

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040334.D
 Acq On : 28 Sep 2020 15:59
 Operator : SY/MD
 Sample : L4147-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZQ6

Quant Time: Sep 29 07:26:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 07:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29340	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	30494	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	50429	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.65	46	171011	60.17	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.34%
24) Chloroform-d	5.08	84	74568	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	47116	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.75	84	136453	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	48826	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	107364	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	8.19	79	17607	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.64	63	122203	56.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43621	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48025	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

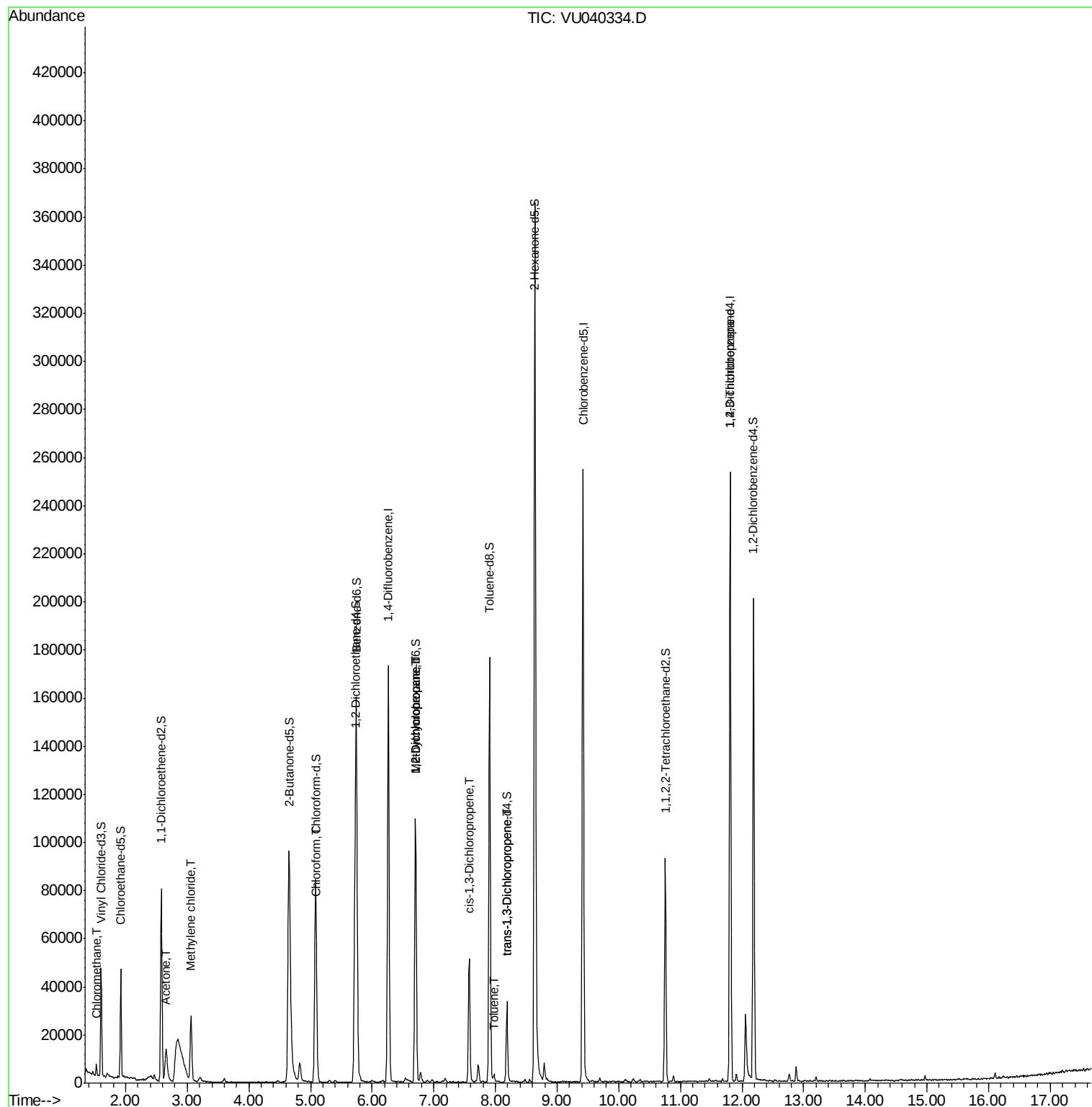
					Ovalue
3) Chloromethane	1.53	50	3739	0.302 ug/L	91
13) Acetone	2.66	43	23301	8.856 ug/L	94
16) Methylene chloride	3.06	84	11749	0.891 ug/L	97
25) Chloroform	5.11	83	3335	0.146 ug/L	88
35) Methylcyclohexane	6.70	83	10564	0.556 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5106	0.407 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1388	0.075 ug/L	90
42) Toluene	7.97	91	1860	0.039 ug/L	94
44) trans-1,3-Dichloropropene	8.18	75	995	0.058 ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	9003	0.970 ug/L	93

