

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041535.D
 Acq On : 10 Dec 2020 14:44
 Operator : SY/MD
 Sample : L4995-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ3

Quant Time: Dec 11 06:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	41391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	35914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	14224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7242	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.92	69	8031	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	15420	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.66	46	35972	45.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	5.08	84	29525	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	19859	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.74	84	41527	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.70	67	11605	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	33808	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	6905	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.64	63	25721	44.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10528	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	12406	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

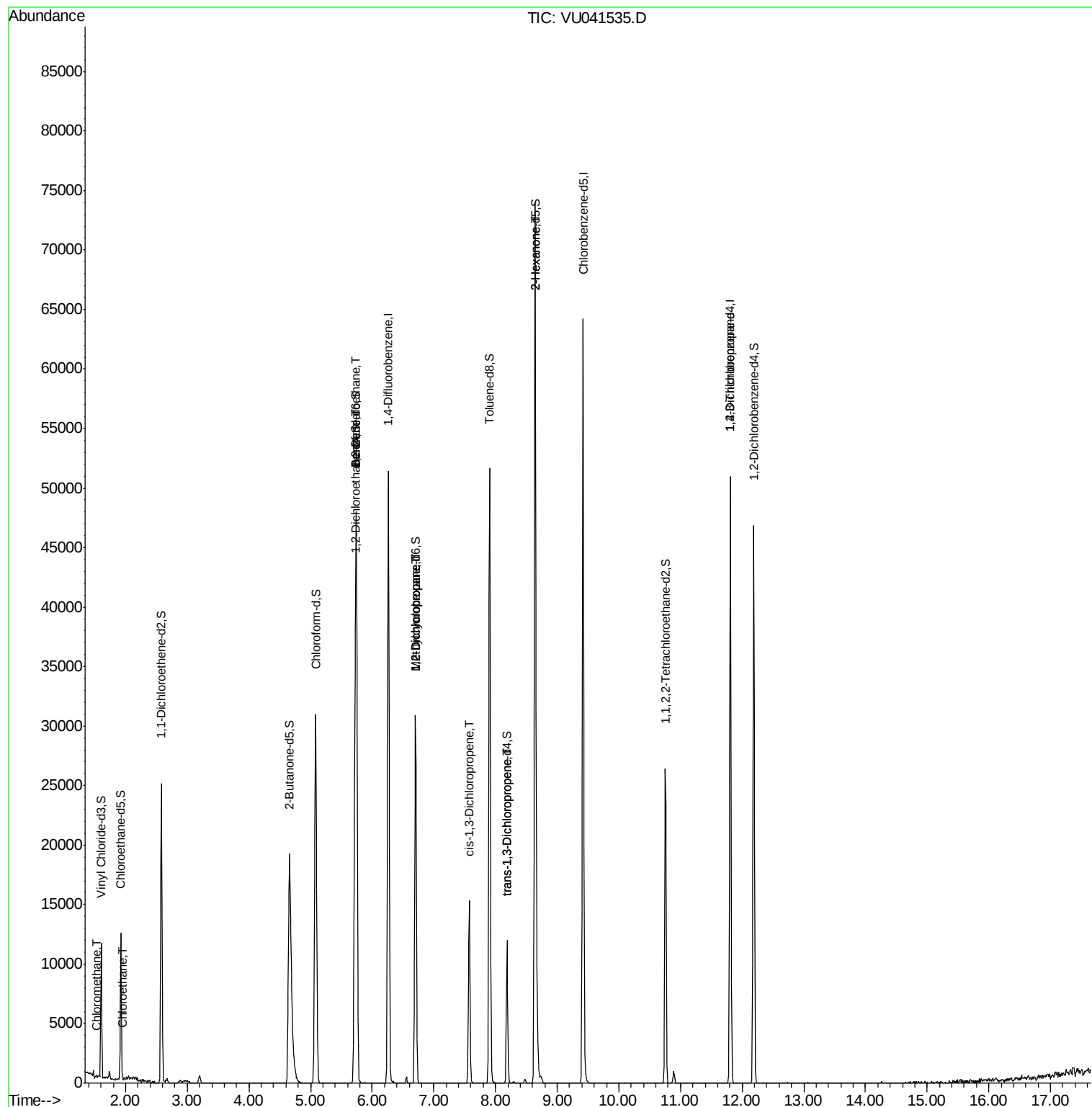
					Ovalue
3) Chloromethane	1.53	50	114	0.048 ug/L #	41
8) Chloroethane	1.95	64	204	0.111 ug/L #	45
27) 1,2-Dichloroethane	5.73	62	139	0.031 ug/L #	79
33) Benzene	5.74	78	229	0.026 ug/L	100
35) Methylcyclohexane	6.70	83	3655	0.999 ug/L #	17
37) 1,2-Dichloropropane	6.71	63	2046	0.982 ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	467	0.124 ug/L #	40
44) trans-1,3-Dichloropropene	8.19	75	277	0.074 ug/L #	37
48) 2-Hexanone	8.64	43	4008	2.989 ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	1116	0.552 ug/L #	64

