

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110420\
 Data File : VU041099.D
 Acq On : 04 Nov 2020 13:27
 Operator : SY/MD
 Sample : L4575-04DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 00:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 05 00:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	47321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	48351	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16168	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.92	69	13650	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	23475	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	79209	60.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.00%
24) Chloroform-d	5.08	84	34440	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	22691	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	61872	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	21745	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.91	98	47319	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.19	79	8373	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	55375	56.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21122	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	19389	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	2.15	101	18098	2.996 ug/L	97
16) Methylene chloride	3.06	84	873	0.224 ug/L	83
25) Chloroform	5.11	83	724	0.106 ug/L	85
27) 1,2-Dichloroethane	5.75	62	270	0.053 ug/L #	74
31) Carbon tetrachloride	5.55	117	322	0.061 ug/L	84
34) Trichloroethene	6.56	95	301	0.082 ug/L	95
35) Methylcyclohexane	6.70	83	4935	0.900 ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2533	0.648 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	570	0.106 ug/L #	56
44) trans-1,3-Dichloropropene	8.18	75	355	0.070 ug/L	91
45) 1,1,2-Trichloroethane	8.56	97	212	0.073 ug/L #	1
47) Tetrachloroethene	8.56	164	31138	11.518 ug/L	98
48) 2-Hexanone	8.64	43	8202	3.495 ug/L #	70
49) Dibromochloromethane	8.56	129	31557	9.338 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3014	1.034 ug/L	97

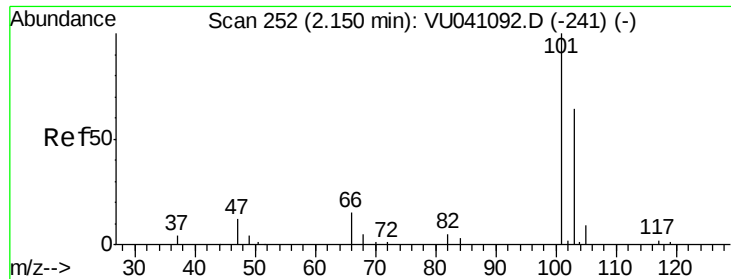
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110420\
Data File : VU041099.D
Acq On : 04 Nov 2020 13:27
Operator : SY/MD
Sample : L4575-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 05 00:51:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

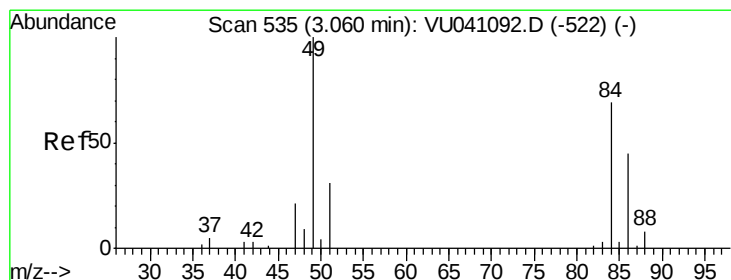
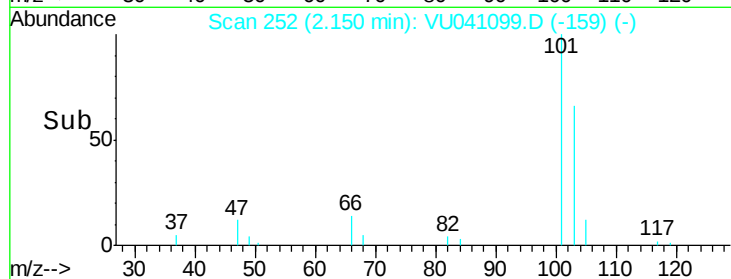
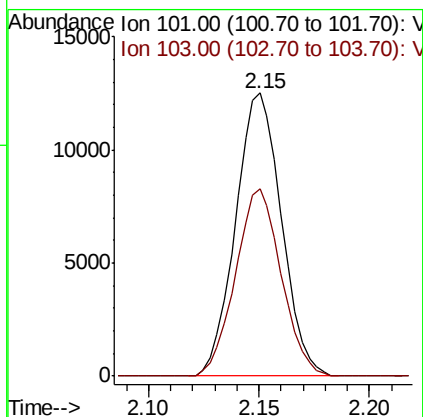
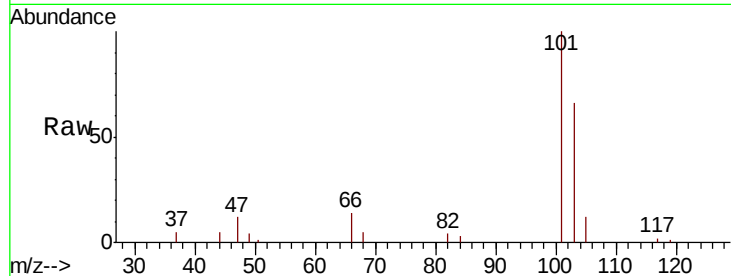
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#9
 Trichlorofluoromethane
 Concen: 2.996 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU041099.D
 Acq: 04 Nov 2020 13:27

