

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041708.D
 Acq On : 21 Dec 2020 18:17
 Operator : SY/MD
 Sample : L5162-11MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB255MSD

Quant Time: Dec 22 05:30:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126286	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40025	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	40572	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	78432	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.65	46	178554	62.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.92%
24) Chloroform-d	5.08	84	87611	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	51233	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.74	84	167875	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	56070	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.90	98	145128	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	24625	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.64	63	152202	55.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54066	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	54618	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

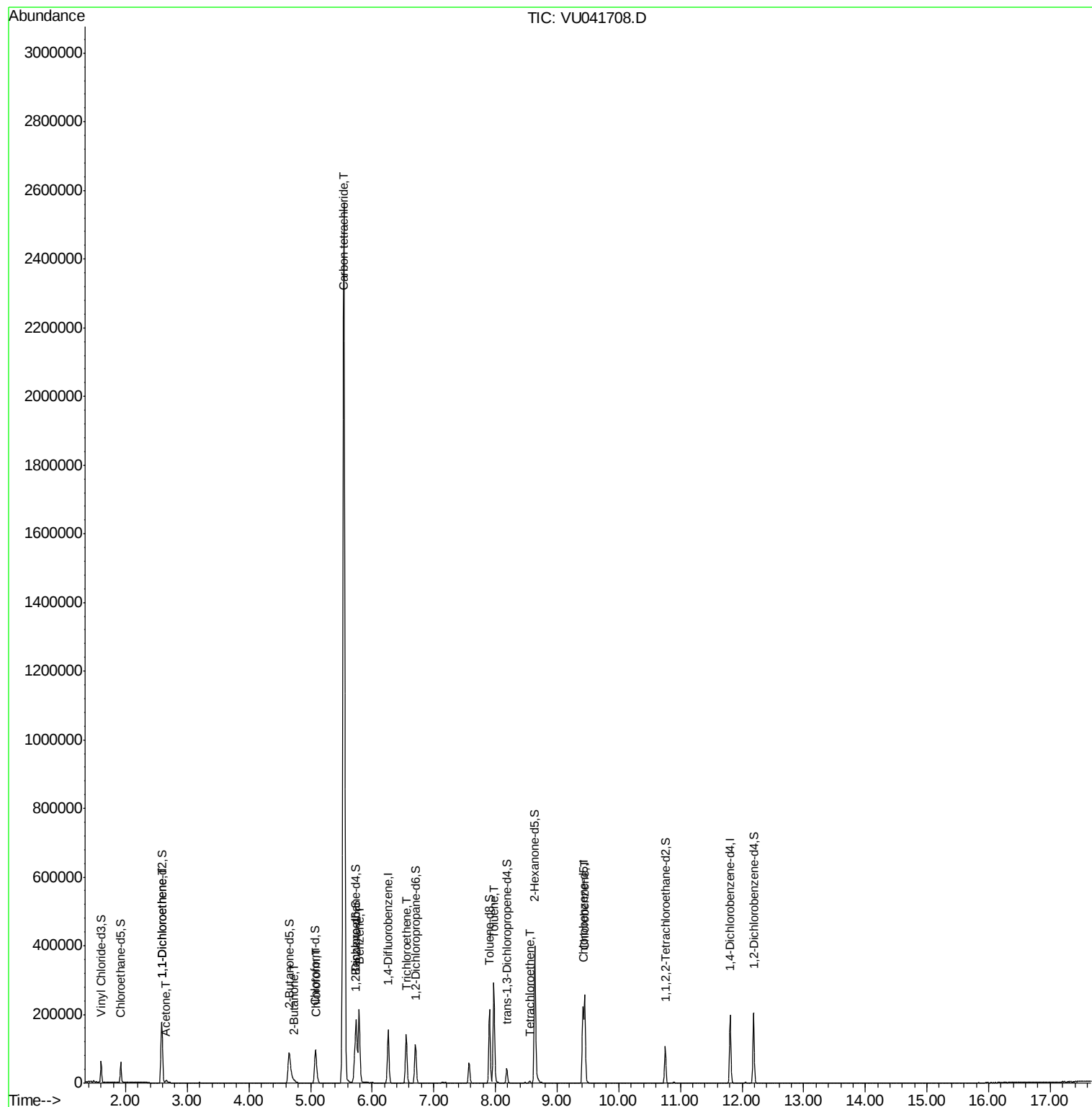
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	43158	5.038	ug/L	96
13) Acetone	2.66	43	16195	8.978	ug/L	80
21) 2-Butanone	4.74	43	3057	1.040	ug/L	91
25) Chloroform	5.11	83	13552	0.813	ug/L	93
31) Carbon tetrachloride	5.54	117	1779716	143.546	ug/L	99
33) Benzene	5.79	78	201831	5.054	ug/L	100
34) Trichloroethene	6.55	95	50174	5.000	ug/L	98
42) Toluene	7.97	91	214815	5.211	ug/L	99
47) Tetrachloroethene	8.56	164	1322	0.188	ug/L #	85
51) Chlorobenzene	9.45	112	135748	5.297	ug/L	97

