

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040406.D
 Acq On : 30 Sep 2020 18:21
 Operator : SY/MD
 Sample : L4186-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E8DL

Quant Time: Oct 01 03:08:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	138949	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64171	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26227	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.92	69	26484	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.58	63	43116	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.65	46	163153	47.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	5.08	84	69636	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.72	65	44340	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.74	84	123824	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.70	67	45652	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.91	98	92751	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.19	79	16878	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.64	63	110028	44.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44366	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44121	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

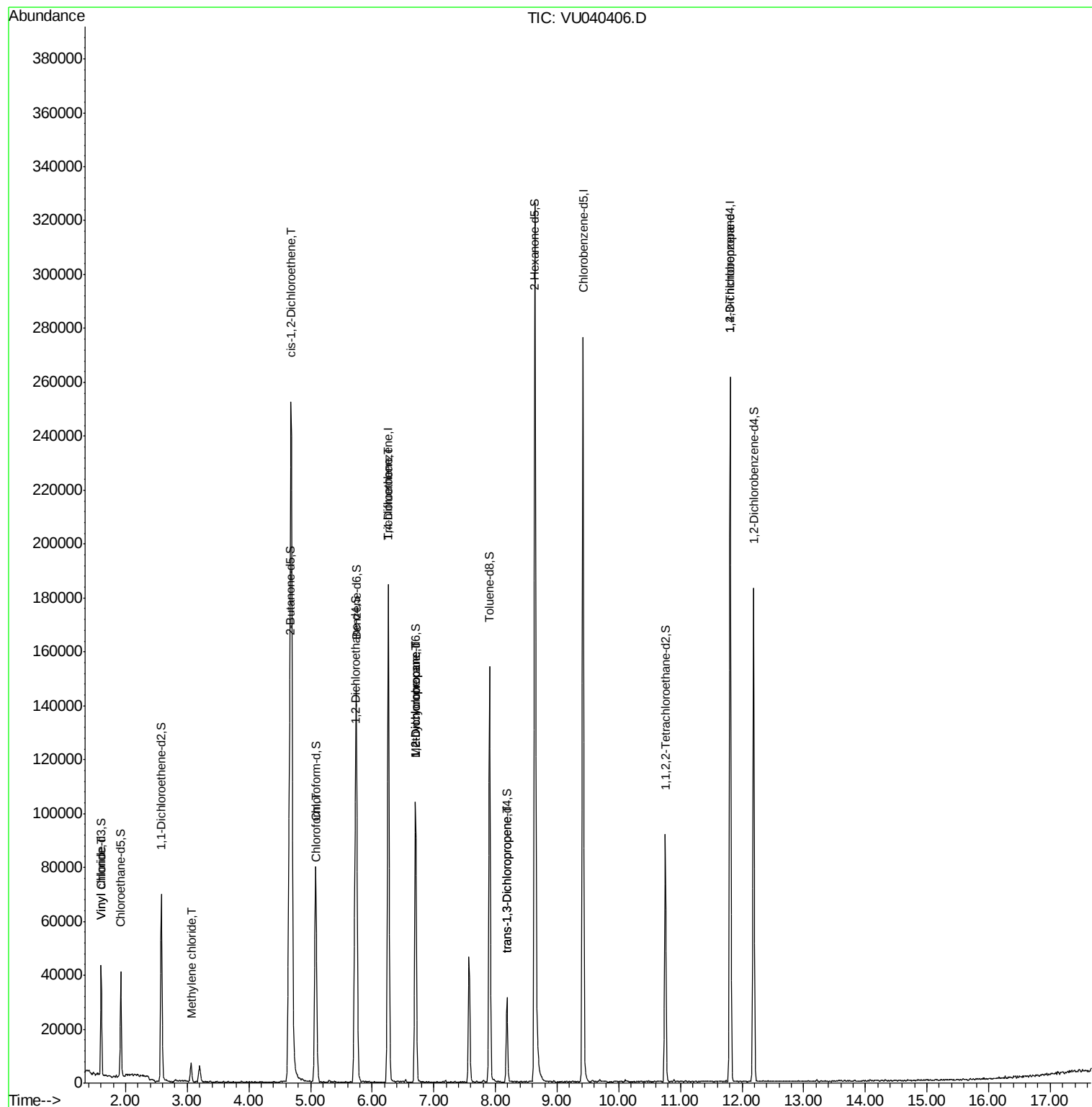
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	859	0.064	ug/L #	1
16) Methylene chloride	3.06	84	2632	0.198	ug/L	81
22) cis-1,2-Dichloroethene	4.69	96	105099	8.683	ug/L	98
25) Chloroform	5.10	83	3010	0.131	ug/L	96
34) Trichloroethene	6.27	95	2277	0.182	ug/L #	8
35) Methylcyclohexane	6.71	83	10237	0.558	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5139	0.392	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	1100	0.068	ug/L #	81
59) 1,2,3-Trichloropropane	11.81	75	8816	0.927	ug/L	90