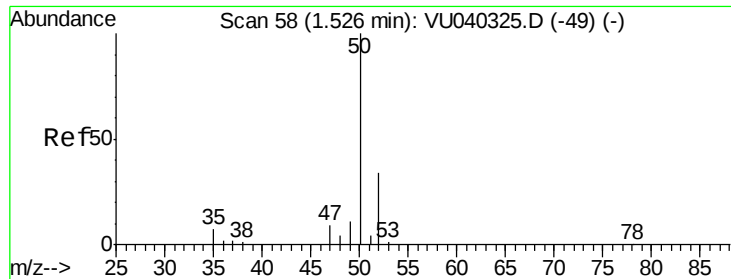
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.302 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040334.D

Acq: 28 Sep 2020 15:59

Instrument :

MSVOA_U

ClientSampleId :

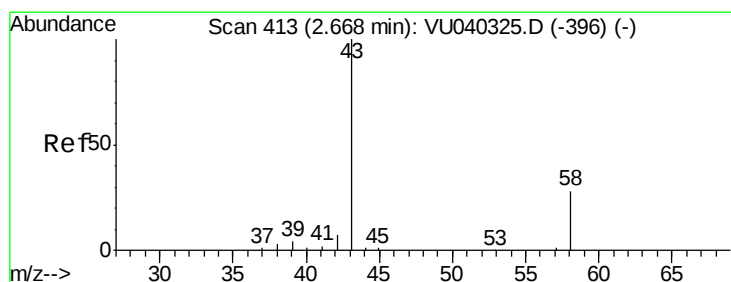
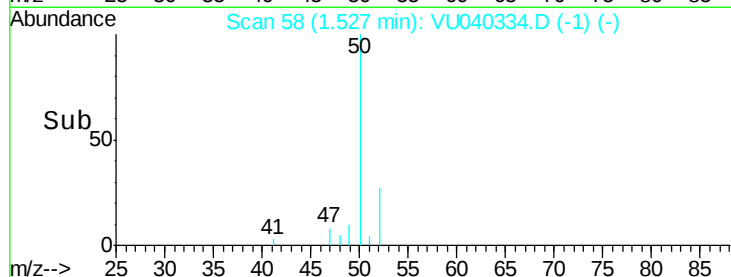
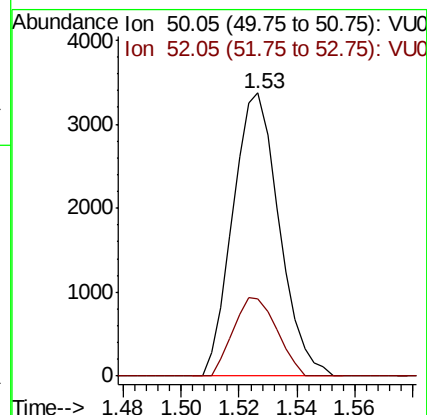
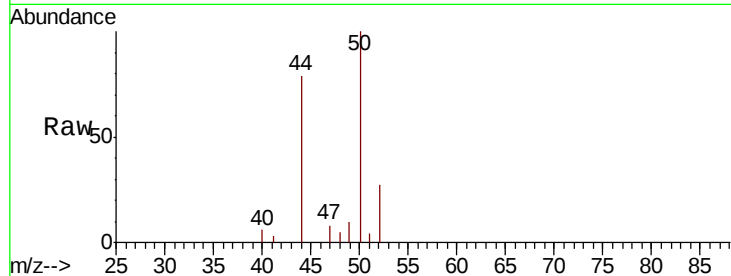
BFZQ6

