

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120720\
 Data File : VU041488.D
 Acq On : 07 Dec 2020 13:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK09

Quant Time: Dec 08 04:33:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 08 04:32:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49940	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	45512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	10338	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.92	69	10178	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.58	63	20683	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.66	46	49043	50.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.98%
24) Chloroform-d	5.08	84	34090	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	24114	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	51417	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	14692	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.90	98	45644	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.18	79	8432	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	36504	49.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	16686	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	21316	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

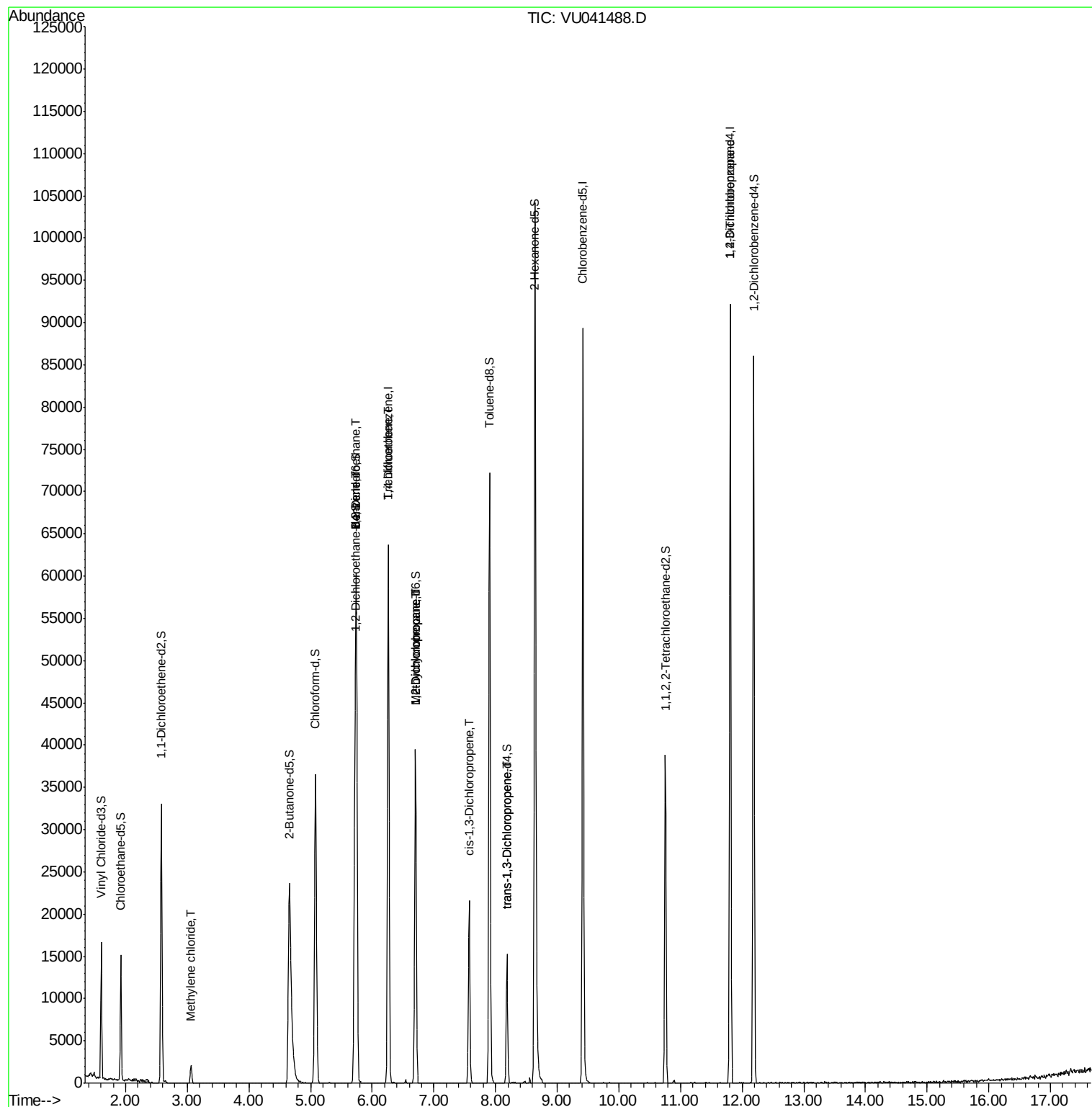
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1100	0.282	ug/L	84
27) 1,2-Dichloroethane	5.75	62	287	0.053	ug/L #	79
33) Benzene	5.74	78	320	0.028	ug/L	100
34) Trichloroethene	6.26	95	911	0.268	ug/L #	6
35) Methylcyclohexane	6.70	83	4386	0.946	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	2203	0.834	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	719	0.151	ug/L	85
44) trans-1,3-Dichloropropene	8.18	75	394	0.083	ug/L #	42
59) 1,2,3-Trichloropropane	11.81	75	2494	0.974	ug/L #	67