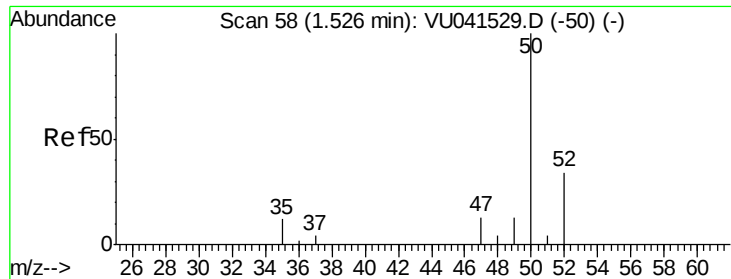
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 06:06:19 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.048 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041535.D

Acq: 10 Dec 2020 14:44

Instrument :

MSVOA_U

ClientSampleId :

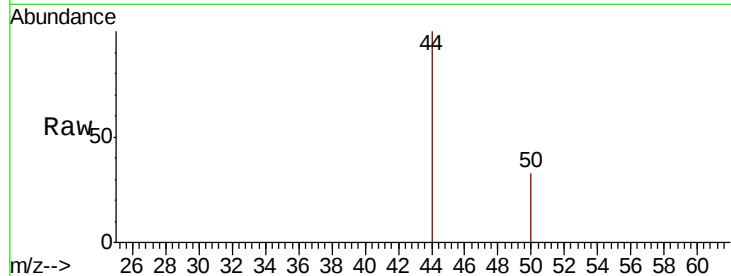
C0AQ3

Tot Ion: 50 Resp: 114

Ion Ratio Lower Upper

50 100

52 0.0 23.3 43.3#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

150

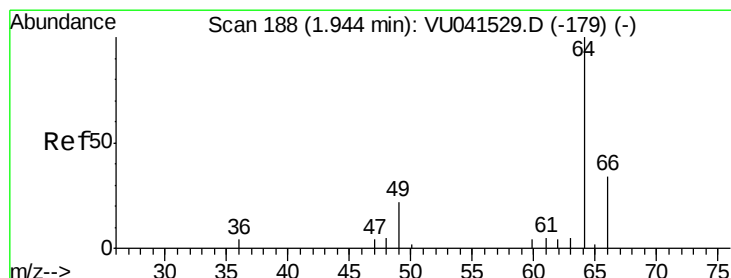
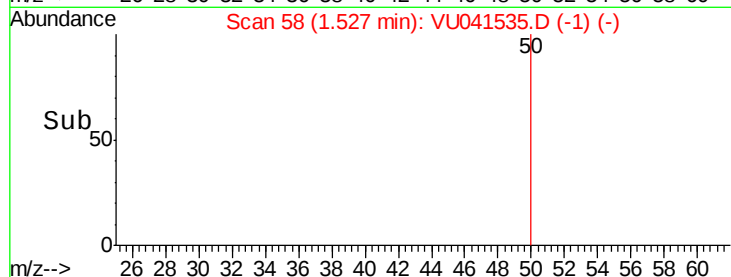
100