Tot Ion: 50 Resp: 3739

Ion Ratio Lower Upper

50 100

52 27.3 22.8 42.4



#13

Acetone

Concen: 8.856 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU040334.D

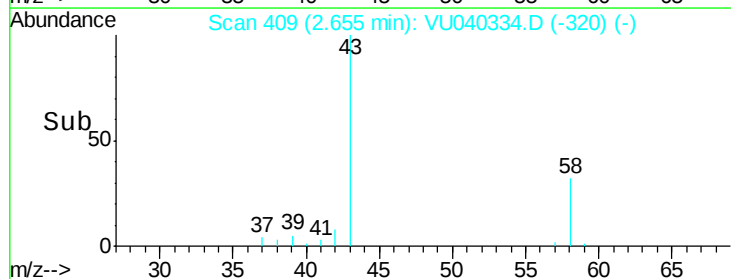
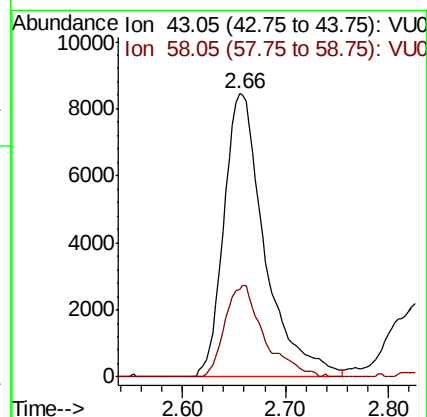
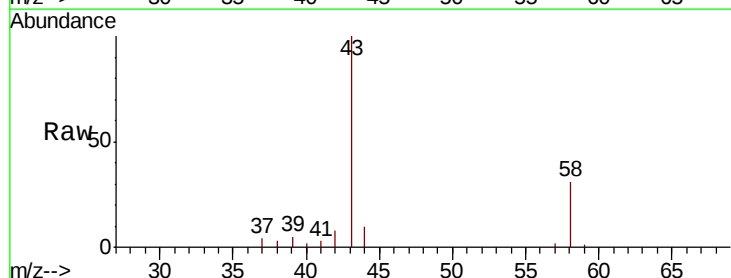
Acq: 28 Sep 2020 15:59

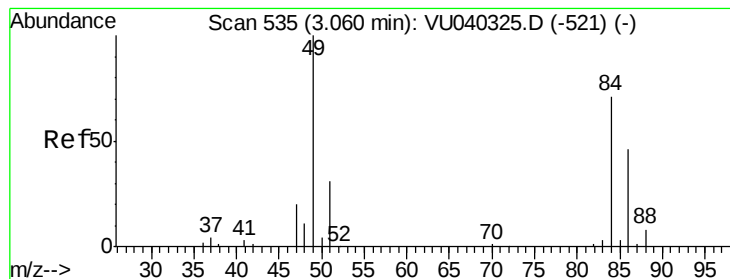
Tgt Ion: 43 Resp: 23301

Ion Ratio Lower Upper

43 100

58 30.8 0.0 55.4





#16

Methvlene chloride

Concen: 0.891 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040334.D

Acq: 28 Sep 2020 15:59

Instrument :

MSVOA_U

ClientSampleId :