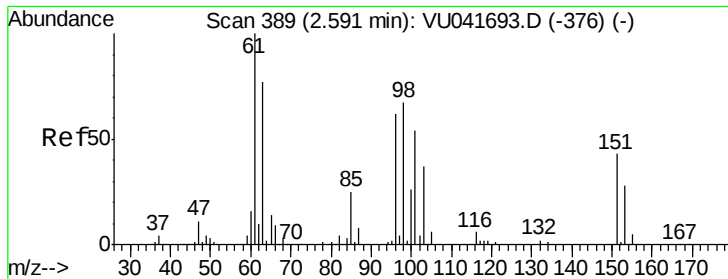
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.038 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041708.D

Acq: 21 Dec 2020 18:17

Instrument :

MSVOA_U

ClientSampleId :

GB255MSD

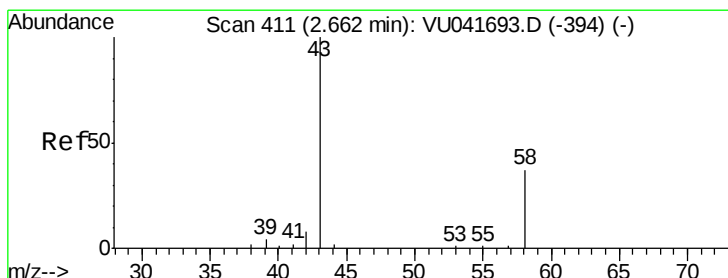
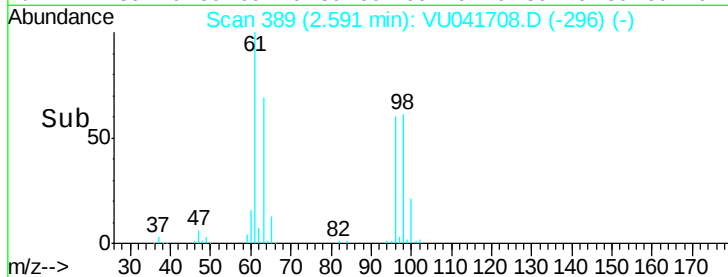
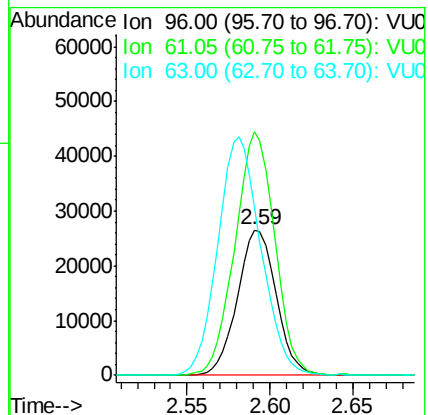
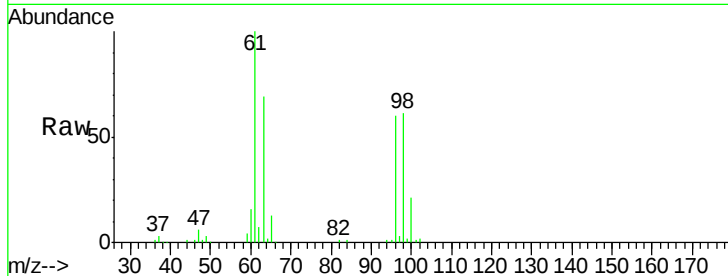
Tot Ion: 96 Resp: 43158

