

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041652.D
 Acq On : 15 Dec 2020 21:29
 Operator : SY/MD
 Sample : L5029-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 16 04:38:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 04:34:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111400	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40690	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.92	69	35344	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.58	63	59772	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.66	46	135037	53.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.96%
24) Chloroform-d	5.08	84	76119	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.72	65	45283	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.74	84	150866	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	46550	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.91	98	126546	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	19747	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	119818	48.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45178	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	46637	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

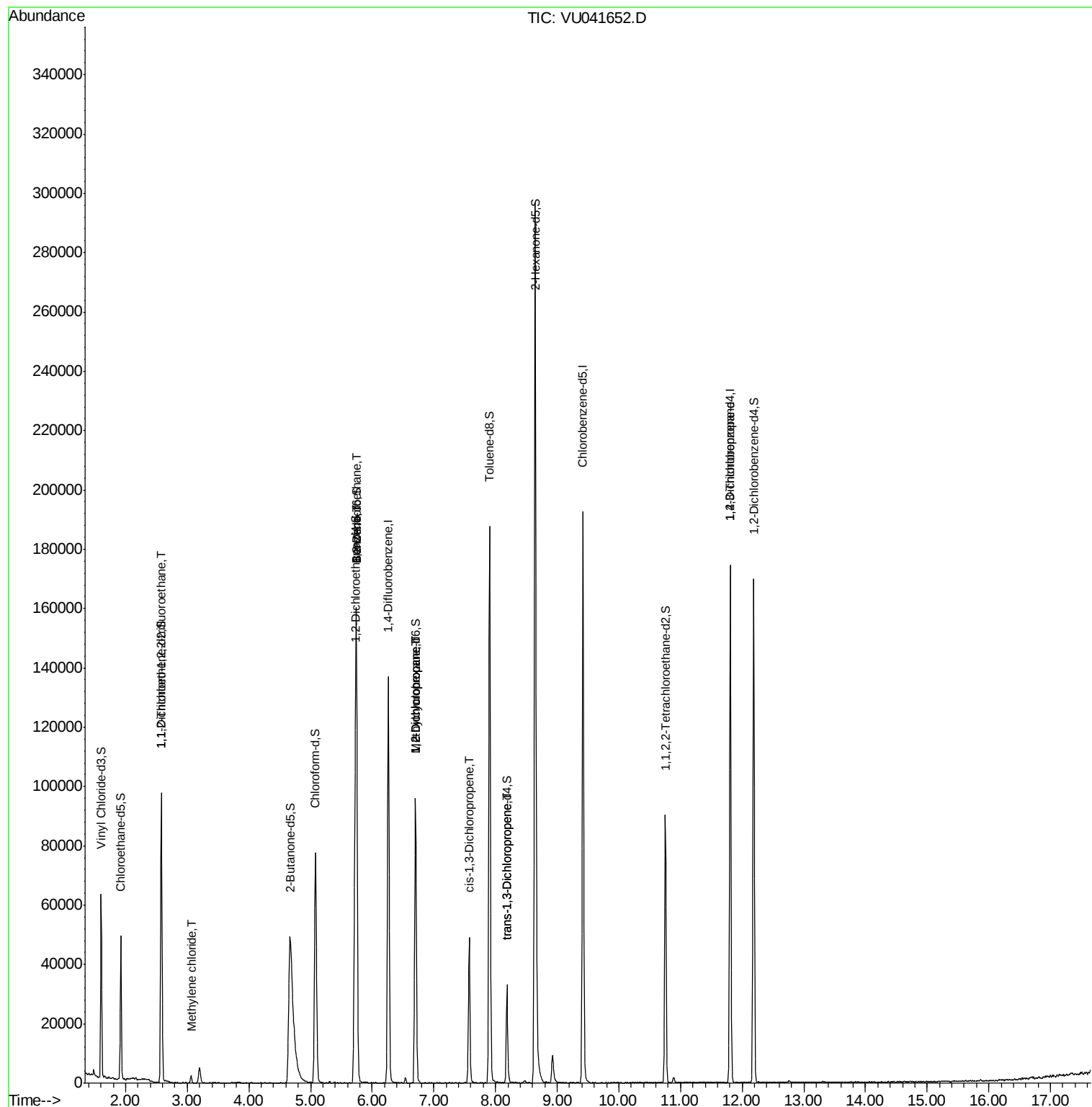
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	520	0.068	ug/L #	22
16) Methylene chloride	3.06	84	1147	0.127	ug/L #	70
27) 1,2-Dichloroethane	5.75	62	701	0.070	ug/L #	73
33) Benzene	5.74	78	1219	0.034	ug/L	100
35) Methylcyclohexane	6.70	83	11504	0.798	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4914	0.541	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1145	0.085	ug/L #	33
44) trans-1,3-Dichloropropene	8.19	75	746	0.062	ug/L	90
59) 1,2,3-Trichloropropane	11.81	75	5524	0.810	ug/L	100

