

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041705.D
 Acq On : 21 Dec 2020 17:03
 Operator : SY/MD
 Sample : L5162-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB254

Quant Time: Dec 22 02:52:49 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	143401	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46998	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.92	69	45971	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.58	63	76409	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.66	46	194595	60.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.86%
24) Chloroform-d	5.08	84	101537	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.72	65	55655	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	180434	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.70	67	62859	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.90	98	166563	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.18	79	25462	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	169187	57.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58929	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	57807	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	51551	4.243	ug/L	100
3) Chloromethane	1.53	50	642	0.054	ug/L	87
5) Vinyl chloride	1.61	62	61422	4.713	ug/L	96
8) Chloroethane	1.94	64	134300	15.171	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	115848	11.743	ug/L	97
12) 1,1-Dichloroethene	2.59	96	23860	2.453	ug/L #	79
13) Acetone	2.67	43	329380	160.799	ug/L	95
15) Methyl Acetate	2.97	43	55724	10.464	ug/L	94
16) Methylene chloride	3.06	84	3022	0.260	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	30983	3.079	ug/L	97
19) 1,1-Dichloroethane	3.88	63	41956	2.231	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	47845	4.302	ug/L	100
23) Bromochloromethane	4.99	128	29385	5.752	ug/L	92
25) Chloroform	5.10	83	165344	8.731	ug/L	99
27) 1,2-Dichloroethane	5.81	62	29050	2.265	ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	35769	2.320	ug/L	99
31) Carbon tetrachloride	5.54	117	47238	3.543	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
 Data File : VU041705.D
 Acq On : 21 Dec 2020 17:03
 Operator : SY/MD
 Sample : L5162-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB254

Quant Time: Dec 22 02:52:49 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)

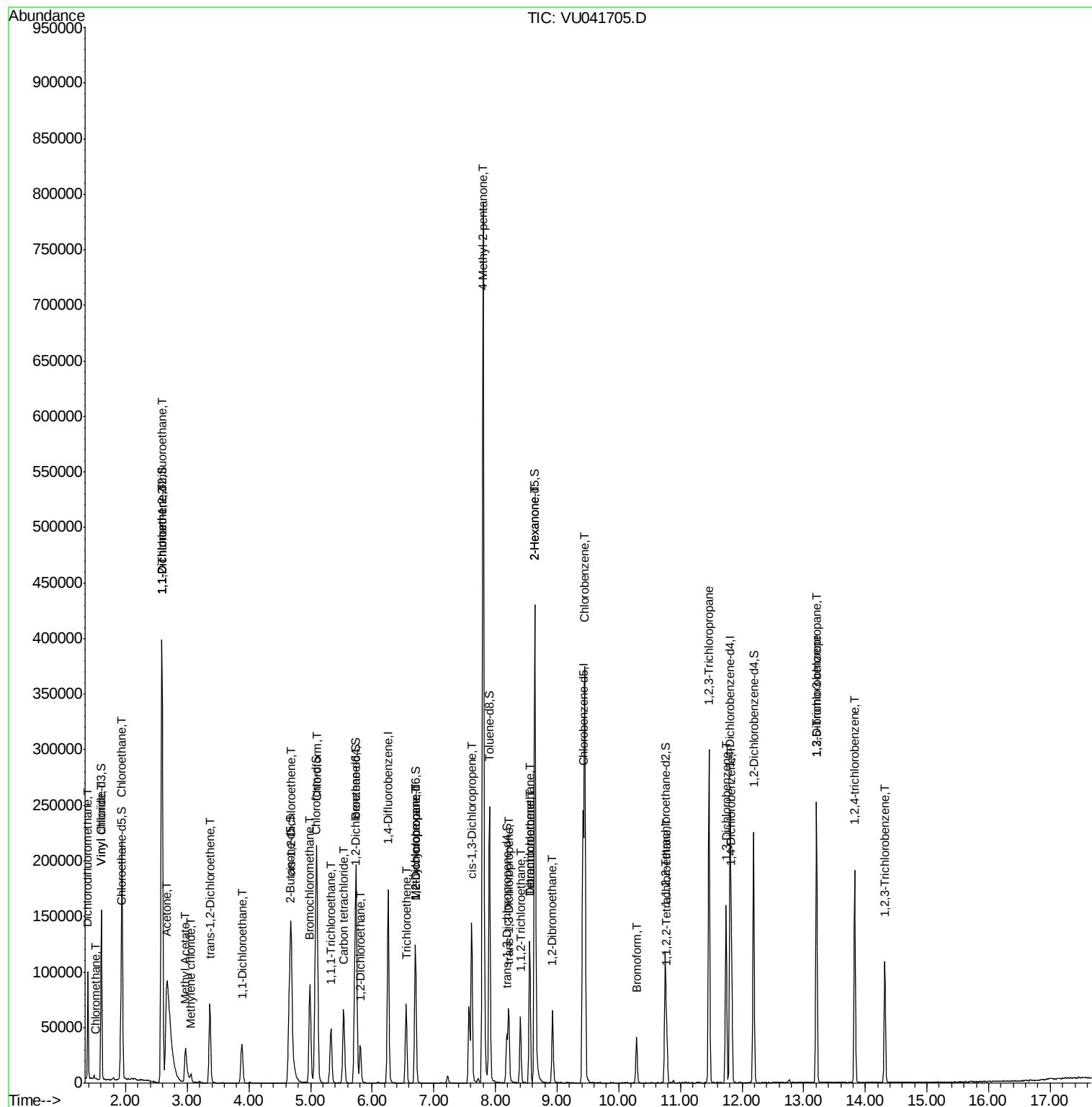
34) Trichloroethene	6.55	95	24602	2.280	ug/L	98
35) Methylcyclohexane	6.70	83	14185	0.813	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6474	0.589	ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	89763	5.515	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	536702	68.666	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	38647	2.655	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	19183	2.361	ug/L	97
47) Tetrachloroethene	8.56	164	27135	3.592	ug/L	96
48) 2-Hexanone	8.64	43	20932	3.680	ug/L #	65
49) Dibromochloromethane	8.56	129	27447	2.942	ug/L #	10
50) 1,2-Dibromoethane	8.92	107	44767	5.571	ug/L	100
51) Chlorobenzene	9.45	112	201377	7.307	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	22224	1.966	ug/L	96
59) 1,2,3-Trichloropropane	11.46	75	1417	0.172	ug/L #	1
61) Bromoform	10.29	173	18311	3.953	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	65236	3.481	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	44073	2.339	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.21	75	13931	8.094	ug/L #	8
67) 1,3,5-Trichlorobenzene	13.21	180	77390	5.440	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	56869	4.764	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	32663	2.871	ug/L	100

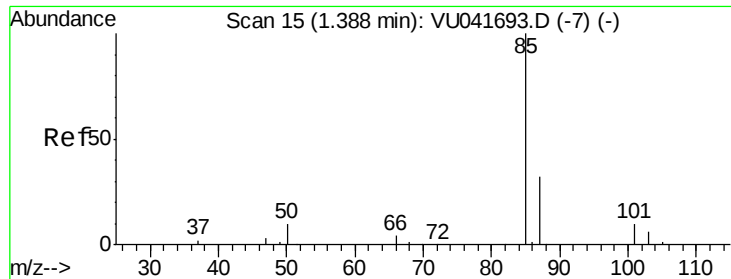
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
Data File : VU041705.D
Acq On : 21 Dec 2020 17:03
Operator : SY/MD
Sample : L5162-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB254

Quant Time: Dec 22 02:52:49 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





#2

Dichlorodifluoromethane

Concen: 4.243 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

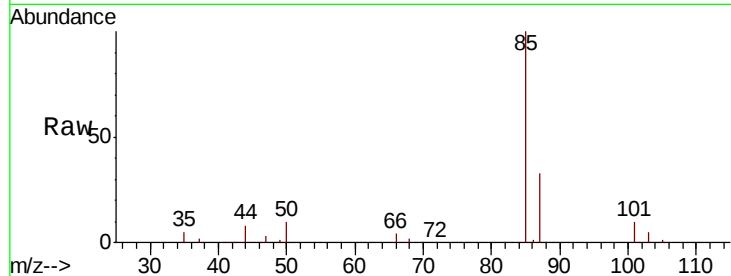
GB254

Tot Ion: 85 Resp: 51551

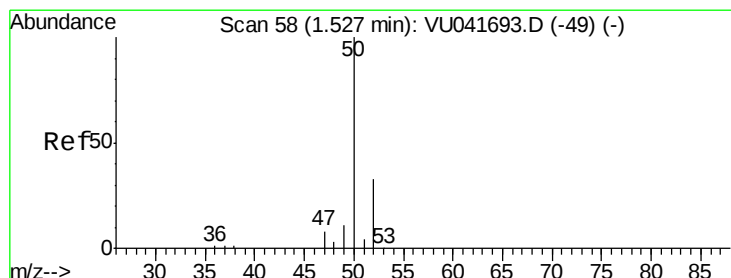
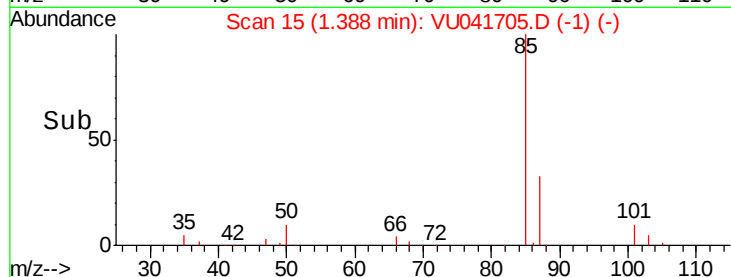
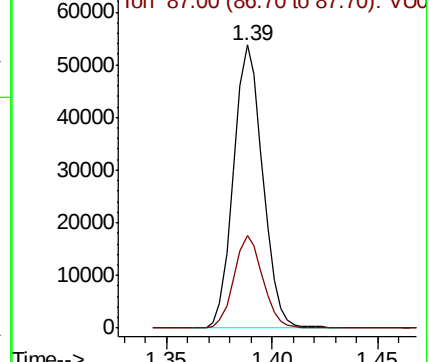
Ion Ratio Lower Upper

85 100

87 32.3 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU041693.D (-7) (-)



#3

Chloromethane

Concen: 0.054 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041705.D

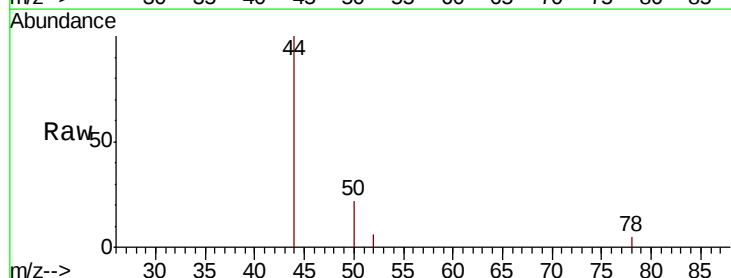
Acq: 21 Dec 2020 17:03

Tgt Ion: 50 Resp: 642

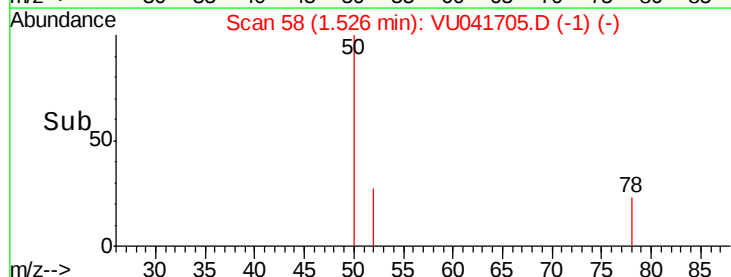
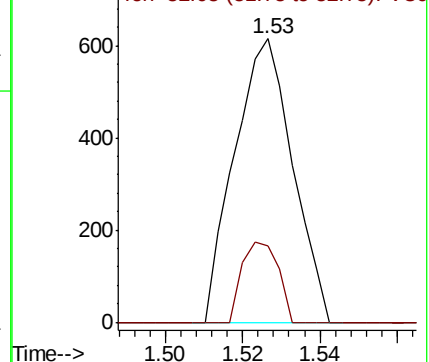
Ion Ratio Lower Upper

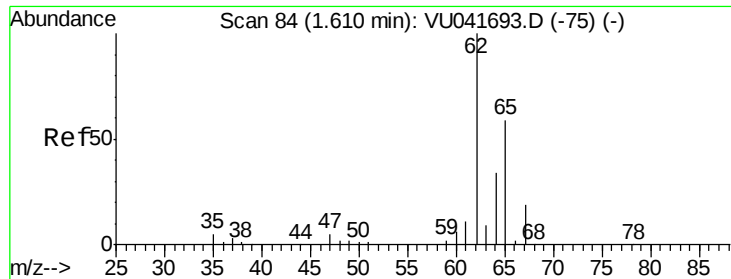
50 100

52 27.0 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041693.D (-49) (-)





