

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040335.D
 Acq On : 28 Sep 2020 16:23
 Operator : SY/MD
 Sample : L4147-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZQ9

Quant Time: Sep 29 07:27:04 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	126522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36763	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.92	69	33735	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.20%
11) 1,1-Dichloroethene-d2	2.58	63	61126	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	167120	60.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.96%
24) Chloroform-d	5.08	84	78880	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	50213	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.74	84	153645	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	53221	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.91	98	128381	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.19	79	19251	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	120170	55.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46237	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	51152	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

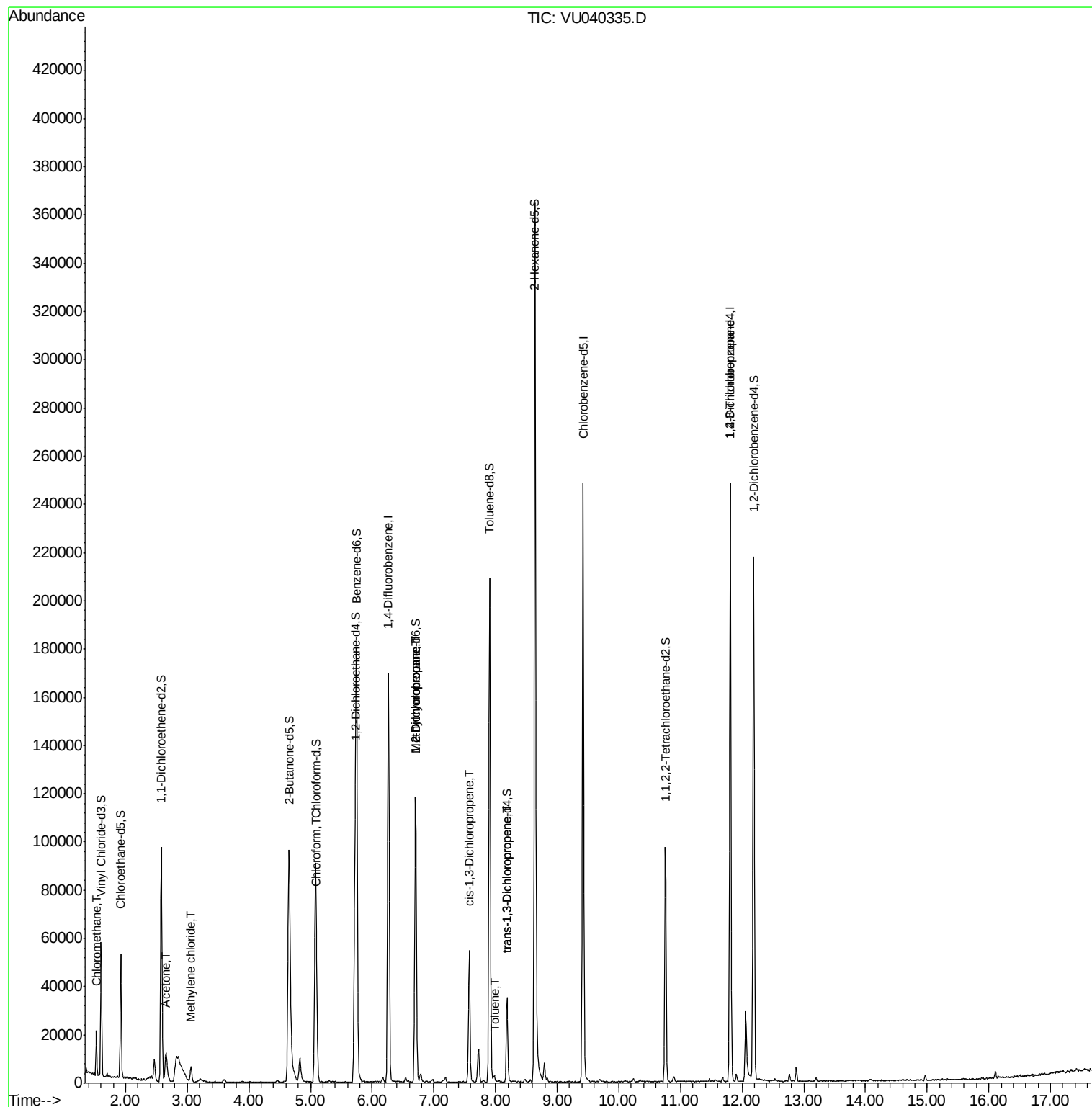
					Ovalue
3) Chloromethane	1.53	50	11978	0.996	ug/L 100
13) Acetone	2.66	43	20124	7.868	ug/L 94
16) Methylene chloride	3.06	84	2462	0.192	ug/L 85
25) Chloroform	5.11	83	3597	0.162	ug/L 93
35) Methylcyclohexane	6.70	83	12095	0.640	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	6030	0.484	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1444	0.079	ug/L # 65
42) Toluene	7.97	91	1802	0.038	ug/L 97
44) trans-1,3-Dichloropropene	8.18	75	879	0.052	ug/L # 38
59) 1,2,3-Trichloropropane	11.81	75	8353	0.905	ug/L # 82

