

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041541.D
 Acq On : 10 Dec 2020 17:26
 Operator : SY/MD
 Sample : L5023-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT3

Quant Time: Dec 11 06:08:48 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	38203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	37982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7596	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.92	69	8311	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	16148	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.65	46	31371	42.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.26%
24) Chloroform-d	5.08	84	26189	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	18924	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.74	84	37424	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	10300	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.91	98	33810	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.19	79	7002	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	23537	38.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11018	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	18208	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

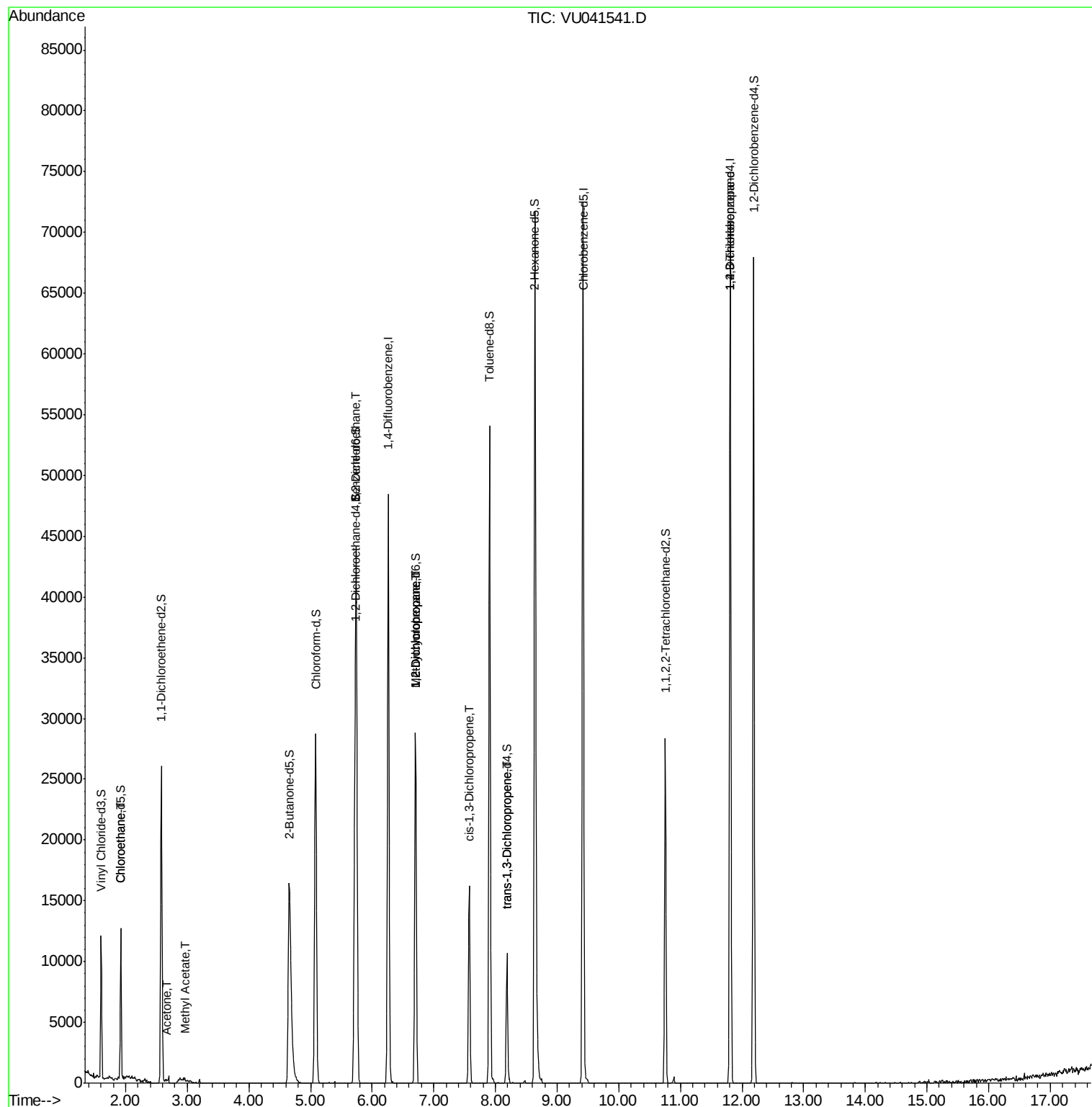
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	141	0.083	ug/L #	45
13) Acetone	2.66	43	795	1.388	ug/L #	50
15) Methyl Acetate	2.96	43	149	0.142	ug/L #	51
27) 1,2-Dichloroethane	5.74	62	244	0.059	ug/L #	79
35) Methylcyclohexane	6.70	83	3468	0.896	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1574	0.714	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	498	0.125	ug/L #	40
44) trans-1,3-Dichloropropene	8.19	75	204	0.051	ug/L #	42
59) 1,2,3-Trichloropropane	11.80	75	1711	0.800	ug/L #	77