Ion Ratio Lower Upper

96 100

61 167.2 123.8 230.0

63 115.0 81.0 150.4



#13

Acetone

Concen: 8.978 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU041708.D

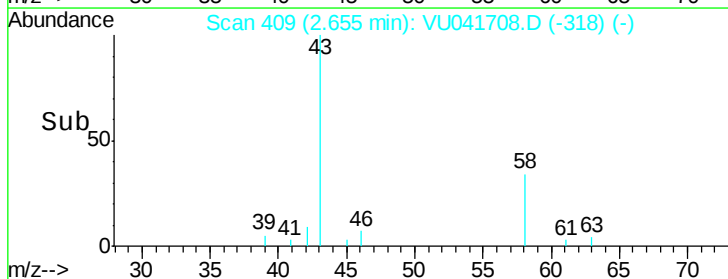
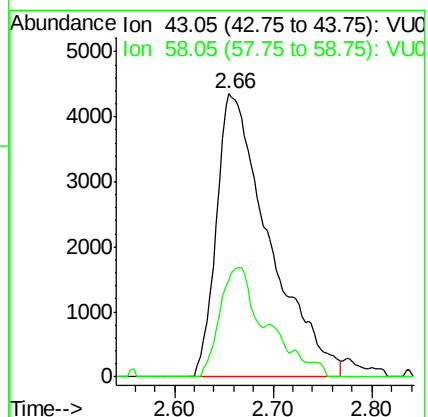
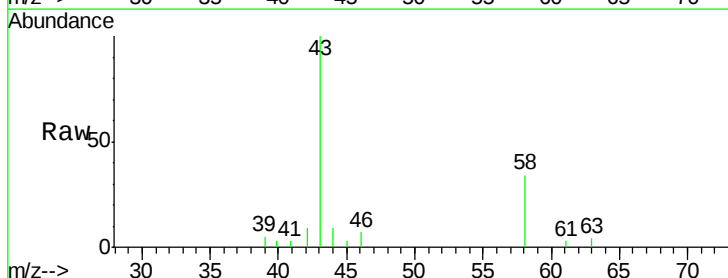
Acq: 21 Dec 2020 18:17

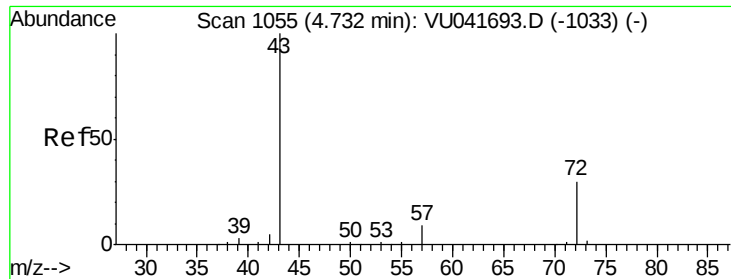
Tgt Ion: 43 Resp: 16195

Ion Ratio Lower Upper

43 100

58 25.0 0.0 73.2





#21

2-Butanone

Concen: 1.040 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VU041708.D

Acq: 21 Dec 2020 18:17

Instrument :

MSVOA_U

ClientSampleId :

