

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041695.D
 Acq On : 21 Dec 2020 12:44
 Operator : SY/MD
 Sample : L5148-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T9

Quant Time: Dec 22 02:51:03 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	151525	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	146077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	54324	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.92	69	47023	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	94784	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	4.65	46	178219	52.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	5.08	84	102822	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.71	65	59453	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	203545	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	69746	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.90	98	178583	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.18	79	27985	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	161755	50.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	61707	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	74883	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	40261	3.228 ug/L	98
6) Bromomethane	1.87	94	30076	3.493 ug/L	97
9) Trichlorofluoromethane	2.15	101	142500	8.176 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	1241	0.119 ug/L #	34
12) 1,1-Dichloroethene	2.59	96	36153	3.517 ug/L	85
13) Acetone	2.66	43	148653	68.680 ug/L	99
14) Carbon disulfide	2.81	76	169209	4.763 ug/L	100
16) Methylene chloride	3.06	84	29101	2.370 ug/L	88
17) Methyl tert-butyl Ether	3.38	73	238523	8.697 ug/L	99
19) 1,1-Dichloroethane	3.89	63	173457	8.729 ug/L	99
21) 2-Butanone	4.73	43	377123	106.969 ug/L	96
25) Chloroform	5.10	83	1025	0.051 ug/L	92
27) 1,2-Dichloroethane	5.81	62	98117	7.240 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	149256	8.897 ug/L	99
30) Cyclohexane	5.40	56	213069	11.332 ug/L	97
31) Carbon tetrachloride	5.33	117	20528	1.415 ug/L	99
34) Trichloroethene	6.55	95	62955	5.363 ug/L	99

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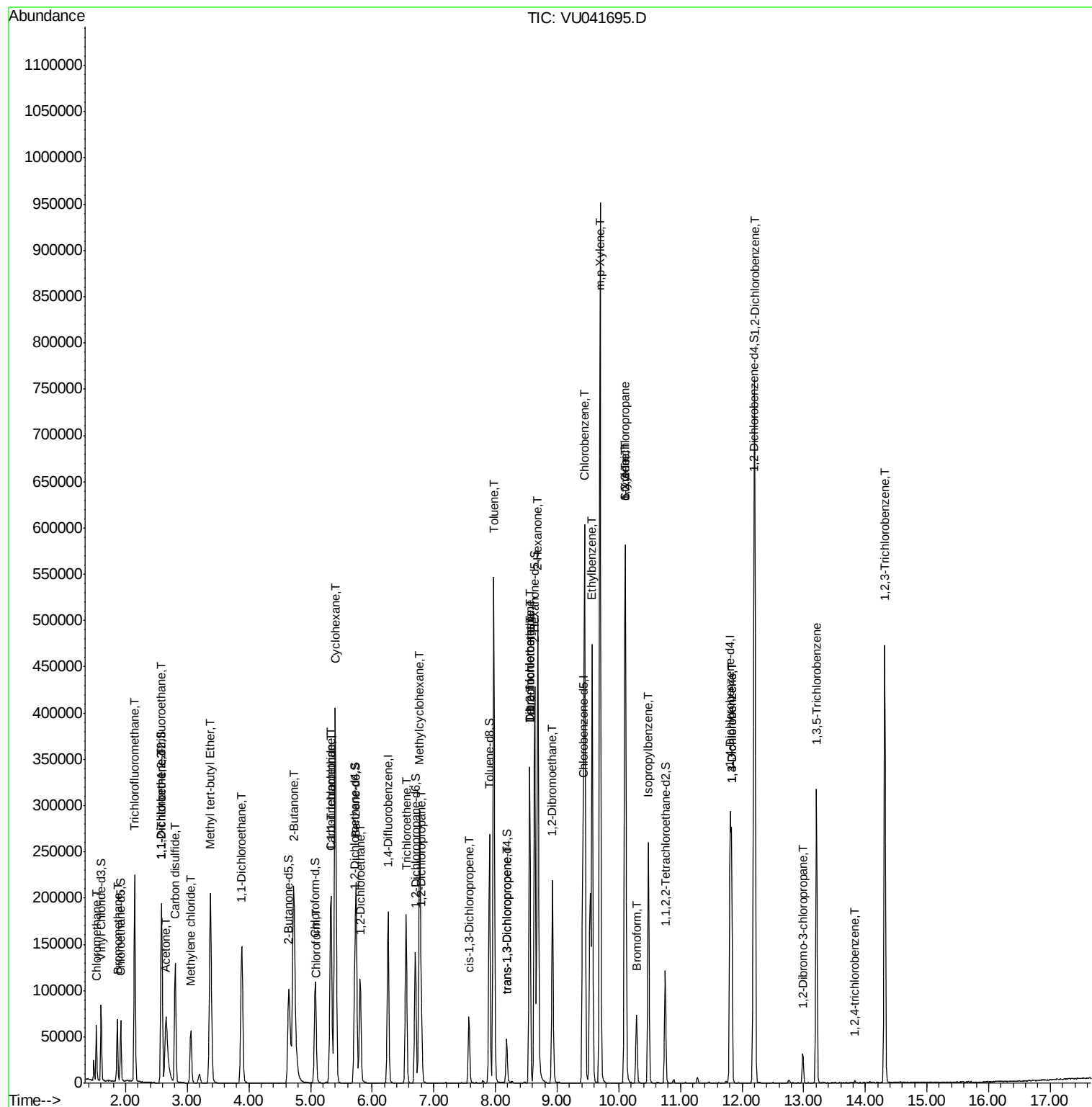
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.77	83	116194	6.123	ug/L	97
37) 1,2-Dichloropropane	6.80	63	26321	2.203	ug/L	99
39) cis-1,3-Dichloropropene	7.57	75	1662	0.094	ug/L #	50
42) Toluene	7.97	91	397409	8.239	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	1277	0.081	ug/L #	17
45) 1,1,2-Trichloroethane	8.56	97	593	0.067	ug/L #	1
47) Tetrachloroethene	8.56	164	77811	9.468	ug/L	96
48) 2-Hexanone	8.69	43	310148	50.119	ug/L	96
49) Dibromochloromethane	8.56	129	72315	7.124	ug/L #	10
50) 1,2-Dibromoethane	8.93	107	141932	16.236	ug/L	100
51) Chlorobenzene	9.45	112	331300	11.050	ug/L	97
52) Ethylbenzene	9.57	91	332359	6.471	ug/L	97
53) m,p-Xylene	9.70	106	265603	13.866	ug/L	99
54) o-Xylene	10.10	106	105496	5.623	ug/L	95
55) Styrene	10.11	104	178444	5.506	ug/L	96
56) Isopropylbenzene	10.48	105	170260	3.410	ug/L	99
59) 1,2,3-Trichloropropane	10.11	75	9349	1.042	ug/L #	1
61) Bromoform	10.29	173	34629	6.100	ug/L	98
62) 1,3-Dichlorobenzene	11.83	146	105456	4.592	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	105456	4.567	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	286156	12.724	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	8893	4.217	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	99825	5.726	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	967	0.066	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.32	180	144820	10.386	ug/L	97

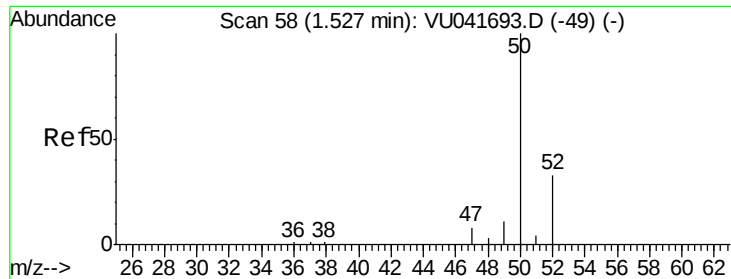
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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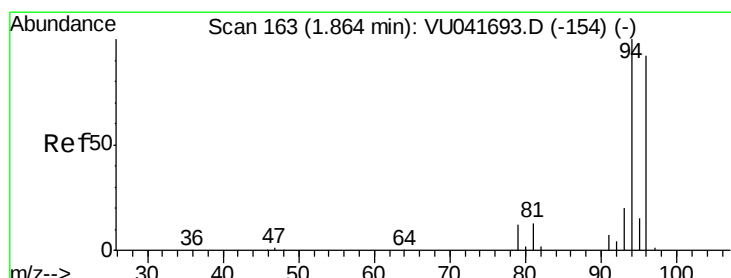
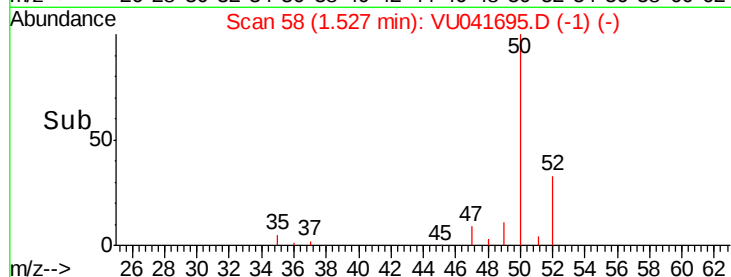
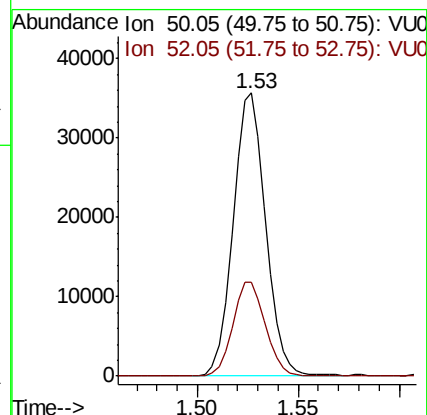
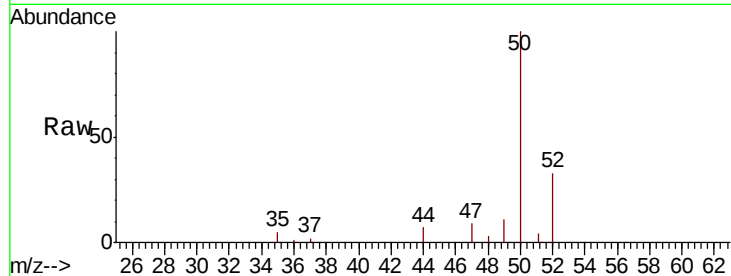




#3
Chloromethane
Concen: 3.228 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

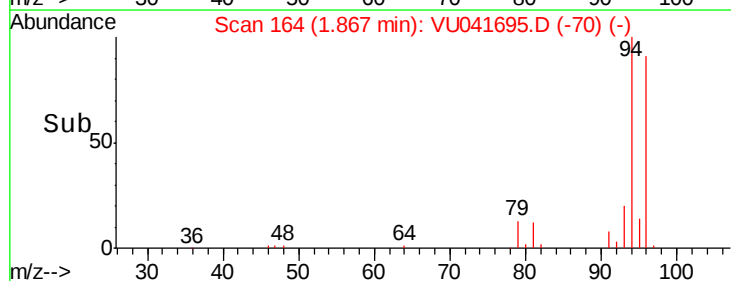
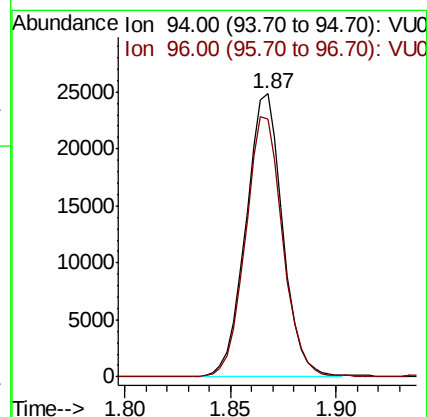
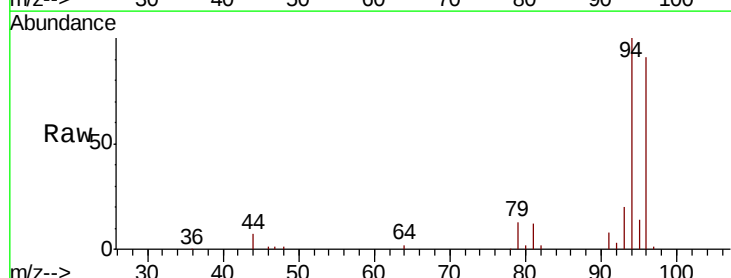
Instrument :
MSVOA_U
ClientSampleId :
GB1T9

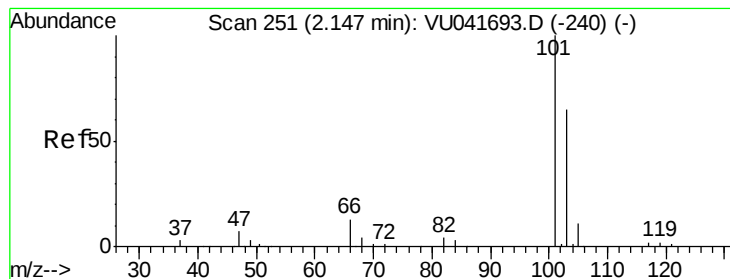
Tot Ion: 50 Resp: 40261
Ion Ratio Lower Upper
50 100
52 33.2 24.1 44.8



#6
Bromomethane
Concen: 3.493 ug/L
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Tgt Ion: 94 Resp: 30076
Ion Ratio Lower Upper
94 100
96 90.9 65.7 121.9





#9

Trichlorofluoromethane

Concen: 8.176 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

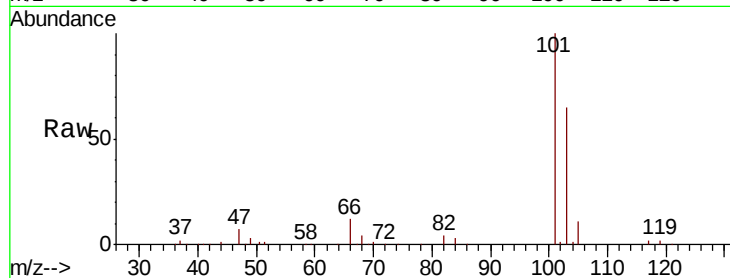
GB1T9

Tot Ion:101 Resp: 142500

Ion Ratio Lower Upper

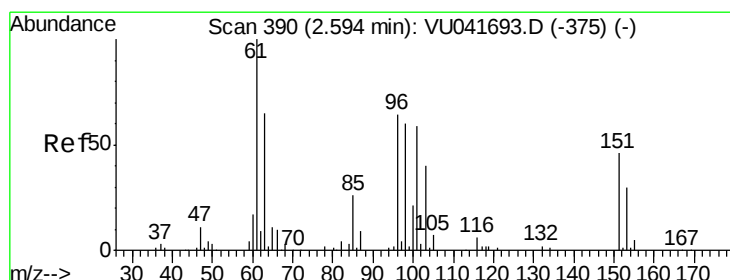
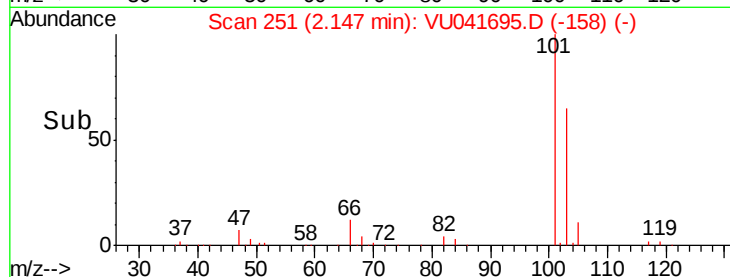
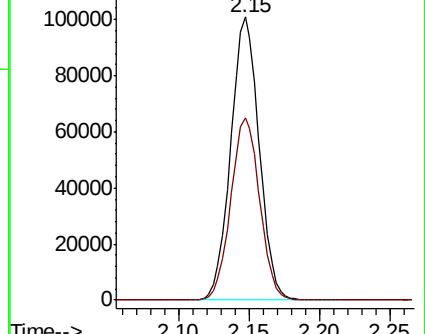
101 100