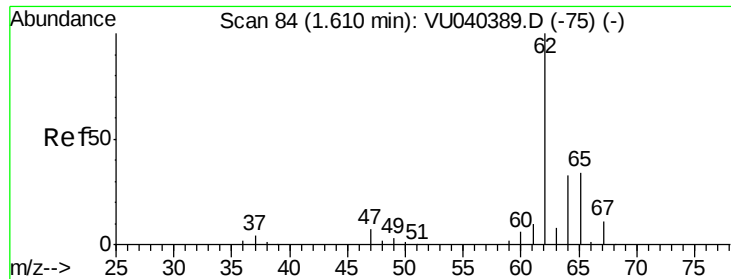
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.064 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040406.D

Acq: 30 Sep 2020 18:21

Instrument :

MSVOA_U

ClientSampled :

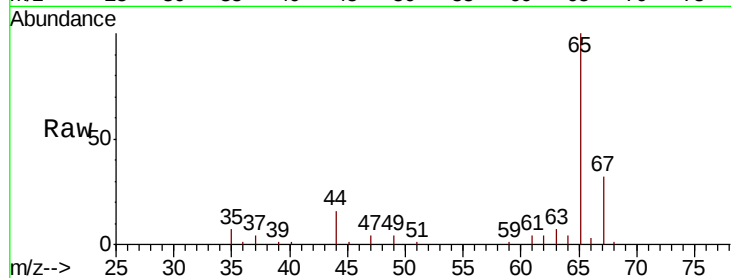
BG0E8DL

Tot Ion: 62 Resp: 859

Ion Ratio Lower Upper

62 100

64 95.8 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

800

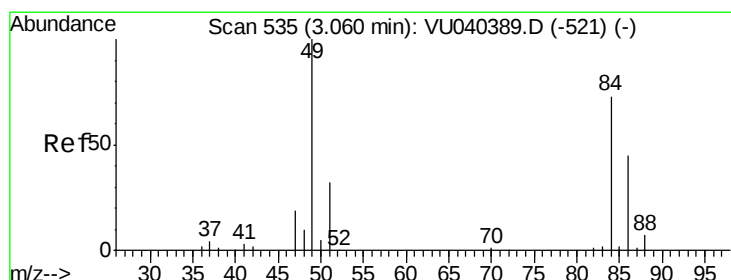
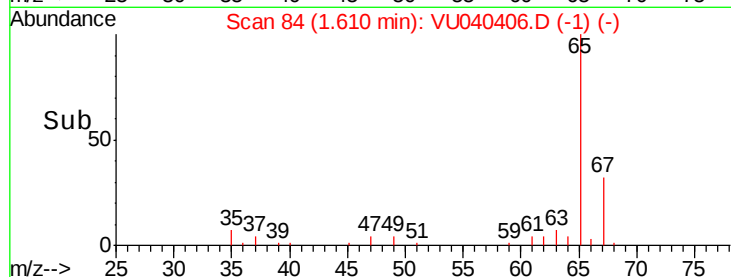
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.198 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040406.D

