

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040331.D
 Acq On : 28 Sep 2020 14:50
 Operator : SY/MD
 Sample : L4147-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ0

Quant Time: Sep 29 07:26:28 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	141528	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31461	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.92	69	31222	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	52105	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.66	46	170603	55.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	5.08	84	74605	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.72	65	46912	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.74	84	139185	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.70	67	49333	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	109040	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.19	79	18209	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.64	63	118759	50.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44013	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	48784	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

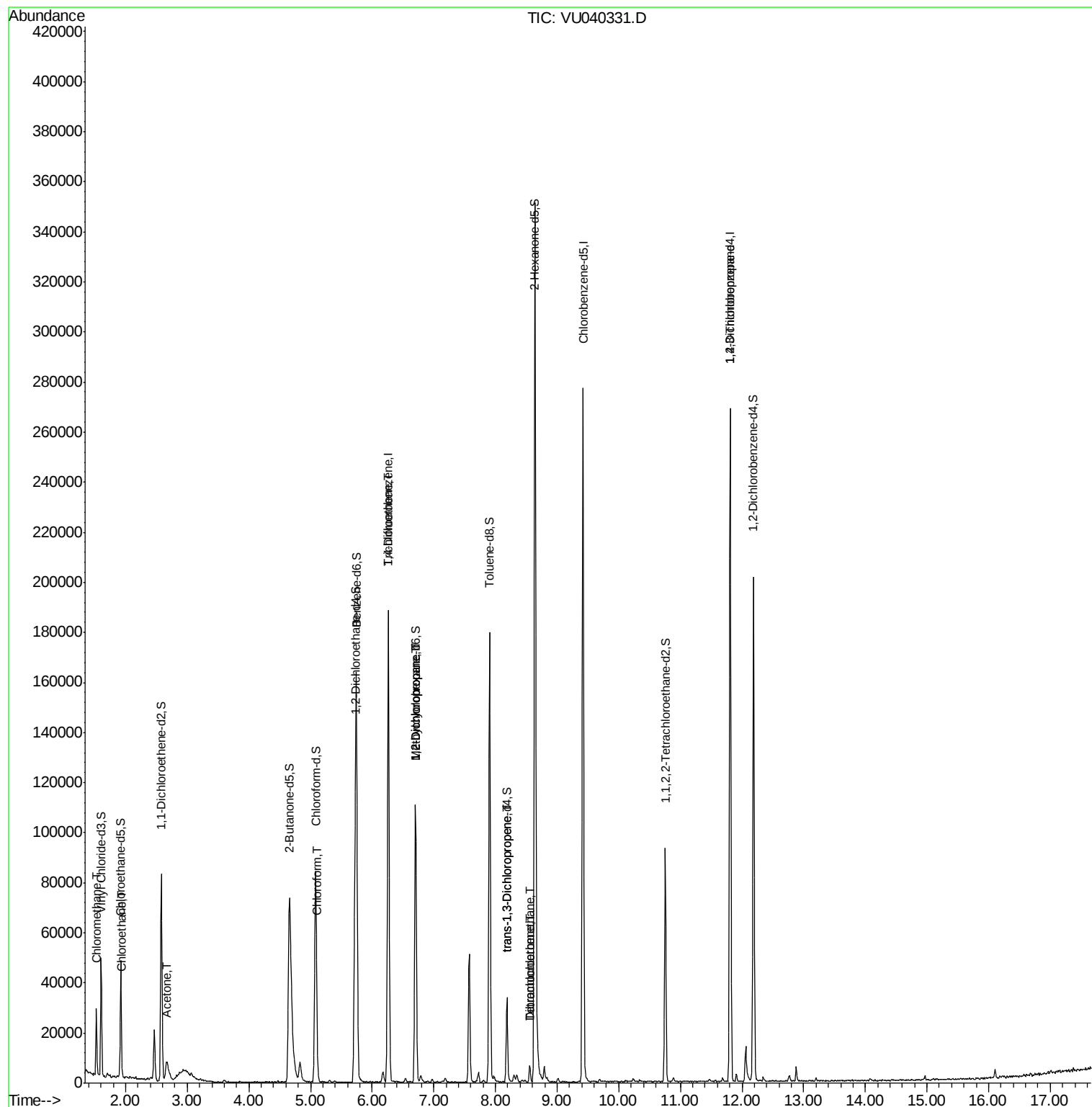
					Ovalue
3) Chloromethane	1.53	50	18735	1.393	ug/L 99
8) Chloroethane	1.94	64	415	0.051	ug/L 90
13) Acetone	2.67	43	16584	5.796	ug/L 93
25) Chloroform	5.11	83	3208	0.129	ug/L 93
34) Trichloroethene	6.26	95	2526	0.187	ug/L # 9
35) Methylcyclohexane	6.70	83	10934	0.527	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5675	0.415	ug/L # 88
44) trans-1,3-Dichloropropene	8.19	75	980	0.052	ug/L # 27
47) Tetrachloroethene	8.56	164	1224	0.138	ug/L 94
49) Dibromochloromethane	8.56	129	1441	0.121	ug/L # 11
59) 1,2,3-Trichloropropane	11.81	75	9367	0.925	ug/L # 85