103 65.3 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.119 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

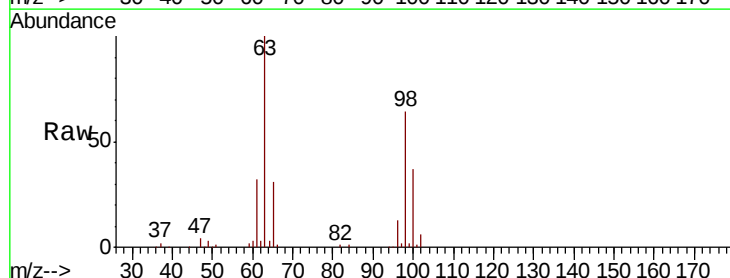
Tgt Ion:101 Resp: 1241

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

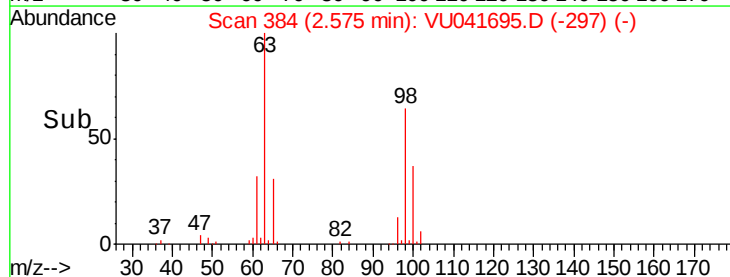
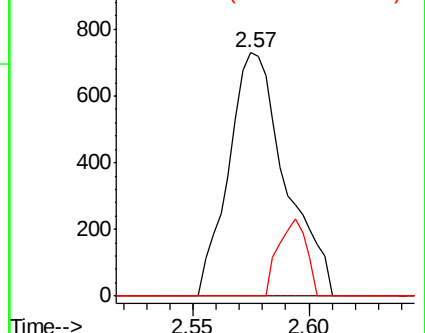
151 15.7 56.2 84.4#

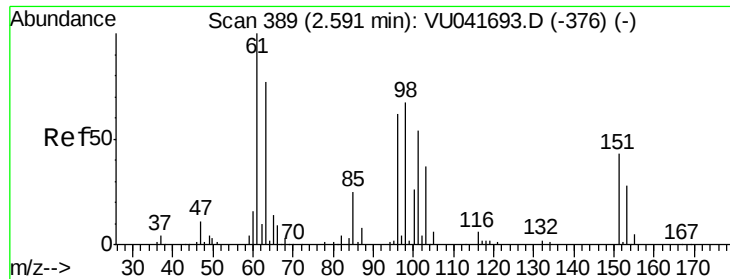


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 3.517 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

GB1T9

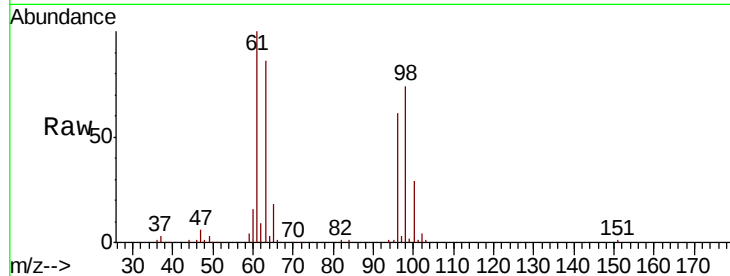
Tot Ion: 96 Resp: 36153

Ion Ratio Lower Upper

96 100

61 164.6 123.8 230.0

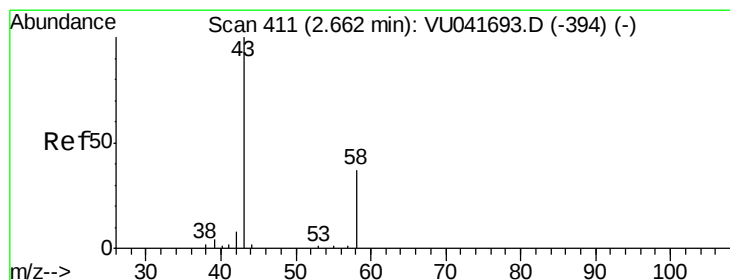
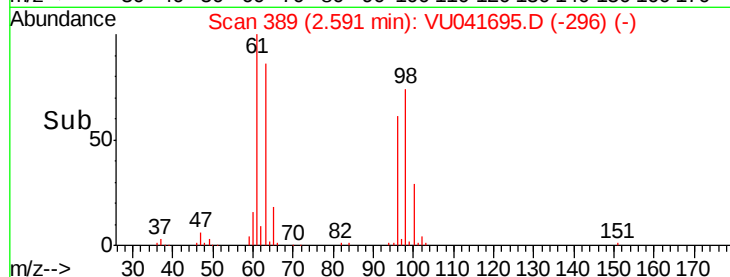
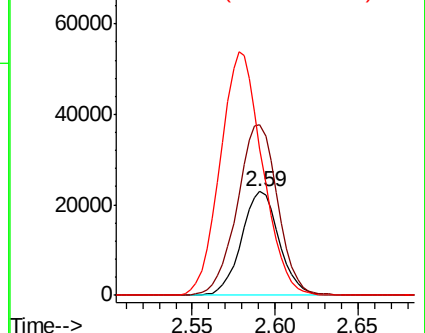
63 141.3 81.0 150.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 68.680 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU041695.D

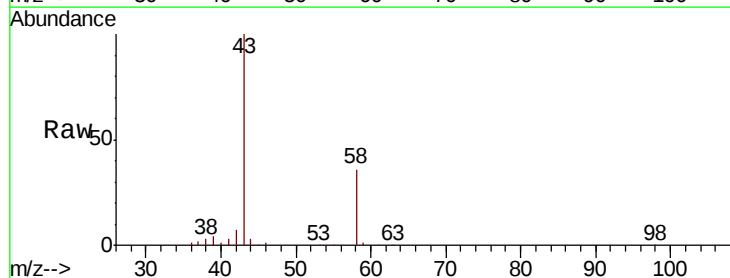
Acq: 21 Dec 2020 12:44

Tgt Ion: 43 Resp: 148653

Ion Ratio Lower Upper

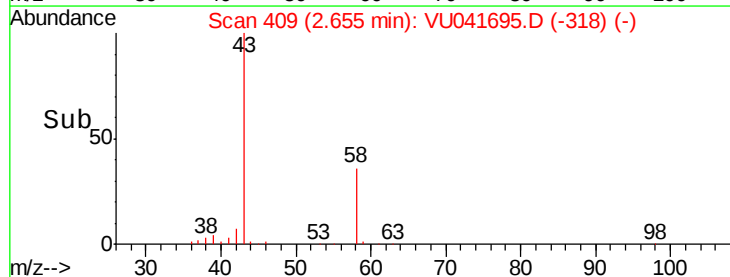
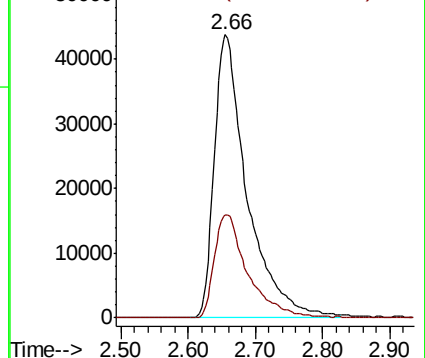
43 100

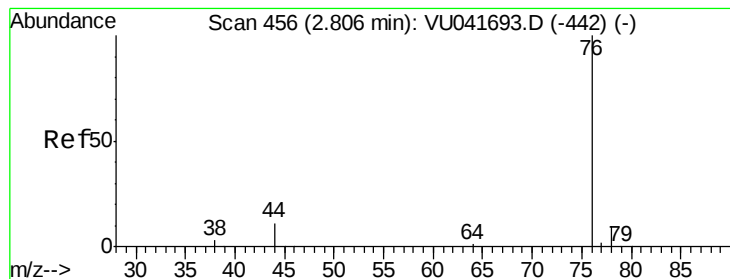
58 37.2 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 4.763 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampled :

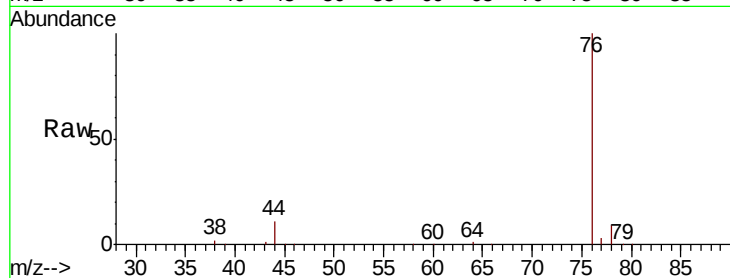
GB1T9

Tot Ion: 76 Resp: 169209

Ion Ratio Lower Upper

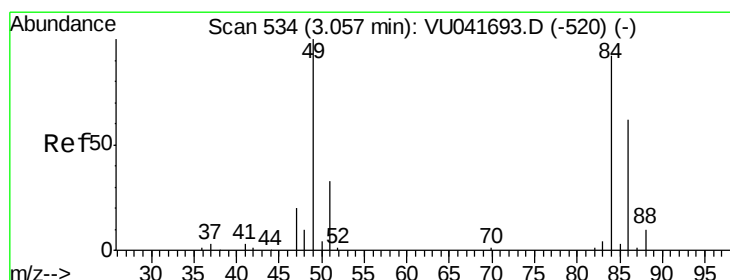
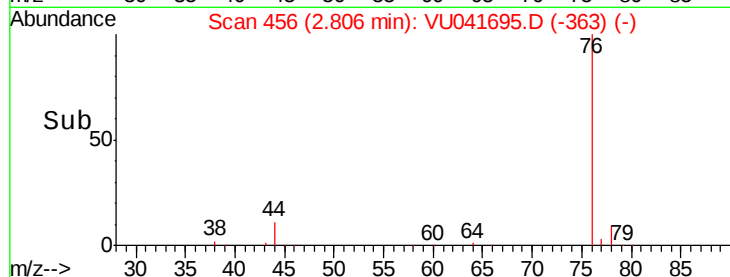
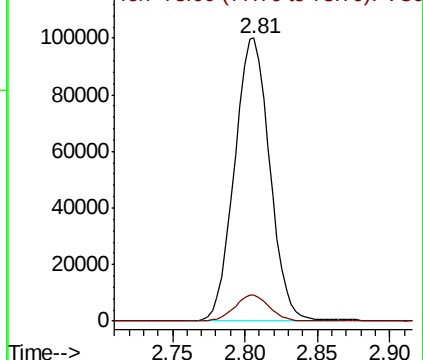
76 100

78 9.3 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#16

Methylene chloride

Concen: 2.370 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

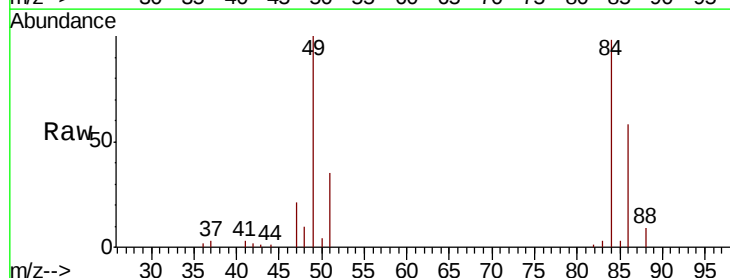
Tgt Ion: 84 Resp: 29101

Ion Ratio Lower Upper

84 100

86 59.5 45.1 83.7

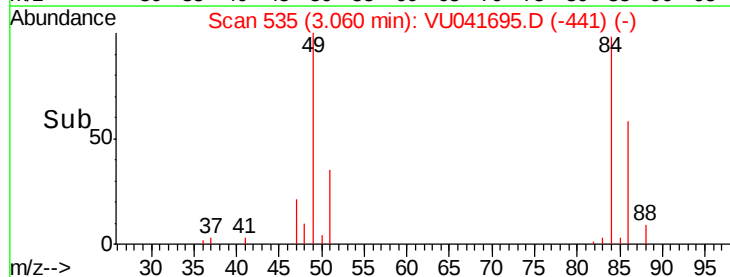
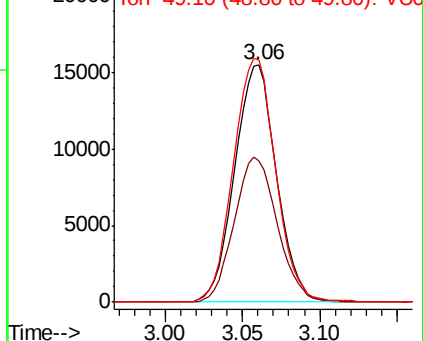
49 101.8 83.1 154.3

