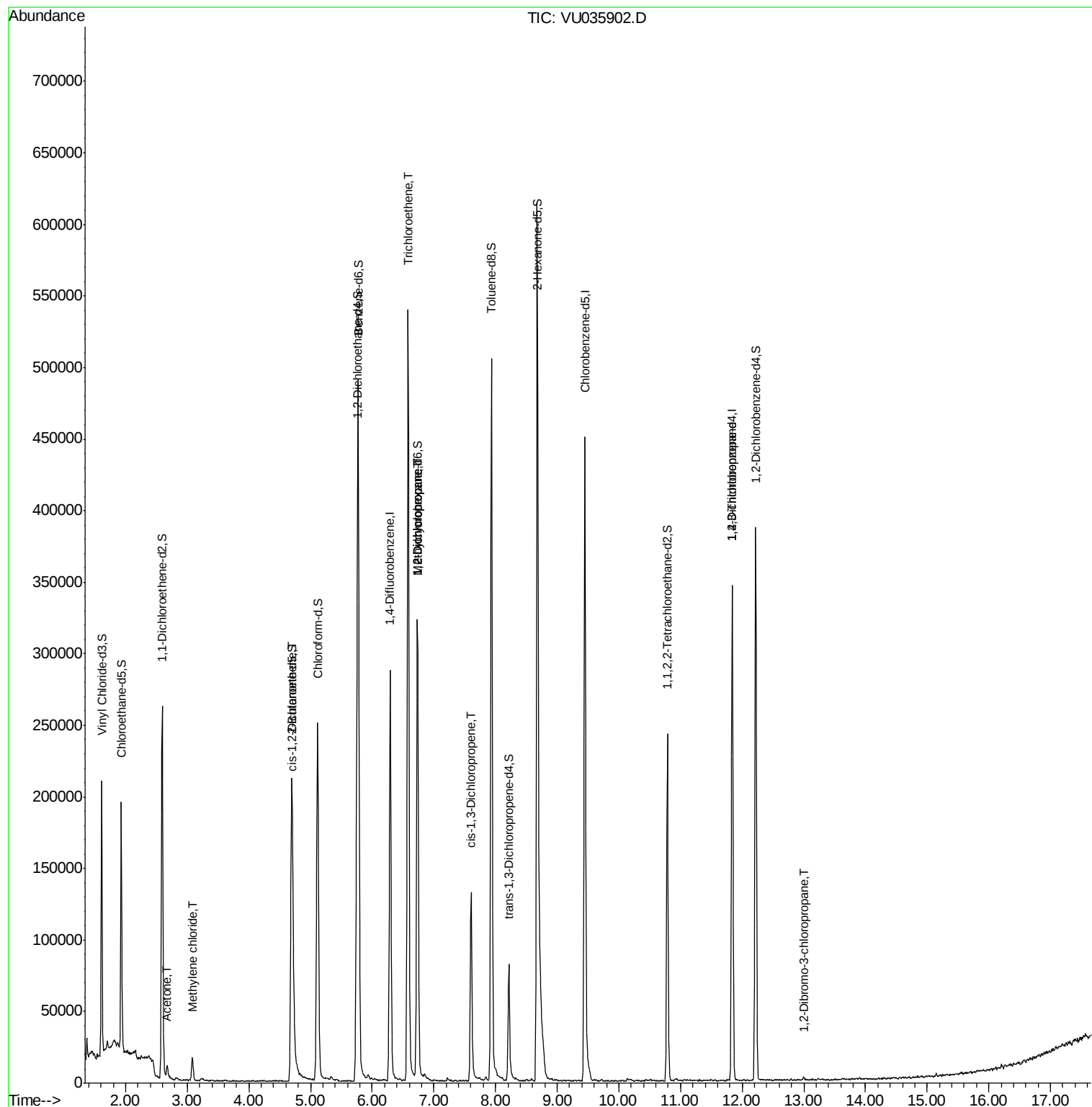
					Ovalue
13) Acetone	2.67	43	11280	1.938	ug/L 99
16) Methylene chloride	3.08	84	7412	0.269	ug/L 93
22) cis-1,2-Dichloroethene	4.72	96	8877	0.355	ug/L 90
34) Trichloroethene	6.58	95	192104	7.181	ug/L 97
35) Methylcyclohexane	6.73	83	33702	0.858	ug/L # 14
37) 1,2-Dichloropropane	6.73	63	16694	0.539	ug/L # 90
39) cis-1,3-Dichloropropene	7.61	75	3778	0.094	ug/L # 59
59) 1,2,3-Trichloropropane	11.84	75	12933	0.643	ug/L 95
66) 1,2-Dibromo-3-chloropropan	12.99	75	341	0.124	ug/L # 10

