

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040339.D
 Acq On : 28 Sep 2020 18:19
 Operator : SY/MD
 Sample : L4147-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZQ9

Quant Time: Sep 29 07:27:42 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	131846	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132816	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37400	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.92	69	35419	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.58	63	62125	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.65	46	176108	61.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.32%
24) Chloroform-d	5.08	84	83747	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	52469	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.74	84	160645	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	54216	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.91	98	134001	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.19	79	19837	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	125094	56.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47029	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	54389	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

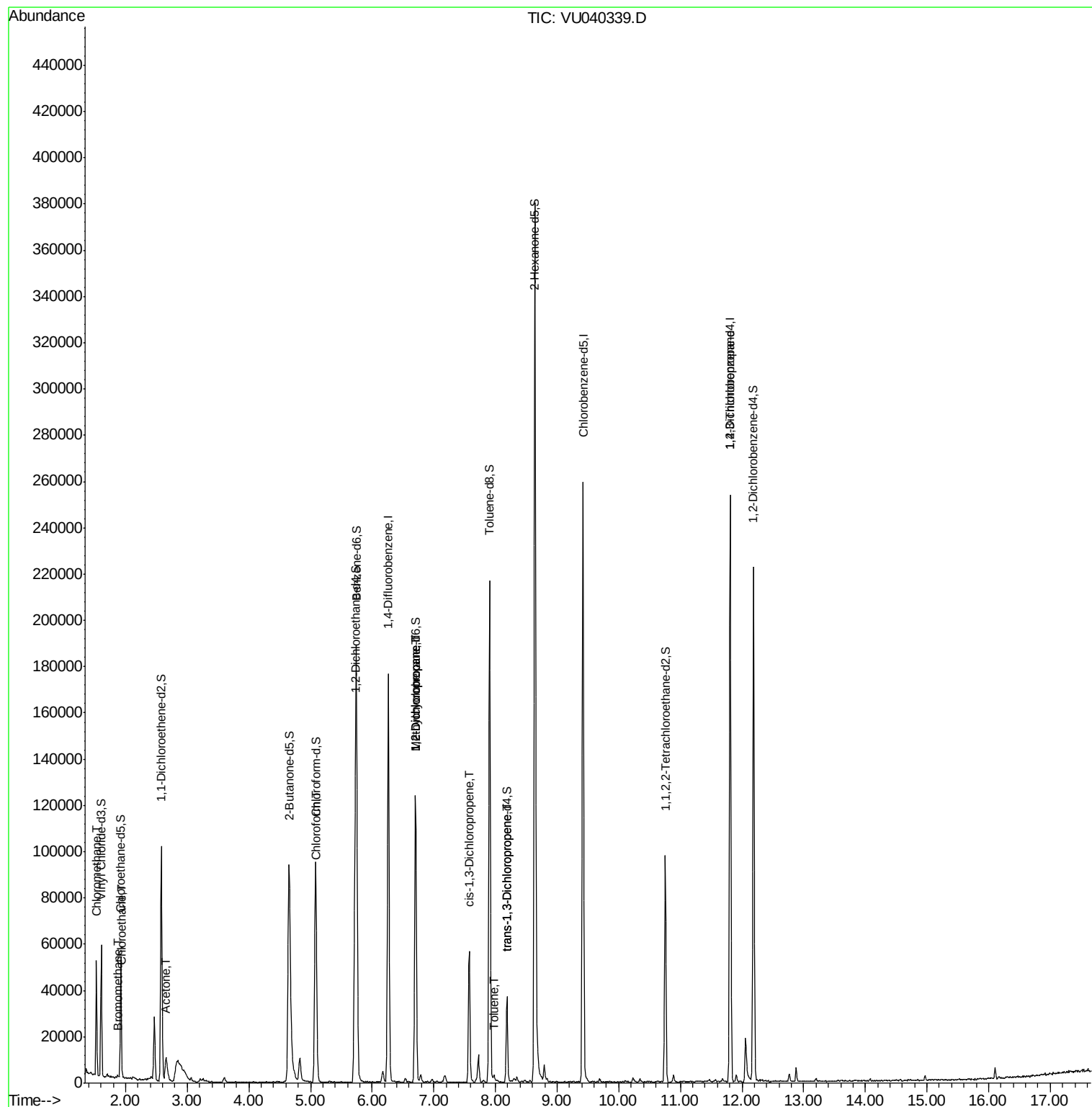
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	31801	2.539	ug/L	99
6) Bromomethane	1.87	94	627	0.097	ug/L	83
8) Chloroethane	1.94	64	812	0.106	ug/L	98
13) Acetone	2.66	43	18126	6.800	ug/L	94
25) Chloroform	5.10	83	3814	0.165	ug/L	89
35) Methylcyclohexane	6.70	83	12723	0.652	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6054	0.471	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1325	0.070	ug/L #	30
42) Toluene	7.98	91	1863	0.038	ug/L	79
44) trans-1,3-Dichloropropene	8.19	75	944	0.054	ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	9221	0.967	ug/L	93