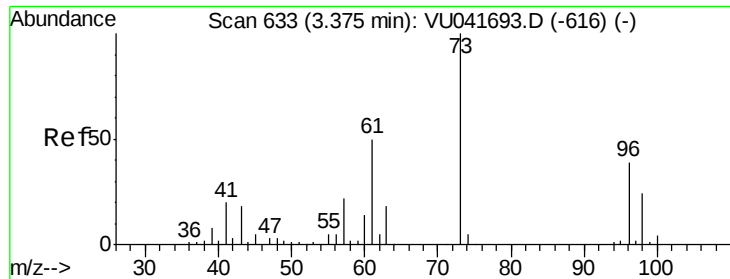


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

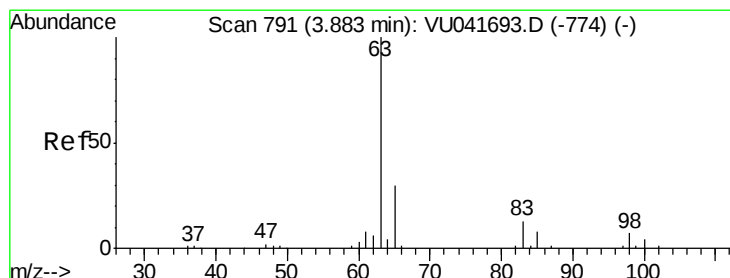
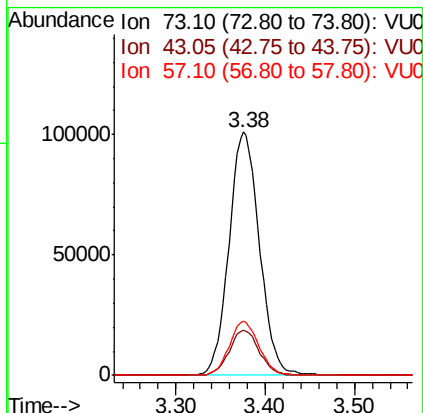
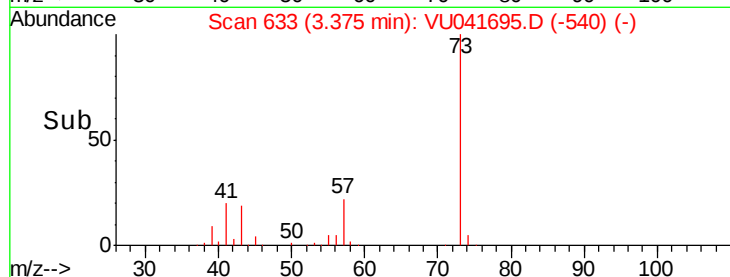
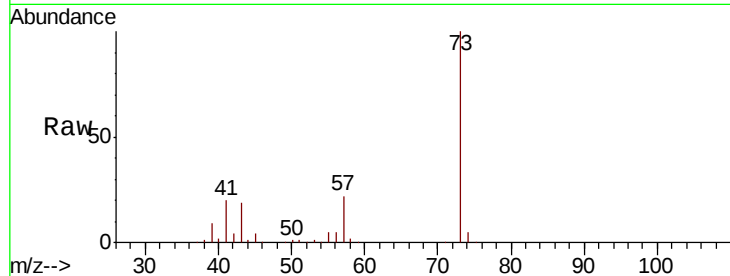




#17
Methvl tert-butvl Ether
Concen: 8.697 ug/L
RT: 3.38 min Scan# 633
Delta R.T. -0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

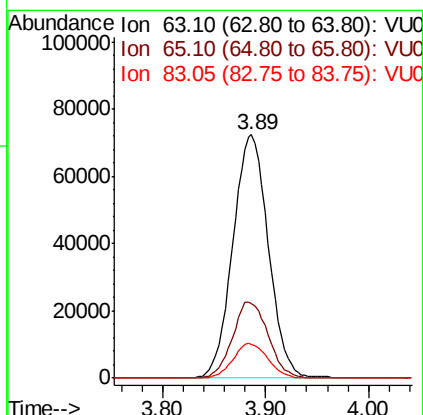
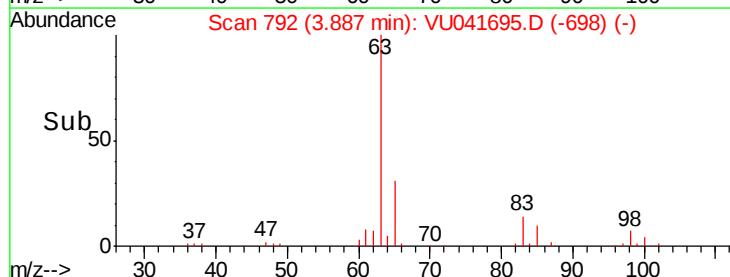
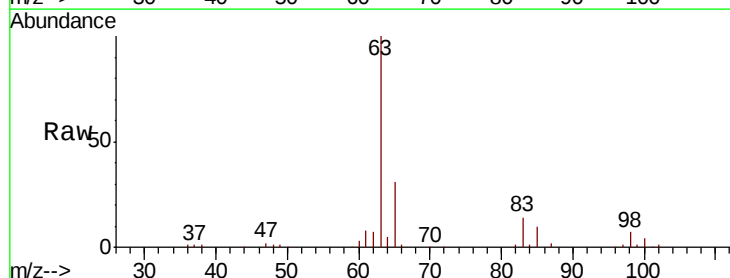
Instrument :
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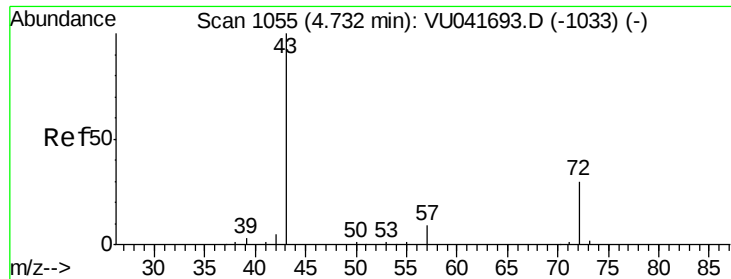
Tot Ion: 73 Resp: 238523
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1
57 21.6 18.2 27.4



#19
1,1-Dichloroethane
Concen: 8.729 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Tgt Ion: 63 Resp: 173457
Ion Ratio Lower Upper
63 100
65 30.9 21.3 39.6
83 13.9 9.3 17.3

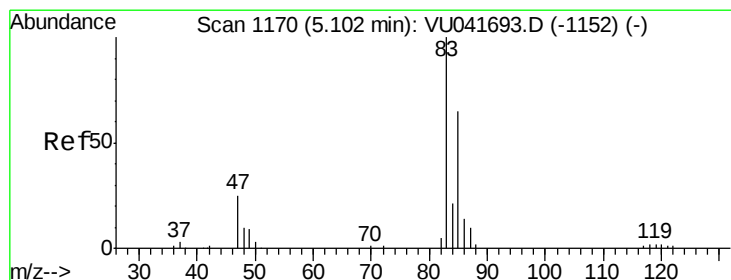
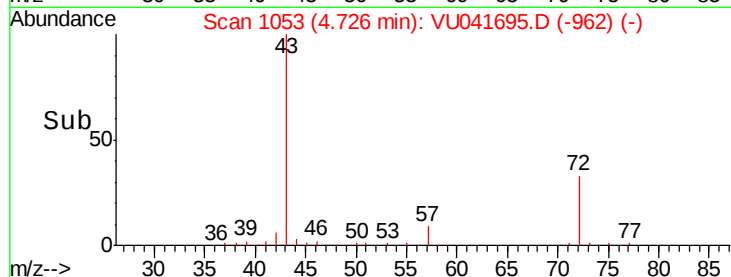
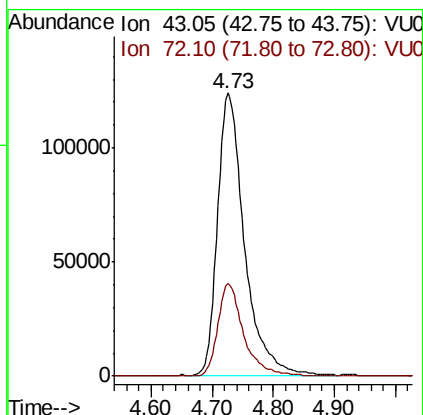
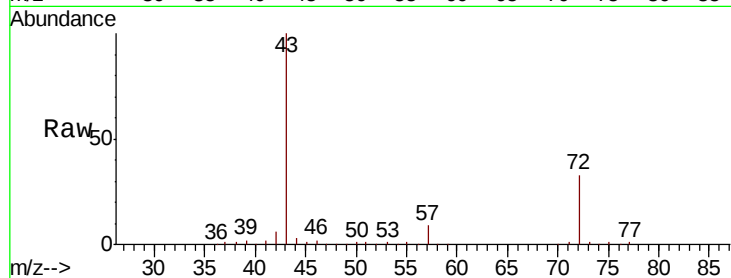




#21
2-Butanone
Concen: 106.969 ug/L
RT: 4.73 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

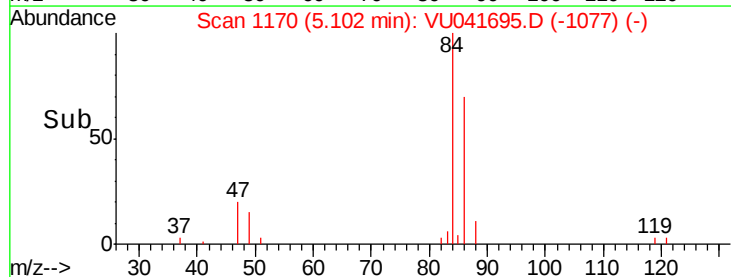
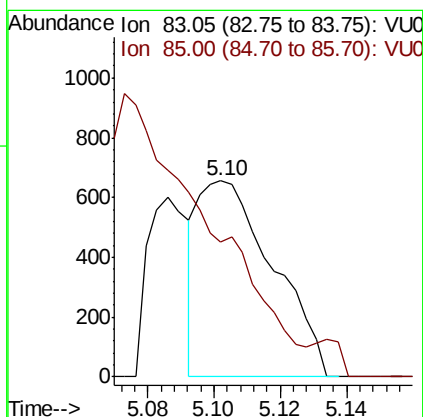
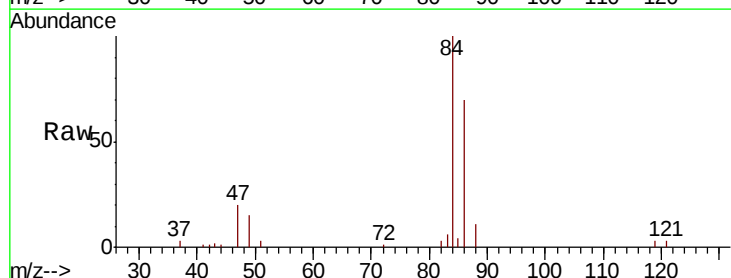
Instrument :
MSVOA_U
ClientSampled :
GB1T9

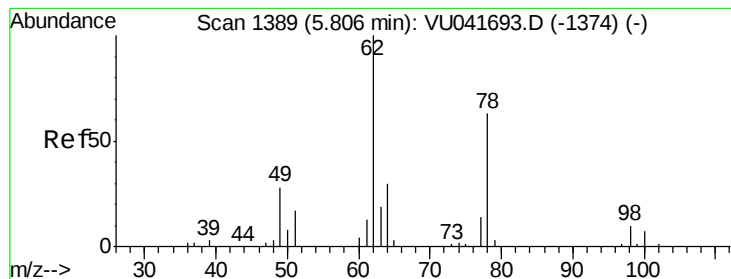
Tot Ion: 43 Resp: 377123
Ion Ratio Lower Upper
43 100
72 31.4 14.6 44.0



#25
Chloroform
Concen: 0.051 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Tgt Ion: 83 Resp: 1025
Ion Ratio Lower Upper
83 100
85 69.0 44.2 82.0





#27

1,2-Dichloroethane

Concen: 7.240 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

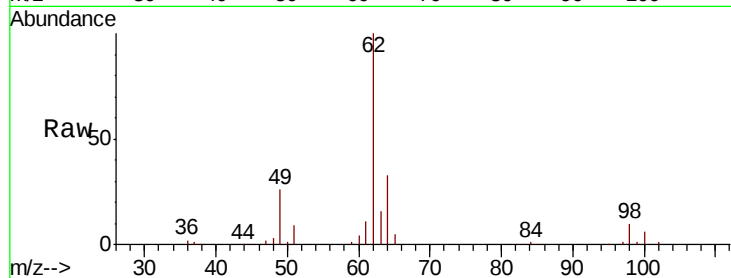
GB1T9

Tot Ion: 62 Resp: 98117

Ion Ratio Lower Upper

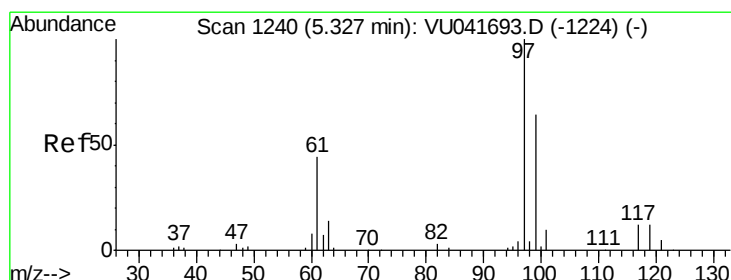
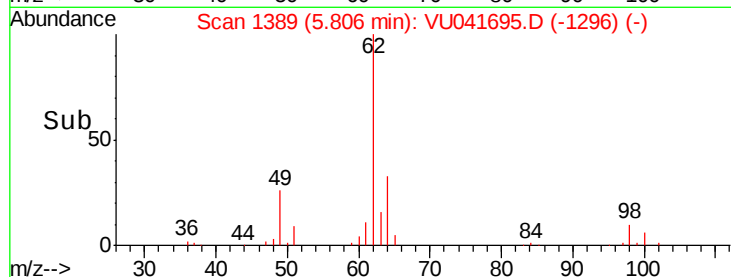
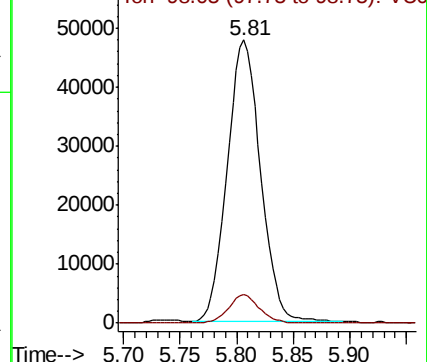
62 100

98 10.1 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#29

1,1,1-Trichloroethane

Concen: 8.897 ug/L

RT: 5.33 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

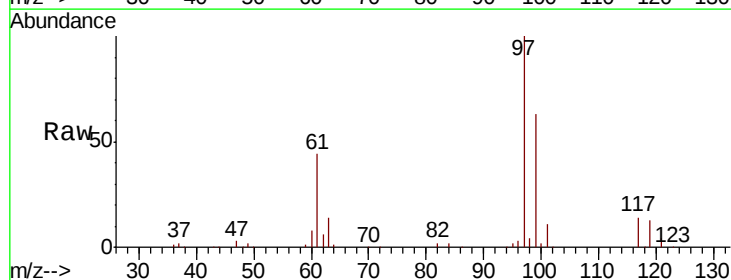
Tgt Ion: 97 Resp: 149256

Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

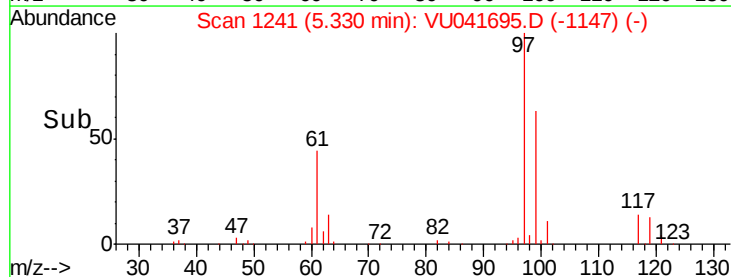
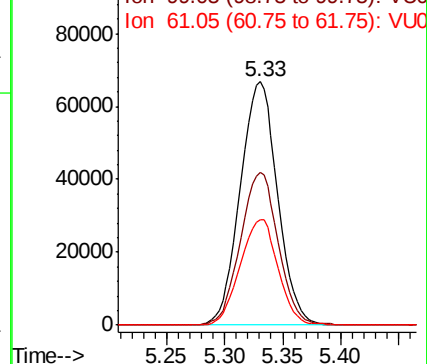
61 44.1 36.5 54.7

