

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040482.D
 Acq On : 03 Oct 2020 16:18
 Operator : SY/MD
 Sample : L4185-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Oct 05 01:03:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119445	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30995	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.92	69	26009	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	49865	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.66	46	132462	45.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.20%
24) Chloroform-d	5.08	84	66597	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	41510	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.75	84	124790	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.70	67	41963	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.91	98	102085	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.19	79	16195	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	86407	40.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37767	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	40614	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

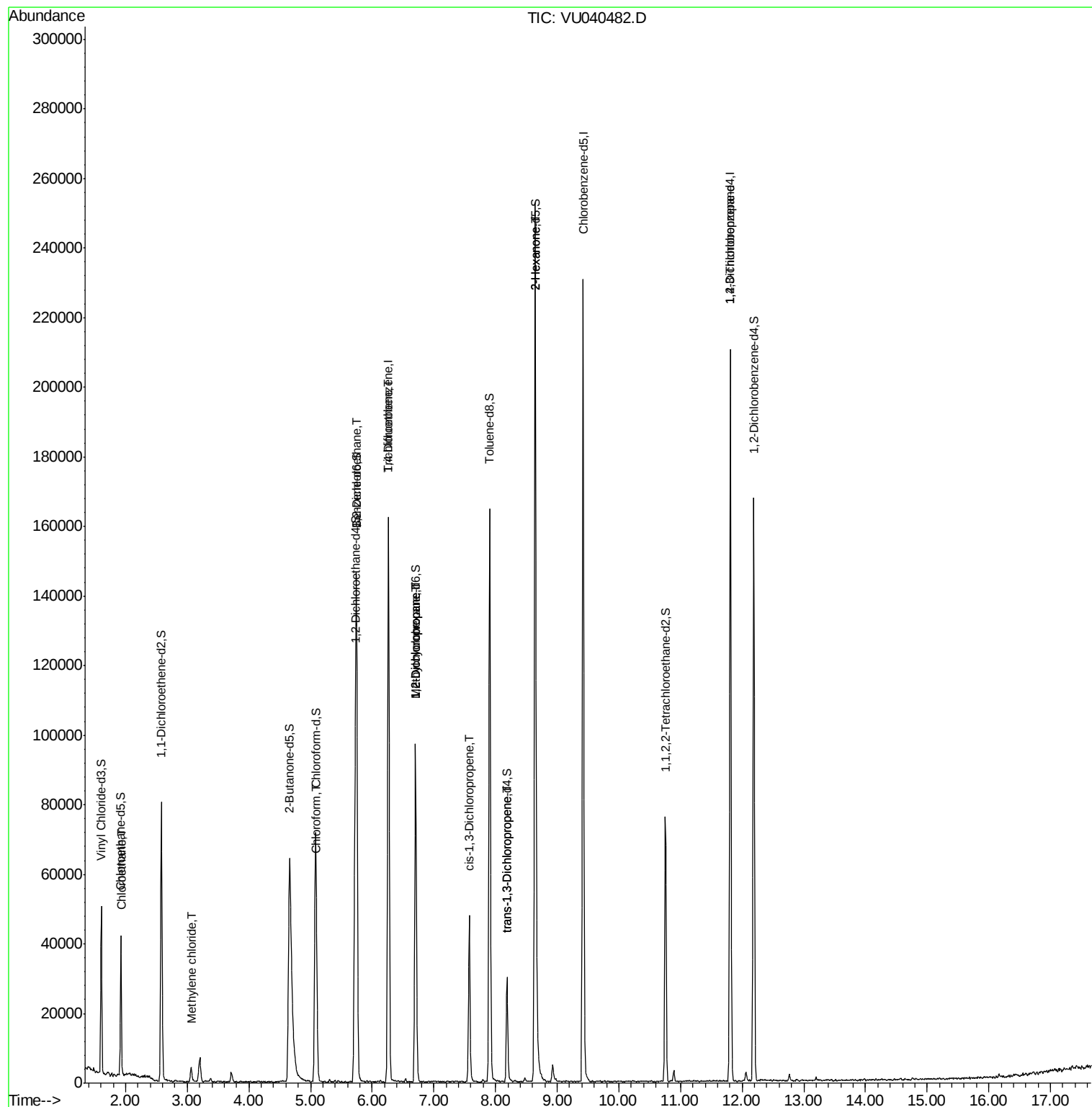
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	353	0.052	ug/L #	44
16) Methylene chloride	3.06	84	1945	0.170	ug/L	94
25) Chloroform	5.11	83	2816	0.143	ug/L	96
27) 1,2-Dichloroethane	5.74	62	642	0.047	ug/L #	74
34) Trichloroethene	6.26	95	2218	0.205	ug/L #	8
35) Methylcyclohexane	6.70	83	9985	0.629	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4607	0.406	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1072	0.070	ug/L #	74
44) trans-1,3-Dichloropropene	8.19	75	882	0.063	ug/L	92
48) 2-Hexanone	8.65	43	11763	1.797	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	7975	0.970	ug/L	89