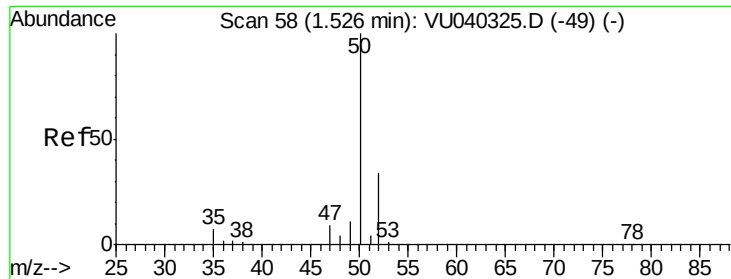
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.539 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040339.D

Acq: 28 Sep 2020 18:19

Instrument :

MSVOA_U

ClientSampleId :

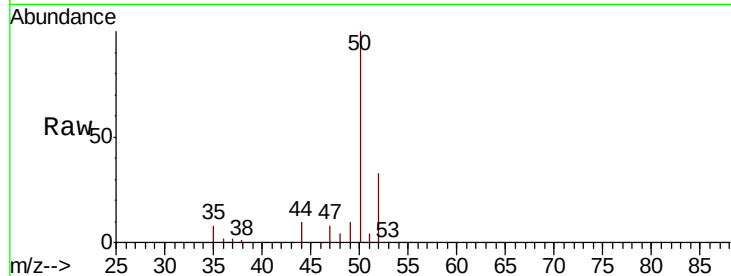
BFZQ9

Tot Ion: 50 Resp: 31801

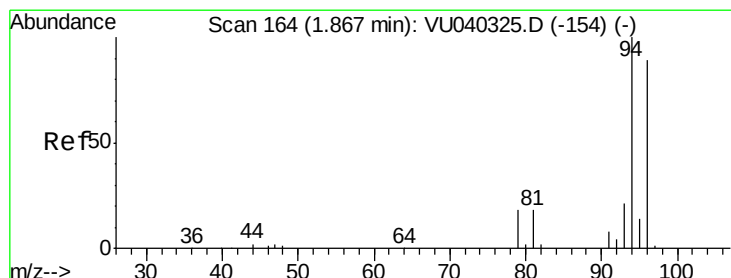
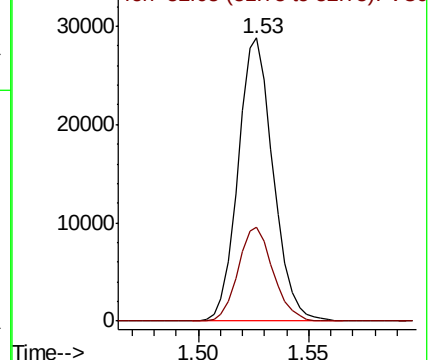
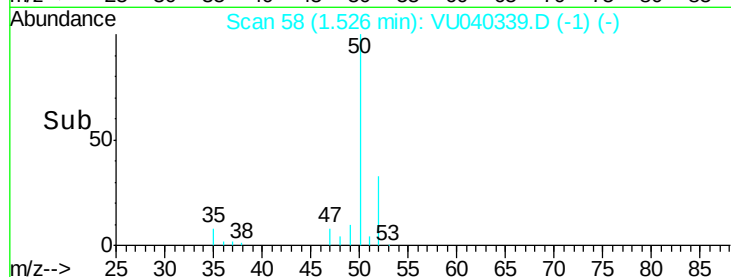
Ion Ratio Lower Upper

