

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041293.D
 Acq On : 17 Nov 2020 22:15
 Operator : SY/MD
 Sample : L4759-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4387

Quant Time: Nov 18 00:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 00:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23407	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.92	69	20210	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	34238	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.66	46	86433	45.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.36%
24) Chloroform-d	5.08	84	48828	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	31267	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.74	84	87676	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.70	67	29916	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	69510	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	11330	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	60175	43.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25168	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	24133	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

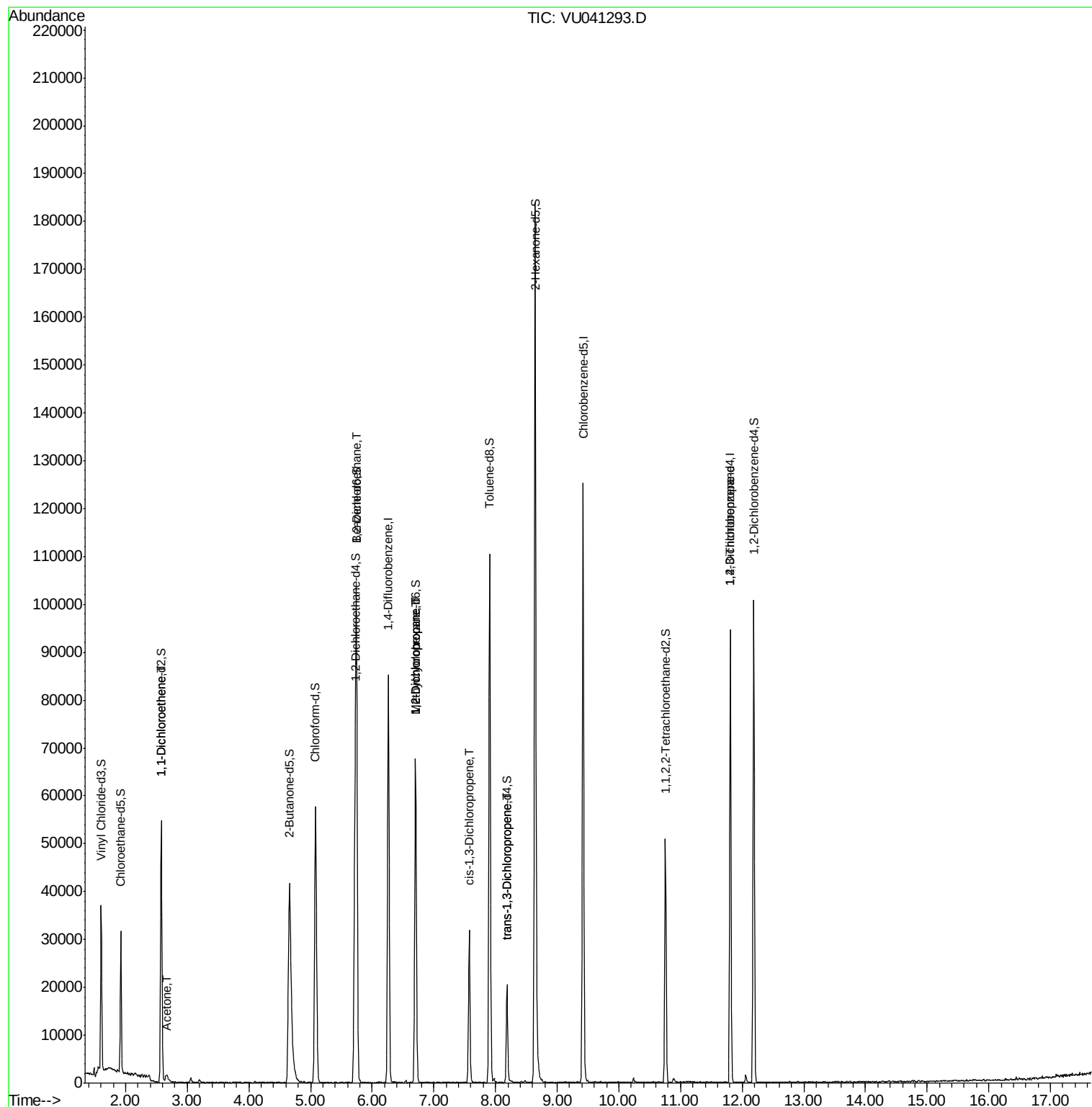
					Ovalue
12) 1,1-Dichloroethene	2.58	96	234	0.057 ug/L #	1
13) Acetone	2.67	43	3418	2.693 ug/L	75
27) 1,2-Dichloroethane	5.74	62	598	0.086 ug/L #	74
35) Methylcyclohexane	6.70	83	6935	1.110 ug/L #	13
37) 1,2-Dichloropropane	6.71	63	3446	0.677 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	827	0.117 ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	497	0.074 ug/L #	60
59) 1,2,3-Trichloropropane	11.81	75	3051	0.761 ug/L	95