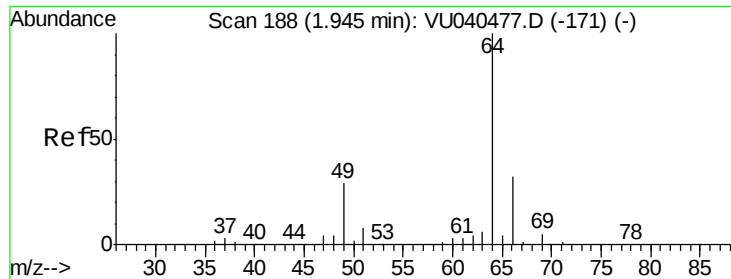
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.052 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU040482.D

Acq: 03 Oct 2020 16:18

Instrument :

MSVOA_U

ClientSampleId :

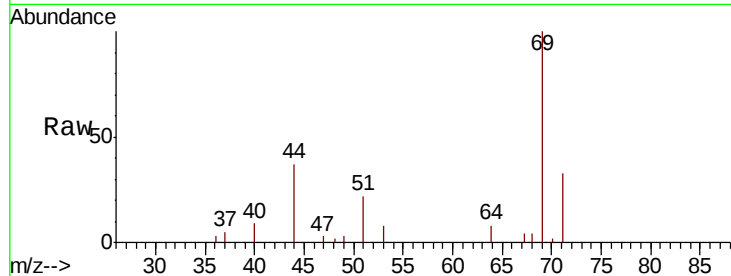
VHBLK02

Tot Ion: 64 Resp: 353

Ion Ratio Lower Upper

64 100

66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

400

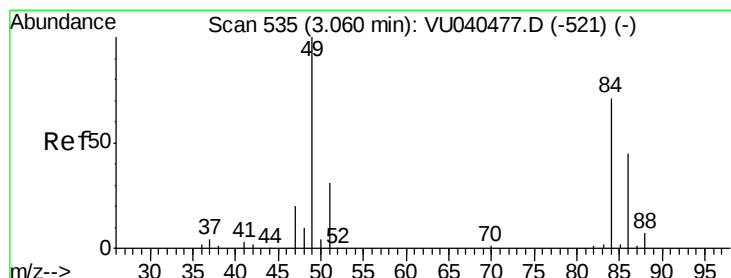
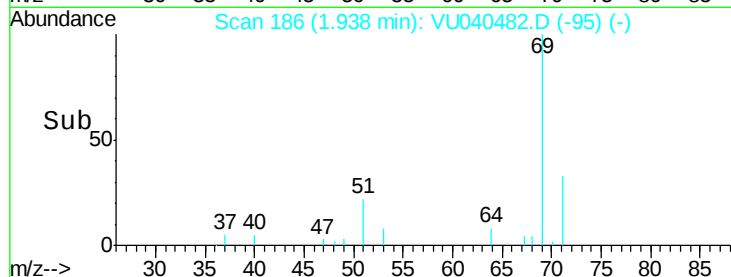
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 0.170 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040482.D