#5

Vinyl chloride

Concen: 4.713 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

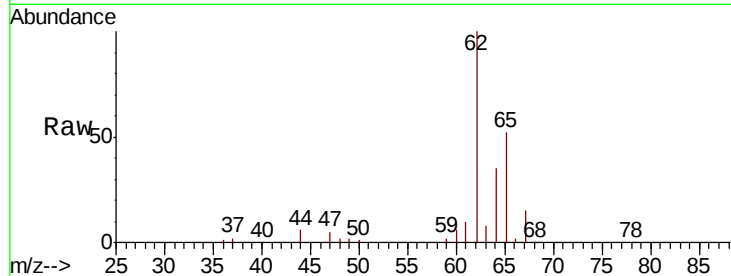
GB254

Tot Ion: 62 Resp: 61422

Ion Ratio Lower Upper

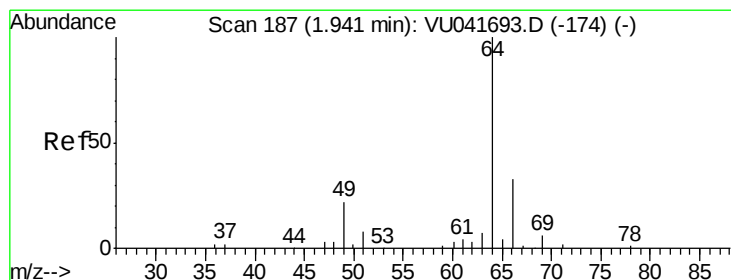
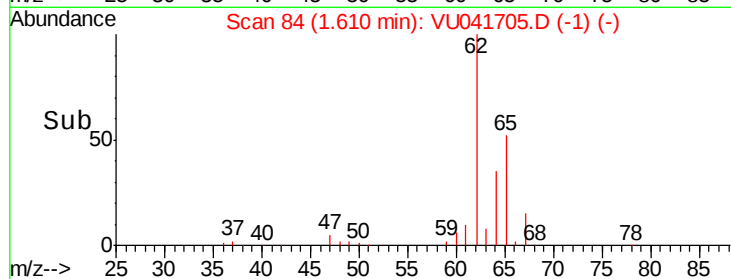
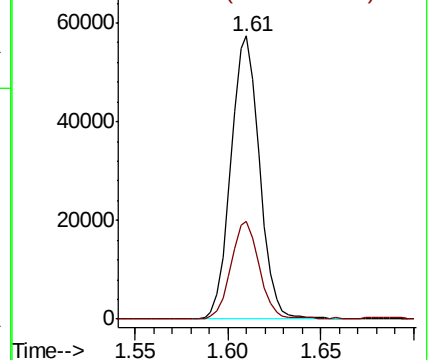
62 100

64 34.5 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 15.171 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU041705.D

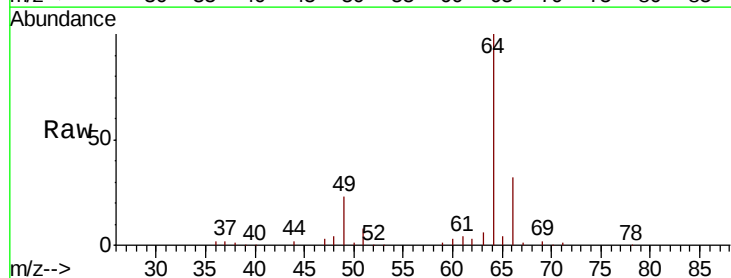
Acq: 21 Dec 2020 17:03

Tgt Ion: 64 Resp: 134300

Ion Ratio Lower Upper

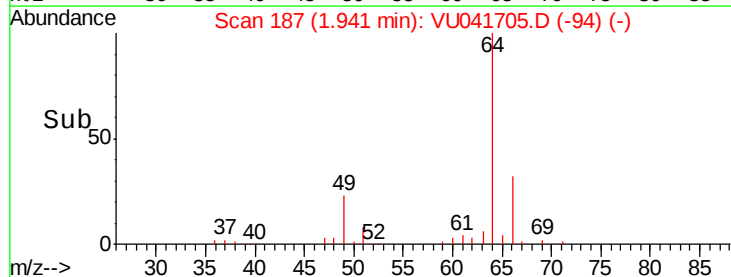
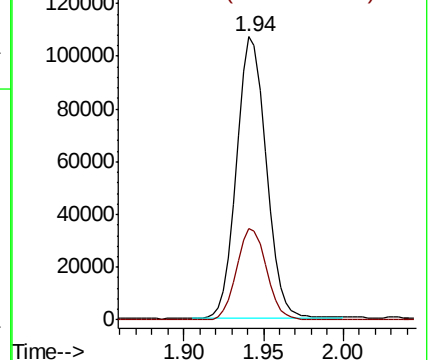
64 100

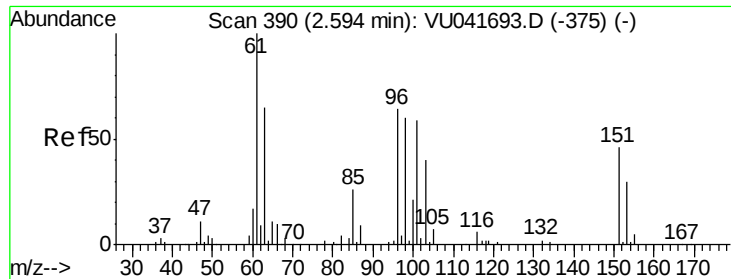
66 32.1 21.6 40.0



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 11.743 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

GB254

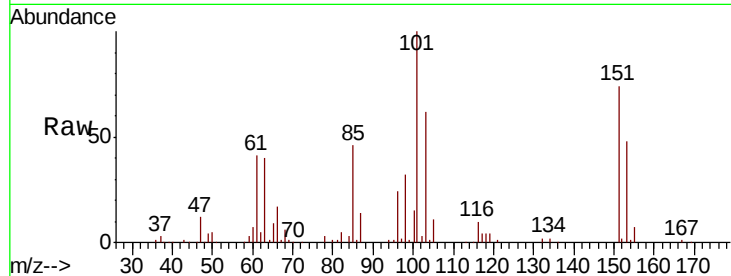
Tot Ion:101 Resp: 115848

Ion Ratio Lower Upper

101 100

85 44.0 33.6 50.4

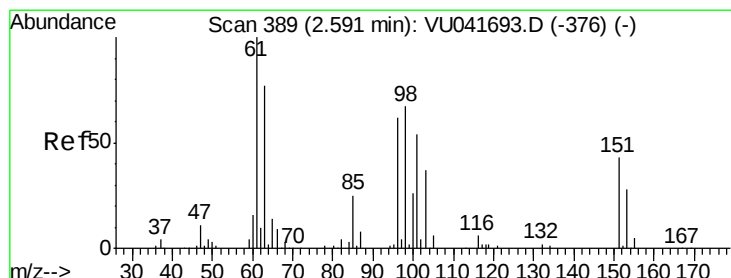
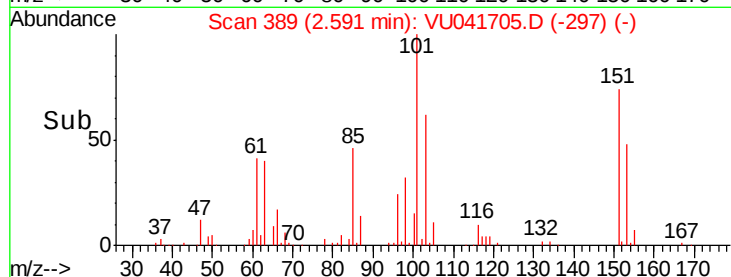
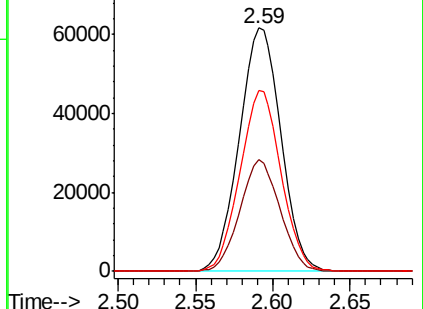
151 73.2 56.2 84.4



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: 2.453 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

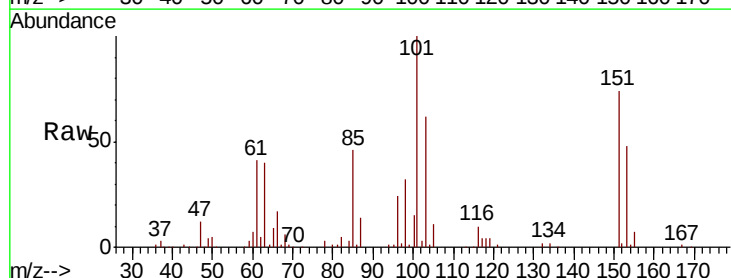
Tgt Ion: 96 Resp: 23860

Ion Ratio Lower Upper

96 100

61 172.4 123.8 230.0

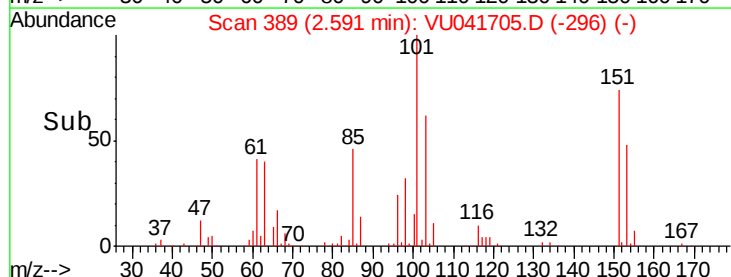
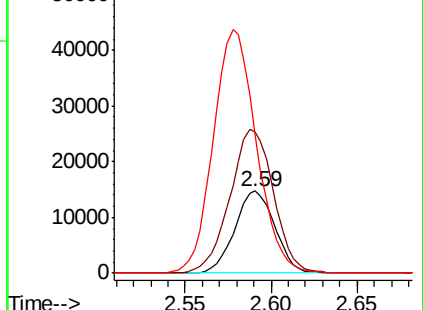
63 169.2 81.0 150.4#

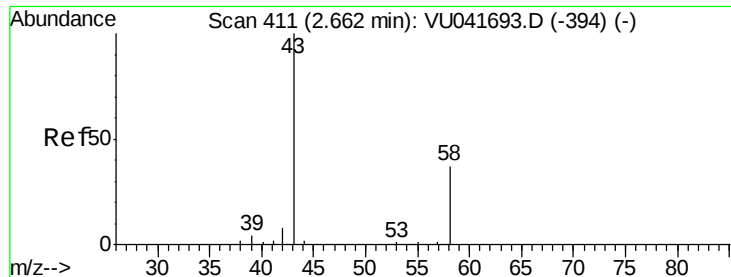


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 160.799 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

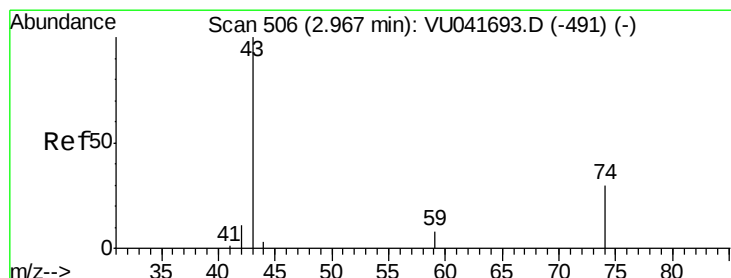
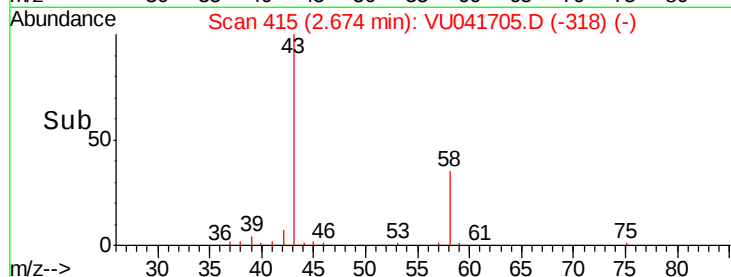
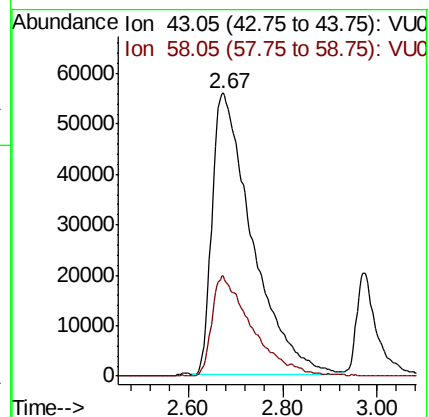
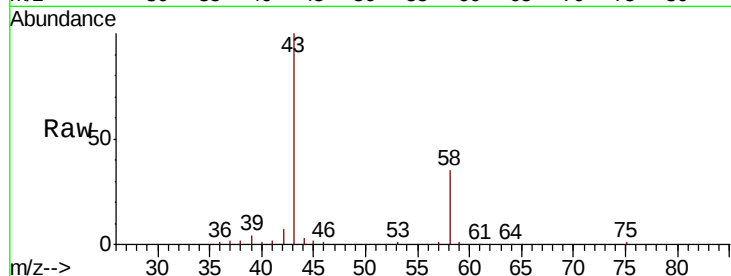
GB254