50

0

1.51 1.52 1.53 1.54

Time-->



#8

Chloroethane

Concen: 0.111 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.01 min

Lab File: VU041535.D

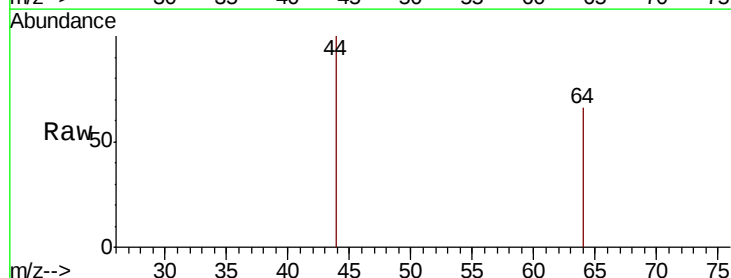
Acq: 10 Dec 2020 14:44

Tgt Ion: 64 Resp: 204

Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.95

200

150

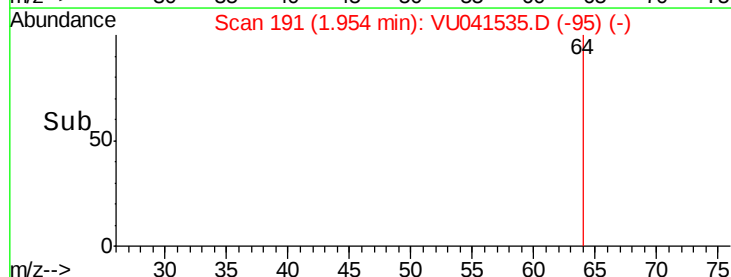
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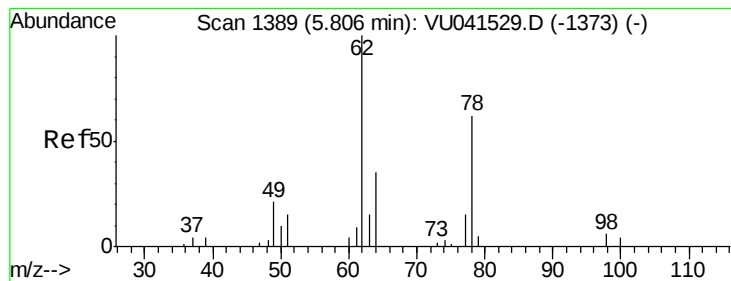
50