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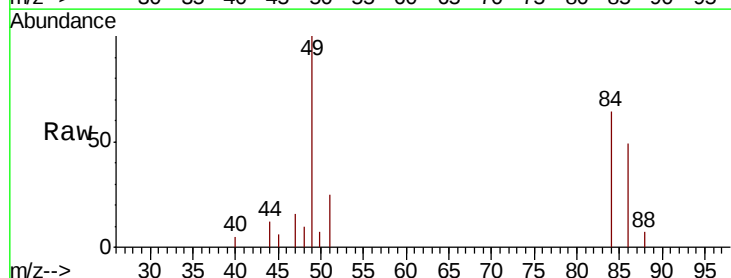
Tgt Ion: 84 Resp: 2632

Ion Ratio Lower Upper

84 100

86 76.6 44.4 82.5

49 155.8 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

3000

2500

2000

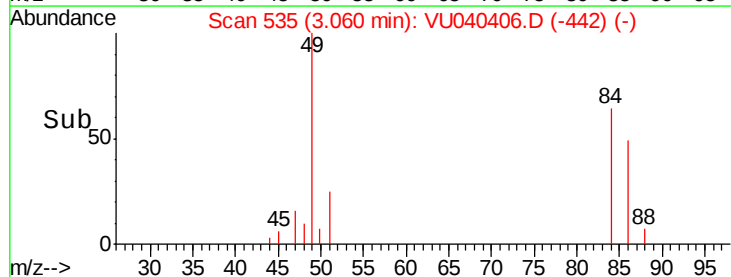
1500

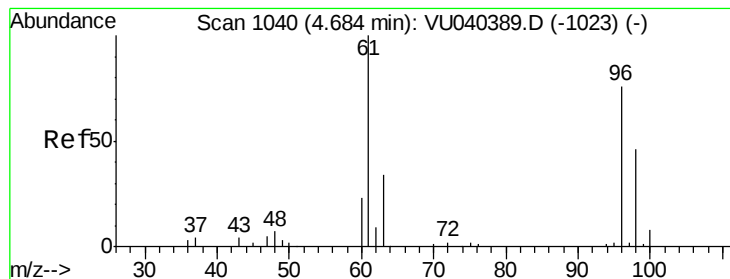
1000

500

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 8.683 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040406.D

Acq: 30 Sep 2020 18:21

Instrument :

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ClientSampleId :