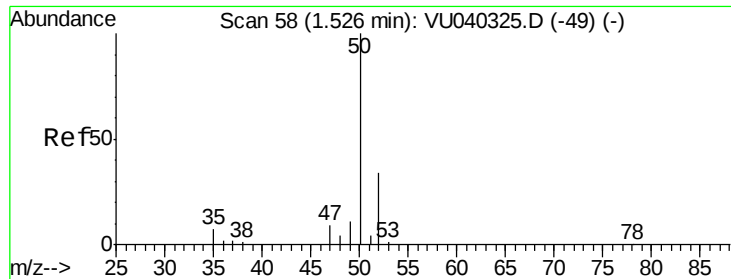
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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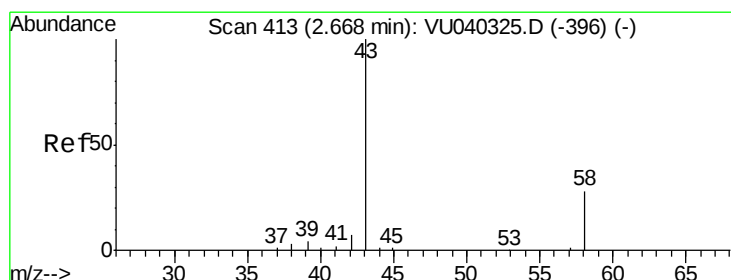
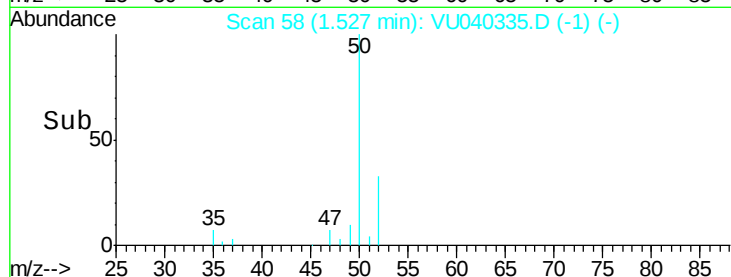
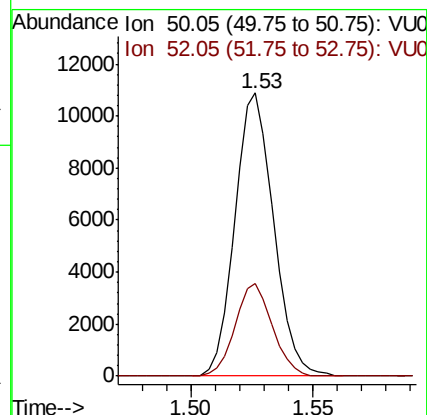
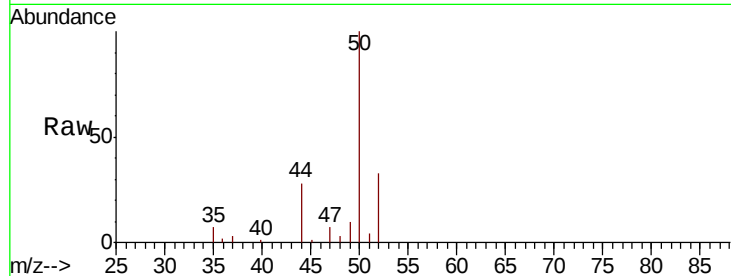