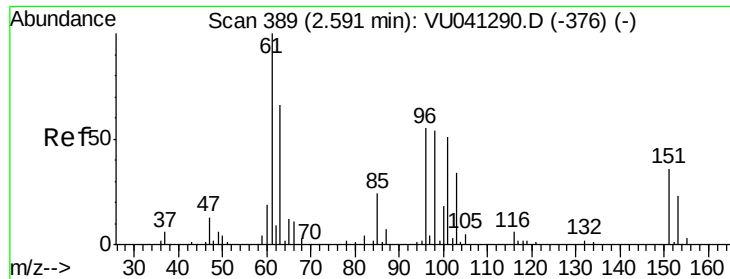
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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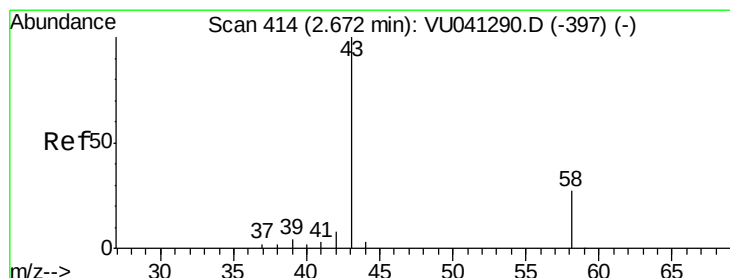
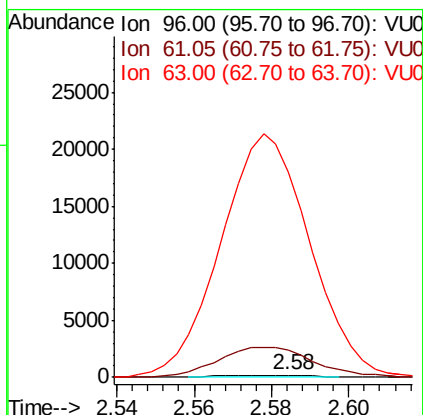
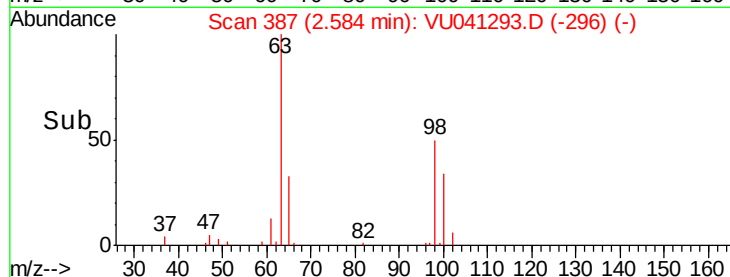
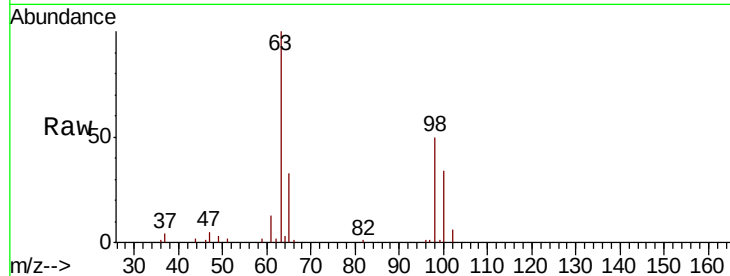




#12
 1,1-Dichloroethene
 Concen: 0.057 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU041293.D
 Acq: 17 Nov 2020 22:15