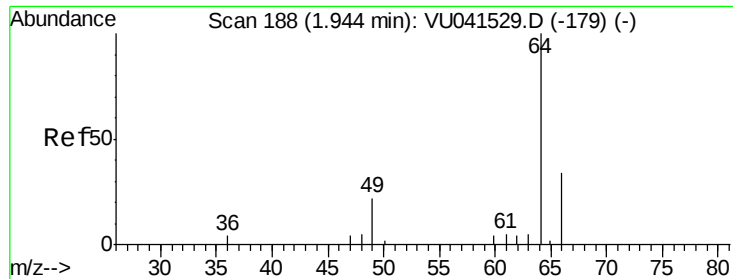
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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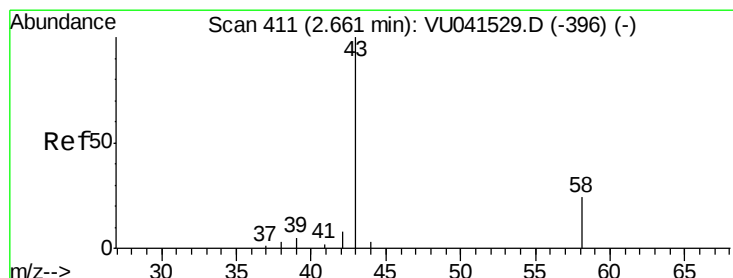
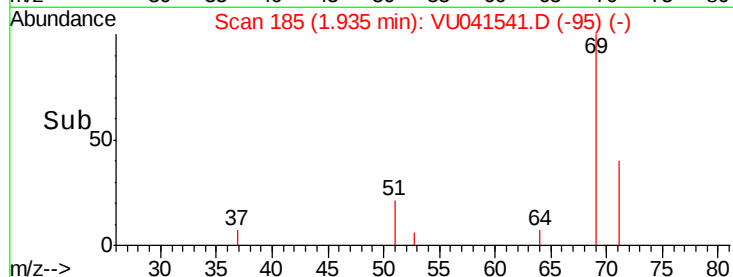
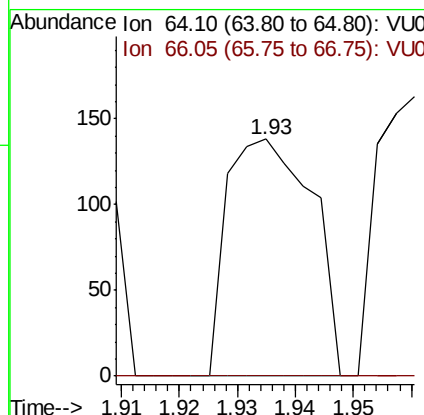
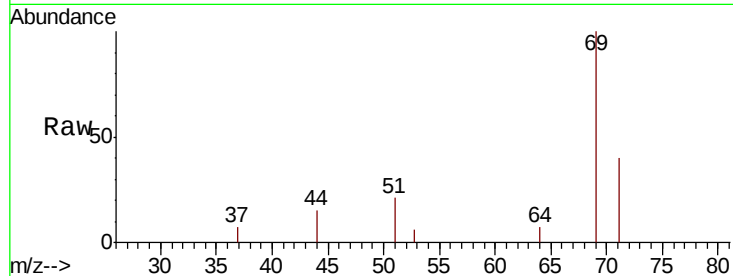