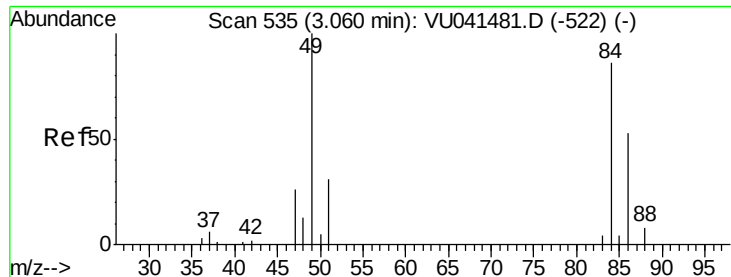
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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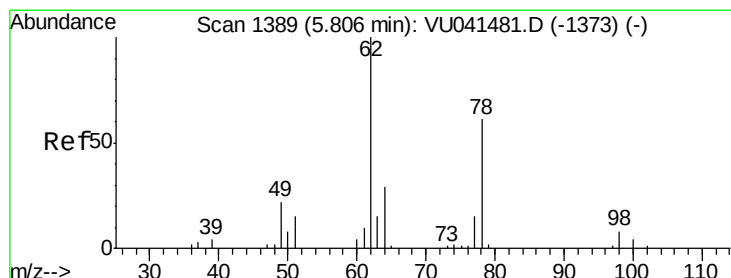
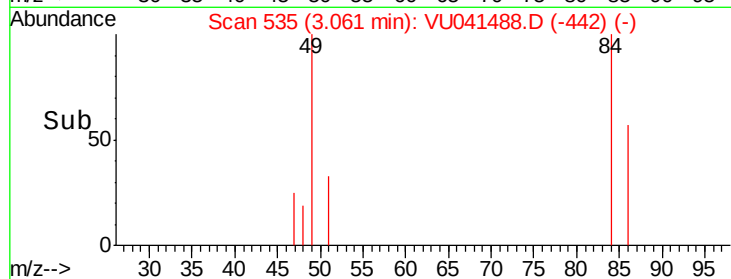
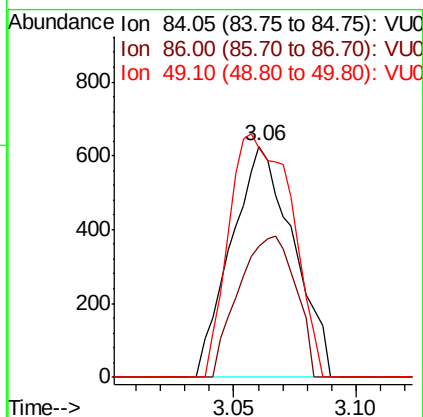
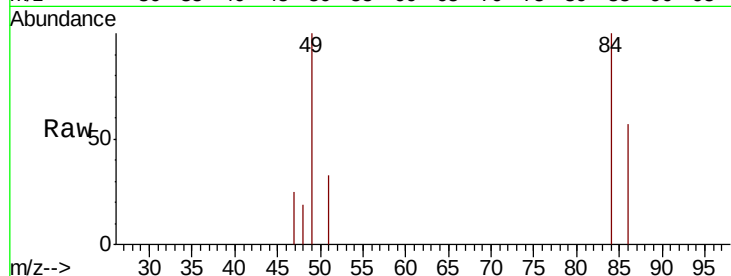