Tot Ion: 43 Resp: 329380

Ion Ratio Lower Upper

43 100

58 33.6 0.0 73.2



#15

Methyl Acetate

Concen: 10.464 ug/L

RT: 2.97 min Scan# 507

Delta R.T. 0.00 min

Lab File: VU041705.D

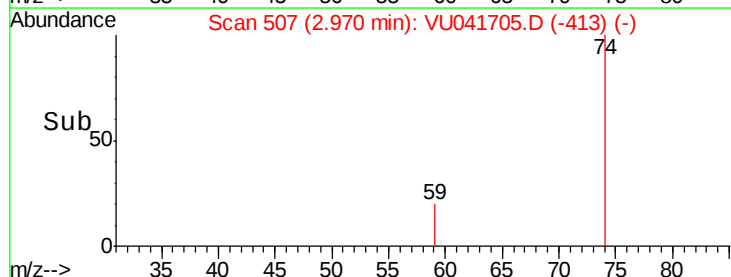
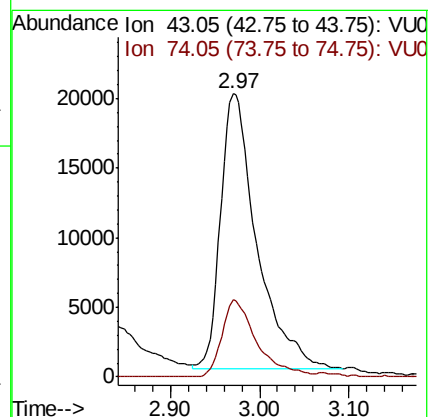
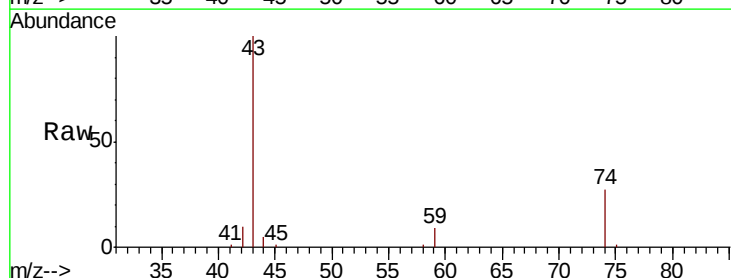
Acq: 21 Dec 2020 17:03

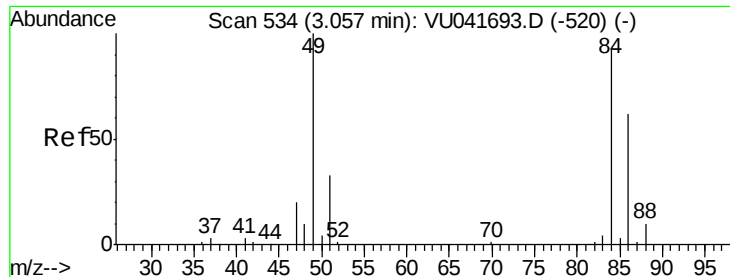
Tgt Ion: 43 Resp: 55724

Ion Ratio Lower Upper

43 100

74 27.1 19.2 28.8

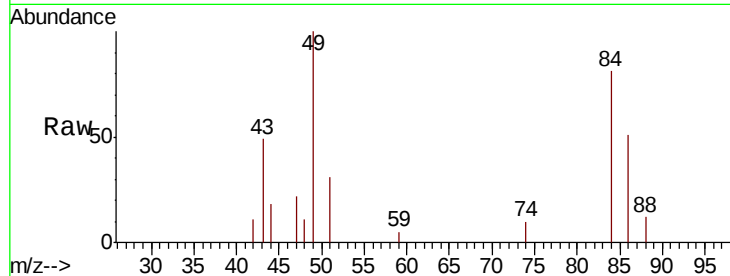




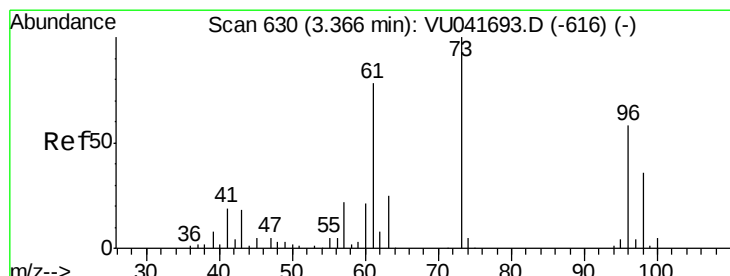
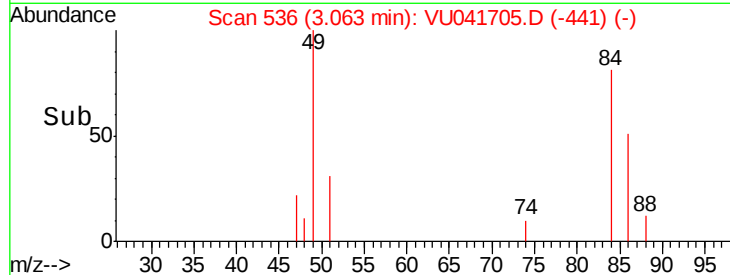
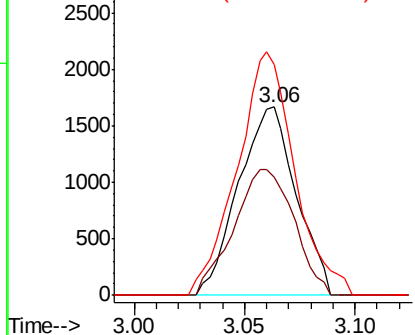
#16
Methylene chloride
Concen: 0.260 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Instrument :
MSVOA_U
ClientSampleId :
GB254

Tot Ion: 84 Resp: 3022
Ion Ratio Lower Upper
84 100
86 62.5 45.1 83.7
49 122.7 83.1 154.3

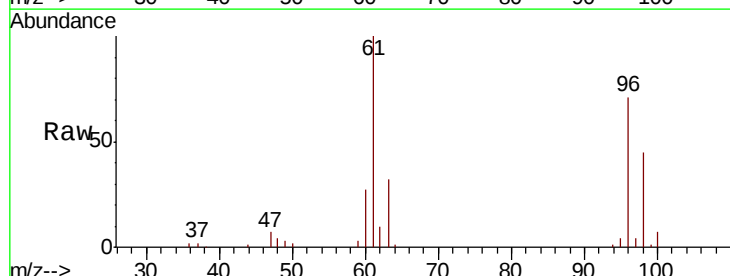


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

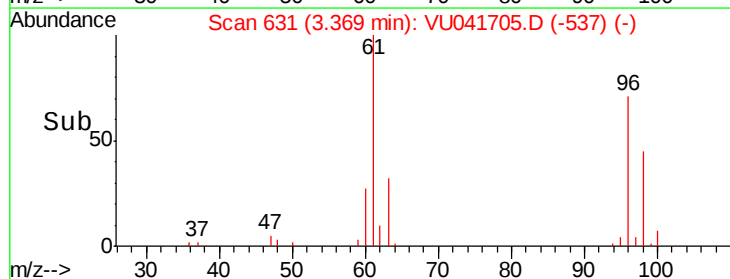
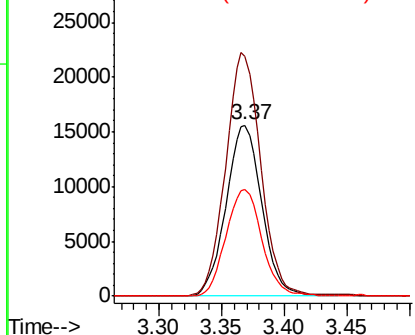


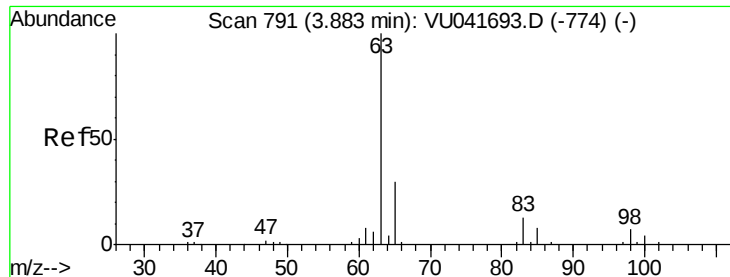
#18
trans-1,2-Dichloroethene
Concen: 3.079 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Tgt Ion: 96 Resp: 30983
Ion Ratio Lower Upper
96 100
61 140.6 101.8 189.0
98 62.6 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

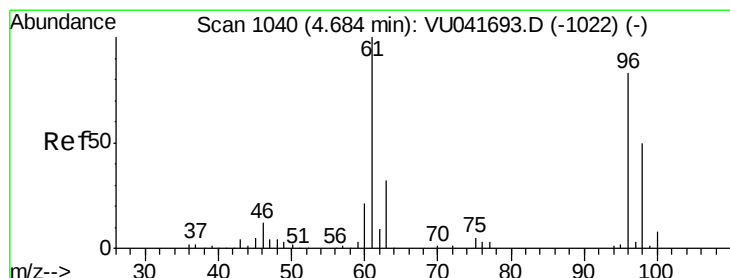
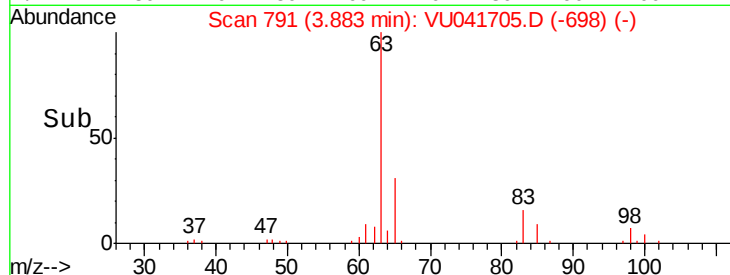
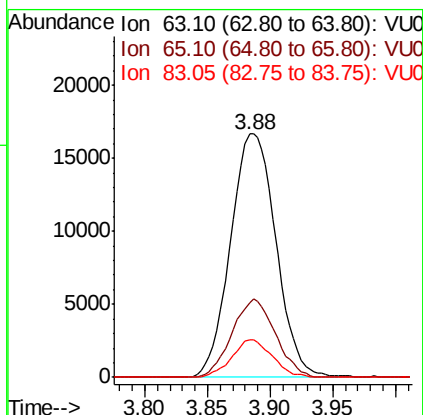
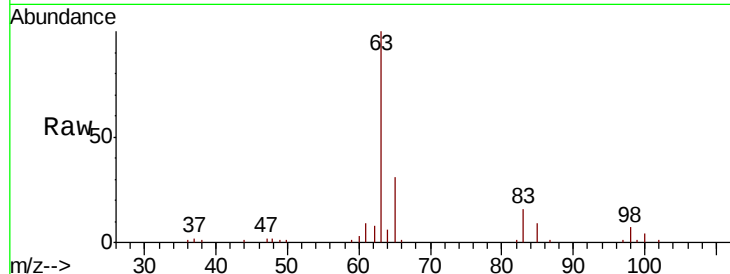




#19
 1,1-Dichloroethane
 Concen: 2.231 ug/L
 RT: 3.88 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

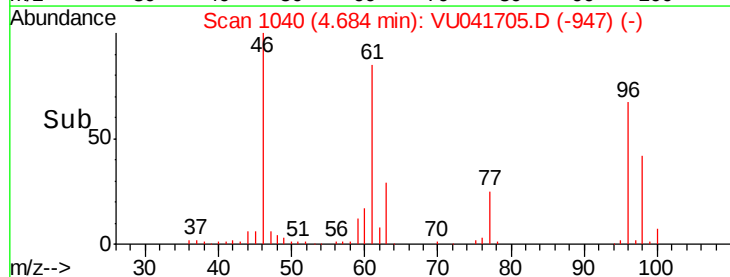
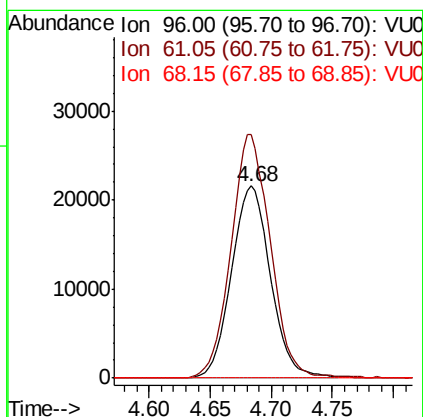
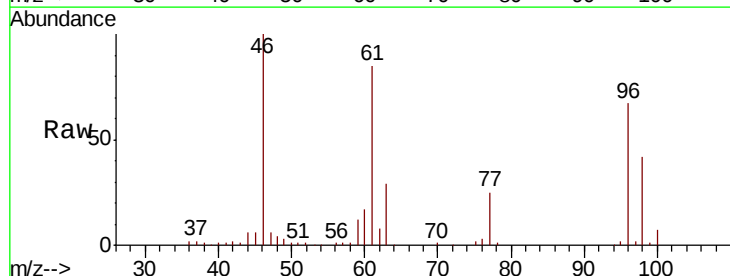
Instrument :
 MSVOA_U
 ClientSampled :
 GB254

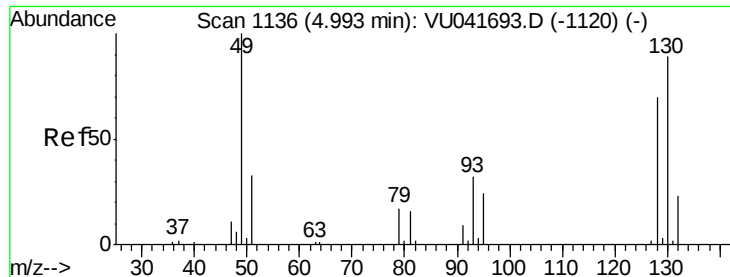
Tot Ion: 63 Resp: 41956
 Ion Ratio Lower Upper
 63 100
 65 30.7 21.3 39.6
 83 15.7 9.3 17.3



#22
 cis-1,2-Dichloroethene
 Concen: 4.302 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

Tgt Ion: 96 Resp: 47845
 Ion Ratio Lower Upper
 96 100
 61 126.7 88.8 165.0
 68 0.0 0.0 0.0