BG0E8DL

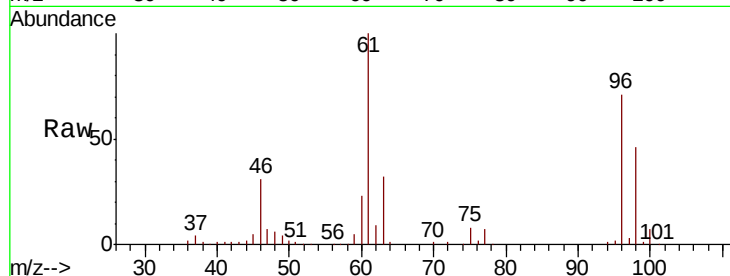
Tot Ion: 96 Resp: 105099

Ion Ratio Lower Upper

96 100

61 139.9 99.3 184.5

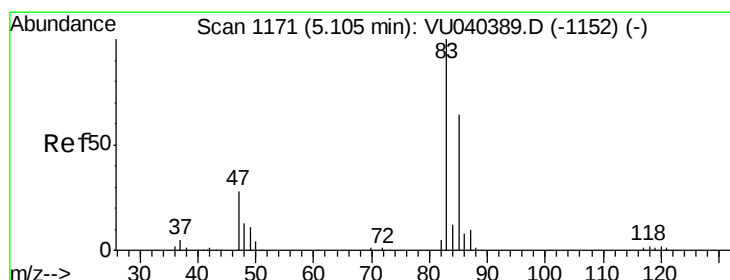
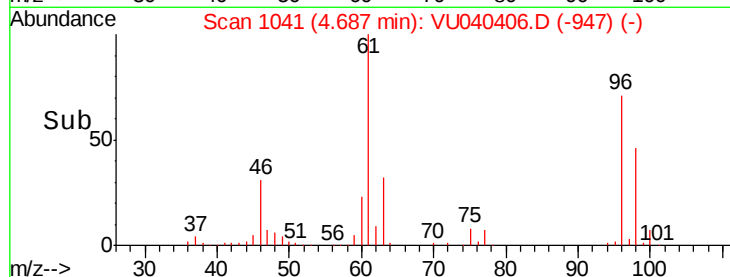
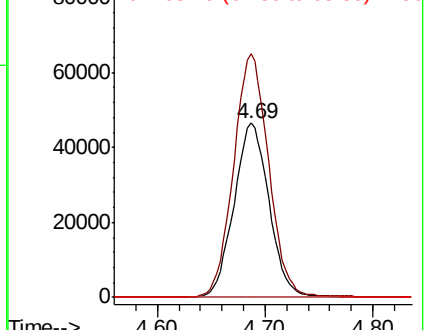
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040389.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU040389.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU040389.D (-1023) (-)



#25

Chloroform

Concen: 0.131 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040406.D

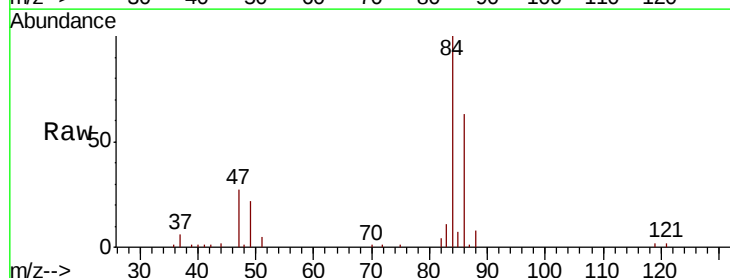
Acq: 30 Sep 2020 18:21

Tgt Ion: 83 Resp: 3010

Ion Ratio Lower Upper

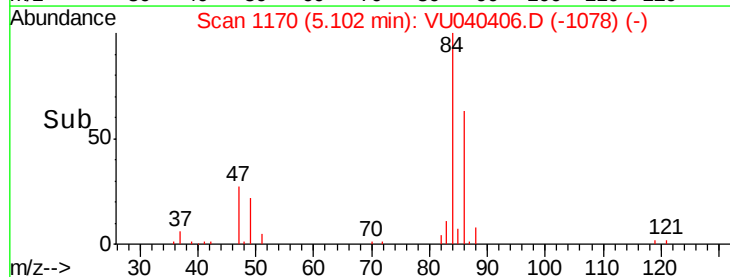
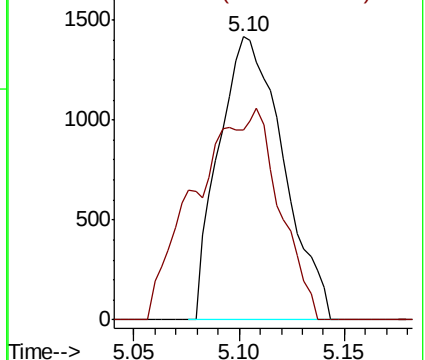
83 100

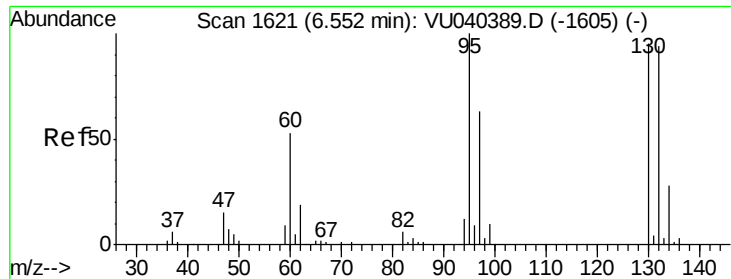
85 66.9 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040389.D (-1152) (-)