#16
Methylene chloride
Concen: 0.282 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041488.D
Acq: 07 Dec 2020 13:03

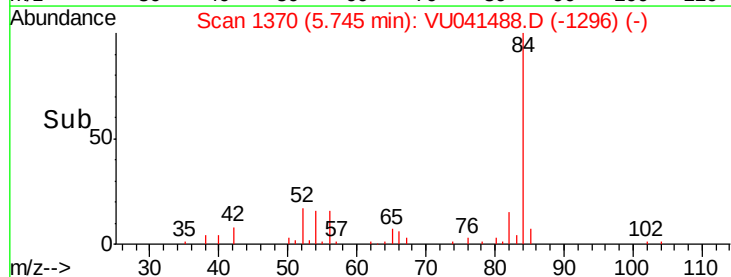
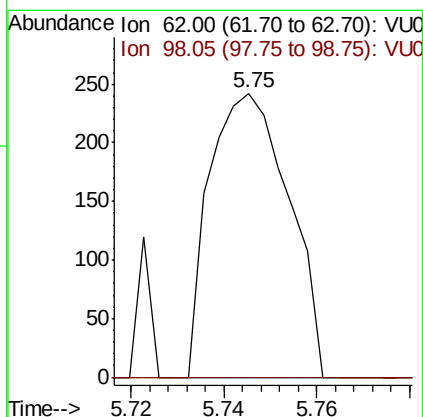
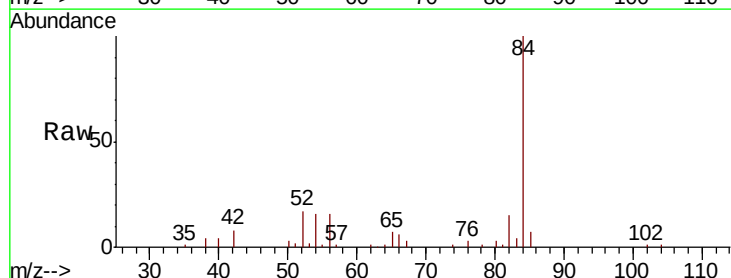
Instrument :
MSVOA_U
ClientSampleId :
VIBLK09

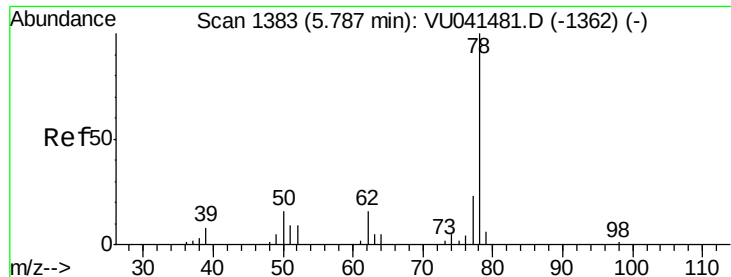
Tot Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
86 57.0 44.1 81.9
49 99.5 86.1 159.9



#27
1,2-Dichloroethane
Concen: 0.053 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041488.D
Acq: 07 Dec 2020 13:03

Tgt Ion: 62 Resp: 287
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#





#33

Benzene

Concen: 0.028 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.04 min

Lab File: VU041488.D

Acq: 07 Dec 2020 13:03

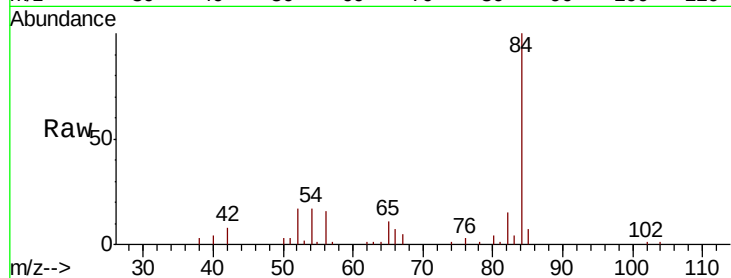
Instrument :