Acq: 03 Oct 2020 16:18

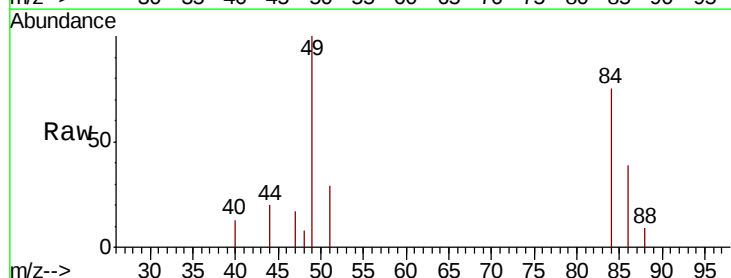
Tgt Ion: 84 Resp: 1945

Ion Ratio Lower Upper

84 100

86 52.4 44.4 82.5

49 133.8 92.2 171.2



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

2000

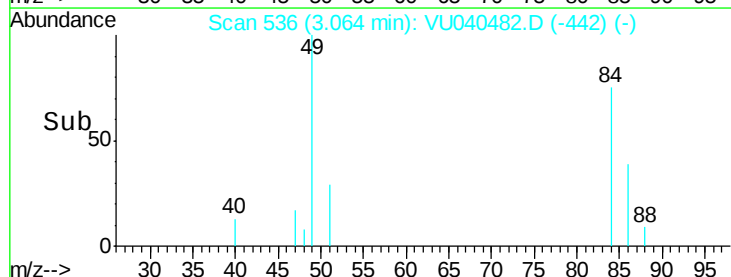
1500

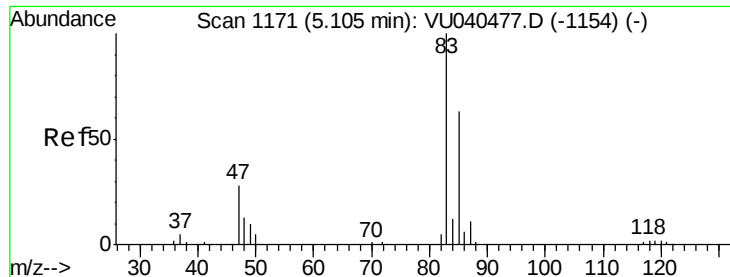
1000

500

0

Time-->

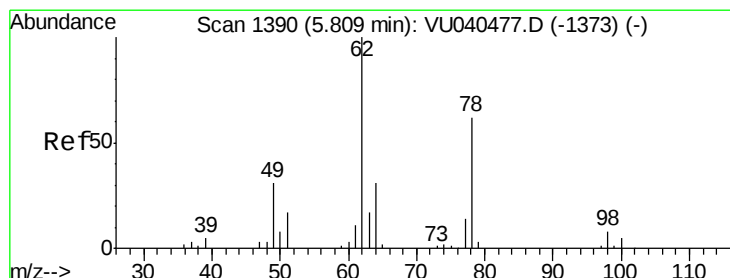
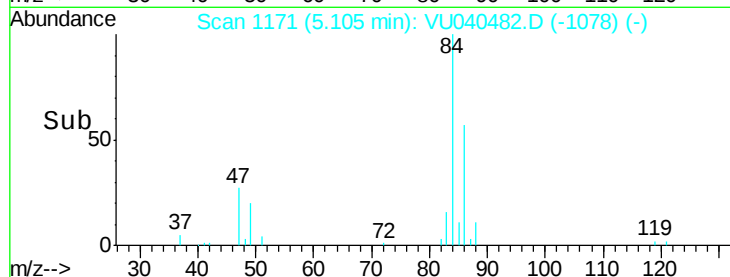
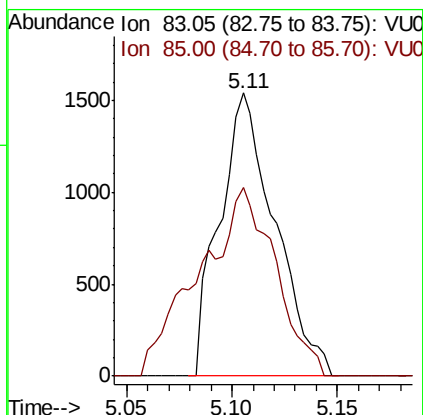
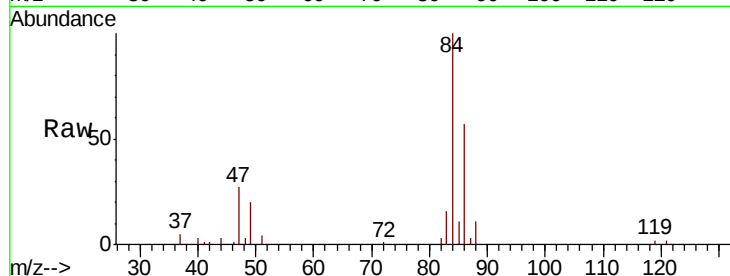




