

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041021.D
 Acq On : 29 Oct 2020 18:17
 Operator : SY/MD
 Sample : L4558-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP6

Quant Time: Oct 30 08:14:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 08:06:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53729	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54802	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15810	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.92	69	12907	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.58	63	24524	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.66	46	81636	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	5.08	84	35239	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.72	65	22943	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.74	84	59901	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.70	67	21749	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.90	98	47186	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	8.19	79	8452	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	53754	48.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20307	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	19370	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

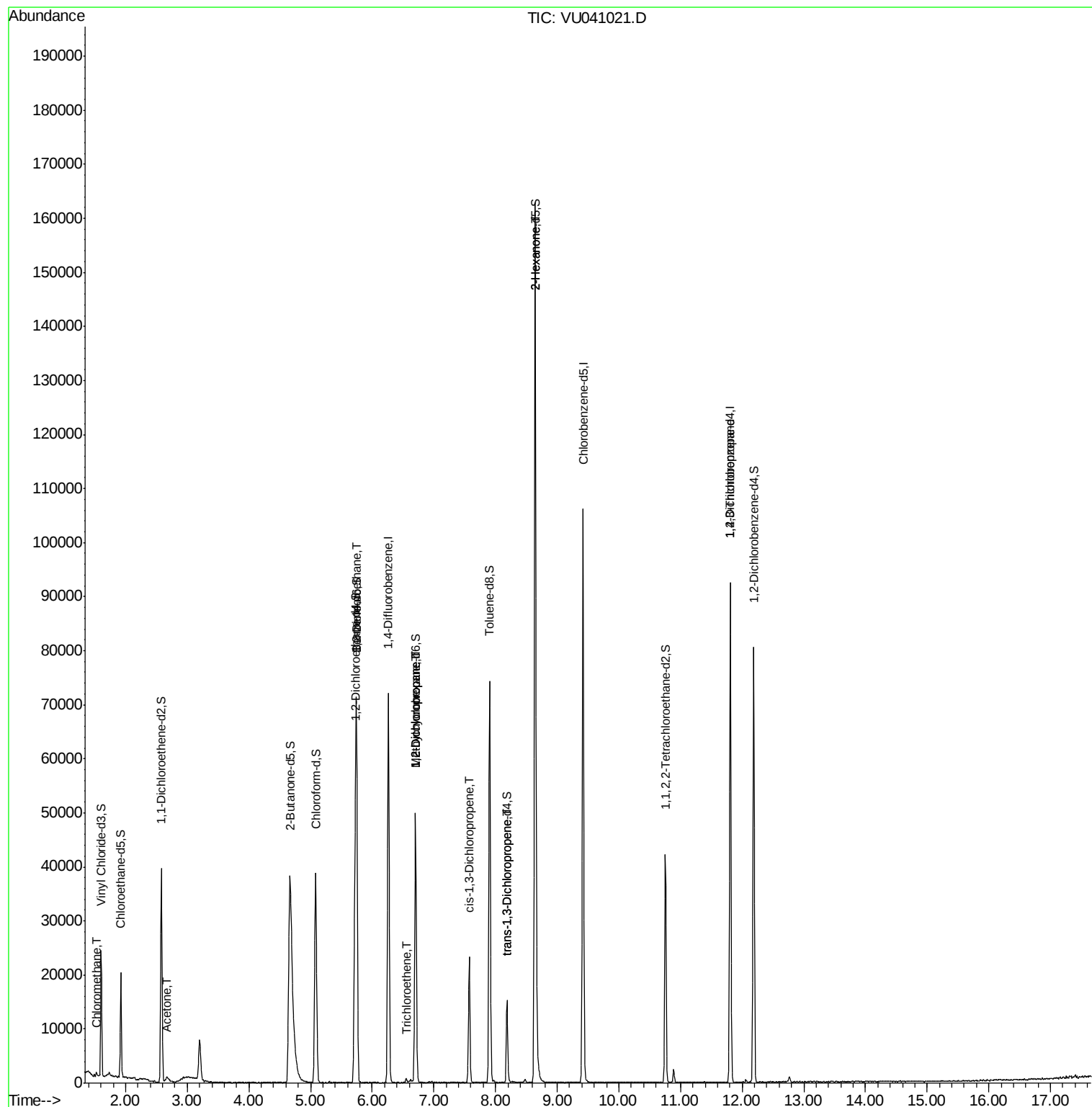
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	646	0.126	ug/L	97
13) Acetone	2.68	43	1067	1.050	ug/L	89
27) 1,2-Dichloroethane	5.75	62	354	0.061	ug/L #	74
34) Trichloroethene	6.56	95	322	0.077	ug/L #	66
35) Methylcyclohexane	6.70	83	4954	0.797	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2511	0.567	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	601	0.099	ug/L	83
44) trans-1,3-Dichloropropene	8.19	75	349	0.061	ug/L	89
48) 2-Hexanone	8.64	43	8650	3.252	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	3206	0.971	ug/L	97