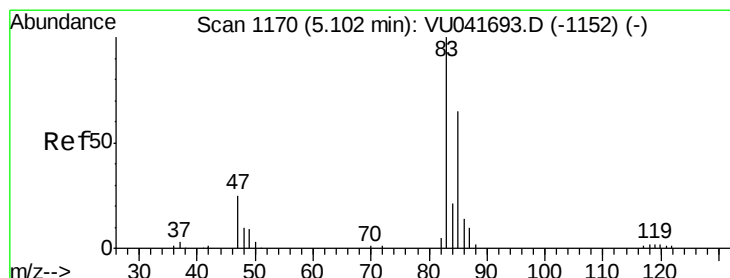
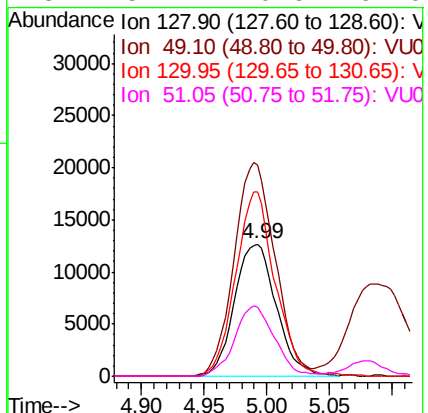
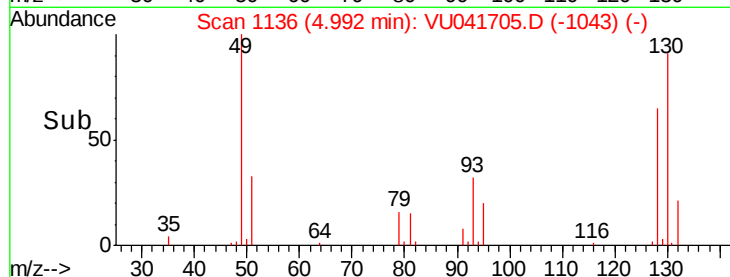
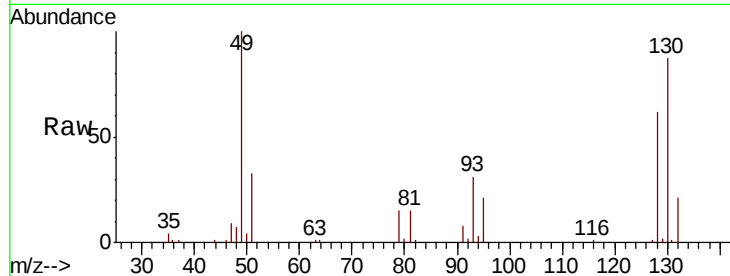




#23
Bromochloromethane
Concen: 5.752 ug/L
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

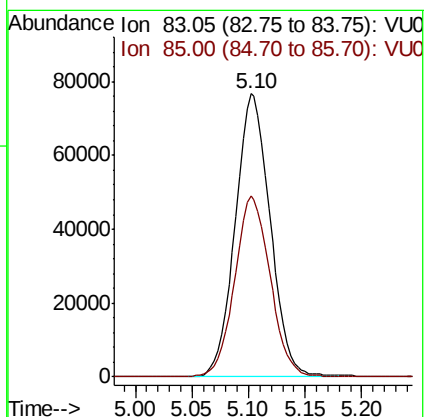
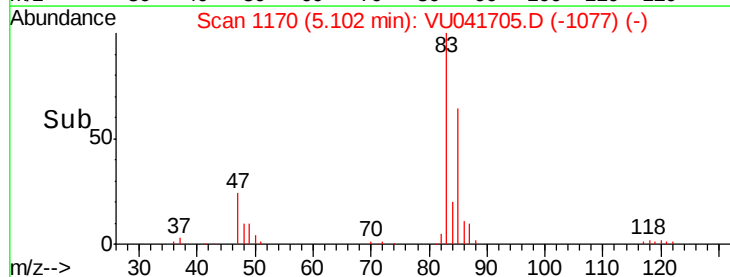
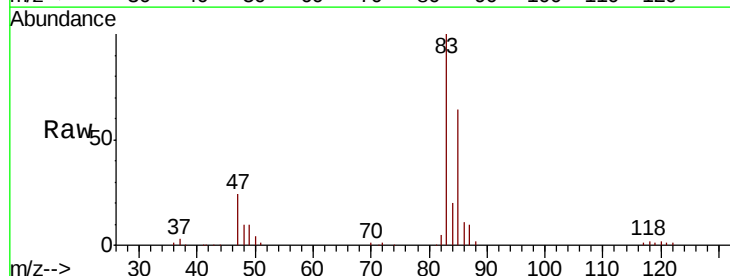
Instrument :
MSVOA_U
ClientSampleId :
GB254

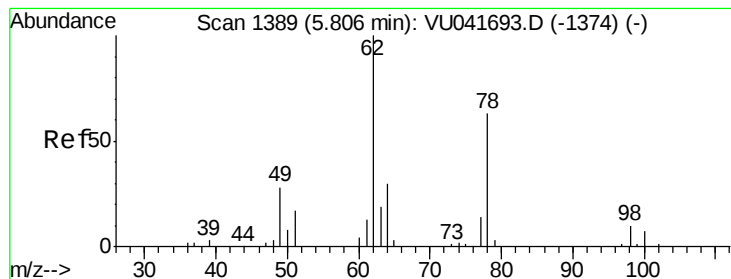
Tot Ion:128 Resp: 29385
Ion Ratio Lower Upper
128 100
49 160.1 109.3 203.1
130 140.0 84.8 157.6
51 52.1 40.6 61.0



#25
Chloroform
Concen: 8.731 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Tgt Ion: 83 Resp: 165344
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.0





#27

1,2-Dichloroethane

Concen: 2.265 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

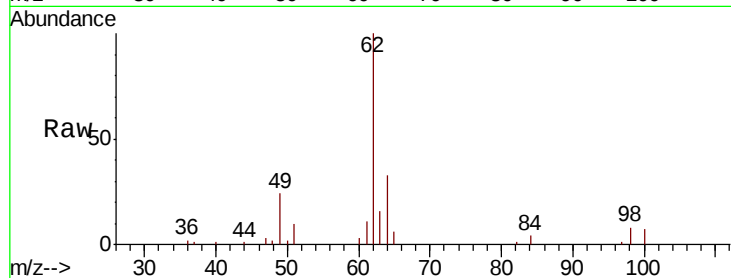
GB254

Tot Ion: 62 Resp: 29050

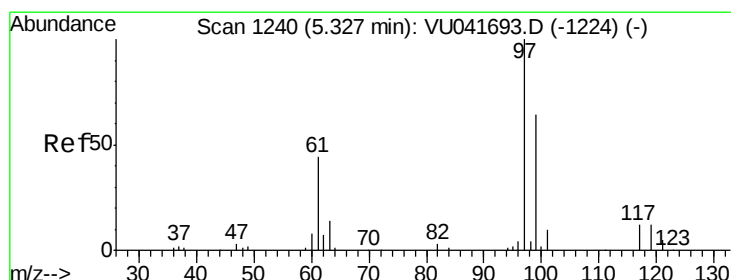
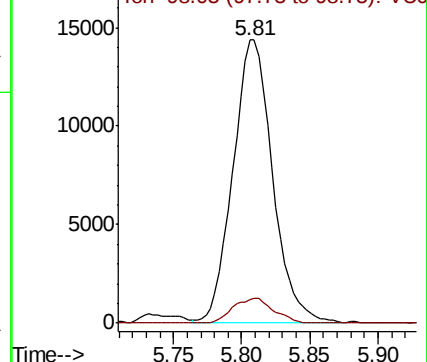
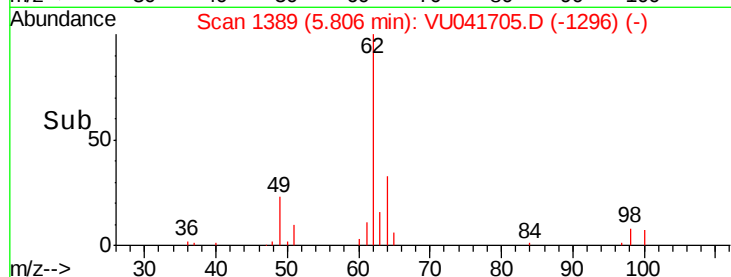
Ion Ratio Lower Upper

62 100

98 8.1 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU041705.D (-1296) (-)



#29

1,1,1-Trichloroethane

Concen: 2.320 ug/L

RT: 5.33 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

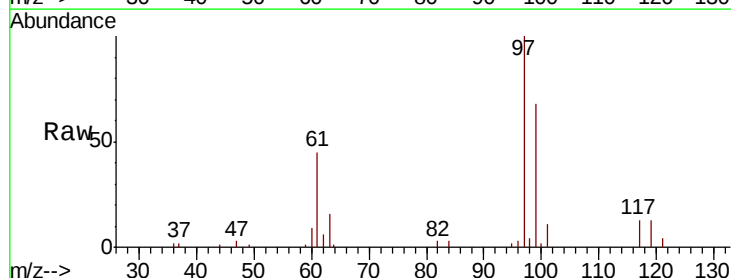
Tgt Ion: 97 Resp: 35769

Ion Ratio Lower Upper

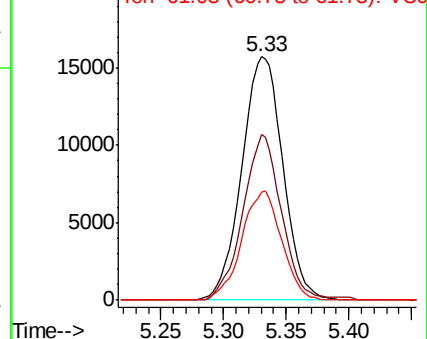
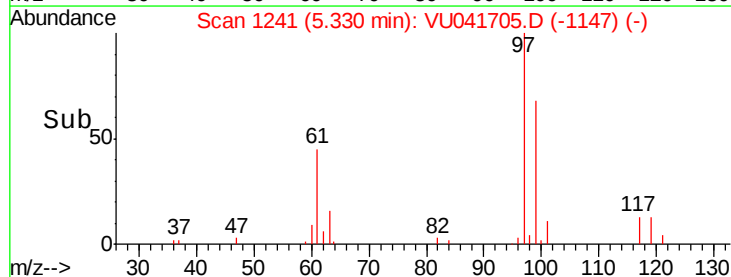
97 100

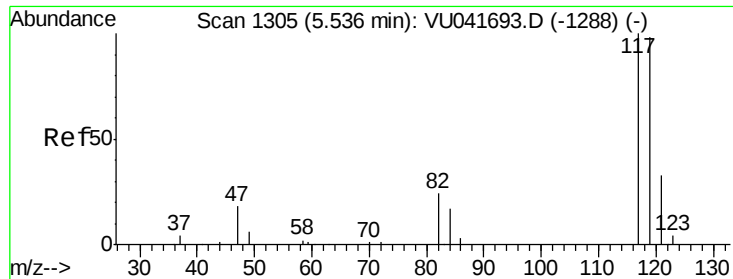
99 64.0 51.3 76.9

61 43.5 36.5 54.7



Abundance Ion 96.95 (96.65 to 97.65): VU041705.D (-1147) (-)





#31

Carbon tetrachloride

Concen: 3.543 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

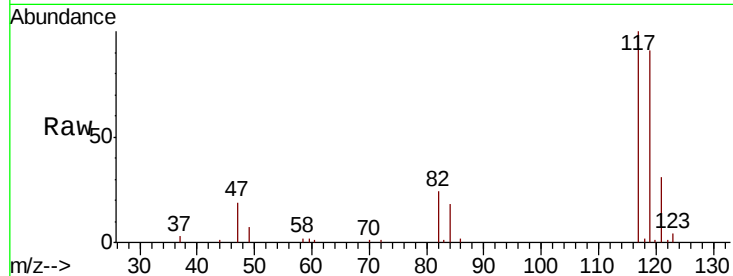
GB254

Tot Ion:117 Resp: 47238

Ion Ratio Lower Upper

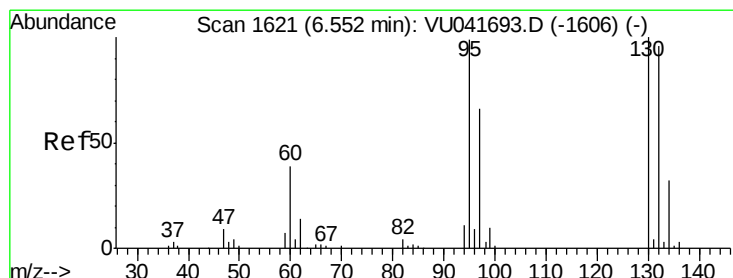
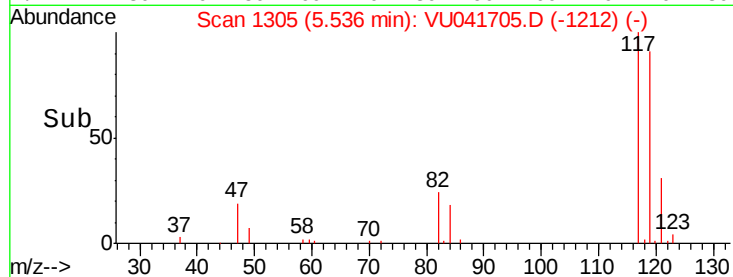
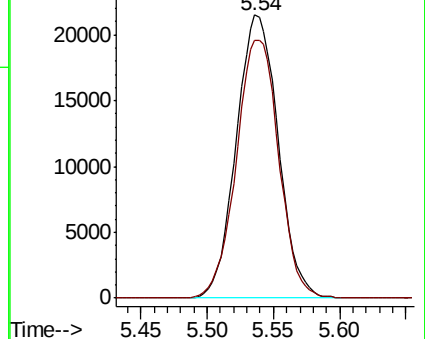
117 100

119 92.3 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: 2.280 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Tgt Ion: 95 Resp: 24602