MSVOA_U

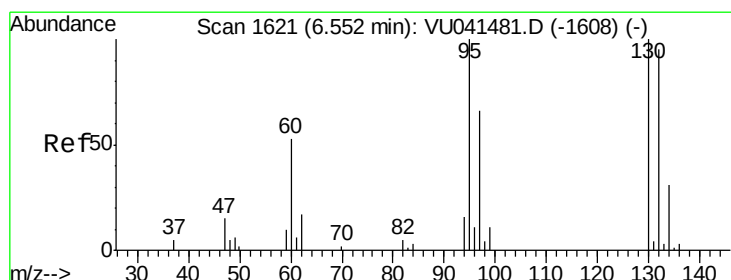
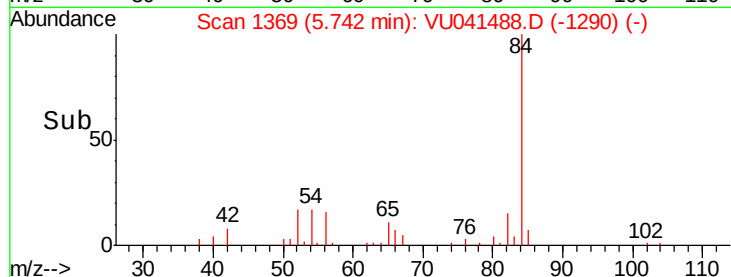
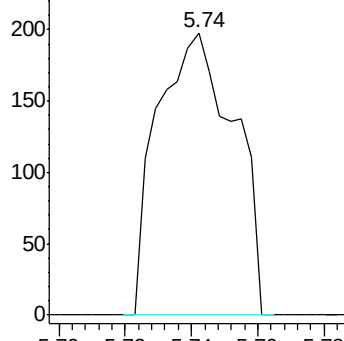
ClientSampleId :

VIBLK09

Tgt Ion: 78 Resp: 320



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.268 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU041488.D

Acq: 07 Dec 2020 13:03

Tgt Ion: 95 Resp: 911

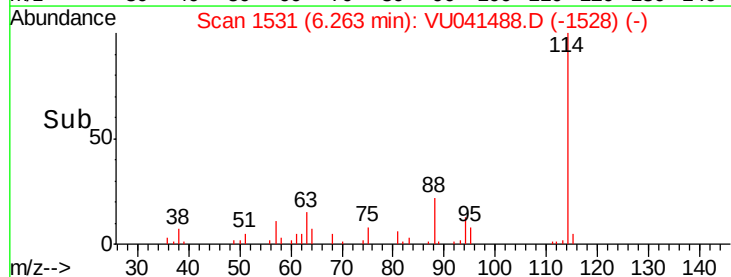
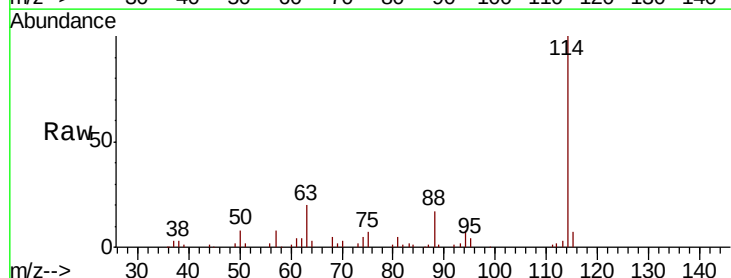
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.7	83.1#
132	0.0	65.7	121.9#
130	0.0	68.8	127.8#