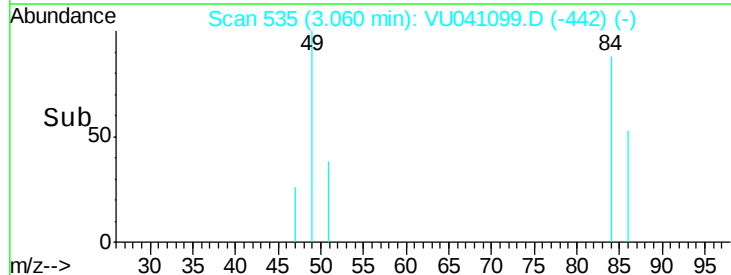
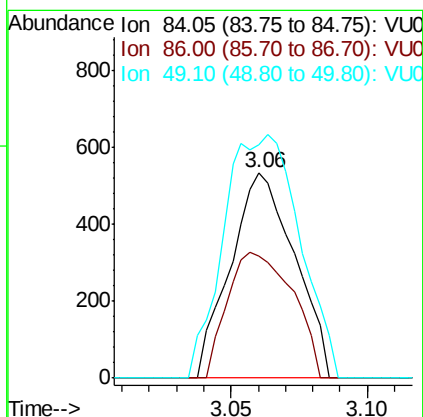
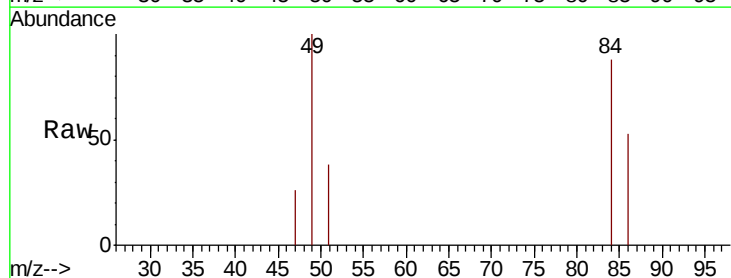
Instrument :
 MSVOA_U
 ClientSampleId :

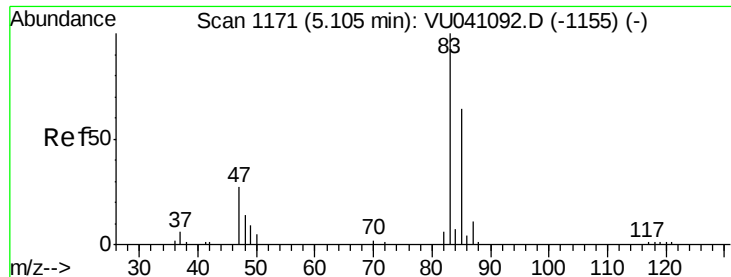
Tot Ion:101 Resp: 18098
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.4



#16
 Methylene chloride
 Concen: 0.224 ug/L
 RT: 3.06 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VU041099.D
 Acq: 04 Nov 2020 13:27

Tgt Ion: 84 Resp: 873
 Ion Ratio Lower Upper
 84 100
 86 59.5 42.8 79.6
 49 113.2 99.5 184.7

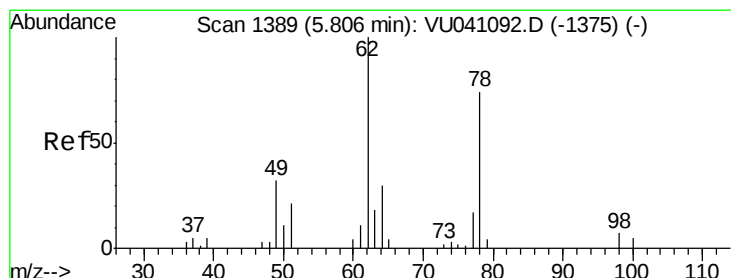
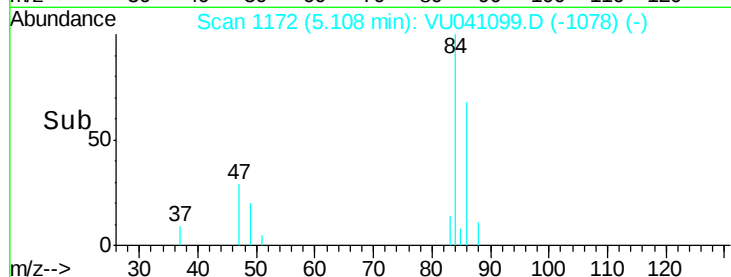
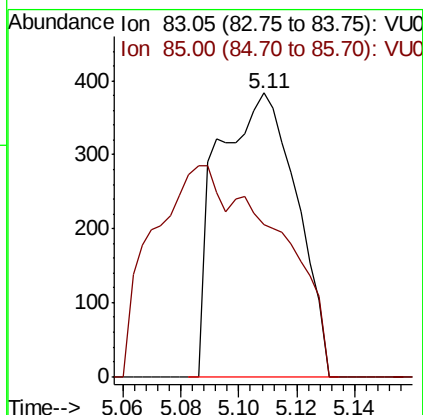
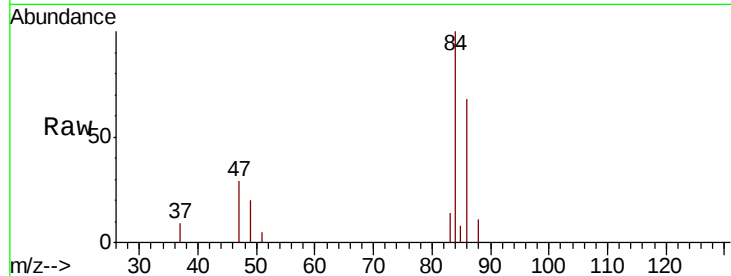