#25
Chloroform
Concen: 0.143 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040482.D
Acq: 03 Oct 2020 16:18

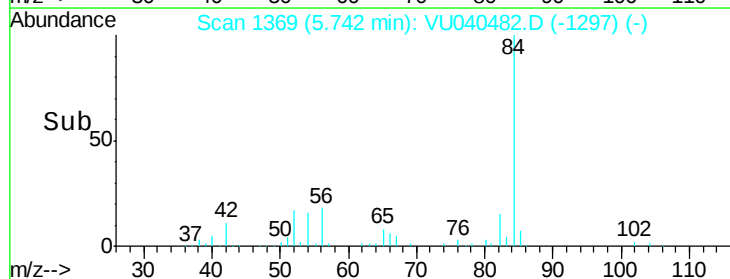
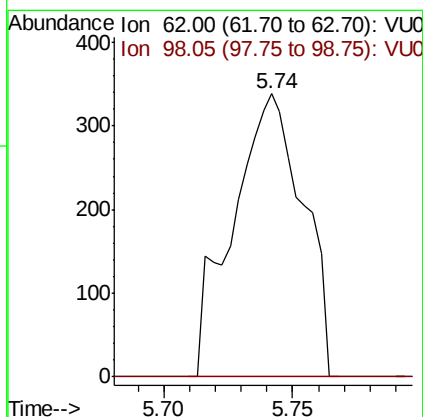
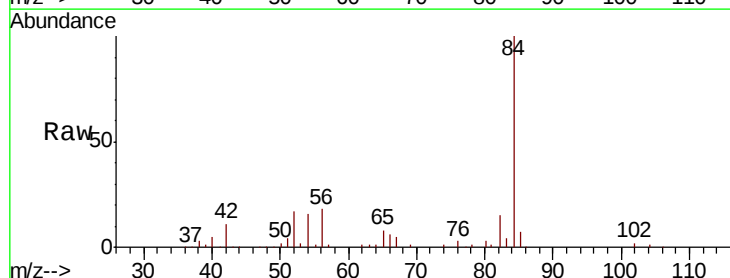
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

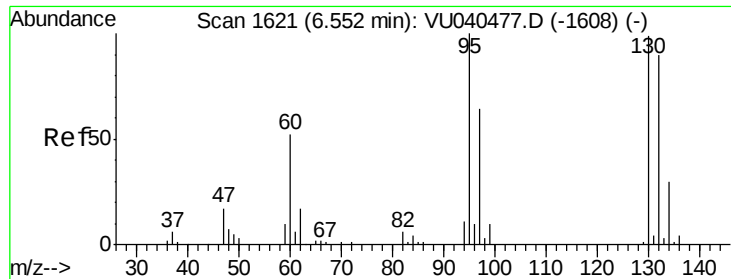
Tot Ion: 83 Resp: 2816
Ion Ratio Lower Upper
83 100
85 66.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.047 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040482.D
Acq: 03 Oct 2020 16:18