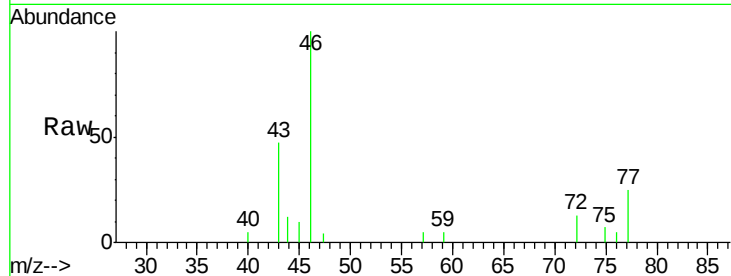
GB255MSD

Tot Ion: 43 Resp: 3057

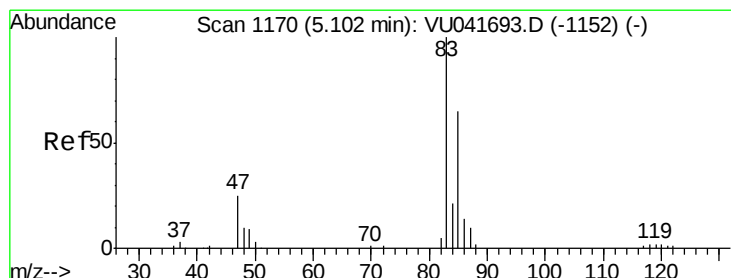
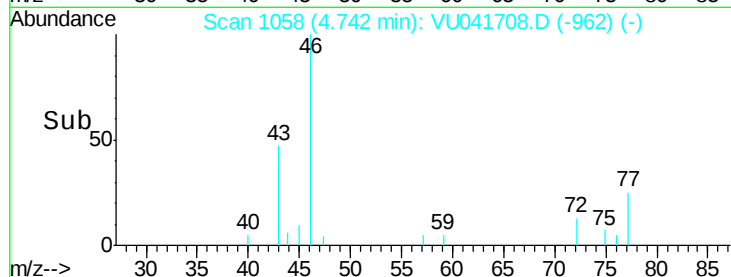
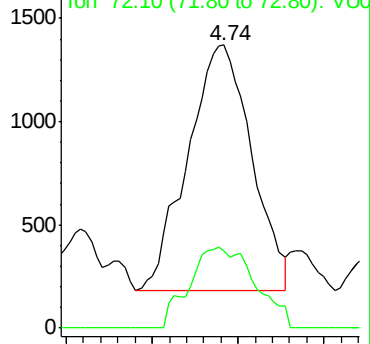
Ion Ratio Lower Upper

43 100

72 34.0 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU041708.D (-962) (-)



#25

Chloroform

Concen: 0.813 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041708.D

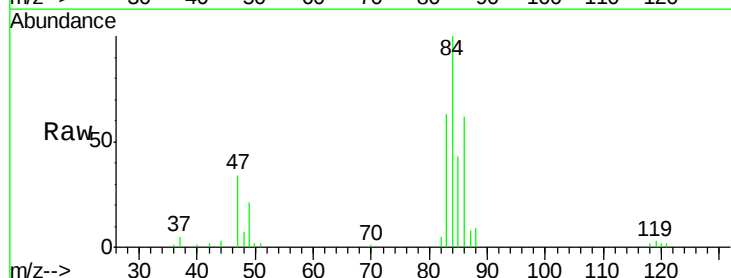
Acq: 21 Dec 2020 18:17

Tgt Ion: 83 Resp: 13552

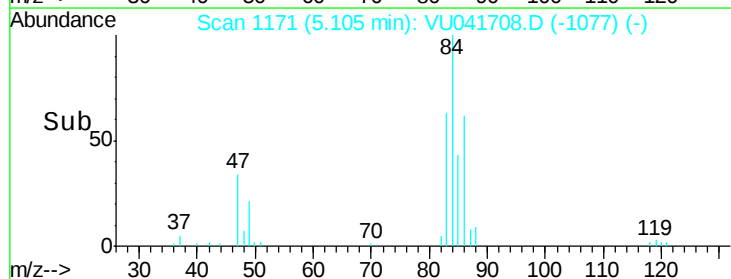
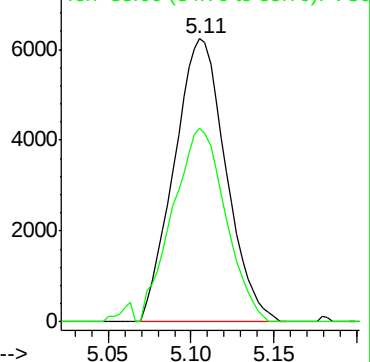
Ion Ratio Lower Upper