Ion 85.00 (84.70 to 85.70): VU040389.D (-1152) (-)

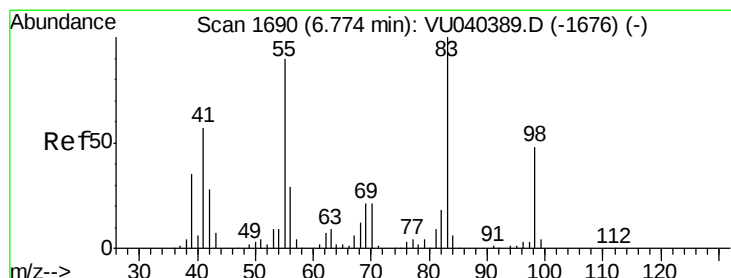
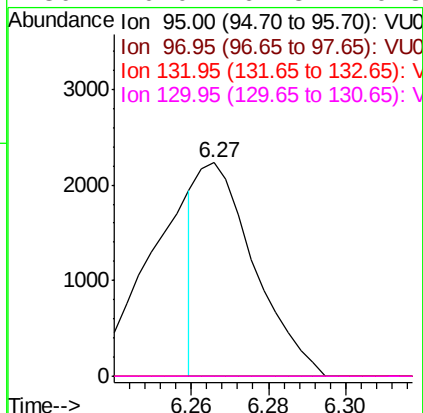
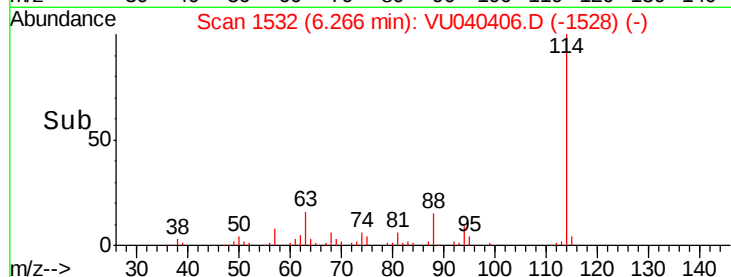
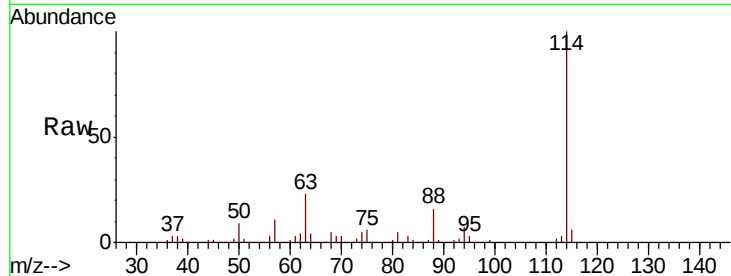




#34
 Trichloroethene
 Concen: 0.182 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040406.D
 Acq: 30 Sep 2020 18:21