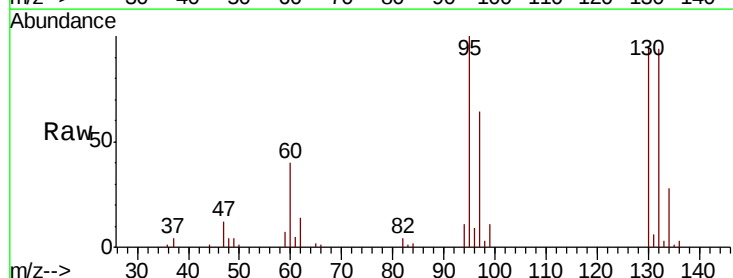
Ion Ratio Lower Upper

95 100

97 63.5 43.9 81.5

132 93.9 63.1 117.3

130 95.2 67.4 125.2

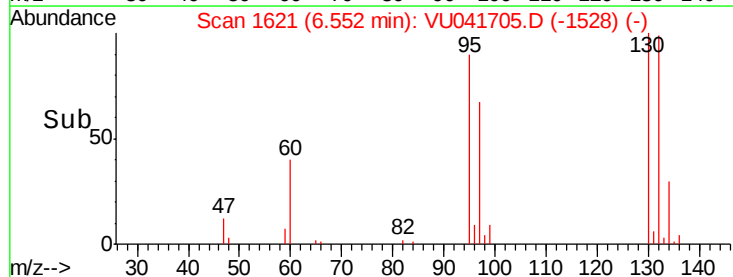
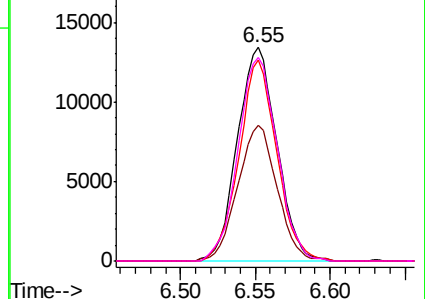


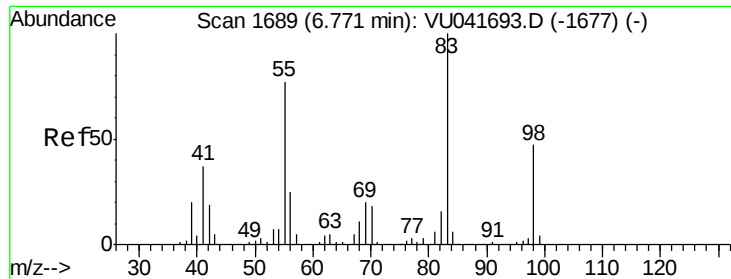
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

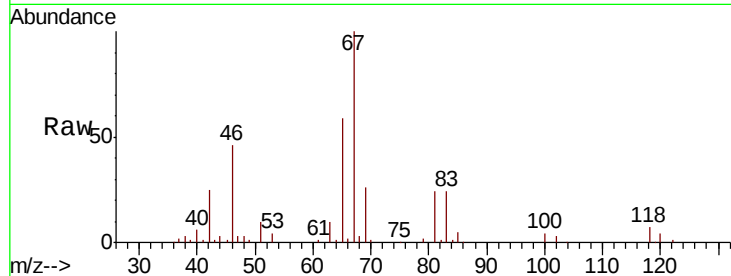




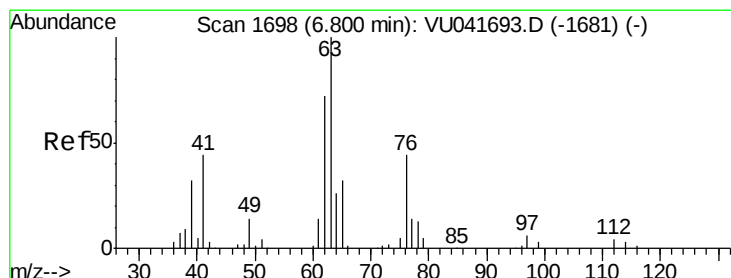
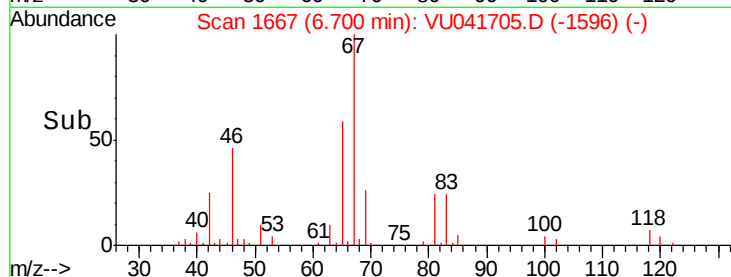
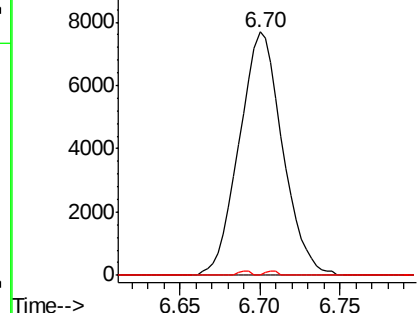
#35
Methvlcvclohexane
Concen: 0.813 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Instrument :
MSVOA_U
ClientSampleId :
GB254

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

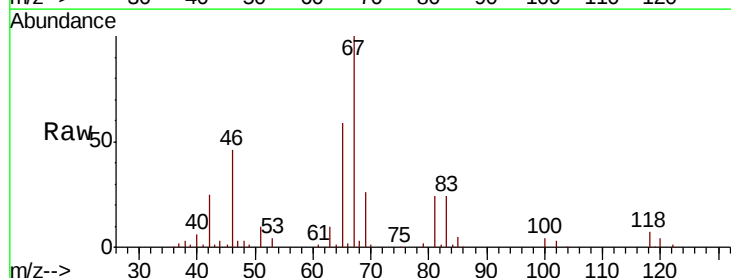


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

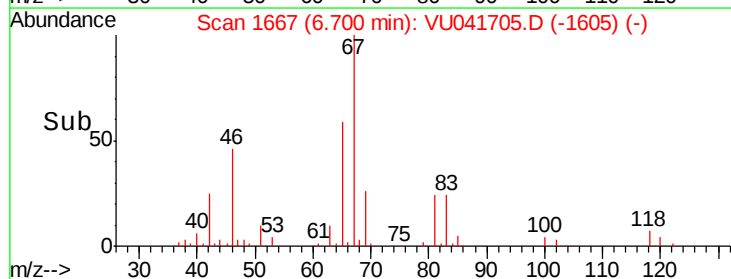
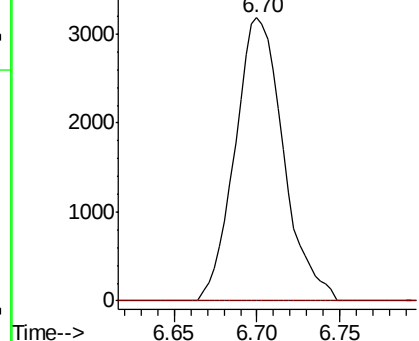


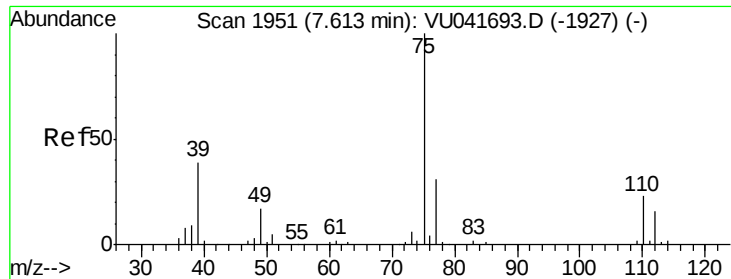
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Tgt 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

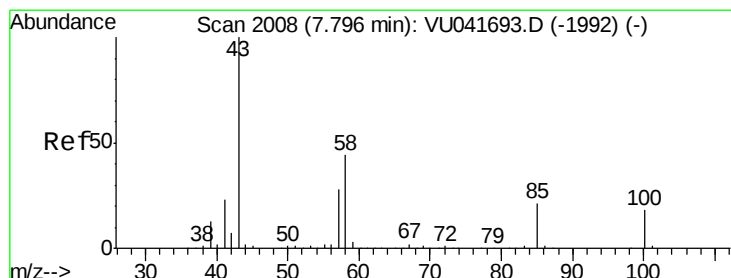
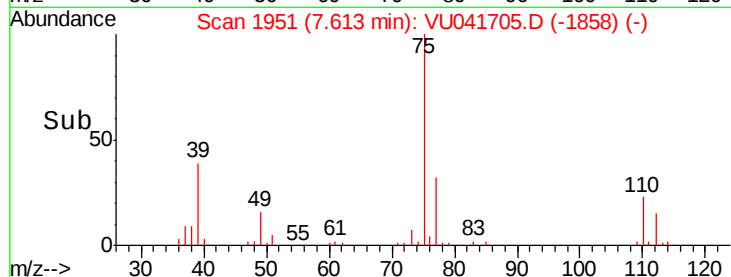
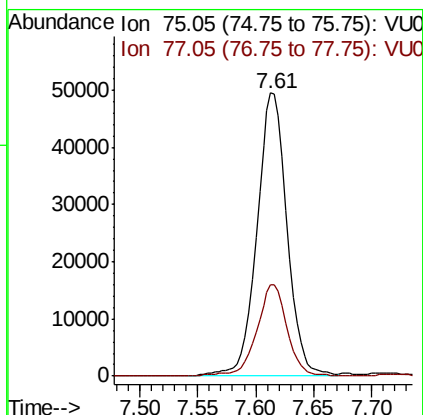
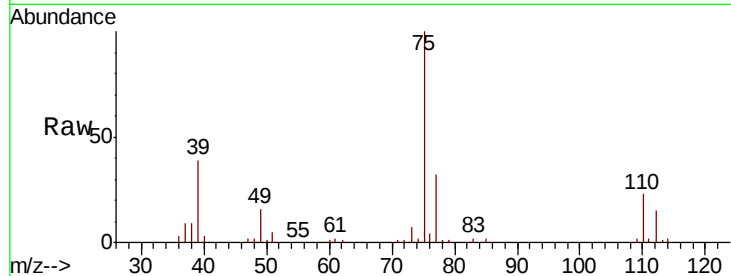




#39
 cis-1,3-Dichloropropene
 Concen: 5.515 ug/L
 RT: 7.61 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

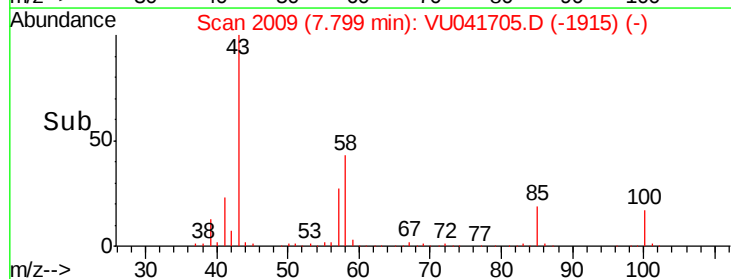
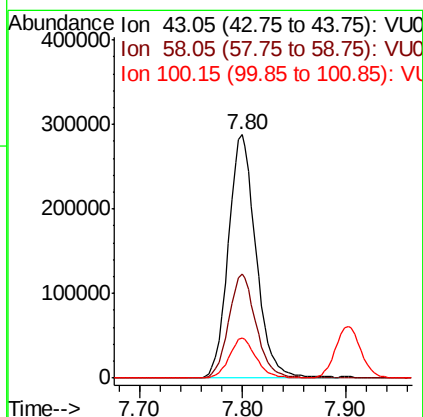
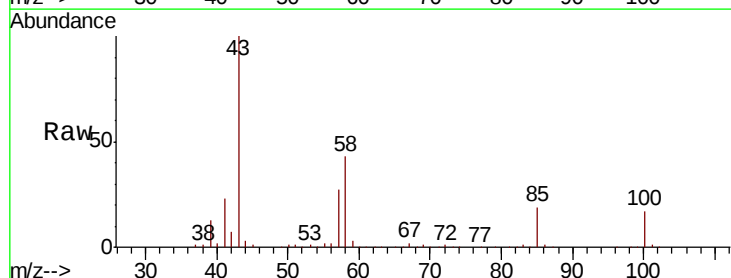
Instrument :
 MSVOA_U
 ClientSampled :
 GB254

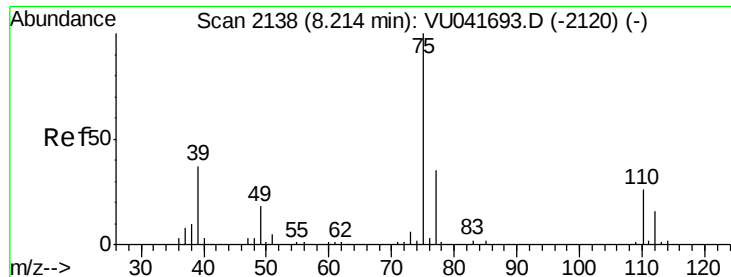
Tot Ion: 75 Resp: 89763
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 68.666 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

Tgt Ion: 43 Resp: 536702
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.2 51.2
 100 16.0 12.3 18.5