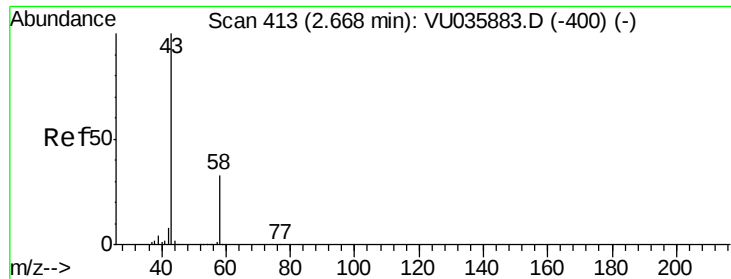
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 28 04:57:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.938 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU035902.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_U

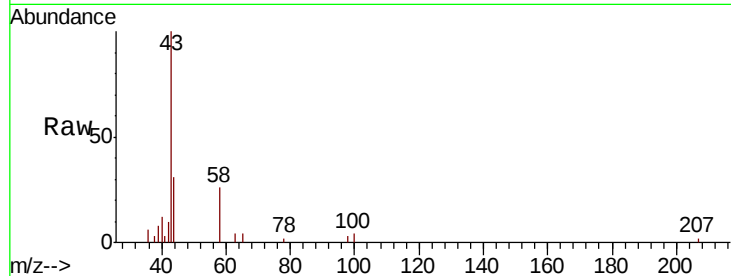
ClientSampleId :

Tot Ion: 43 Resp: 11280

Ion Ratio Lower Upper

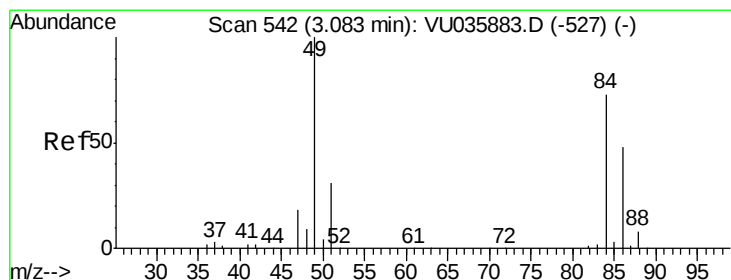
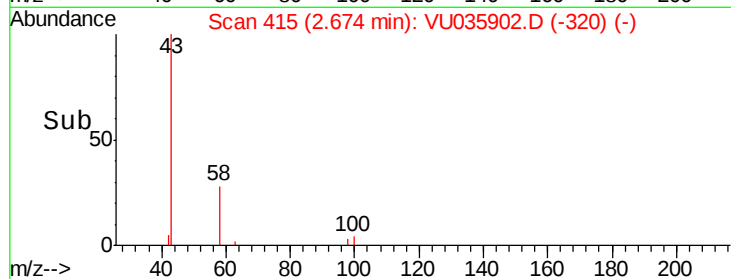
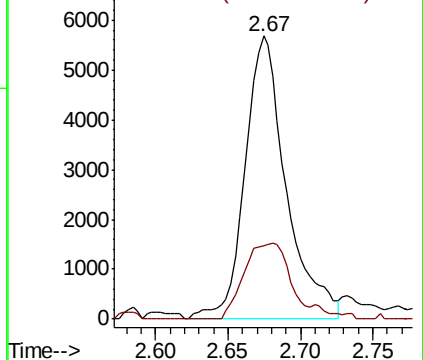
43 100

58 30.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035883.D (-400) (-)