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

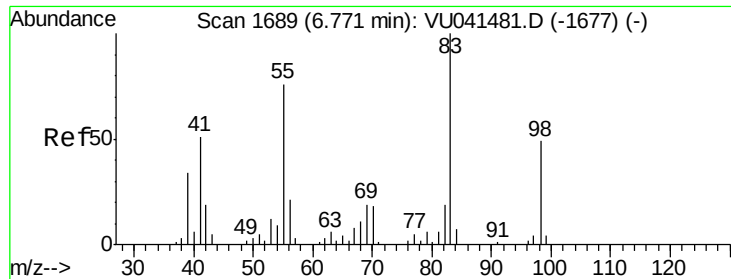


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

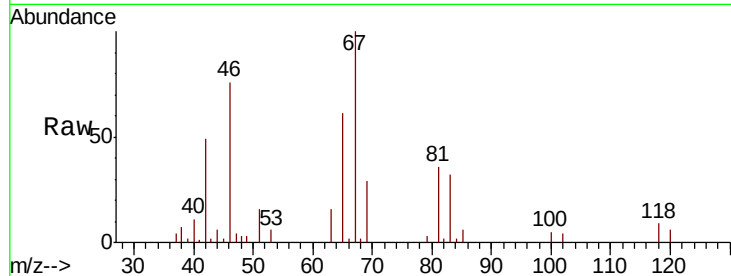
Ion 129.95 (129.65 to 130.65): V



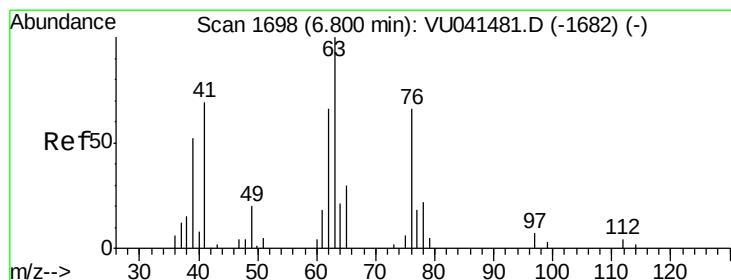
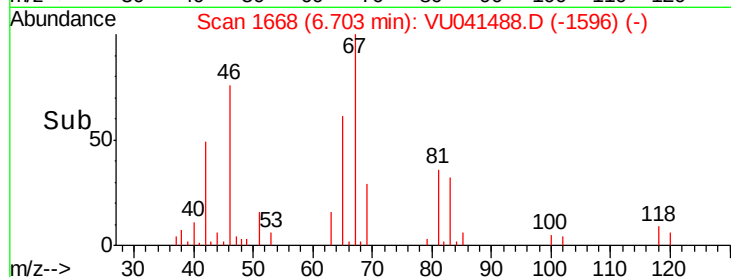
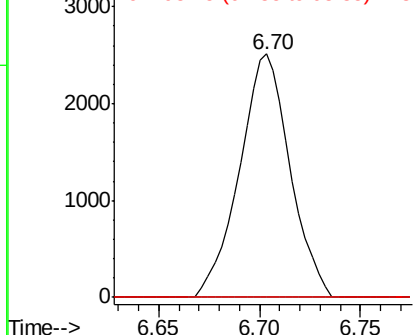
#35
Methylvlcyclohexane
Concen: 0.946 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041488.D
Acq: 07 Dec 2020 13:03