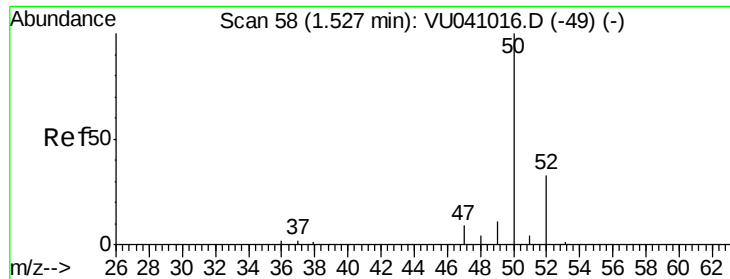
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.126 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041021.D

Acq: 29 Oct 2020 18:17

Instrument :

MSVOA_U

ClientSampleId :

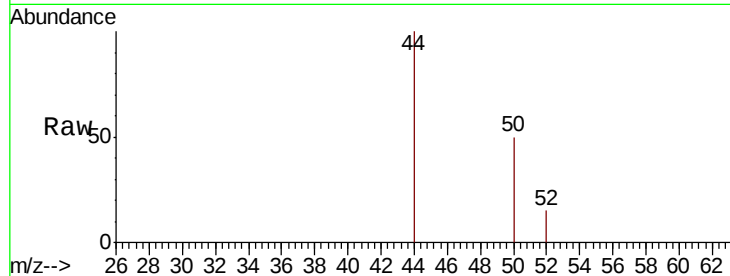
C0BP6

Tot Ion: 50 Resp: 646

Ion Ratio Lower Upper

50 100

52 30.2 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

600

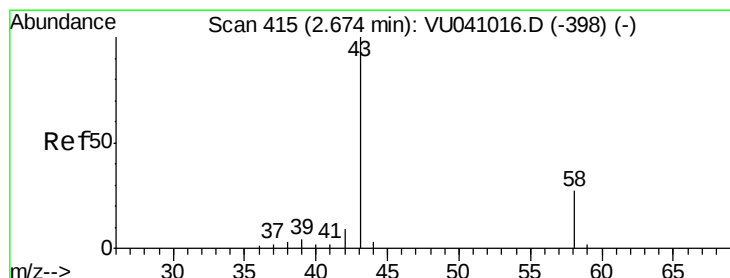
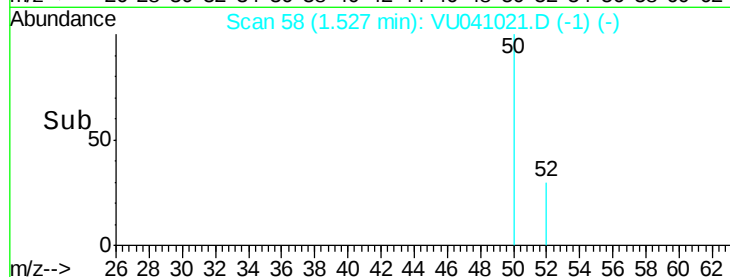
400