0

1.94 1.96

Time-->

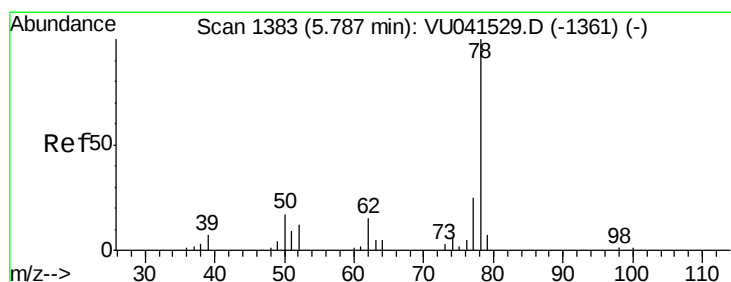
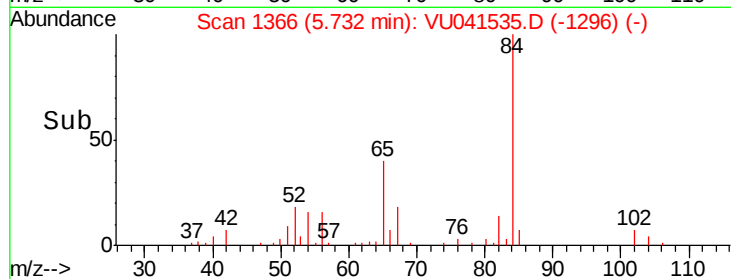
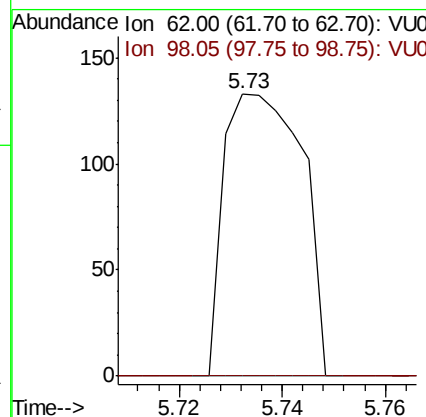
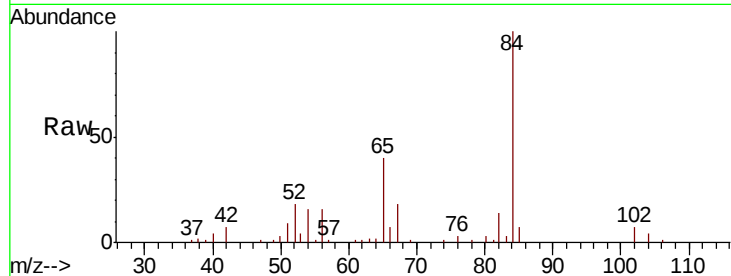




#27
 1,2-Dichloroethane
 Concen: 0.031 ug/L
 RT: 5.73 min Scan# 1366
 Delta R.T. -0.07 min
 Lab File: VU041535.D
 Acq: 10 Dec 2020 14:44

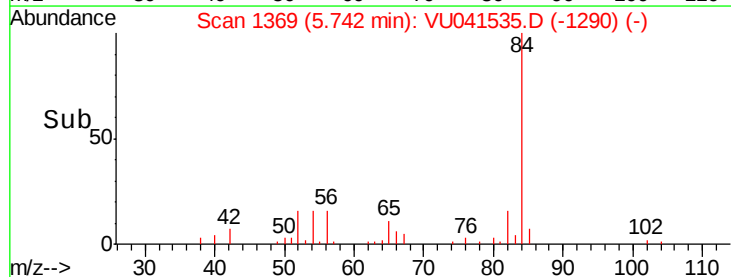
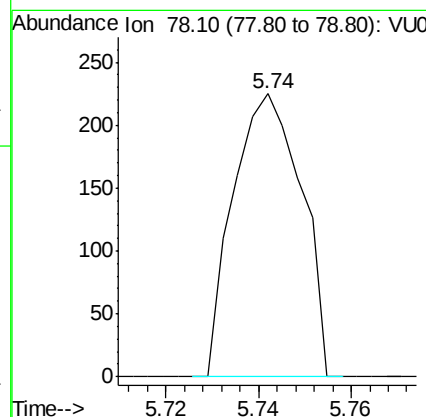
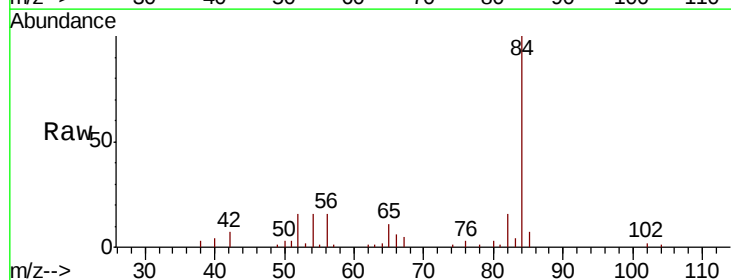
Instrument :
 MSVOA_U
 ClientSampled :
 C0AQ3