Tgt Ion: 62 Resp: 642
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

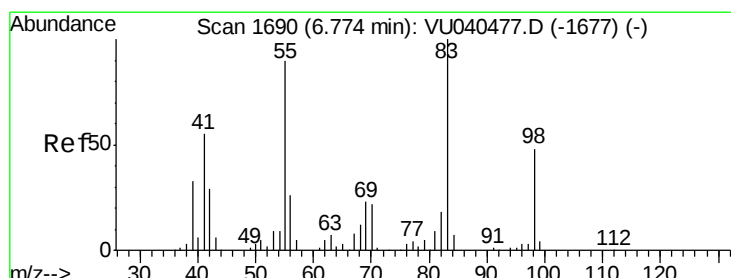
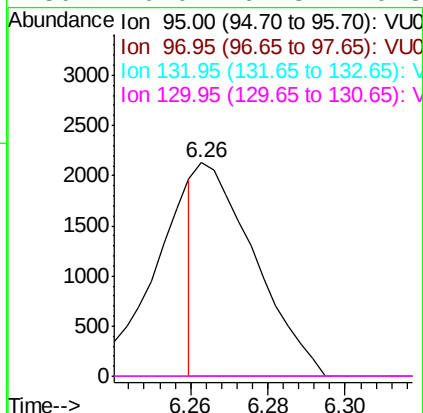
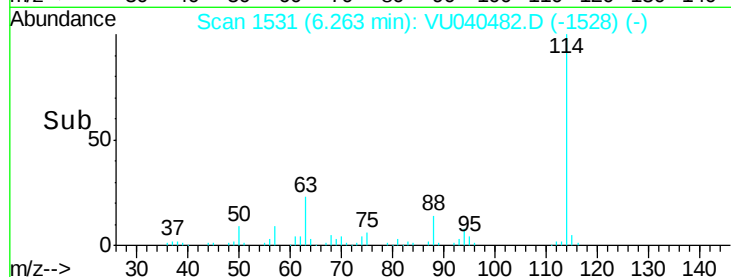
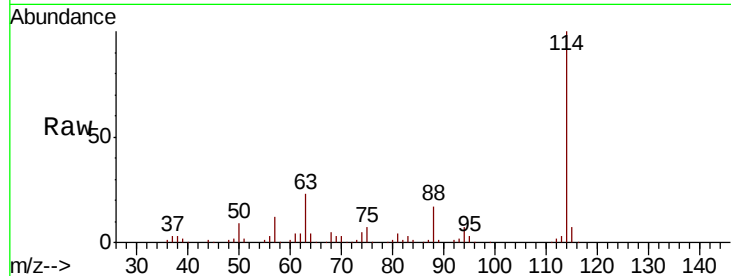




#34
 Trichloroethene
 Concen: 0.205 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU040482.D
 Acq: 03 Oct 2020 16:18

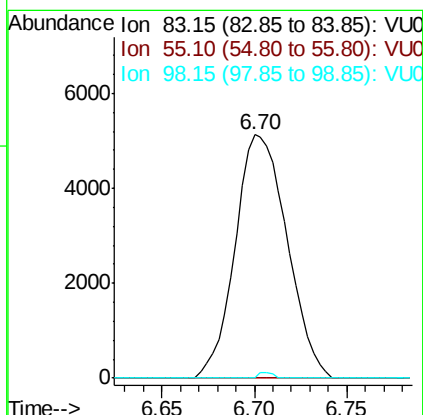
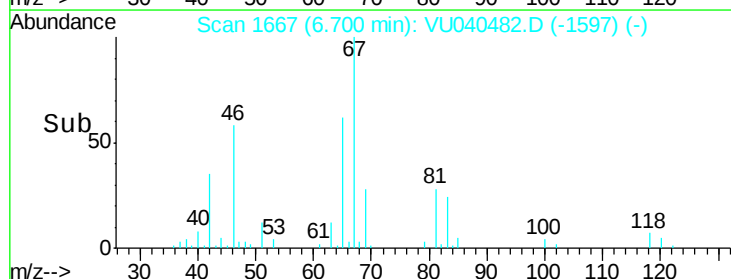
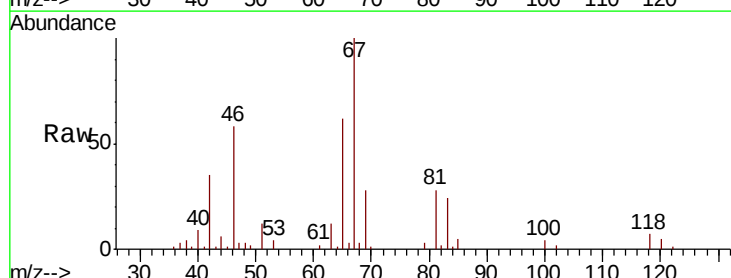
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

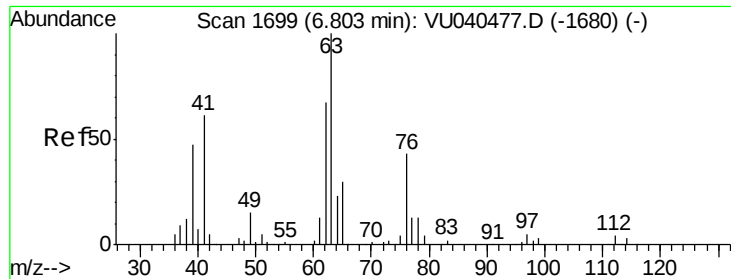
Tot Ion: 95 Resp: 2218
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 60.5 112.3#
 130 0.0 64.3 119.3#



