

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041441.D
 Acq On : 30 Nov 2020 14:20
 Operator : SY/MD
 Sample : L4824-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

Quant Time: Dec 01 01:48:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 01:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64332	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64734	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	32928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20410	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.92	69	17434	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	65	10312	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.65	46	56642	40.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.50%
24) Chloroform-d	5.08	84	46899	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.71	65	30488	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	76513	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	23217	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.90	98	70367	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.18	79	12746	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	46339	46.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.72%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	22320	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	12.19	152	30442	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	19062	3.609	ug/L	97
6) Bromomethane	1.86	94	12368	3.842	ug/L	95
9) Trichlorofluoromethane	2.15	101	77167	7.481	ug/L	99
12) 1,1-Dichloroethene	2.59	96	14577	3.697	ug/L	91
13) Acetone	2.66	43	79356	78.003	ug/L	98
14) Carbon disulfide	2.80	76	63203	5.520	ug/L	100
16) Methylene chloride	3.06	84	10559	2.124	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	99466	8.220	ug/L	98
19) 1,1-Dichloroethane	3.88	63	69886	8.212	ug/L	96
21) 2-Butanone	4.73	43	147988	100.421	ug/L	94
27) 1,2-Dichloroethane	5.81	62	51398	6.816	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	77897	8.420	ug/L	97
30) Cyclohexane	5.40	56	72408	10.956	ug/L	92
31) Carbon tetrachloride	5.33	117	8937	1.061	ug/L	100
34) Trichloroethene	6.55	95	26299	5.254	ug/L	98
35) Methylcyclohexane	6.77	83	45538	6.616	ug/L	94
37) 1,2-Dichloropropane	6.80	63	9498	2.056	ug/L	100

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

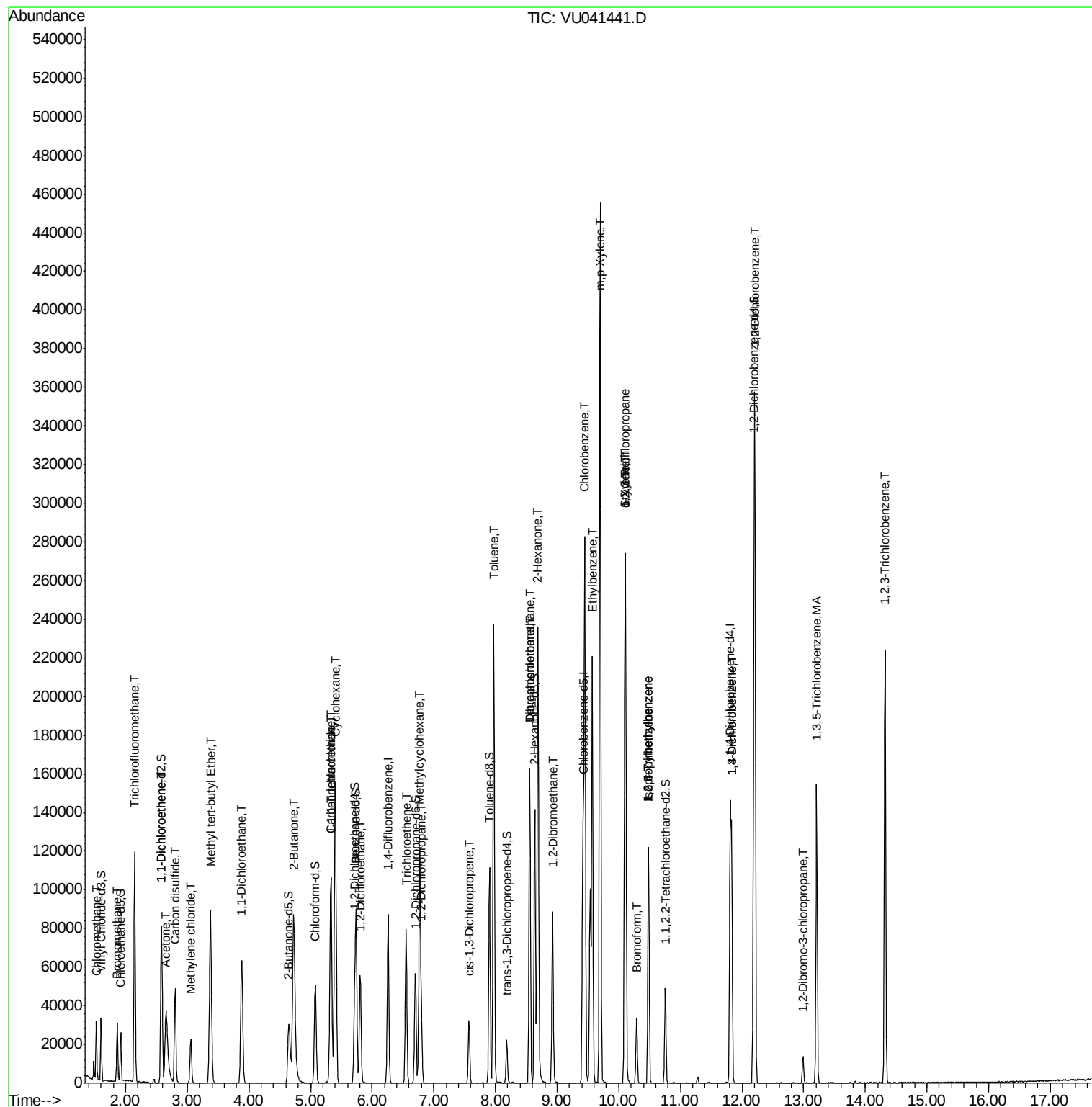
39) cis-1,3-Dichloropropene	7.56	75	802	0.111	ug/L #	66
42) Toluene	7.97	91	161788	8.261	ug/L	98
47) Tetrachloroethene	8.56	164	33508	8.994	ug/L	97
48) 2-Hexanone	8.69	43	147143	56.859	ug/L	99
49) Dibromochloromethane	8.56	129	32690	6.544	ug/L #	10
50) 1,2-Dibromoethane	8.93	107	55366	15.503	ug/L	99
51) Chlorobenzene	9.45	112	137155	10.764	ug/L	97
52) Ethylbenzene	9.57	91	146419	6.610	ug/L	97
53) m,p-Xylene	9.70	106	110994	13.894	ug/L	95
54) o-Xylene	10.10	106	42493	5.507	ug/L	93
55) Styrene	10.11	104	75558	5.561	ug/L	95
59) Bromoform	10.29	173	14578	5.431	ug/L	98
60) Isopropylbenzene	10.48	105	74026	3.642	ug/L	100
61) 1,2,3-Trichloropropane	10.11	75	5284	1.495	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.48	105	74026	4.256	ug/L #	69
63) 1,2,4-Trimethylbenzene	10.48	105	74026	4.193	ug/L #	71
64) 1,3-Dichlorobenzene	11.83	146	44514	4.398	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	44514	4.341	ug/L	95
67) 1,2-Dichlorobenzene	12.21	146	121715	12.295	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	3840	3.976	ug/L	97
69) 1,3,5-Trichlorobenzene	13.21	180	44065	5.736	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	62516	10.902	ug/L	99