#16

Methylene chloride

Concen: 0.269 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035902.D

Acq: 27 Nov 2019 18:11

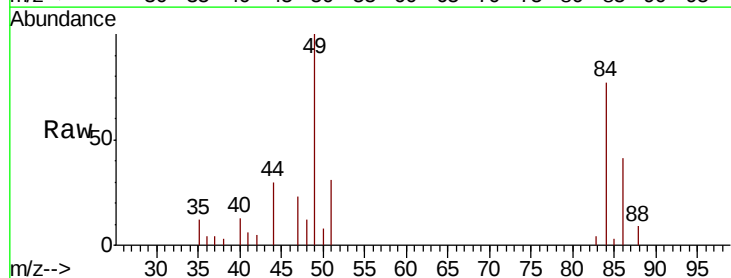
Tgt Ion: 84 Resp: 7412

Ion Ratio Lower Upper

84 100

86 53.4 44.4 82.5

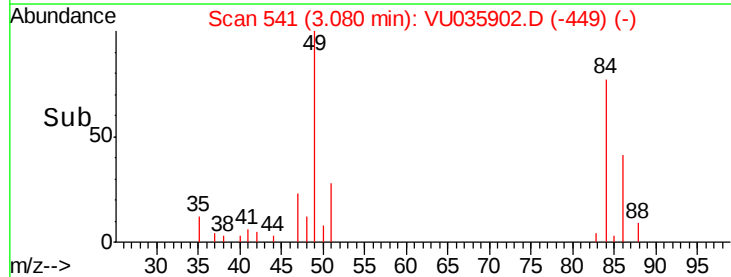
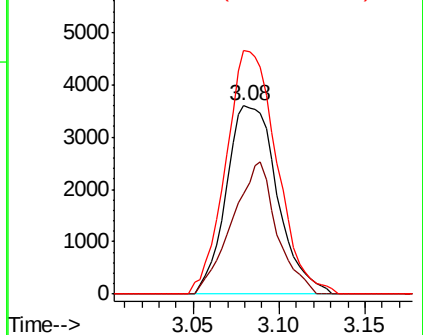
49 129.4 94.0 174.6

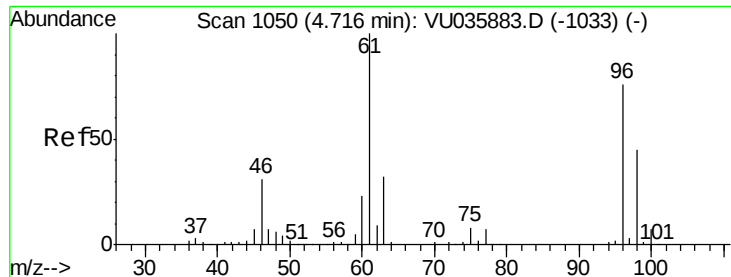


Abundance Ion 84.05 (83.75 to 84.75): VU035883.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU035883.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU035883.D (-527) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.355 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035902.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

