

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040156.D
 Acq On : 16 Sep 2020 18:23
 Operator : SY/MD
 Sample : L4041-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB8

Quant Time: Sep 17 01:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100213	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41286	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26560	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	24526	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	46505	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	102149	46.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	5.08	84	55190	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.72	65	38323	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	108411	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	36801	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	83551	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.19	79	14339	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.64	63	70252	41.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31919	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	33876	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

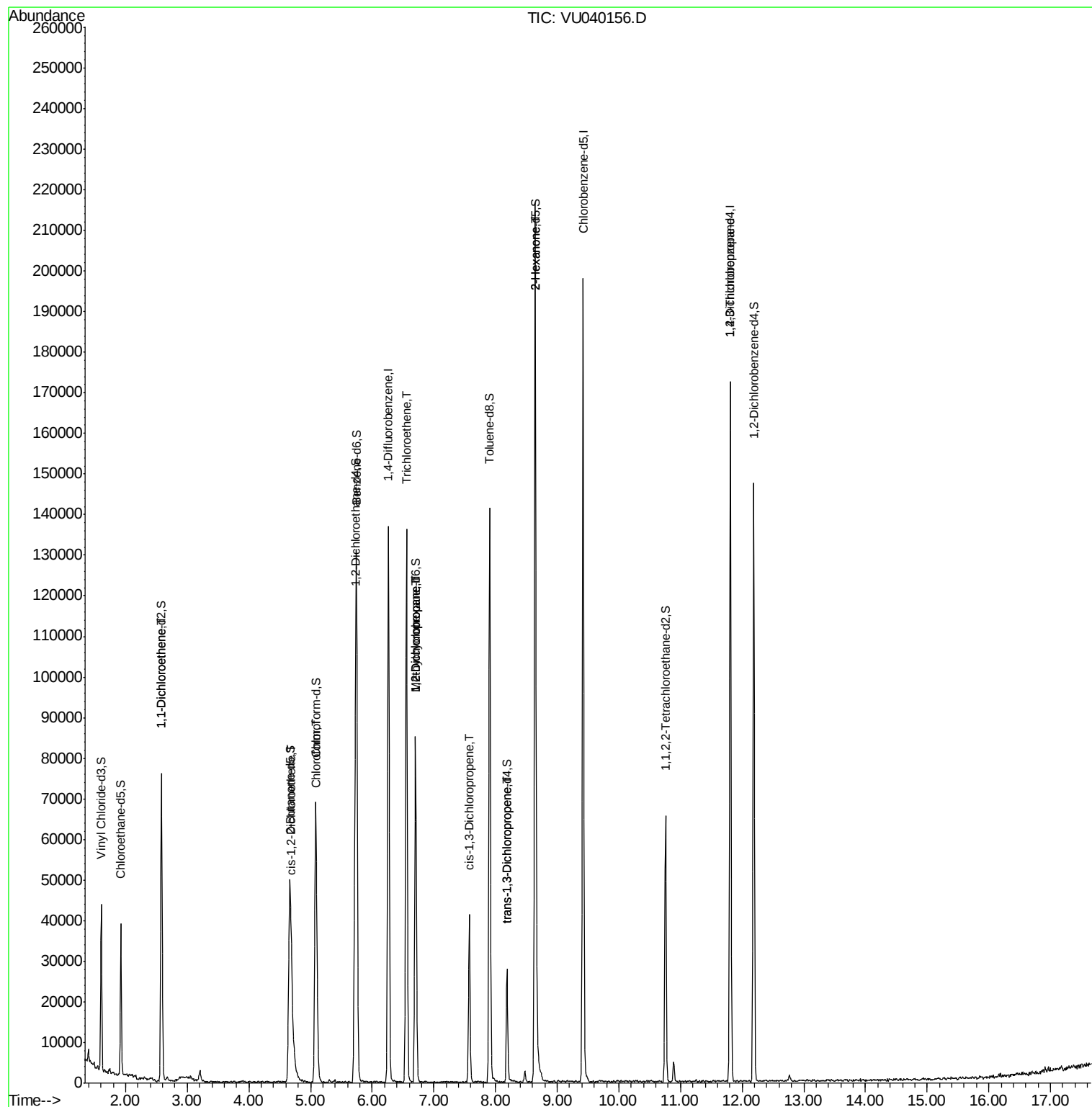
					Ovalue
12) 1,1-Dichloroethene	2.59	96	2445	0.315 ug/L #	1
22) cis-1,2-Dichloroethene	4.69	96	766	0.085 ug/L #	34
25) Chloroform	5.10	83	7682	0.437 ug/L	93
34) Trichloroethene	6.56	95	44193	4.520 ug/L	98
35) Methylcyclohexane	6.70	83	8708	0.582 ug/L #	21
37) 1,2-Dichloropropane	6.71	63	4446	0.450 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1160	0.080 ug/L #	60
44) trans-1,3-Dichloropropene	8.19	75	718	0.053 ug/L #	30
48) 2-Hexanone	8.64	43	10885	1.843 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	6425	0.879 ug/L #	87