Instrument :
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VIBLK09

Tot Ion: 83 Resp: 4386
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

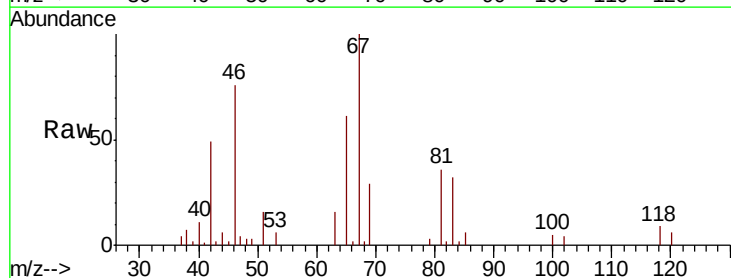


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

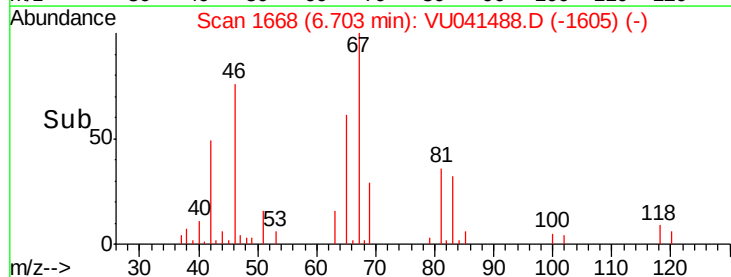
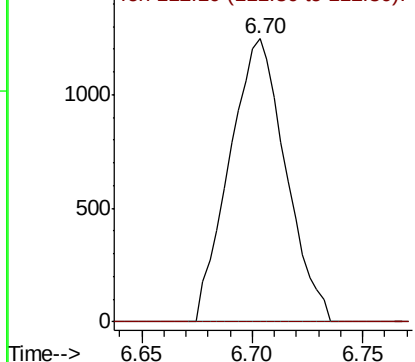


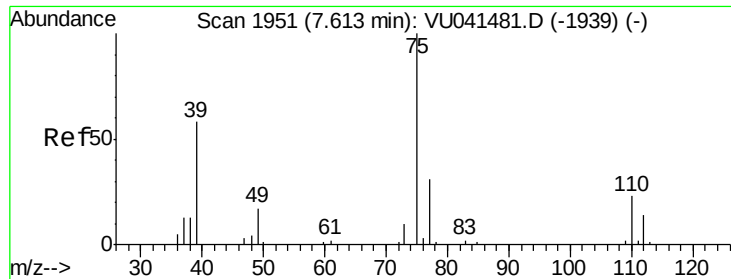
#37
1,2-Dichloropropane
Concen: 0.834 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041488.D
Acq: 07 Dec 2020 13:03

Tgt Ion: 63 Resp: 2203
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

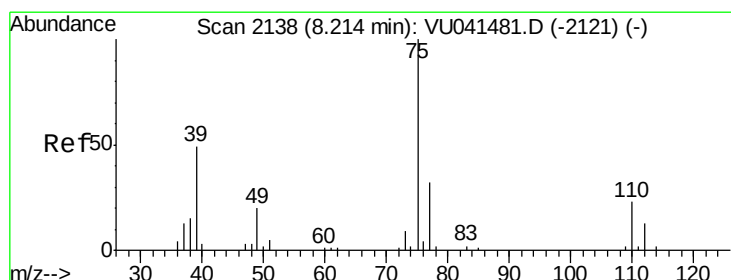
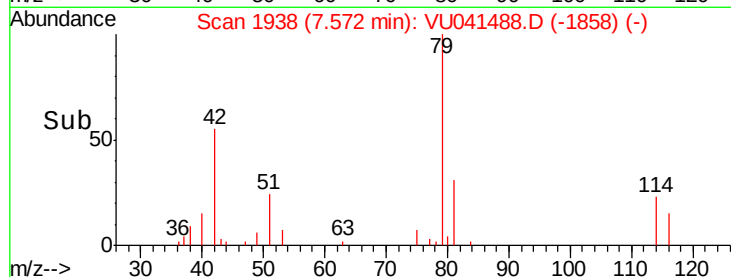
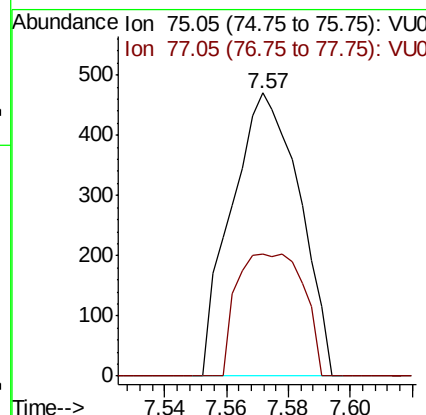
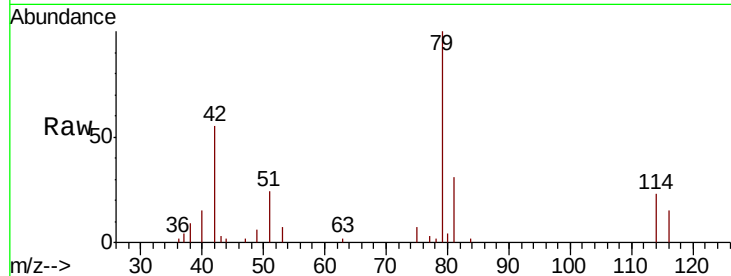