#25
Chloroform
Concen: 0.106 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

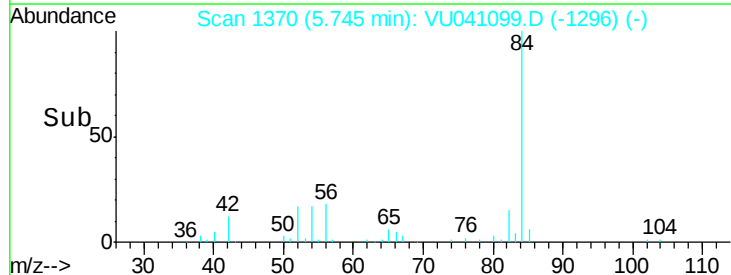
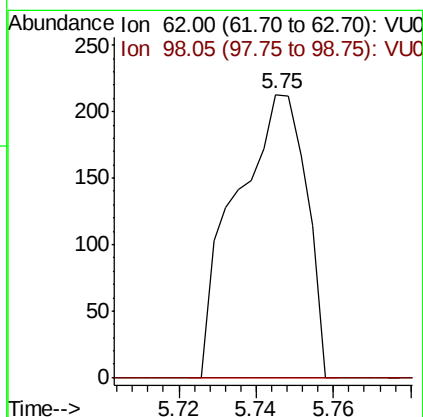
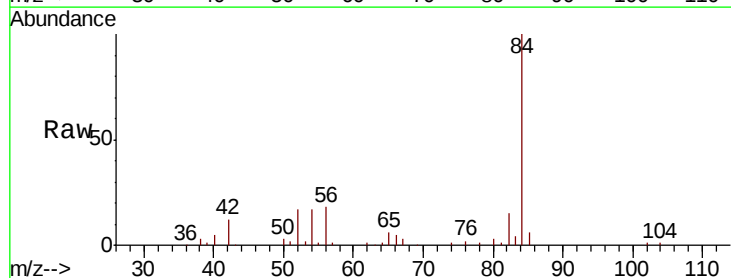
Instrument :
MSVOA_U
ClientSampleId :

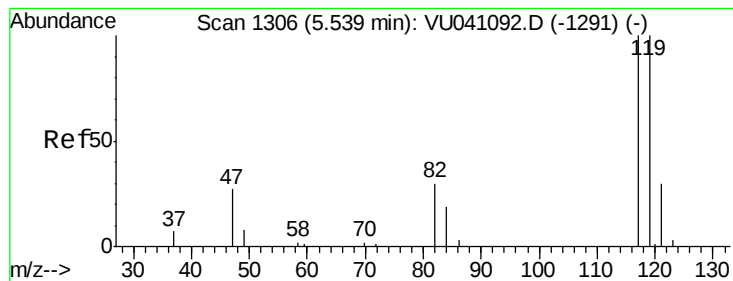
Tot Ion: 83 Resp: 724
Ion Ratio Lower Upper
83 100
85 53.8 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.053 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

Tgt Ion: 62 Resp: 270
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#31

Carbon tetrachloride

Concen: 0.061 ug/L

RT: 5.55 min Scan# 1308

Delta R.T. 0.01 min

Lab File: VU041099.D

Acq: 04 Nov 2020 13:27

Instrument :

MSVOA_U

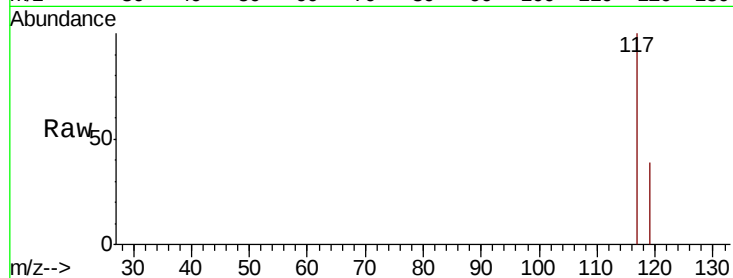
ClientSampleId :

