

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U093020\
 Data File : VU040394.D
 Acq On : 30 Sep 2020 13:20
 Operator : SY/MD
 Sample : L4188-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q9DL

Quant Time: Oct 01 03:07:11 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	125294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24009	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.92	69	26867	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	43822	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.65	46	154214	50.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.10%
24) Chloroform-d	5.08	84	76539	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	43290	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.75	84	122086	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	44508	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	93476	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.19	79	17170	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	106082	45.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44214	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44785	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

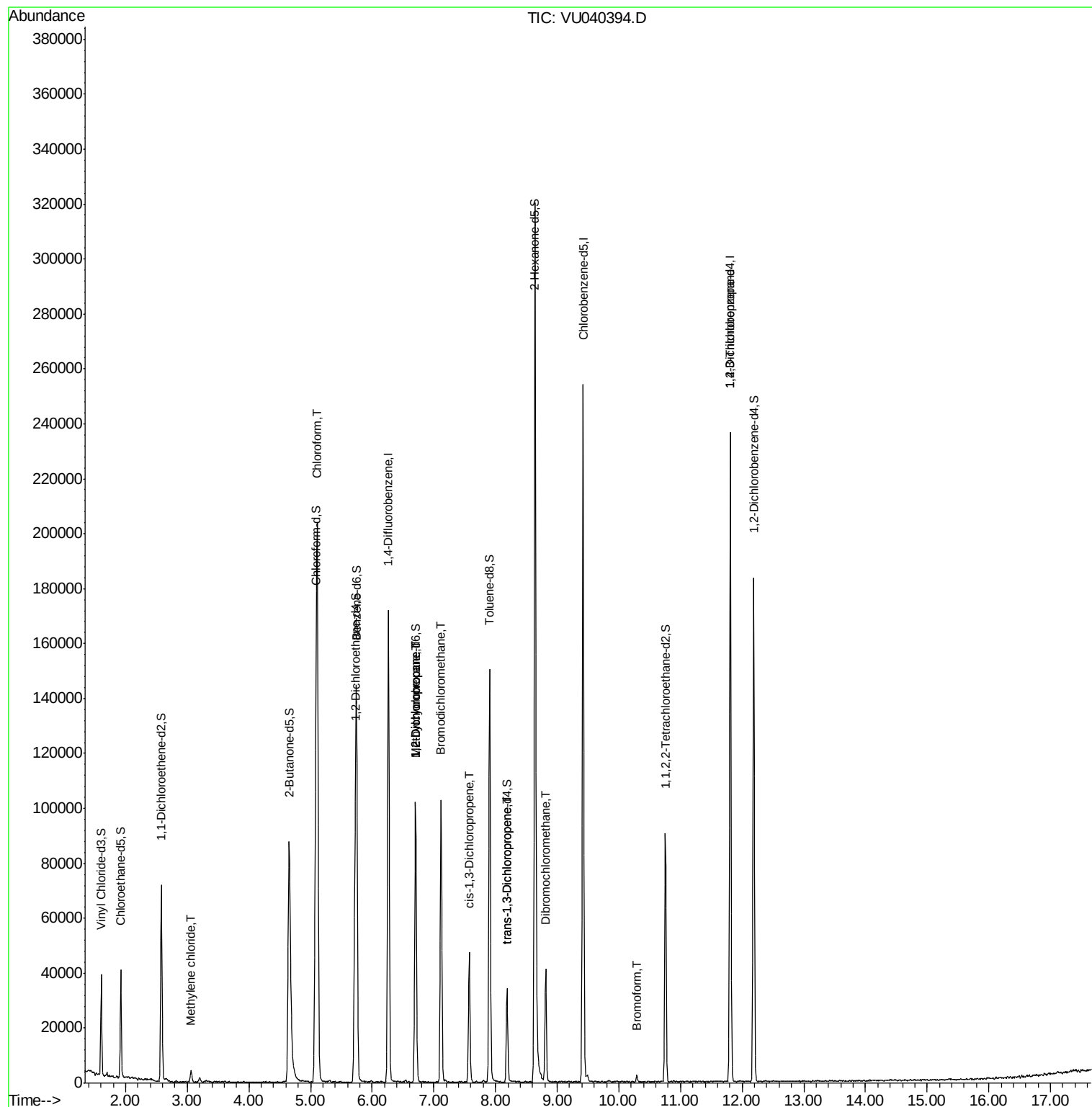
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1937	0.162	ug/L	92
25) Chloroform	5.11	83	155055	7.507	ug/L	99
35) Methylcyclohexane	6.70	83	10573	0.620	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5210	0.427	ug/L #	88
38) Bromodichloromethane	7.11	83	65078	4.318	ug/L	97
39) cis-1,3-Dichloropropene	7.57	75	1350	0.082	ug/L	88
44) trans-1,3-Dichloropropene	8.19	75	829	0.055	ug/L	86
49) Dibromochloromethane	8.82	129	19922	2.002	ug/L	100
59) 1,2,3-Trichloropropane	11.81	75	8690	0.982	ug/L	96
61) Bromoform	10.29	173	929	0.196	ug/L #	92