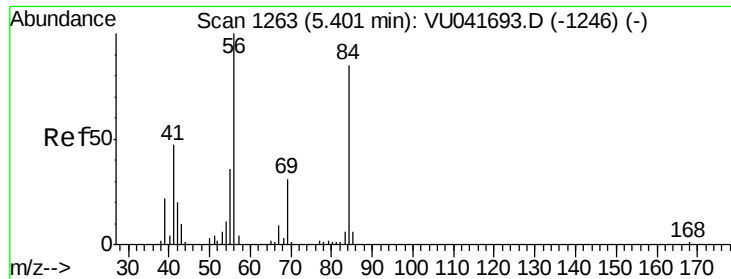


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0

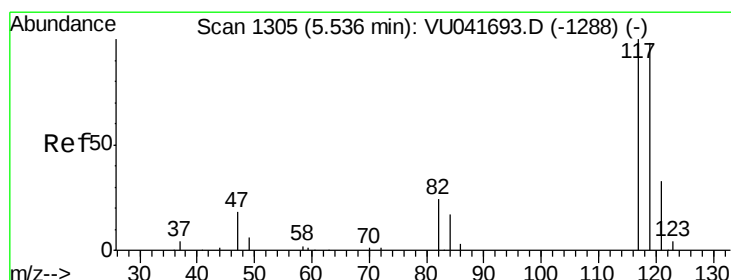
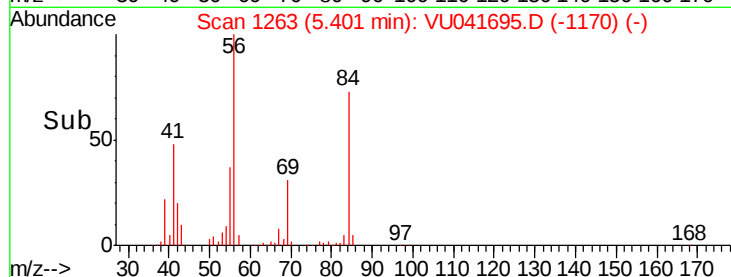
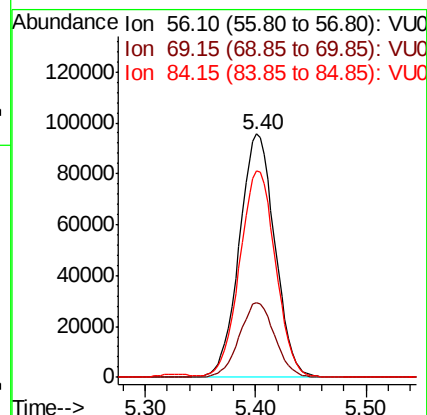
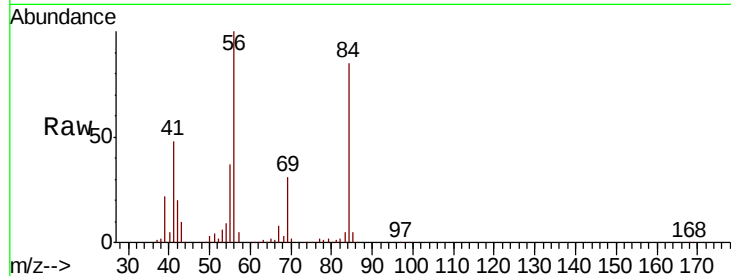




#30
Cyclohexane
Concen: 11.332 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

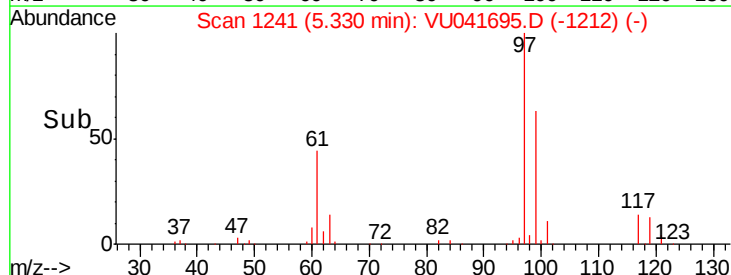
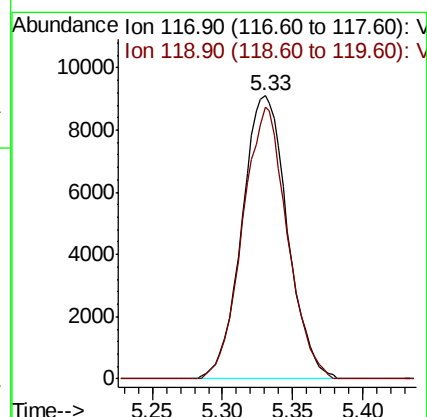
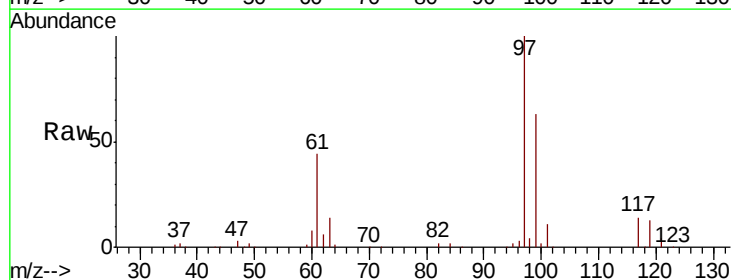
Instrument :
MSVOA_U
ClientSampleId :
GB1T9

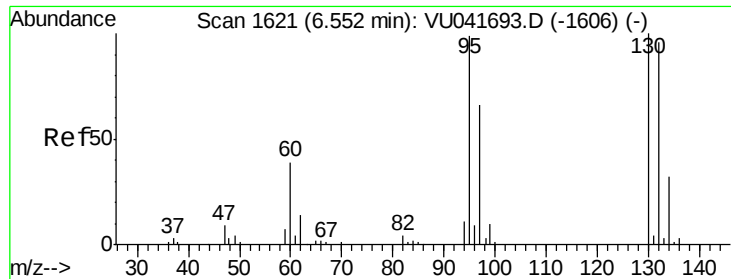
Tot Ion: 56 Resp: 213069
Ion Ratio Lower Upper
56 100
69 30.5 23.8 35.8
84 86.4 66.2 99.4



#31
Carbon tetrachloride
Concen: 1.415 ug/L
RT: 5.33 min Scan# 1241
Delta R.T. -0.21 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Tgt Ion: 117 Resp: 20528
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2

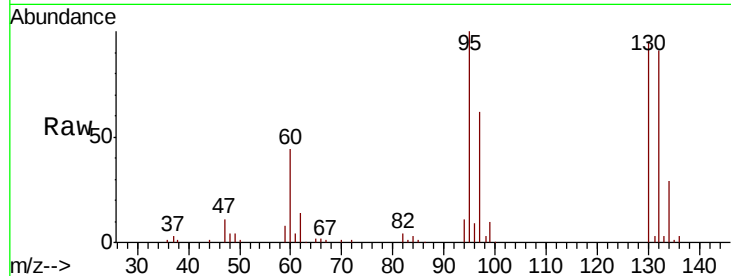




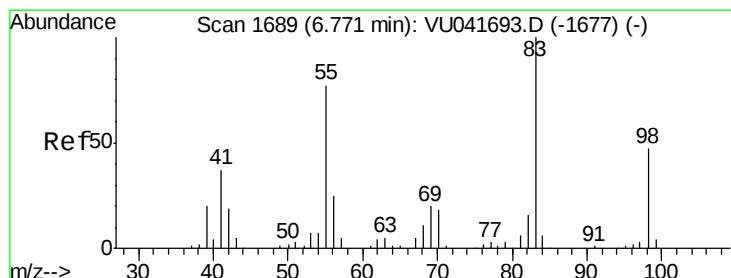
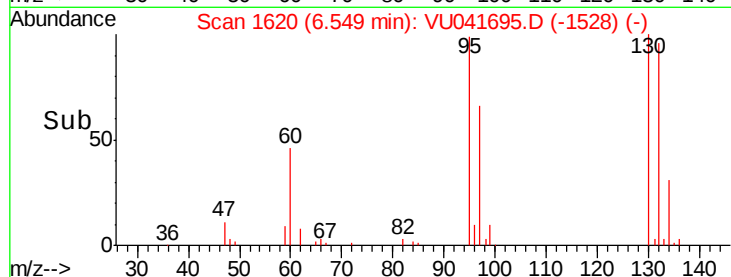
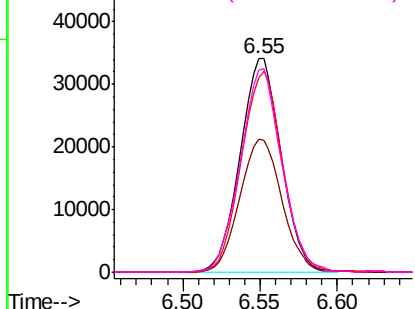
#34
 Trichloroethene
 Concen: 5.363 ug/L
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T9

Tot Ion: 95 Resp: 62955
 Ion Ratio Lower Upper
 95 100
 97 62.1 43.9 81.5
 132 91.0 63.1 117.3
 130 94.7 67.4 125.2

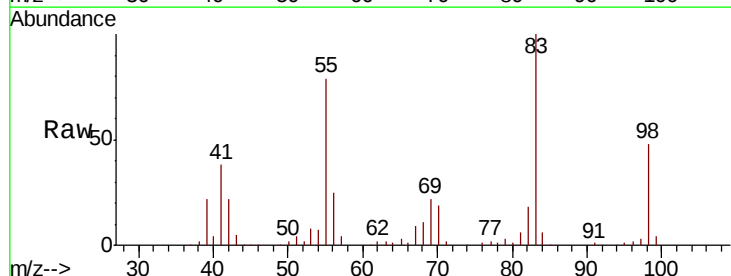


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

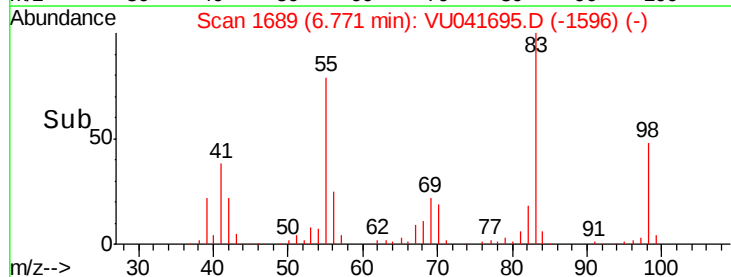
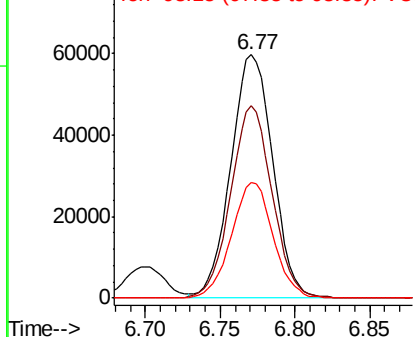


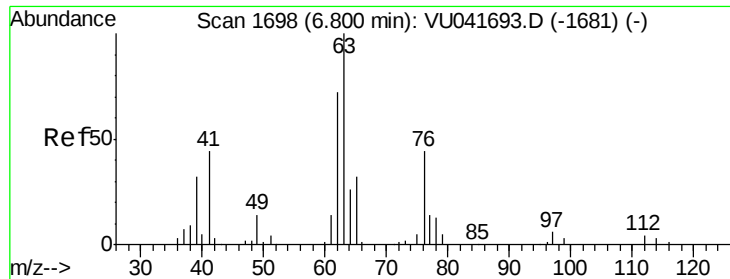
#35
 Methylcyclohexane
 Concen: 6.123 ug/L
 RT: 6.77 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

Tgt Ion: 83 Resp: 116194
 Ion Ratio Lower Upper
 83 100
 55 78.6 61.2 91.8
 98 47.5 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

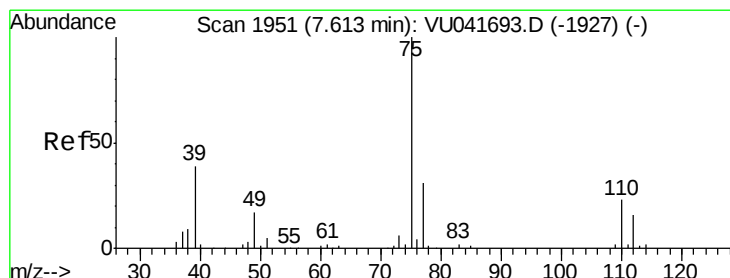
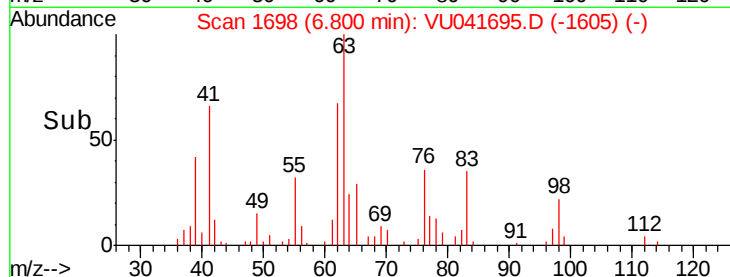
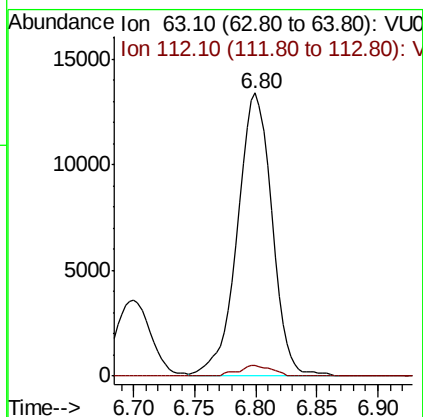
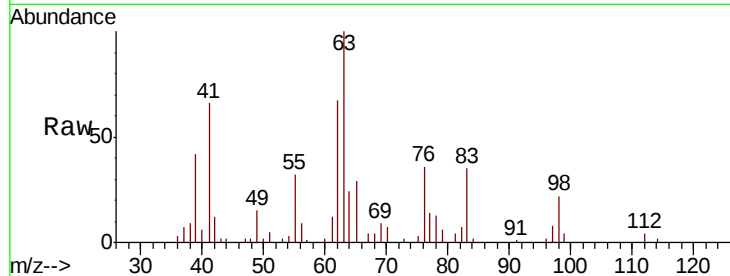




#37
 1,2-Dichloropropane
 Concen: 2.203 ug/L
 RT: 6.80 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

