

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041719.D
 Acq On : 22 Dec 2020 00:31
 Operator : SY/MD
 Sample : L5161-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB228

Quant Time: Dec 22 06:03:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41226	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.92	69	38590	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	56605	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.65	46	181003	56.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	5.08	84	89816	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	53323	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.74	84	184500	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	66120	5.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.40%
41) Toluene-d8	7.91	98	151764	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.19	79	25686	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.64	63	157380	57.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56446	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	55407	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

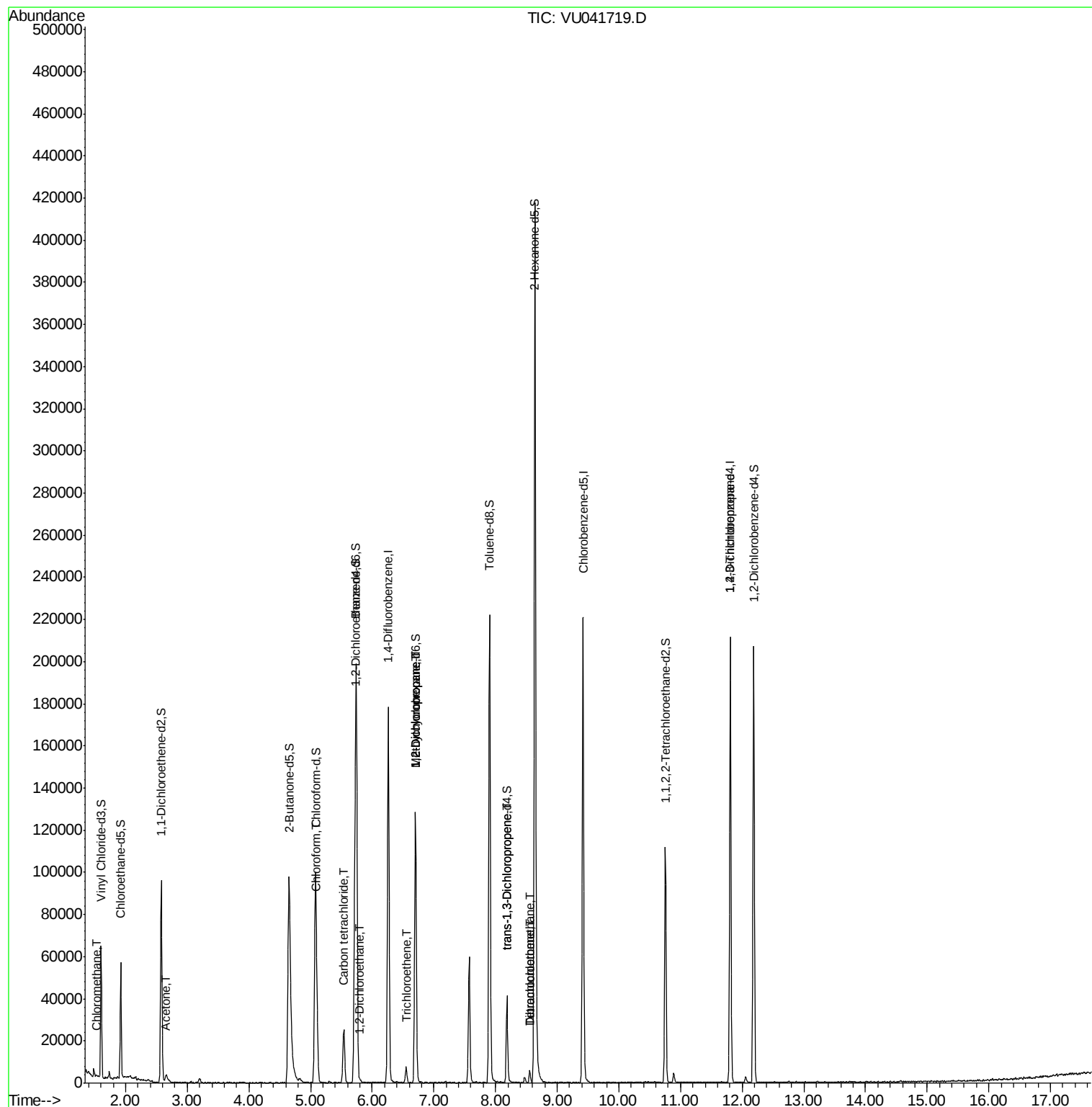
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	516	0.044	ug/L	90
13) Acetone	2.66	43	6590	3.210	ug/L	61
25) Chloroform	5.11	83	19110	1.007	ug/L	98
27) 1,2-Dichloroethane	5.80	62	619	0.048	ug/L #	73
31) Carbon tetrachloride	5.54	117	17412	1.410	ug/L	98
34) Trichloroethene	6.55	95	2392	0.239	ug/L	90
35) Methylcyclohexane	6.70	83	14350	0.888	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6959	0.684	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	913	0.068	ug/L	93
47) Tetrachloroethene	8.56	164	1294	0.185	ug/L	91
49) Dibromochloromethane	8.56	129	1287	0.149	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6546	0.857	ug/L	100