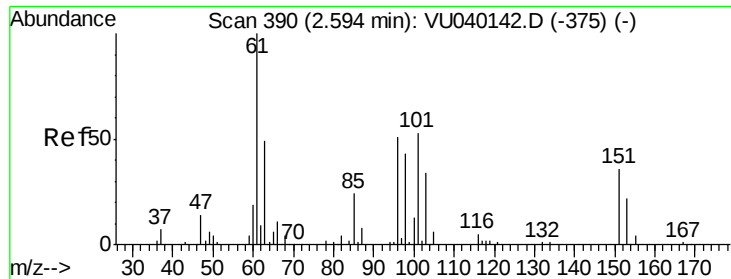
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040156.D

Acq: 16 Sep 2020 18:23

Instrument :

MSVOA_U

ClientSampleId :

C0AB8

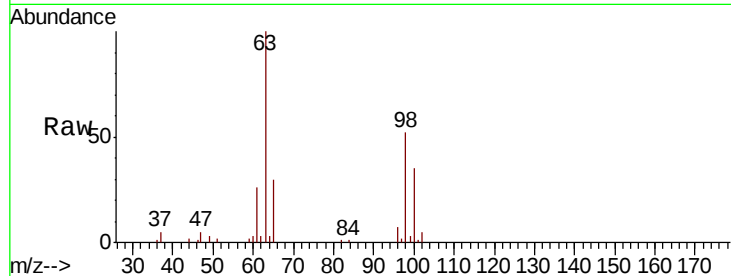
Tot Ion: 96 Resp: 2445

Ion Ratio Lower Upper

96 100

61 349.8 138.3 256.8#

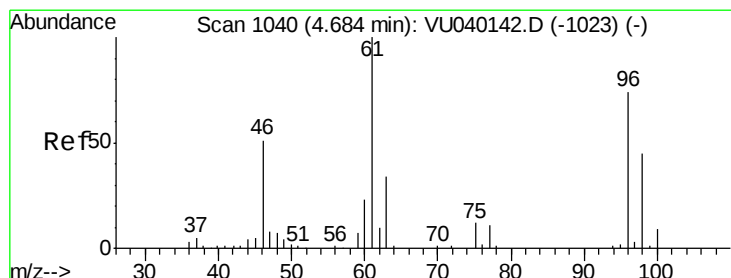
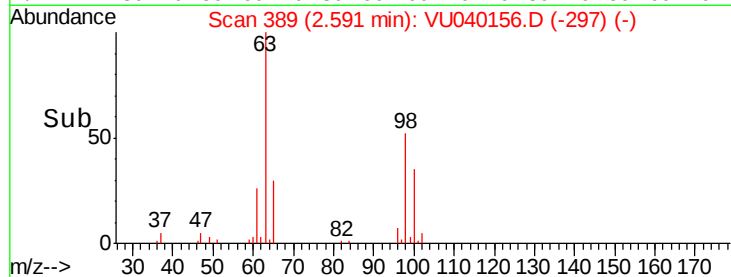
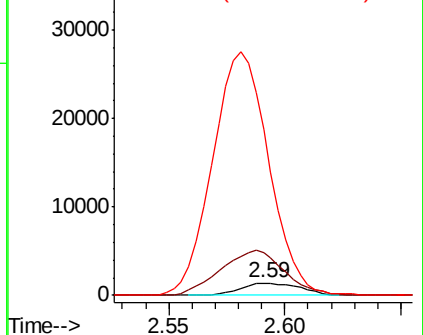
63 1342.5 77.6 144.2#