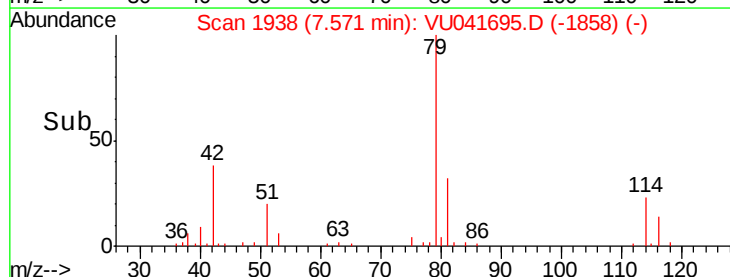
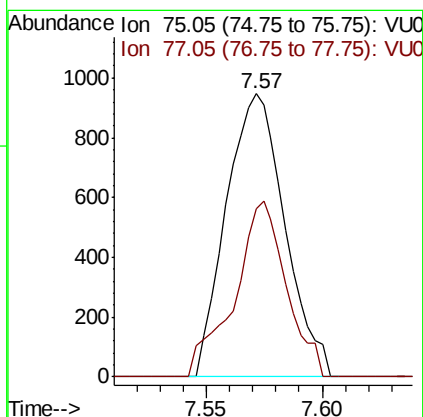
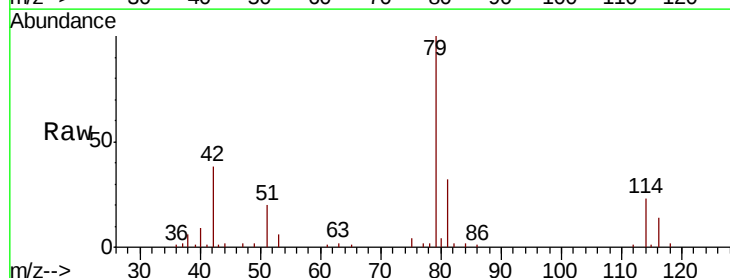
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T9

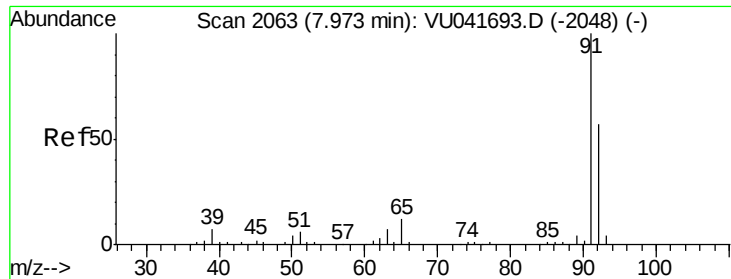
Tot Ion: 63 Resp: 26321
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.1 4.7



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

Tgt Ion: 75 Resp: 1662
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.3 41.3#





#42

Toluene

Concen: 8.239 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

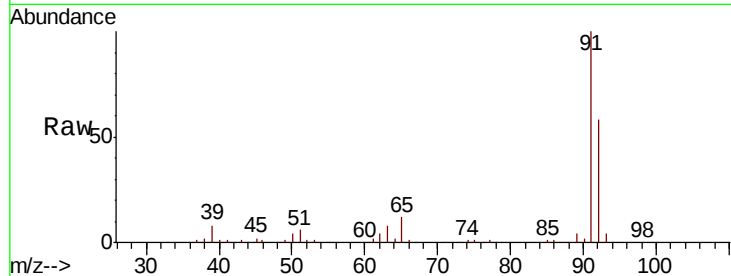
GB1T9

Tot Ion: 91 Resp: 397409

Ion Ratio Lower Upper

91 100

92 58.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU041693.D (-2048) (-)

Ion 92.15 (91.85 to 92.85): VU041693.D (-2048) (-)

7.97

250000

200000

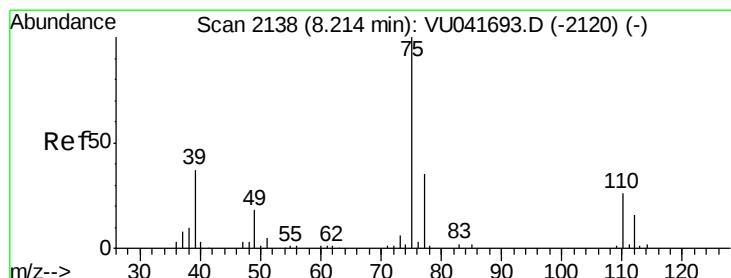
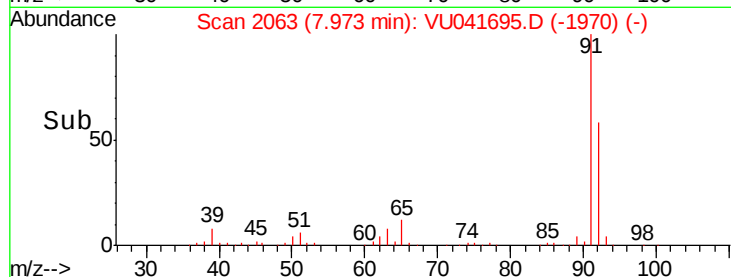
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041695.D

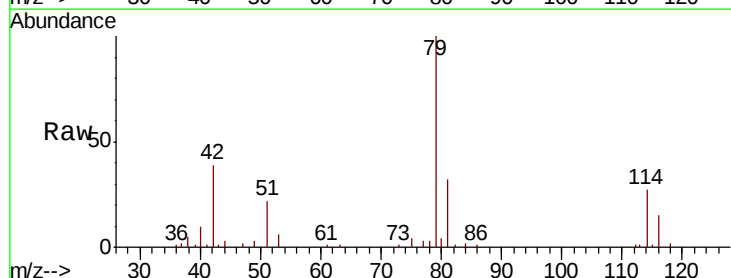
Acq: 21 Dec 2020 12:44

Tgt Ion: 75 Resp: 1277

Ion Ratio Lower Upper

75 100

77 81.4 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041693.D (-2120) (-)

Ion 77.05 (76.75 to 77.75): VU041693.D (-2120) (-)

8.19

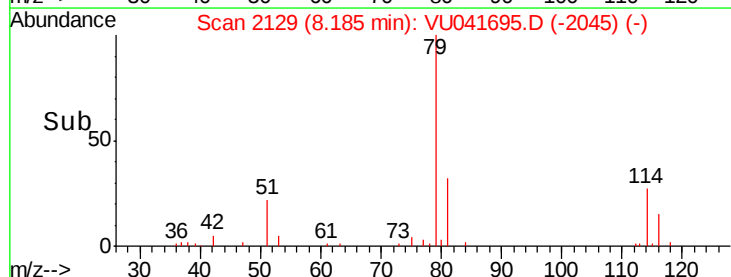
600

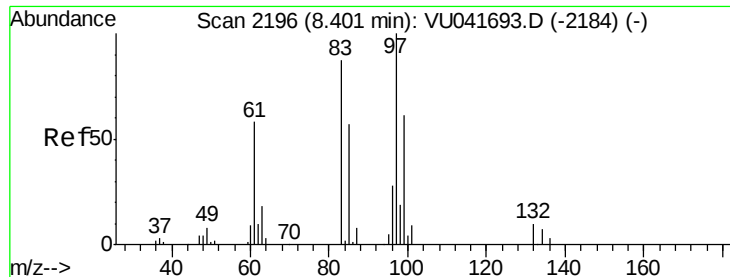
400

200

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 0.067 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.15 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

GB1T9

Tot Ion: 97 Resp: 593

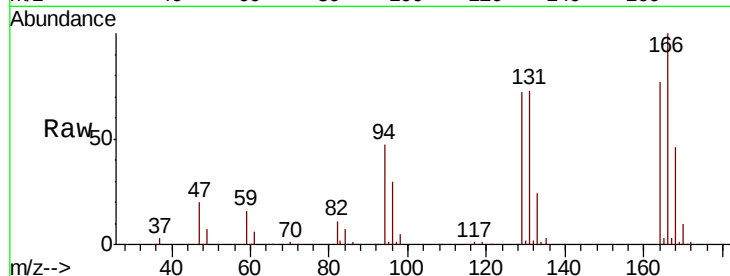
Ion Ratio Lower Upper

97 100

99 0.0 42.1 78.3#

83 269.4 62.6 116.2#

85 0.0 39.1 72.7#



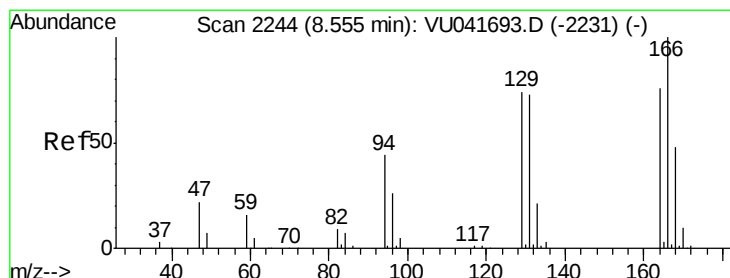
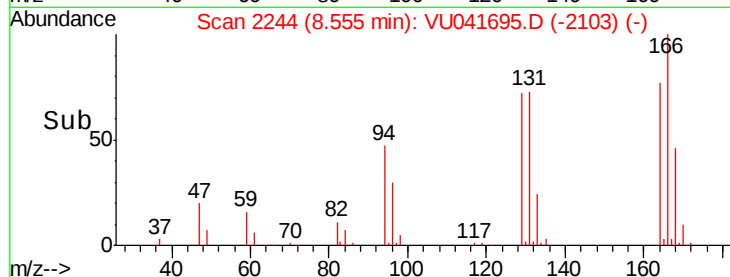
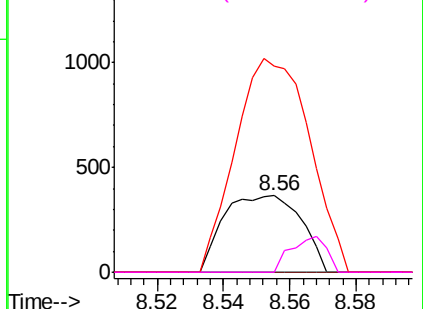
Abundance

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: 9.468 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Tgt Ion:164 Resp: 77811

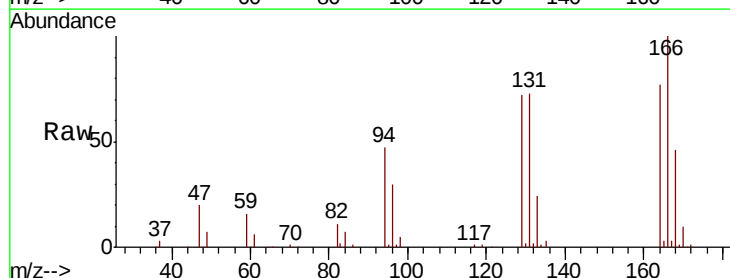
Ion Ratio Lower Upper

164 100

129 93.5 72.2 134.0

131 94.5 66.9 124.3

166 129.7 89.6 166.4



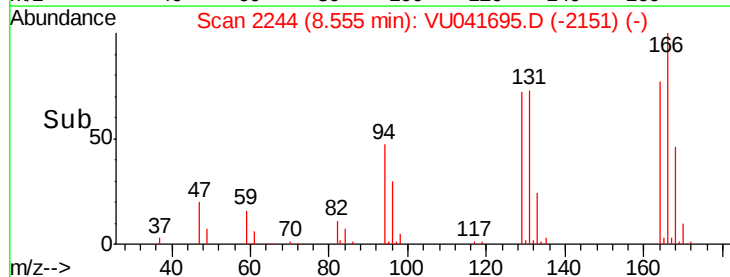
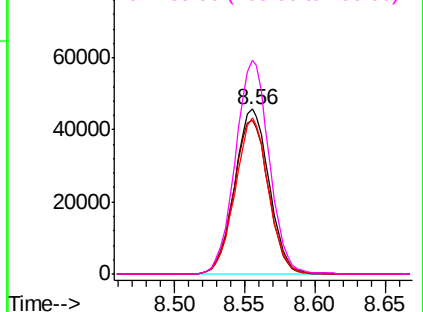
Abundance

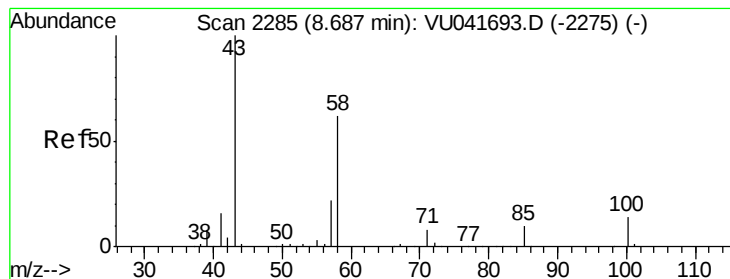
Ion 163.90 (163.60 to 164.60): V

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





#48

2-Hexanone

Concen: 50.119 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

GB1T9

Tot Ion: 43 Resp: 310148

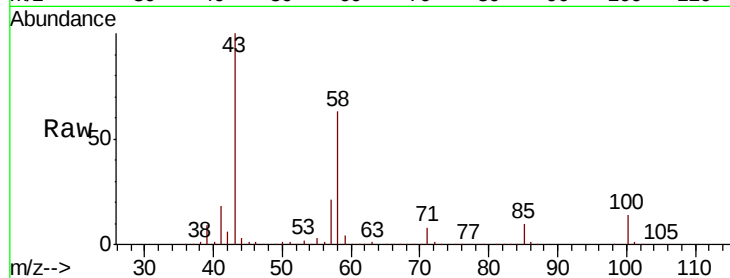
Ion Ratio Lower Upper

43 100

58 62.5 47.9 71.9

57 21.9 16.5 24.7

100 14.0 9.4 14.2

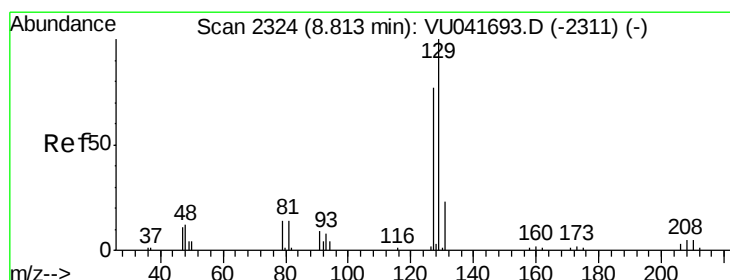
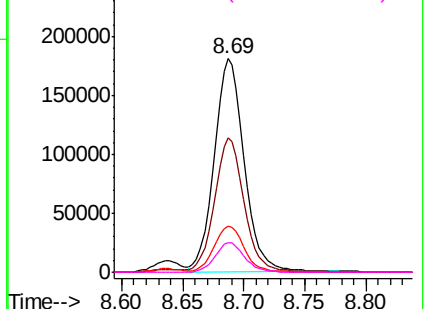
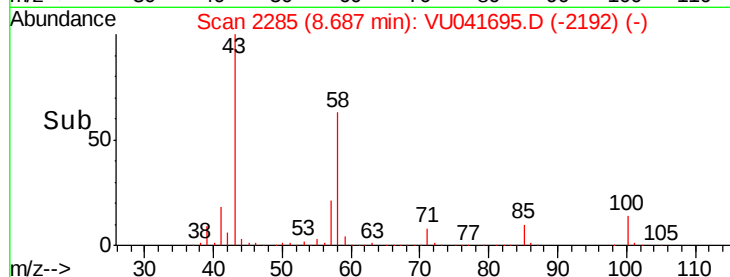