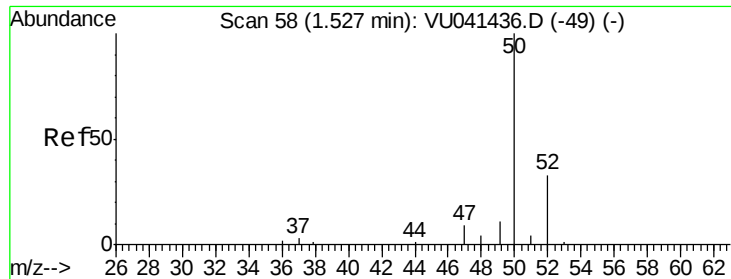
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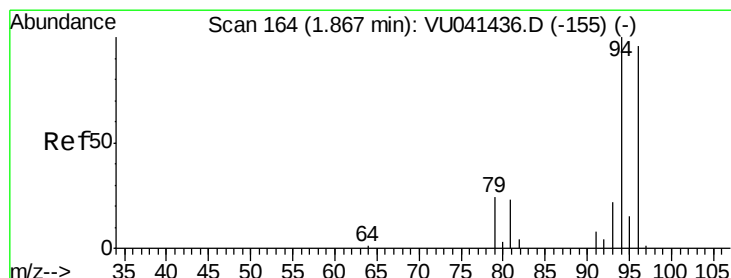
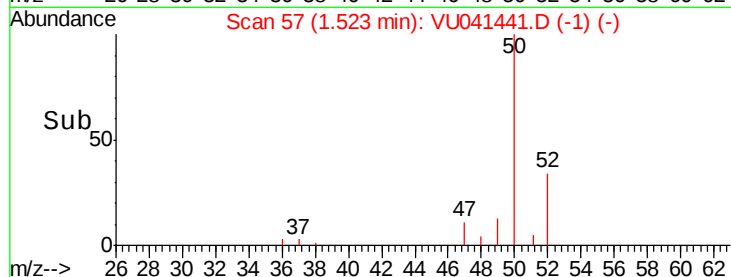
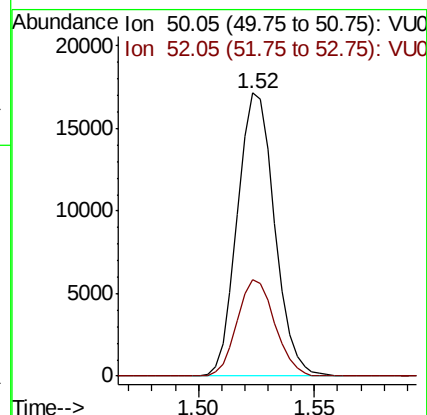
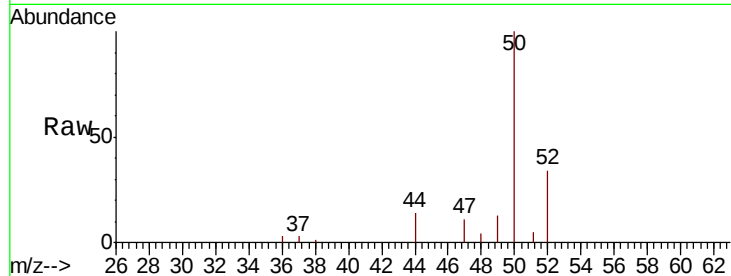




#3
Chloromethane
Concen: 3.609 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

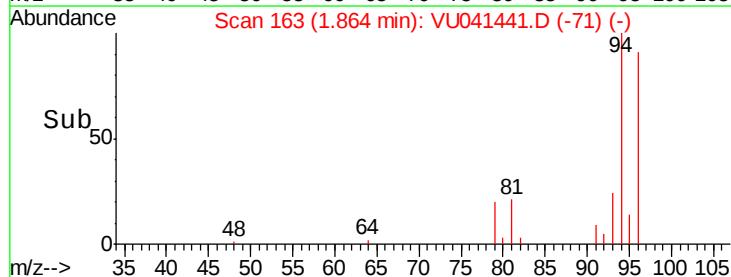
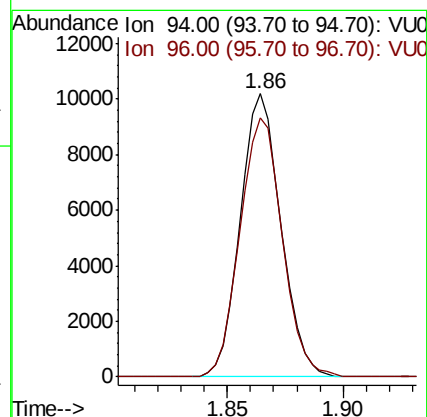
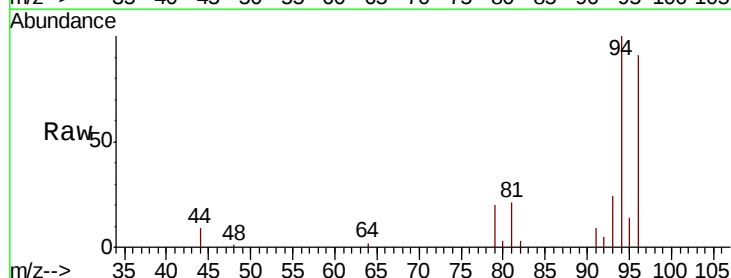
Instrument :
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ClientSampleId :
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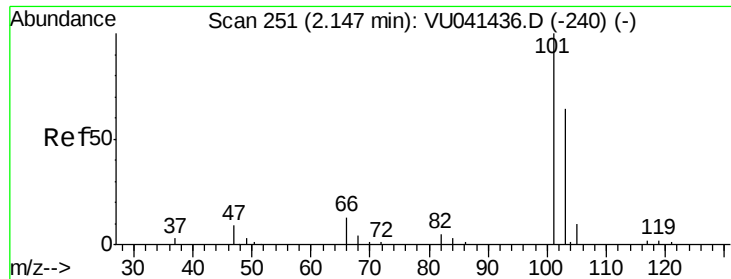
Tot Ion: 50 Resp: 19062
Ion Ratio Lower Upper
50 100
52 34.3 22.9 42.5



#6
Bromomethane
Concen: 3.842 ug/L
RT: 1.86 min Scan# 163
Delta R.T. -0.00 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

Tgt Ion: 94 Resp: 12368
Ion Ratio Lower Upper
94 100
96 91.5 67.5 125.3



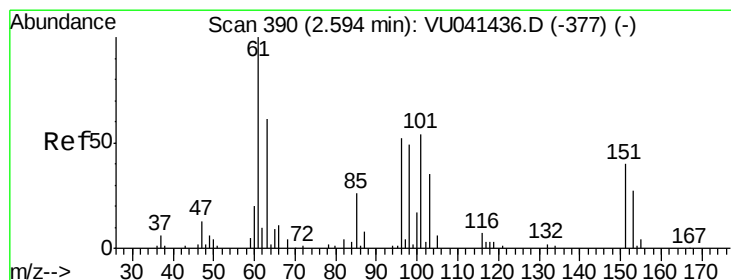
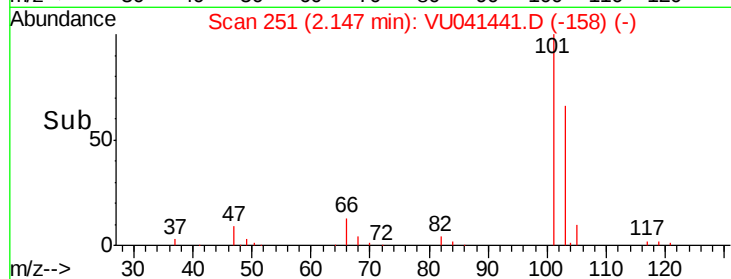
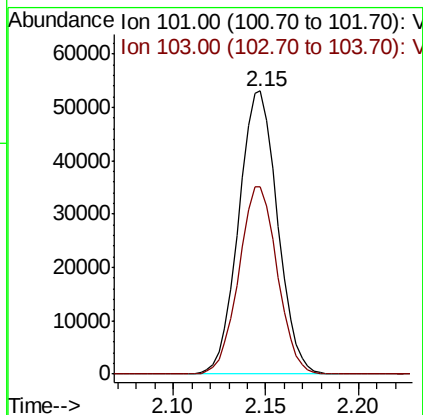
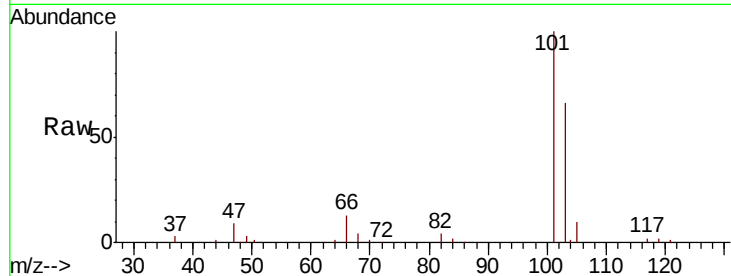


#9

Trichlorofluoromethane
 Concen: 7.481 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

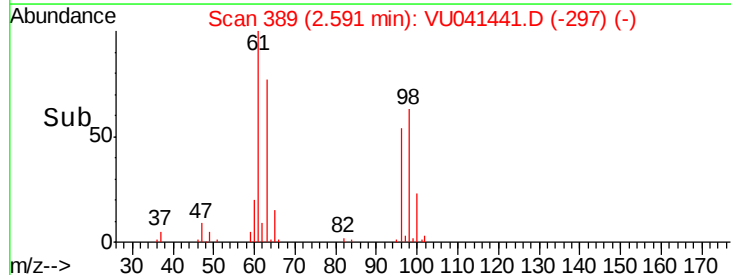
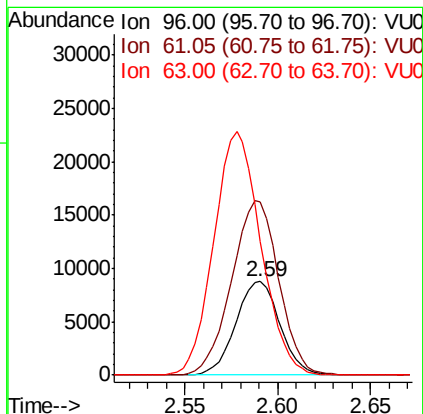
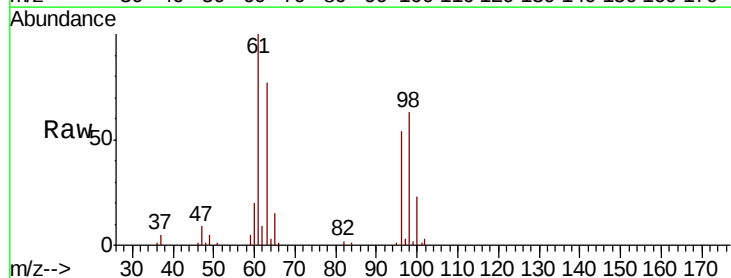
Tot Ion:101 Resp: 77167
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.8