BFZQ6

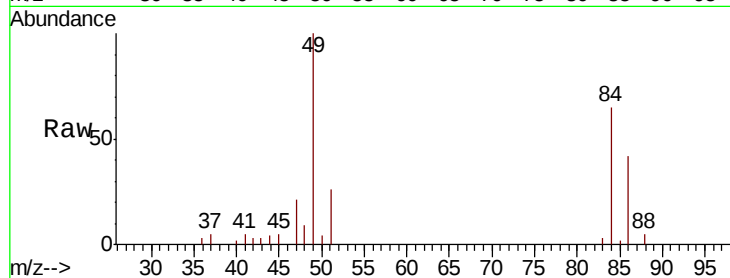
Tot Ion: 84 Resp: 11749

Ion Ratio Lower Upper

84 100

86 64.7 45.2 84.0

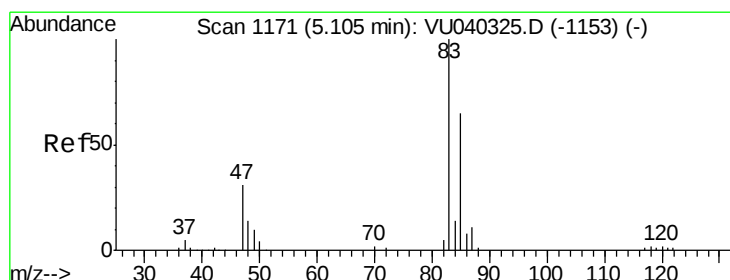
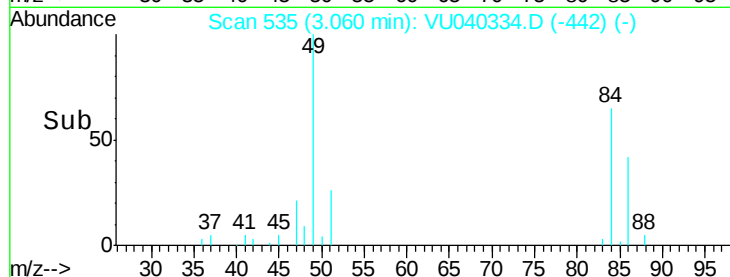
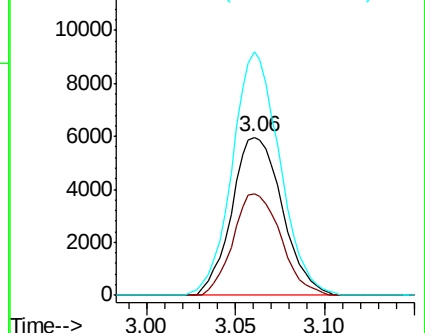
49 154.2 104.0 193.2



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: 0.146 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040334.D

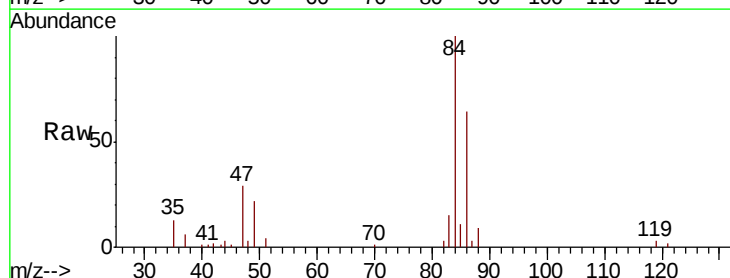
Acq: 28 Sep 2020 15:59

Tgt Ion: 83 Resp: 3335

Ion Ratio Lower Upper

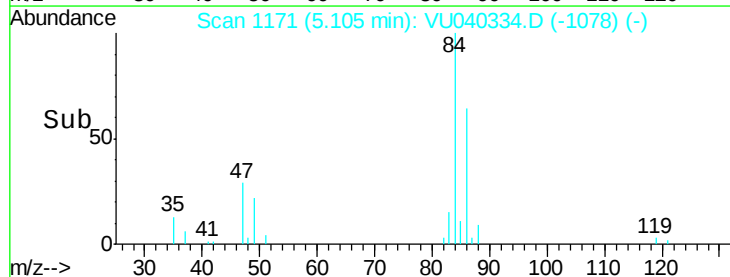
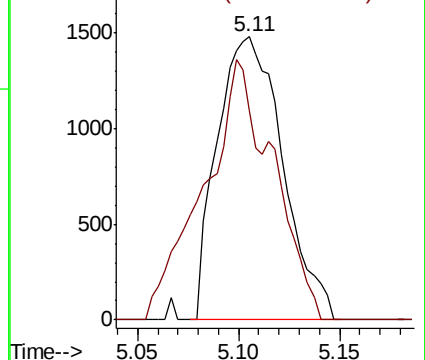
83 100