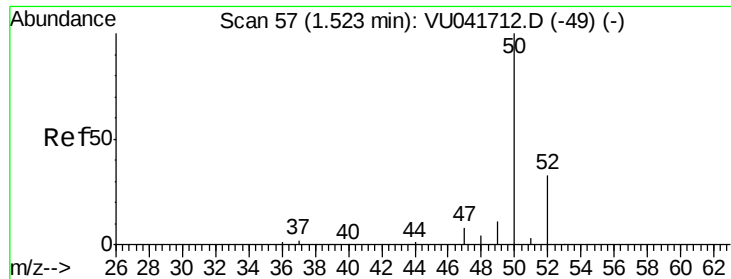
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122120\
Data File : VU041719.D
Acq On : 22 Dec 2020 00:31
Operator : SY/MD
Sample : L5161-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB228

Quant Time: Dec 22 06:03:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.044 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041719.D

Acq: 22 Dec 2020 00:31

Instrument :

MSVOA_U

ClientSampled :

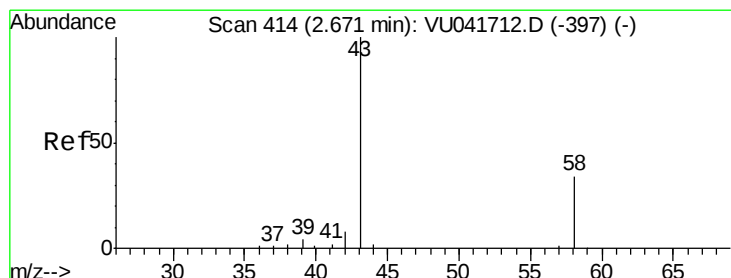
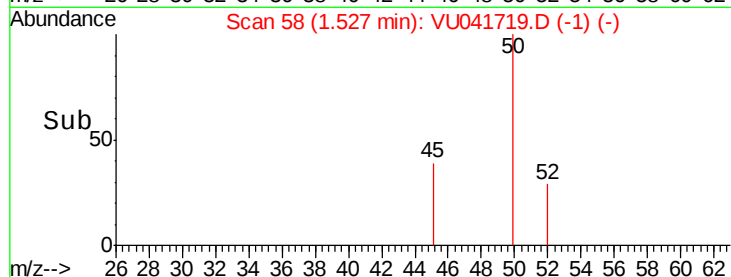
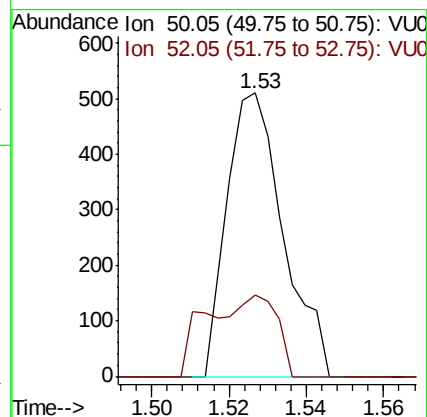
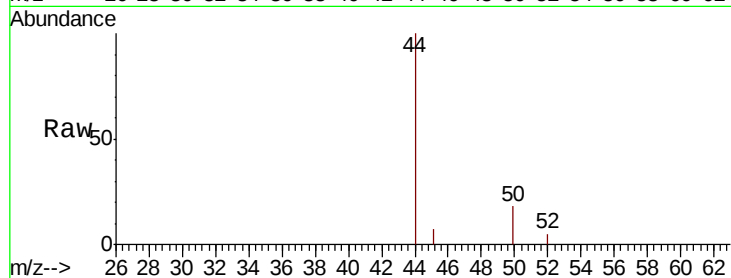
GB228