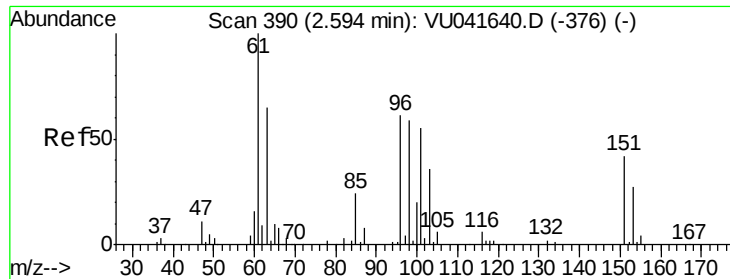
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 04:34:43 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.068 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041652.D

Acq: 15 Dec 2020 21:29

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

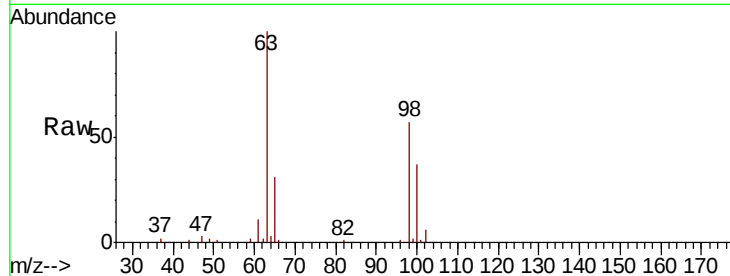
Tot Ion:101 Resp: 520

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

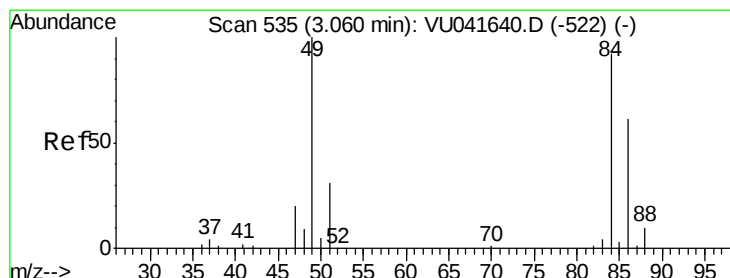
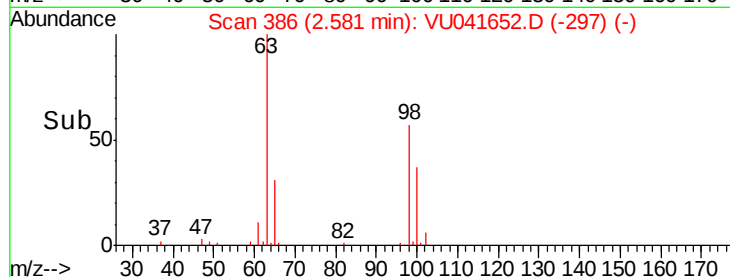
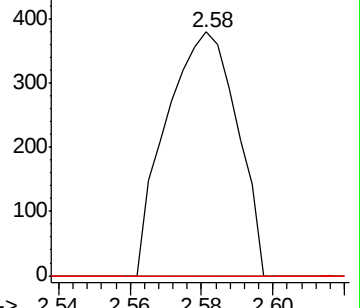
151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.127 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041652.D