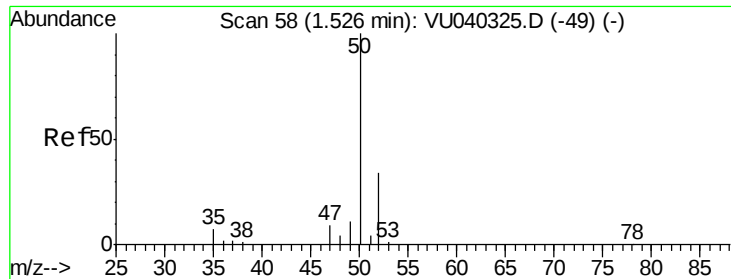
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.393 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040331.D

Acq: 28 Sep 2020 14:50

Instrument :

MSVOA_U

ClientSampleId :

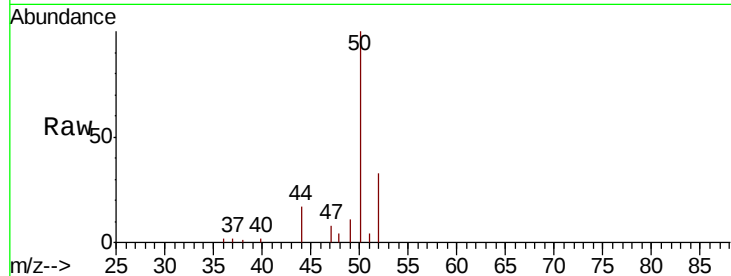
BFSJ0

Tot Ion: 50 Resp: 18735

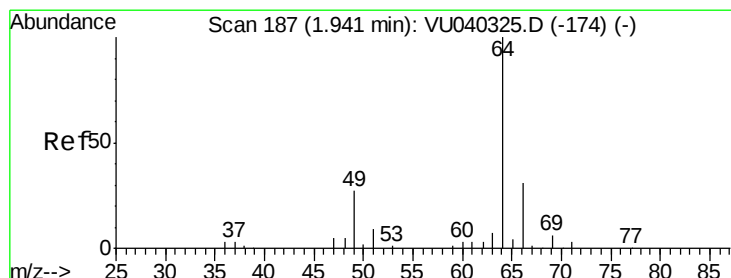
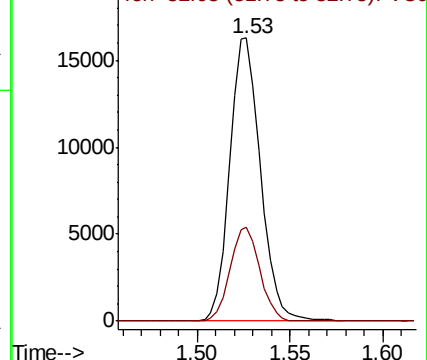
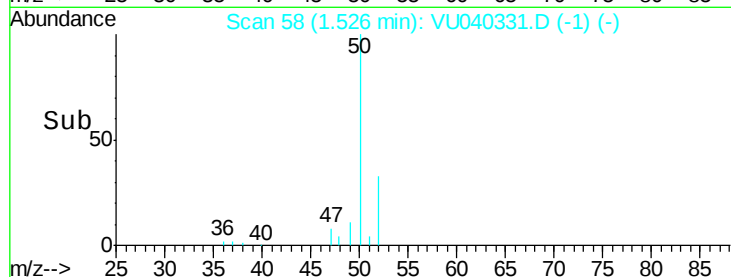
Ion Ratio Lower Upper