Tot Ion:117 Resp: 322

Ion Ratio Lower Upper

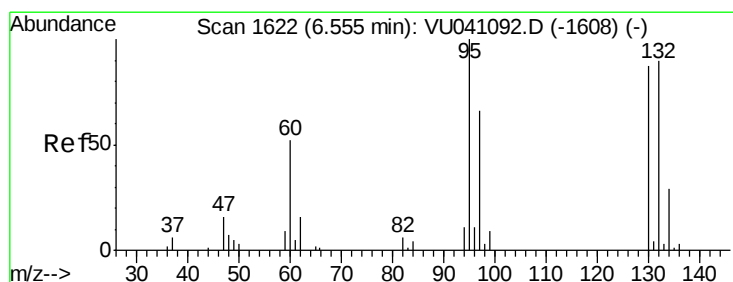
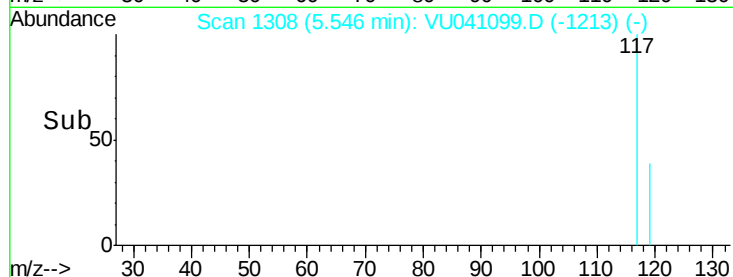
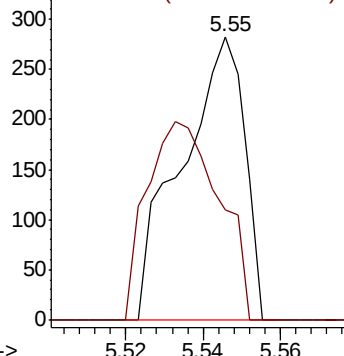
117 100

119 79.5 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.082 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041099.D

Acq: 04 Nov 2020 13:27

Tgt Ion: 95 Resp: 301

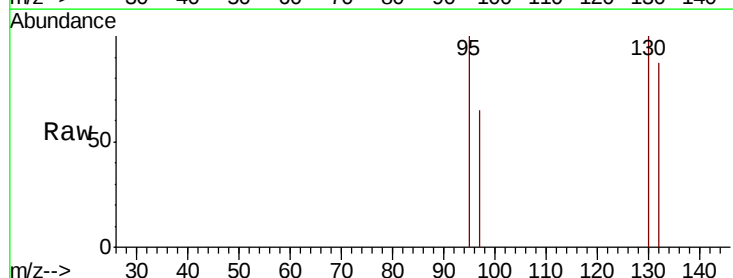
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.6

132 86.6 64.8 120.4

130 100.0 64.8 120.4

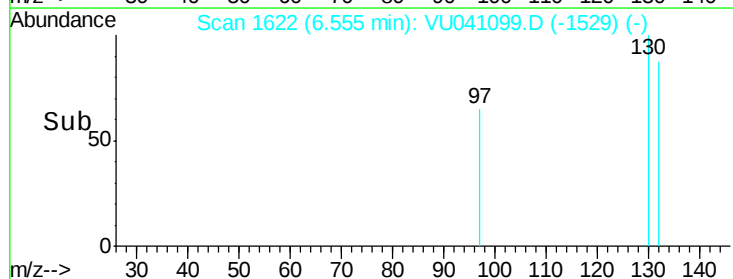
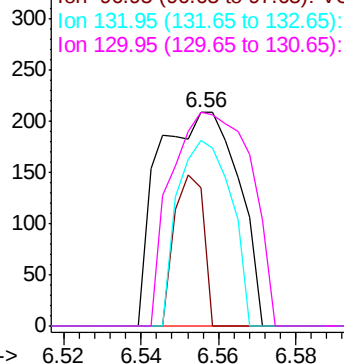


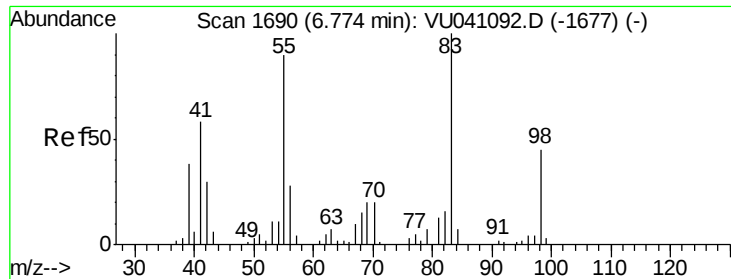
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

