

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040519.D
 Acq On : 05 Oct 2020 18:59
 Operator : SY/MD
 Sample : L4266-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 06 07:55:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120002	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53477	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28281	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	23798	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	44370	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.65	46	122155	41.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.78%
24) Chloroform-d	5.08	84	59507	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.72	65	39551	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.75	84	117068	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	40176	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	94532	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	15160	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	80433	37.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35648	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	38068	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

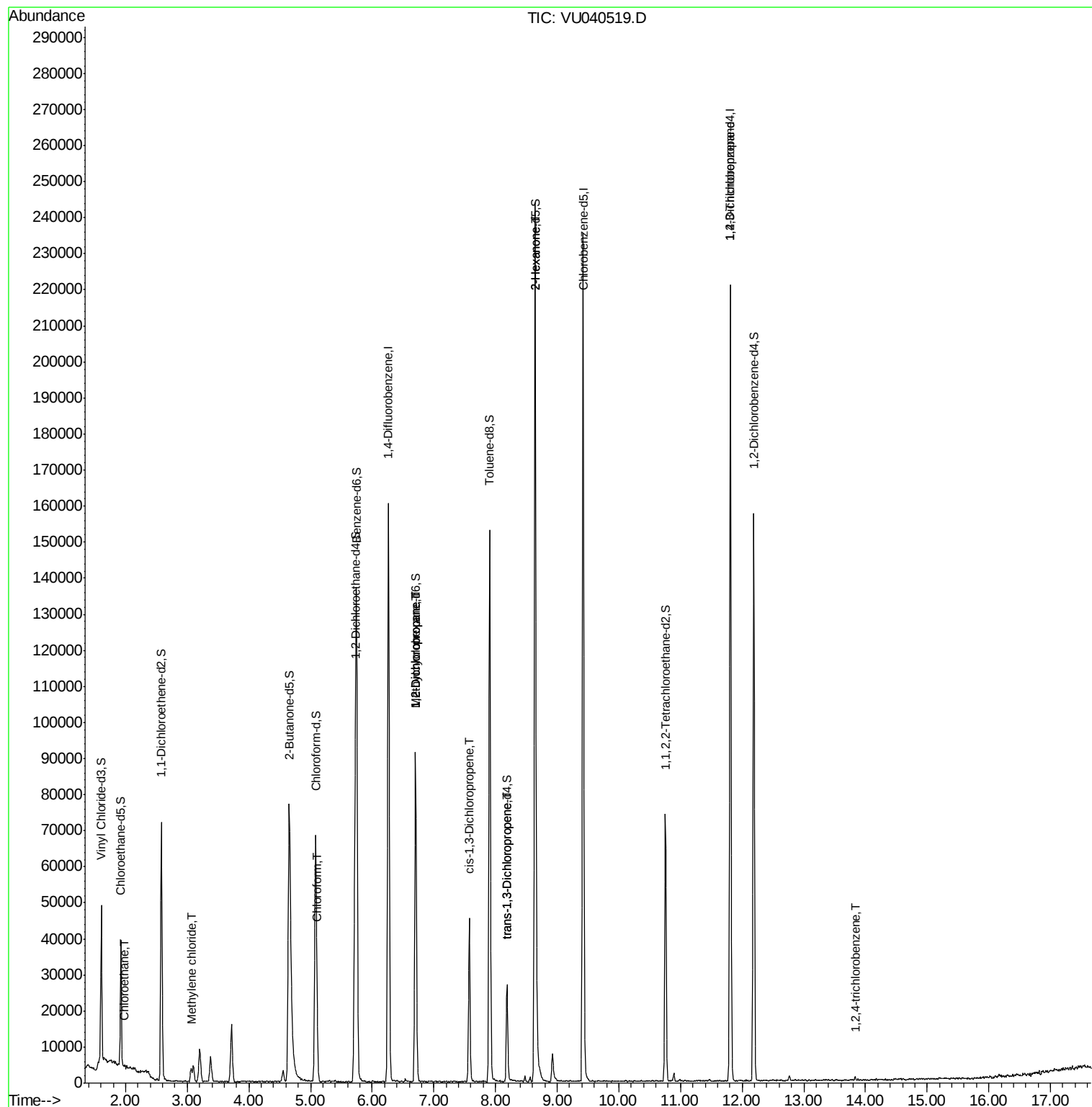
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.97	64	463	0.067	ug/L #	44
16) Methylene chloride	3.06	84	1488	0.130	ug/L	85
25) Chloroform	5.11	83	3967	0.201	ug/L	95
35) Methylcyclohexane	6.70	83	9691	0.611	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4452	0.393	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1116	0.073	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	759	0.054	ug/L #	72
48) 2-Hexanone	8.64	43	10896	1.665	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	8319	1.012	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	474	0.047	ug/L #	49