Abundance Ion 96.00 (95.70 to 96.70): VU040156.D (-297) (-)

Ion 61.05 (60.75 to 61.75): VU040156.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VU040156.D (-297) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.085 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040156.D

Acq: 16 Sep 2020 18:23

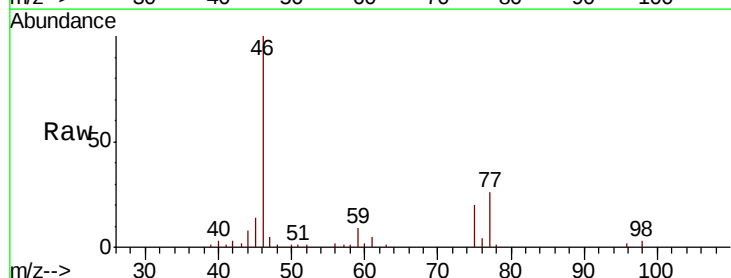
Tgt Ion: 96 Resp: 766

Ion Ratio Lower Upper

96 100

61 221.7 98.8 183.4#

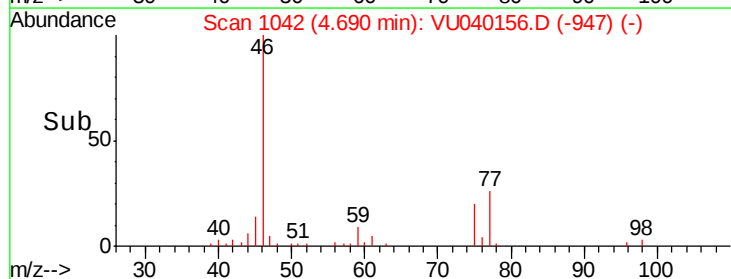
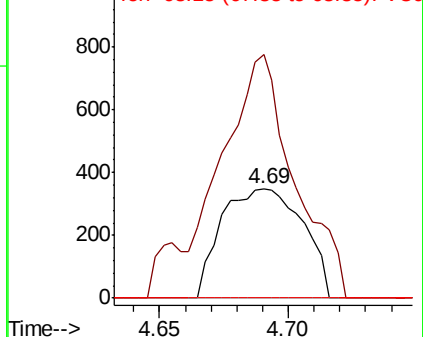
68 0.0 0.0 0.0

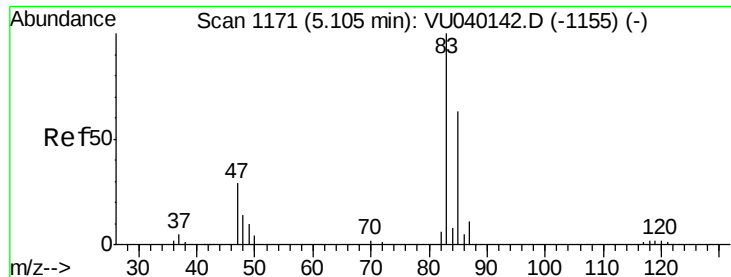


Abundance Ion 96.00 (95.70 to 96.70): VU040156.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040156.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040156.D (-947) (-)