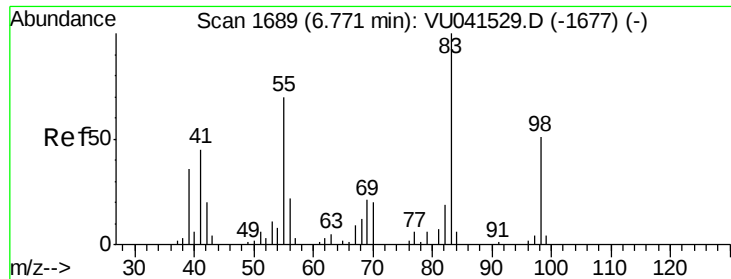
Tot Ion: 62 Resp: 139
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#33
 Benzene
 Concen: 0.026 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: VU041535.D
 Acq: 10 Dec 2020 14:44

Tgt Ion: 78 Resp: 229

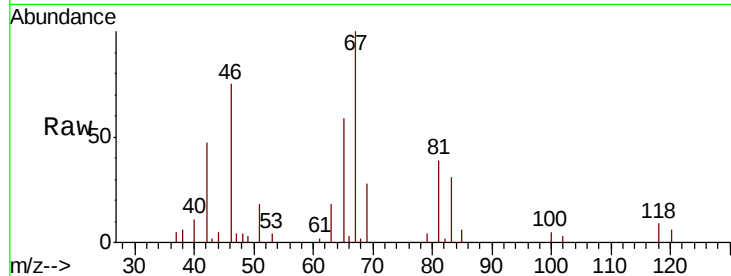




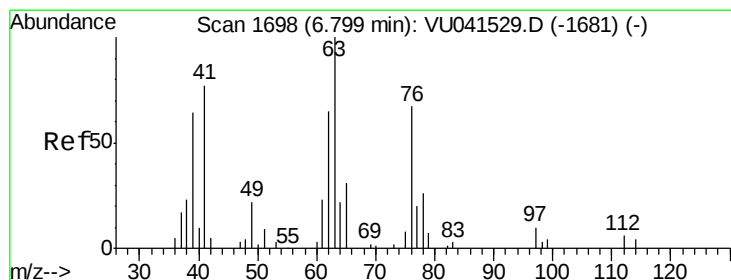
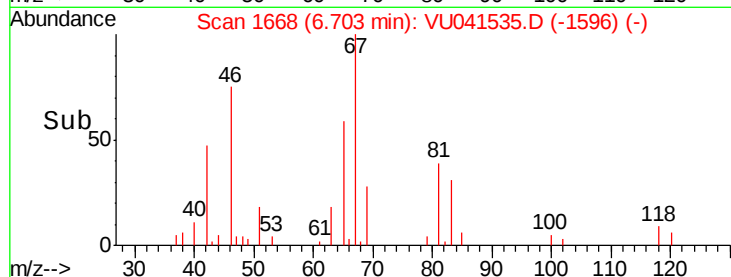
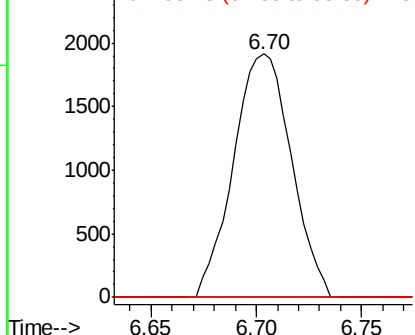
#35
Methvlcvclohexane
Concen: 0.999 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041535.D
Acq: 10 Dec 2020 14:44