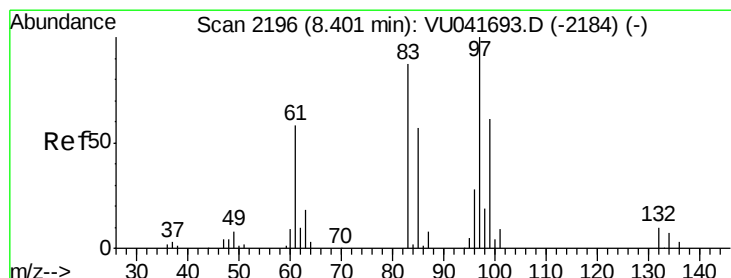
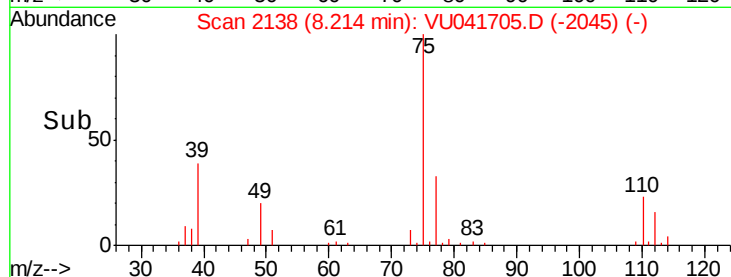
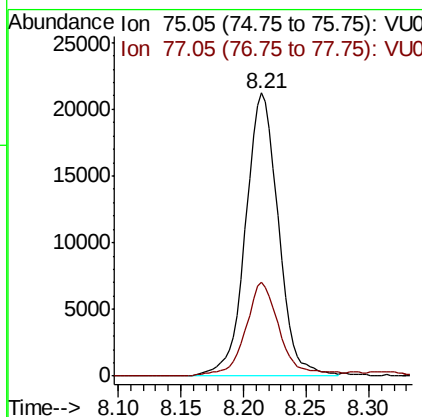
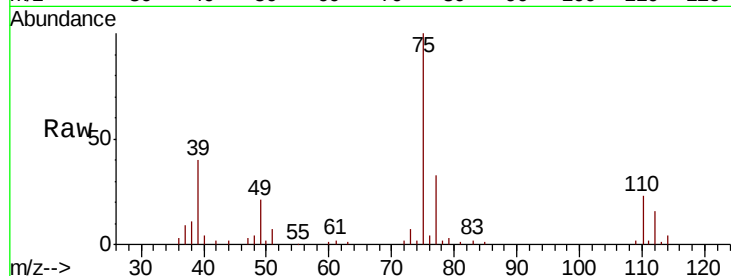




#44
trans-1,3-Dichloropropene
Concen: 2.655 ug/L
RT: 8.21 min Scan# 2138
Delta R.T. -0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

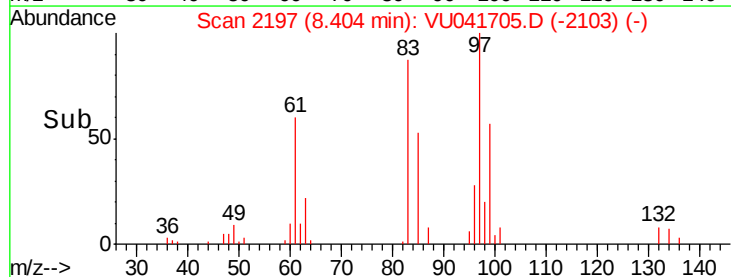
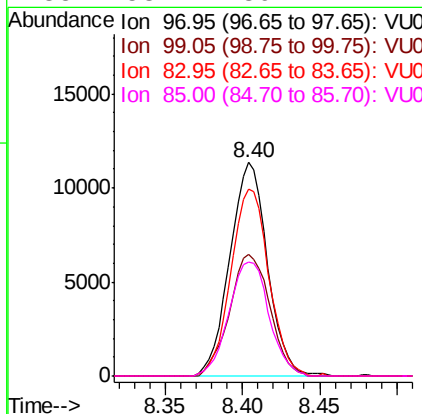
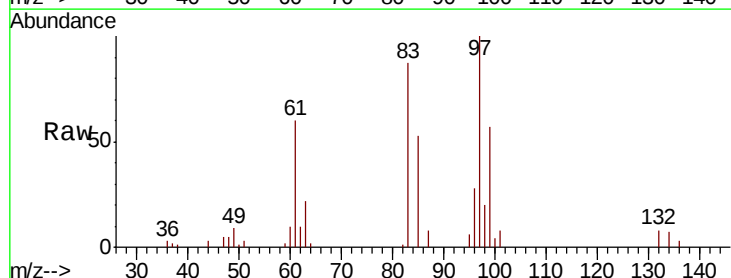
Instrument :
MSVOA_U
ClientSampleId :
GB254

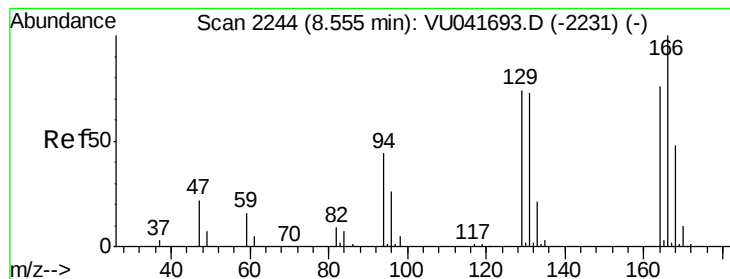
Tot Ion: 75 Resp: 38647
Ion Ratio Lower Upper
75 100
77 33.0 23.8 44.2



#45
1,1,2-Trichloroethane
Concen: 2.361 ug/L
RT: 8.40 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Tgt Ion: 97 Resp: 19183
Ion Ratio Lower Upper
97 100
99 57.0 42.1 78.3
83 87.5 62.6 116.2
85 53.2 39.1 72.7





#47

Tetrachloroethene

Concen: 3.592 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :
MSVOA_U
ClientSampleId :
GB254

Tot Ion:164 Resp: 27135

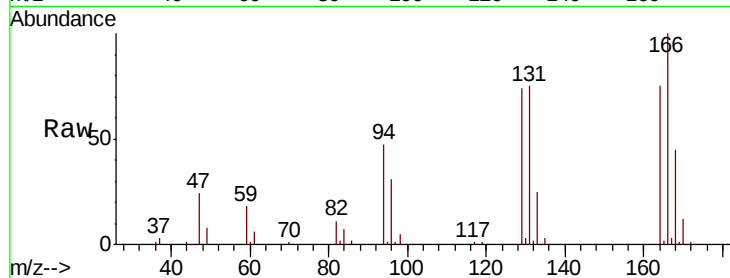
Ion Ratio Lower Upper

164 100

129 98.6 72.2 134.0

131 99.3 66.9 124.3

166 133.2 89.6 166.4

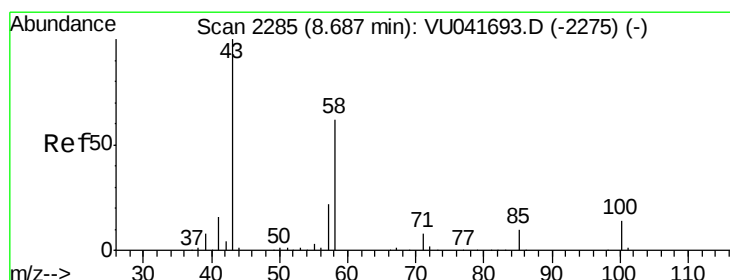
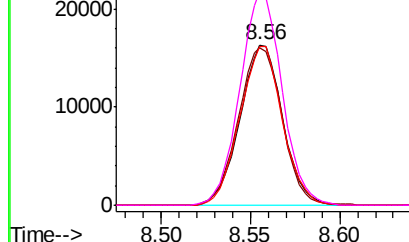
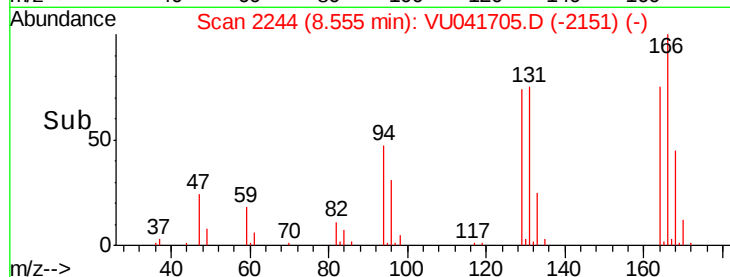


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.680 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Tgt Ion: 43 Resp: 20932

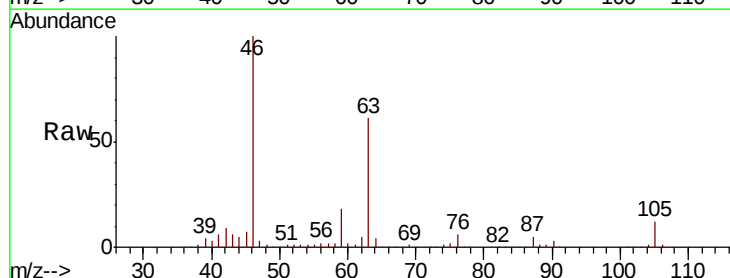
Ion Ratio Lower Upper

43 100

58 25.7 47.9 71.9#

57 24.8 16.5 24.7#

100 0.3 9.4 14.2#

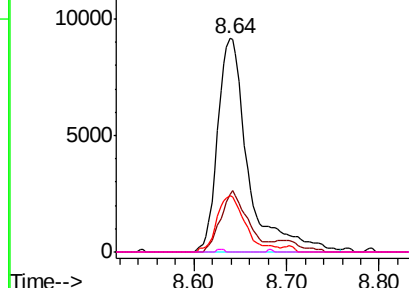
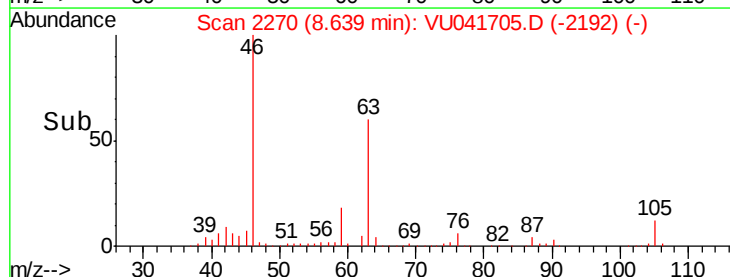


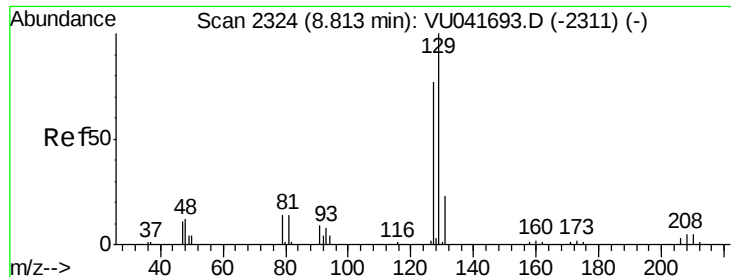
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

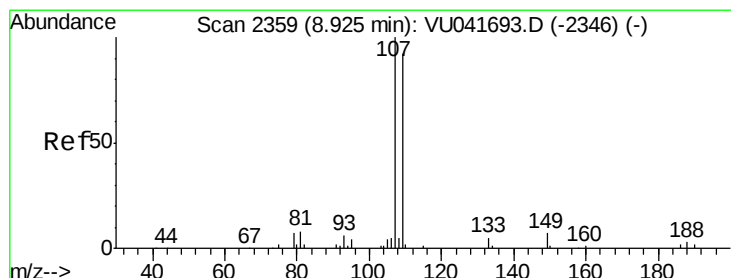
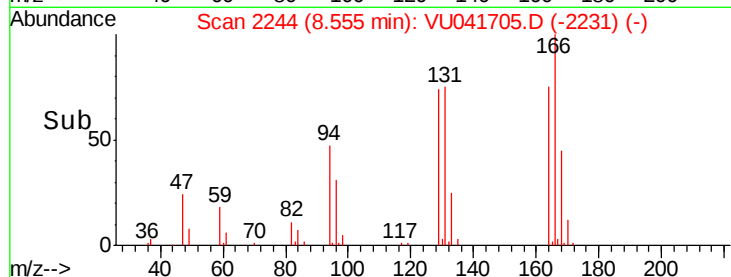
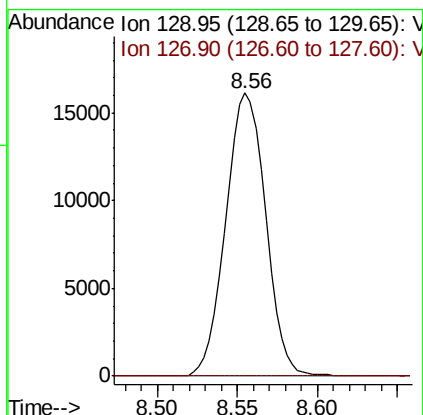
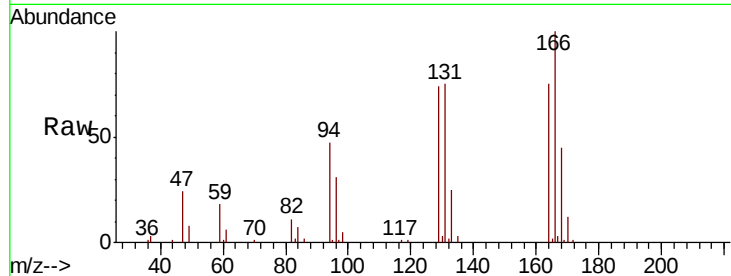




#49
Dibromochloromethane
Concen: 2.942 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