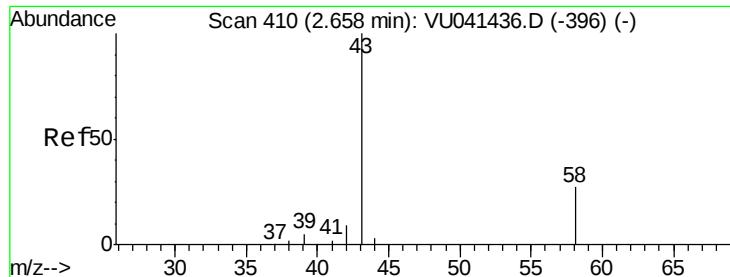


#12

1,1-Dichloroethene
 Concen: 3.697 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Tgt Ion: 96 Resp: 14577
 Ion Ratio Lower Upper
 96 100
 61 184.3 133.3 247.7
 63 142.1 86.6 160.8





#13

Acetone

Concen: 78.003 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

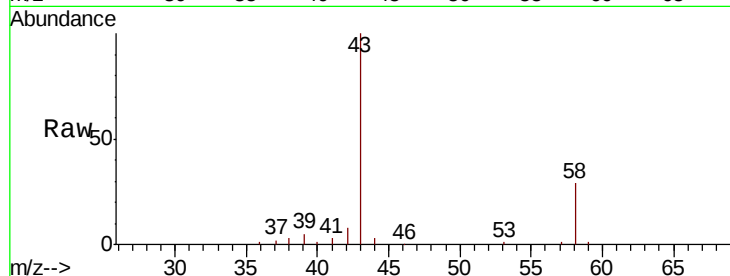
X2R09

Tot Ion: 43 Resp: 79356

Ion Ratio Lower Upper

43 100

58 28.3 0.0 54.8



Abundance Ion 43.05 (42.75 to 43.75): VU041436.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041436.D (-396) (-)

25000

20000

15000

10000

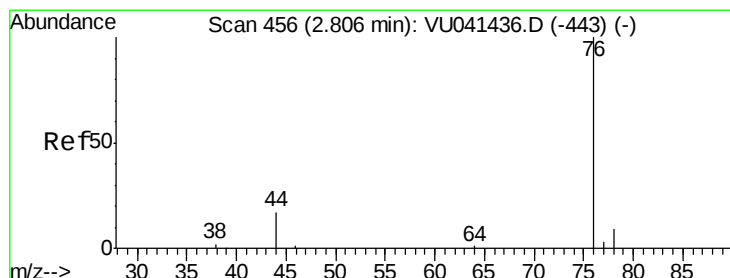
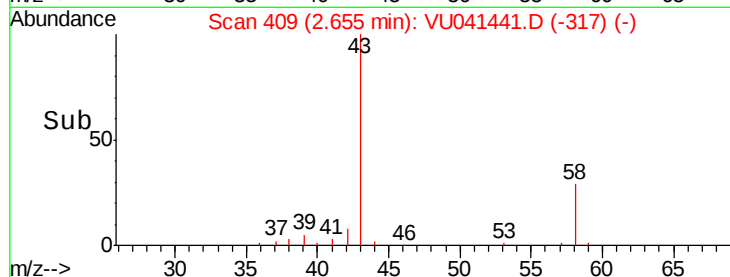
5000

0

Time-->

2.60 2.70 2.80

2.66



#14

Carbon disulfide

Concen: 5.520 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU041441.D

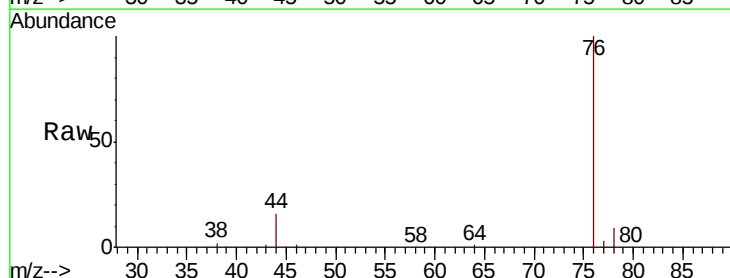
Acq: 30 Nov 2020 14:20

Tgt Ion: 76 Resp: 63203

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU041436.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU041436.D (-443) (-)

40000

30000

20000

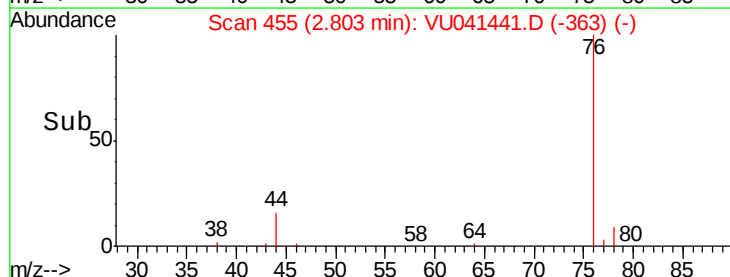
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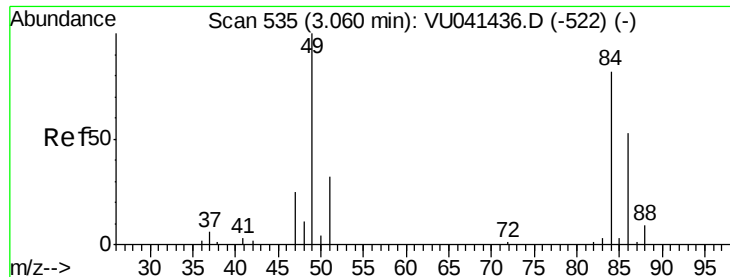
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Time-->

2.75 2.80 2.85 2.90

2.80

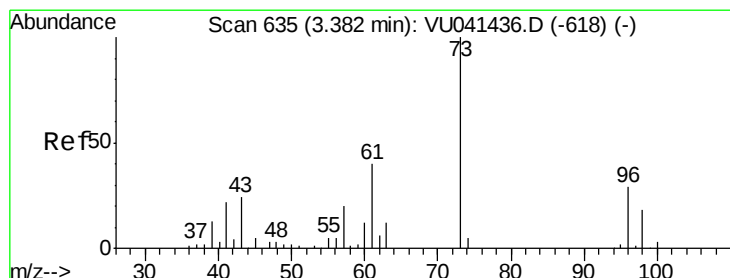
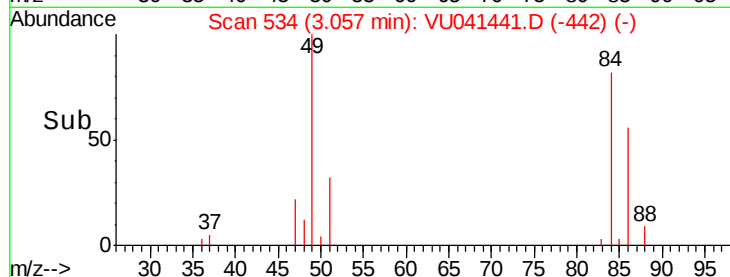
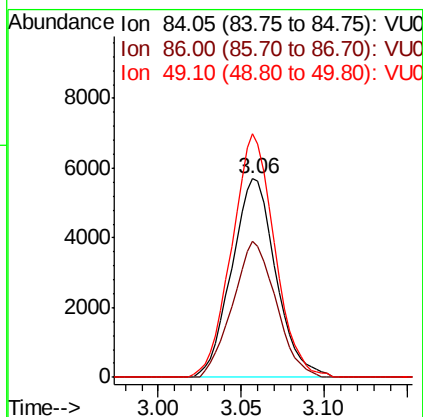
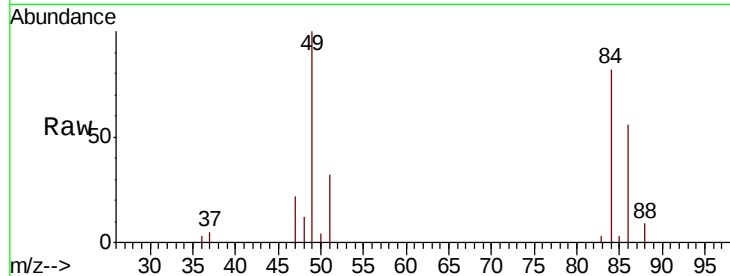