#39
 cis-1,3-Dichloropropene
 Concen: 0.151 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041488.D
 Acq: 07 Dec 2020 13:03

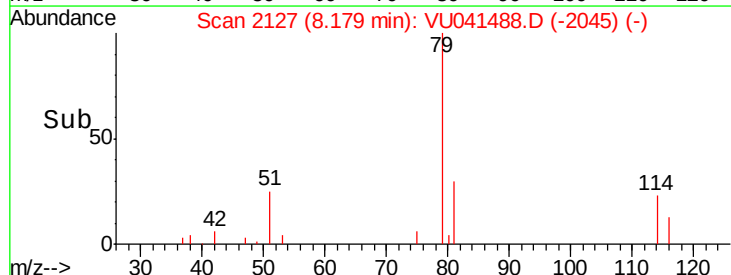
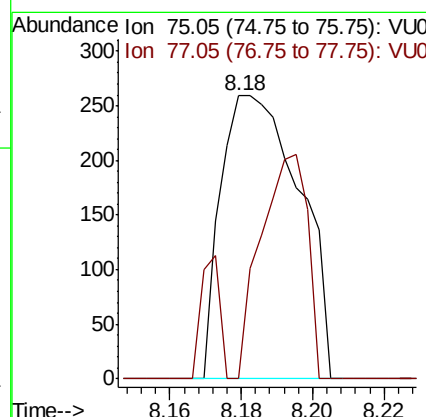
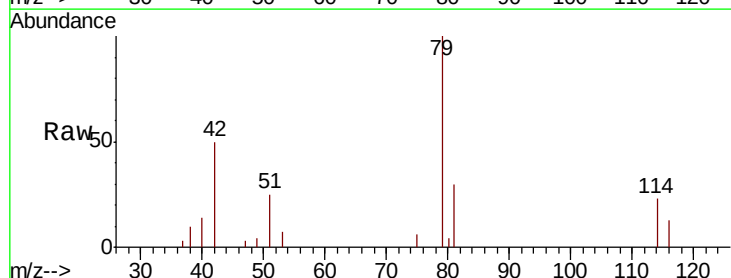
Instrument :
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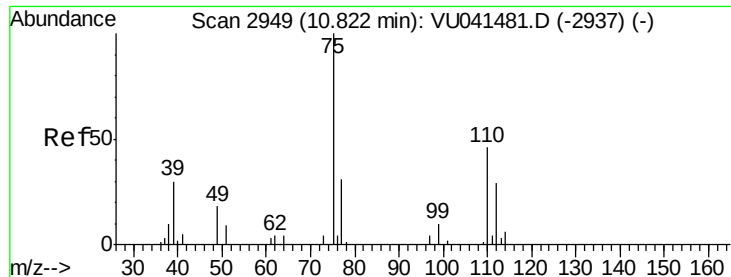
Tot Ion: 75 Resp: 719
 Ion Ratio Lower Upper
 75 100
 77 43.0 24.0 44.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU041488.D
 Acq: 07 Dec 2020 13:03

Tgt Ion: 75 Resp: 394
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.7 42.3#





#59

1,2,3-Trichloropropane

Concen: 0.974 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041488.D

Acq: 07 Dec 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

VIBLK09

Tot Ion: 75 Resp: 2494

Ion Ratio Lower Upper

75 100

77 51.6 26.3 39.5#