#35
 Methylcyclohexane
 Concen: 0.629 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU040482.D
 Acq: 03 Oct 2020 16:18

Tgt Ion: 83 Resp: 9985
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.6 38.5 57.7#

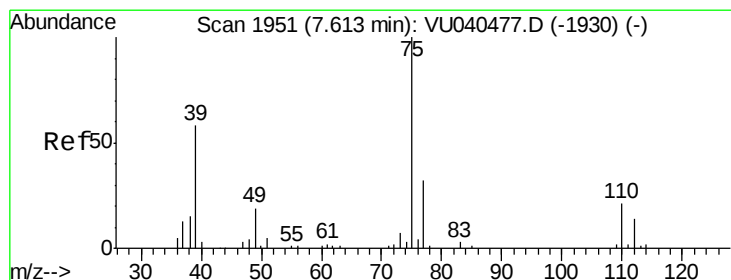
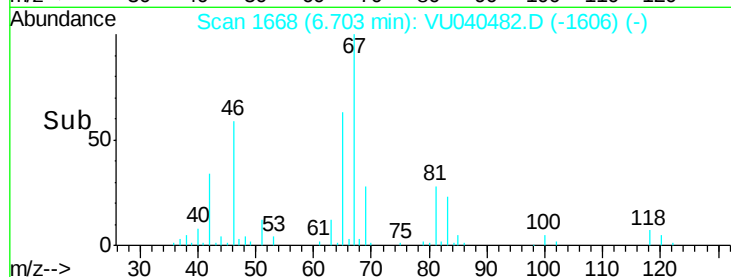
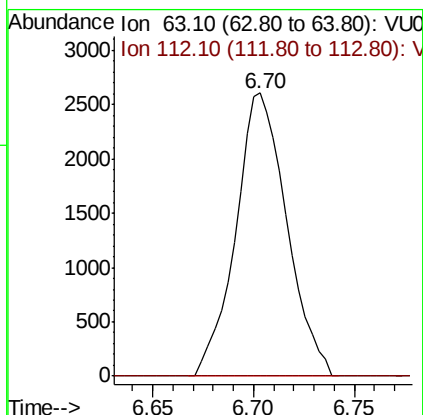
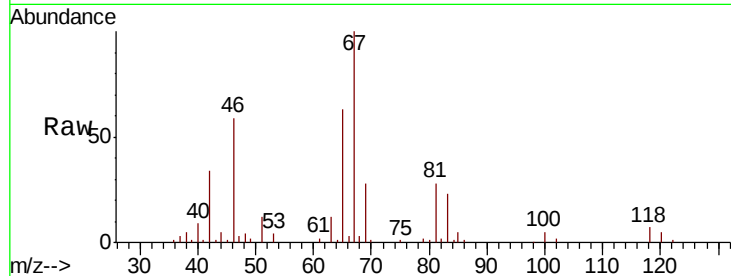




#37
 1,2-Dichloropropane
 Concen: 0.406 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040482.D
 Acq: 03 Oct 2020 16:18