50 100

52 33.0 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040339.D (-1) (-)



#6

Bromomethane

Concen: 0.097 ug/L

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU040339.D

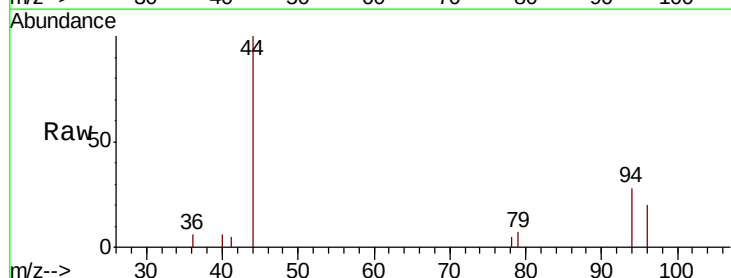
Acq: 28 Sep 2020 18:19

Tgt Ion: 94 Resp: 627

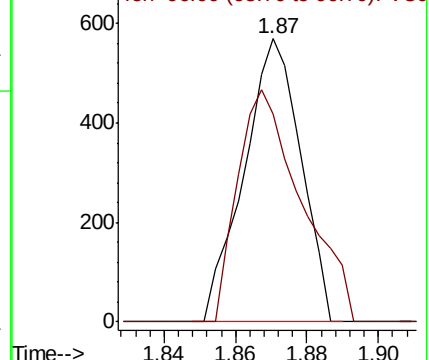
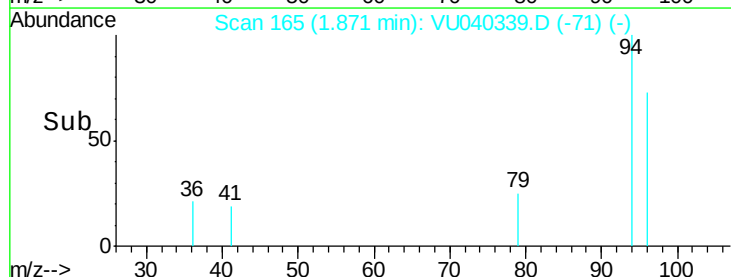
Ion Ratio Lower Upper

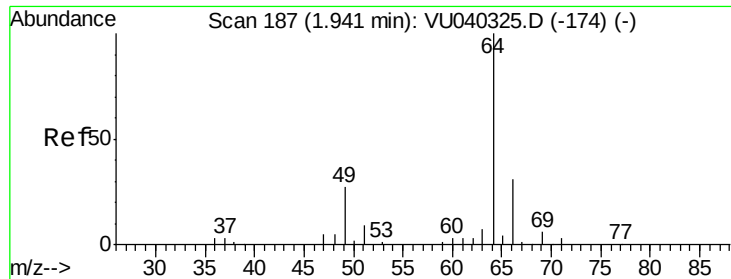
94 100

96 73.5 62.3 115.7



Abundance Ion 94.00 (93.70 to 94.70): VU040339.D (-71) (-)