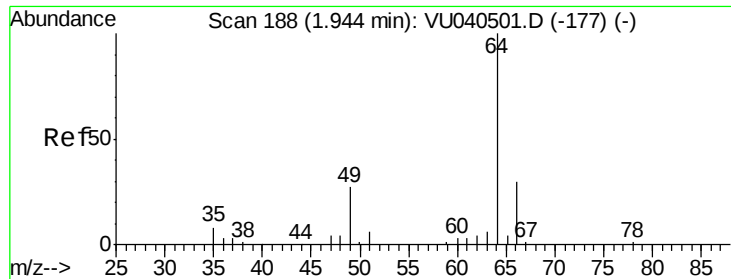
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.067 ug/L

RT: 1.97 min Scan# 195

Delta R.T. 0.02 min

Lab File: VU040519.D

Acq: 05 Oct 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

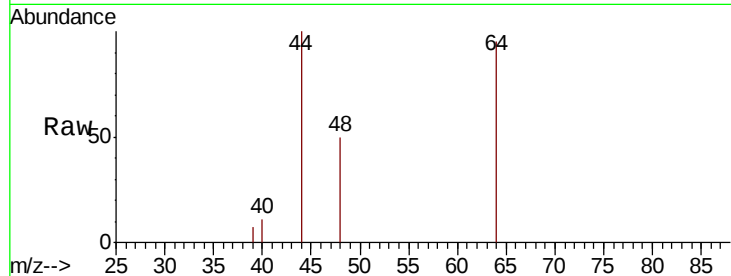
VHBLK01

Tot Ion: 64 Resp: 463

Ion Ratio Lower Upper

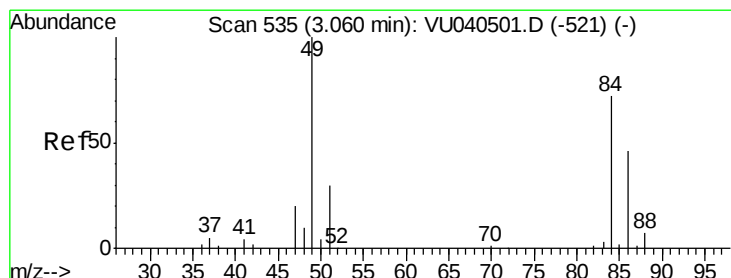
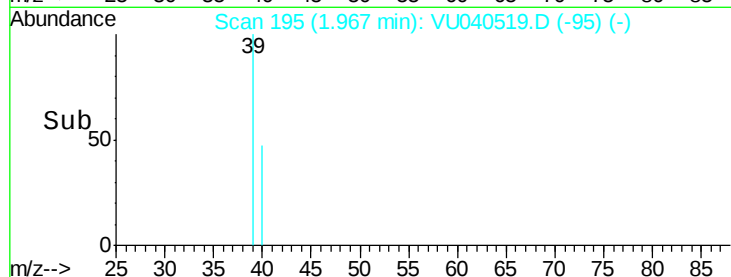
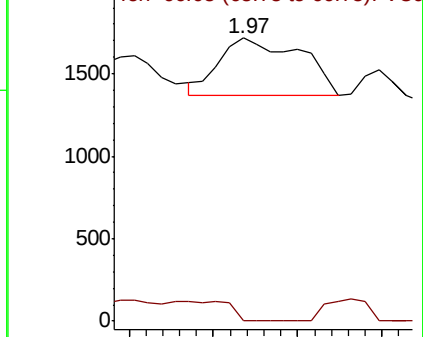
64 100