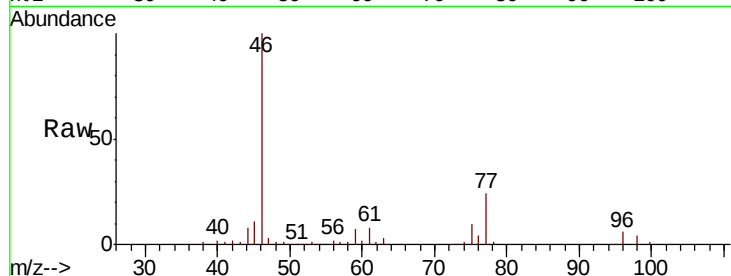
Tot Ion: 96 Resp: 8877

Ion Ratio Lower Upper

96 100

61 128.3 98.1 182.1

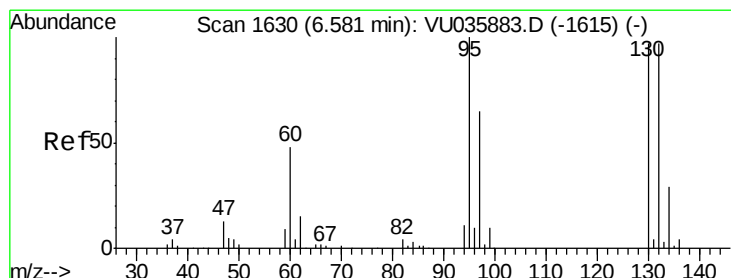
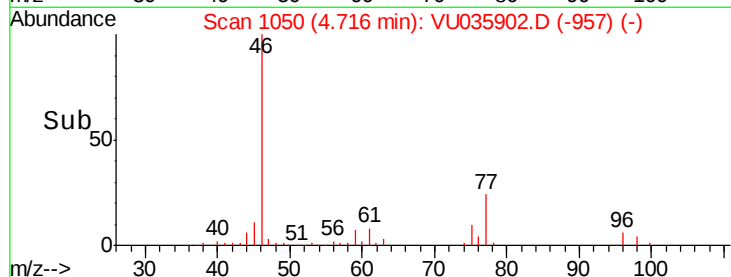
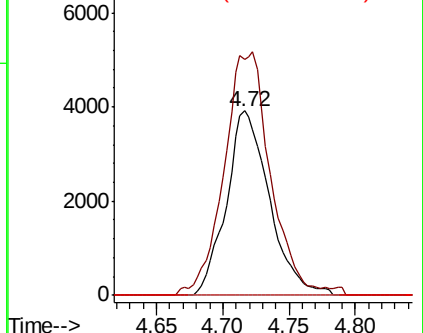
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035883.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035883.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035883.D (-1033) (-)



#34

Trichloroethene

Concen: 7.181 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035902.D

Acq: 27 Nov 2019 18:11

Tgt Ion: 95 Resp: 192104

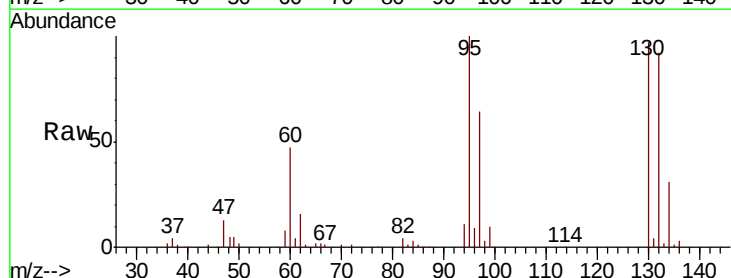
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.9

132 92.4 61.9 114.9

130 97.1 66.3 123.1

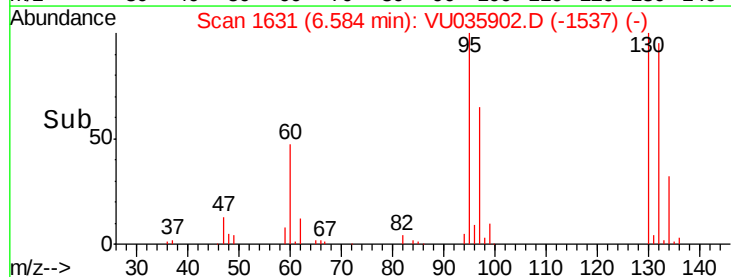
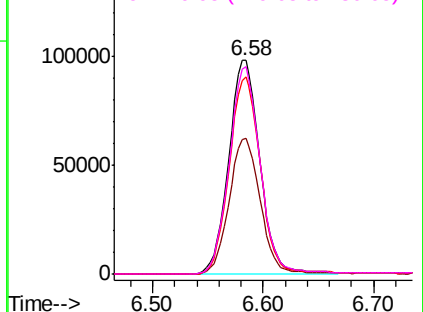


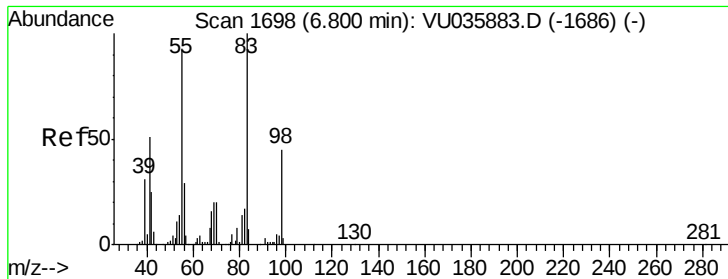
Abundance Ion 95.00 (94.70 to 95.70): VU035883.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035883.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035883.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035883.D (-1615) (-)