Tot Ion: 50 Resp: 516

Ion Ratio Lower Upper

50 100

52 28.8 24.1 44.8



#13

Acetone

Concen: 3.210 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU041719.D

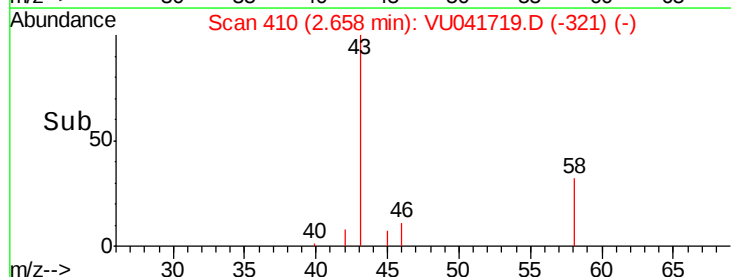
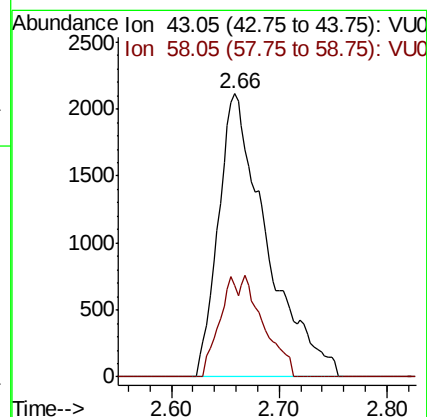
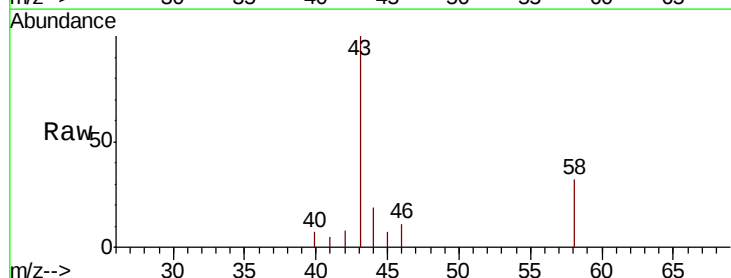
Acq: 22 Dec 2020 00:31

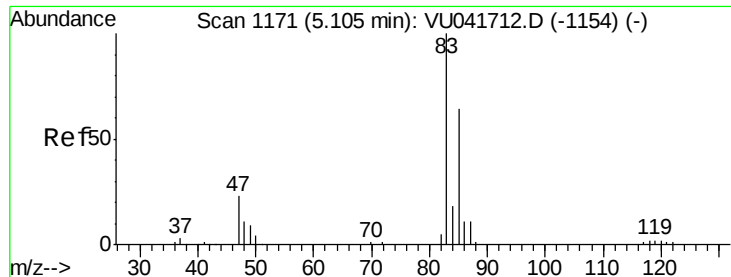
Tgt Ion: 43 Resp: 6590

Ion Ratio Lower Upper

43 100

58 13.7 0.0 73.2

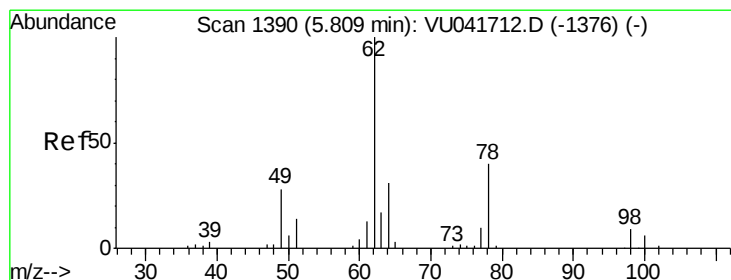
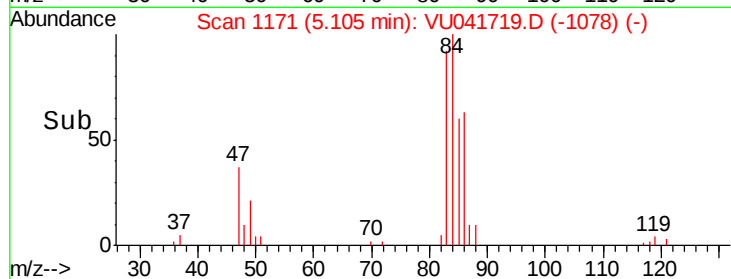
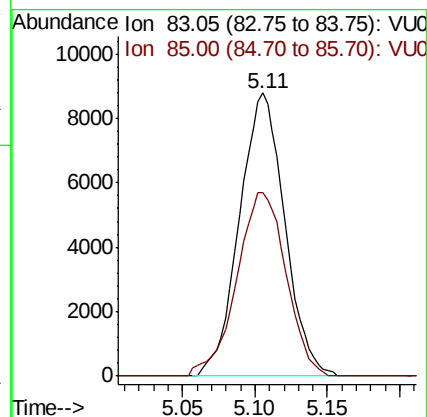
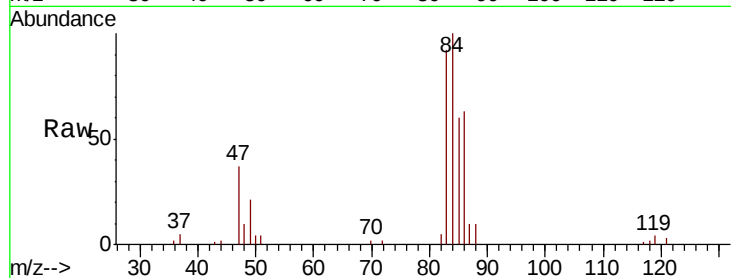