#3
Chloromethane
Concen: 0.996 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040335.D
Acq: 28 Sep 2020 16:23

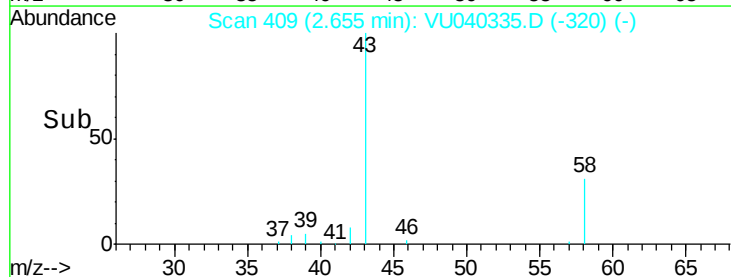
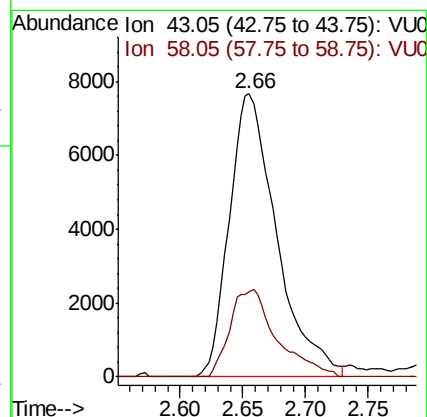
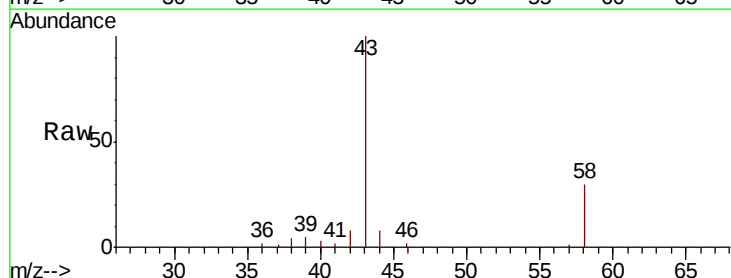
Instrument :
MSVOA_U
ClientSampleId :
BFZQ9

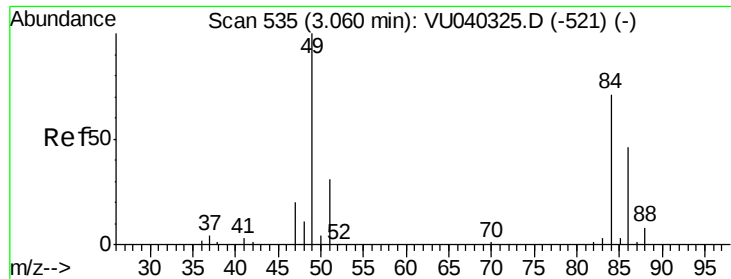
Tot Ion: 50 Resp: 11978
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4



#13
Acetone
Concen: 7.868 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: VU040335.D
Acq: 28 Sep 2020 16:23