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#49

Dibromochloromethane

Concen: 7.124 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041695.D

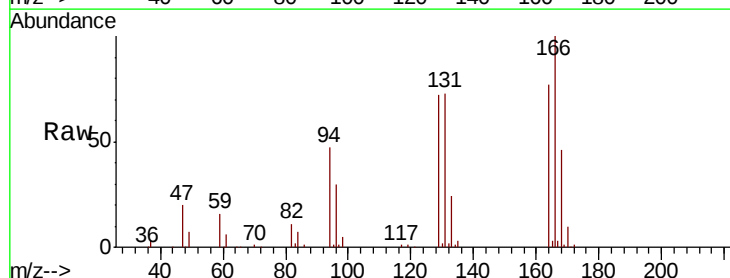
Acq: 21 Dec 2020 12:44

Tgt Ion: 129 Resp: 72315

Ion Ratio Lower Upper

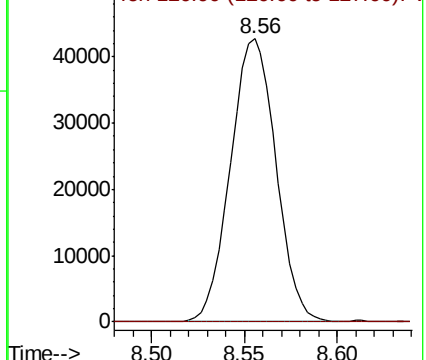
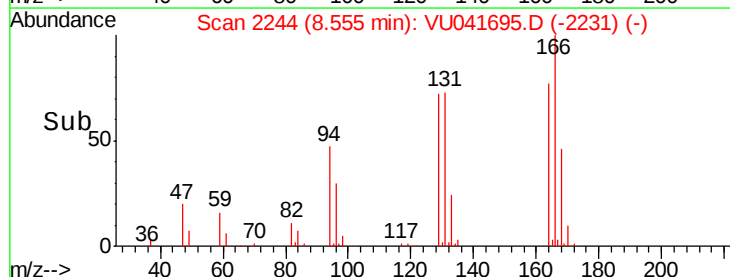
129 100

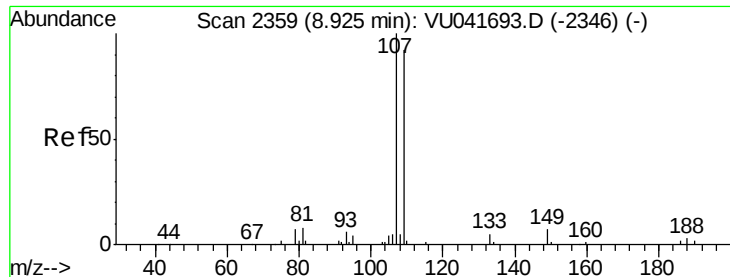
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

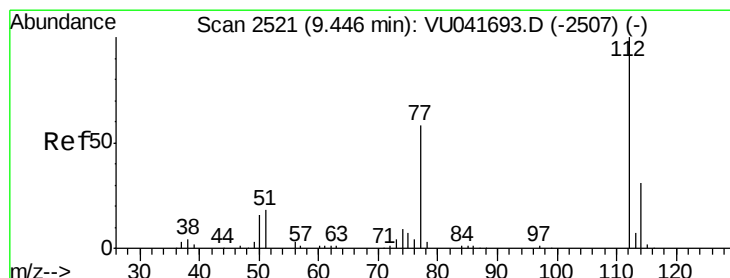
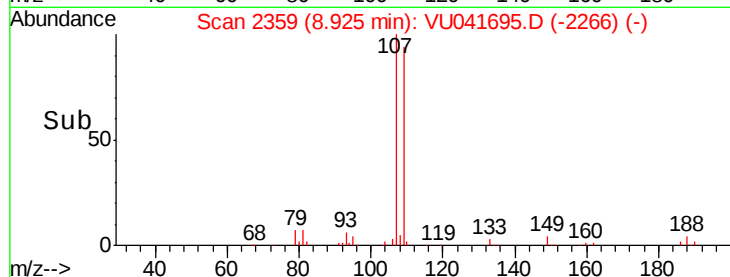
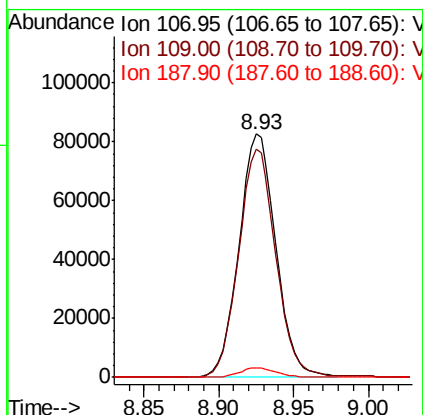
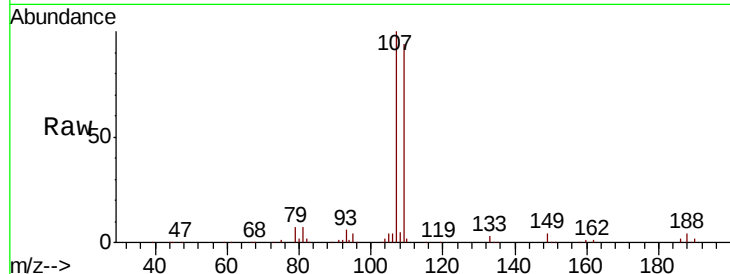




#50
 1,2-Dibromoethane
 Concen: 16.236 ug/L
 RT: 8.93 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

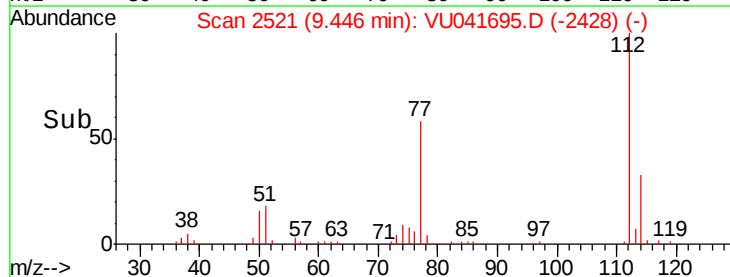
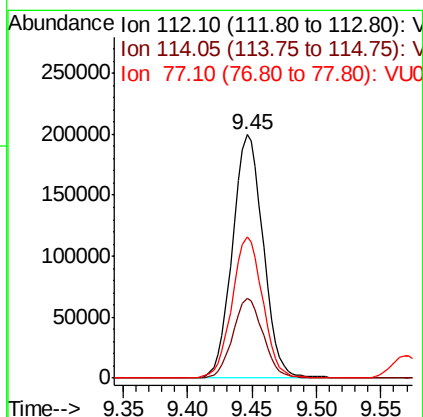
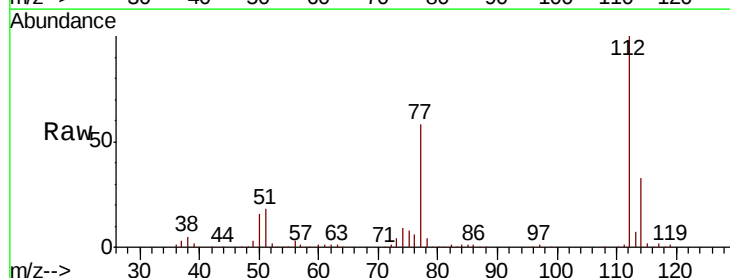
Instrument :
 MSVOA_U
 ClientSampled :
 GB1T9

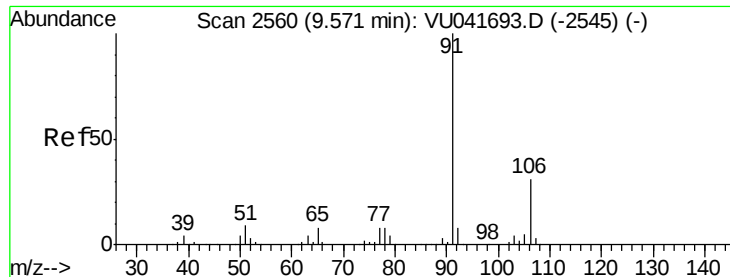
Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.6	121.8
188	3.9	2.6	4.0



#51
 Chlorobenzene
 Concen: 11.050 ug/L
 RT: 9.45 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.7	42.3
77	58.1	49.1	73.7





#52

Ethylbenzene

Concen: 6.471 ug/L

RT: 9.57 min Scan# 2559

Delta R.T. -0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

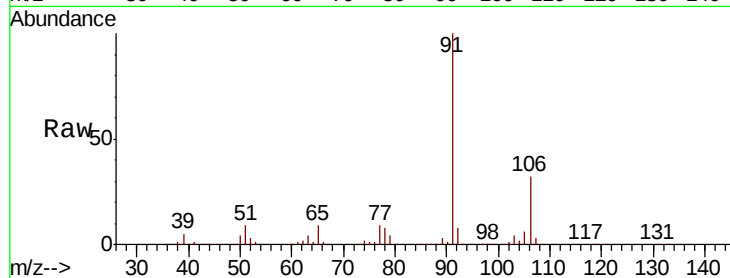
GB1T9

Tot Ion: 91 Resp: 332359

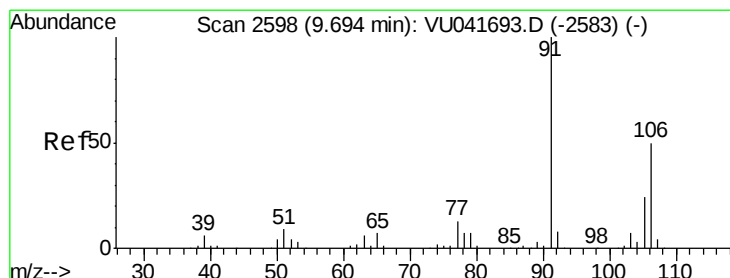
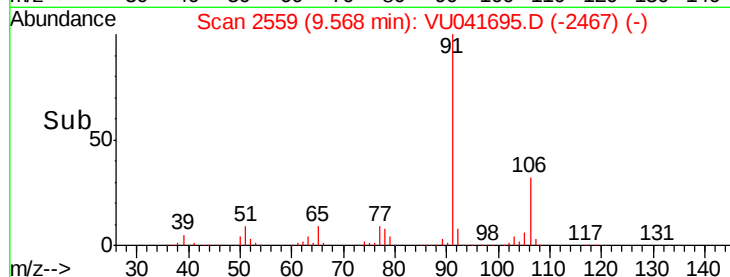
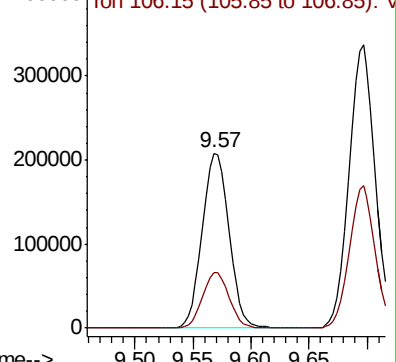
Ion Ratio Lower Upper

91 100

106 31.8 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU041695.D (-2545) (-)



#53

m,p-Xylene

Concen: 13.866 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041695.D

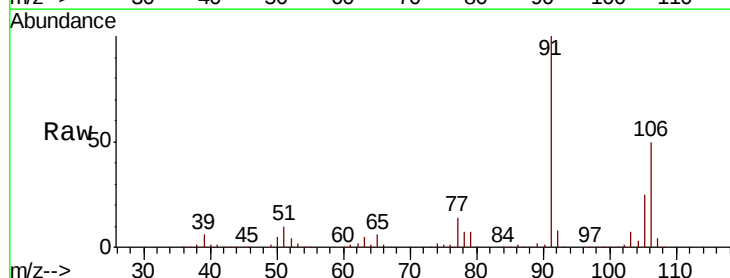
Acq: 21 Dec 2020 12:44

Tgt Ion: 106 Resp: 265603

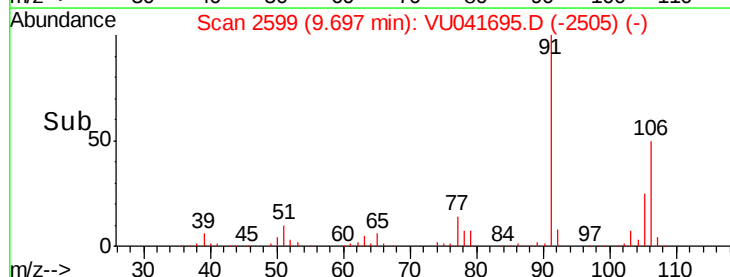
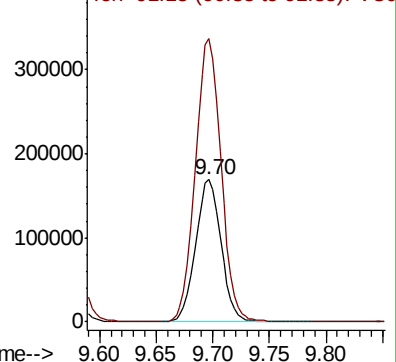
Ion Ratio Lower Upper

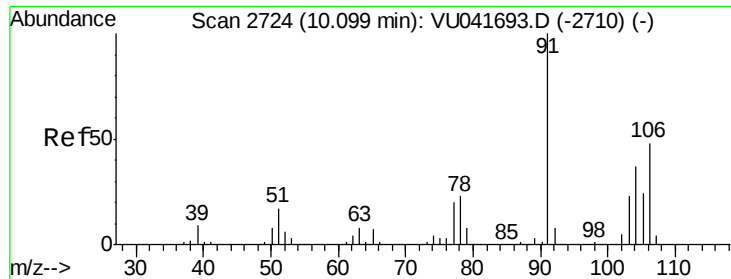
106 100

91 199.4 140.4 260.8



Abundance Ion 106.15 (105.85 to 106.85): VU041695.D (-2583) (-)