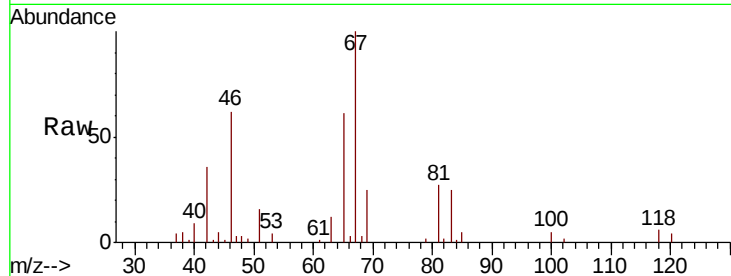




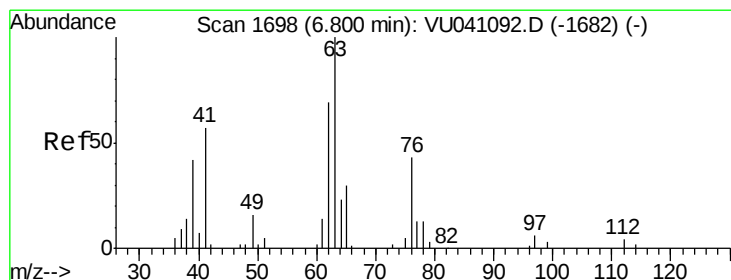
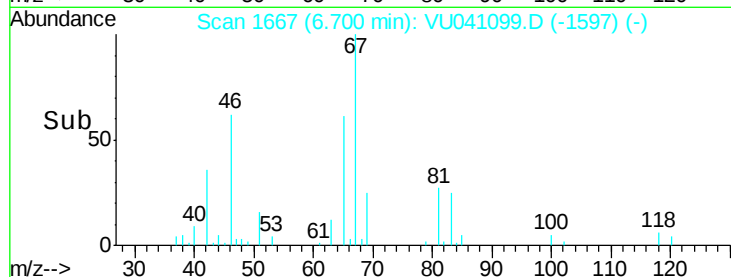
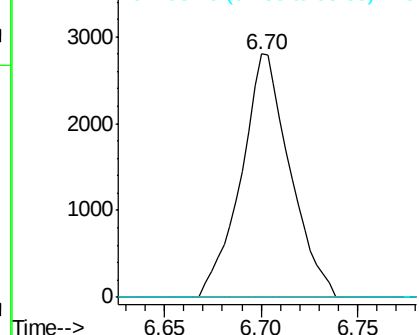
#35
Methvlcvclohexane
Concen: 0.900 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 4935
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.4 36.6 55.0#

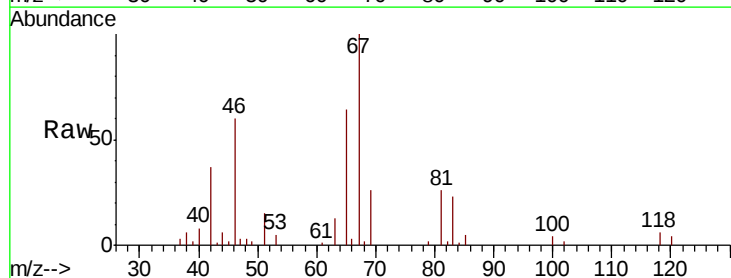


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

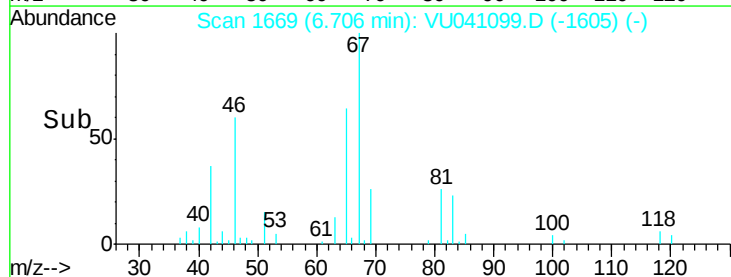
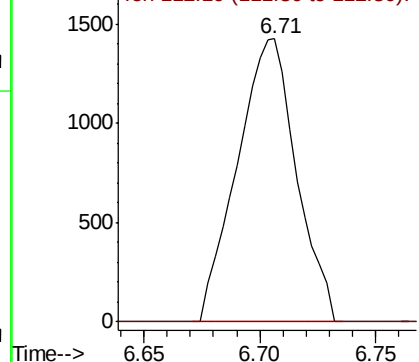


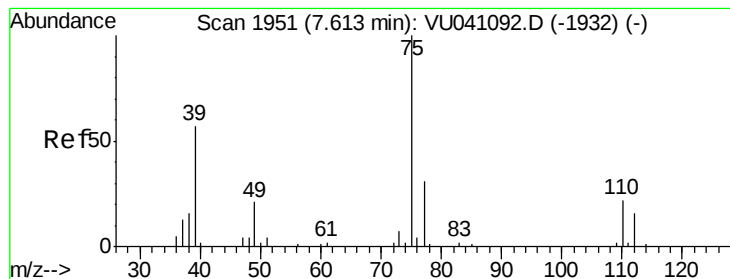
#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

Tgt Ion: 63 Resp: 2533
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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



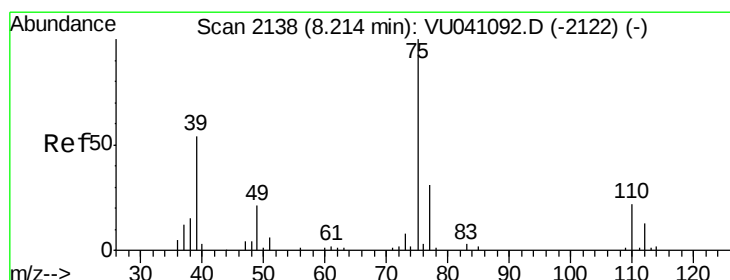
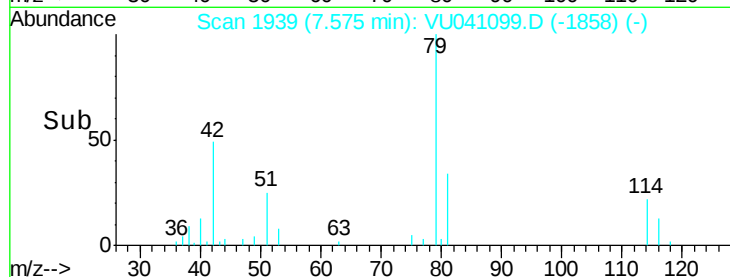
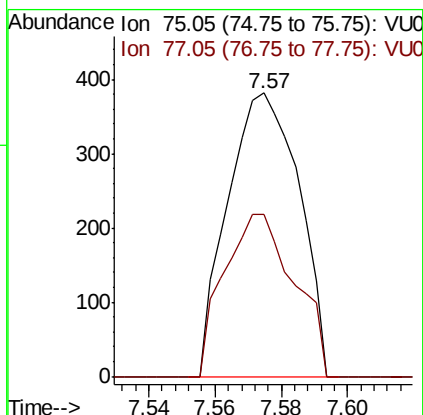
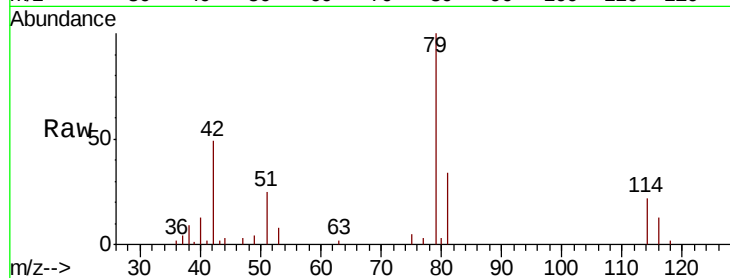