50 100

52 33.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040331.D (-1) (-)



#8

Chloroethane

Concen: 0.051 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040331.D

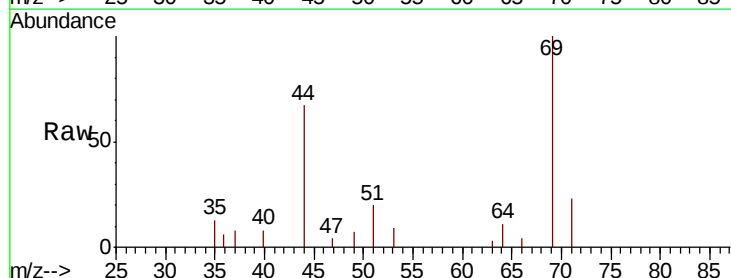
Acq: 28 Sep 2020 14:50

Tgt Ion: 64 Resp: 415

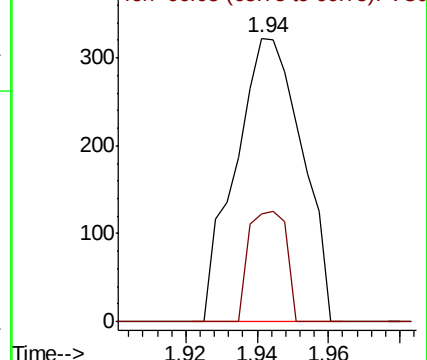
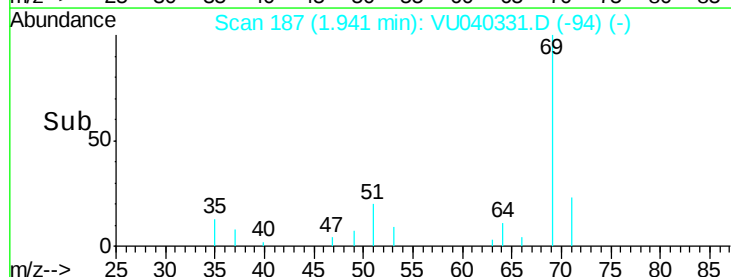
Ion Ratio Lower Upper

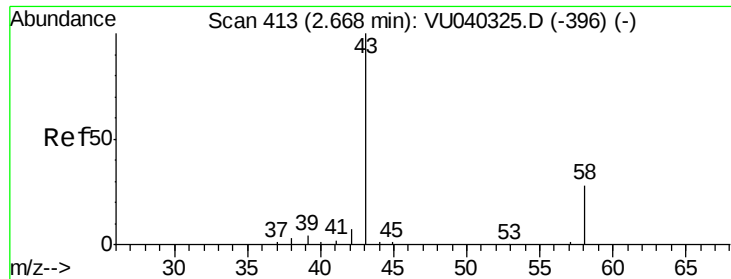
64 100

66 37.9 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU040331.D (-94) (-)





#13

Acetone

Concen: 5.796 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040331.D

Acq: 28 Sep 2020 14:50

Instrument :

MSVOA_U

ClientSampled :