#16
Methylene chloride
Concen: 2.124 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

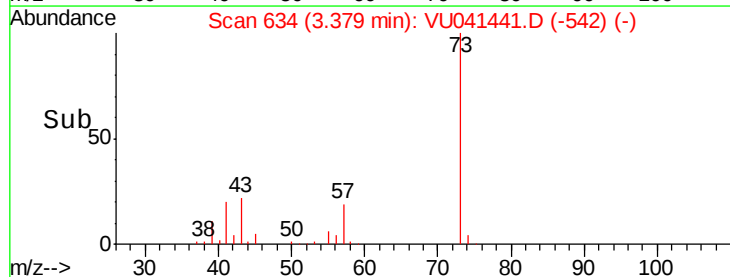
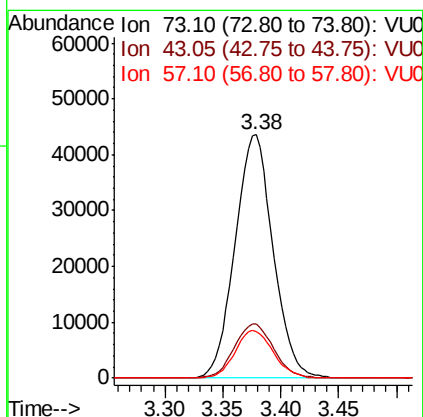
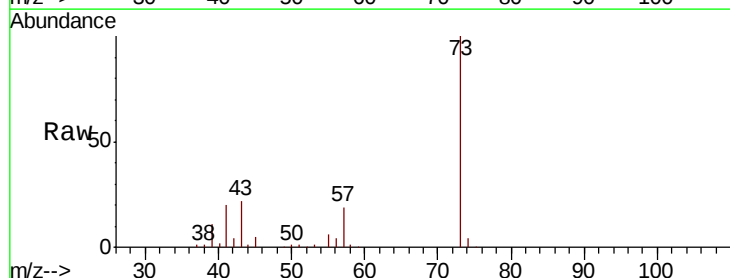
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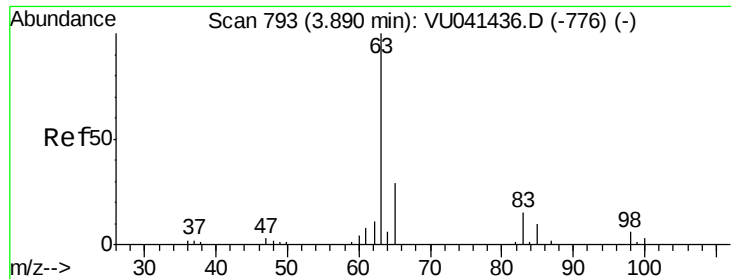
Tot Ion: 84 Resp: 10559
Ion Ratio Lower Upper
84 100
86 68.4 44.8 83.2
49 122.6 85.3 158.3



#17
Methyl tert-butyl Ether
Concen: 8.220 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

Tgt Ion: 73 Resp: 99466
Ion Ratio Lower Upper
73 100
43 23.0 19.2 28.8
57 19.7 16.5 24.7

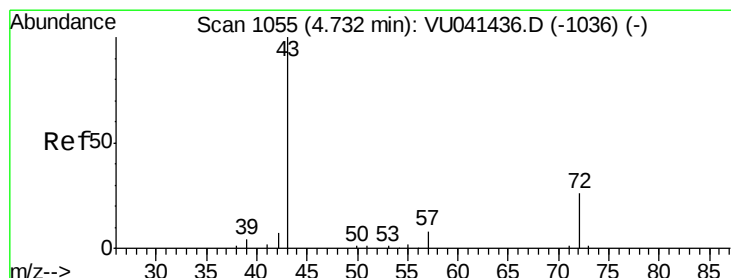
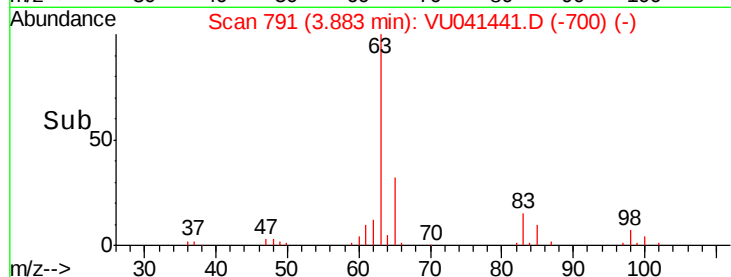
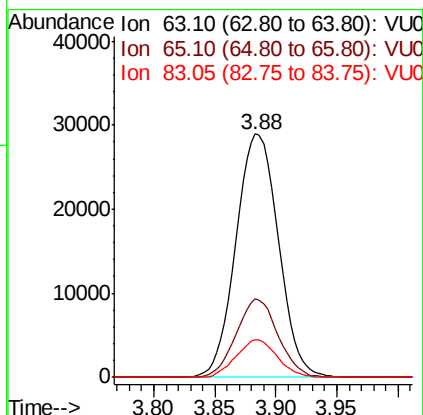
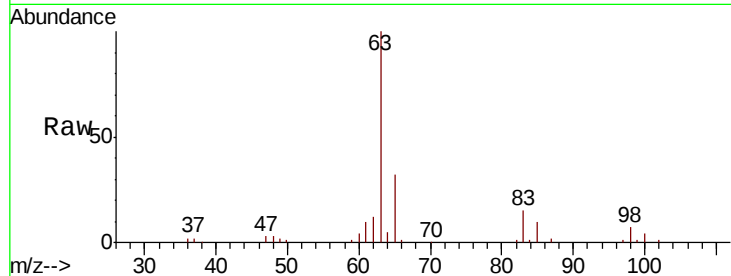




#19
 1,1-Dichloroethane
 Concen: 8.212 ug/L
 RT: 3.88 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

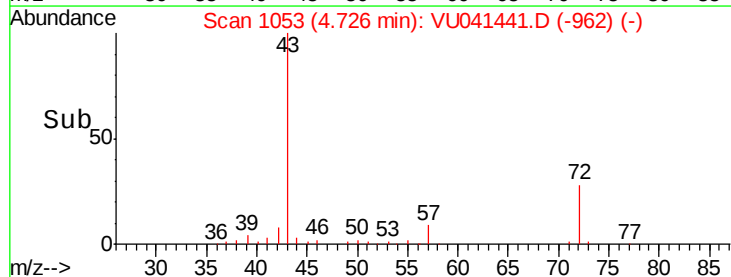
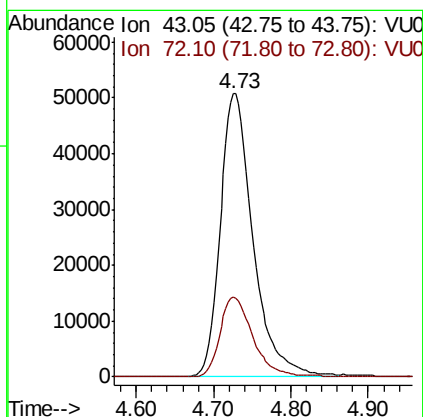
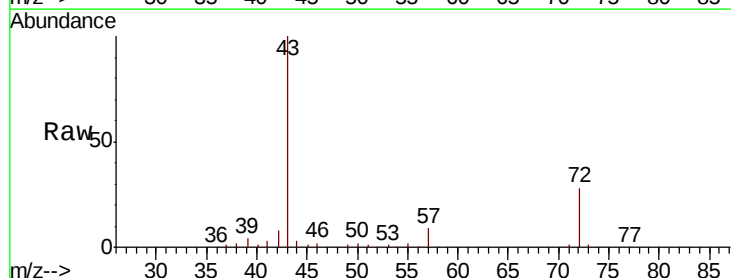
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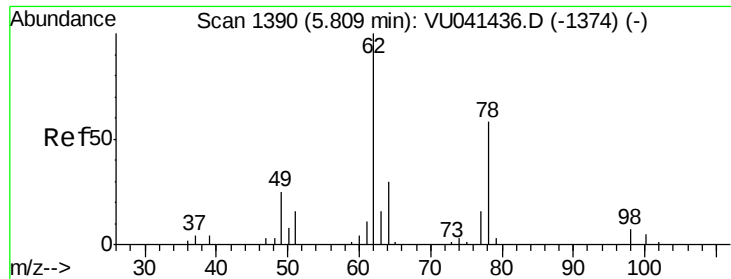
Tot Ion	63	Resp	69886
Ion Ratio	Lower	Upper	
63	100		
65	32.0	20.2	37.6
83	15.3	10.8	20.0