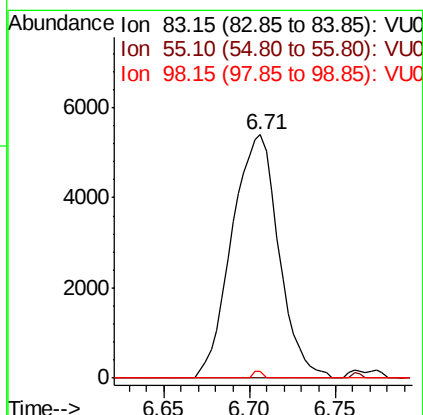
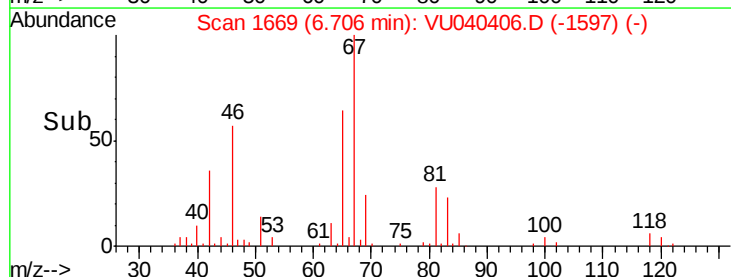
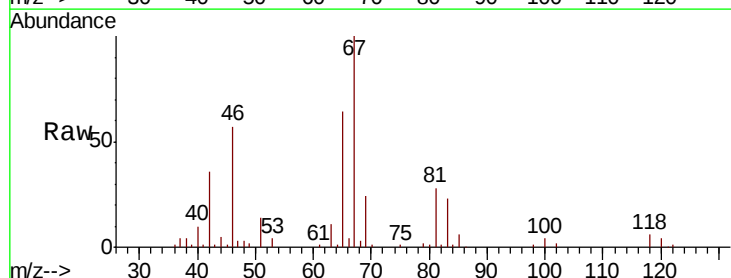
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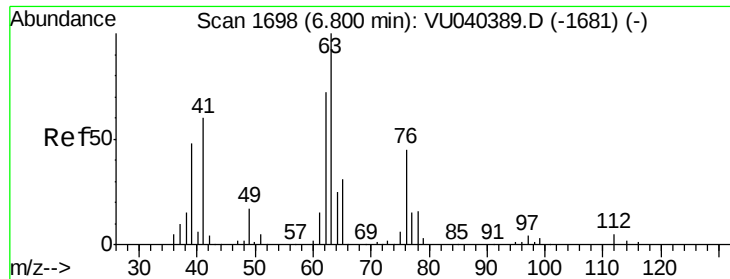
Tot Ion: 95 Resp: 2277
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 60.5 112.3#
 130 0.0 64.3 119.3#



#35
 Methylcyclohexane
 Concen: 0.558 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU040406.D
 Acq: 30 Sep 2020 18:21

Tgt Ion: 83 Resp: 10237
 Ion Ratio Lower Upper
 83 100
 55 0.4 71.4 107.2#
 98 0.6 38.5 57.7#

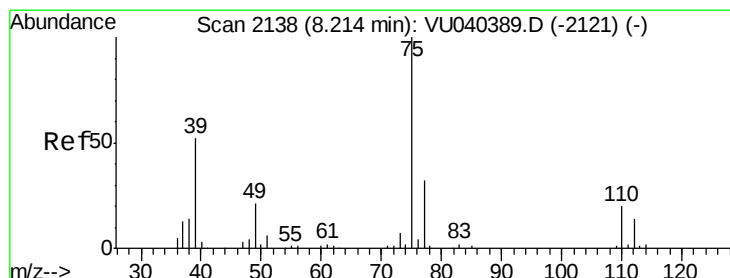
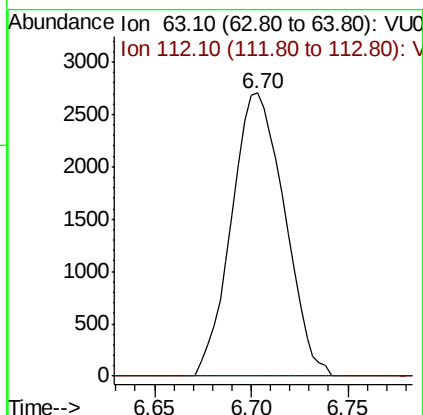
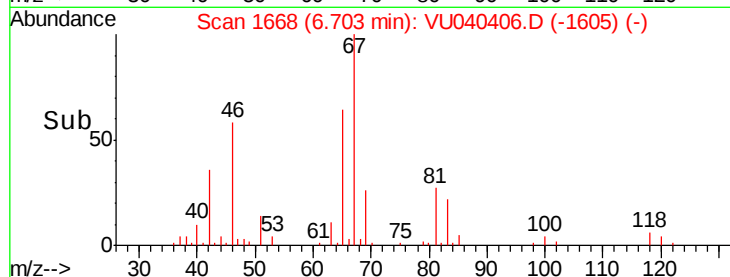
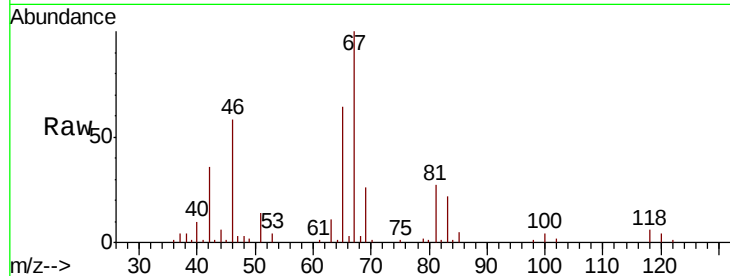