#8
Chloroethane
Concen: 0.083 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU041541.D
Acq: 10 Dec 2020 17:26

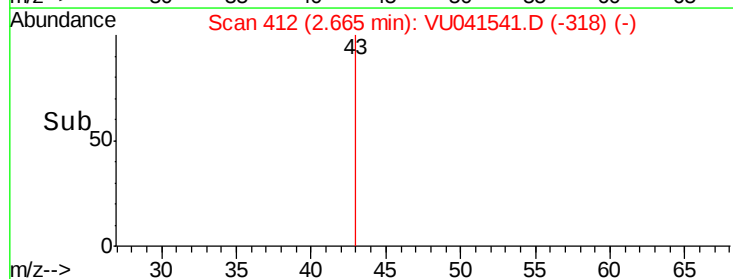
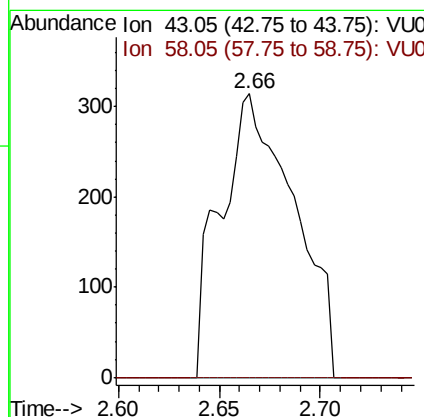
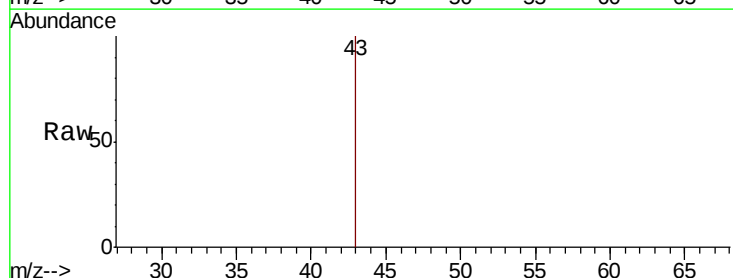
Instrument :
MSVOA_U
ClientSampleId :
C0AT3

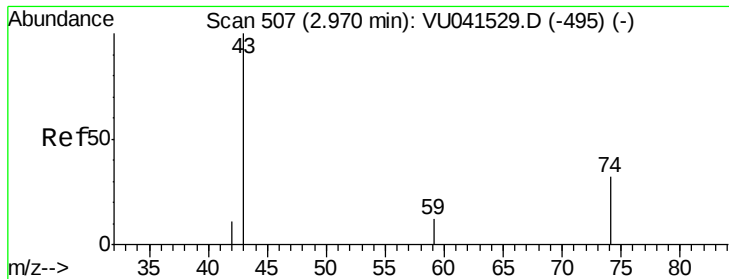
Tot Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 1.388 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.00 min
Lab File: VU041541.D
Acq: 10 Dec 2020 17:26

Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
58 0.0 0.0 50.0





#15

Methvl Acetate

Concen: 0.142 ug/L

RT: 2.96 min Scan# 504

Delta R.T. -0.01 min

Lab File: VU041541.D

Acq: 10 Dec 2020 17:26

Instrument :

MSVOA_U

ClientSampleId :