#21
 2-Butanone
 Concen: 100.421 ug/L
 RT: 4.73 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VU041441.D
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Tgt Ion	43	Resp	147988
Ion Ratio	Lower	Upper	
43	100		
72	28.6	12.9	38.6

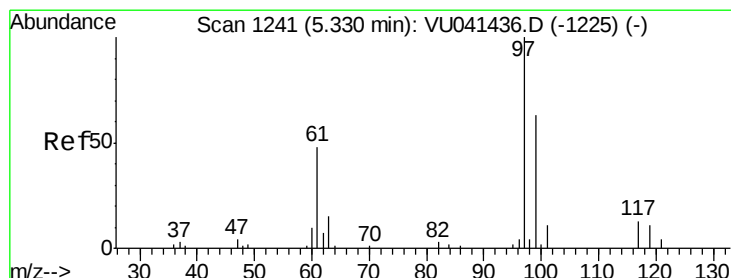
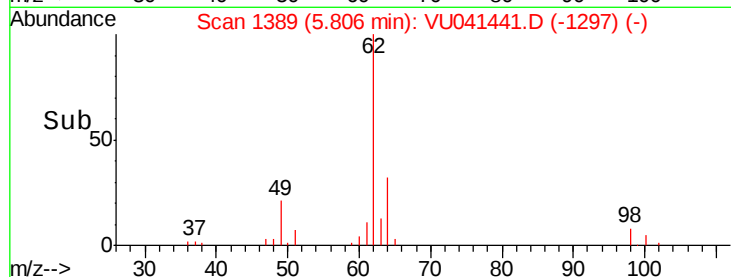
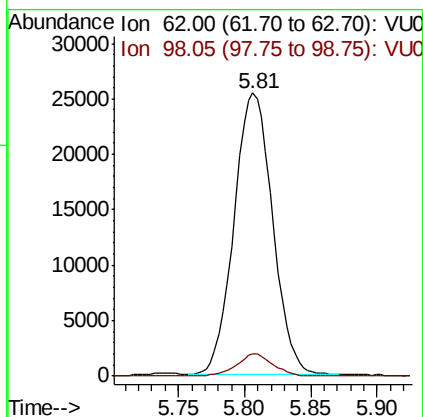
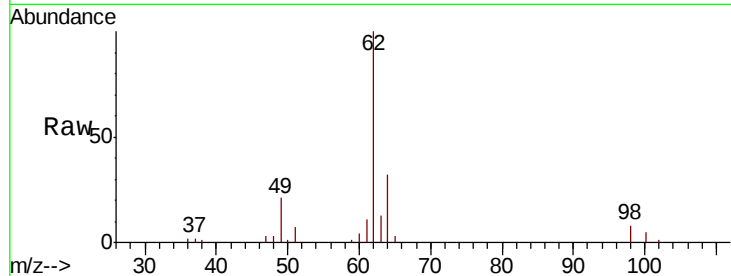




#27
 1,2-Dichloroethane
 Concen: 6.816 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VU041441.D
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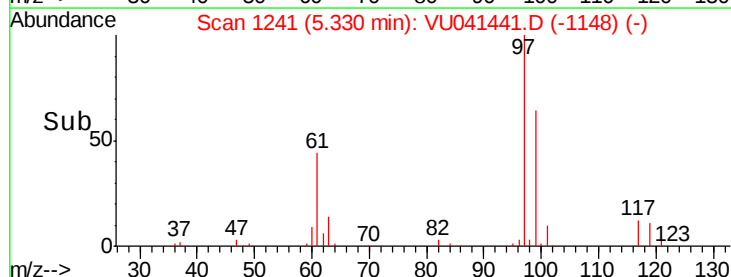
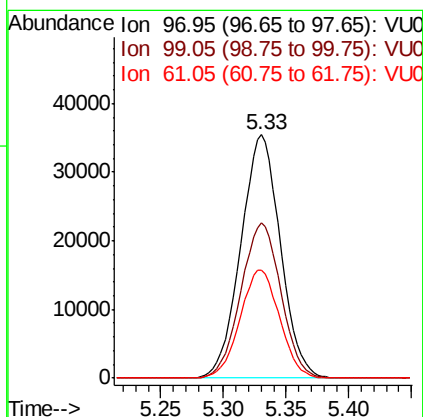
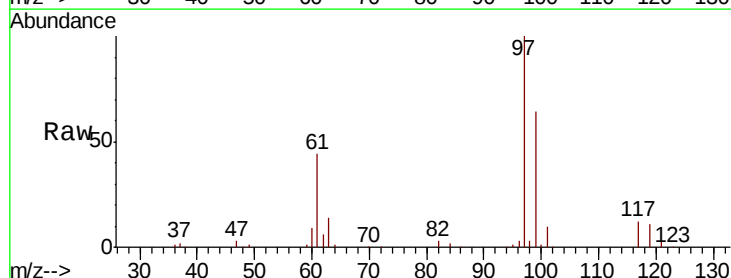
Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

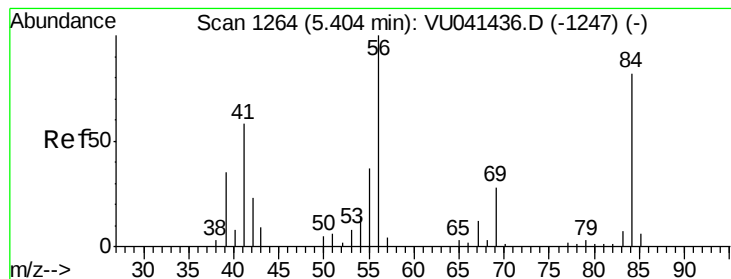
Tot Ion: 62 Resp: 51398
 Ion Ratio Lower Upper
 62 100
 98 7.9 5.4 8.0



#29
 1,1,1-Trichloroethane
 Concen: 8.420 ug/L
 RT: 5.33 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Tgt Ion: 97 Resp: 77897
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.0 76.6
 61 44.3 38.1 57.1





#30

Cyclohexane

Concen: 10.956 ug/L

RT: 5.40 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

X2R09

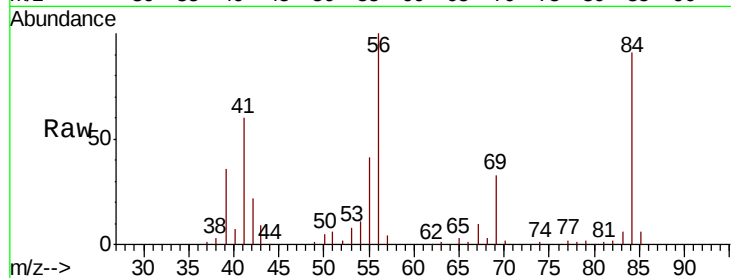
Tot Ion: 56 Resp: 72408

Ion Ratio Lower Upper

56 100

69 32.8 23.2 34.8

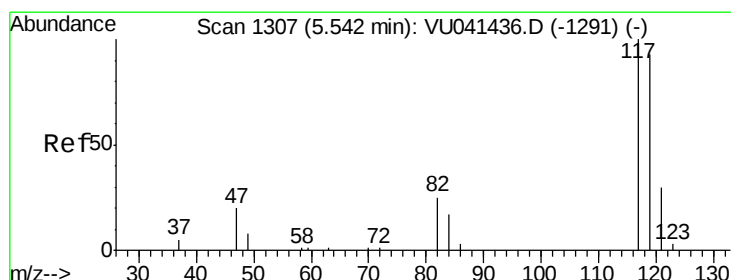
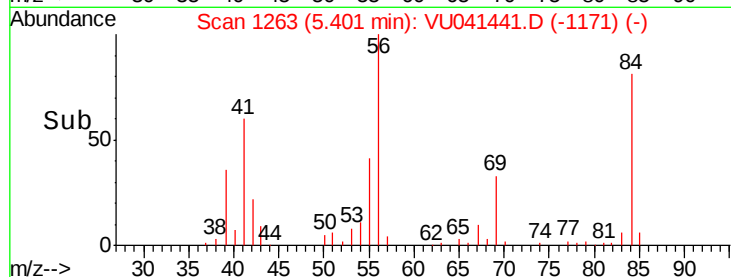
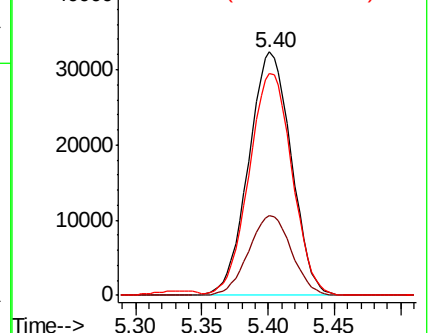
84 92.4 67.8 101.6



Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0



#31

Carbon tetrachloride

Concen: 1.061 ug/L

RT: 5.33 min Scan# 1241

Delta R.T. -0.21 min

Lab File: VU041441.D

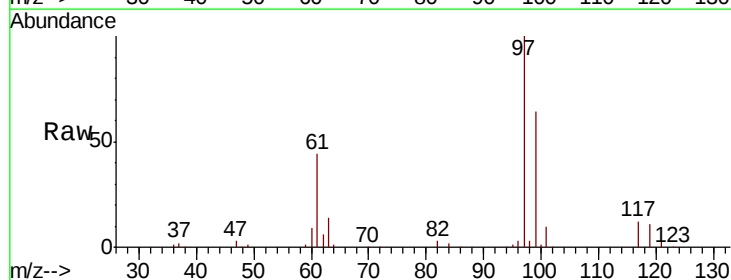
Acq: 30 Nov 2020 14:20

Tgt Ion: 117 Resp: 8937

Ion Ratio Lower Upper

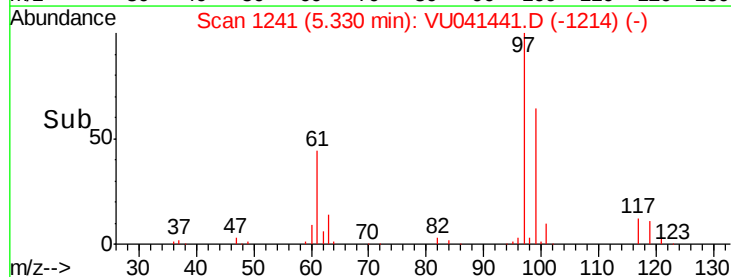
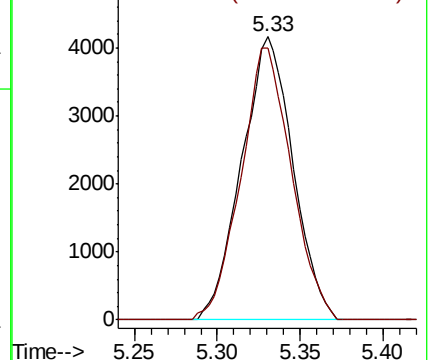
117 100

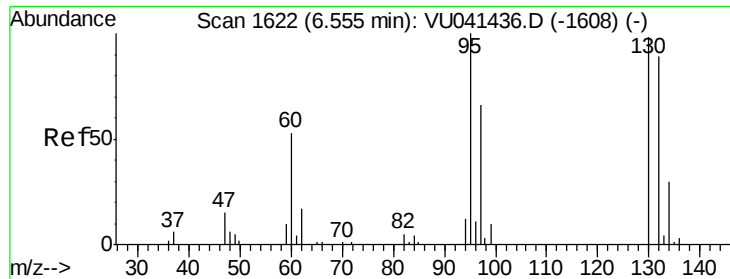
119 94.8 75.8 113.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

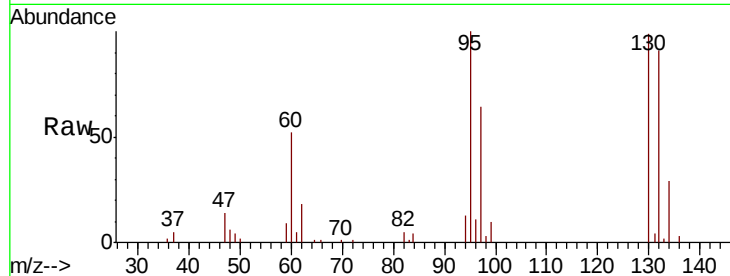




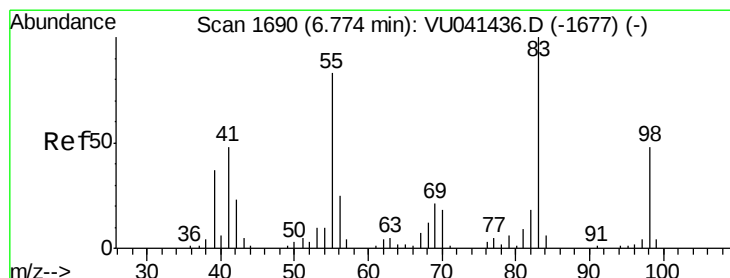
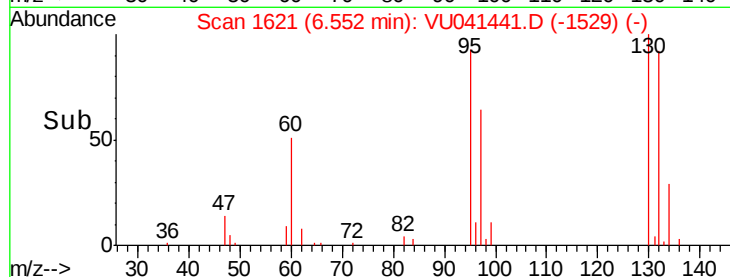
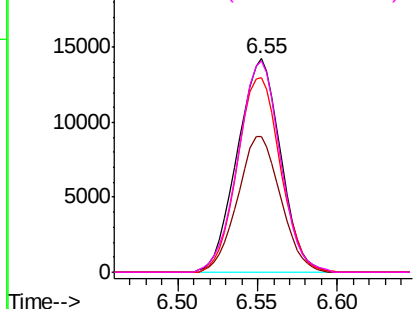
#34
 Trichloroethene
 Concen: 5.254 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Instrument :
 MSVOA_U
 ClientSampled :
 X2R09

Tot Ion: 95 Resp: 26299
 Ion Ratio Lower Upper
 95 100
 97 63.6 46.4 86.2
 132 91.1 62.2 115.6
 130 99.0 68.7 127.5

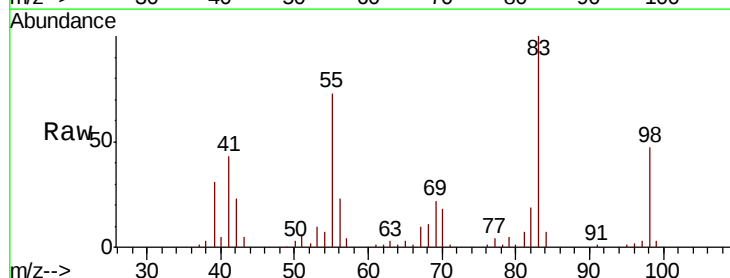


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

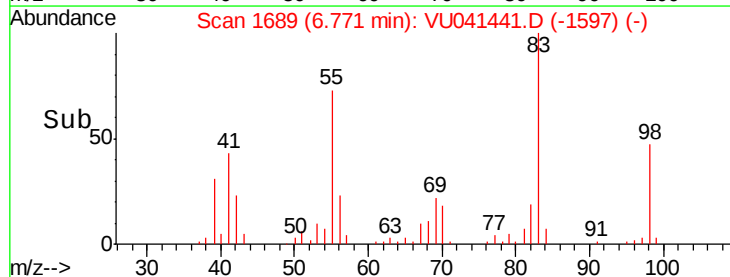
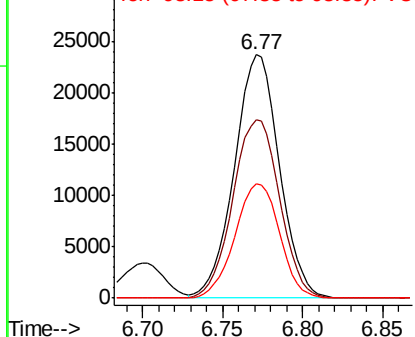


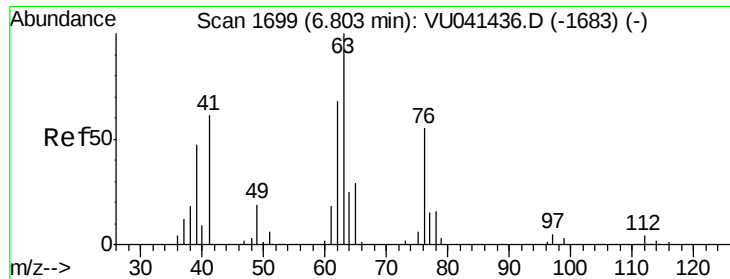
#35
 Methylcyclohexane
 Concen: 6.616 ug/L
 RT: 6.77 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Tgt Ion: 83 Resp: 45538
 Ion Ratio Lower Upper
 83 100
 55 76.2 67.0 100.6
 98 46.4 38.2 57.4