Acq: 15 Dec 2020 21:29

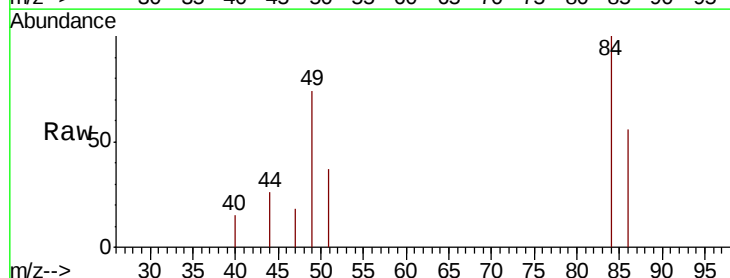
Tgt Ion: 84 Resp: 1147

Ion Ratio Lower Upper

84 100

86 56.2 45.1 83.7

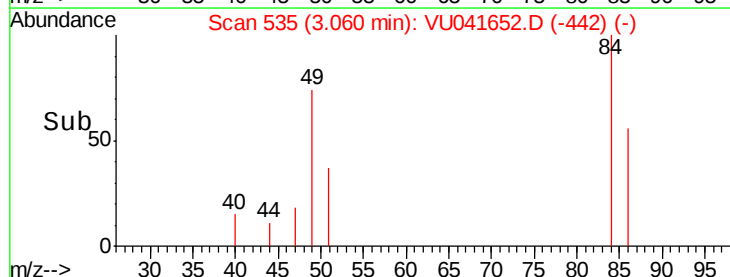
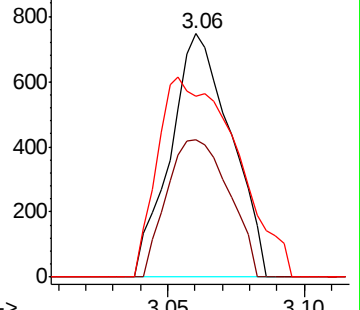
49 74.4 83.1 154.3#