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



#16

Methylene chloride

Concen: 0.130 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040519.D

Acq: 05 Oct 2020 18:59

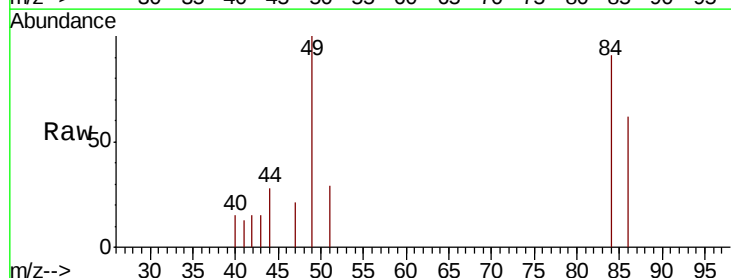
Tgt Ion: 84 Resp: 1488

Ion Ratio Lower Upper

84 100

86 68.3 44.4 82.5

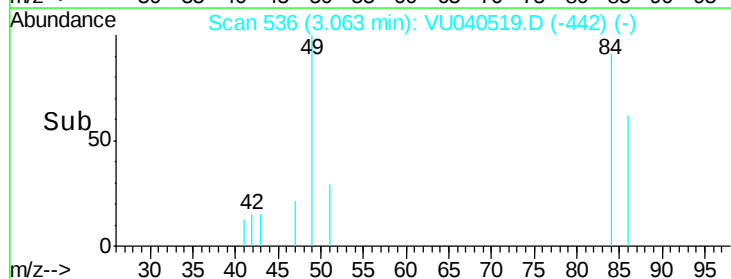
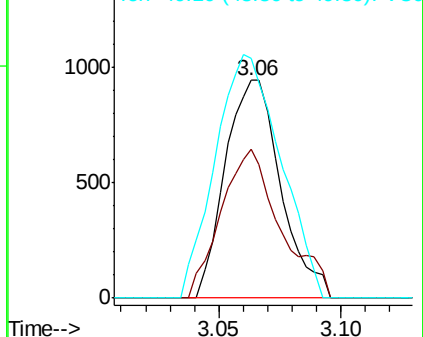
49 110.0 92.2 171.2