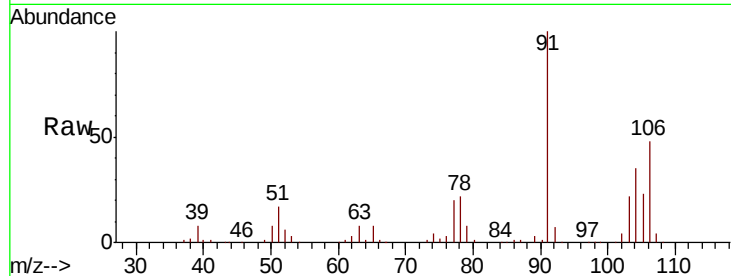




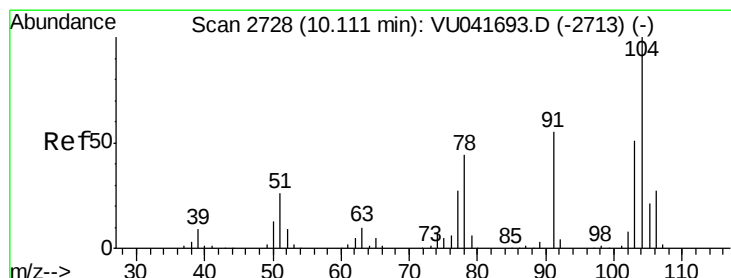
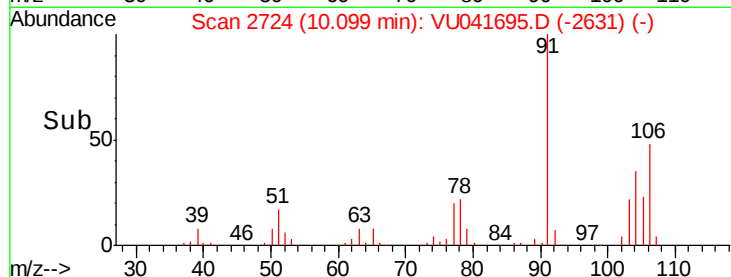
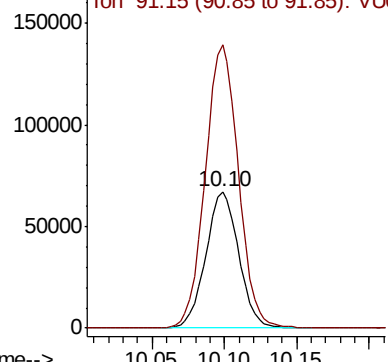
#54
o-Xylene
Concen: 5.623 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Instrument :
MSVOA_U
ClientSampled :
GB1T9

Tot Ion:106 Resp: 105496
Ion Ratio Lower Upper
106 100
91 207.7 151.3 281.1

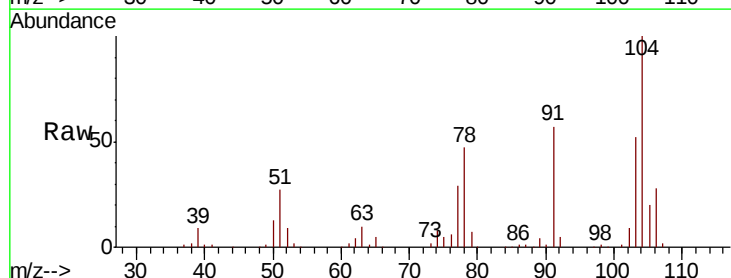


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

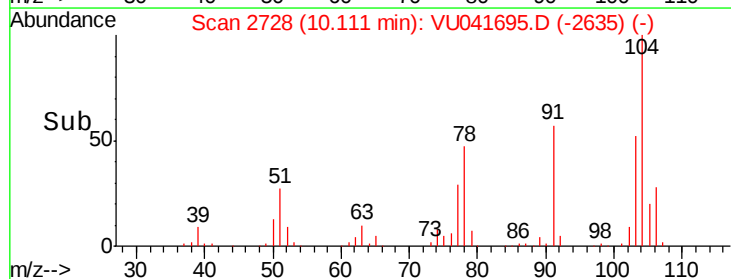
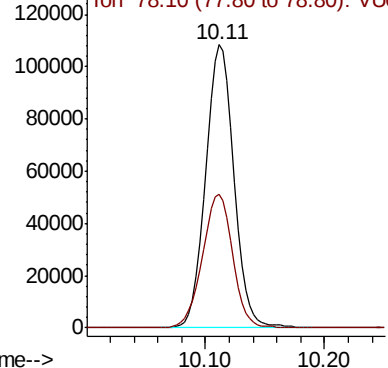


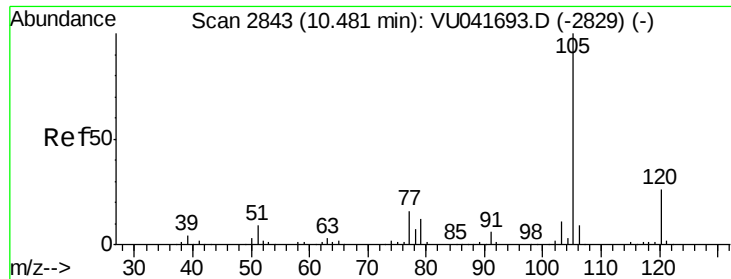
#55
Styrene
Concen: 5.506 ug/L
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Tgt Ion:104 Resp: 178444
Ion Ratio Lower Upper
104 100
78 47.3 31.1 57.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 3.410 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampleId :

GB1T9

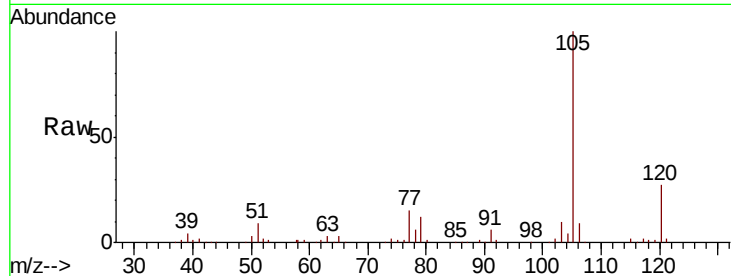
Tot Ion:105 Resp: 170260

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

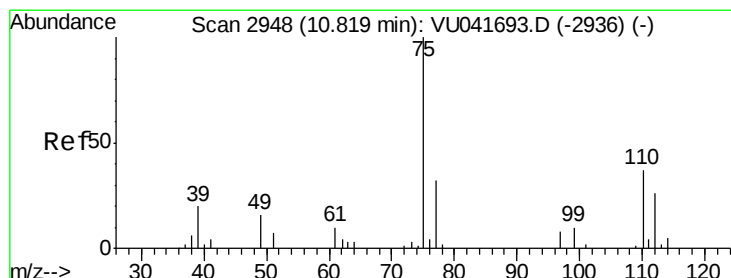
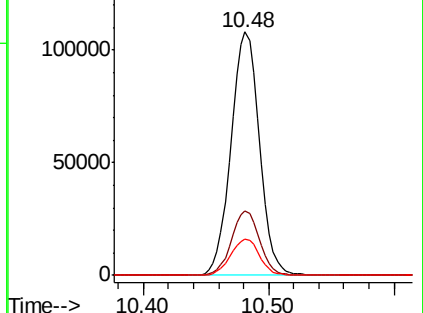
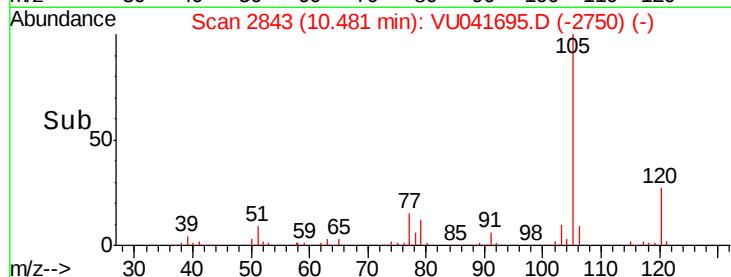
77 15.2 12.7 19.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 1.042 ug/L

RT: 10.11 min Scan# 2727

Delta R.T. -0.71 min

Lab File: VU041695.D

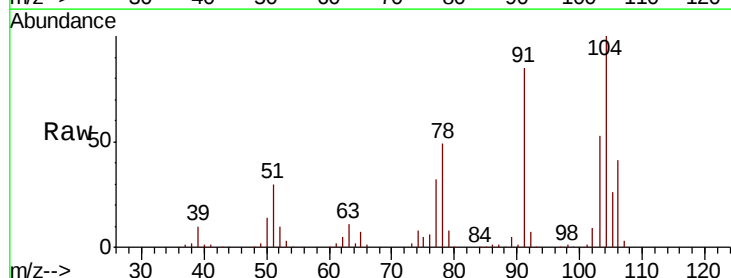
Acq: 21 Dec 2020 12:44

Tgt Ion: 75 Resp: 9349

Ion Ratio Lower Upper

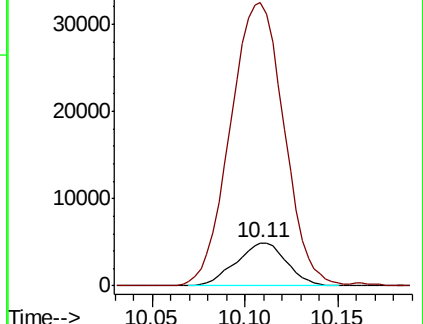
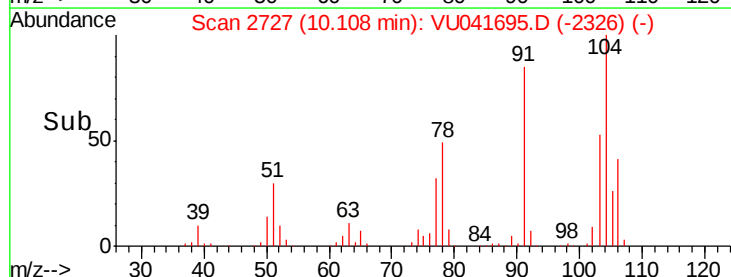
75 100

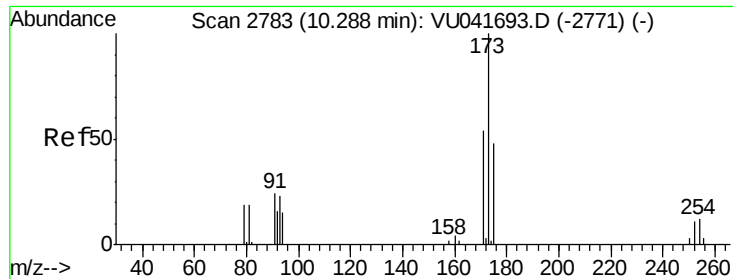
77 697.9 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

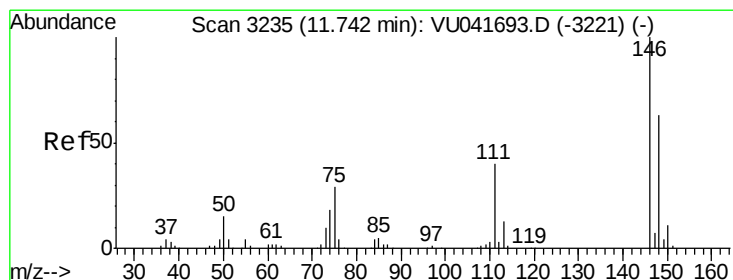
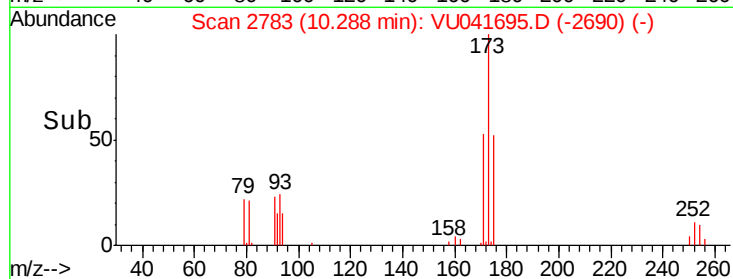
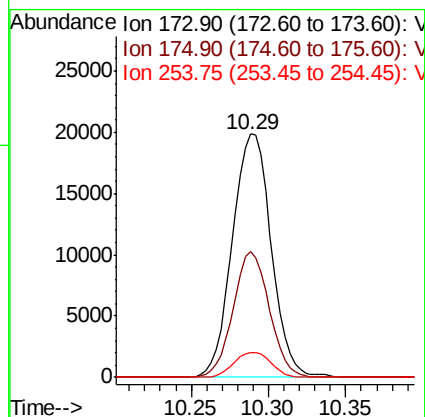
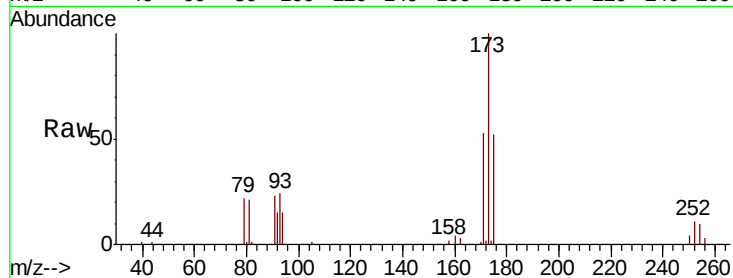




#61
Bromoform
Concen: 6.100 ug/L
RT: 10.29 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

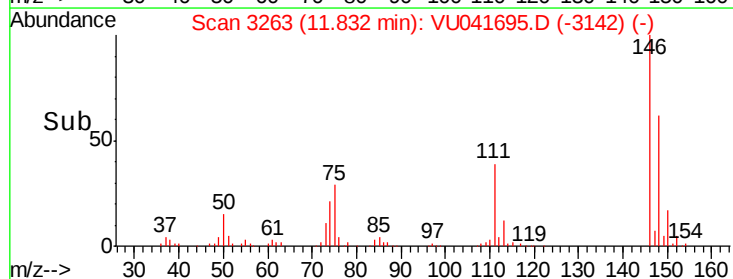
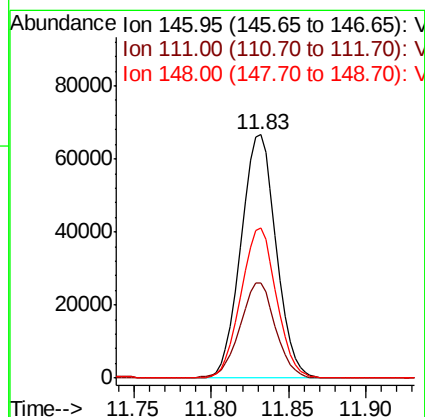
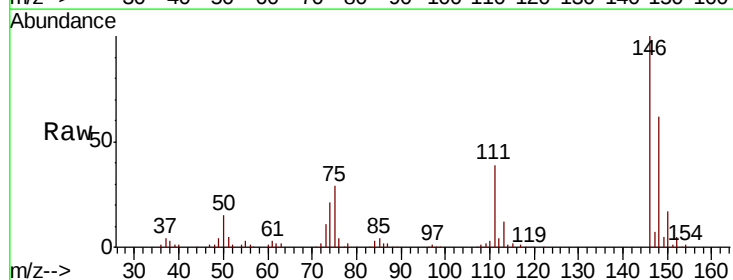
Instrument :
MSVOA_U
ClientSampleId :
GB1T9

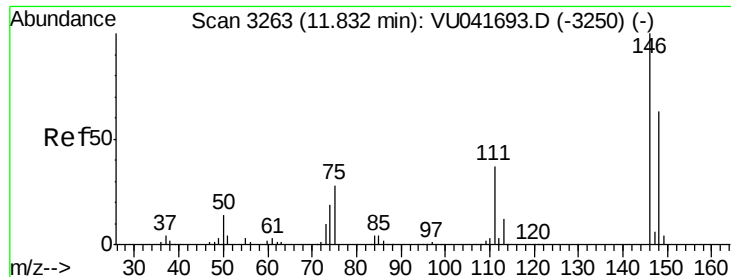
Tot Ion:173 Resp: 34629
Ion Ratio Lower Upper
173 100
175 47.9 37.3 55.9
254 9.8 7.4 11.2