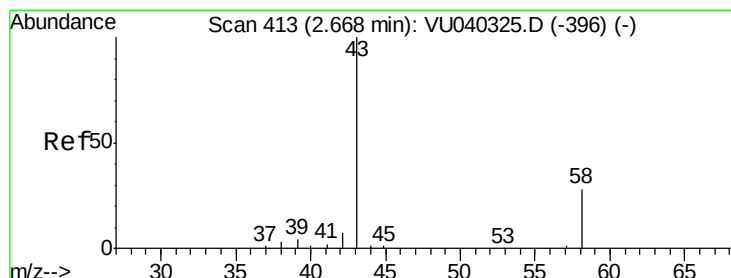
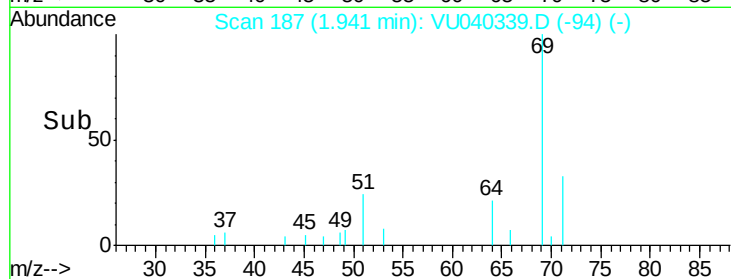
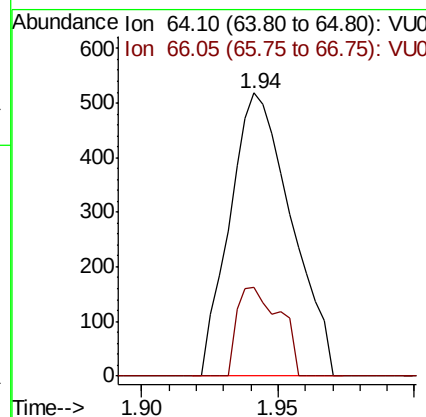
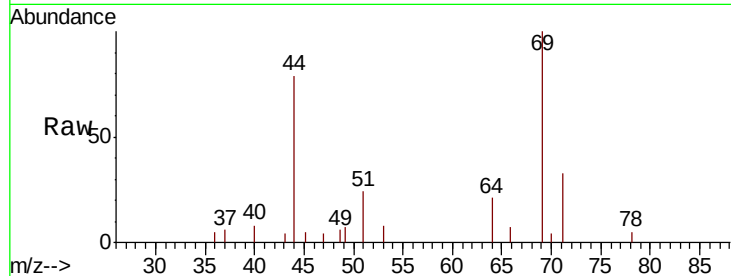




#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040339.D
Acq: 28 Sep 2020 18:19

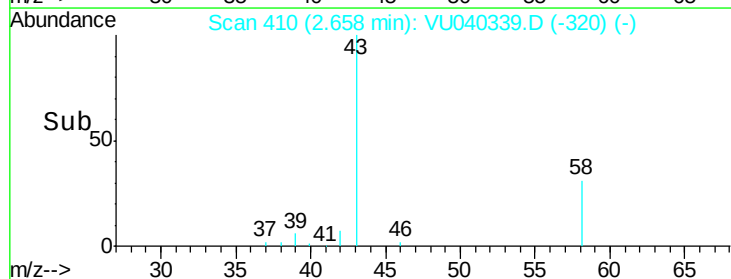
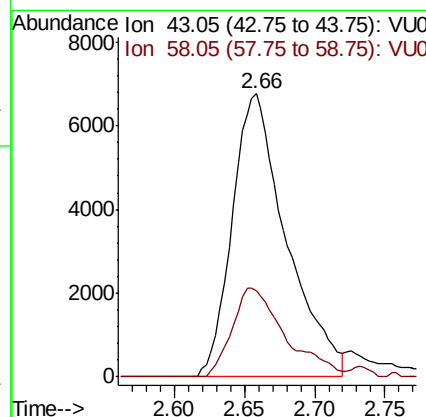
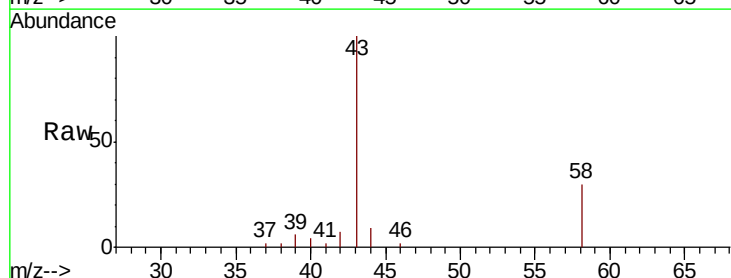
Instrument :
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ClientSampleId :
BFZQ9

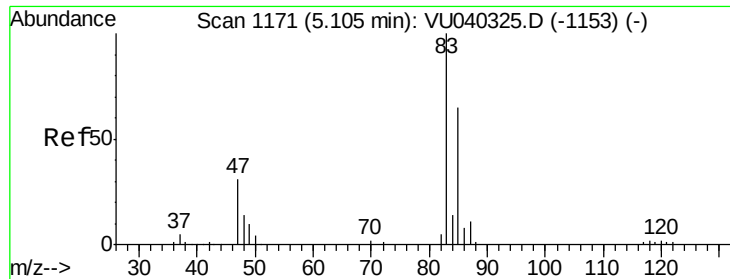
Tot Ion: 64 Resp: 812
Ion Ratio Lower Upper
64 100
66 31.5 22.7 42.1