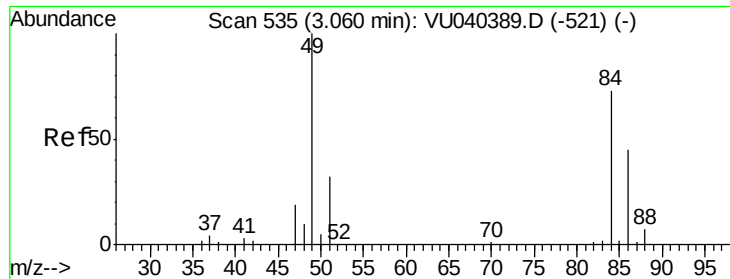
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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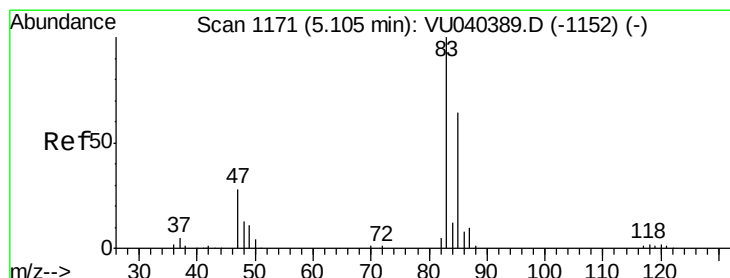
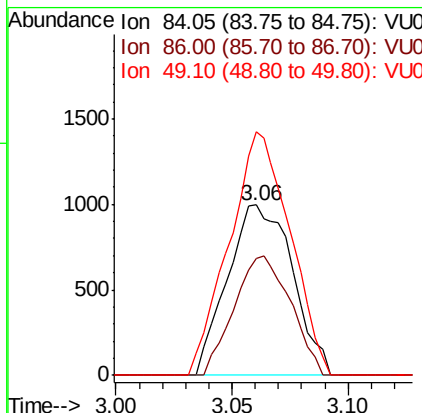
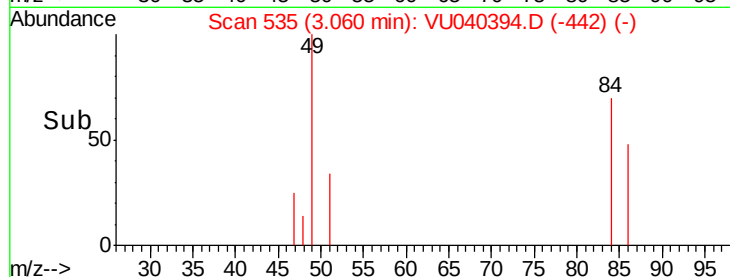
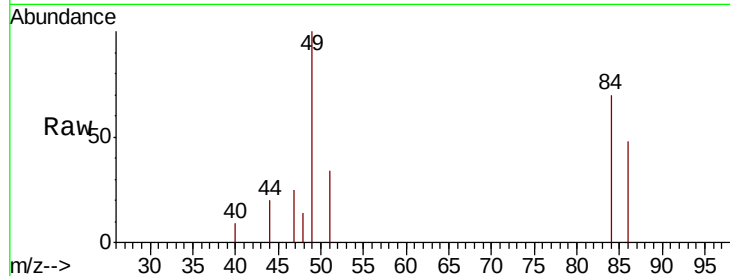