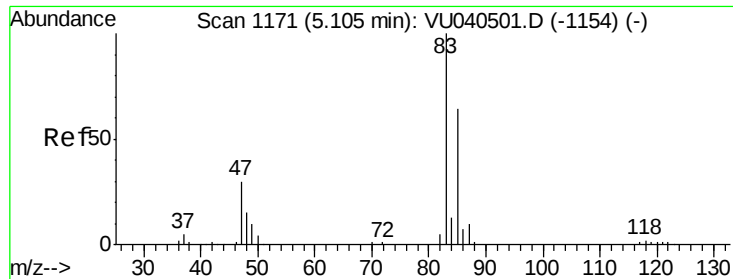


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

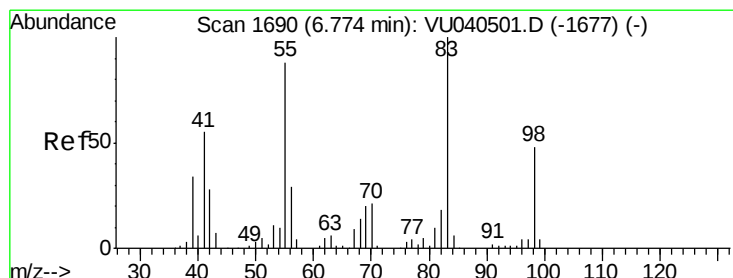
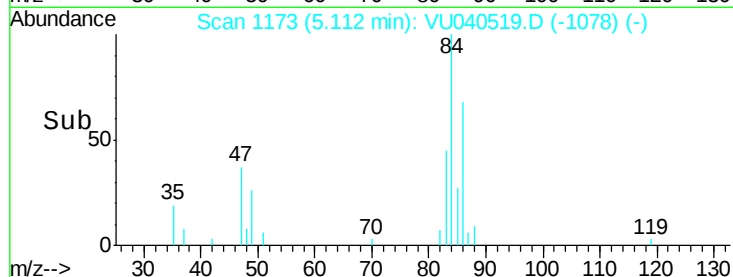
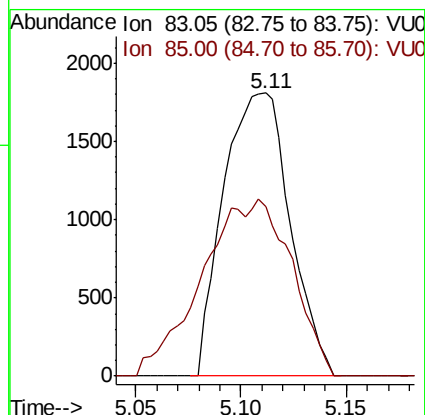
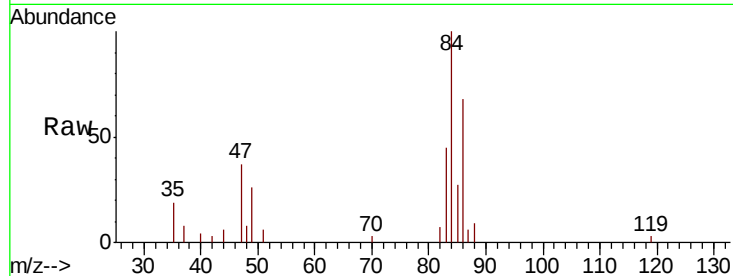




#25
Chloroform
Concen: 0.201 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040519.D
Acq: 05 Oct 2020 18:59

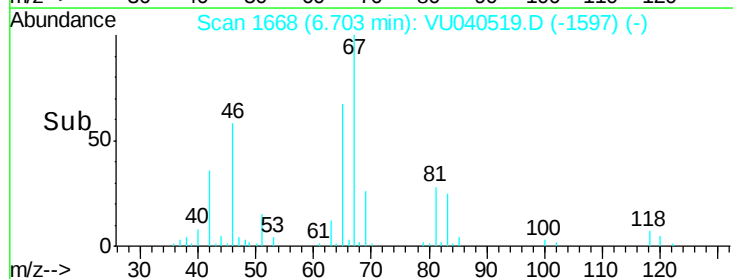
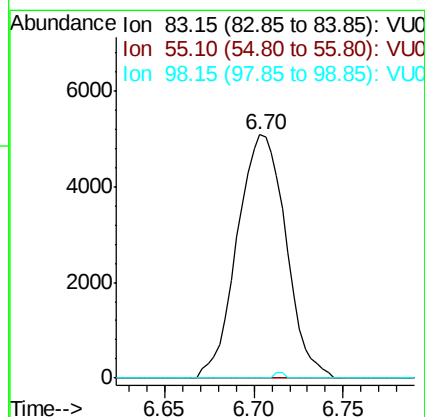
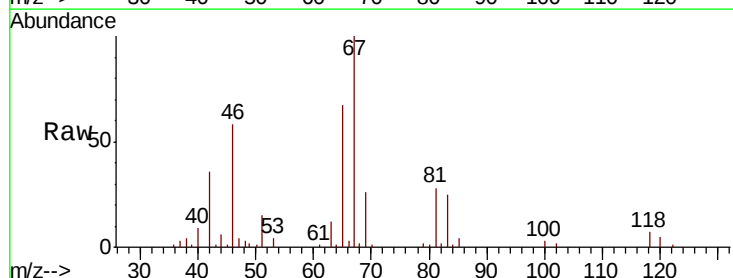
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