Tgt Ion: 43 Resp: 20124
Ion Ratio Lower Upper
43 100
58 30.6 0.0 55.4

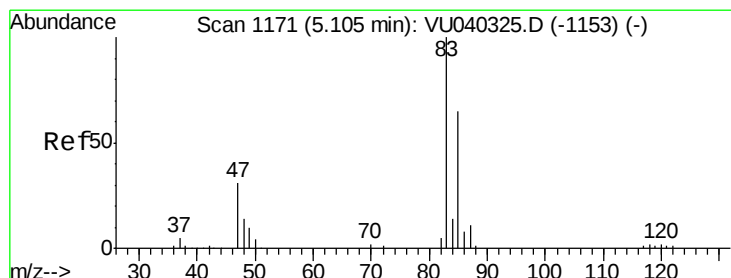
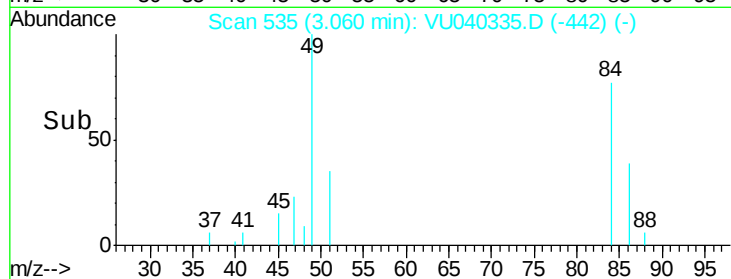
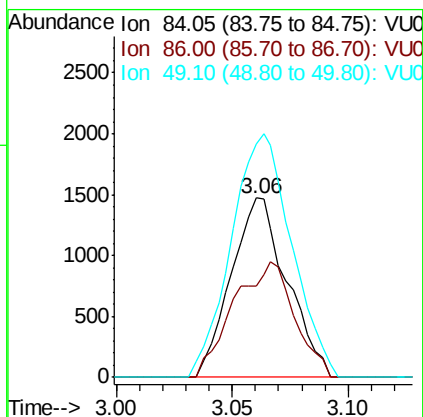
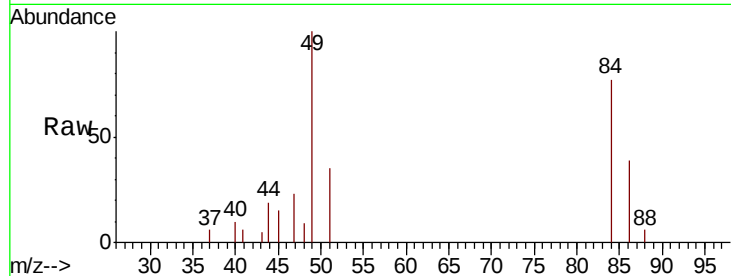




#16
Methvlene chloride
Concen: 0.192 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040335.D
Acq: 28 Sep 2020 16:23

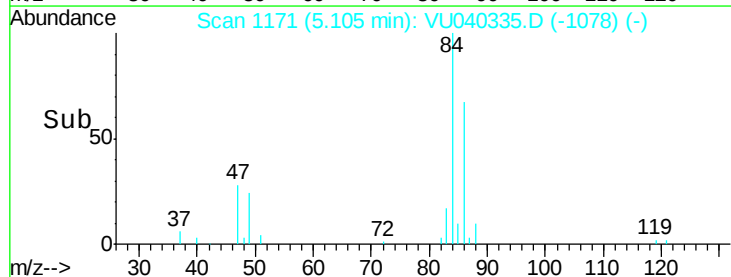
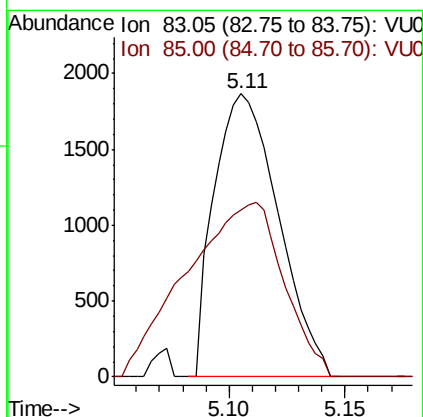
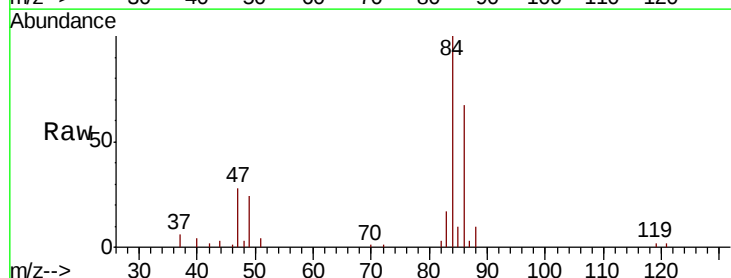
Instrument :
MSVOA_U
ClientSampleId :
BFZQ9