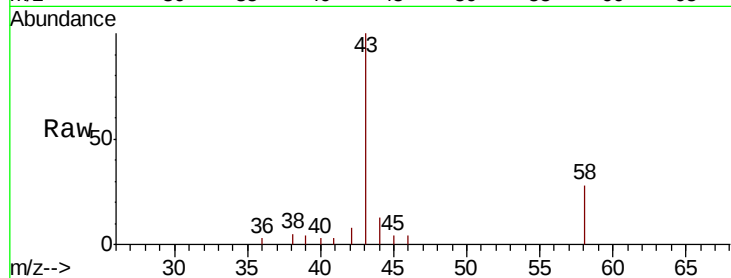
BFSJ0

Tot Ion: 43 Resp: 16584

Ion Ratio Lower Upper

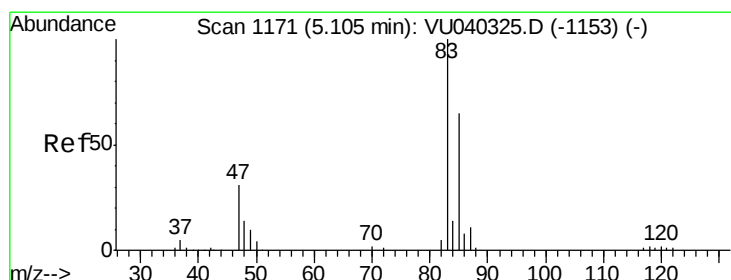
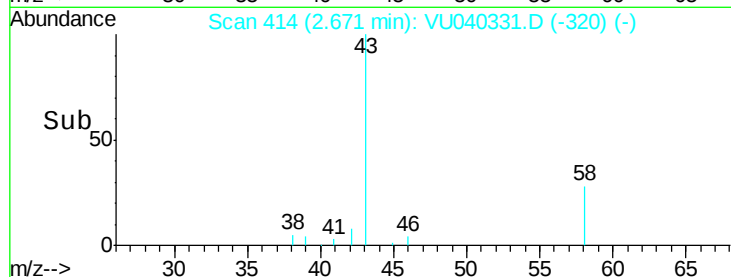
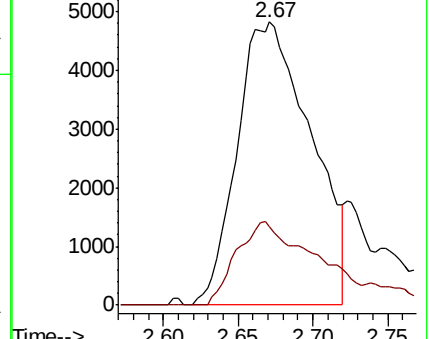
43 100

58 31.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040331.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040331.D (-320) (-)



#25

Chloroform

Concen: 0.129 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040331.D

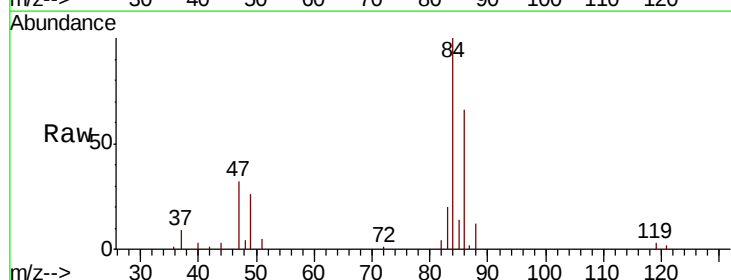
Acq: 28 Sep 2020 14:50

Tgt Ion: 83 Resp: 3208

Ion Ratio Lower Upper

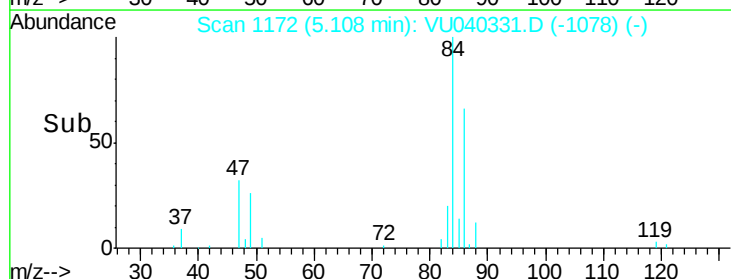
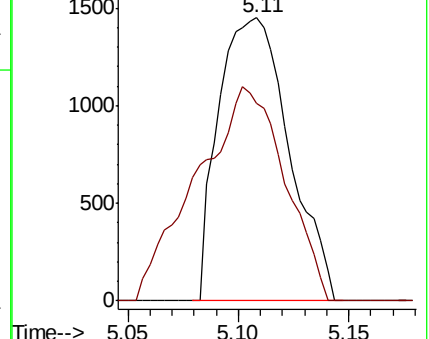
83 100

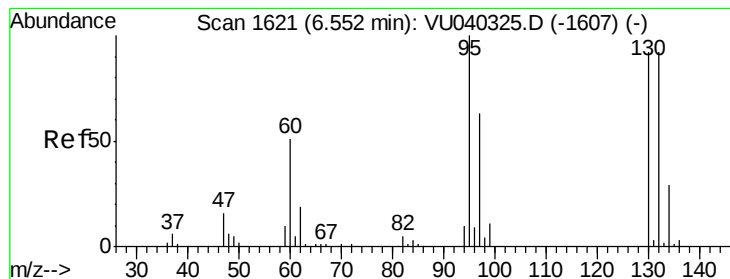
85 69.9 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040331.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040331.D (-1078) (-)