#16
Methylene chloride
Concen: 0.162 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040394.D
Acq: 30 Sep 2020 13:20

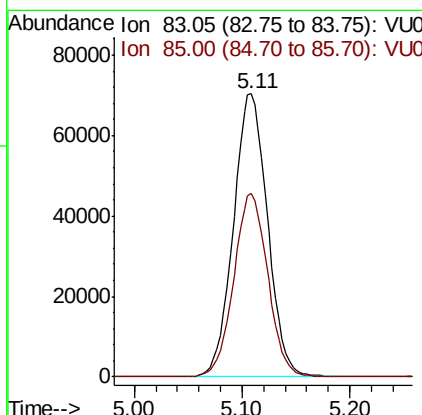
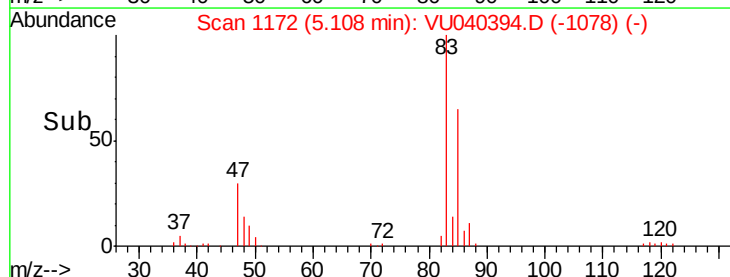
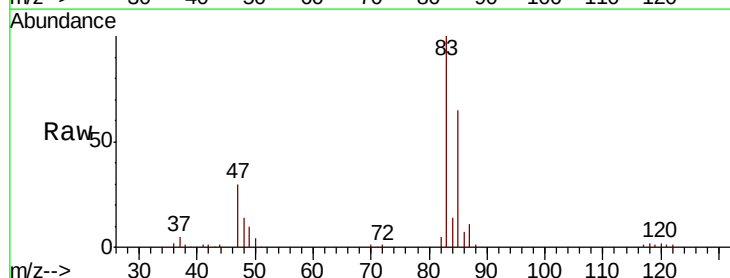
Instrument :
MSVOA_U
ClientSampleId :
BG0Q9DL

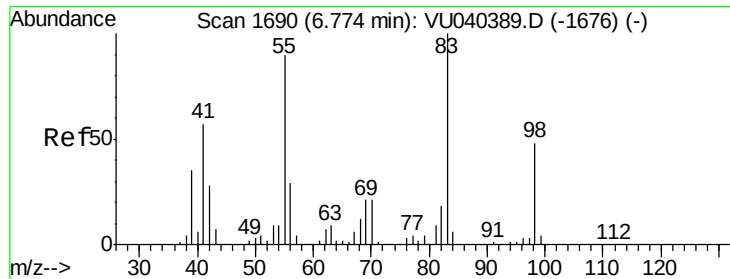
Tot Ion: 84 Resp: 1937
Ion Ratio Lower Upper
84 100
86 68.5 44.4 82.5
49 142.8 92.2 171.2



#25
Chloroform
Concen: 7.507 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040394.D
Acq: 30 Sep 2020 13:20

Tgt Ion: 83 Resp: 155055
Ion Ratio Lower Upper
83 100
85 64.7 44.6 82.8





#35

Methylcyclohexane

Concen: 0.620 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040394.D

Acq: 30 Sep 2020 13:20

Instrument :

MSVOA_U

ClientSampleID :