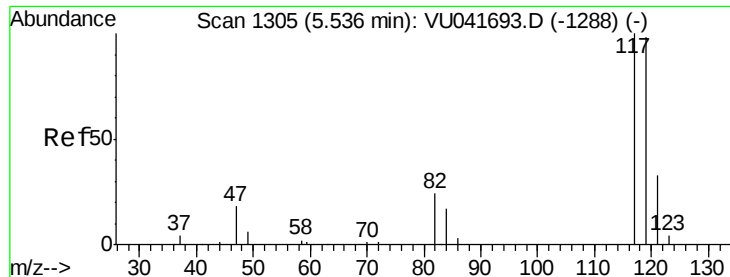
83 100

85 68.7 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041708.D (-1077) (-)

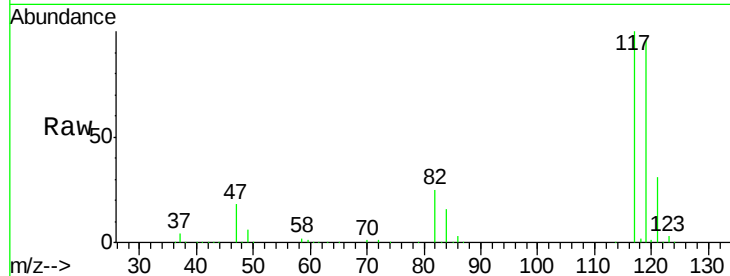




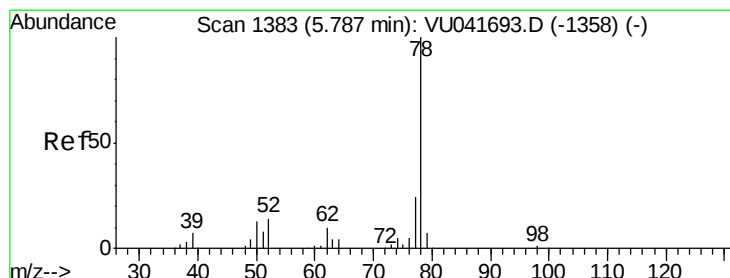
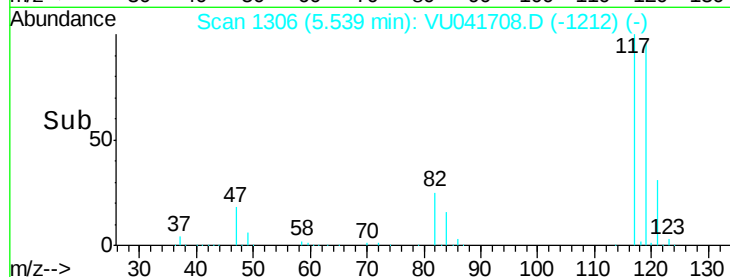
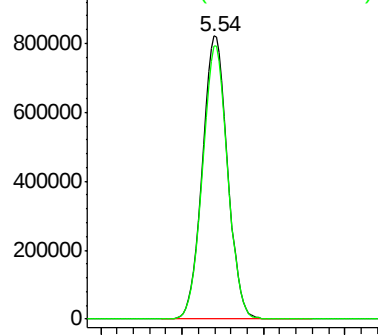
#31
Carbon tetrachloride
Concen: 143.546 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041708.D
Acq: 21 Dec 2020 18:17