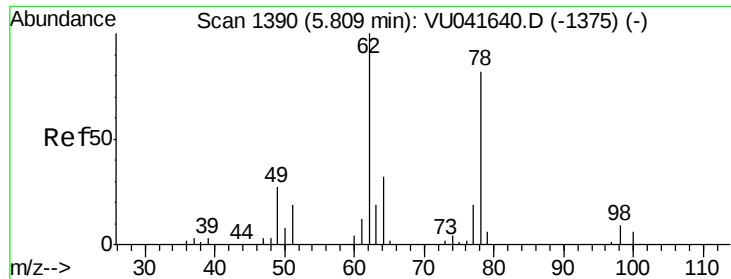


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

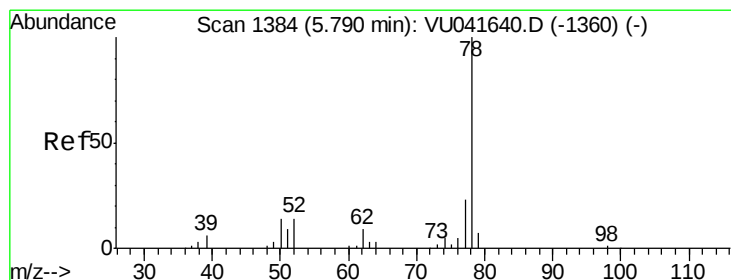
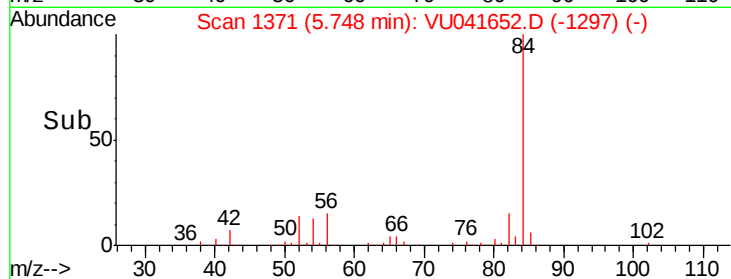
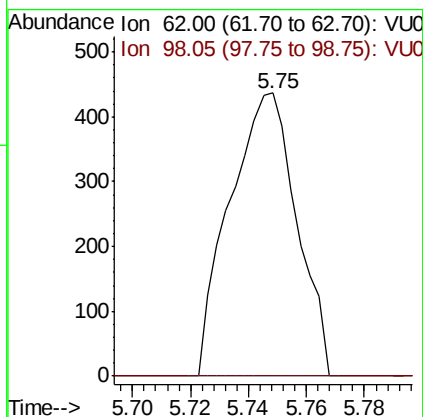
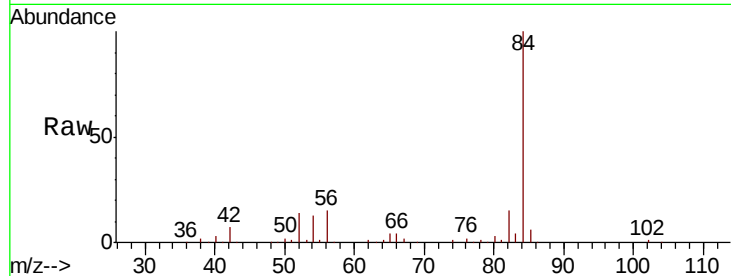




#27
 1,2-Dichloroethane
 Concen: 0.070 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041652.D
 Acq: 15 Dec 2020 21:29

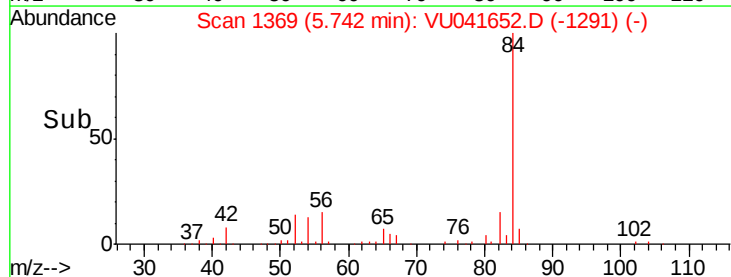
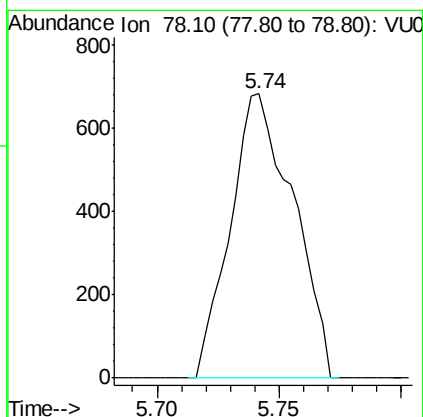
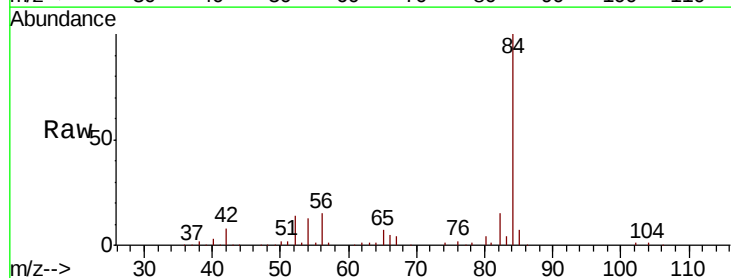
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