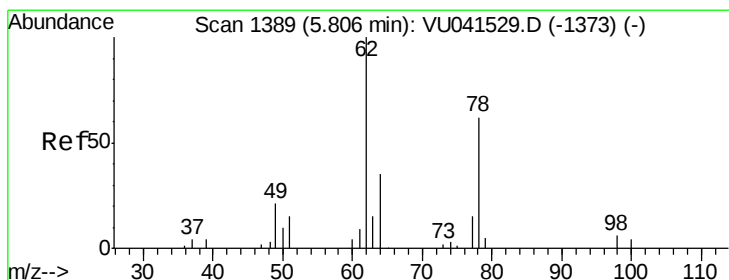
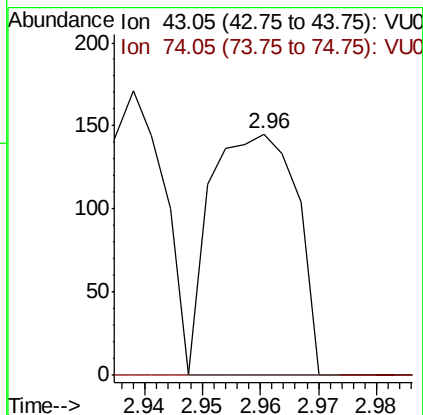
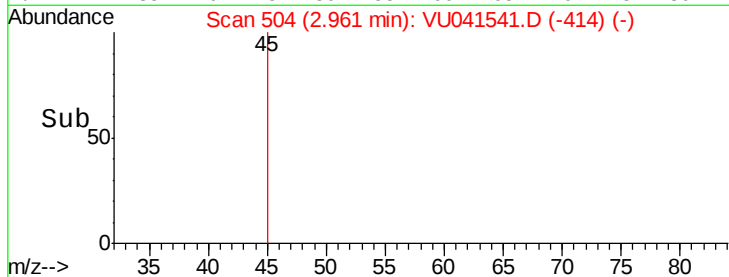
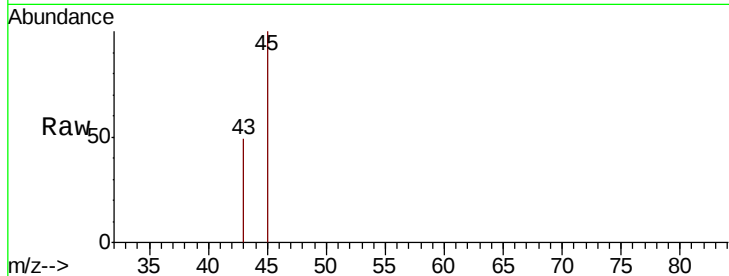
C0AT3

Tot Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

74 0.0 19.7 29.5#



#27

1,2-Dichloroethane

Concen: 0.059 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.06 min

Lab File: VU041541.D

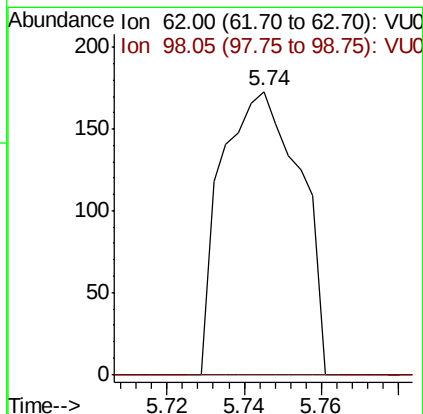
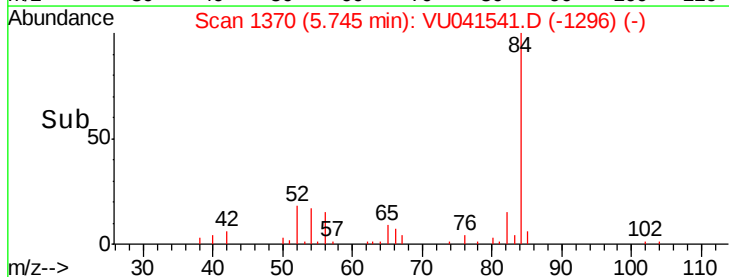
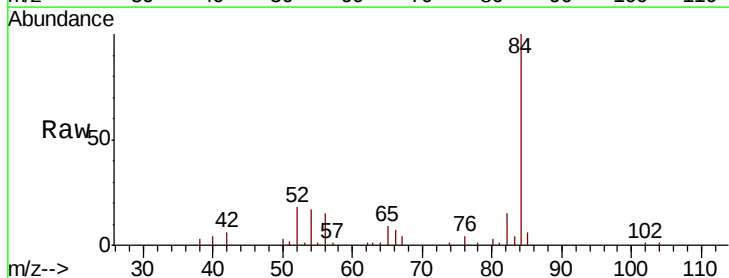
Acq: 10 Dec 2020 17:26