#13
Acetone
Concen: 6.800 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040339.D
Acq: 28 Sep 2020 18:19

Tgt Ion: 43 Resp: 18126
Ion Ratio Lower Upper
43 100
58 30.8 0.0 55.4

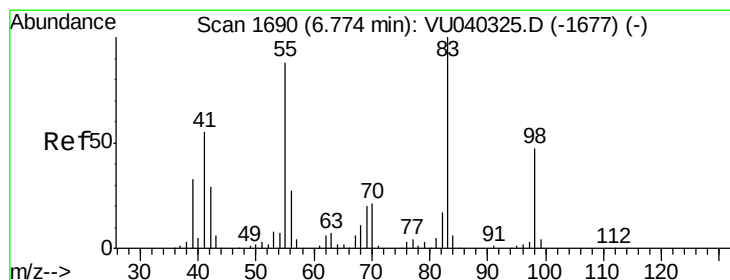
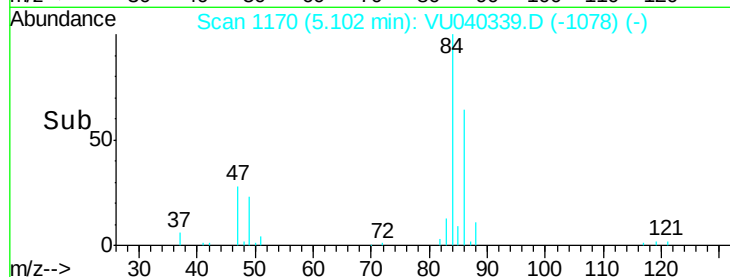
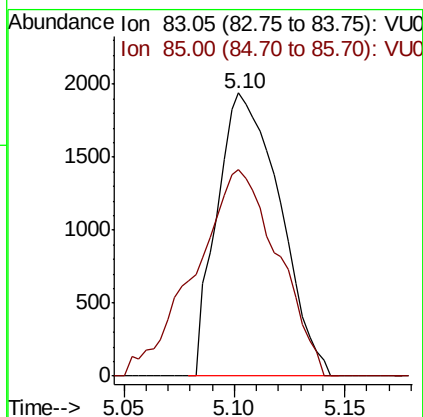
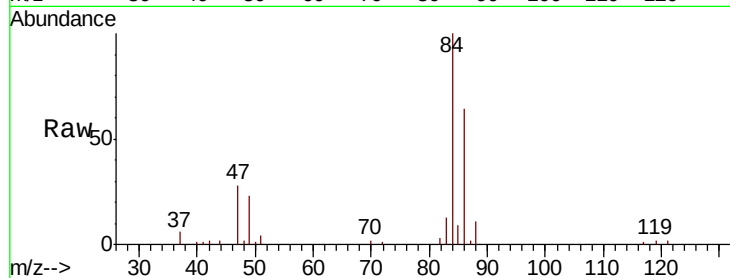




#25
Chloroform
Concen: 0.165 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040339.D
Acq: 28 Sep 2020 18:19

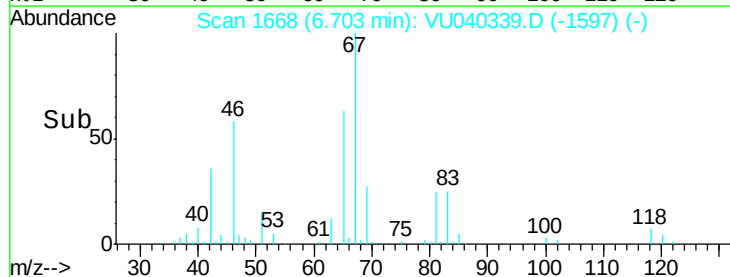
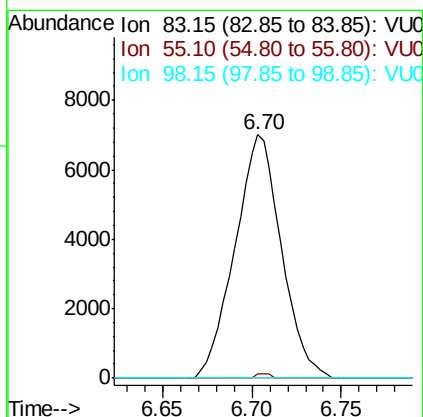
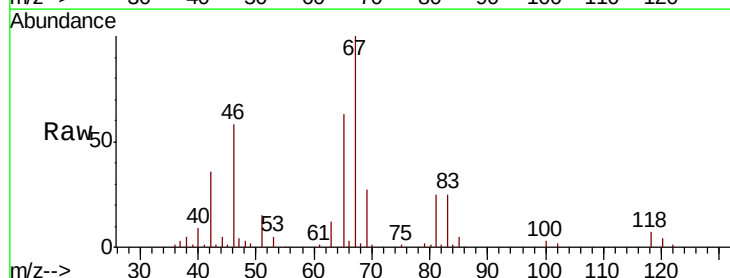
Instrument :
MSVOA_U
ClientSampleId :
BFZQ9