#39

cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

Instrument :
MSVOA_U
ClientSampleId :

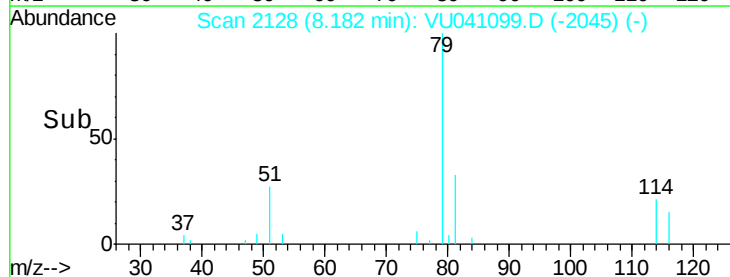
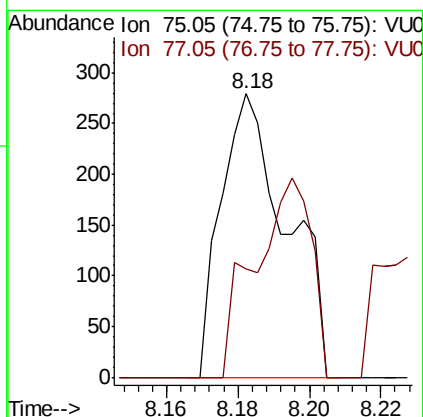
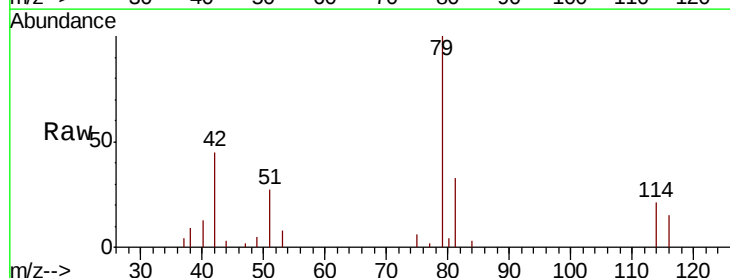
Tot Ion: 75 Resp: 570
Ion Ratio Lower Upper
75 100
77 57.3 22.7 42.3#