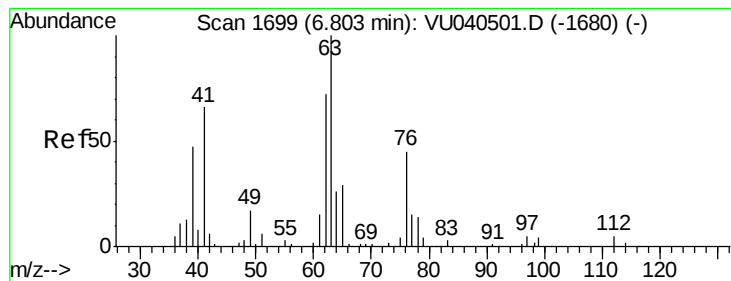
Tot Ion: 83 Resp: 3967
Ion Ratio Lower Upper
83 100
85 59.9 44.6 82.8



#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040519.D
Acq: 05 Oct 2020 18:59

Tgt Ion: 83 Resp: 9691
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.5 38.5 57.7#





#37

1,2-Dichloropropane

Concen: 0.393 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040519.D

Acq: 05 Oct 2020 18:59

Instrument :

MSVOA_U

ClientSampled :

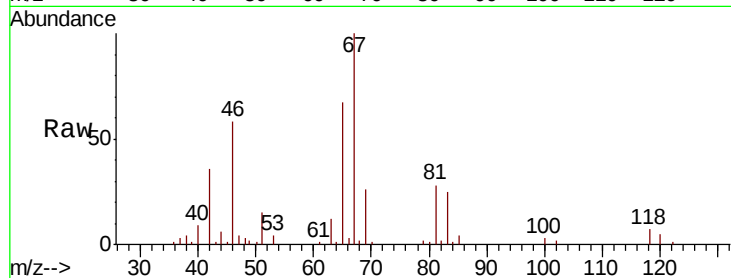
VHBLK01

Tot Ion: 63 Resp: 4452

Ion Ratio Lower Upper

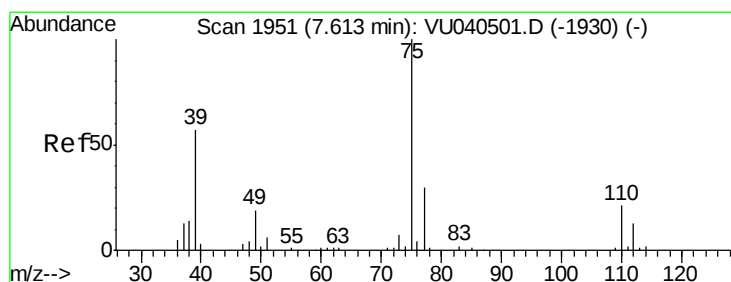
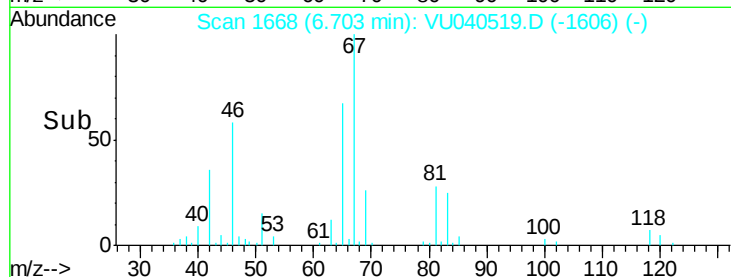
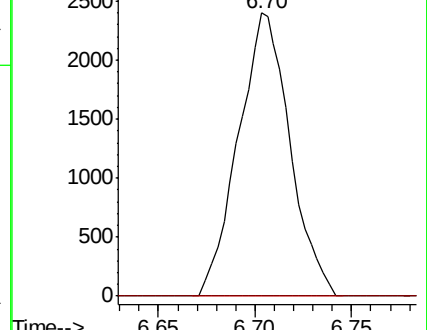
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040519.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU040519.D (-1668) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040519.D