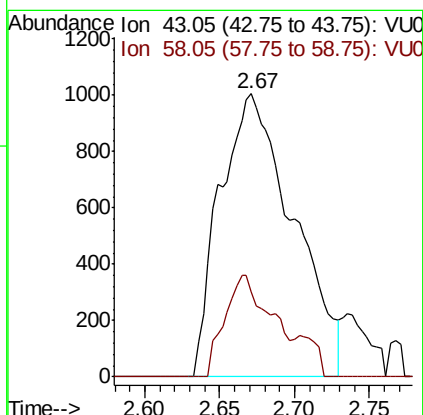
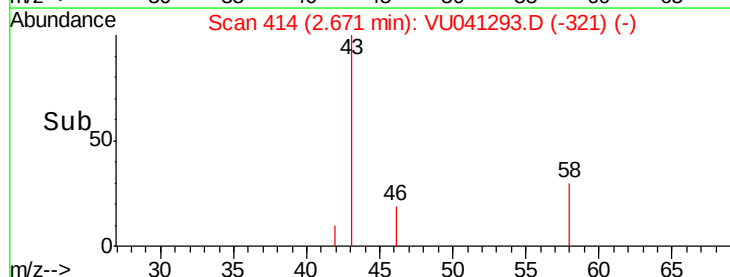
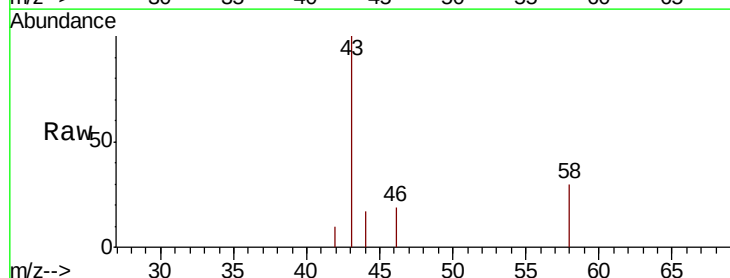
Instrument :
 MSVOA_U
 ClientSampled :
 H4387

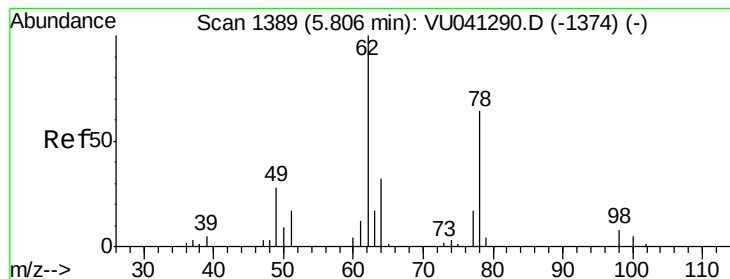
Tot Ion: 96 Resp: 234
 Ion Ratio Lower Upper
 96 100
 61 1373.6 134.3 249.5#
 63 10340.2 95.0 176.4#



#13
 Acetone
 Concen: 2.693 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: VU041293.D
 Acq: 17 Nov 2020 22:15

Tgt Ion: 43 Resp: 3418
 Ion Ratio Lower Upper
 43 100
 58 22.5 0.0 25.4





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041293.D

Acq: 17 Nov 2020 22:15

Instrument :

MSVOA_U

ClientSampleId :