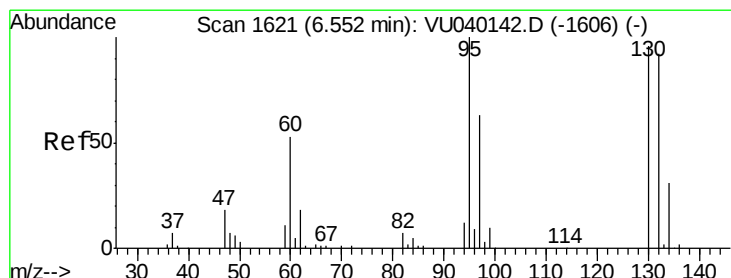
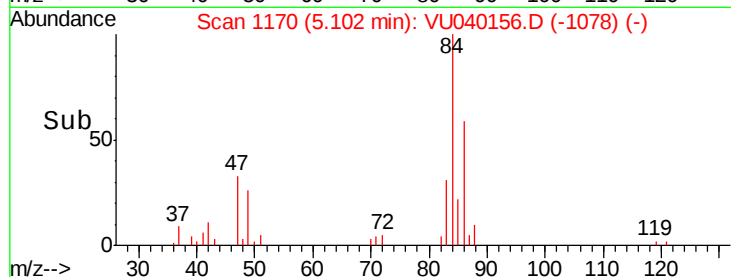
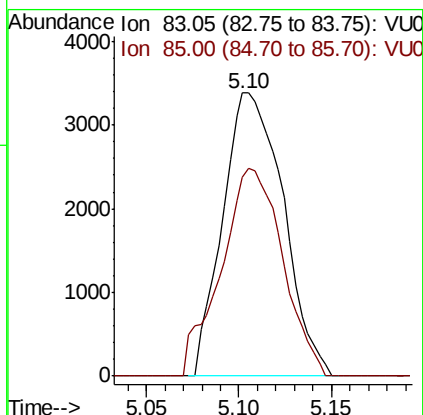
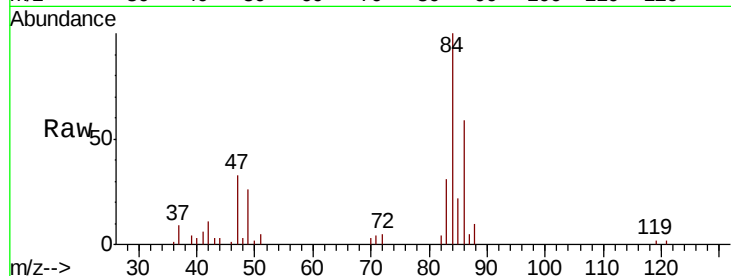




#25
Chloroform
Concen: 0.437 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040156.D
Acq: 16 Sep 2020 18:23

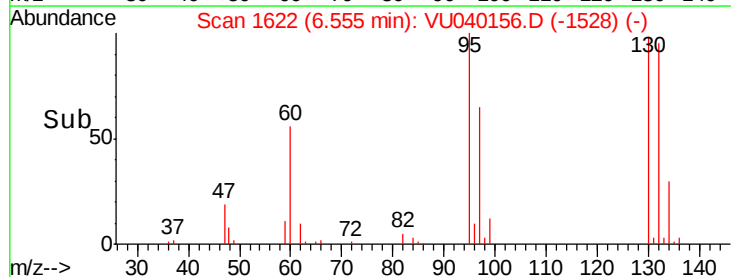
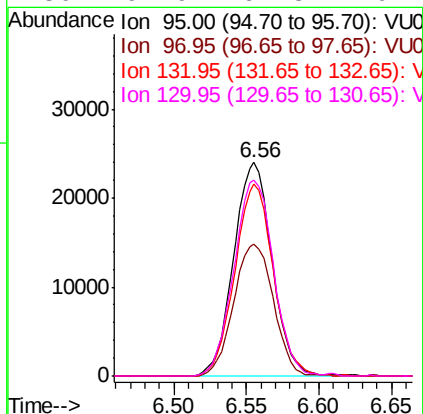
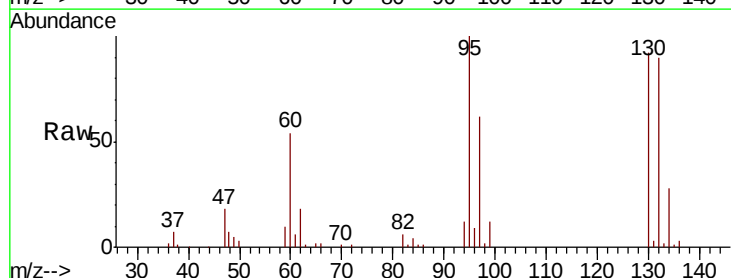
Instrument :
MSVOA_U
ClientSampleId :
C0AB8