Instrument :
MSVOA_U
ClientSampled :
C0AQ3

Tot Ion: 83 Resp: 3655
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

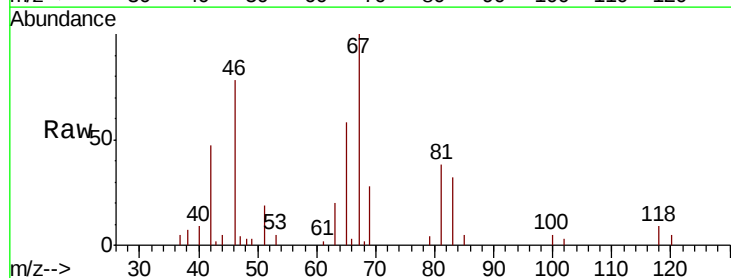


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

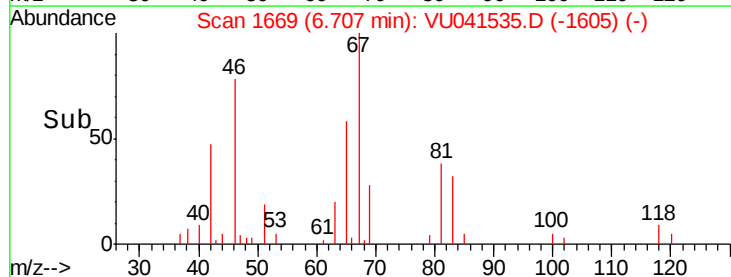
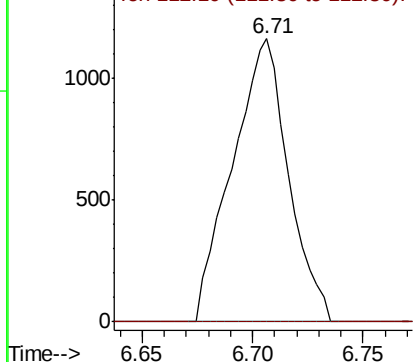


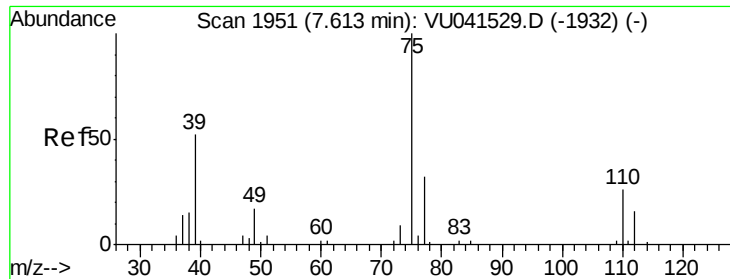
#37
1,2-Dichloropropane
Concen: 0.982 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041535.D
Acq: 10 Dec 2020 14:44

Tgt Ion: 63 Resp: 2046
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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