Instrument :
MSVOA_U
ClientSampleId :
GB255MSD

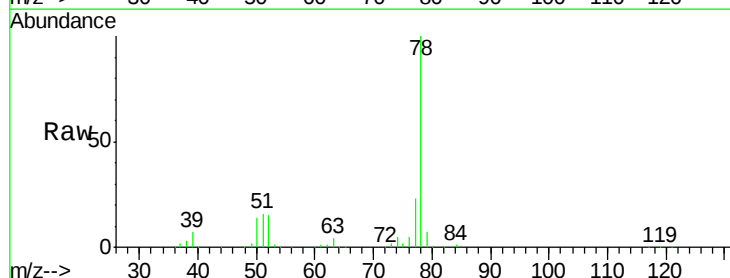
Tot Ion:117 Resp: 1779716
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2



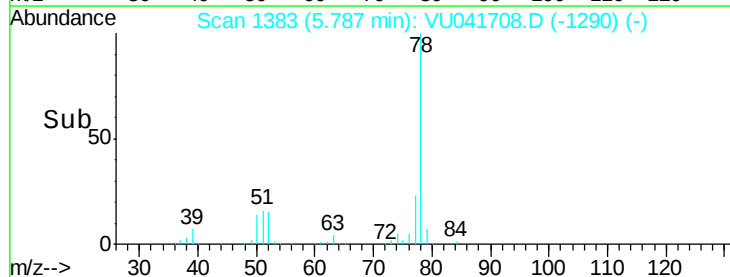
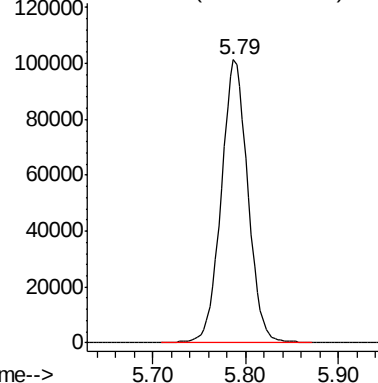
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

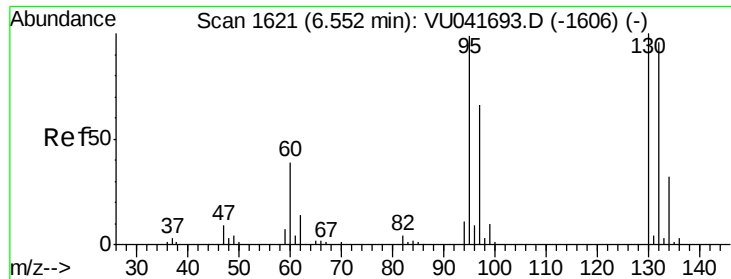


#33
Benzene
Concen: 5.054 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041708.D
Acq: 21 Dec 2020 18:17
Tgt Ion: 78 Resp: 201831