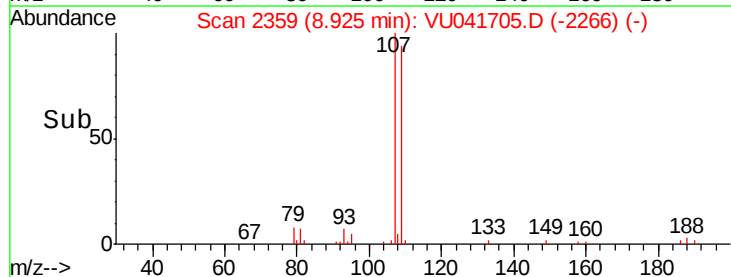
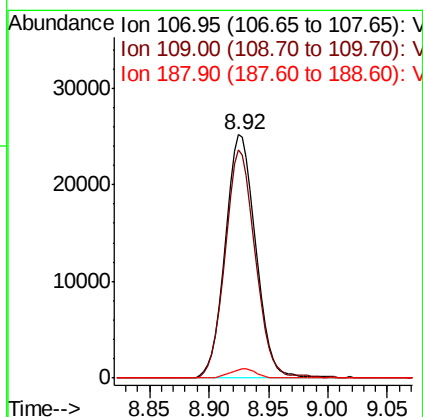
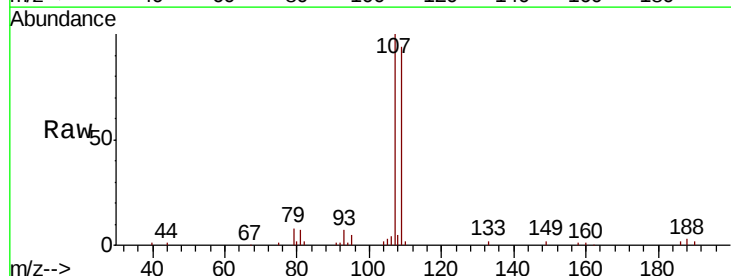
Instrument :
MSVOA_U
ClientSampleId :
GB254

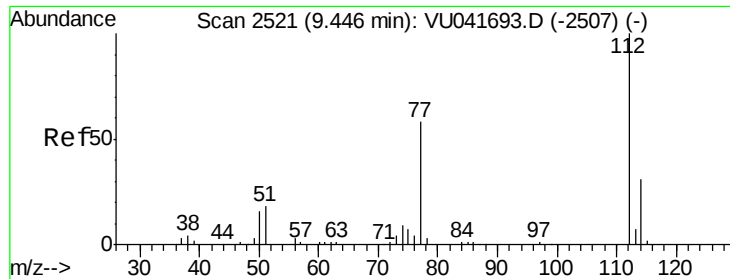
Tot Ion:129 Resp: 27447
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#50
1,2-Dibromoethane
Concen: 5.571 ug/L
RT: 8.92 min Scan# 2359
Delta R.T. -0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Tgt Ion:107 Resp: 44767
Ion Ratio Lower Upper
107 100
109 93.9 65.6 121.8
188 3.4 2.6 4.0

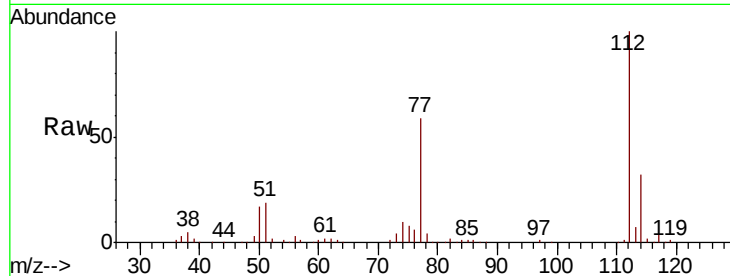




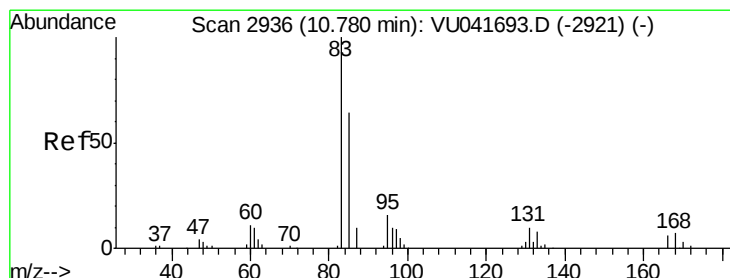
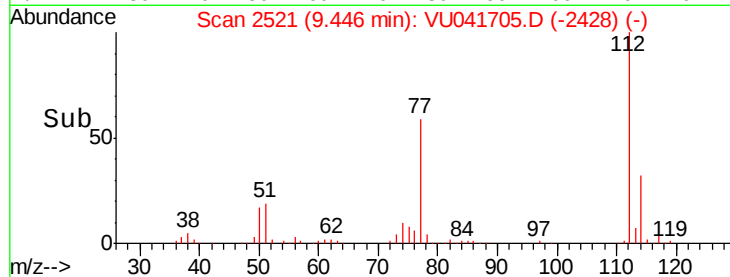
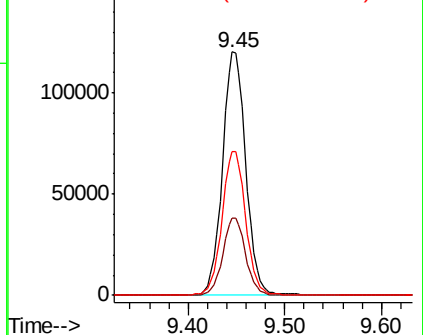
#51
Chlorobenzene
Concen: 7.307 ug/L
RT: 9.45 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Instrument :
MSVOA_U
ClientSampleId :
GB254

Tot Ion:112 Resp: 201377
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 59.3 49.1 73.7

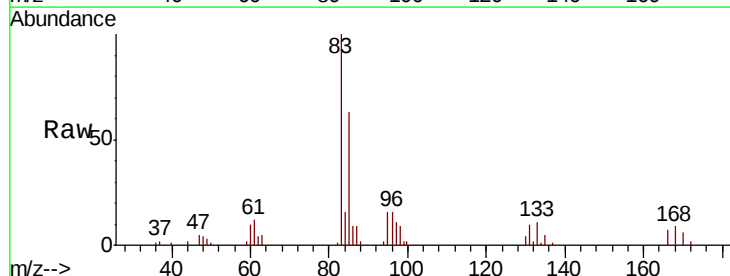


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

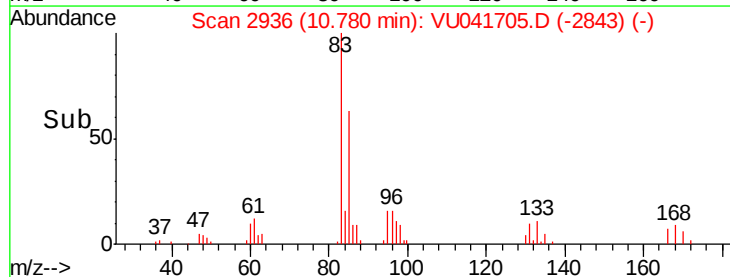
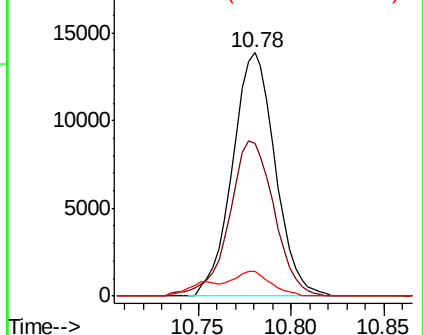


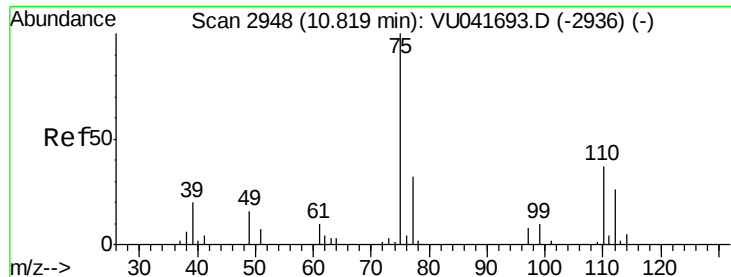
#58
1,1,2,2-Tetrachloroethane
Concen: 1.966 ug/L
RT: 10.78 min Scan# 2936
Delta R.T. -0.00 min
Lab File: VU041705.D
Acq: 21 Dec 2020 17:03

Tgt Ion: 83 Resp: 22224
Ion Ratio Lower Upper
83 100
85 62.7 46.1 85.7
131 10.0 7.8 11.6



Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 0.172 ug/L

RT: 11.46 min Scan# 3149

Delta R.T. 0.65 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

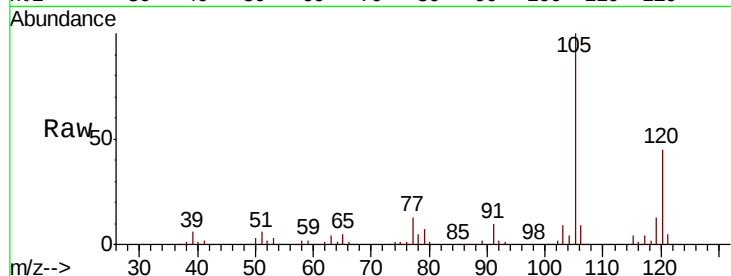
GB254

Tot Ion: 75 Resp: 1417

Ion Ratio Lower Upper

75 100

77 1499.6 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU041693.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU041693.D (-2936) (-)

15000

10000

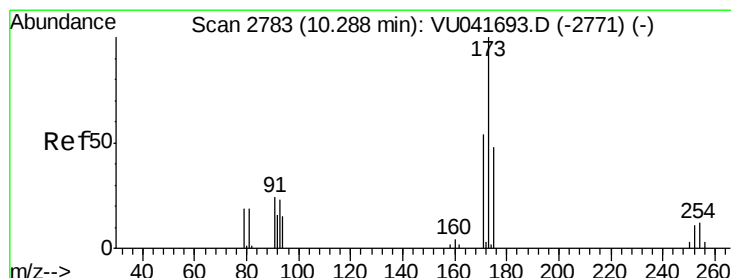
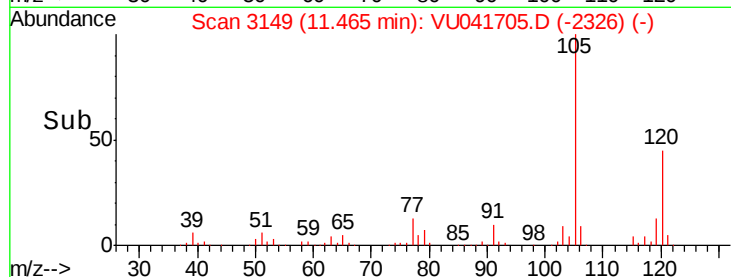
5000

0

11.45

11.50

Time-->



#61

Bromoform

Concen: 3.953 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

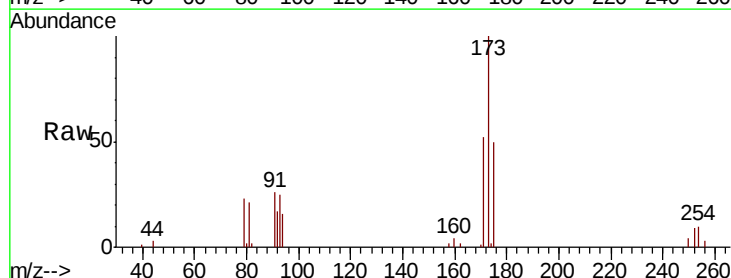
Tgt Ion: 173 Resp: 18311

Ion Ratio Lower Upper

173 100

175 49.4 37.3 55.9

254 9.6 7.4 11.2



Abundance Ion 172.90 (172.60 to 173.60): VU041693.D (-2771) (-)

Ion 174.90 (174.60 to 175.60): VU041693.D (-2771) (-)

Ion 253.75 (253.45 to 254.45): VU041693.D (-2771) (-)

15000

10000

5000

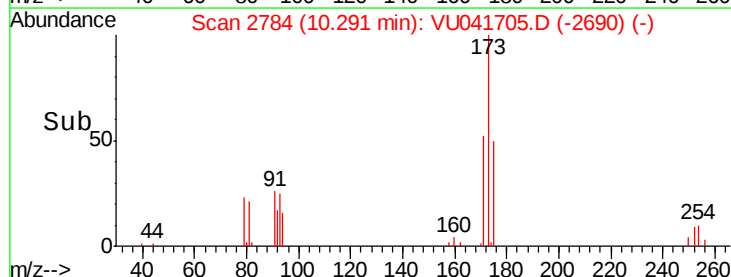
0

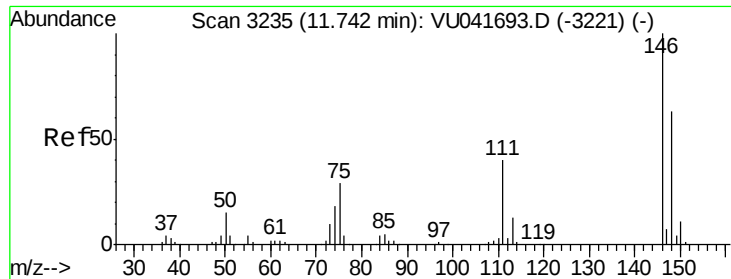
10.25

10.30

10.35

Time-->

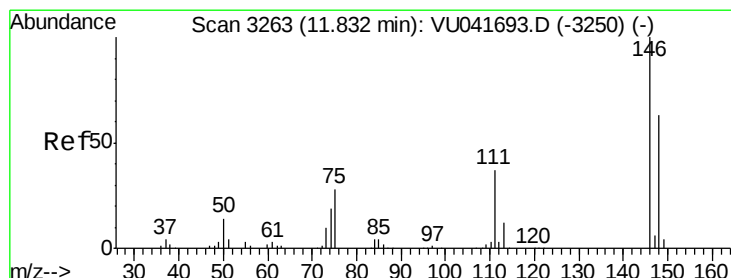
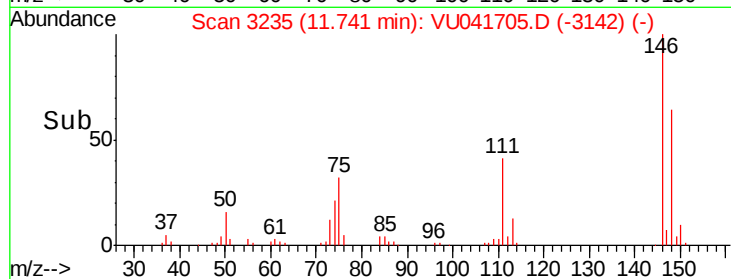
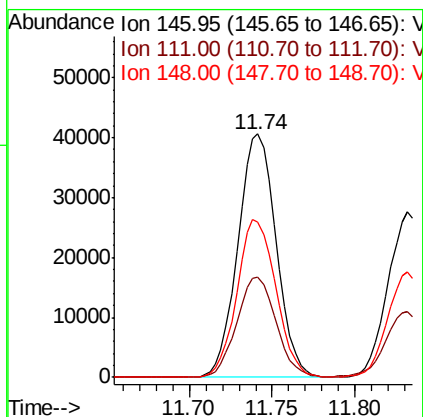
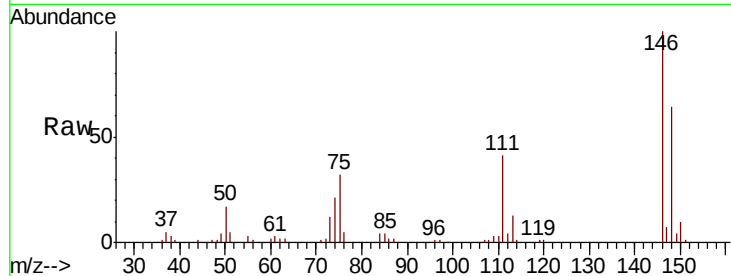