#34

Trichloroethene

Concen: 0.187 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU040331.D

Acq: 28 Sep 2020 14:50

Instrument :

MSVOA_U

ClientSampleId :

BFSJ0

Tot Ion: 95 Resp: 2526

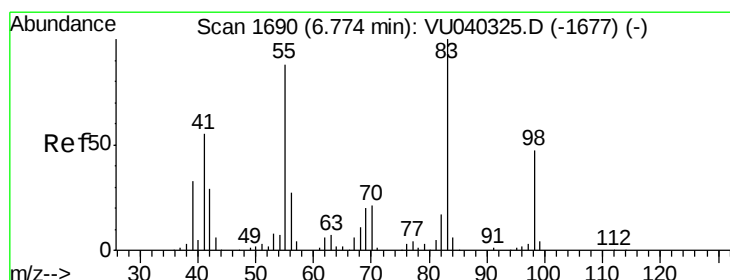
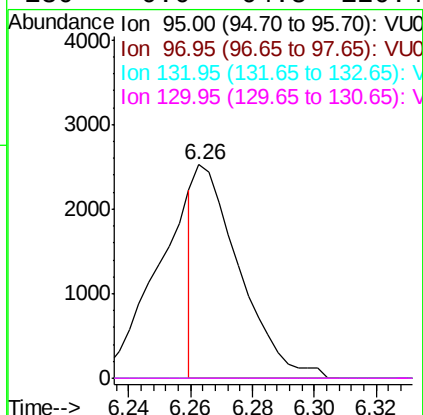
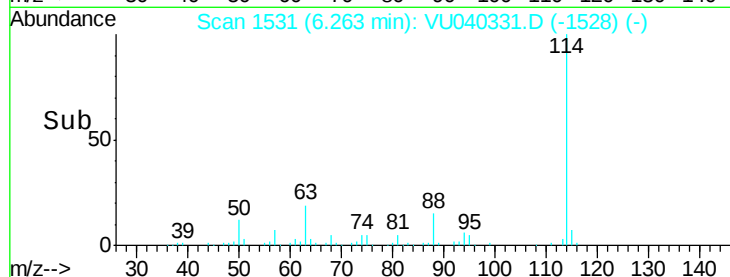
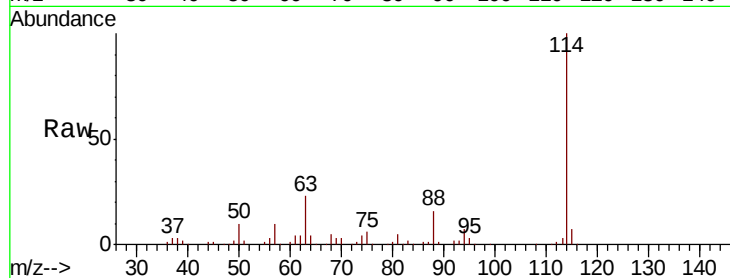
Ion Ratio Lower Upper

95 100

97 0.0 43.3 80.5#

132 0.0 59.4 110.4#

130 0.0 64.8 120.4#



#35

Methylcyclohexane

Concen: 0.527 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU040331.D

Acq: 28 Sep 2020 14:50

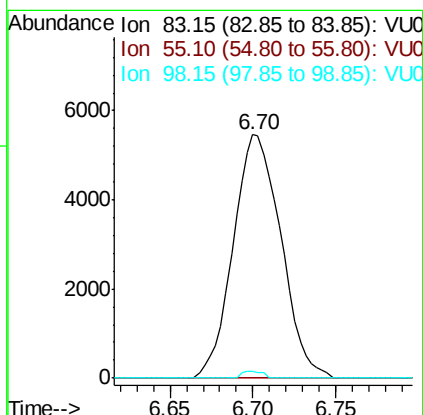
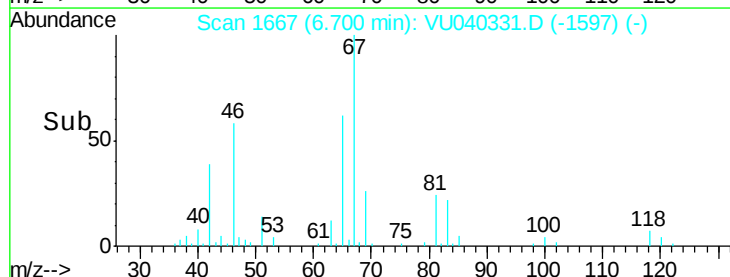
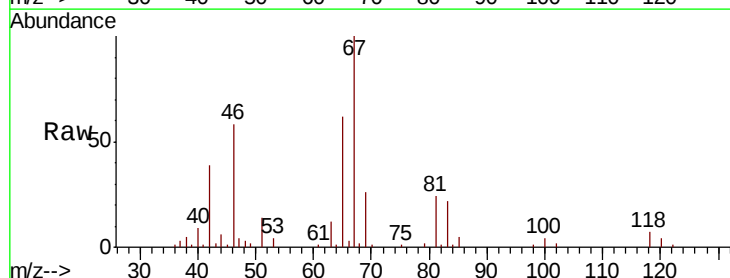
Tgt Ion: 83 Resp: 10934