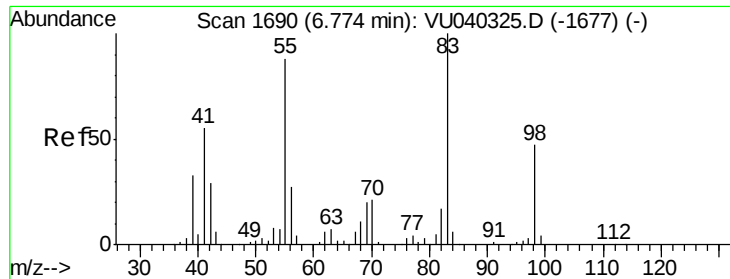
85 73.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

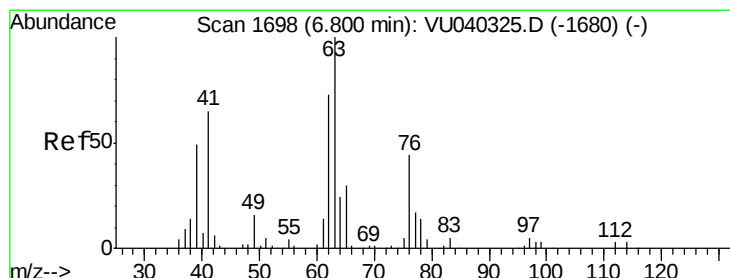
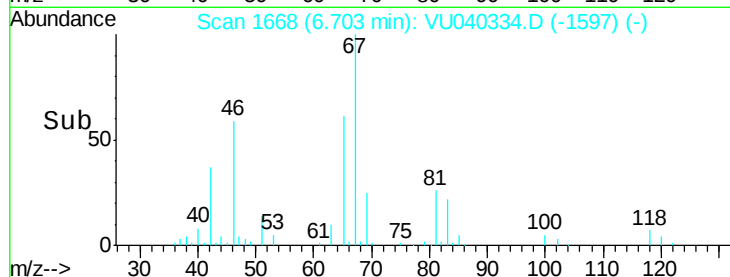
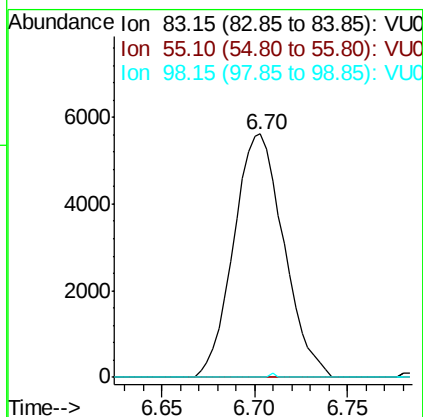
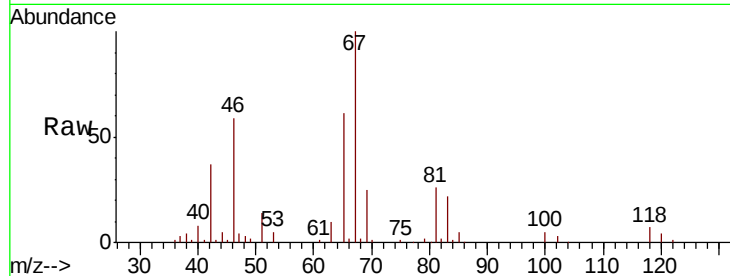




#35
Methvlcvclohexane
Concen: 0.556 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040334.D
Acq: 28 Sep 2020 15:59