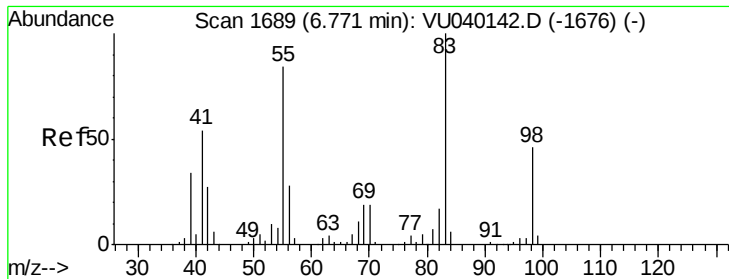
Tot Ion: 83 Resp: 7682
Ion Ratio Lower Upper
83 100
85 70.4 45.3 84.1



#34
Trichloroethene
Concen: 4.520 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040156.D
Acq: 16 Sep 2020 18:23

Tgt Ion: 95 Resp: 44193
Ion Ratio Lower Upper
95 100
97 61.6 43.3 80.5
132 90.0 59.4 110.4
130 91.9 64.8 120.4

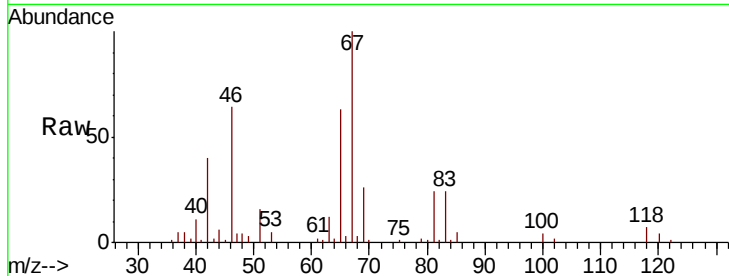




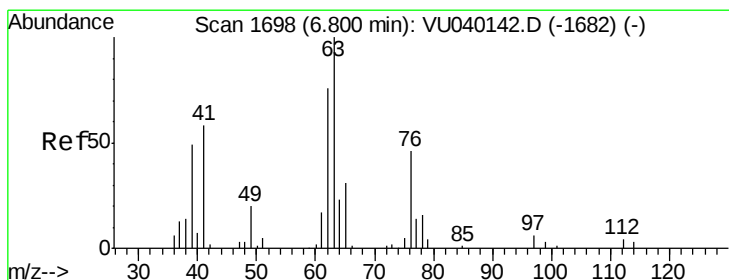
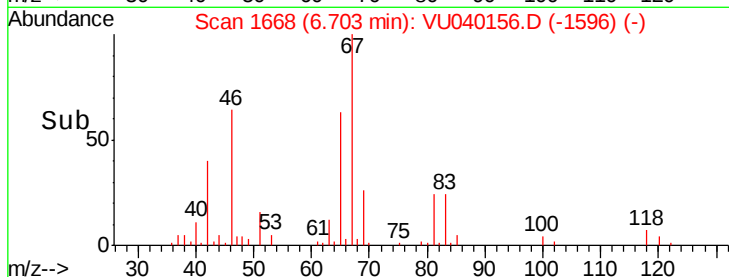
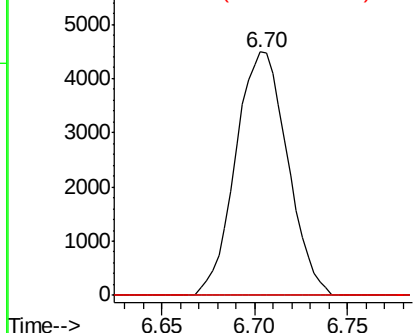
#35
Methvlcvclohexane
Concen: 0.582 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040156.D
Acq: 16 Sep 2020 18:23