Abundance Ion 78.10 (77.80 to 78.80): VU0

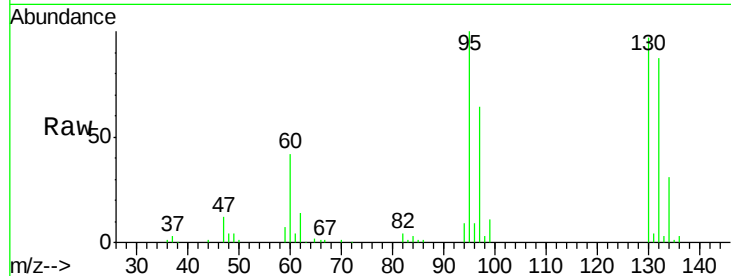




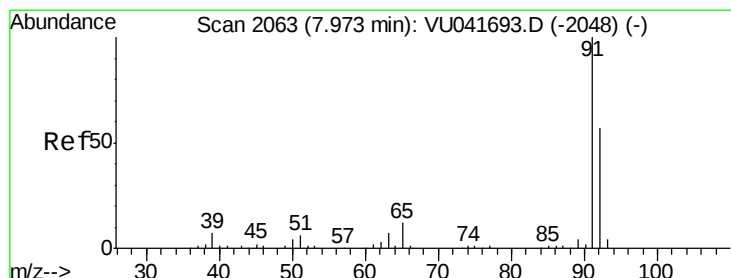
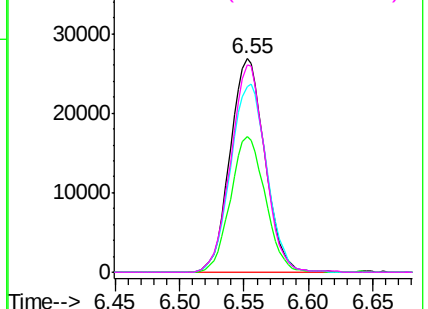
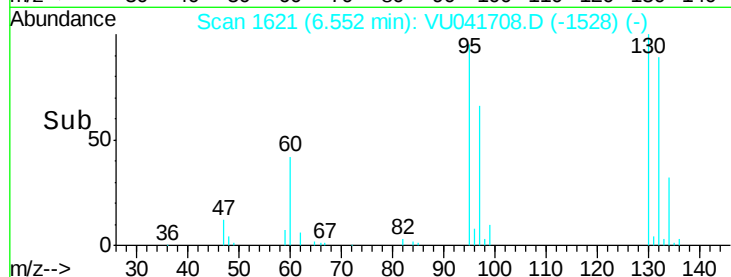
#34
 Trichloroethene
 Concen: 5.000 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041708.D
 Acq: 21 Dec 2020 18:17

Instrument :
 MSVOA_U
 ClientSampleId :
 GB255MSD

Tot Ion: 95 Resp: 50174
 Ion Ratio Lower Upper
 95 100
 97 63.8 43.9 81.5
 132 86.9 63.1 117.3
 130 97.3 67.4 125.2

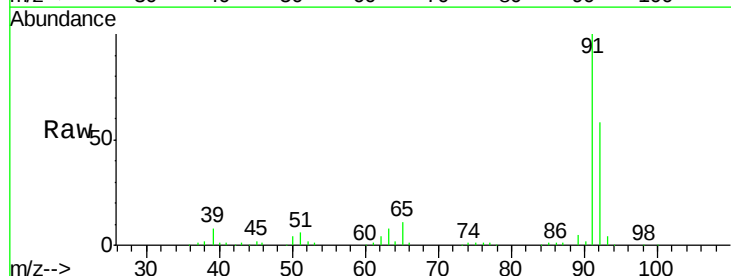


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

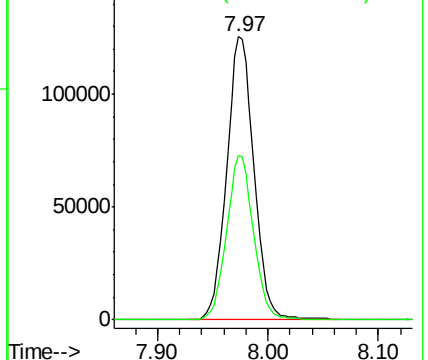
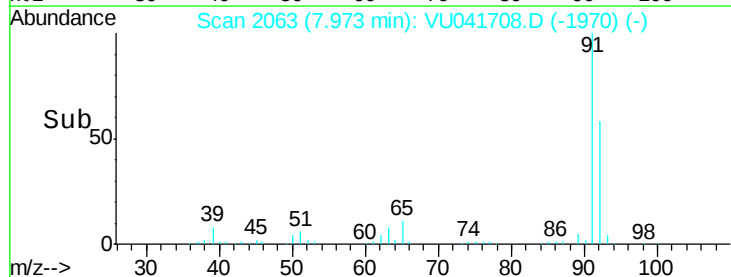


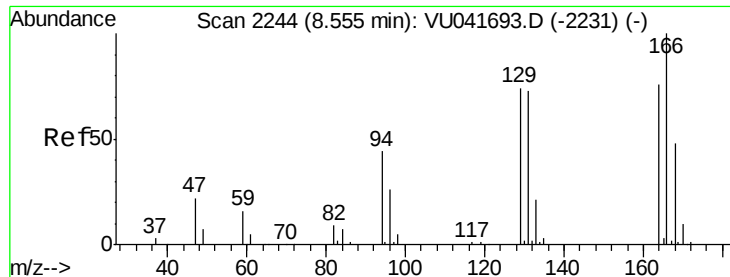
#42
 Toluene
 Concen: 5.211 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VU041708.D
 Acq: 21 Dec 2020 18:17