200

0

1.50 1.52 1.54

Time-->



#13

Acetone

Concen: 1.050 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU041021.D

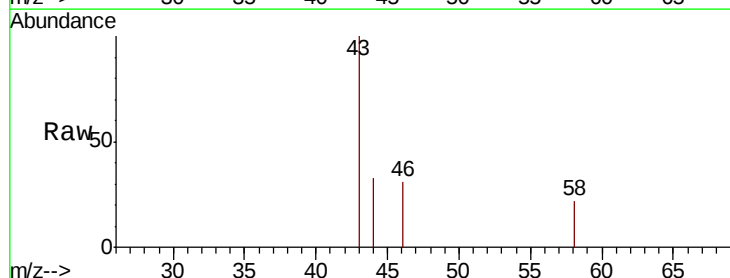
Acq: 29 Oct 2020 18:17

Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

43 100

58 17.1 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.68

600

500

400

300

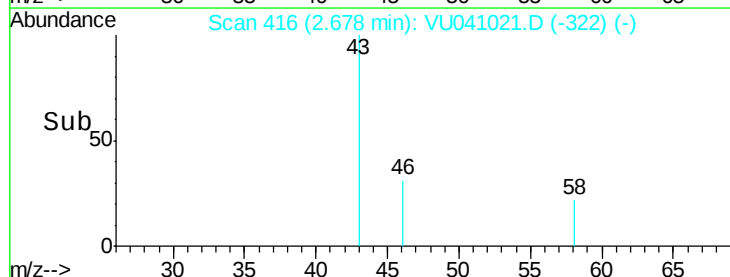
200

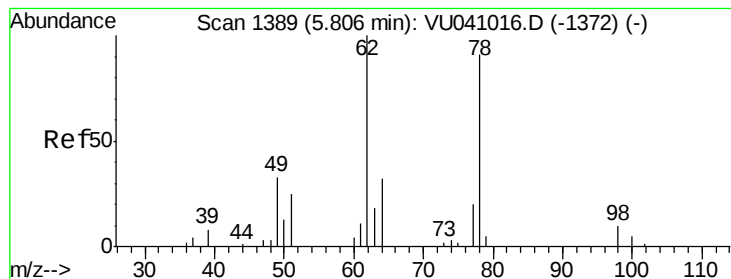
100

0

2.65 2.68 2.70

Time-->





#27

1,2-Dichloroethane

Concen: 0.061 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.06 min

Lab File: VU041021.D

Acq: 29 Oct 2020 18:17

Instrument :

MSVOA_U

ClientSampleId :

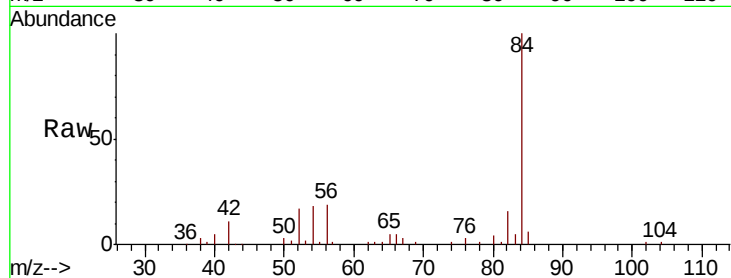
C0BP6

Tot Ion: 62 Resp: 354

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

250

200

150

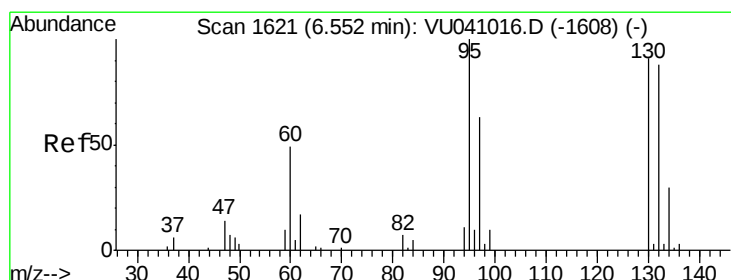
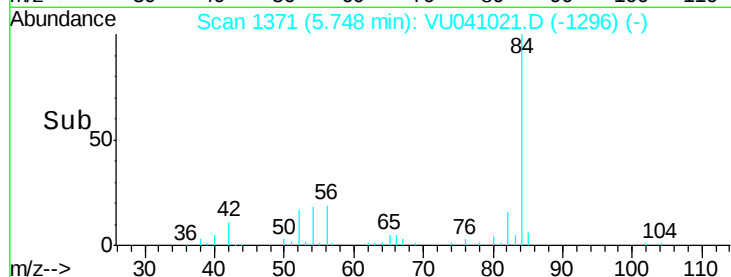
100