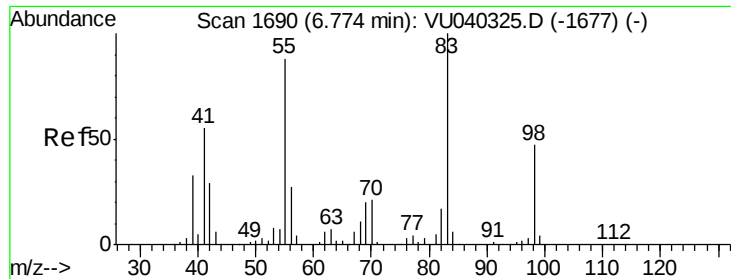
Tot Ion: 84 Resp: 2462
Ion Ratio Lower Upper
84 100
86 50.9 45.2 84.0
49 130.2 104.0 193.2



#25
Chloroform
Concen: 0.162 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040335.D
Acq: 28 Sep 2020 16:23

Tgt Ion: 83 Resp: 3597
Ion Ratio Lower Upper
83 100
85 59.1 45.3 84.1

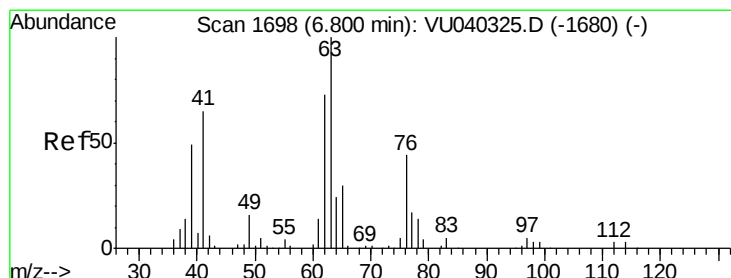
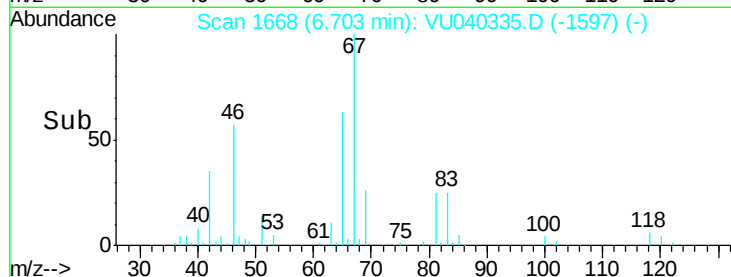
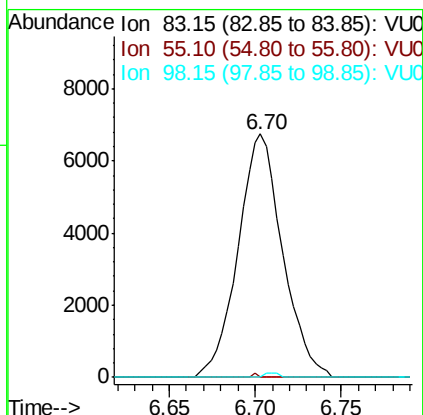
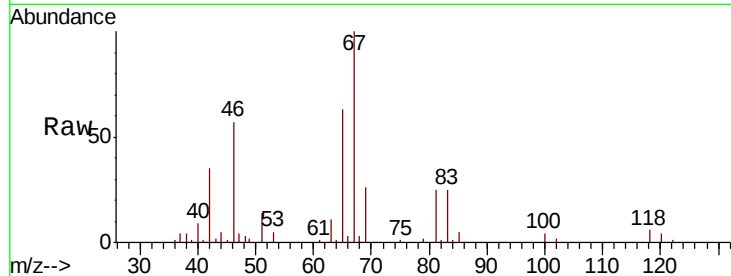




#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040335.D
Acq: 28 Sep 2020 16:23