#25
Chloroform
Concen: 1.007 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041719.D
Acq: 22 Dec 2020 00:31

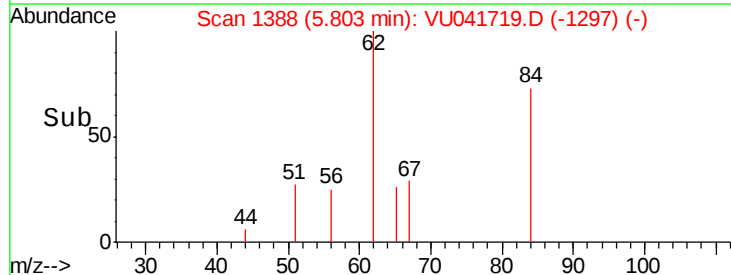
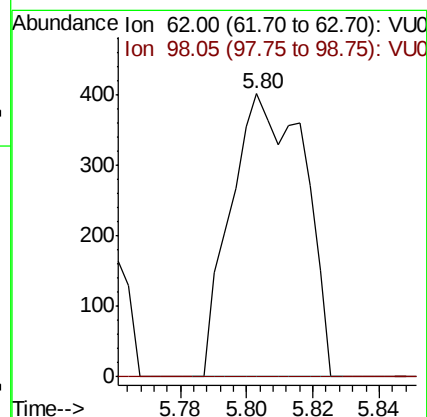
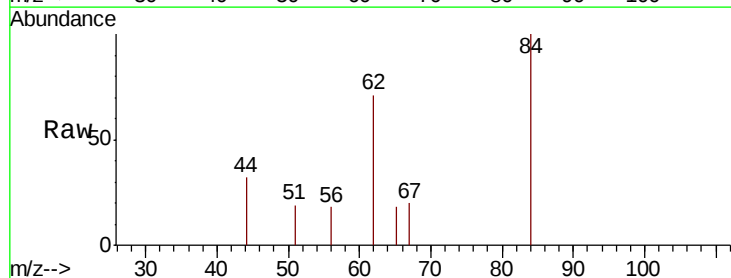
Instrument :
MSVOA_U
ClientSampleId :
GB228

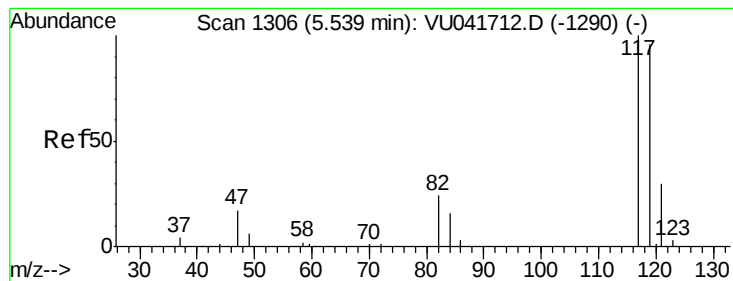
Tot Ion: 83 Resp: 19110
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.048 ug/L
RT: 5.80 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VU041719.D
Acq: 22 Dec 2020 00:31

Tgt Ion: 62 Resp: 619
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#31

Carbon tetrachloride

Concen: 1.410 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041719.D

Acq: 22 Dec 2020 00:31

Instrument :

MSVOA_U

ClientSampleId :