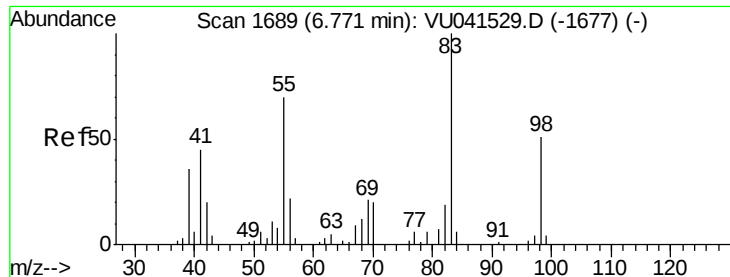
Tgt Ion: 62 Resp: 244

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#

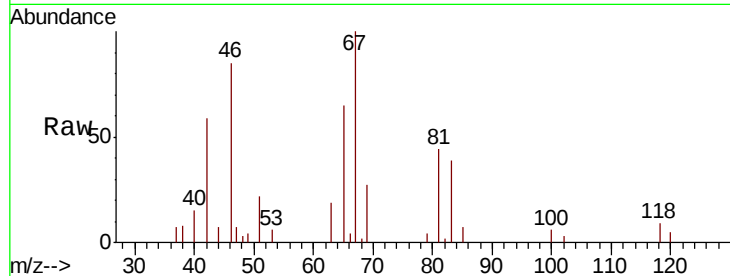




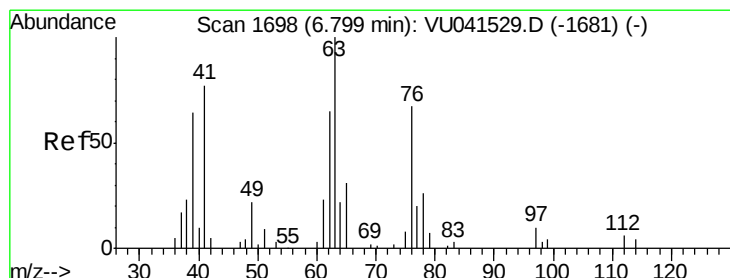
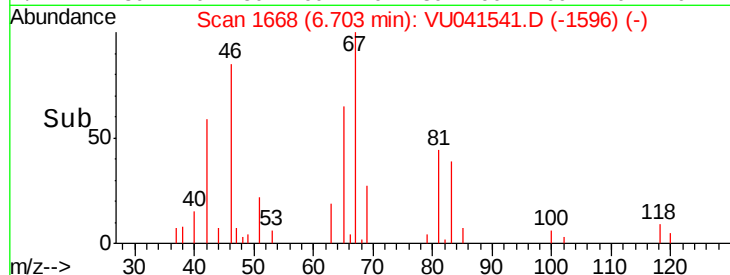
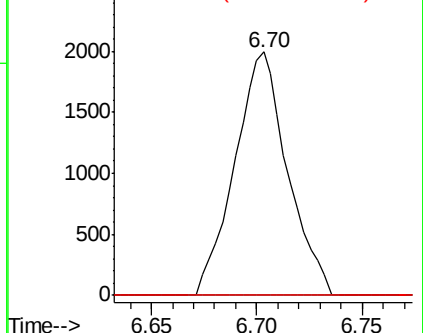
#35
Methvlcvclohexane
Concen: 0.896 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041541.D
Acq: 10 Dec 2020 17:26