50

0

5.70 5.72 5.74 5.76 5.78

Time-->



#34

Trichloroethene

Concen: 0.077 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041021.D

Acq: 29 Oct 2020 18:17

Tgt Ion: 95 Resp: 322

Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 64.8 64.8 120.4#

130 88.0 64.8 120.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

300

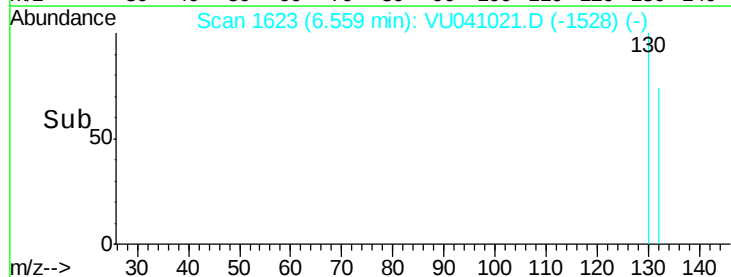
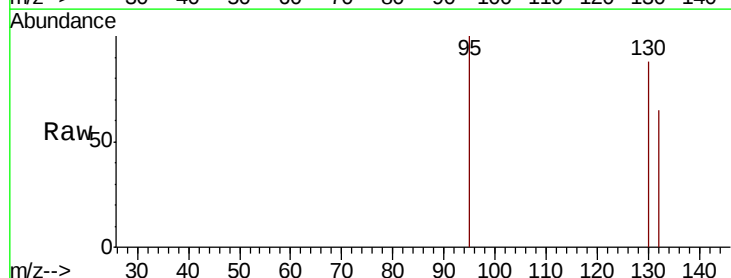
200

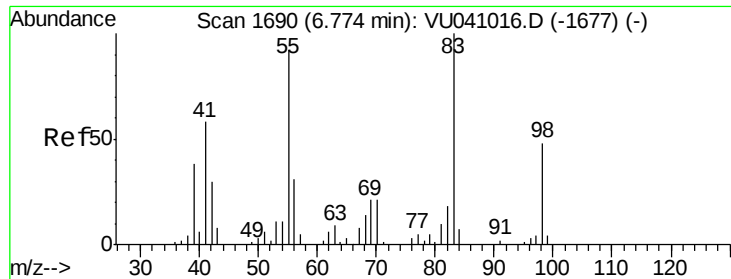
100

0

6.52 6.54 6.56 6.58

Time-->

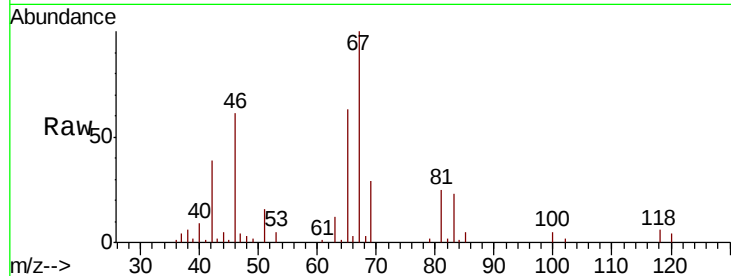




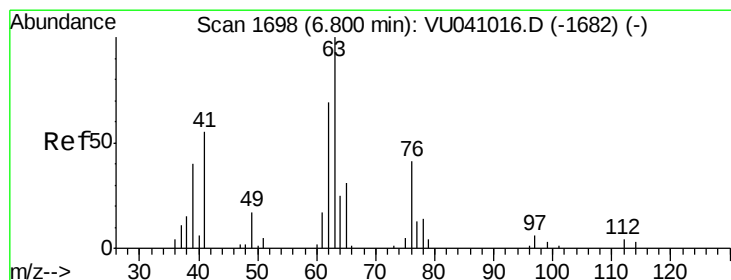
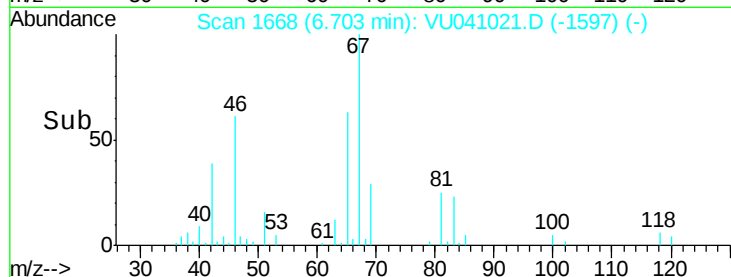
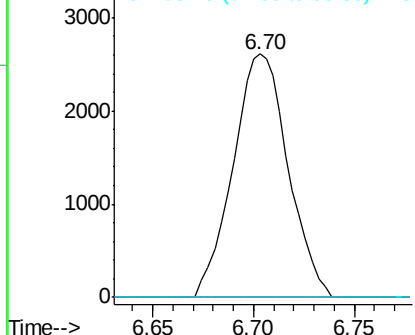
#35
Methvlcvclohexane
Concen: 0.797 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041021.D
Acq: 29 Oct 2020 18:17