BG0Q9DL

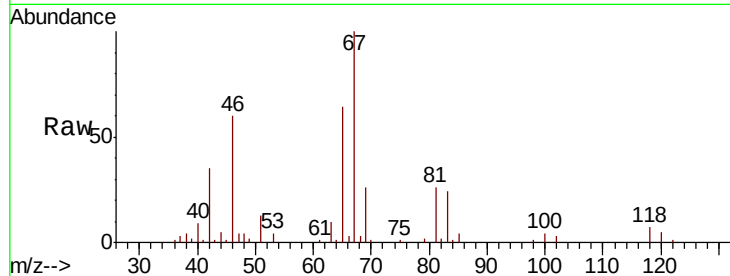
Tot Ion: 83 Resp: 10573

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

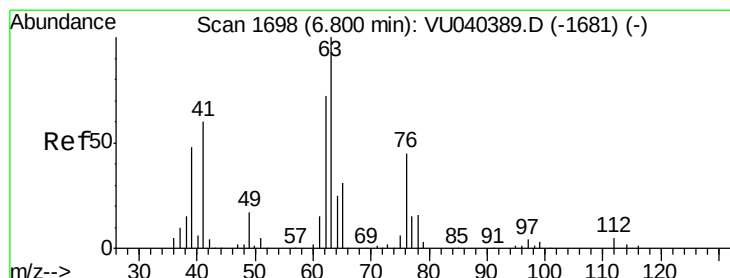
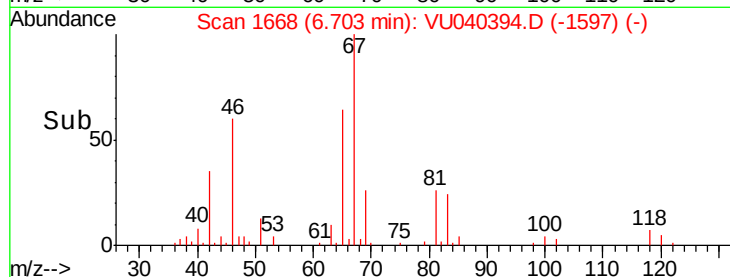
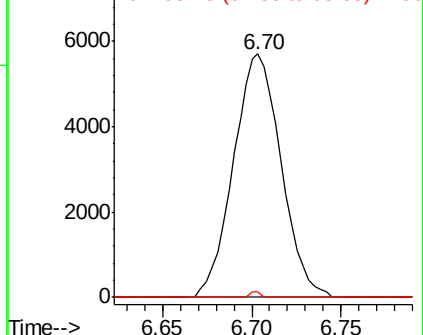
98 0.5 38.5 57.7#