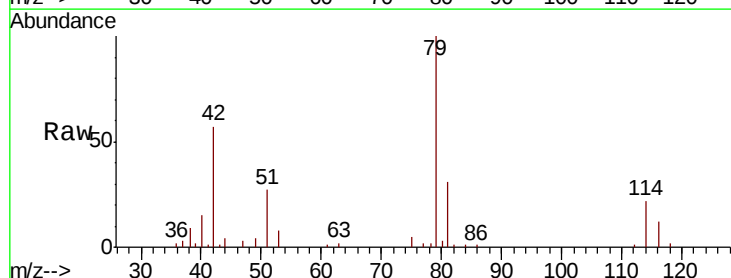
Acq: 05 Oct 2020 18:59

Tgt Ion: 75 Resp: 1116

Ion Ratio Lower Upper

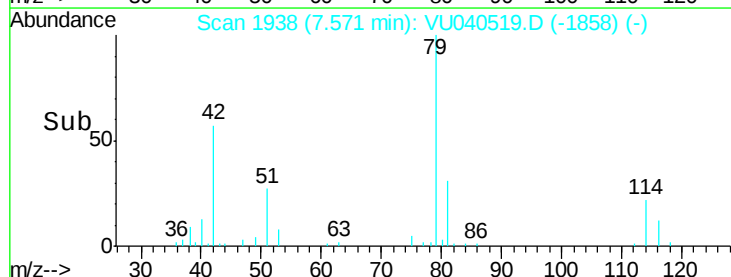
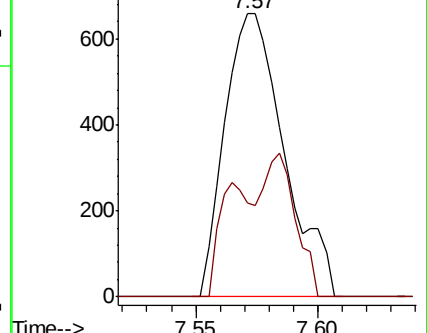
75 100

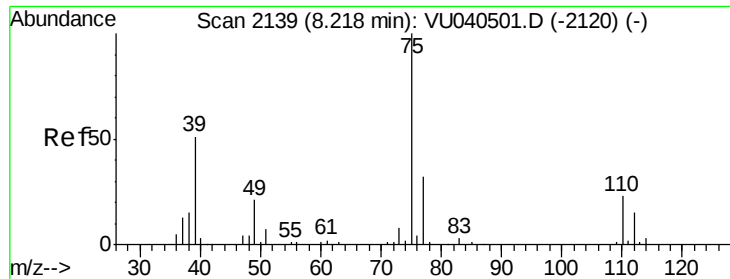
77 33.3 23.5 43.7



Abundance Ion 75.05 (74.75 to 75.75): VU040519.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU040519.D (-1858) (-)

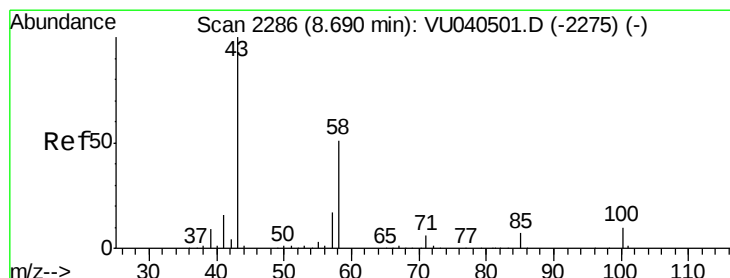
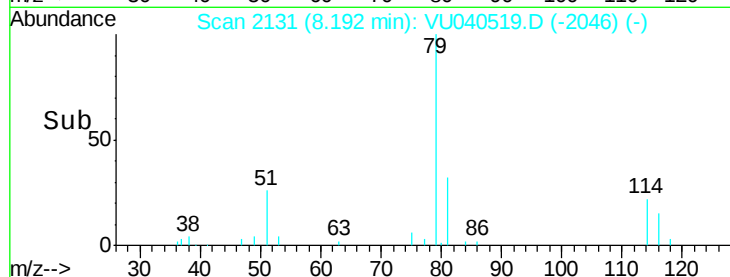
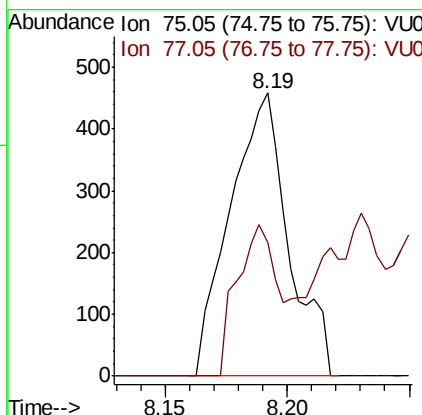
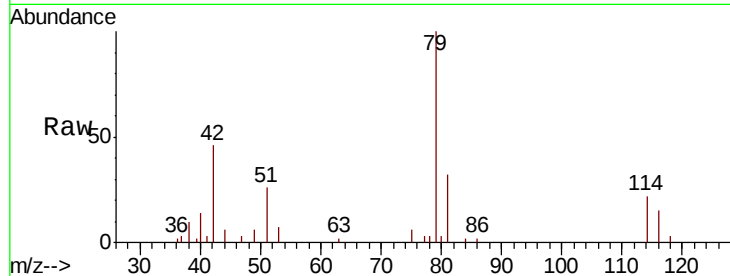