#37
 1,2-Dichloropropane
 Concen: 0.392 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040406.D
 Acq: 30 Sep 2020 18:21

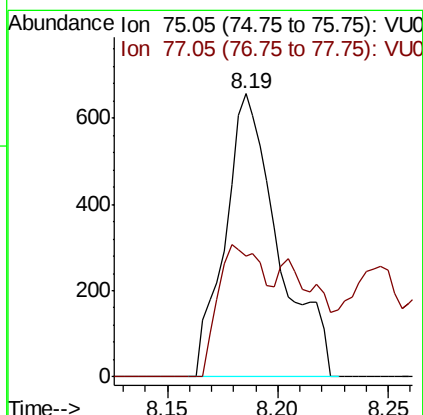
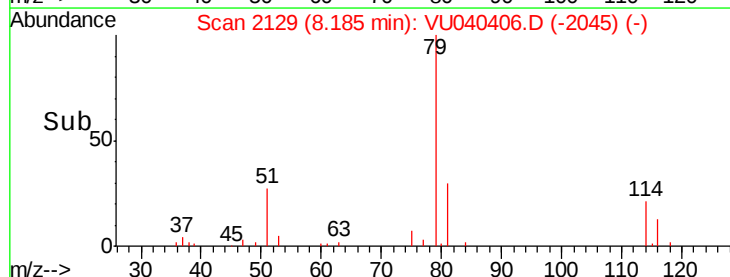
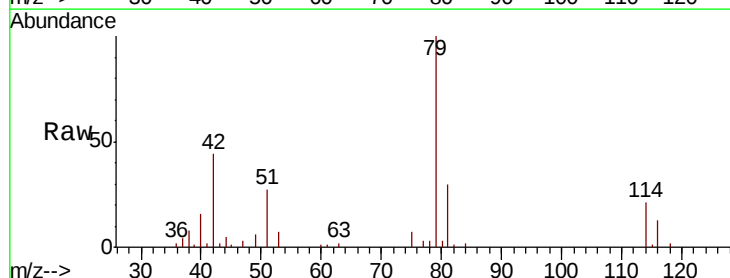
Instrument :
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 ClientSampleId :
 BG0E8DL

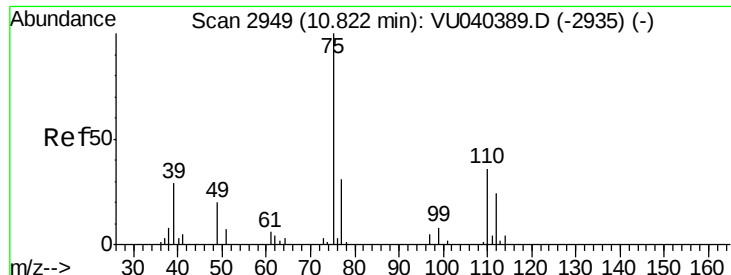
Tot Ion: 63 Resp: 5139
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040406.D
 Acq: 30 Sep 2020 18:21

Tgt Ion: 75 Resp: 1100
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 0.927 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040406.D

Acq: 30 Sep 2020 18:21

Instrument :

MSVOA_U

ClientSampleId :

BG0E8DL

Tot Ion: 75 Resp: 8816

Ion Ratio Lower Upper

75 100

77 38.0 25.7 38.5