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



#37

1,2-Dichloropropane

Concen: 0.427 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU040394.D

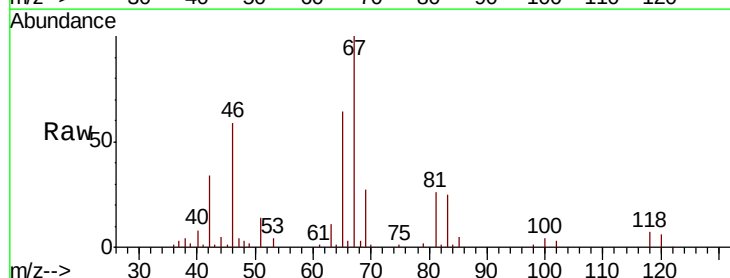
Acq: 30 Sep 2020 13:20

Tgt Ion: 63 Resp: 5210

Ion Ratio Lower Upper

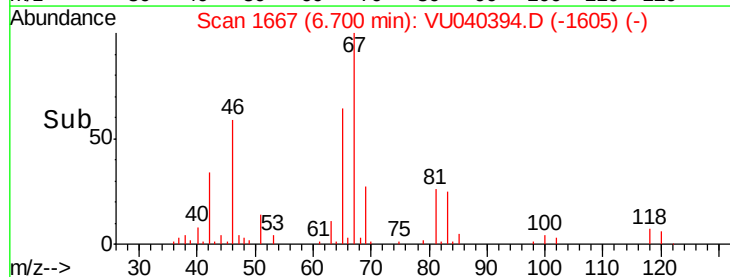
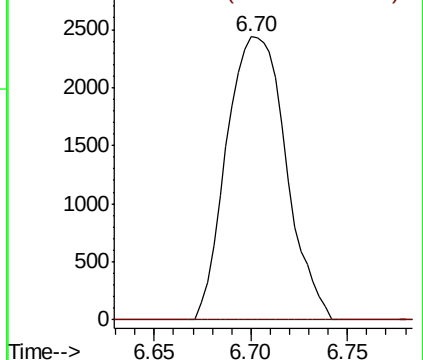
63 100

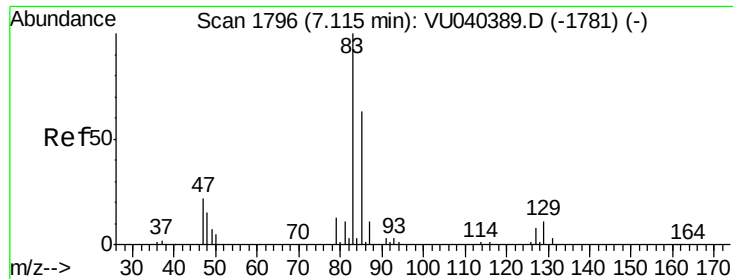
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

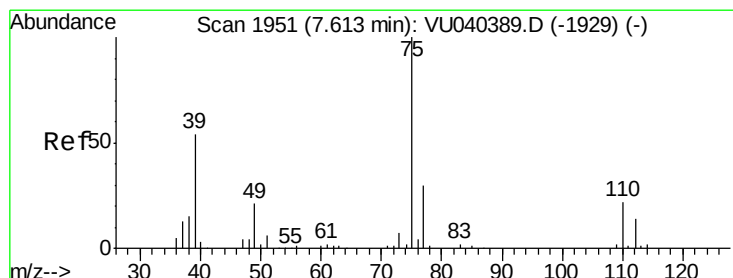
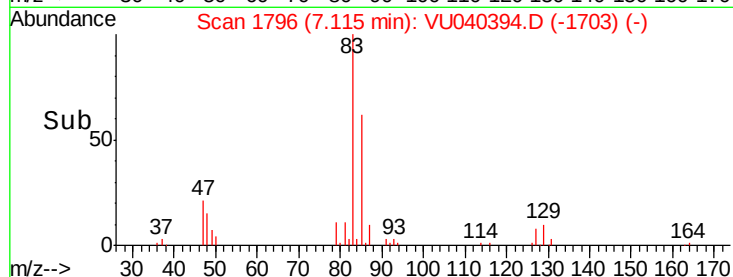
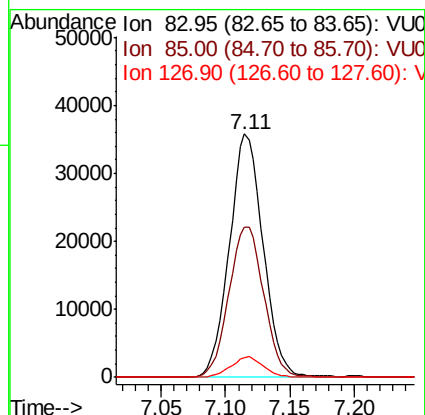
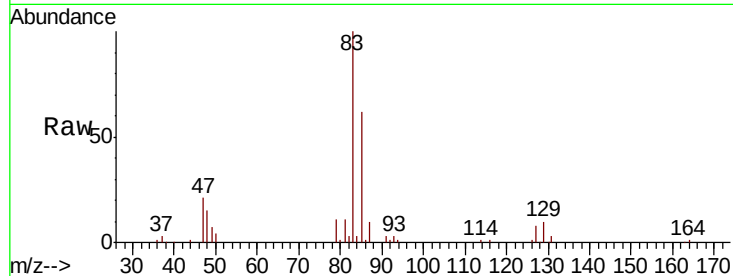