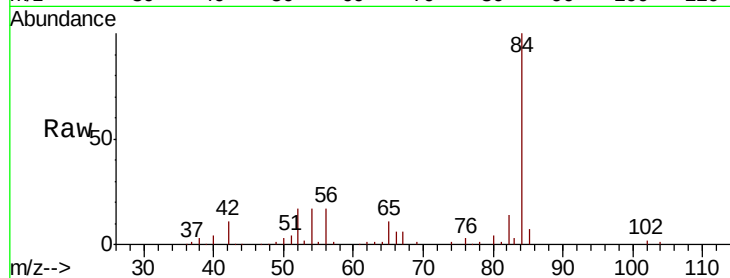
H4387

Tot Ion: 62 Resp: 598

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.74

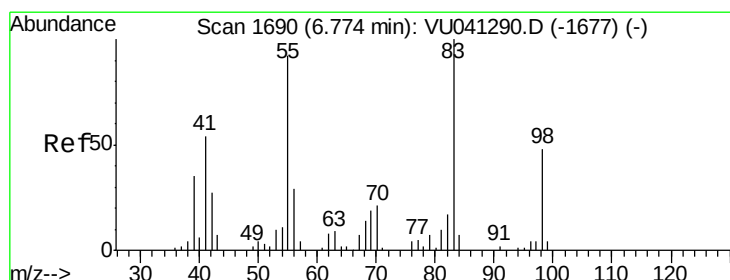
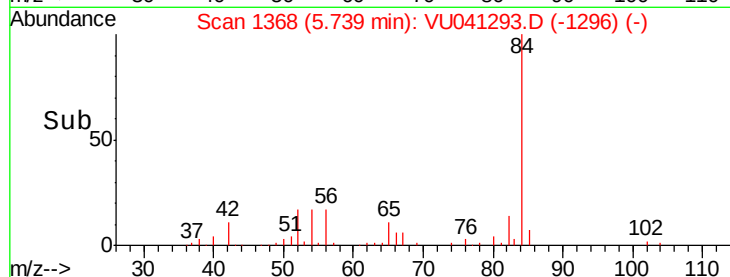
300