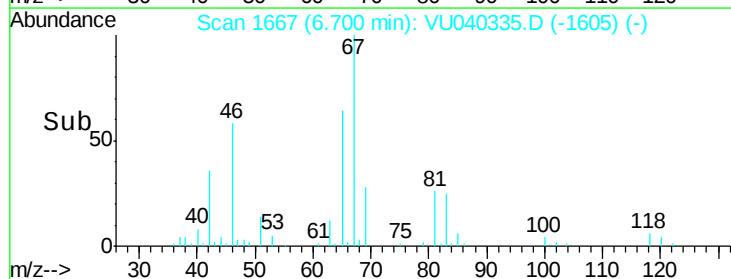
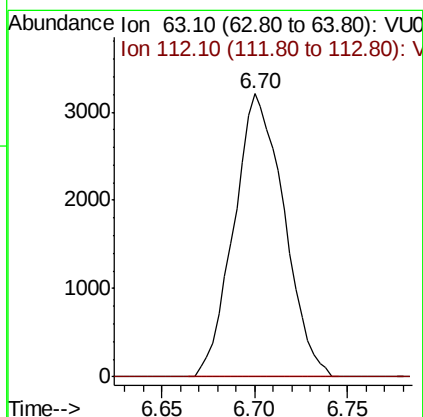
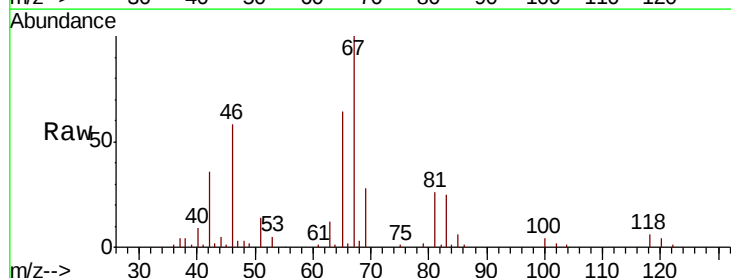
Instrument :
MSVOA_U
ClientSampleId :
BFZQ9

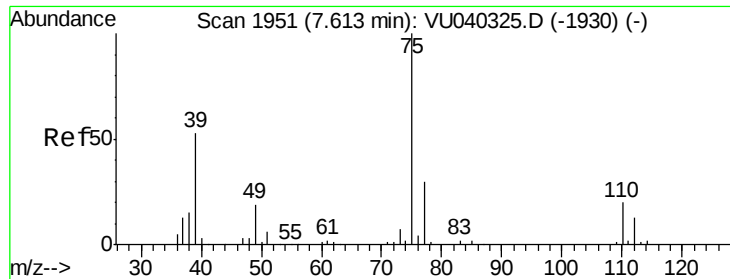
Tot Ion: 83 Resp: 12095
Ion Ratio Lower Upper
83 100
55 0.2 70.5 105.7#
98 0.5 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040335.D
Acq: 28 Sep 2020 16:23