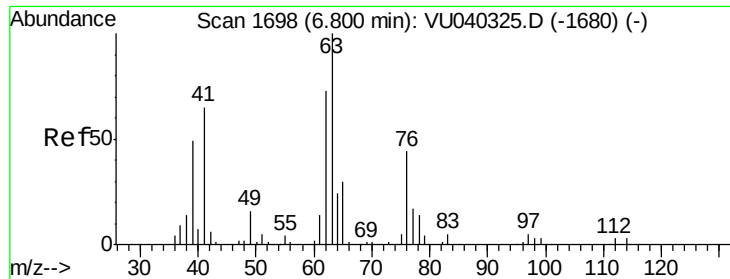
Tot Ion: 83 Resp: 3814
Ion Ratio Lower Upper
83 100
85 73.1 45.3 84.1



#35
Methylcyclohexane
Concen: 0.652 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040339.D
Acq: 28 Sep 2020 18:19

Tgt Ion: 83 Resp: 12723
Ion Ratio Lower Upper
83 100
55 0.5 70.5 105.7#
98 2.0 37.8 56.6#

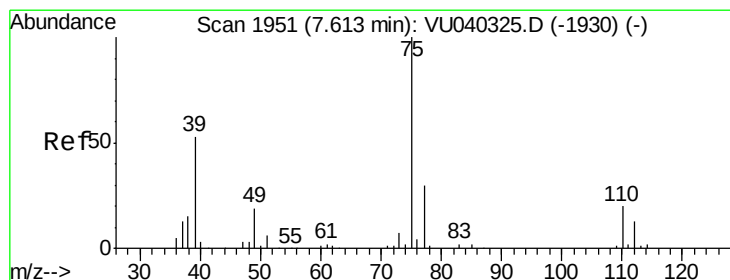
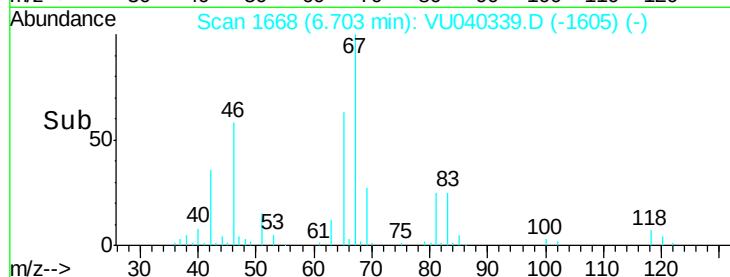
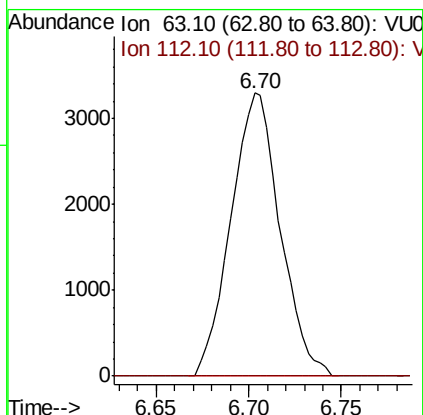
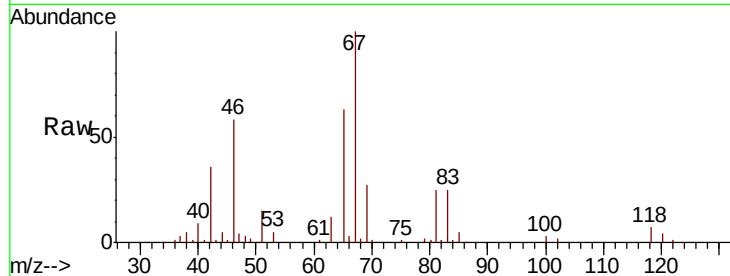