200

100

0

Time--> 5.70 5.72 5.74 5.76 5.78



#35

Methylcyclohexane

Concen: 1.110 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041293.D

Acq: 17 Nov 2020 22:15

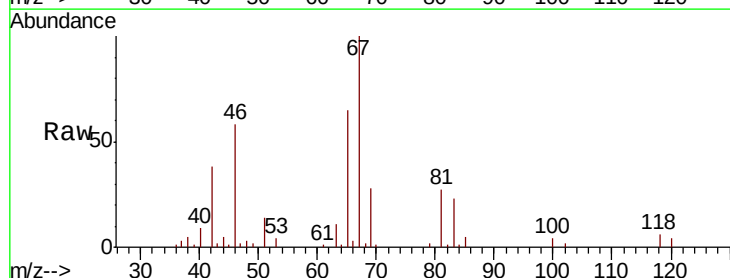
Tgt Ion: 83 Resp: 6935

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

98 0.0 36.6 55.0#



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

6.70

4000

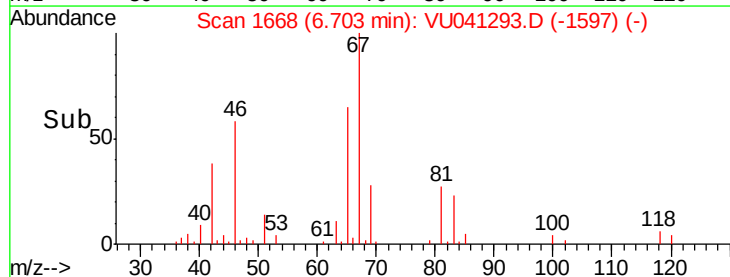
3000

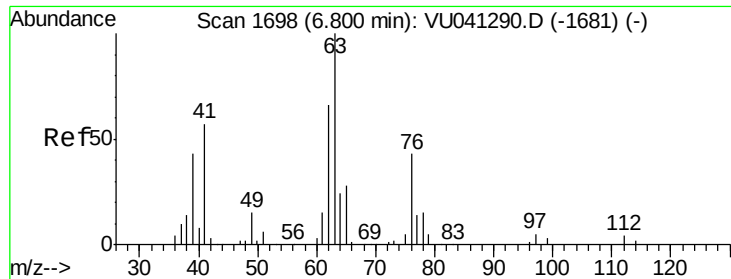
2000

1000

0

Time--> 6.65 6.70 6.75

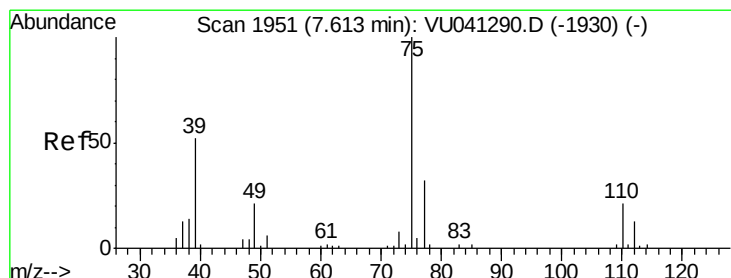
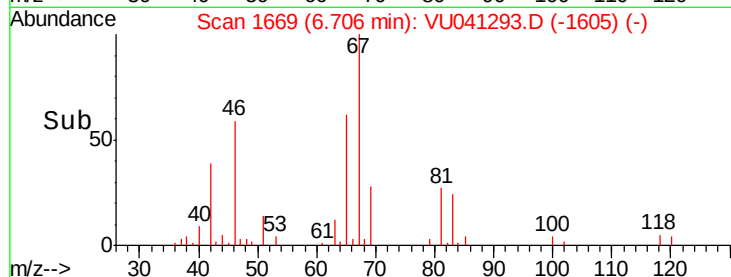
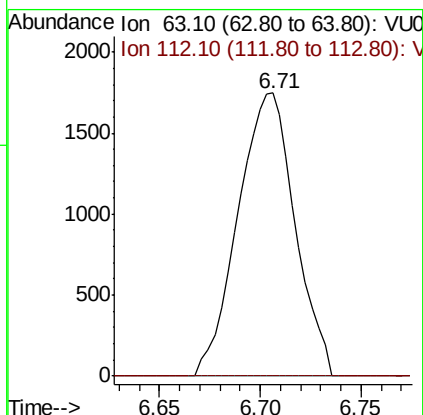
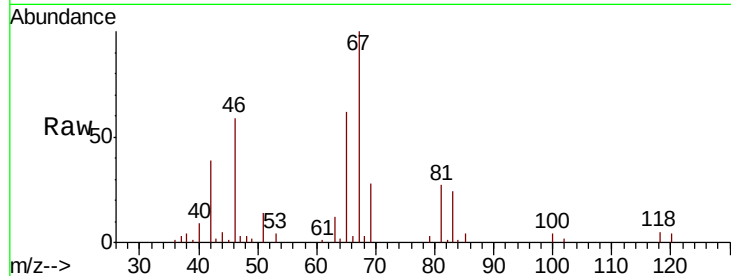




#37
 1,2-Dichloropropane
 Concen: 0.677 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041293.D
 Acq: 17 Nov 2020 22:15

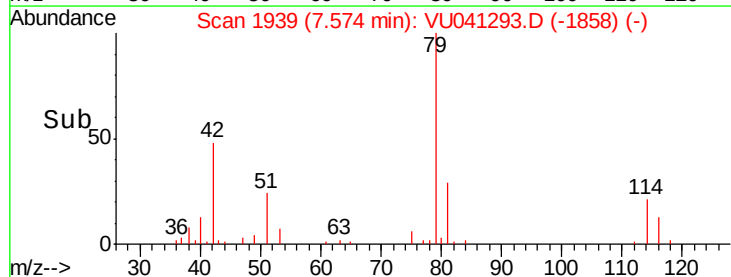
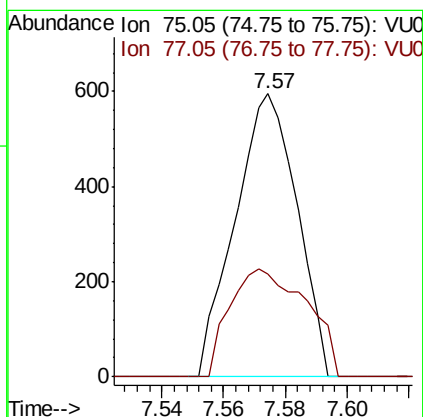
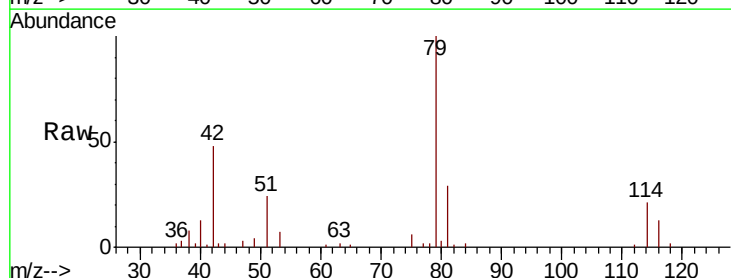
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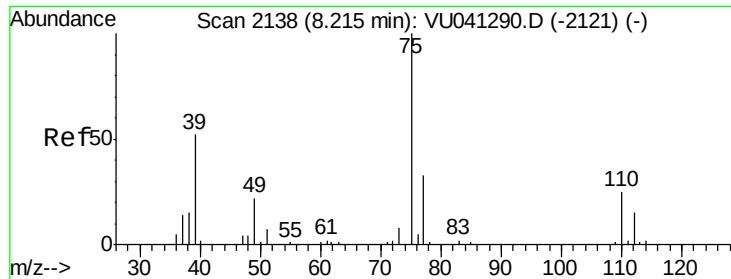
Tot Ion: 63 Resp: 3446
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041293.D
 Acq: 17 Nov 2020 22:15