Tgt Ion: 63 Resp: 6030
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

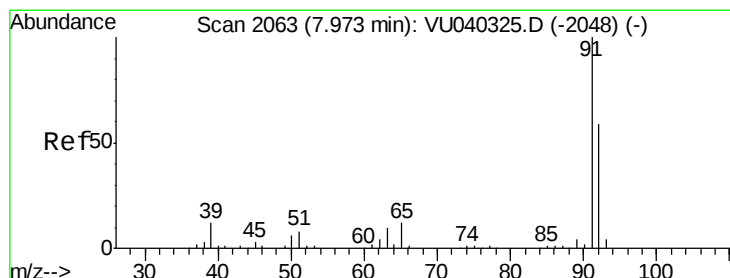
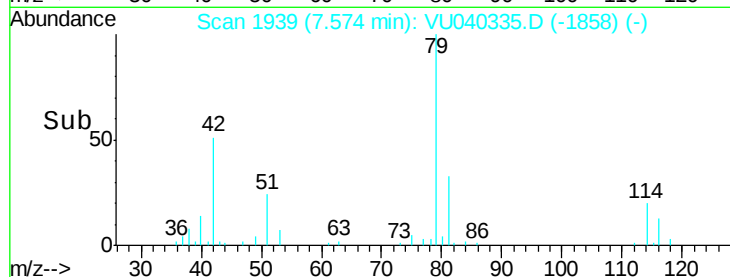
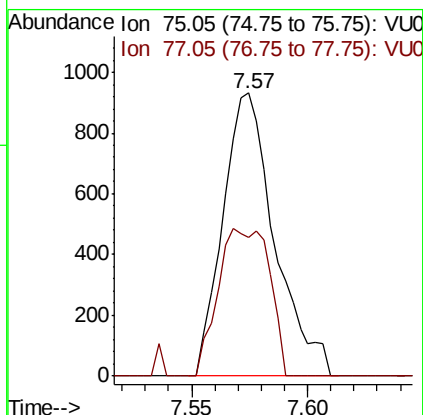
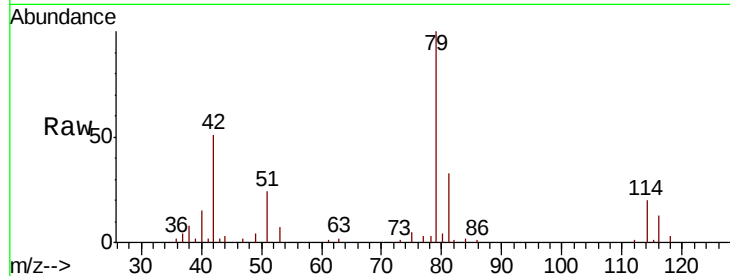




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040335.D
 Acq: 28 Sep 2020 16:23

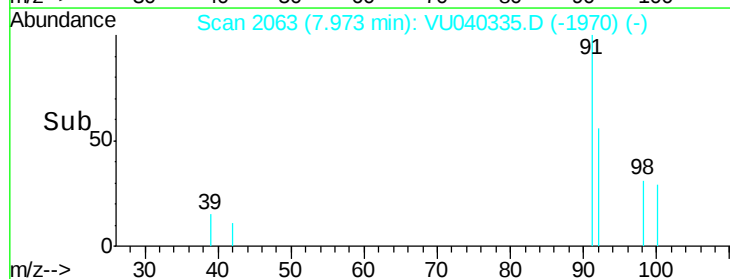
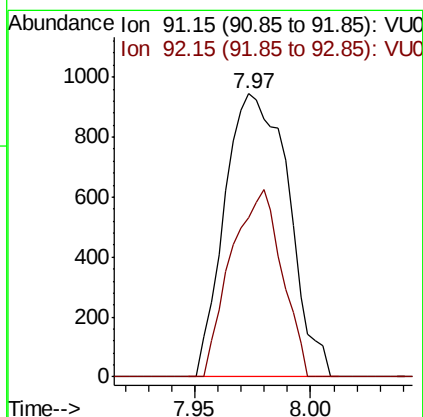
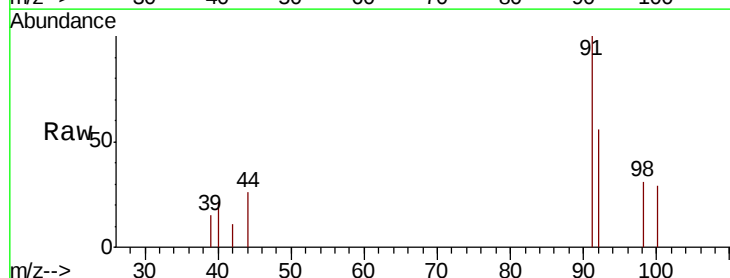
Instrument :
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 ClientSampleId :
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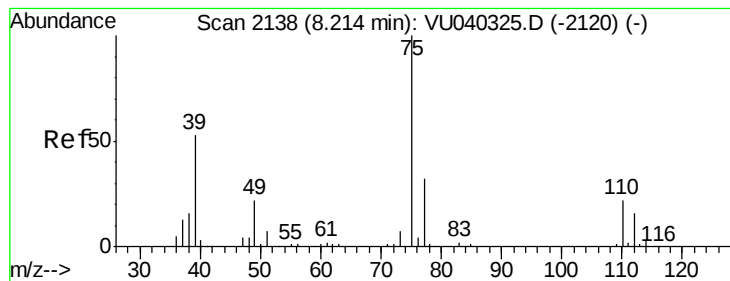
Tot Ion: 75 Resp: 1444
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.1 39.3#