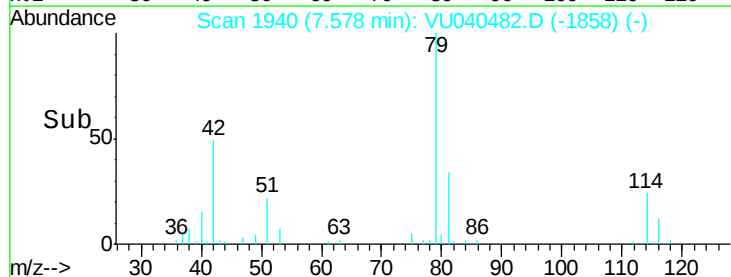
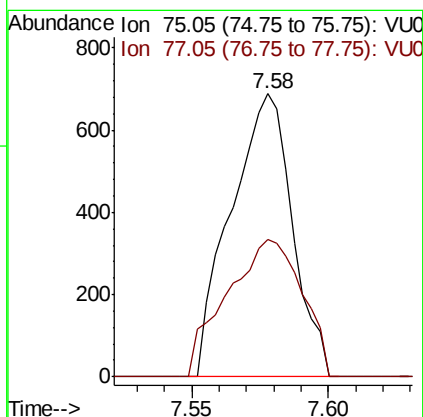
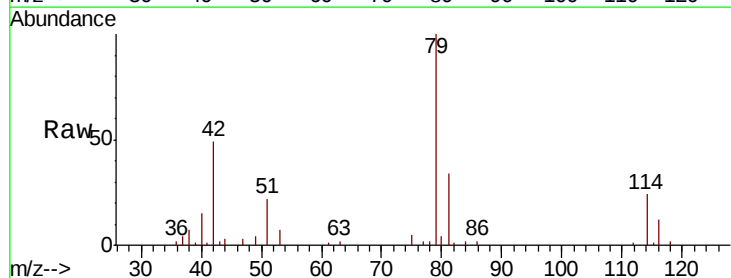
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 ClientSampleId :
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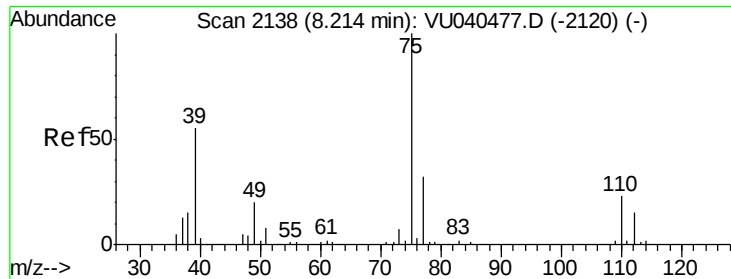
Tot Ion: 63 Resp: 4607
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040482.D
 Acq: 03 Oct 2020 16:18

Tgt Ion: 75 Resp: 1072
 Ion Ratio Lower Upper
 75 100
 77 48.5 23.5 43.7#

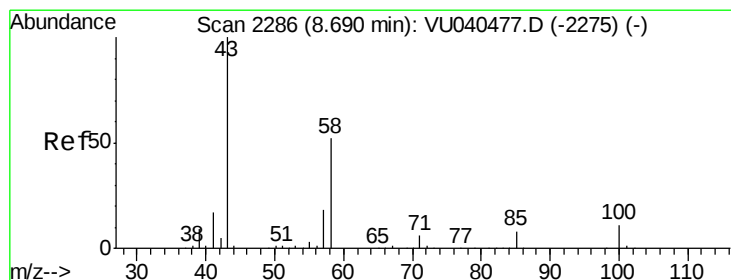
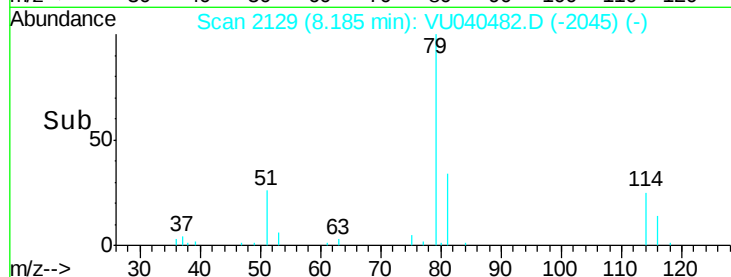
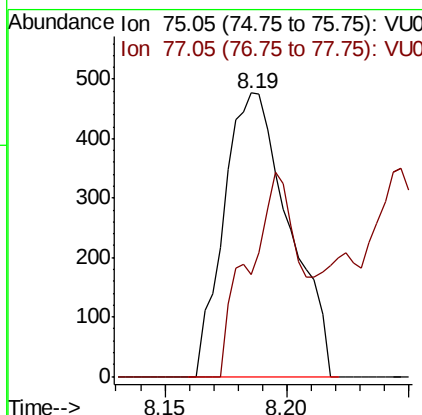
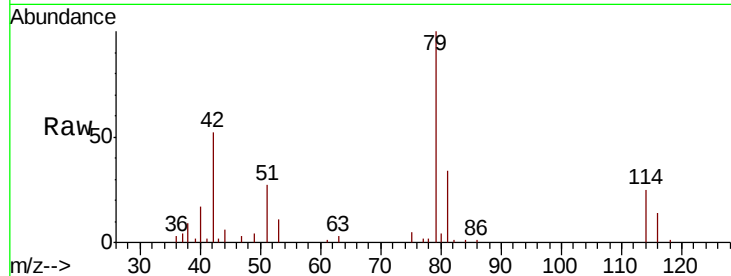