Instrument :
MSVOA_U
ClientSampleId :
C0AB8

Tot Ion: 83 Resp: 8708
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 14.5 37.8 56.6#

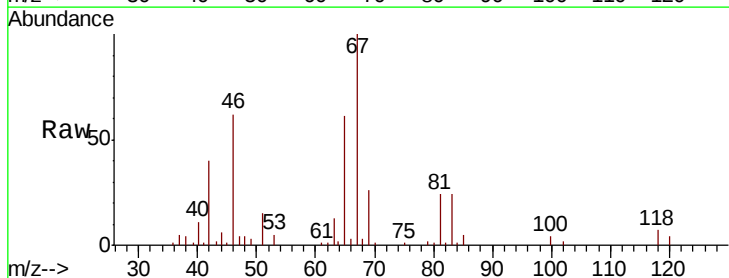


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

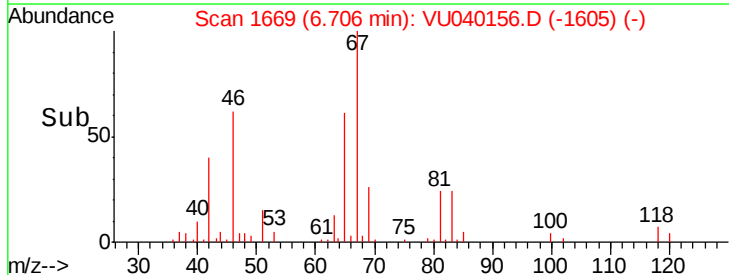
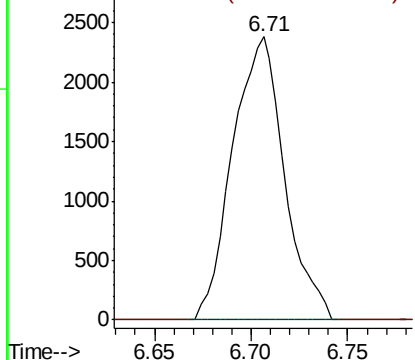


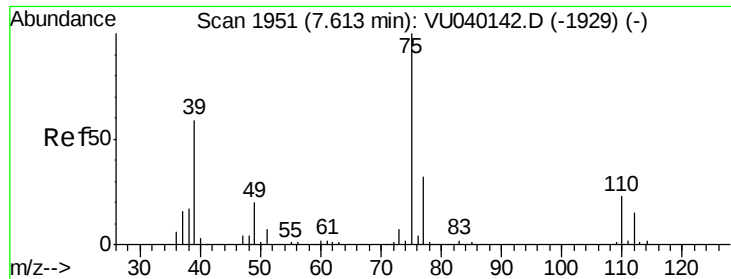
#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040156.D
Acq: 16 Sep 2020 18:23