Instrument :
MSVOA_U
ClientSampleId :
C0BP6

Tot Ion: 83 Resp: 4954
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

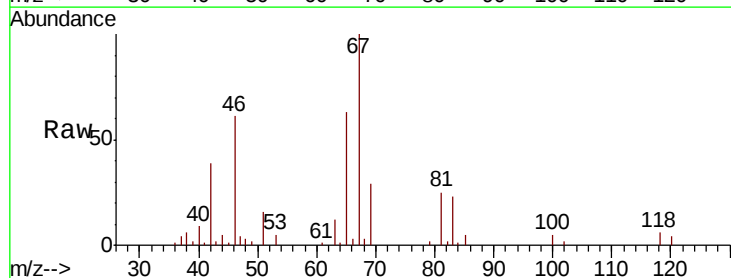


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

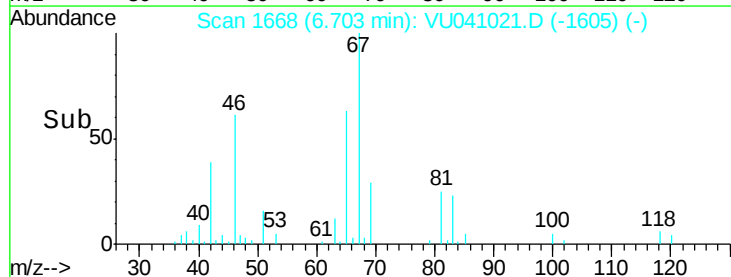
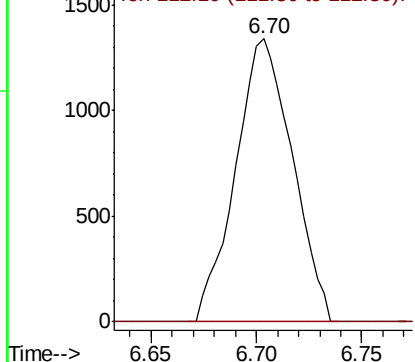


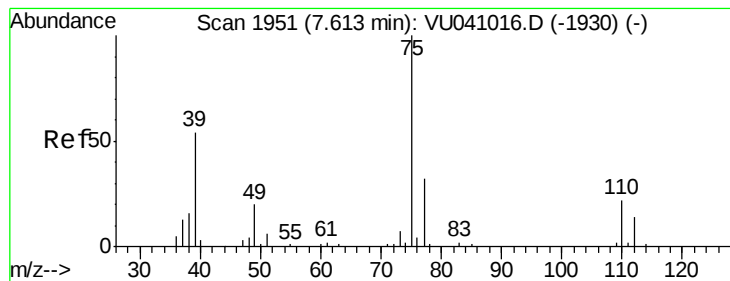
#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041021.D
Acq: 29 Oct 2020 18:17

Tgt Ion: 63 Resp: 2511
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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