#62
 1,3-Dichlorobenzene
 Concen: 3.481 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

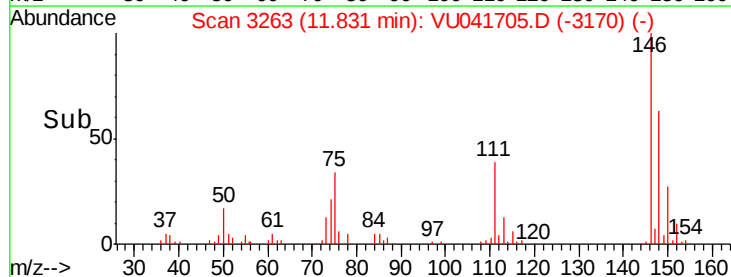
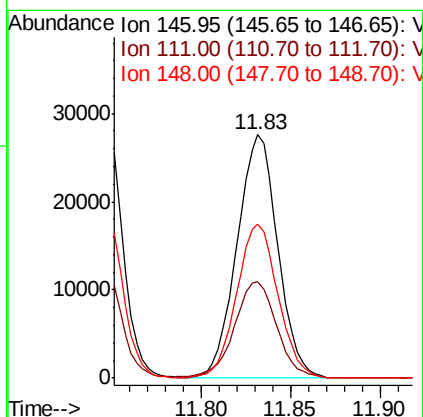
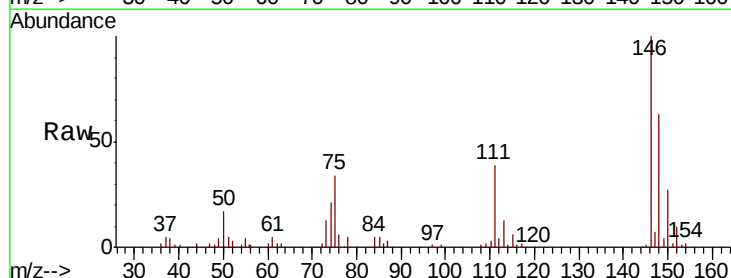
Instrument :
 MSVOA_U
 ClientSampled :
 GB254

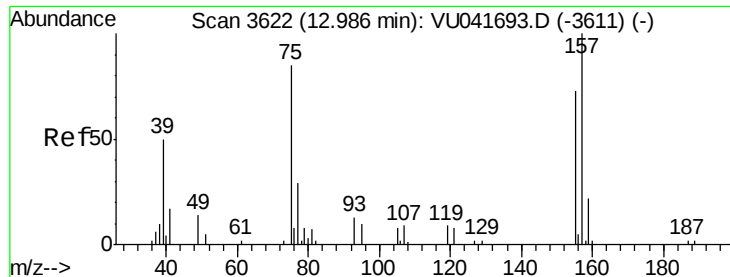
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	30.0	55.8
148	63.8	44.9	83.3



#63
 1,4-Dichlorobenzene
 Concen: 2.339 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.9	51.9
148	63.5	45.0	83.6

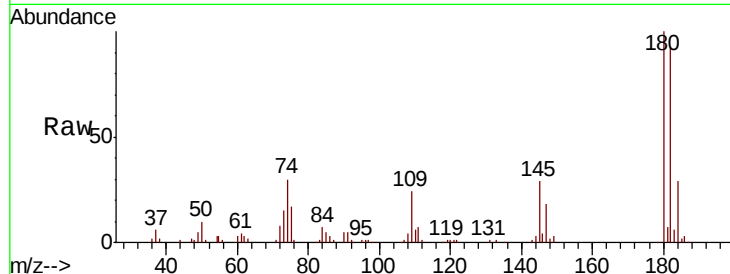




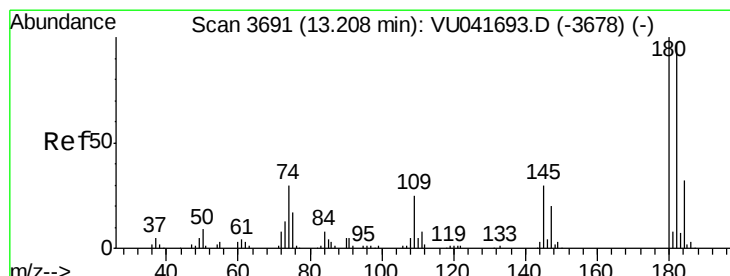
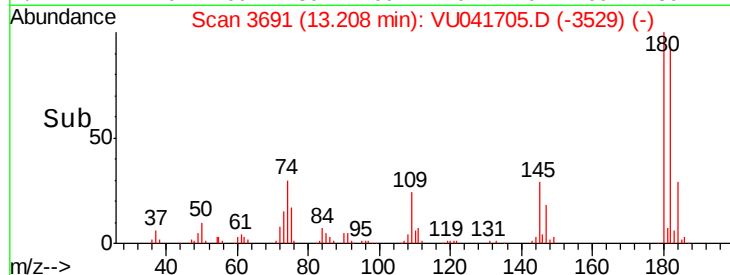
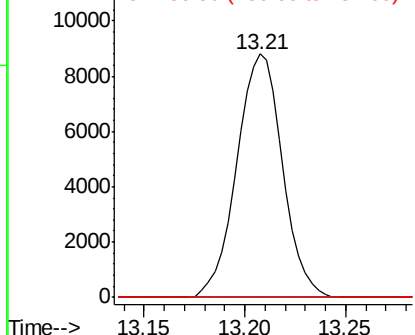
#66
 1,2-Dibromo-3-chloropropane
 Concen: 8.094 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. 0.22 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 GB254

Tot Ion: 75 Resp: 13931
 Ion Ratio Lower Upper
 75 100
 155 0.0 57.4 86.0#
 157 0.0 72.4 108.6#



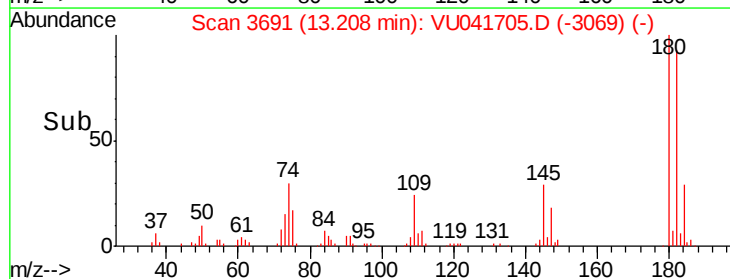
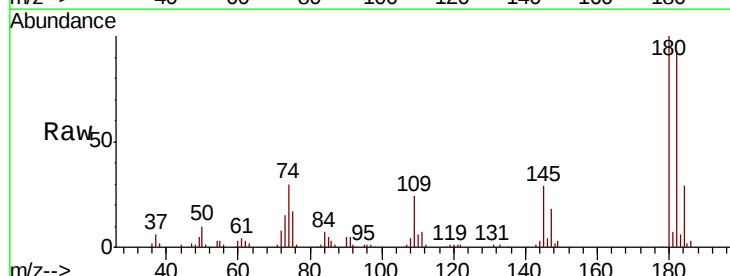
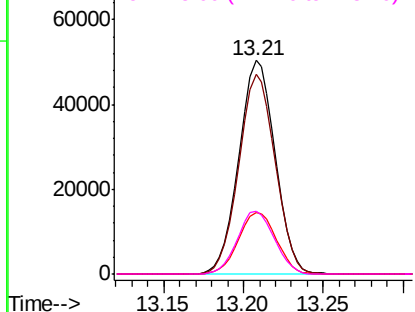
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

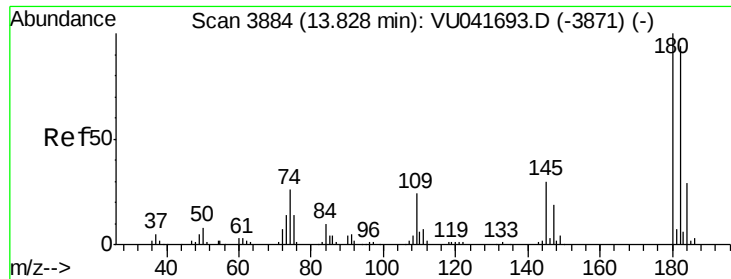


#67
 1,3,5-Trichlorobenzene
 Concen: 5.440 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

Tgt Ion: 180 Resp: 77390
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.3 114.5
 184 30.1 24.1 36.1
 145 30.0 24.1 36.1

Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

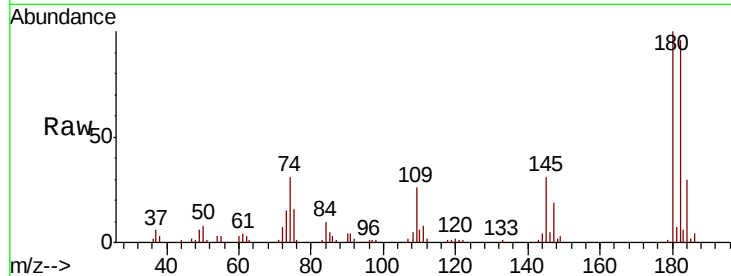




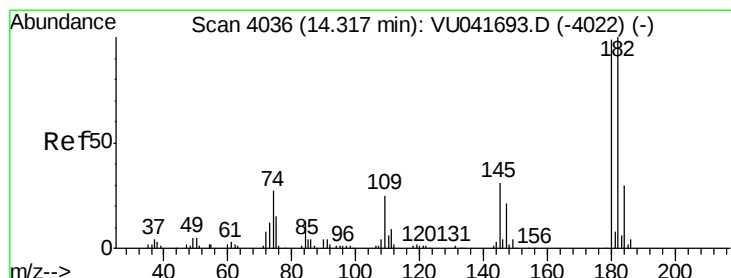
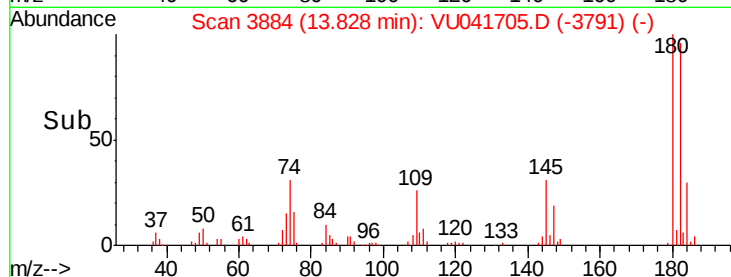
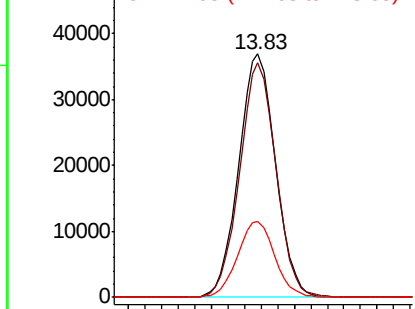
#68
 1,2,4-trichlorobenzene
 Concen: 4.764 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 GB254

Tot Ion:180 Resp: 56869
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.4 113.0
 145 31.7 24.5 36.7

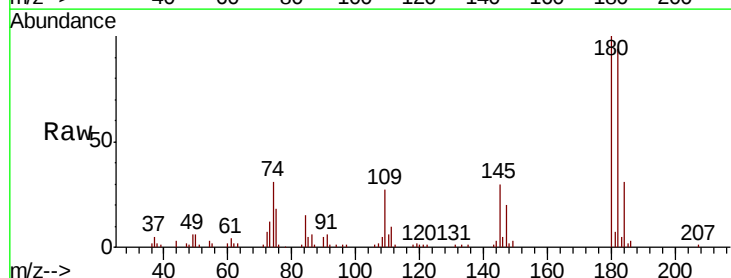


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#70
 1,2,3-Trichlorobenzene
 Concen: 2.871 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU041705.D
 Acq: 21 Dec 2020 17:03

Tgt Ion:180 Resp: 32663
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.0 115.4
 145 31.9 26.4 39.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