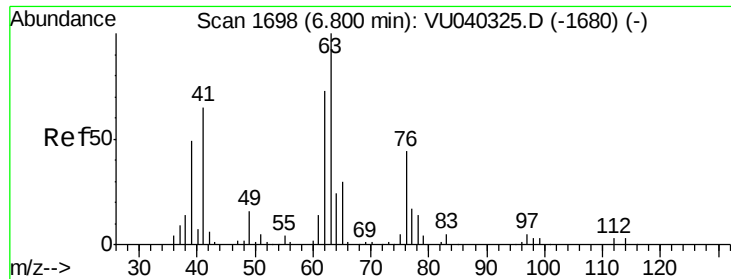
Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 1.2 37.8 56.6#

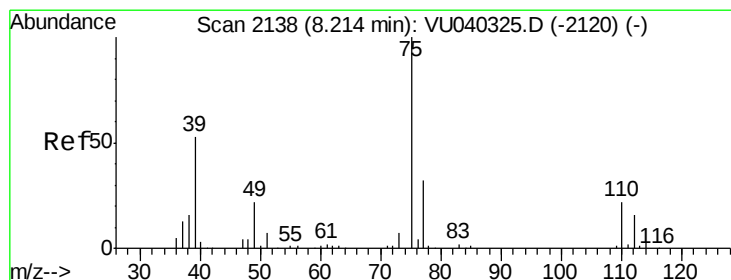
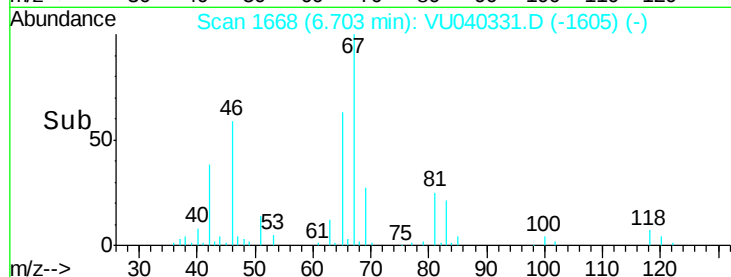
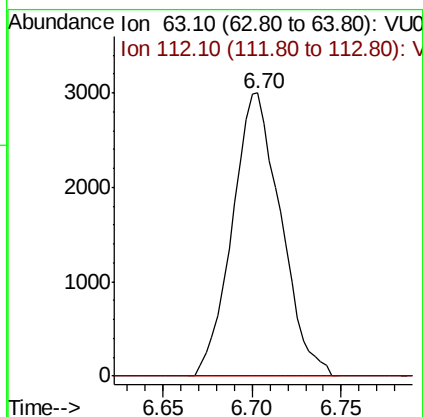
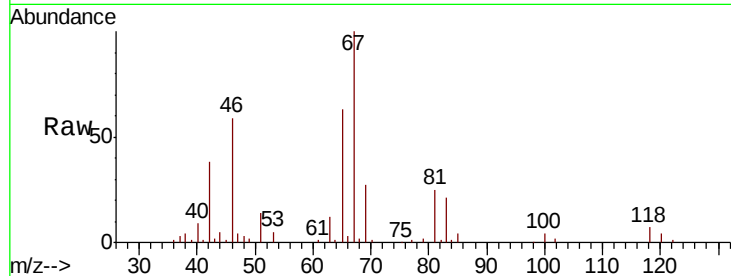




#37
 1,2-Dichloropropane
 Concen: 0.415 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040331.D
 Acq: 28 Sep 2020 14:50