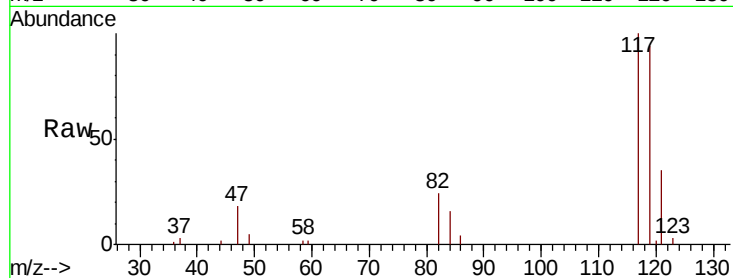
GB228

Tot Ion:117 Resp: 17412

Ion Ratio Lower Upper

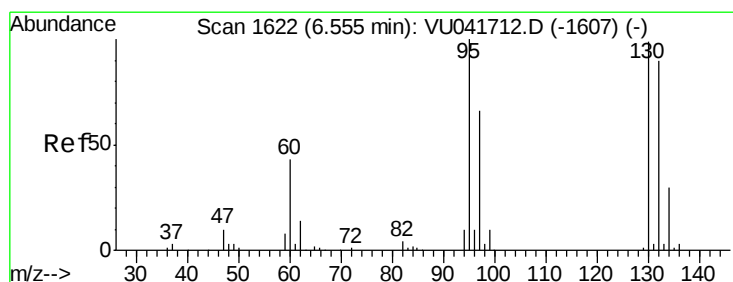
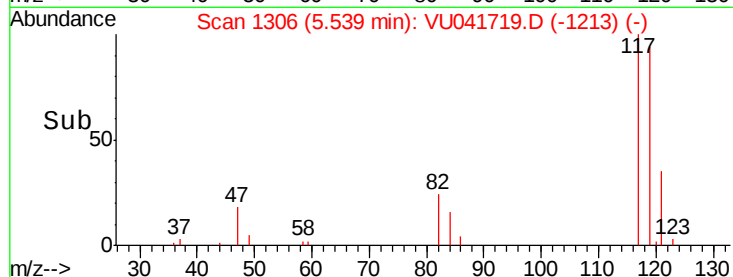
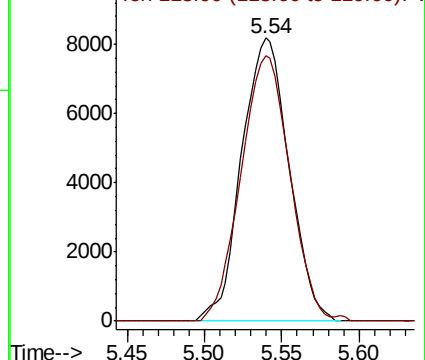
117 100

119 96.7 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.239 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041719.D

Acq: 22 Dec 2020 00:31

Tgt Ion: 95 Resp: 2392

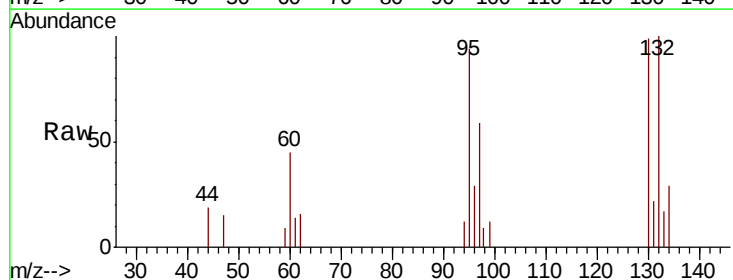
Ion Ratio Lower Upper

95 100

97 63.0 43.9 81.5

132 106.2 63.1 117.3

130 105.0 67.4 125.2

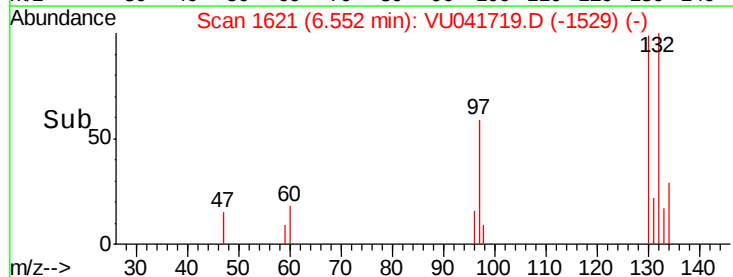
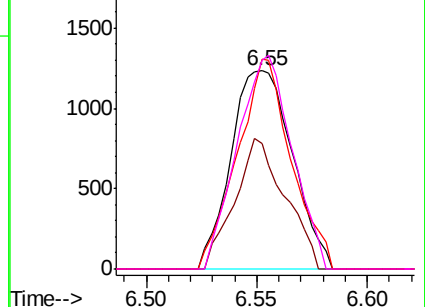


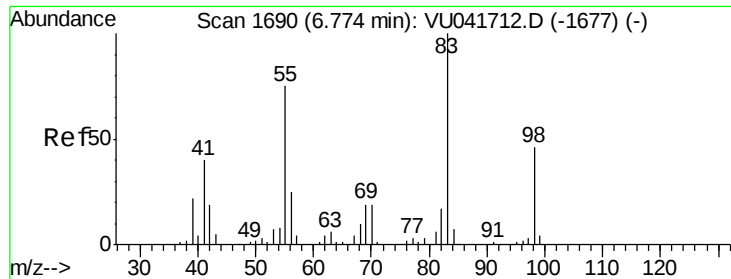
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