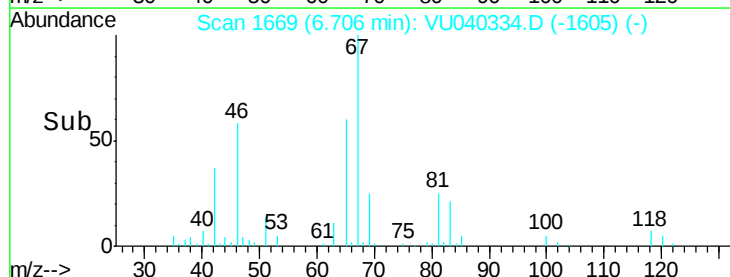
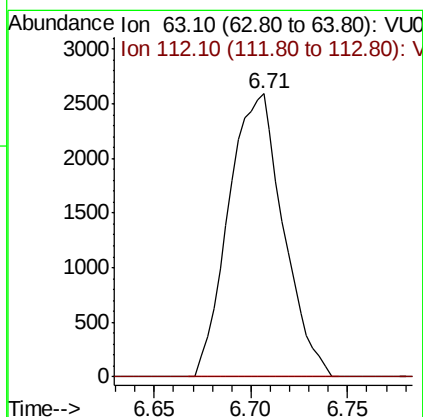
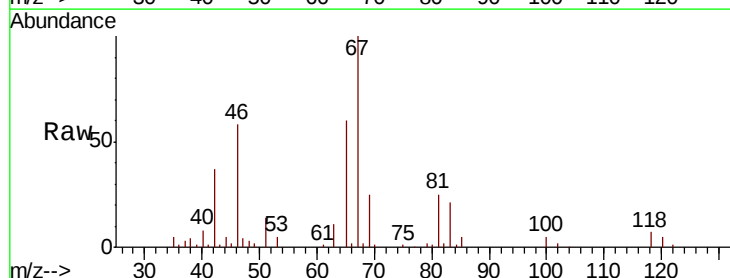
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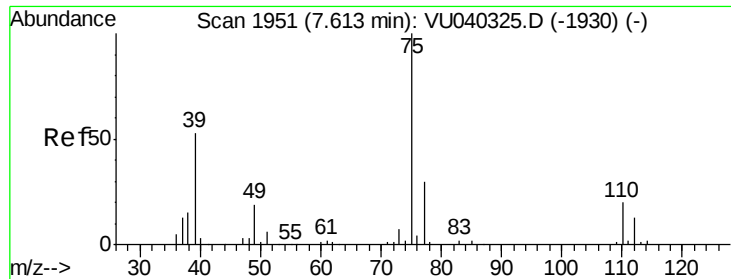
Tot Ion: 83 Resp: 10564
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.2 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.407 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040334.D
Acq: 28 Sep 2020 15:59

Tgt Ion: 63 Resp: 5106
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

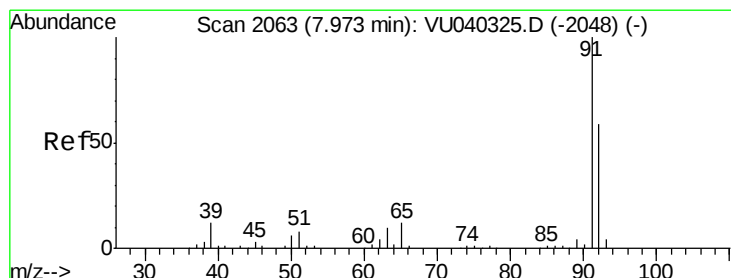
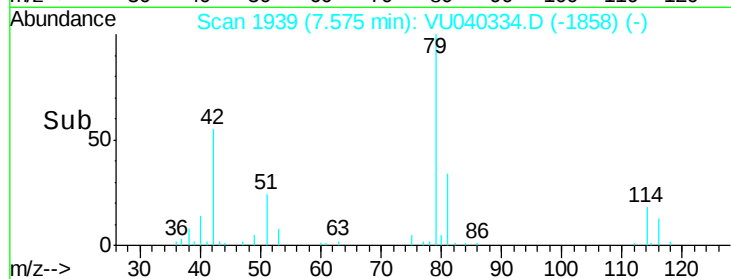
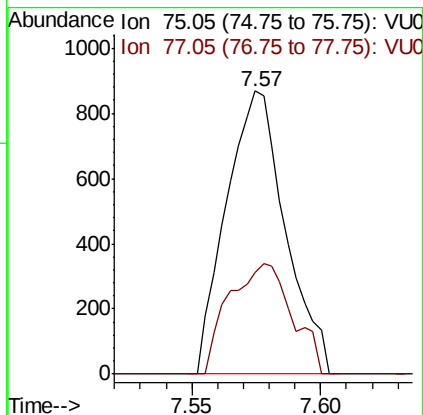
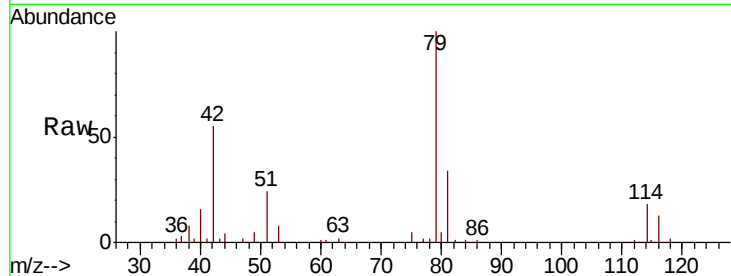