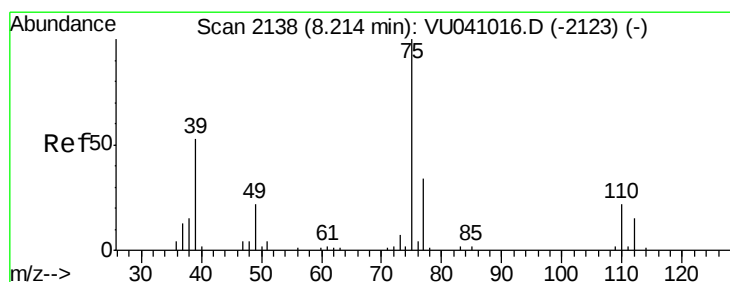
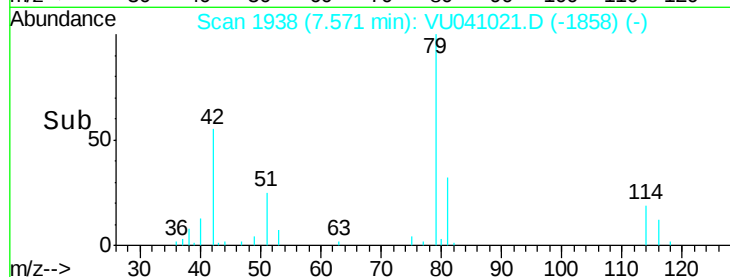
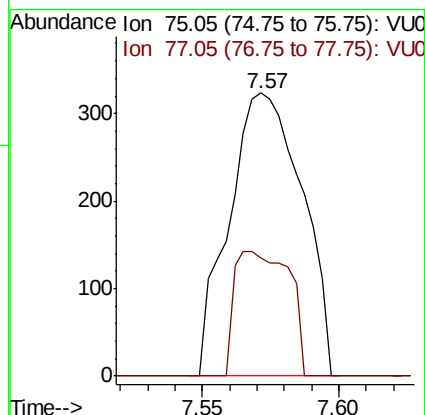
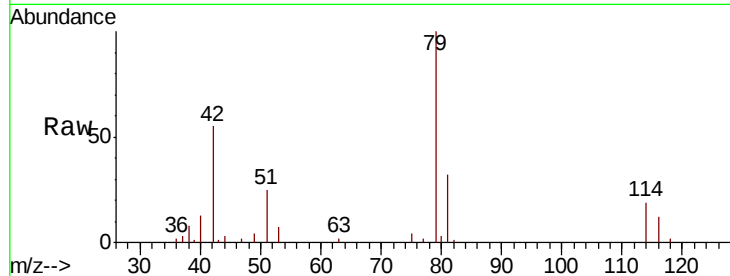


#39

cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041021.D
 Acq: 29 Oct 2020 18:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP6

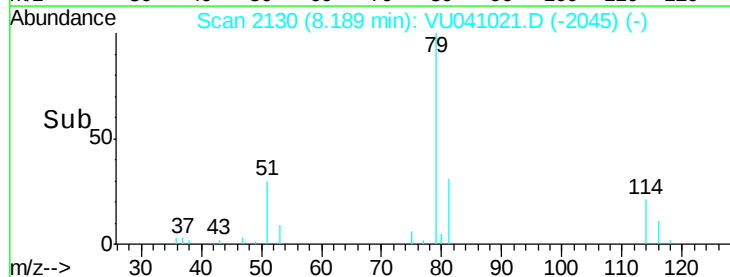
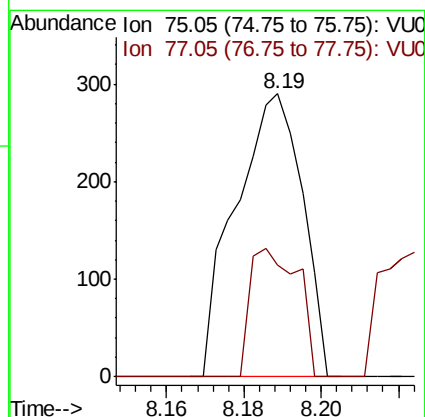
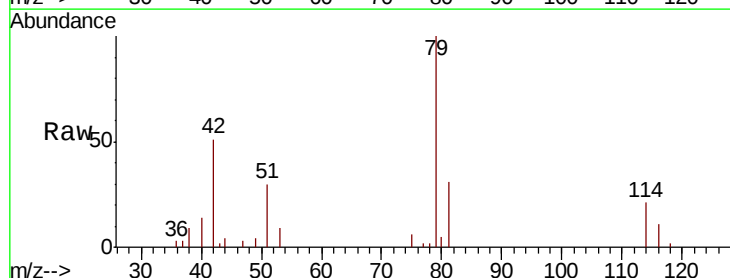
Tot Ion: 75 Resp: 601
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.7 42.3