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

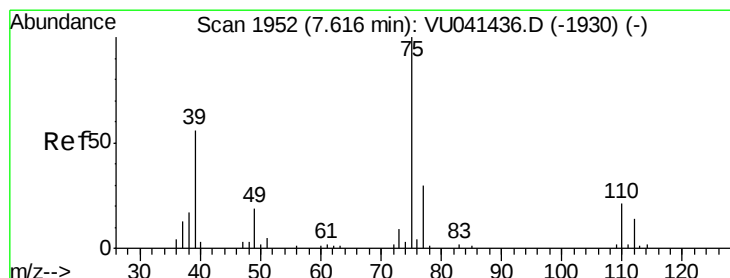
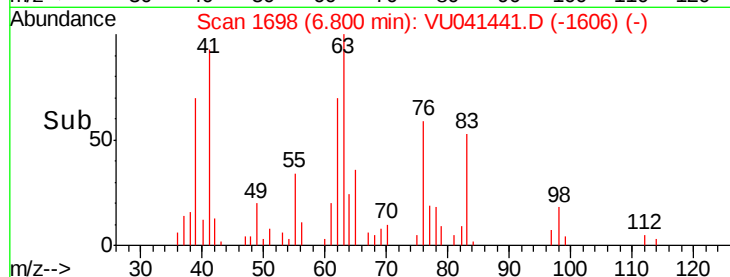
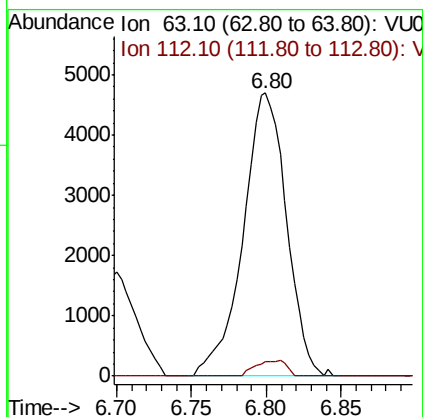
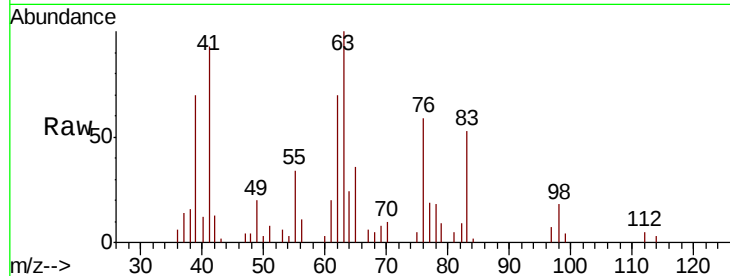




#37
 1,2-Dichloropropane
 Concen: 2.056 ug/L
 RT: 6.80 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

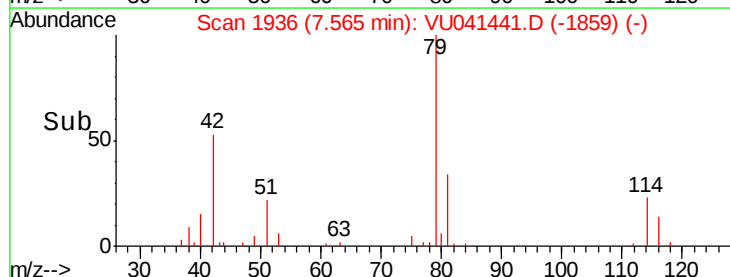
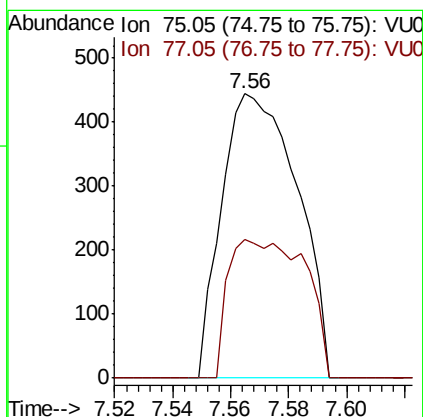
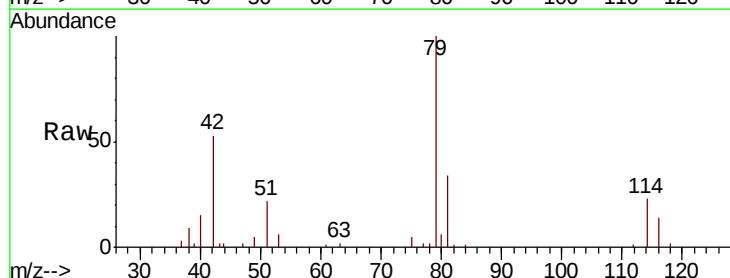
Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

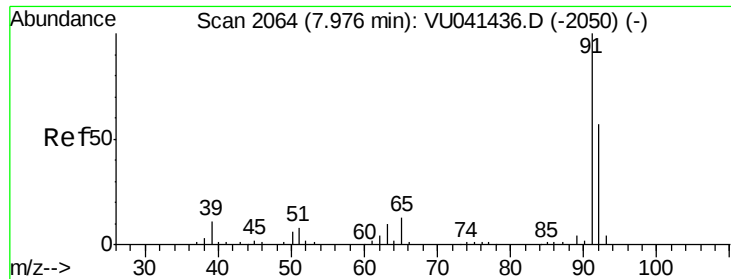
Tot Ion: 63 Resp: 9498
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.2 4.8



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.56 min Scan# 1936
 Delta R.T. -0.05 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Tgt Ion: 75 Resp: 802
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.0 39.0#





#42

Toluene

Concen: 8.261 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

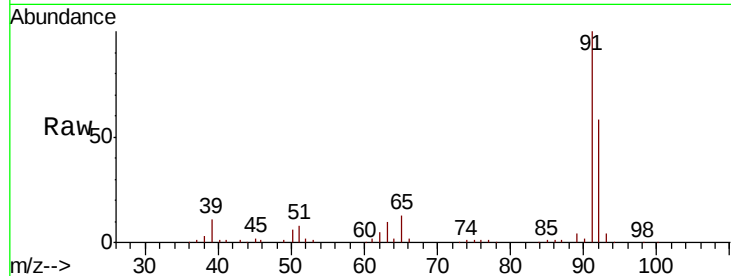
X2R09

Tot Ion: 91 Resp: 161788

Ion Ratio Lower Upper

91 100

92 58.1 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VU041441.D (-2171) (-)

Ion 92.15 (91.85 to 92.85): VU041441.D (-2171) (-)

7.97

100000

80000

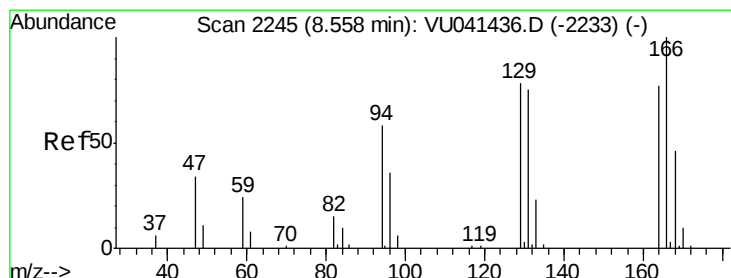
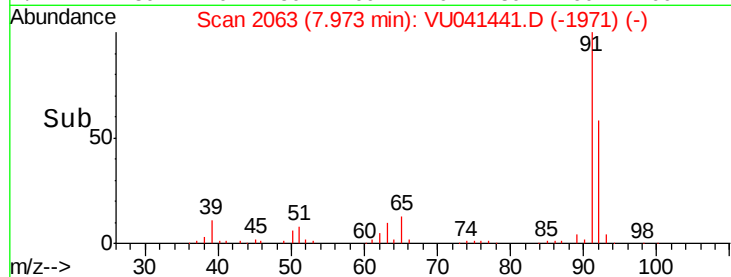
60000

40000

20000

0

Time-->



#47

Tetrachloroethene

Concen: 8.994 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Tgt Ion:164 Resp: 33508

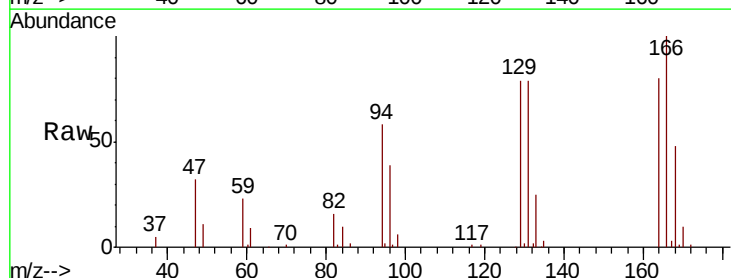
Ion Ratio Lower Upper

164 100

129 99.4 71.3 132.5

131 99.4 68.3 126.8

166 125.5 91.0 169.0



Abundance Ion 163.90 (163.60 to 164.60): VU041441.D (-2152) (-)