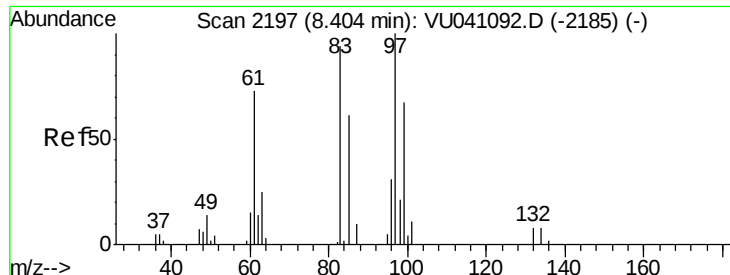


#44

trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

Tgt Ion: 75 Resp: 355
Ion Ratio Lower Upper
75 100
77 38.4 23.3 43.3





#45

1,1,2-Trichloroethane

Concen: 0.073 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.15 min

Lab File: VU041099.D

Acq: 04 Nov 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 97 Resp: 212

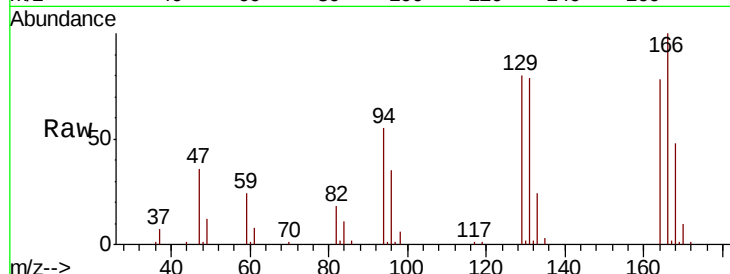
Ion Ratio Lower Upper

97 100

99 0.0 45.8 85.2#

83 262.0 67.9 126.1#

85 0.0 42.8 79.6#

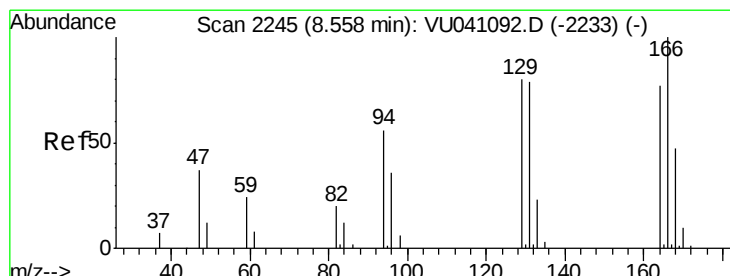
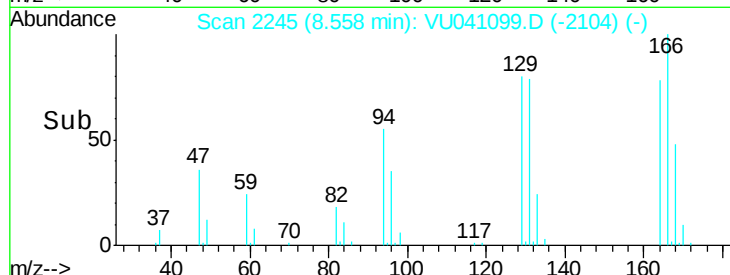
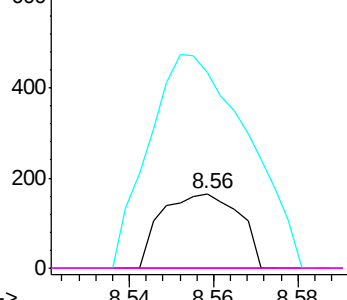


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 11.518 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041099.D

Acq: 04 Nov 2020 13:27

Tgt Ion:164 Resp: 31138

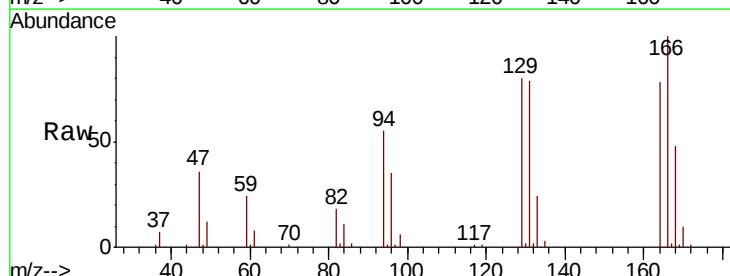
Ion Ratio Lower Upper

164 100

129 102.2 70.3 130.7

131 100.2 70.8 131.4

166 127.4 92.0 170.8

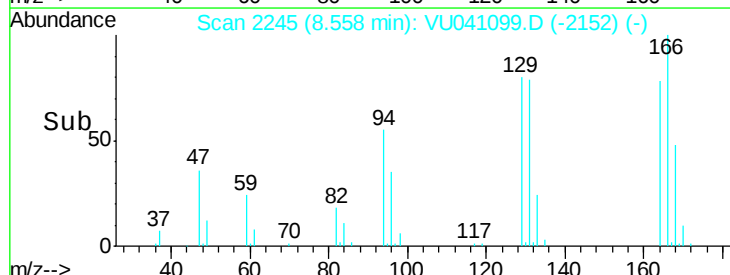
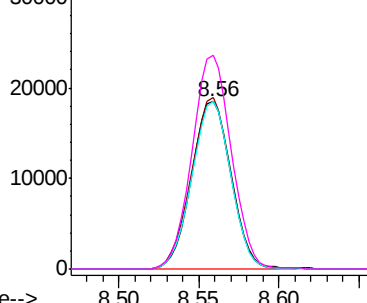


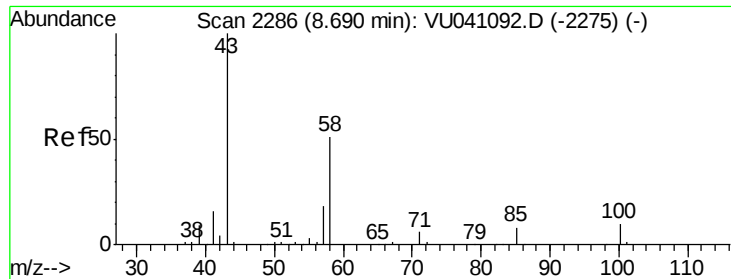
Abundance Ion 163.90 (163.60 to 164.60): V