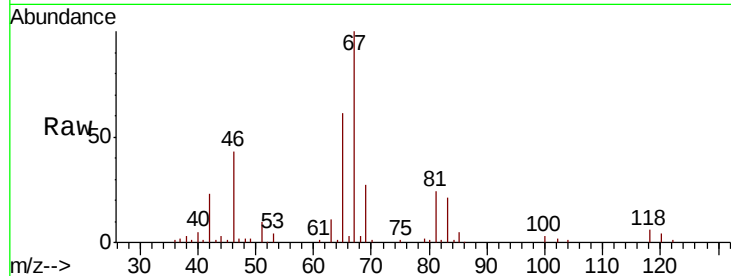




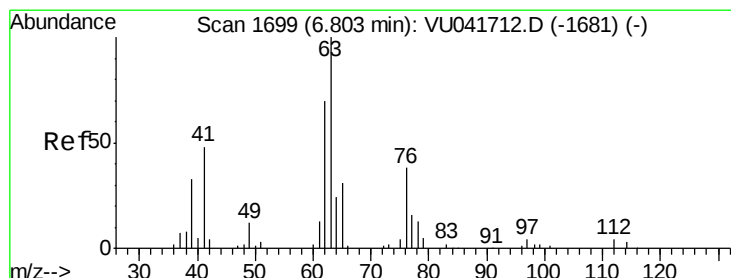
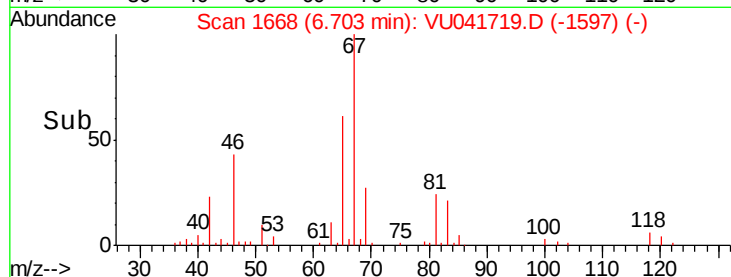
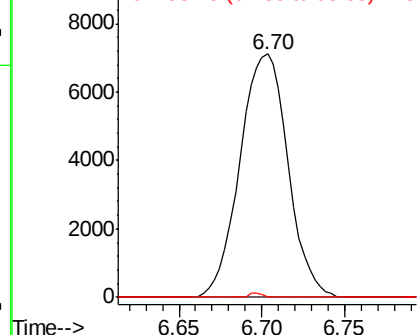
#35
Methylcyclohexane
Concen: 0.888 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041719.D
Acq: 22 Dec 2020 00:31

Instrument :
MSVOA_U
ClientSampleId :
GB228

Tot Ion: 83 Resp: 14350
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.5 36.6 54.8#

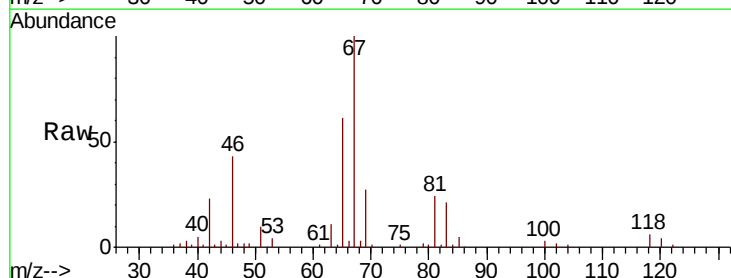


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

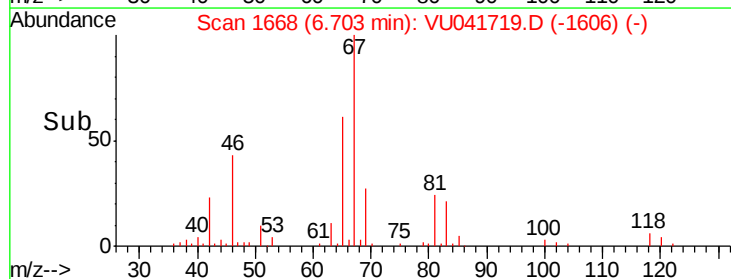
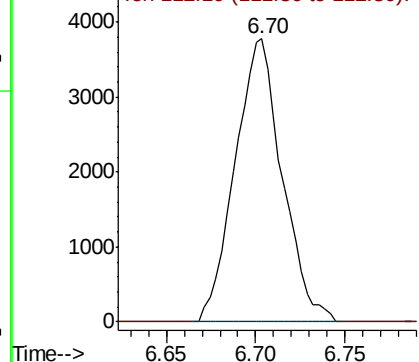