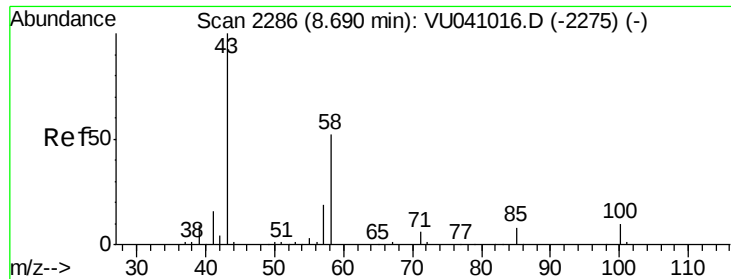


#44

trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041021.D
 Acq: 29 Oct 2020 18:17

Tgt Ion: 75 Resp: 349
 Ion Ratio Lower Upper
 75 100
 77 39.3 23.3 43.3

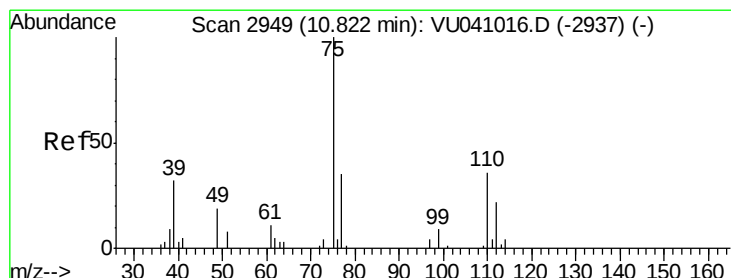
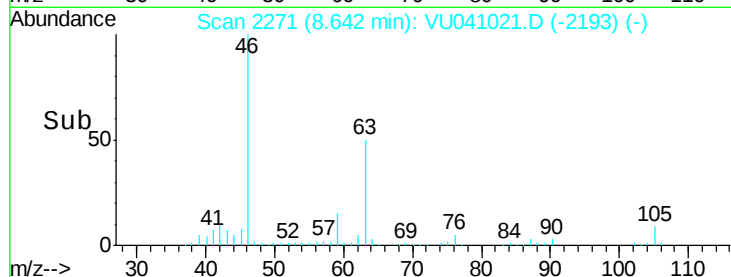
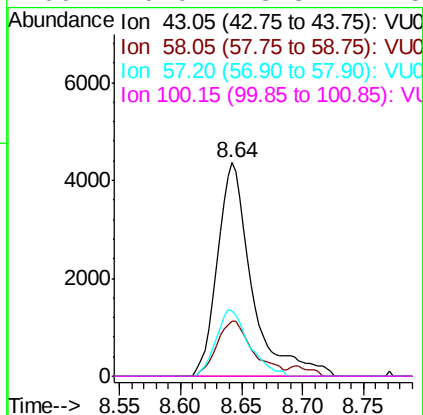
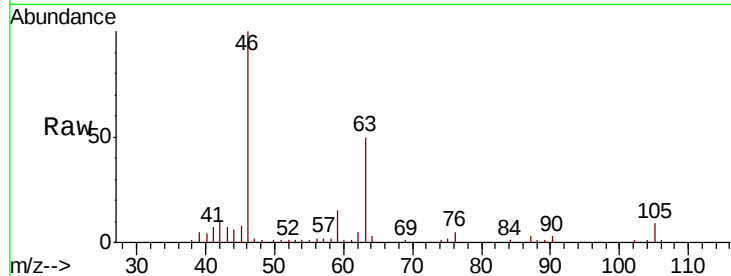




#48
2-Hexanone
Concen: 3.252 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041021.D
Acq: 29 Oct 2020 18:17

Instrument :
MSVOA_U
ClientSampleId :
C0BP6

Tot Ion: 43 Resp: 8650
Ion Ratio Lower Upper
43 100
58 27.3 41.4 62.2#
57 29.7 14.6 21.8#
100 0.0 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 0.971 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041021.D
Acq: 29 Oct 2020 18:17

Tgt Ion: 75 Resp: 3206
Ion Ratio Lower Upper
75 100
77 33.7 25.7 38.5