#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040334.D
 Acq: 28 Sep 2020 15:59

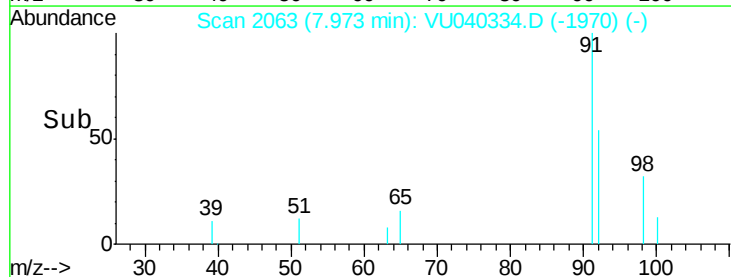
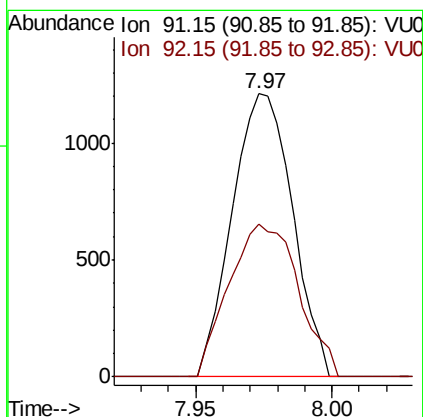
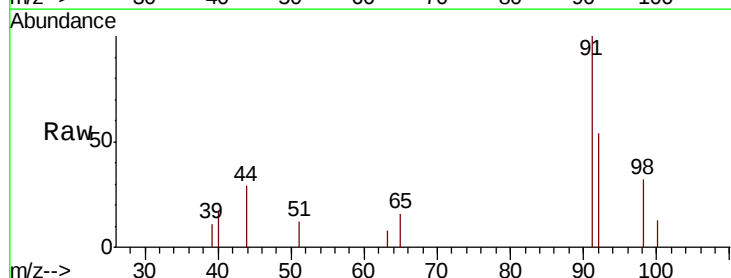
Instrument :
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 ClientSampleId :
 BFZQ6

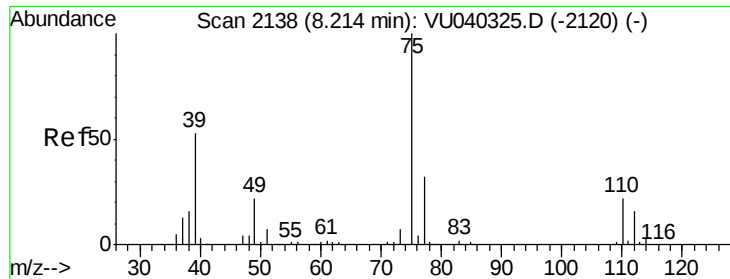
Tot Ion: 75 Resp: 1388
 Ion Ratio Lower Upper
 75 100
 77 35.8 21.1 39.3