Tgt Ion: 75 Resp: 827
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.7 42.3





#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041293.D

Acq: 17 Nov 2020 22:15

Instrument :

MSVOA_U

ClientSampleId :

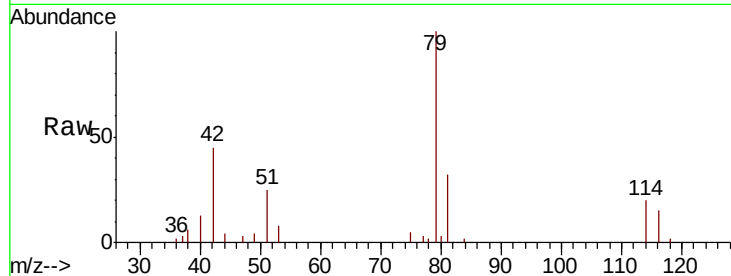
H4387

Tot Ion: 75 Resp: 497

Ion Ratio Lower Upper

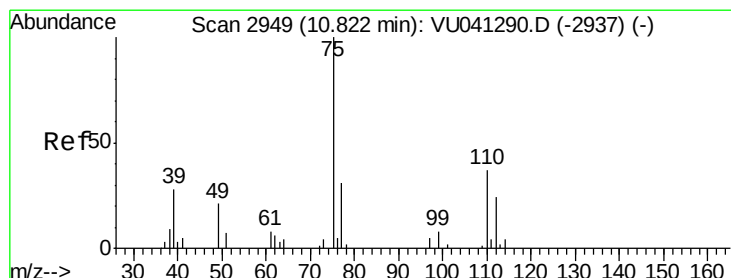
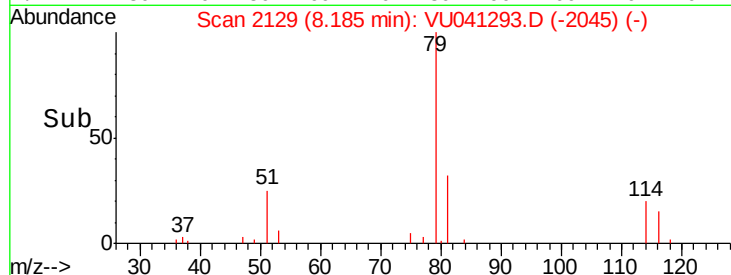
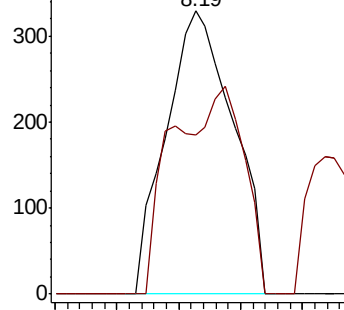
75 100

77 56.2 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.761 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041293.D

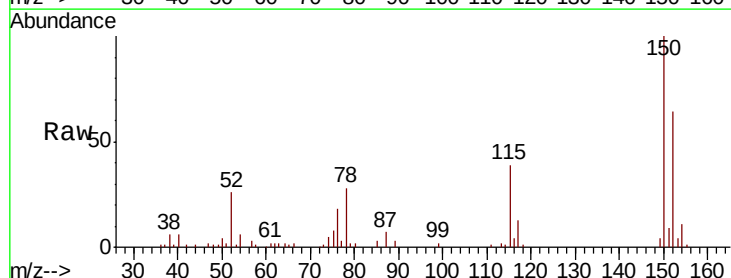
Acq: 17 Nov 2020 22:15

Tgt Ion: 75 Resp: 3051

Ion Ratio Lower Upper

75 100

77 35.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