#42
 Toluene
 Concen: 0.038 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU040335.D
 Acq: 28 Sep 2020 16:23

Tgt Ion: 91 Resp: 1802
 Ion Ratio Lower Upper
 91 100
 92 56.1 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.052 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040335.D

Acq: 28 Sep 2020 16:23

Instrument :

MSVOA_U

ClientSampleId :

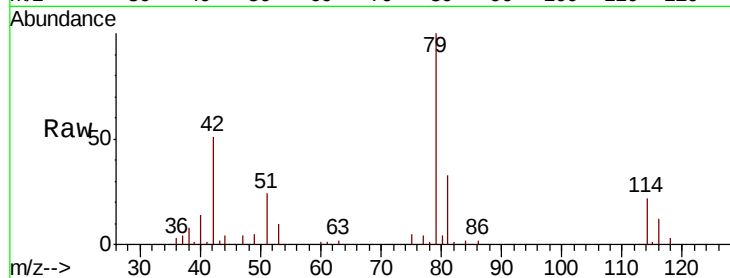
BFZQ9

Tot Ion: 75 Resp: 879

Ion Ratio Lower Upper

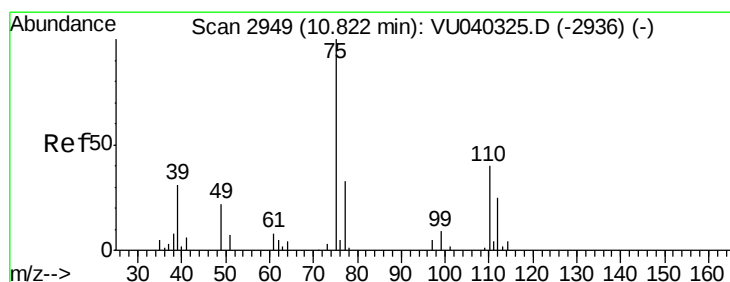
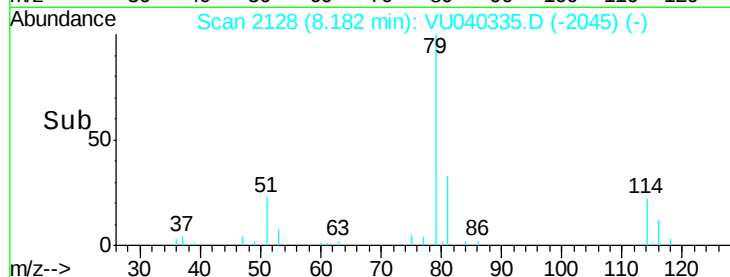
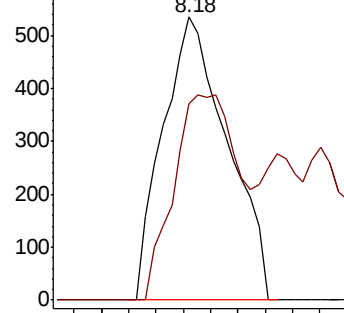
75 100

77 69.5 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: 0.905 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040335.D

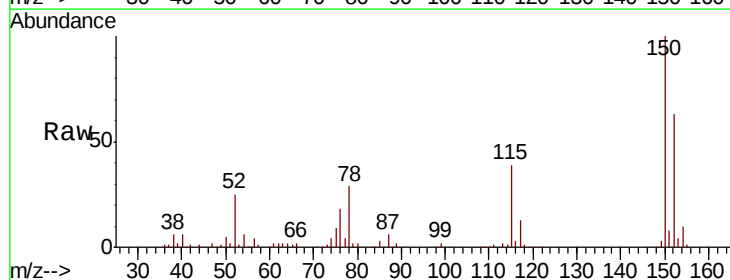
Acq: 28 Sep 2020 16:23

Tgt Ion: 75 Resp: 8353

Ion Ratio Lower Upper

75 100

77 40.9 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