Tgt Ion: 91 Resp: 214815
 Ion Ratio Lower Upper
 91 100
 92 58.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

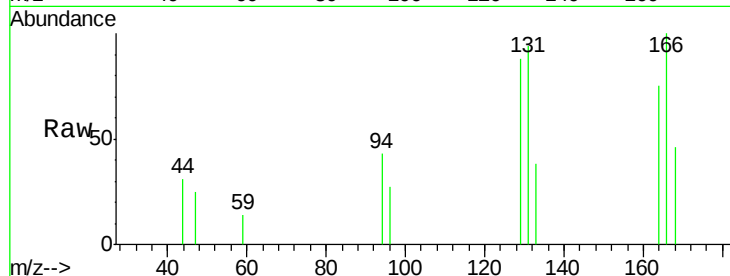




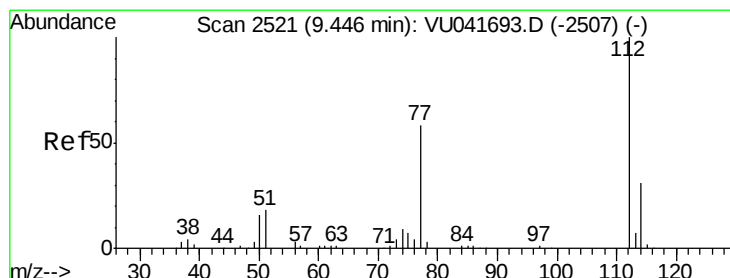
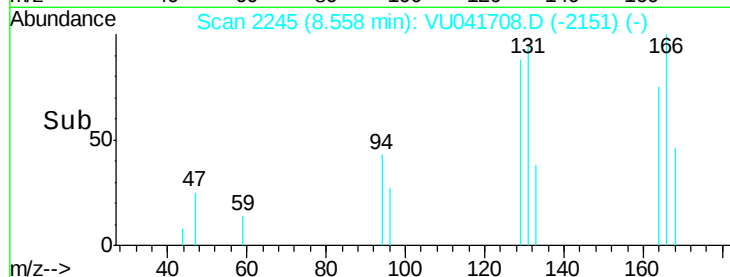
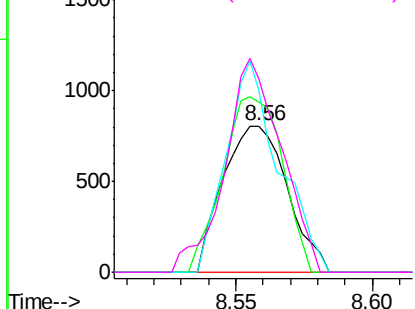
#47
Tetrachloroethene
Concen: 0.188 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041708.D
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Instrument :
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Tot Ion:164 Resp: 1322
Ion Ratio Lower Upper
164 100
129 117.0 72.2 134.0
131 124.9 66.9 124.3#
166 132.6 89.6 166.4

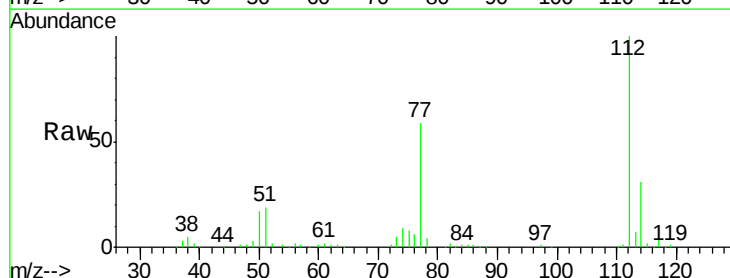


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 5.297 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041708.D
Acq: 21 Dec 2020 18:17

Tgt Ion:112 Resp: 135748
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.3
77 58.6 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