#42
 Toluene
 Concen: 0.039 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU040334.D
 Acq: 28 Sep 2020 15:59

Tgt Ion: 91 Resp: 1860
 Ion Ratio Lower Upper
 91 100
 92 54.0 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040334.D

Acq: 28 Sep 2020 15:59

Instrument :

MSVOA_U

ClientSampleId :

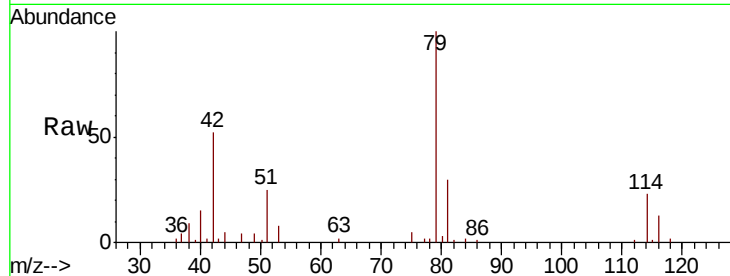
BFZQ6

Tot Ion: 75 Resp: 995

Ion Ratio Lower Upper

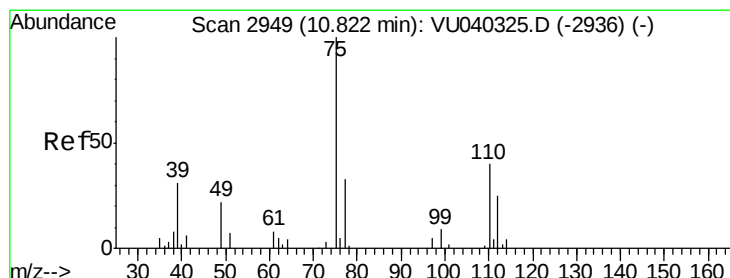
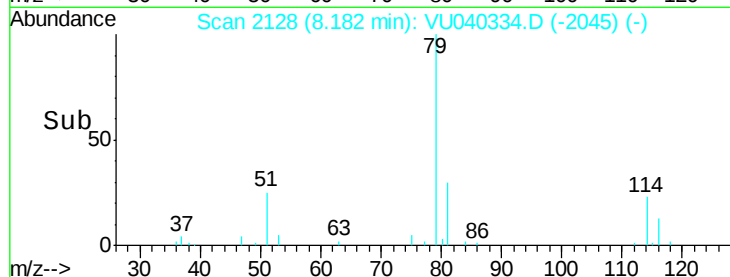
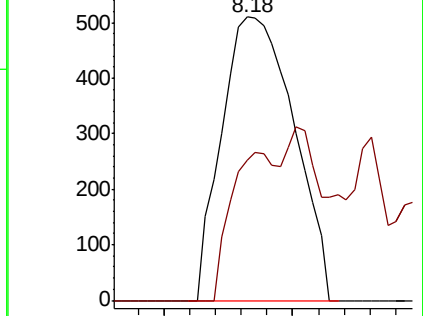
75 100

77 49.6 23.9 44.3#



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: 0.970 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040334.D

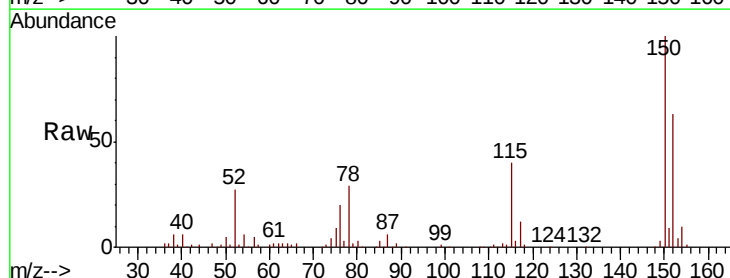
Acq: 28 Sep 2020 15:59

Tgt Ion: 75 Resp: 9003

Ion Ratio Lower Upper

75 100

77 34.8 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