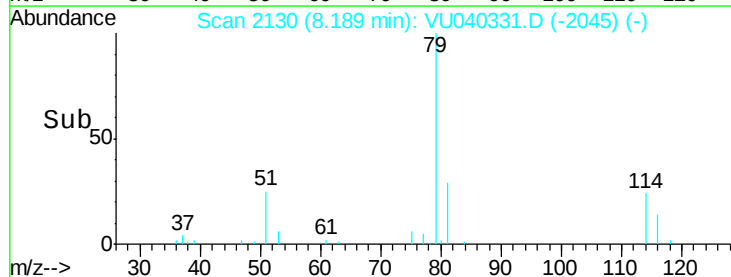
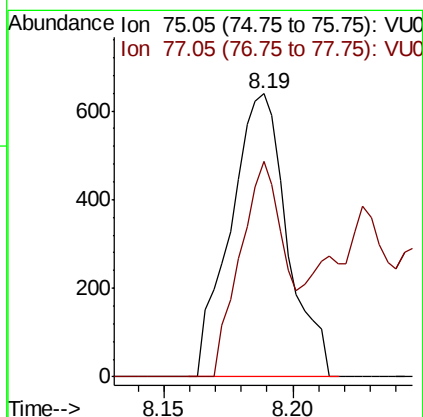
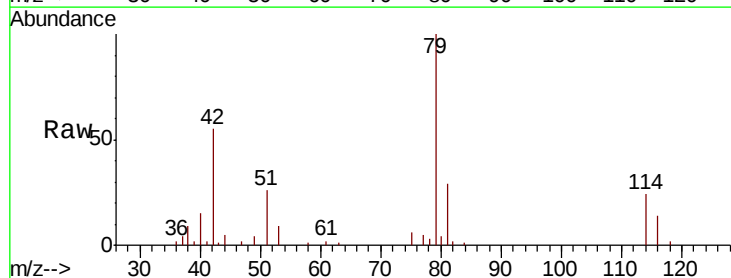
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ0

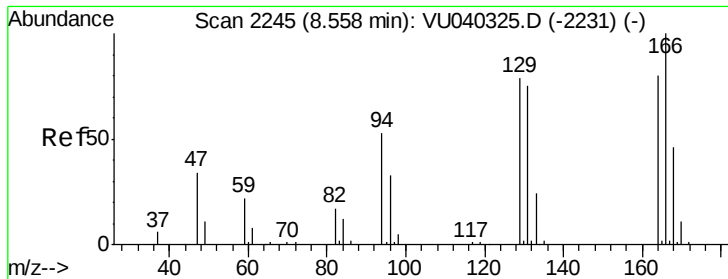
Tot Ion: 63 Resp: 5675
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.052 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040331.D
 Acq: 28 Sep 2020 14:50