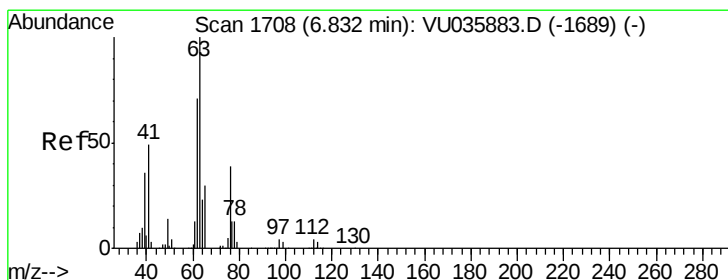
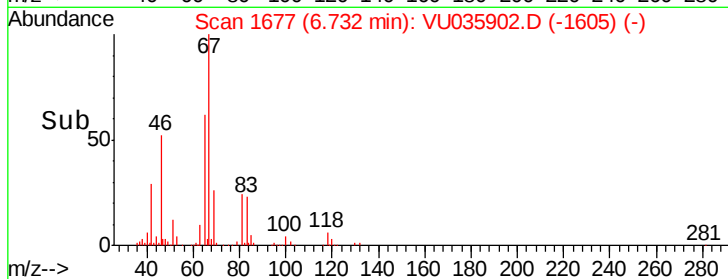
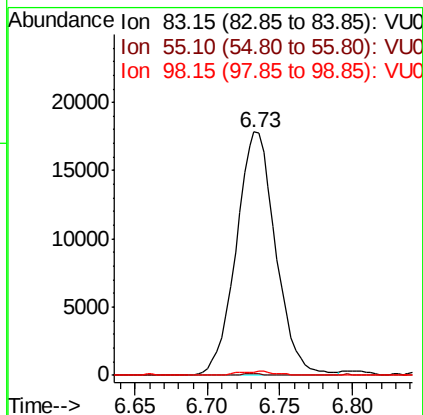
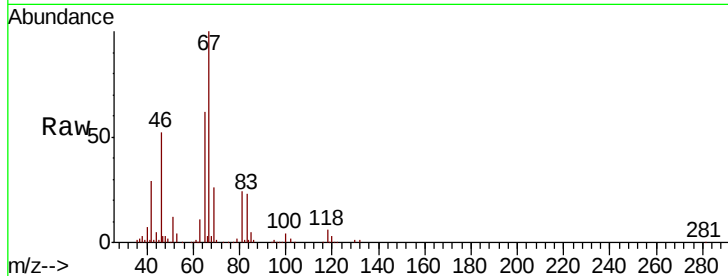




#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035902.D
Acq: 27 Nov 2019 18:11

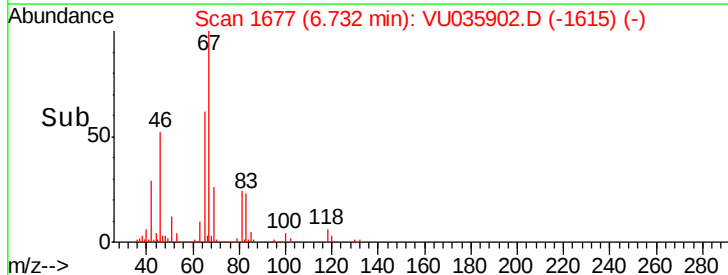
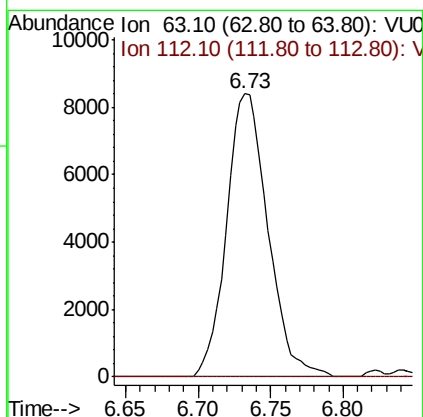
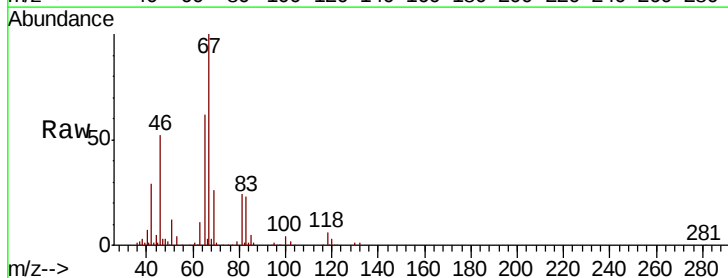
Instrument :
MSVOA_U
ClientSampleId :