#62
1,3-Dichlorobenzene
Concen: 4.592 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.09 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Tgt Ion:146 Resp: 105456
Ion Ratio Lower Upper
146 100
111 39.1 30.0 55.8
148 61.7 44.9 83.3





#63

1,4-Dichlorobenzene

Concen: 4.567 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

Instrument :

MSVOA_U

ClientSampled :

GB1T9

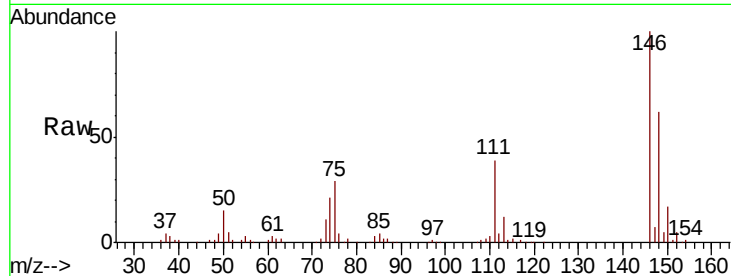
Tot Ion:146 Resp: 105456

Ion Ratio Lower Upper

146 100

111 39.1 27.9 51.9

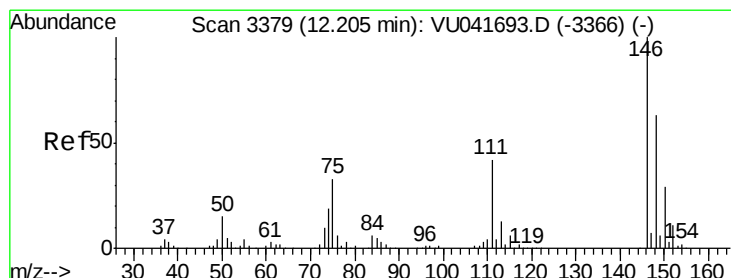
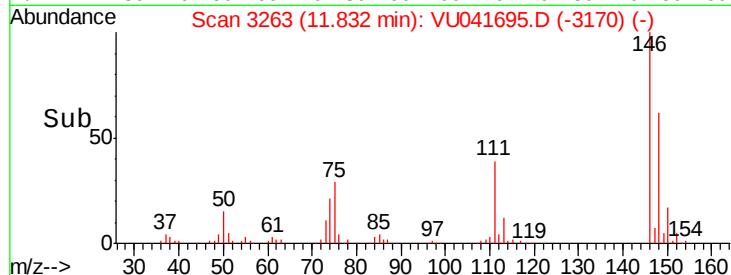
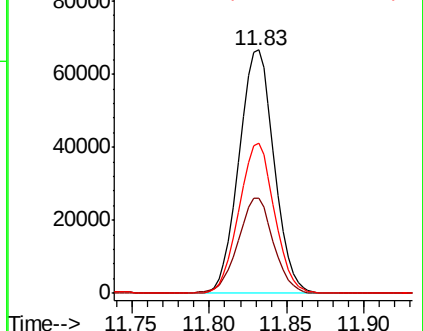
148 61.7 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 12.724 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU041695.D

Acq: 21 Dec 2020 12:44

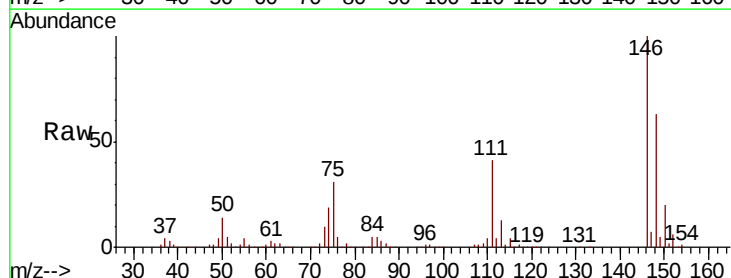
Tgt Ion:146 Resp: 286156

Ion Ratio Lower Upper

146 100

111 41.4 35.0 52.6

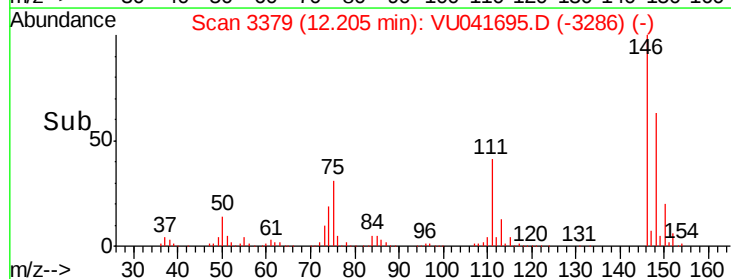
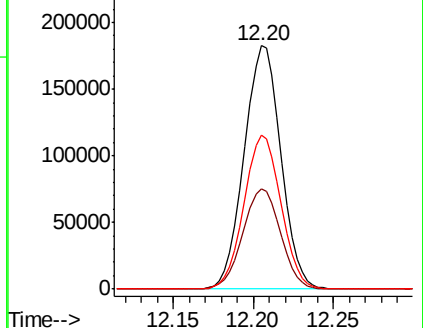
148 63.4 51.0 76.6

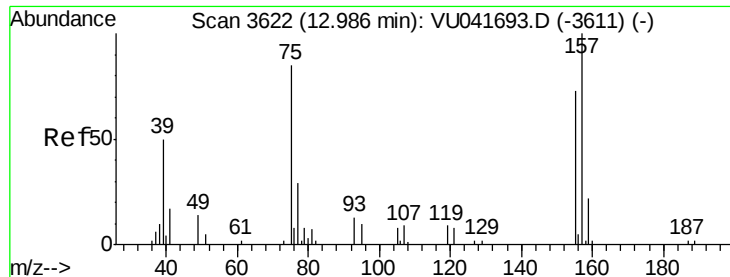


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

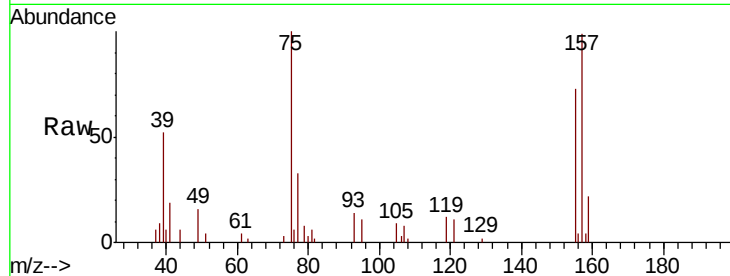




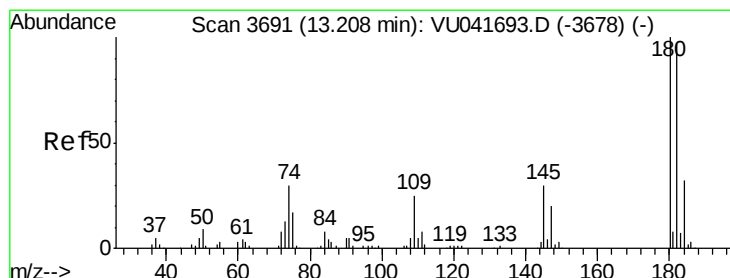
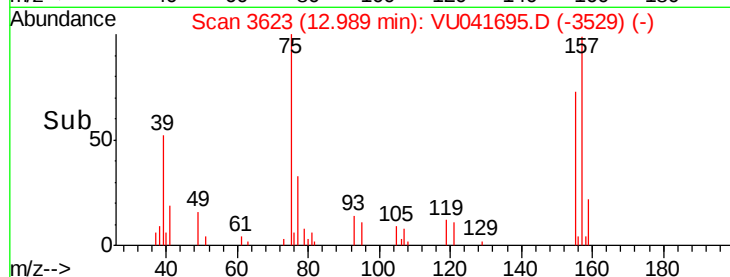
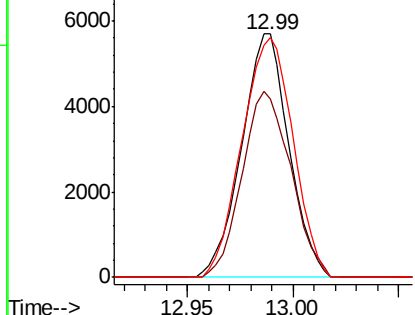
#66
1,2-Dibromo-3-chloropropane
Concen: 4.217 ug/L
RT: 12.99 min Scan# 3623
Delta R.T. 0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Instrument :
MSVOA_U
ClientSampleId :
GB1T9

Tot Ion: 75 Resp: 8893
Ion Ratio Lower Upper
75 100
155 73.3 57.4 86.0
157 98.7 72.4 108.6



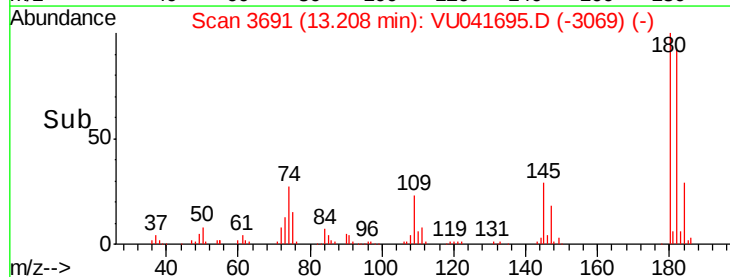
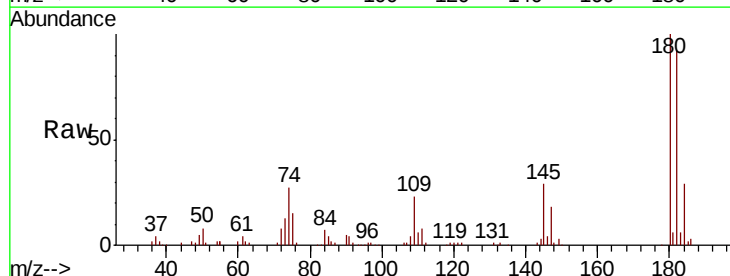
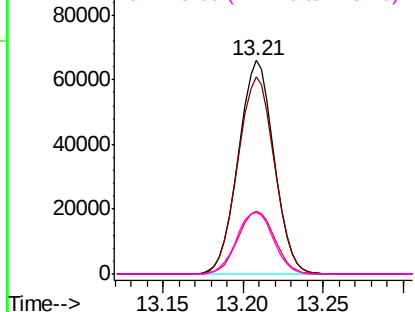
Abundance Ion 75.05 (74.75 to 75.75): VU041695.D (-3611) (-)
Ion 154.95 (154.65 to 155.65): VU041695.D (-3611) (-)
Ion 156.90 (156.60 to 157.60): VU041695.D (-3611) (-)

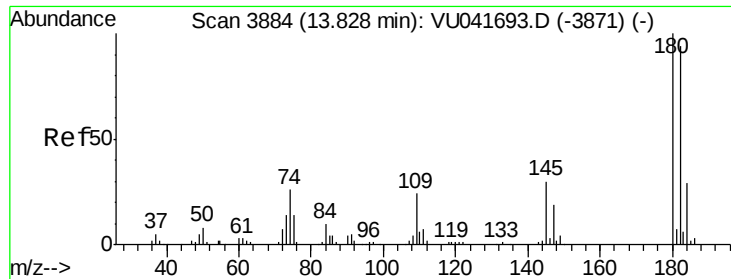


#67
1,3,5-Trichlorobenzene
Concen: 5.726 ug/L
RT: 13.21 min Scan# 3691
Delta R.T. 0.00 min
Lab File: VU041695.D
Acq: 21 Dec 2020 12:44

Tgt Ion:180 Resp: 99825
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
184 30.5 24.1 36.1
145 29.8 24.1 36.1

Abundance Ion 180.00 (179.70 to 180.70): VU041695.D (-3678) (-)
Ion 182.00 (181.70 to 182.70): VU041695.D (-3678) (-)
Ion 184.00 (183.70 to 184.70): VU041695.D (-3678) (-)
Ion 145.00 (144.70 to 145.70): VU041695.D (-3678) (-)

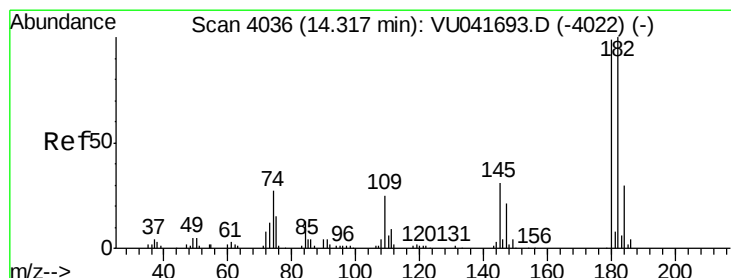
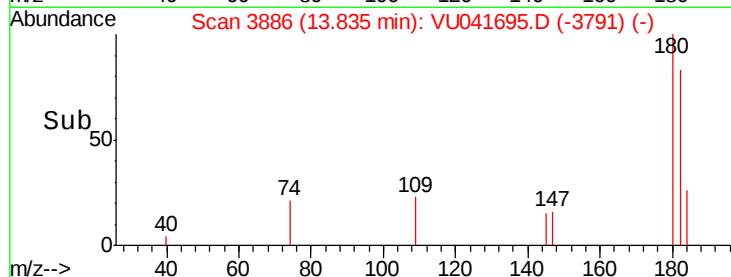
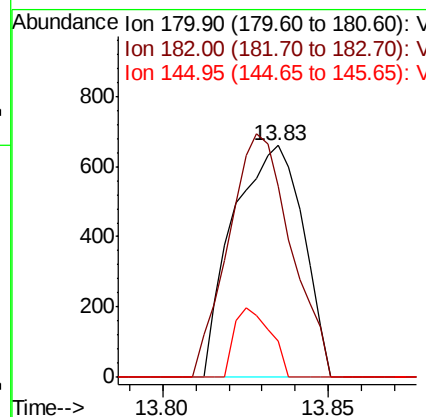
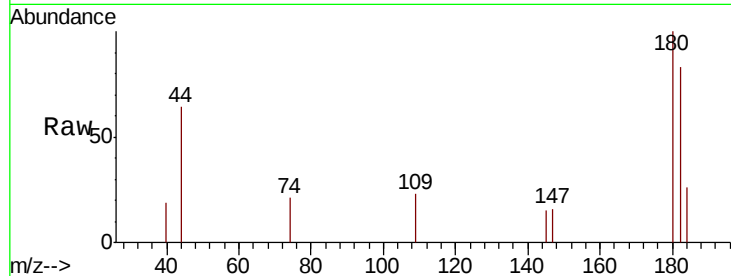




#68
 1,2,4-trichlorobenzene
 Concen: 0.066 ug/L
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.01 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T9

Tot Ion:180 Resp: 967
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.4 113.0
 145 15.4 24.5 36.7#



#70
 1,2,3-Trichlorobenzene
 Concen: 10.386 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU041695.D
 Acq: 21 Dec 2020 12:44

Tgt Ion:180 Resp: 144820
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.0 115.4
 145 32.0 26.4 39.6