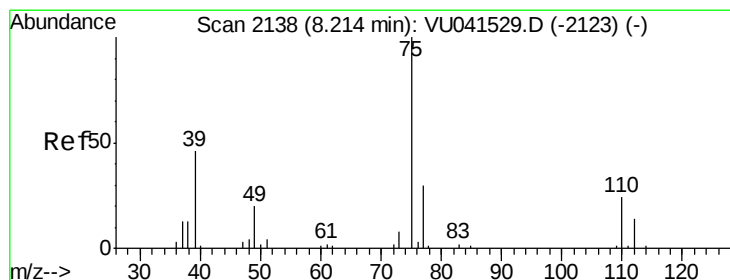
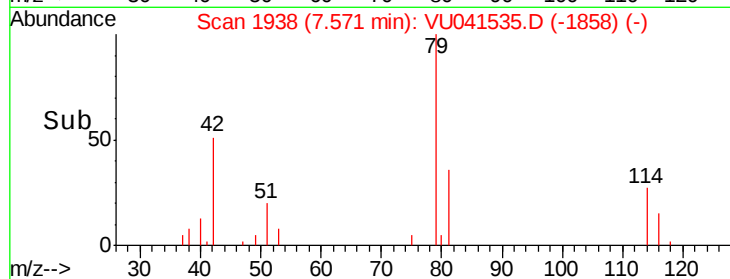
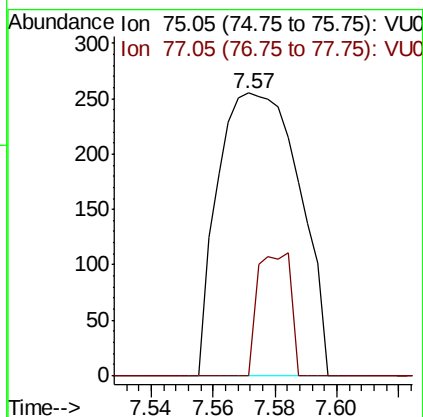
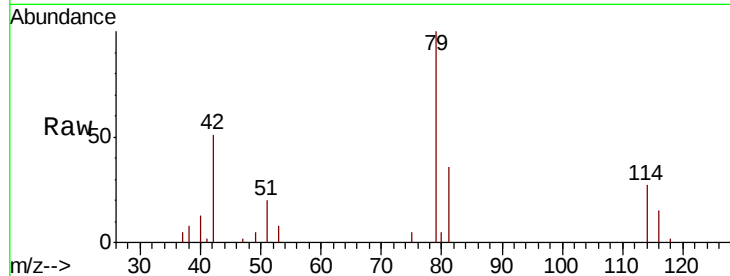


#39

cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041535.D
 Acq: 10 Dec 2020 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ3

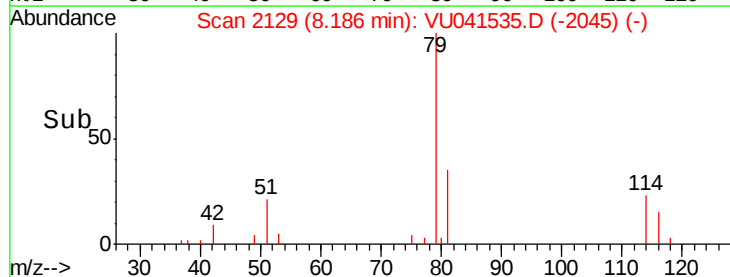
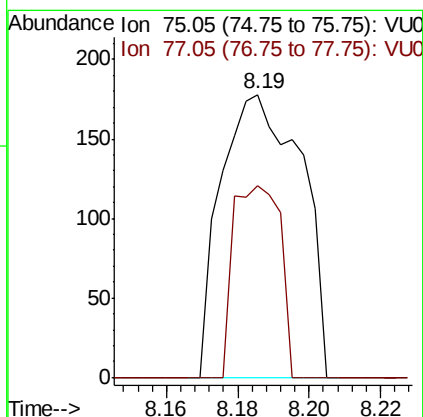
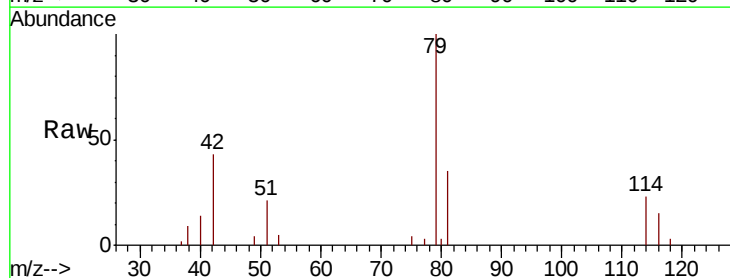
Tot Ion: 75 Resp: 467
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.0 44.6#