#38
 Bromodichloromethane
 Concen: 4.318 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU040394.D
 Acq: 30 Sep 2020 13:20

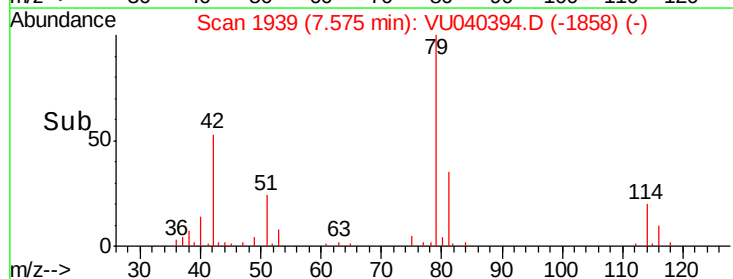
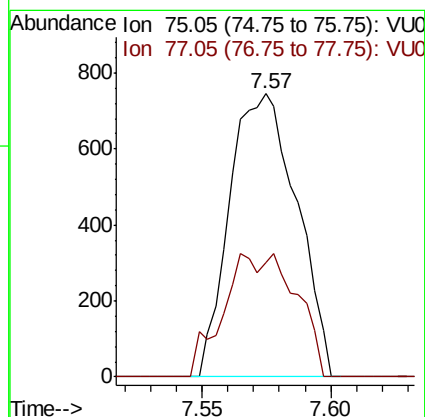
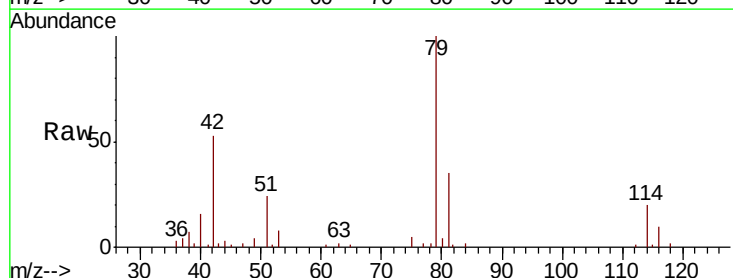
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q9DL

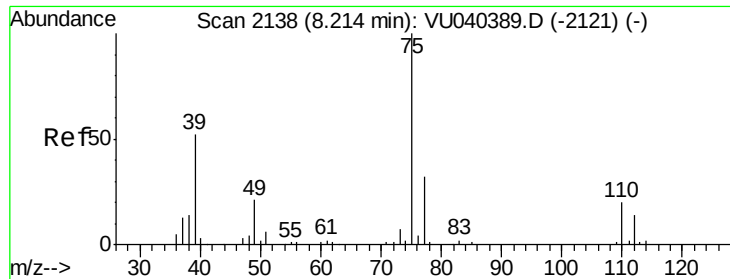
Tot Ion: 83 Resp: 65078
 Ion Ratio Lower Upper
 83 100
 85 61.7 45.1 83.9
 127 8.3 6.6 9.8



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040394.D
 Acq: 30 Sep 2020 13:20

Tgt Ion: 75 Resp: 1350
 Ion Ratio Lower Upper
 75 100
 77 40.3 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040394.D

Acq: 30 Sep 2020 13:20

Instrument :

MSVOA_U

ClientSampled :