#44
trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040482.D
Acq: 03 Oct 2020 16:18

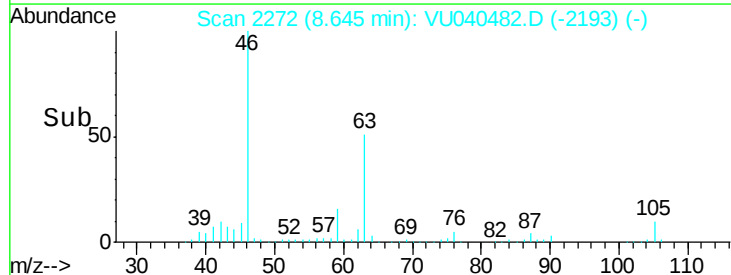
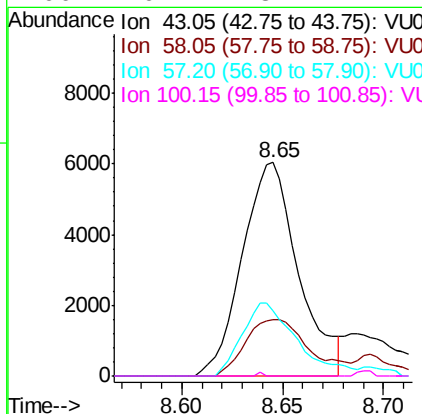
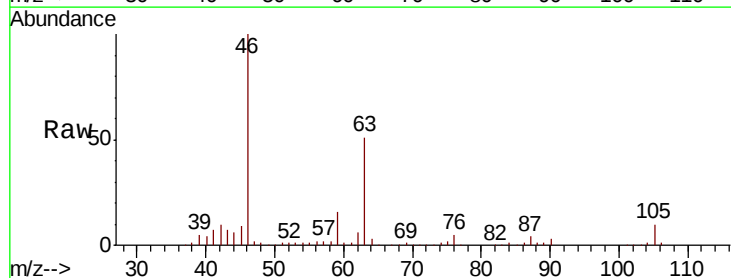
Instrument :
MSVOA_U
ClientSampled :
VHBLK02

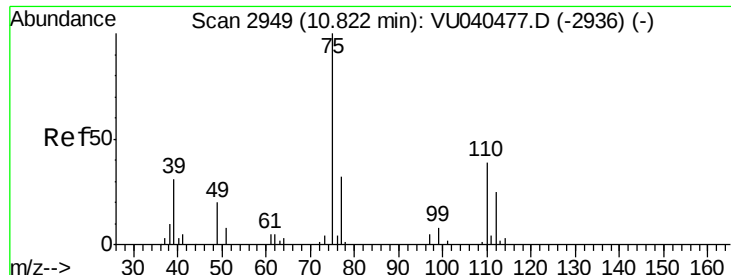
Tot Ion: 75 Resp: 882
Ion Ratio Lower Upper
75 100
77 36.1 22.3 41.3



#48
2-Hexanone
Concen: 1.797 ug/L
RT: 8.65 min Scan# 2272
Delta R.T. -0.04 min
Lab File: VU040482.D
Acq: 03 Oct 2020 16:18

Tgt Ion: 43 Resp: 11763
Ion Ratio Lower Upper
43 100
58 30.2 41.0 61.4#
57 33.2 14.6 22.0#
100 0.2 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 0.970 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040482.D

Acq: 03 Oct 2020 16:18

Instrument :

MSVOA_U

ClientSampleId :

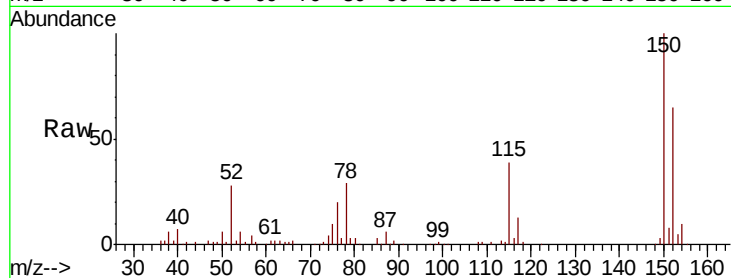
VHBLK02

Tot Ion: 75 Resp: 7975

Ion Ratio Lower Upper

75 100

77 38.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