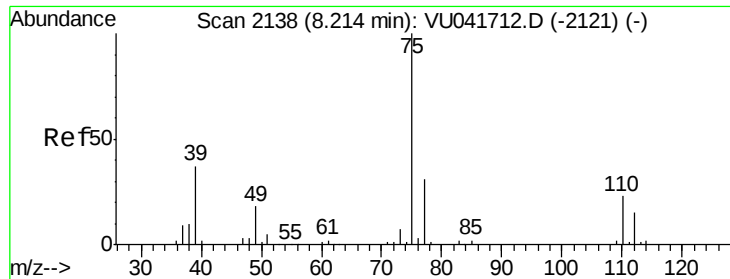
#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041719.D
Acq: 22 Dec 2020 00:31

Tgt Ion: 63 Resp: 6959
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041719.D

Acq: 22 Dec 2020 00:31

Instrument :

MSVOA_U

ClientSampleId :

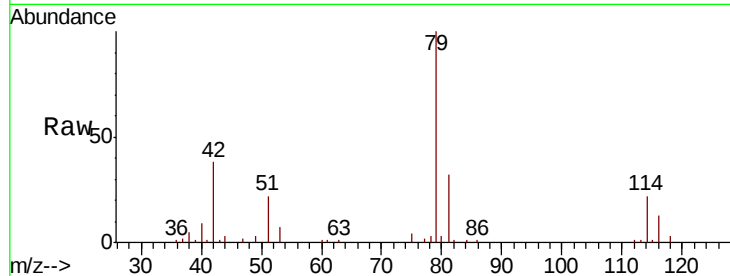
GB228

Tot Ion: 75 Resp: 913

Ion Ratio Lower Upper

75 100

77 38.0 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

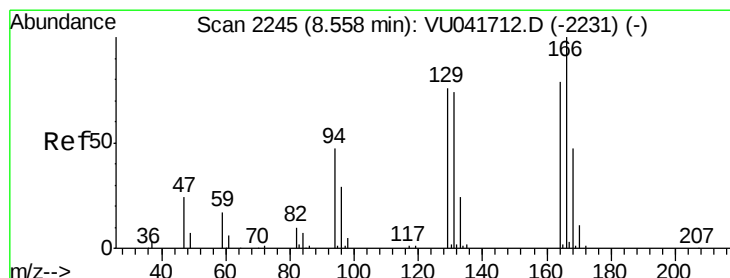
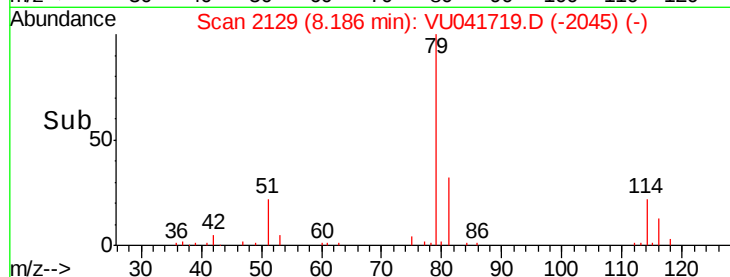
600