#44
trans-1,3-Dichloropropene
Concen: 0.054 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.03 min
Lab File: VU040519.D
Acq: 05 Oct 2020 18:59

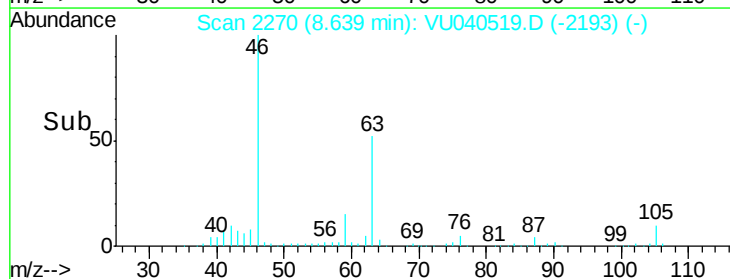
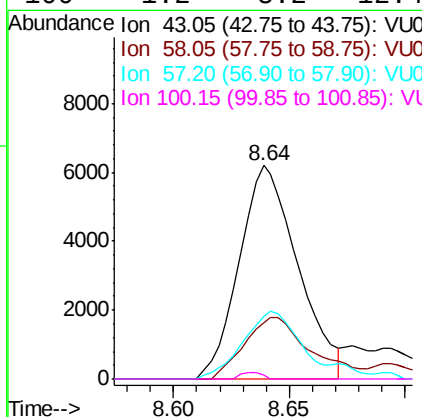
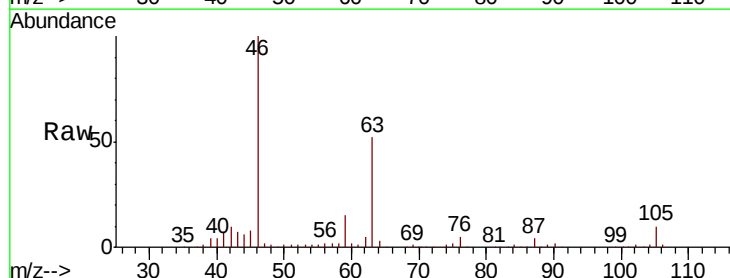
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

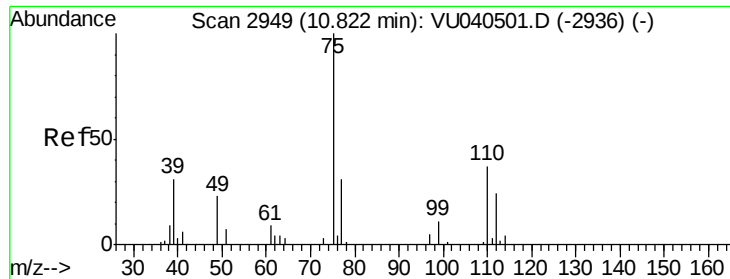
Tot Ion: 75 Resp: 759
Ion Ratio Lower Upper
75 100
77 47.4 22.3 41.3#