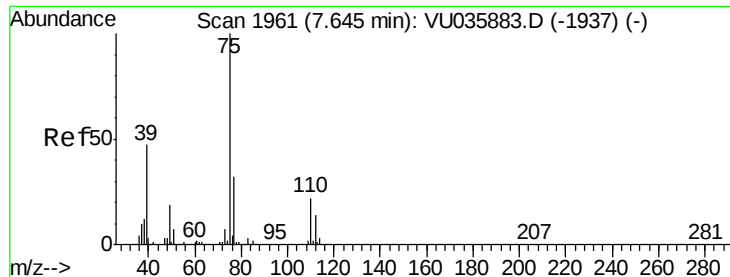
Tot Ion: 83 Resp: 33702
Ion Ratio Lower Upper
83 100
55 0.3 72.7 109.1#
98 1.0 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035902.D
Acq: 27 Nov 2019 18:11

Tgt Ion: 63 Resp: 16694
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#



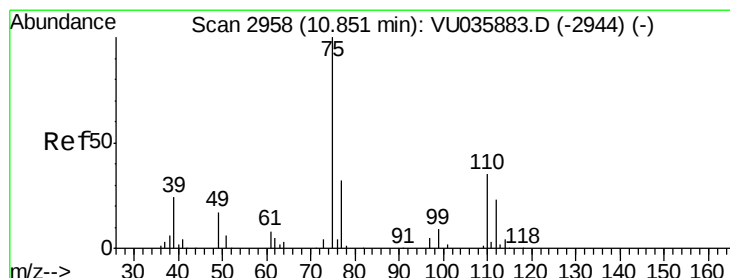
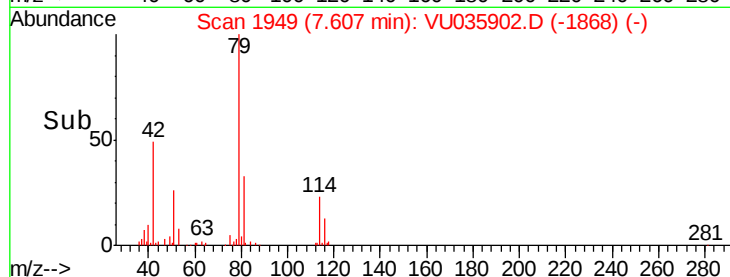
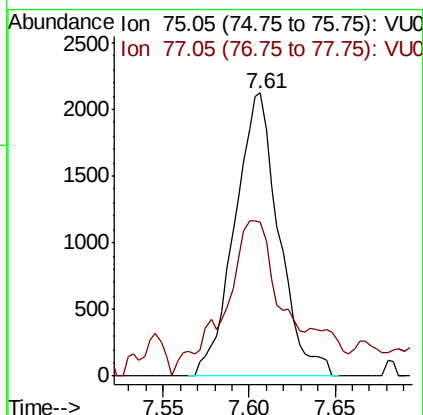
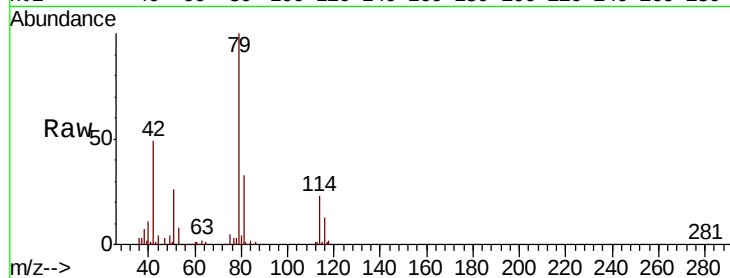