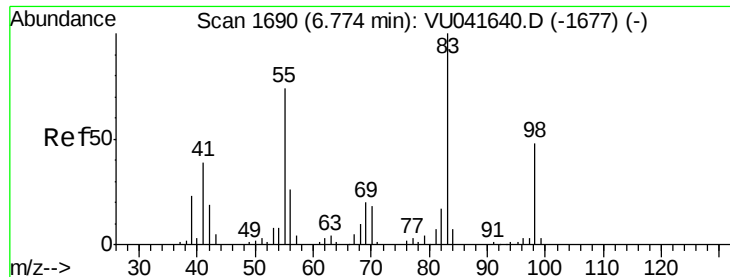
Tot Ion: 62 Resp: 701
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#33
 Benzene
 Concen: 0.034 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: VU041652.D
 Acq: 15 Dec 2020 21:29

Tgt Ion: 78 Resp: 1219

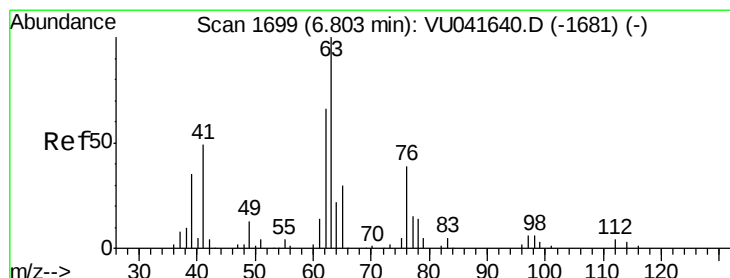
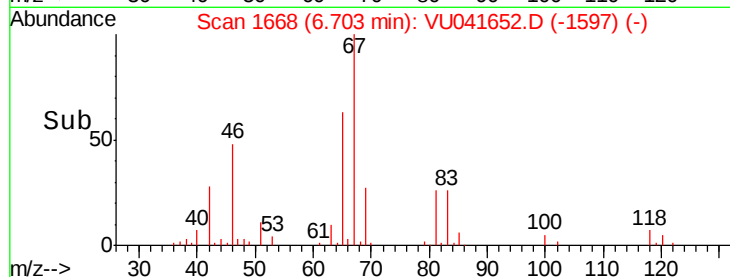
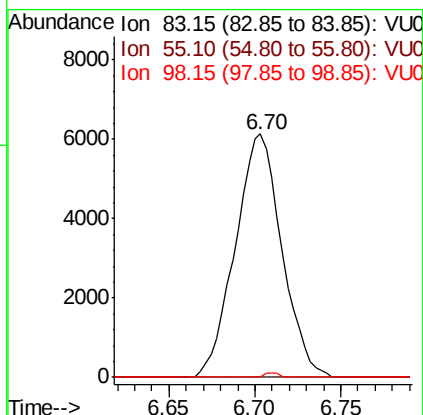
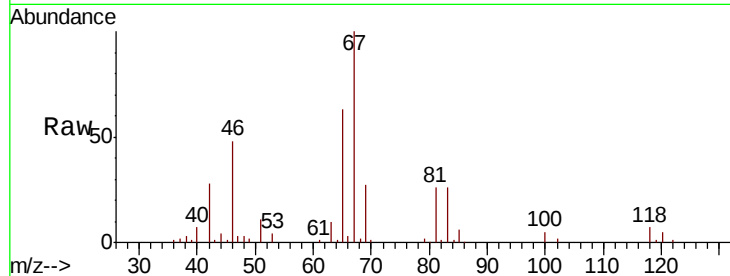




#35
Methvlcvclohexane
Concen: 0.798 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041652.D
Acq: 15 Dec 2020 21:29