Instrument :
MSVOA_U
ClientSampleId :
C0AT3

Tot Ion: 83 Resp: 3468
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

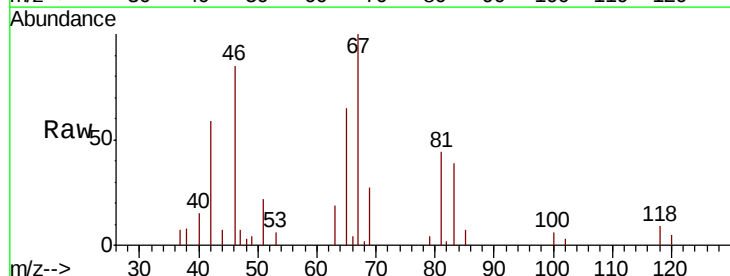


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

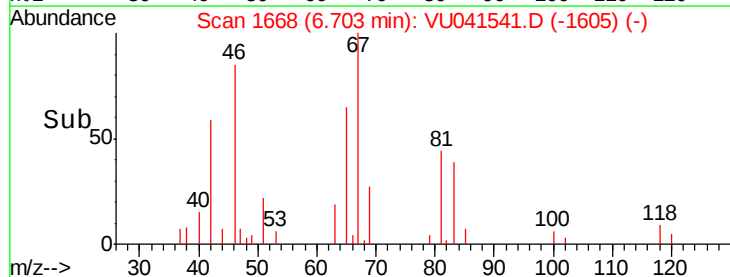
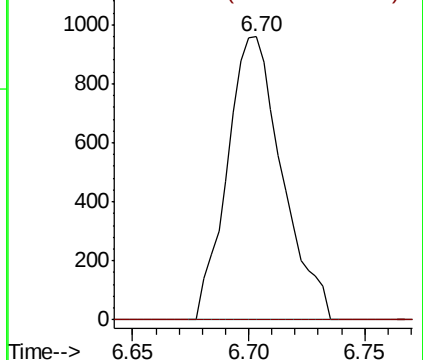


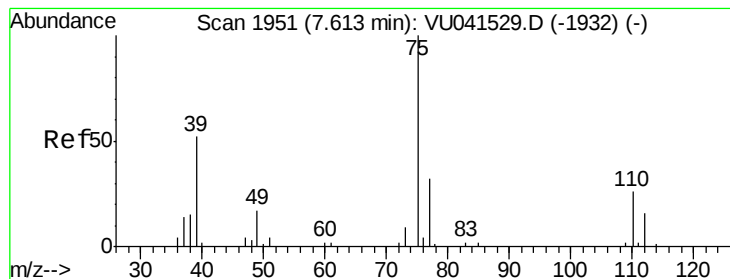
#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041541.D
Acq: 10 Dec 2020 17:26

Tgt Ion: 63 Resp: 1574
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: 0.125 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041541.D

Acq: 10 Dec 2020 17:26

Instrument :

MSVOA_U

ClientSampleId :