Tgt Ion: 63 Resp: 4446
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

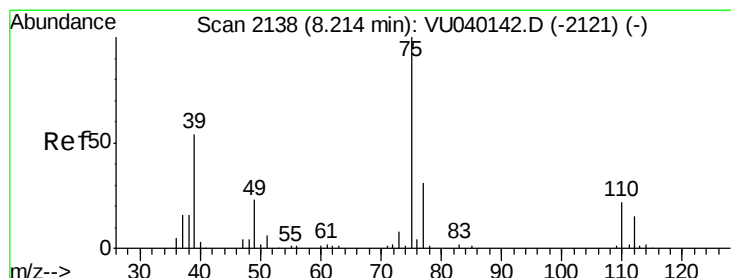
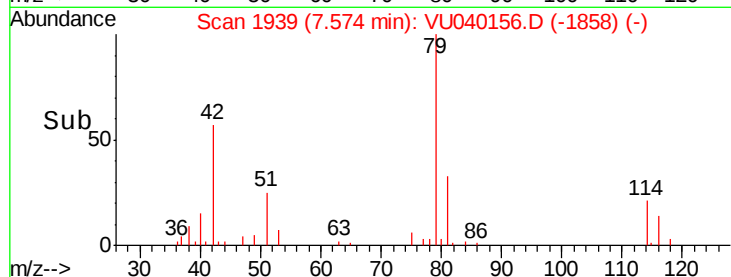
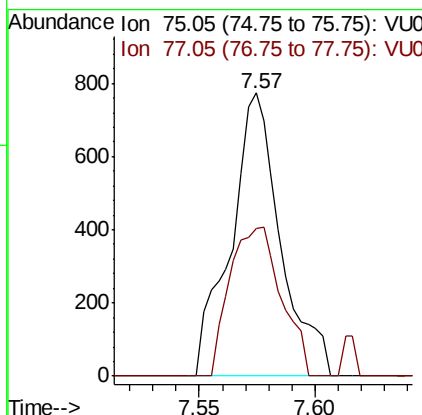
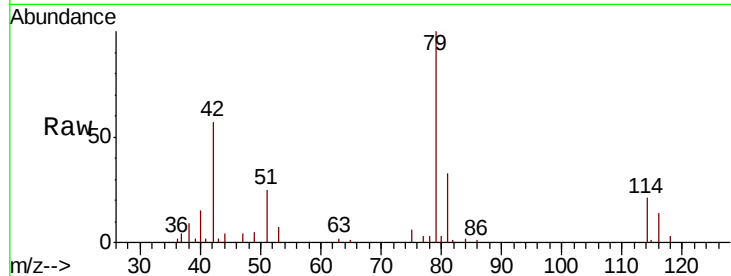




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040156.D
 Acq: 16 Sep 2020 18:23

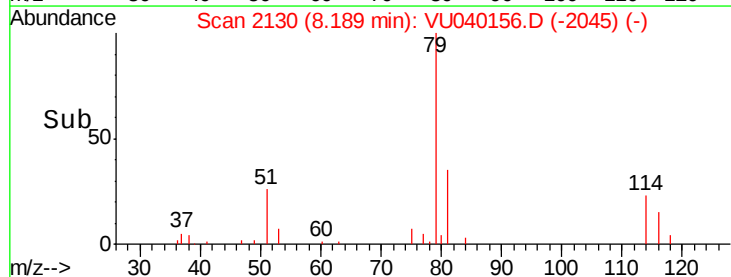
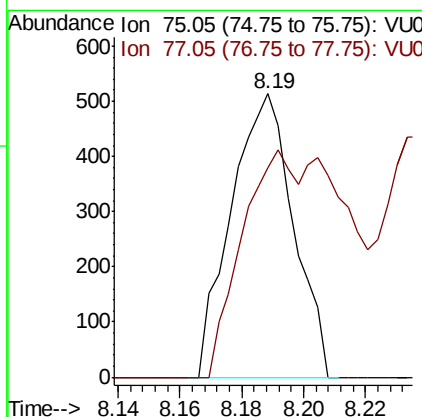
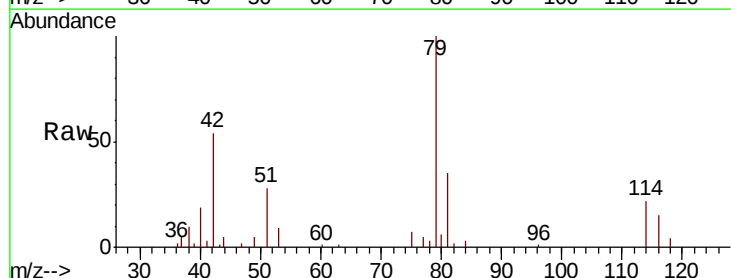
Instrument :
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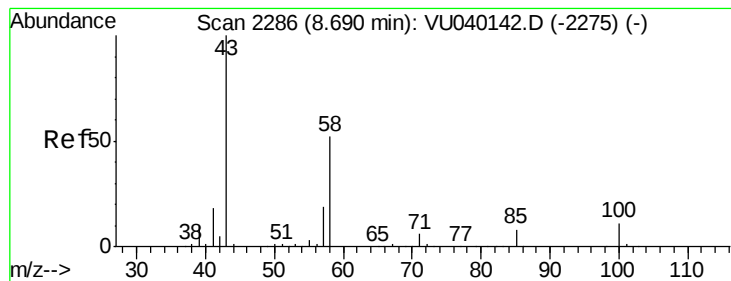
Tot Ion: 75 Resp: 1160
 Ion Ratio Lower Upper
 75 100
 77 52.0 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.053 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040156.D
 Acq: 16 Sep 2020 18:23