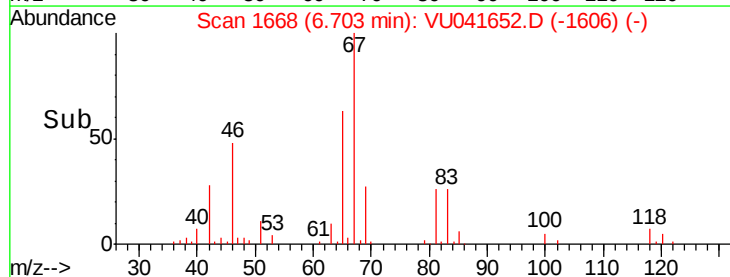
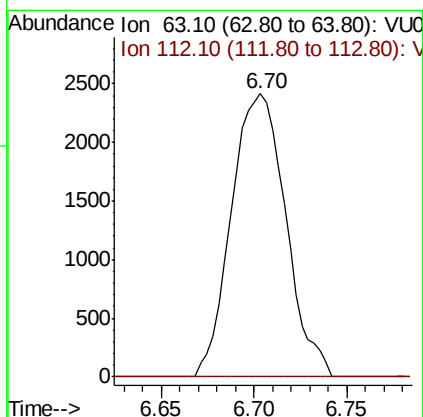
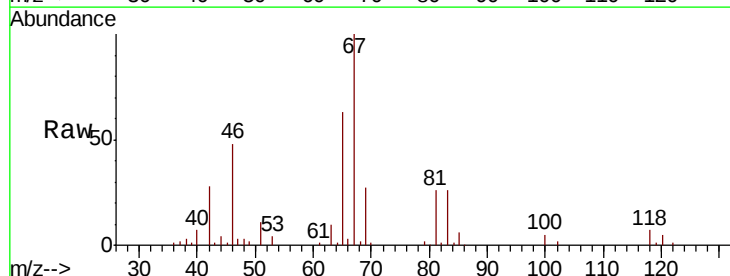
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

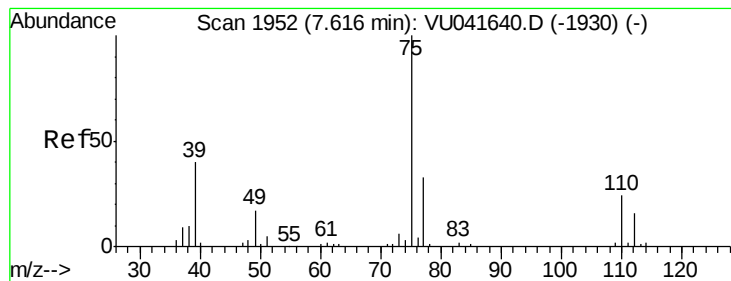
Tot Ion	83.15	Resp	11504
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	0.6	36.6	54.8#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041652.D
Acq: 15 Dec 2020 21:29

Tgt Ion	63.10	Resp	4914
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#



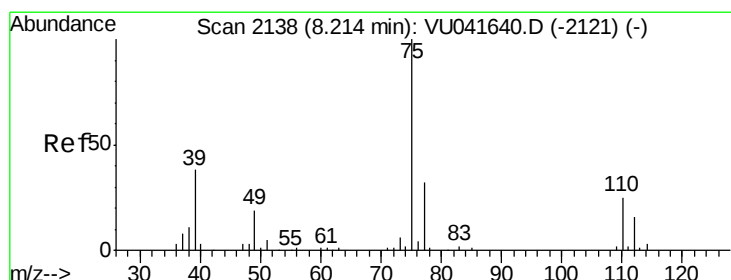
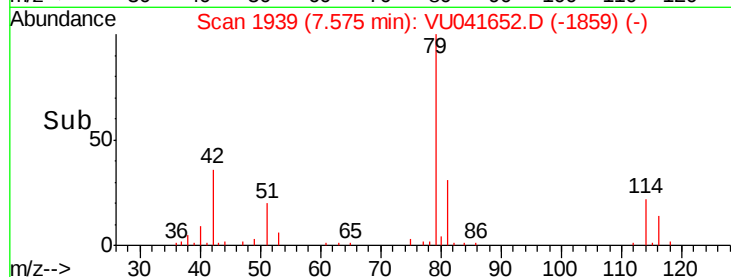
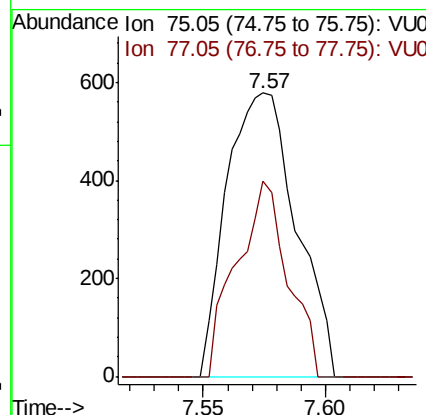
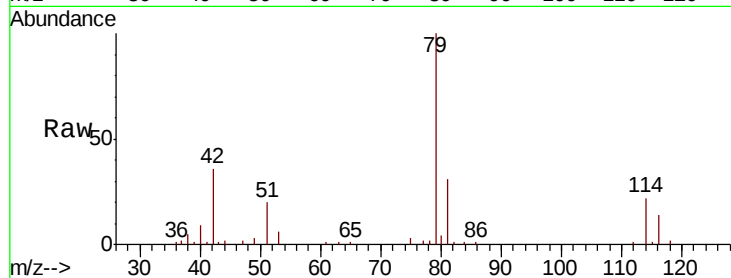