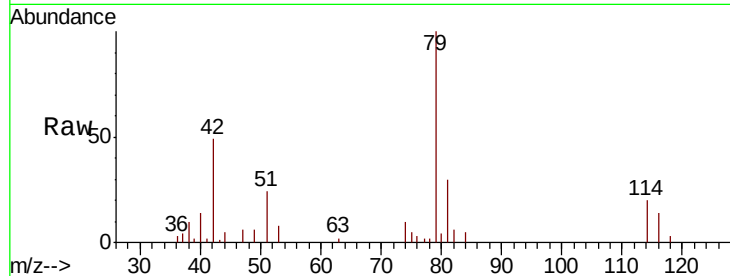
BG0Q9DL

Tot Ion: 75 Resp: 829

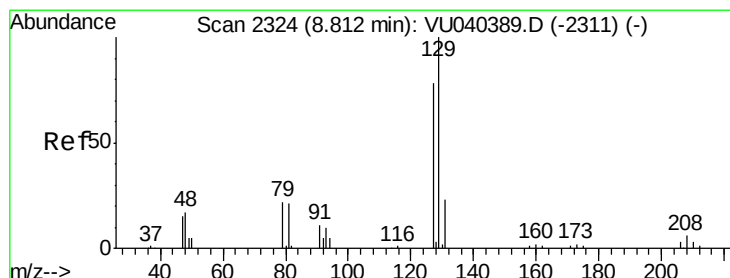
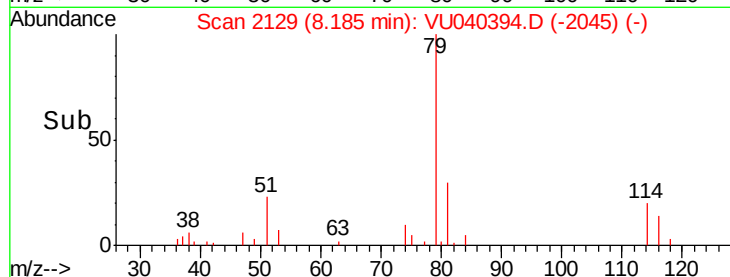
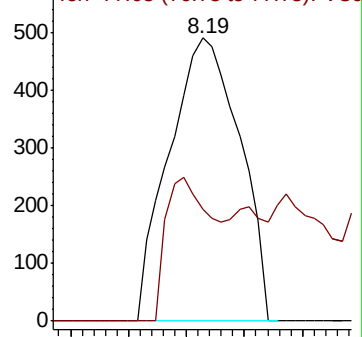
Ion Ratio Lower Upper

75 100

77 39.4 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU040389.D (-2121) (-)



#49

Dibromochloromethane

Concen: 2.002 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU040394.D

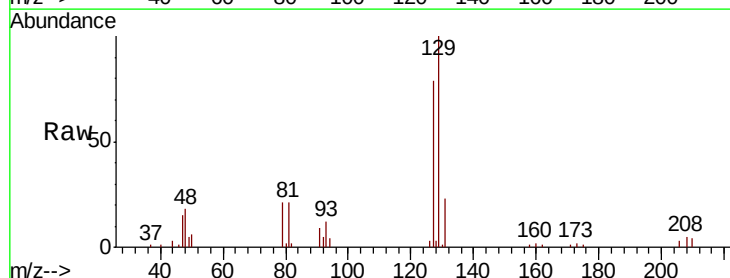
Acq: 30 Sep 2020 13:20

Tgt Ion: 129 Resp: 19922

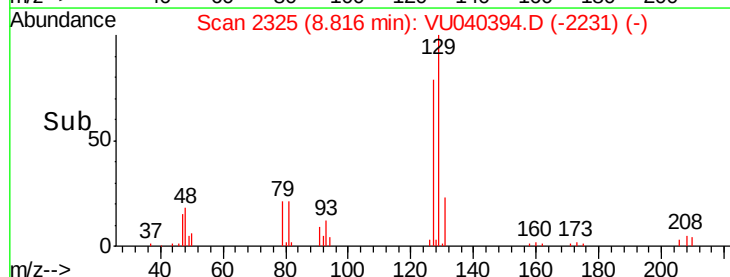
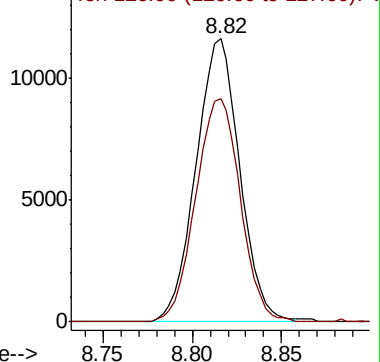
Ion Ratio Lower Upper