Tgt Ion: 75 Resp: 718
 Ion Ratio Lower Upper
 75 100
 77 74.1 23.9 44.3#





#48

2-Hexanone

Concen: 1.843 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040156.D

Acq: 16 Sep 2020 18:23

Instrument :

MSVOA_U

ClientSampleId :

C0AB8

Tot Ion: 43 Resp: 10885

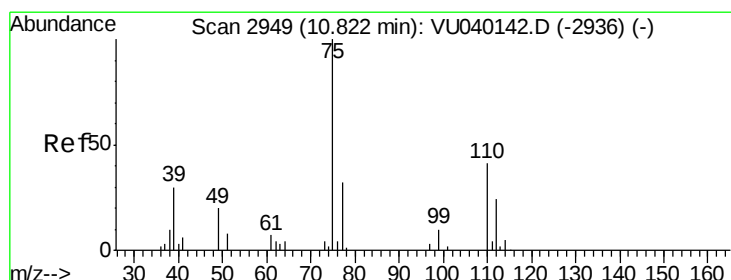
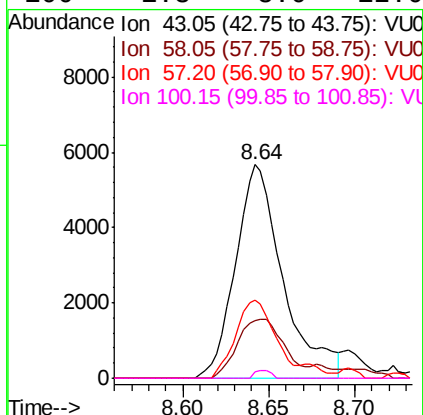
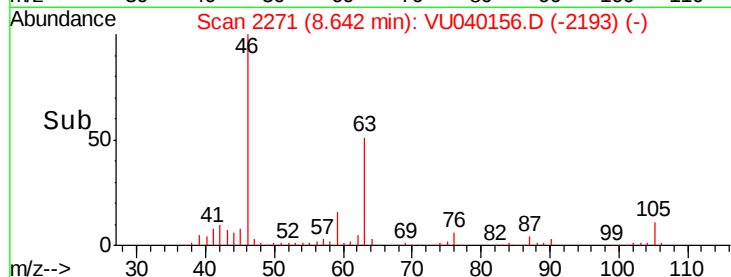
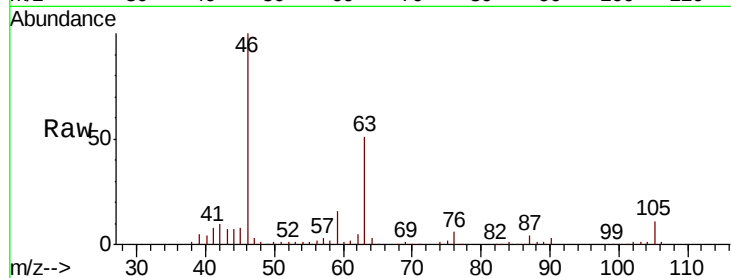
Ion Ratio Lower Upper

43 100

58 26.9 39.6 59.4#

57 30.4 14.3 21.5#

100 1.3 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 0.879 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040156.D

Acq: 16 Sep 2020 18:23

Tgt Ion: 75 Resp: 6425

Ion Ratio Lower Upper

75 100

77 38.1 24.9 37.3#