#48
2-Hexanone
Concen: 1.665 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040519.D
Acq: 05 Oct 2020 18:59

Tgt Ion: 43 Resp: 10896
Ion Ratio Lower Upper
43 100
58 32.4 41.0 61.4#
57 34.7 14.6 22.0#
100 1.2 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 1.012 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040519.D

Acq: 05 Oct 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

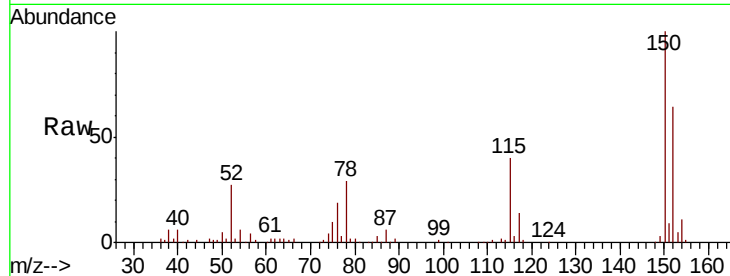
VHBLK01

Tot Ion: 75 Resp: 8319

Ion Ratio Lower Upper

75 100

77 34.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU040519.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040519.D (-2936) (-)

11.81

6000

5000

4000

3000

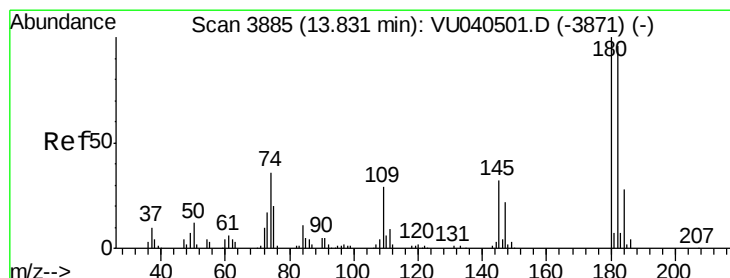
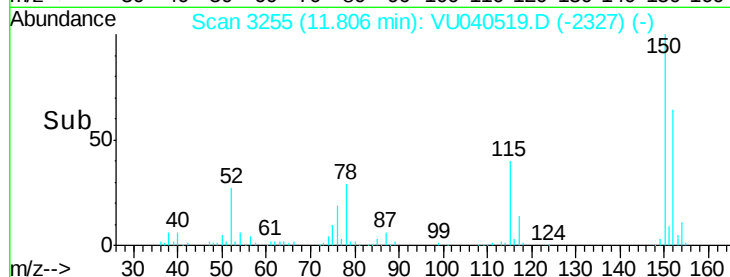
2000

1000

0

Time-->

11.75 11.80 11.85



#68

1,2,4-trichlorobenzene

Concen: 0.047 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040519.D

Acq: 05 Oct 2020 18:59

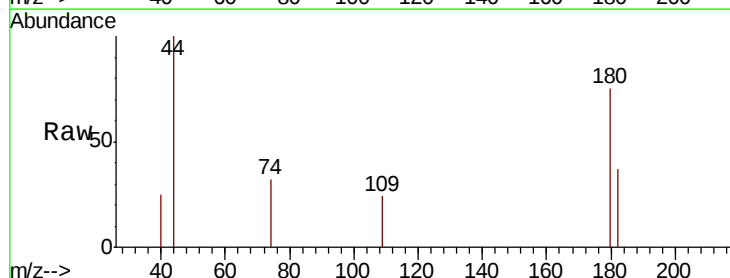
Tgt Ion: 180 Resp: 474

Ion Ratio Lower Upper

180 100

182 48.3 76.6 115.0#

145 0.0 26.3 39.5#



Abundance Ion 179.90 (179.60 to 180.60): VU040519.D (-3871) (-)

Ion 182.00 (181.70 to 182.70): VU040519.D (-3871) (-)

Ion 144.95 (144.65 to 145.65): VU040519.D (-3871) (-)

600

500

400

300

200

100

0

Time-->

13.80 13.82 13.84 13.86