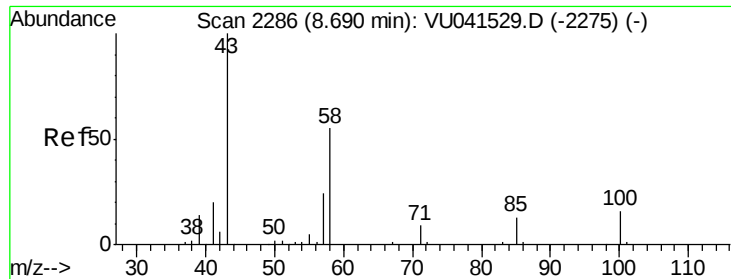


#44

trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041535.D
 Acq: 10 Dec 2020 14:44

Tgt Ion: 75 Resp: 277
 Ion Ratio Lower Upper
 75 100
 77 68.0 22.7 42.3#

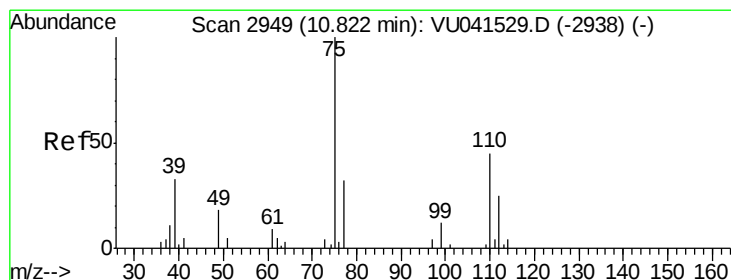
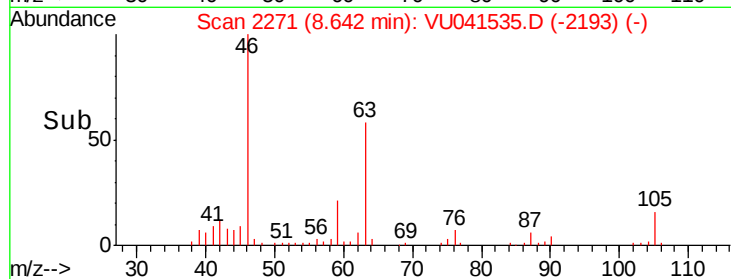
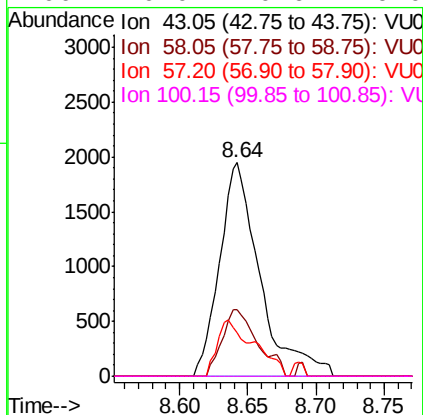
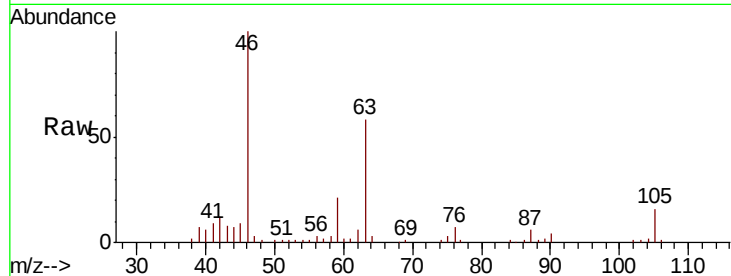




#48
2-Hexanone
Concen: 2.989 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041535.D
Acq: 10 Dec 2020 14:44

Instrument :
MSVOA_U
ClientSampleId :
C0AQ3

Tot Ion: 43 Resp: 4008
Ion Ratio Lower Upper
43 100
58 27.3 41.4 62.0#
57 23.9 17.1 25.7
100 0.0 10.6 16.0#



#59
1,2,3-Trichloropropane
Concen: 0.552 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041535.D
Acq: 10 Dec 2020 14:44

Tgt Ion: 75 Resp: 1116
Ion Ratio Lower Upper
75 100
77 53.0 26.3 39.5#