#37
 1,2-Dichloropropane
 Concen: 0.471 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040339.D
 Acq: 28 Sep 2020 18:19

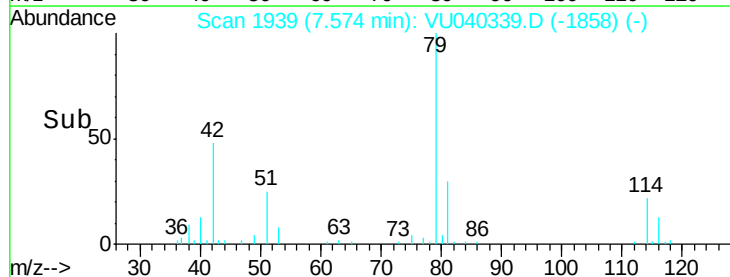
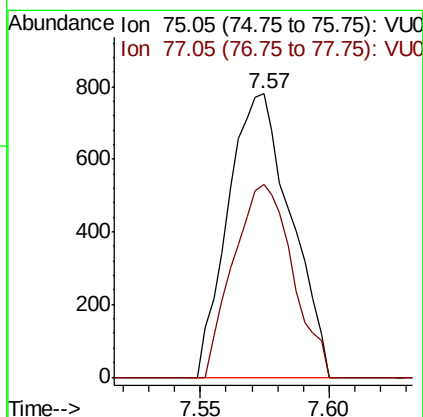
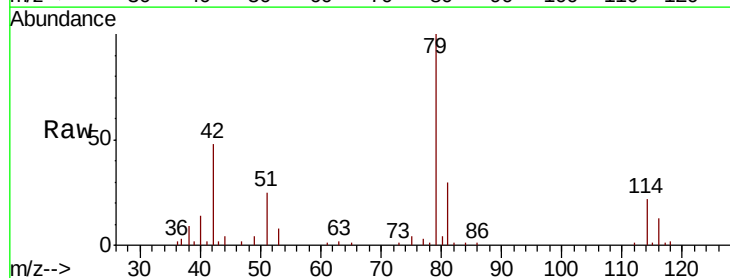
Instrument :
 MSVOA_U
 ClientSampleId :
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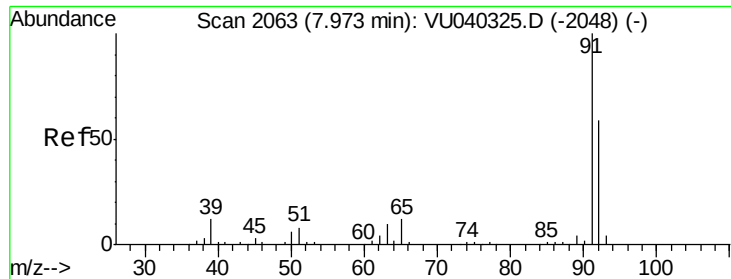
Tot Ion: 63 Resp: 6054
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040339.D
 Acq: 28 Sep 2020 18:19

Tgt Ion: 75 Resp: 1325
 Ion Ratio Lower Upper
 75 100
 77 68.2 21.1 39.3#





#42

Toluene

Concen: 0.038 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VU040339.D

Acq: 28 Sep 2020 18:19

Instrument :

MSVOA_U

ClientSampleId :