#39

cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035902.D
Acq: 27 Nov 2019 18:11

Instrument :
MSVOA_U
ClientSampleId :

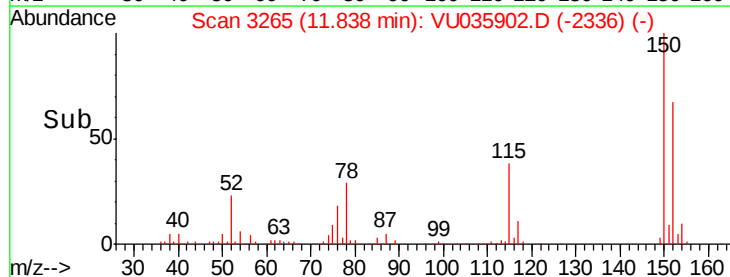
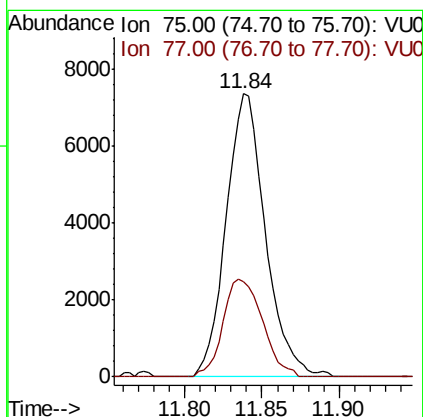
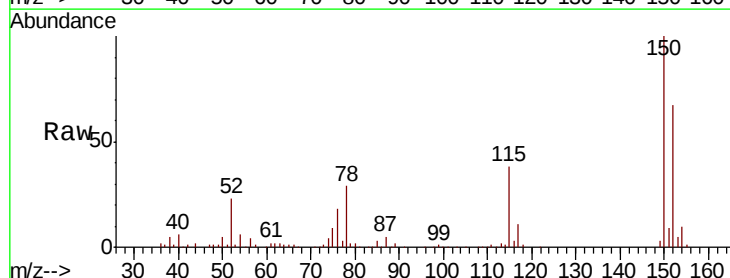
Tot Ion: 75 Resp: 3778
Ion Ratio Lower Upper
75 100
77 54.2 22.1 41.1#

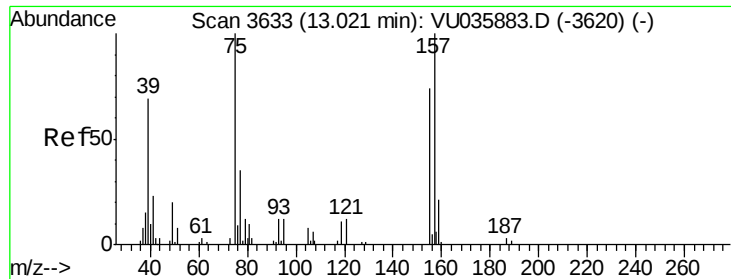


#59

1,2,3-Trichloropropane
Concen: 0.643 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU035902.D
Acq: 27 Nov 2019 18:11

Tgt Ion: 75 Resp: 12933
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.2





#66

1,2-Dibromo-3-chloropropane

Concen: 0.124 ug/L

RT: 12.99 min Scan# 3624

Delta R.T. -0.03 min

Lab File: VU035902.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

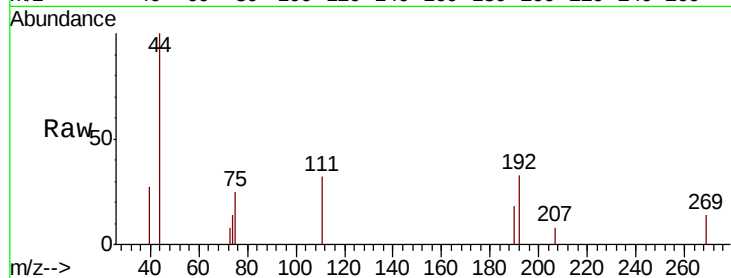
Tot Ion: 75 Resp: 341

Ion Ratio Lower Upper

75 100

155 0.0 55.4 83.2#

157 0.0 69.4 104.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