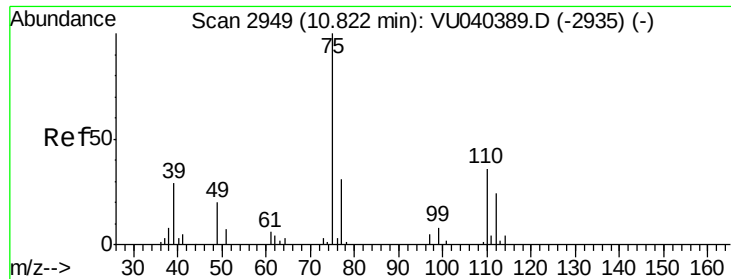
129 100

127 79.0 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): VU040389.D (-2311) (-)

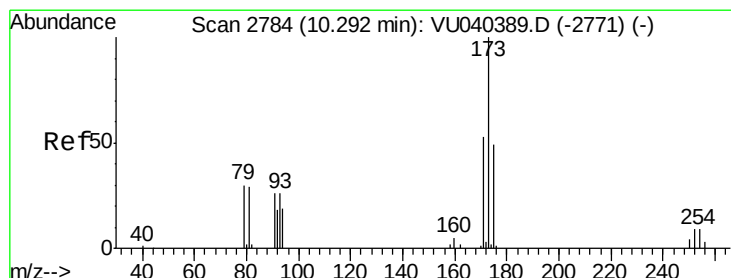
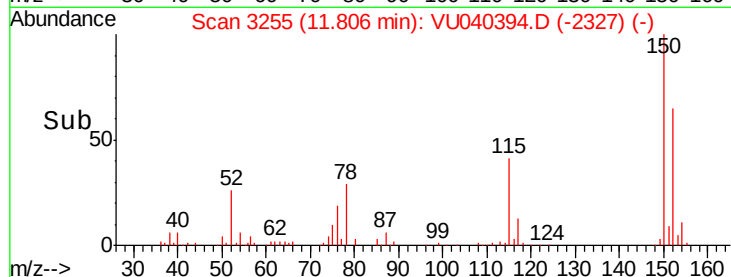
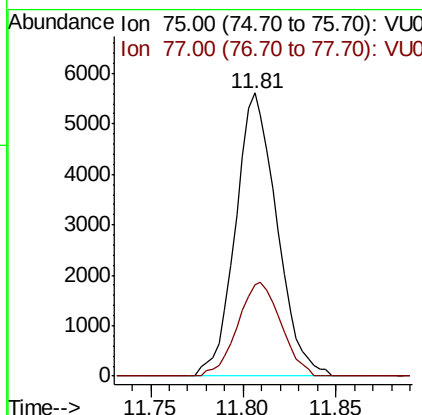
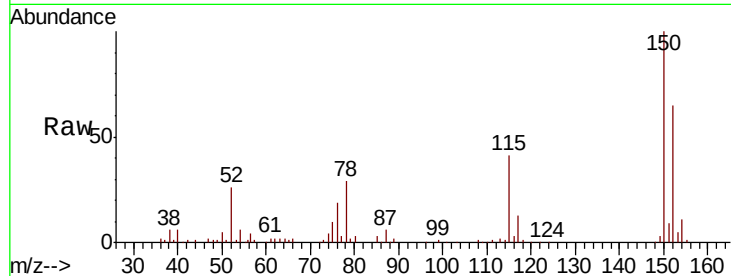




#59
 1,2,3-Trichloropropane
 Concen: 0.982 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040394.D
 Acq: 30 Sep 2020 13:20

Instrument :
 MSVOA_U
 ClientSampleID :
 BG0Q9DL

Tot Ion: 75 Resp: 8690
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.7 38.5



#61
 Bromoform
 Concen: 0.196 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VU040394.D
 Acq: 30 Sep 2020 13:20

Tgt Ion:173 Resp: 929
 Ion Ratio Lower Upper
 173 100
 175 53.4 39.6 59.4
 254 0.0 7.0 10.4#