400

200

0

Time-->



#47

Tetrachloroethene

Concen: 0.185 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041719.D

Acq: 22 Dec 2020 00:31

Tgt Ion:164 Resp: 1294

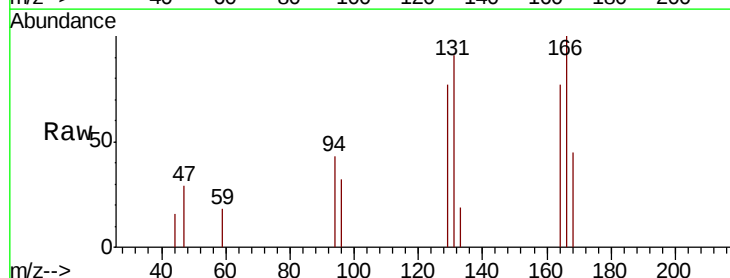
Ion Ratio Lower Upper

164 100

129 100.9 72.2 134.0

131 119.3 66.9 124.3

166 130.7 89.6 166.4



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

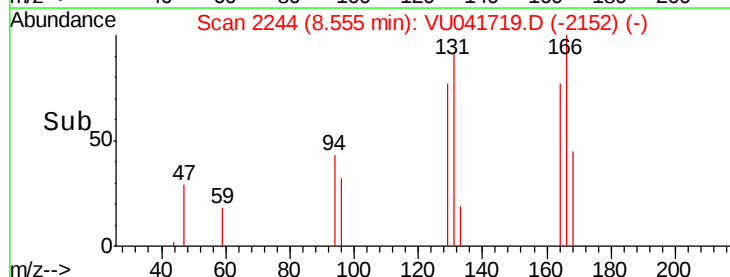
1500

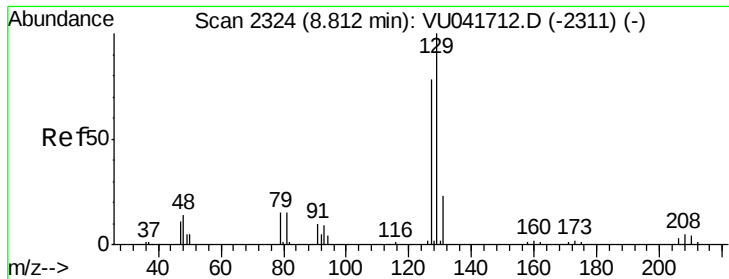
1000

500

0

Time-->





#49

Dibromochloromethane

Concen: 0.149 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041719.D

Acq: 22 Dec 2020 00:31

Instrument :

MSVOA_U

ClientSampleId :

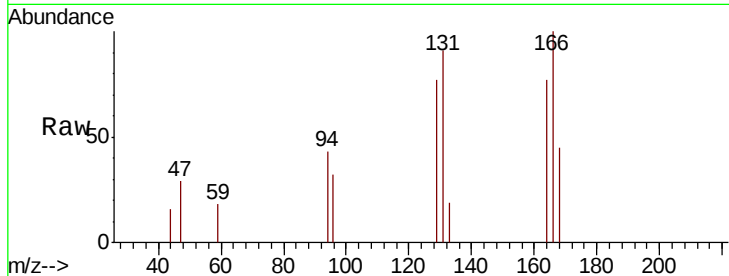
GB228

Tot Ion:129 Resp: 1287

Ion Ratio Lower Upper

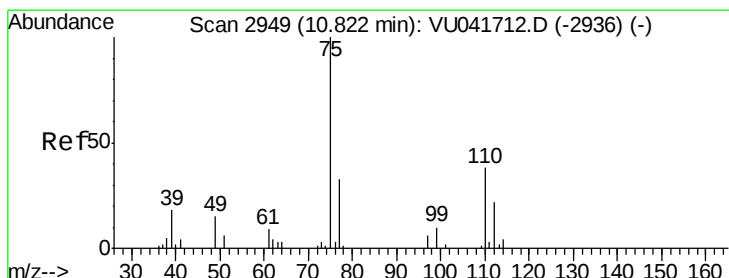
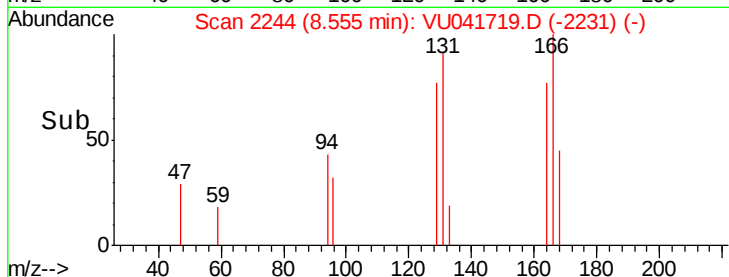
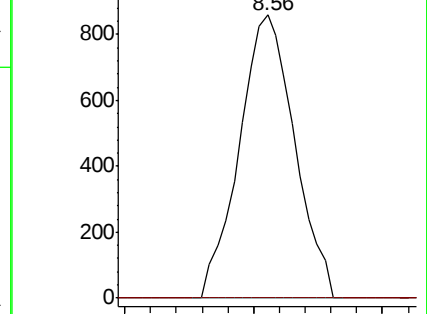
129 100

127 0.0 54.7 101.7#



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: 0.857 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041719.D

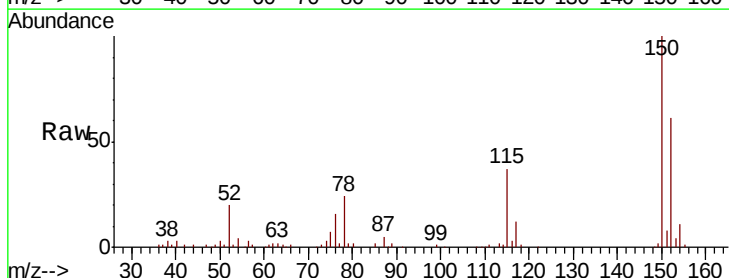
Acq: 22 Dec 2020 00:31

Tgt Ion: 75 Resp: 6546

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