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

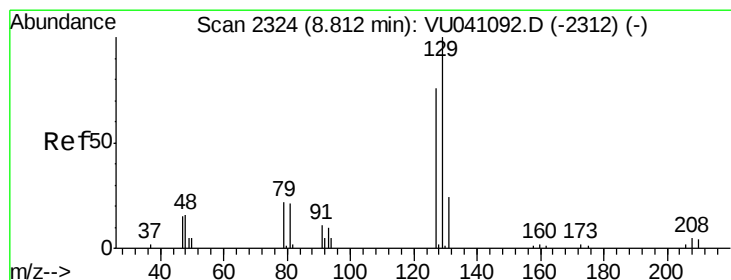
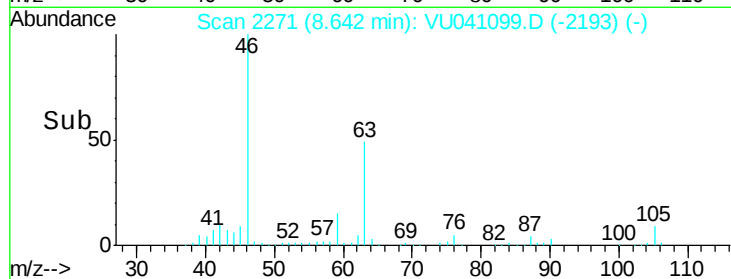
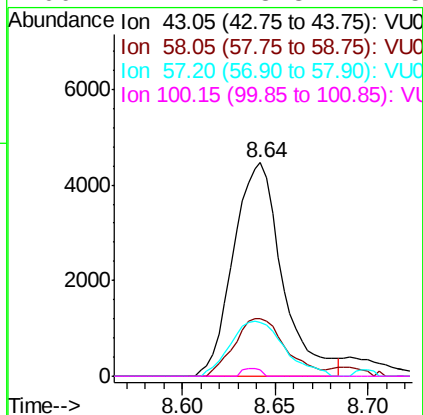
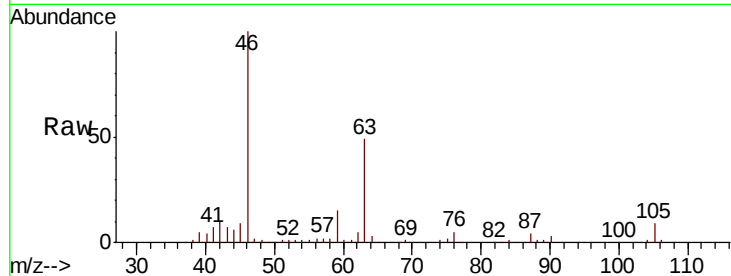




#48
2-Hexanone
Concen: 3.495 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

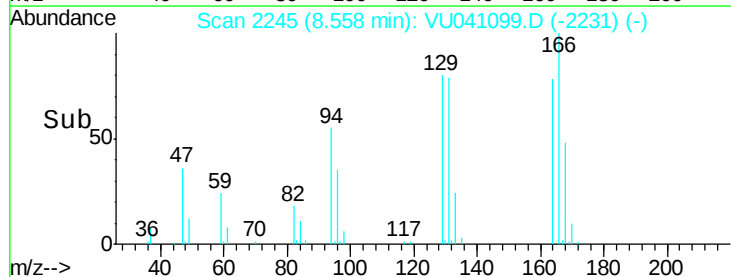
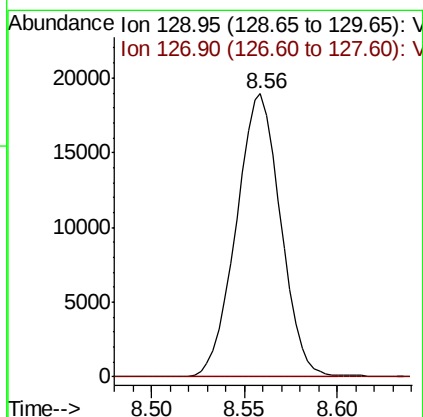
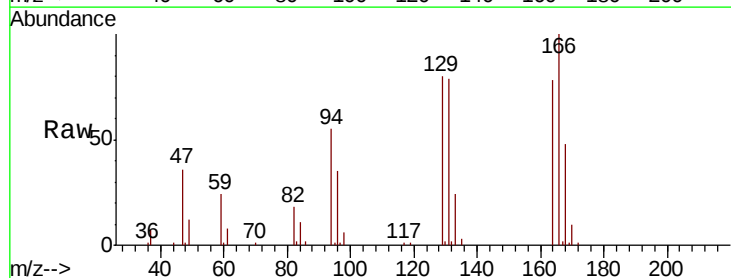
Instrument :
MSVOA_U
ClientSampleId :

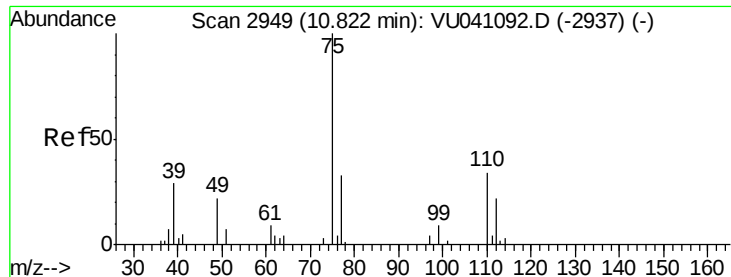
Tot Ion: 43 Resp: 8202
Ion Ratio Lower Upper
43 100
58 28.4 41.4 62.2#
57 28.5 14.6 21.8#
100 1.4 8.3 12.5#



#49
Dibromochloromethane
Concen: 9.338 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041099.D
Acq: 04 Nov 2020 13:27

Tgt Ion: 129 Resp: 31557
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#59

1,2,3-Trichloropropane

Concen: 1.034 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041099.D

Acq: 04 Nov 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 3014

Ion Ratio Lower Upper

75 100

77 34.0 25.7 38.5