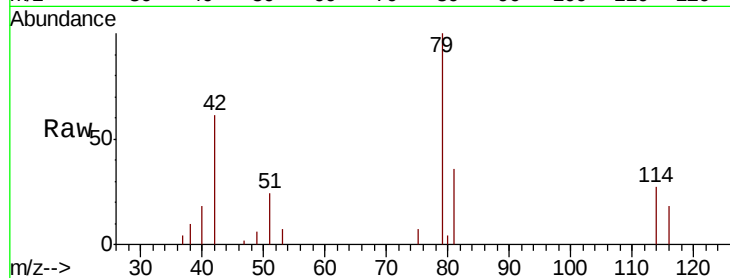
C0AT3

Tot Ion: 75 Resp: 498

Ion Ratio Lower Upper

75 100

77 0.0 24.0 44.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

300

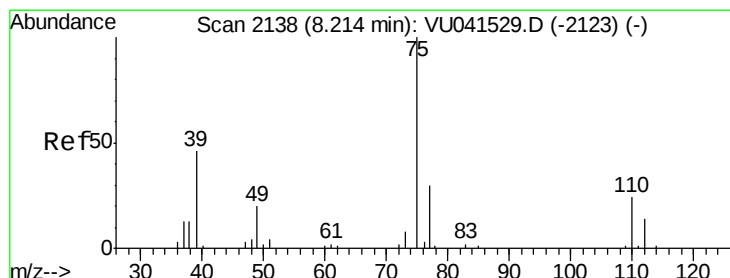
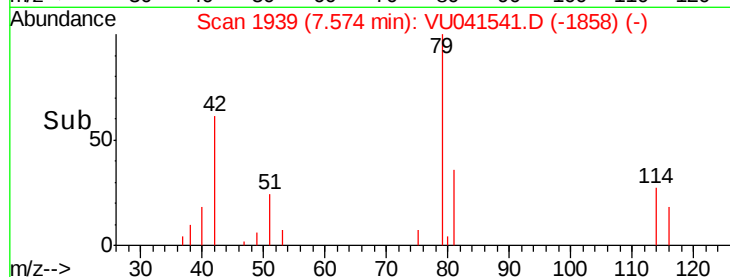
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041541.D

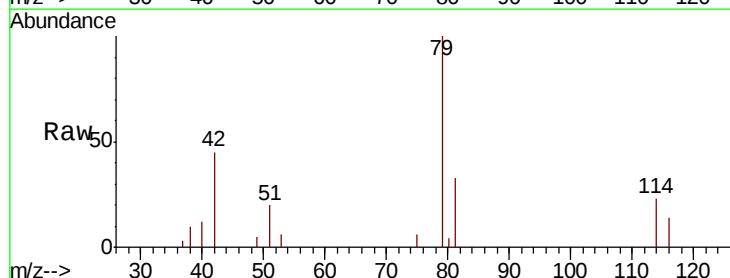
Acq: 10 Dec 2020 17:26

Tgt Ion: 75 Resp: 204

Ion Ratio Lower Upper

75 100

77 0.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

250

200

150

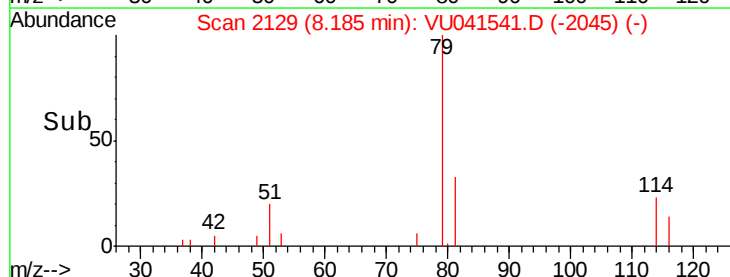
100

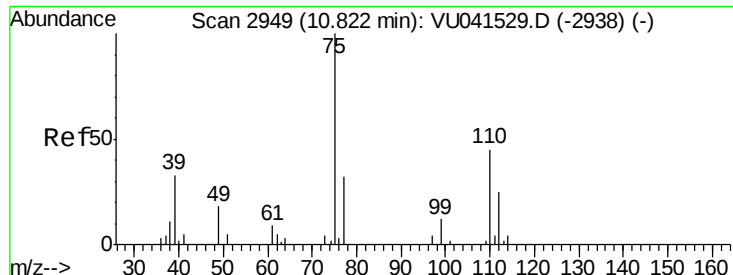
50

0

8.16 8.18 8.20

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.800 ug/L

RT: 11.80 min Scan# 3254

Delta R.T. 0.98 min

Lab File: VU041541.D

Acq: 10 Dec 2020 17:26

Instrument :

MSVOA_U

ClientSampleId :

C0AT3

Tot Ion: 75 Resp: 1711

Ion Ratio Lower Upper

75 100

77 45.9 26.3 39.5#