#39

cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041652.D
Acq: 15 Dec 2020 21:29

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

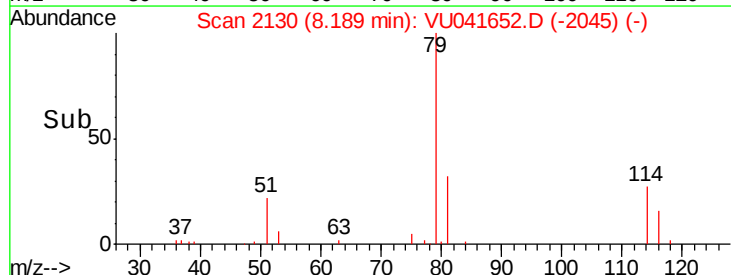
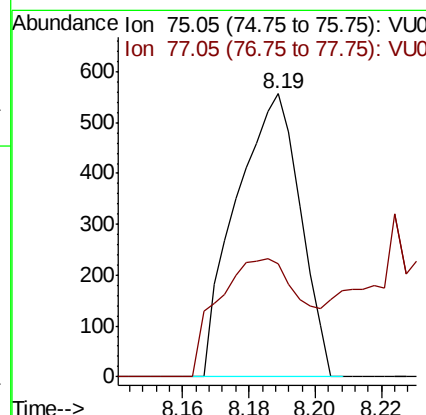
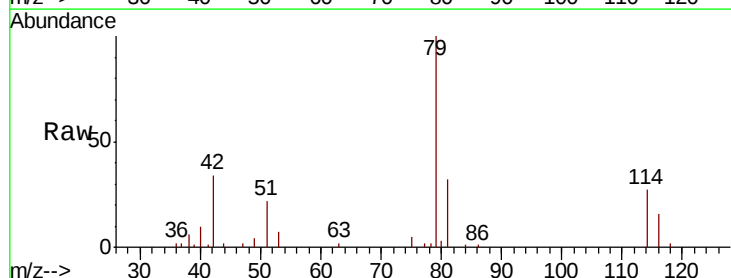
Tot Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 69.0 22.3 41.3#

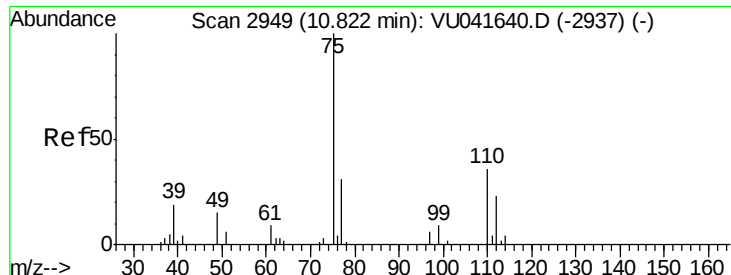


#44

trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041652.D
Acq: 15 Dec 2020 21:29

Tgt Ion: 75 Resp: 746
Ion Ratio Lower Upper
75 100
77 39.9 23.8 44.2





#59
 1,2,3-Trichloropropane
 Concen: 0.810 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU041652.D
 Acq: 15 Dec 2020 21:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tot Ion: 75 Resp: 5524
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.2