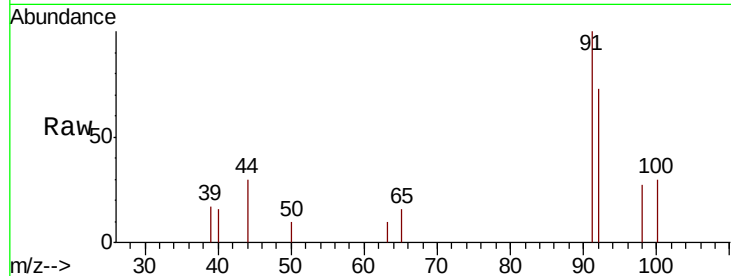
BFZQ9

Tot Ion: 91 Resp: 1863

Ion Ratio Lower Upper

91 100

92 73.5 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

1200

1000

800

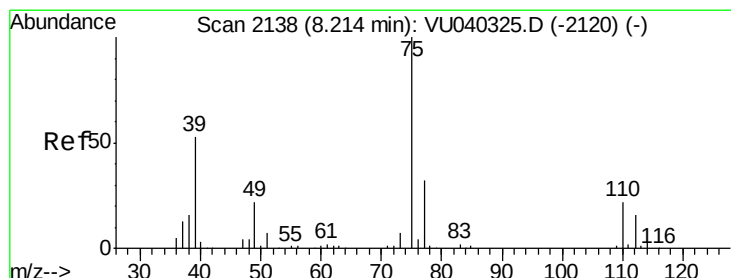
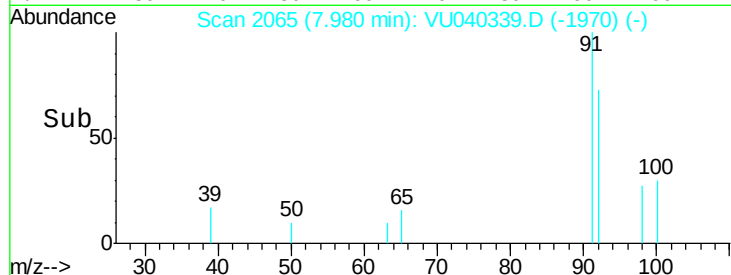
600

400

200

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.054 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040339.D

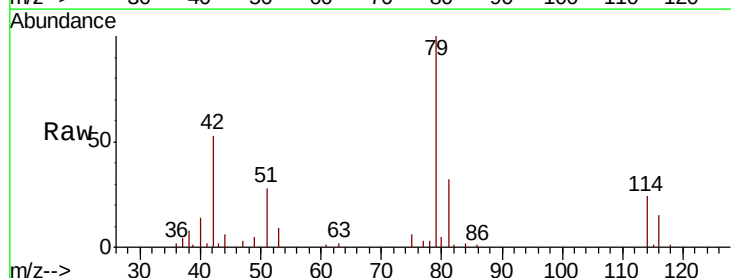
Acq: 28 Sep 2020 18:19

Tgt Ion: 75 Resp: 944

Ion Ratio Lower Upper

75 100

77 45.5 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

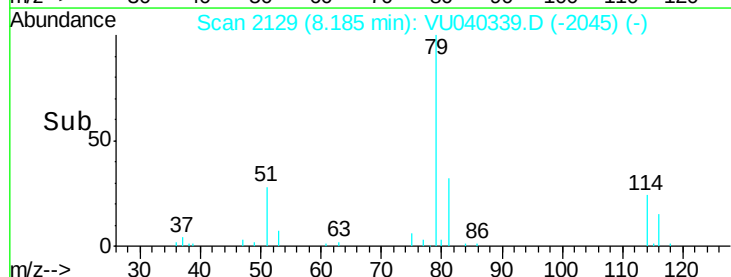
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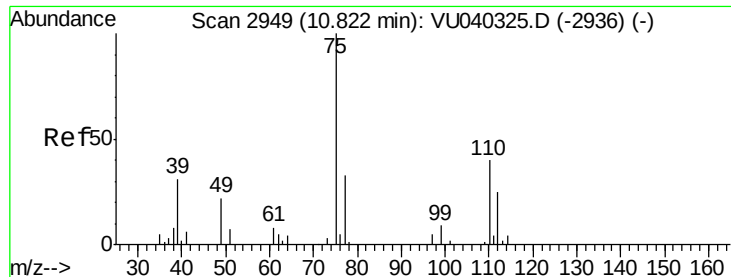
400

200

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.967 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040339.D

Acq: 28 Sep 2020 18:19

Instrument :

MSVOA_U

ClientSampleId :

BFZQ9

Tot Ion: 75 Resp: 9221

Ion Ratio Lower Upper

75 100

77 34.7 24.9 37.3