Tgt Ion: 75 Resp: 980
 Ion Ratio Lower Upper
 75 100
 77 76.0 23.9 44.3#

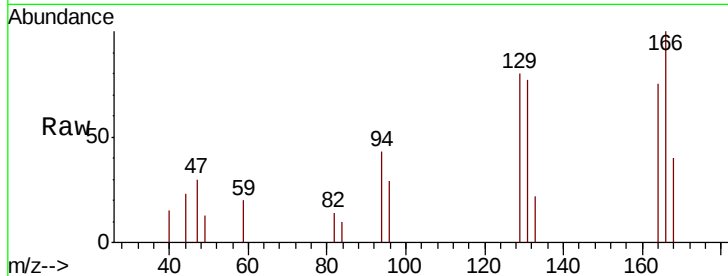




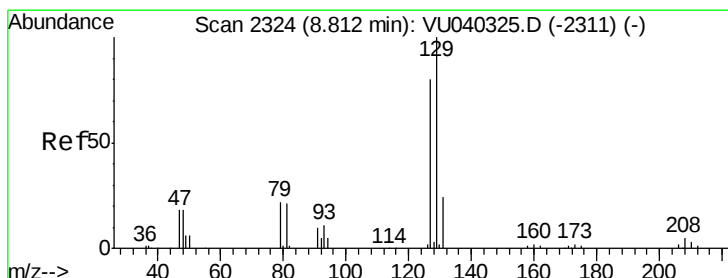
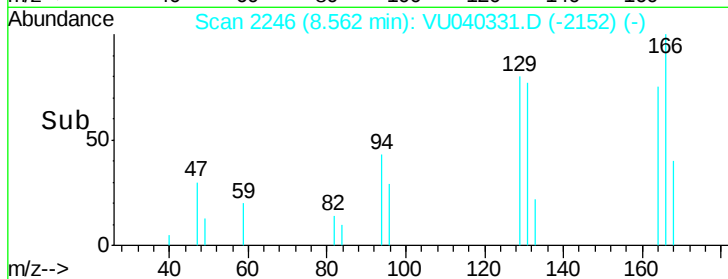
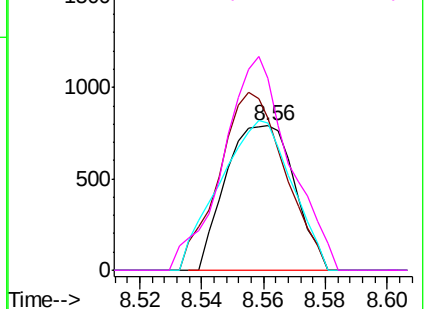
#47
Tetrachloroethene
Concen: 0.138 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU040331.D
Acq: 28 Sep 2020 14:50

Instrument :
MSVOA_U
ClientSampleId :
BFSJ0

Tot Ion:164 Resp: 1224
Ion Ratio Lower Upper
164 100
129 105.7 71.5 132.7
131 102.2 65.9 122.5
166 132.8 87.3 162.1

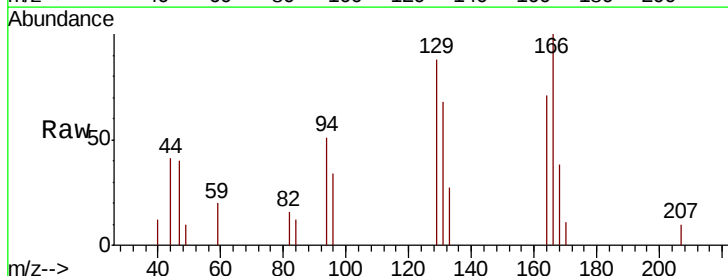


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

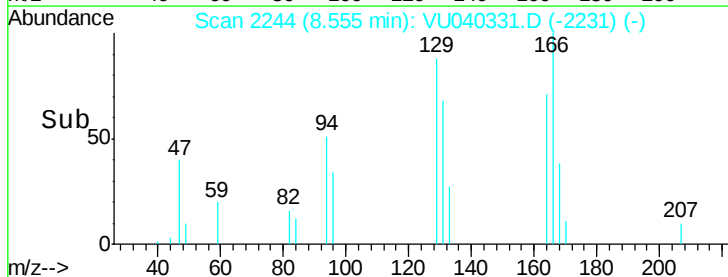
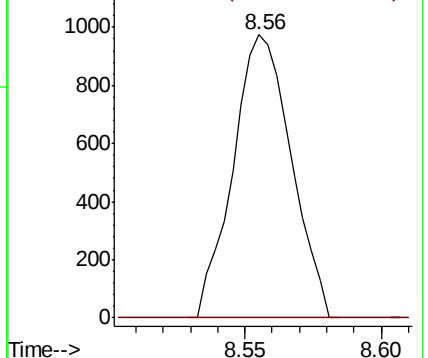


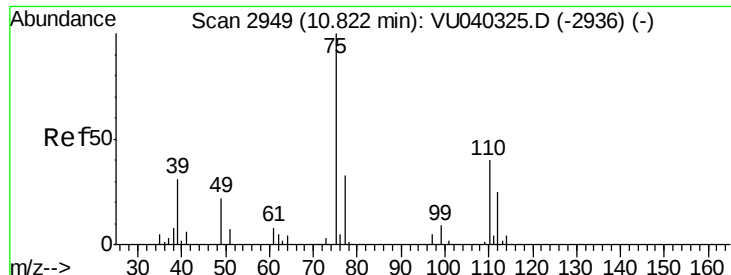
#49
Dibromochloromethane
Concen: 0.121 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040331.D
Acq: 28 Sep 2020 14:50

Tgt Ion:129 Resp: 1441
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.925 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040331.D

Acq: 28 Sep 2020 14:50

Instrument :

MSVOA_U

ClientSampleId :

BFSJ0

Tot Ion: 75 Resp: 9367

Ion Ratio Lower Upper

75 100

77 39.5 24.9 37.3#