Ion 128.95 (128.65 to 129.65): VU041441.D (-2152) (-)

Ion 130.95 (130.65 to 131.65): VU041441.D (-2152) (-)

Ion 165.90 (165.60 to 166.60): VU041441.D (-2152) (-)

40000

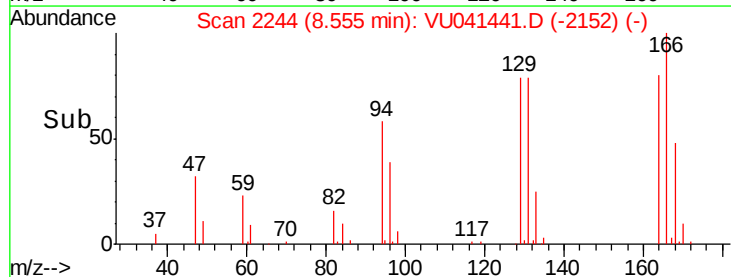
30000

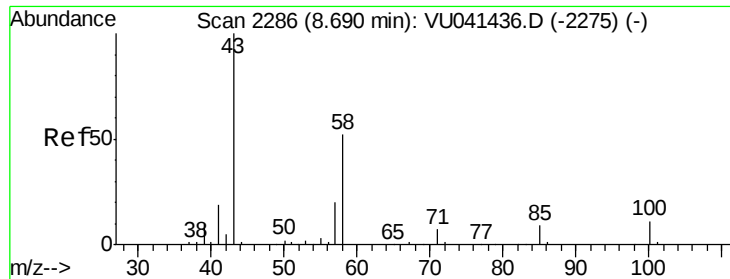
20000

10000

0

Time-->

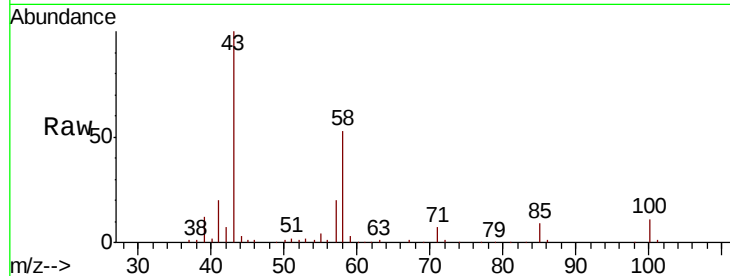




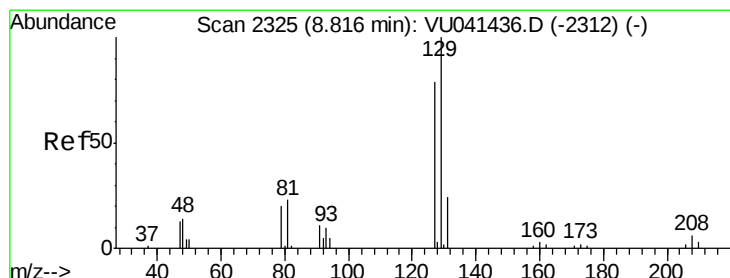
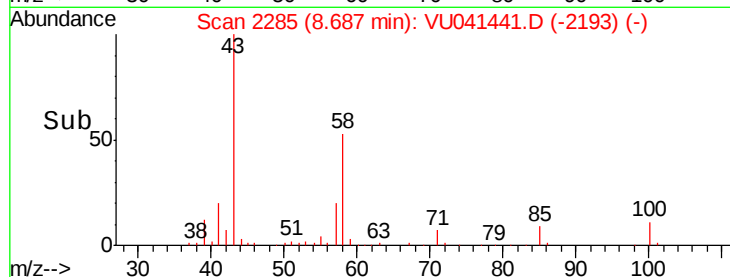
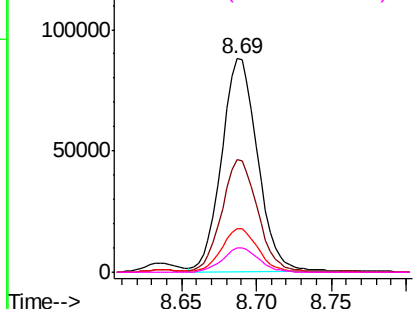
#48
2-Hexanone
Concen: 56.859 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
X2R09

Tot Ion: 43 Resp: 147143
Ion Ratio Lower Upper
43 100
58 52.5 42.0 63.0
57 20.9 16.0 24.0
100 11.6 8.9 13.3

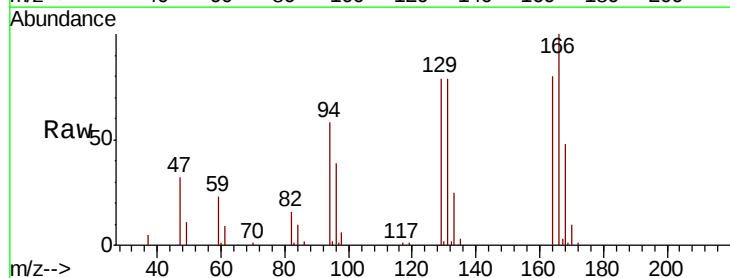


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

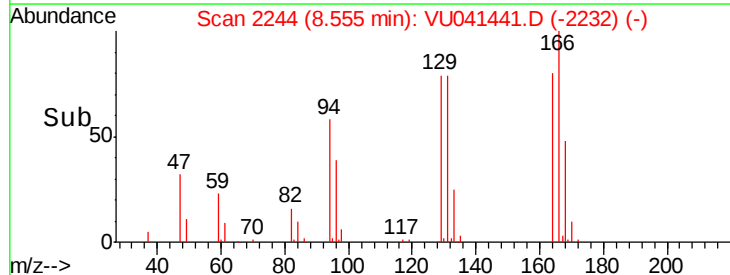
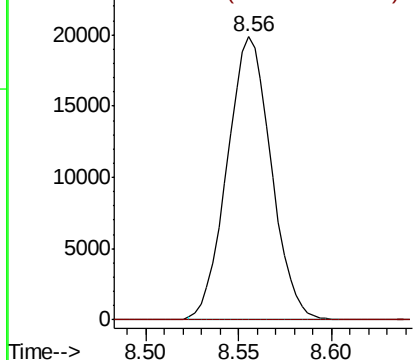


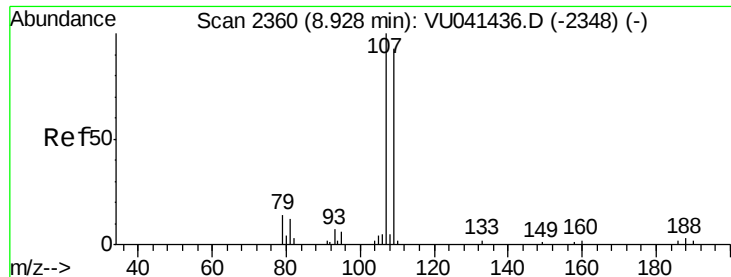
#49
Dibromochloromethane
Concen: 6.544 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

Tgt Ion: 129 Resp: 32690
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

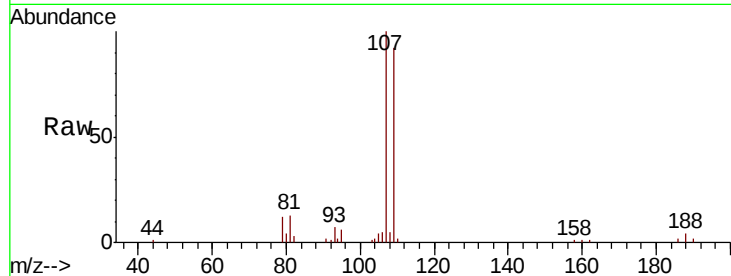




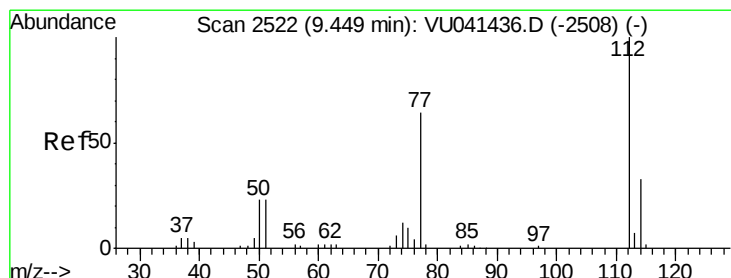
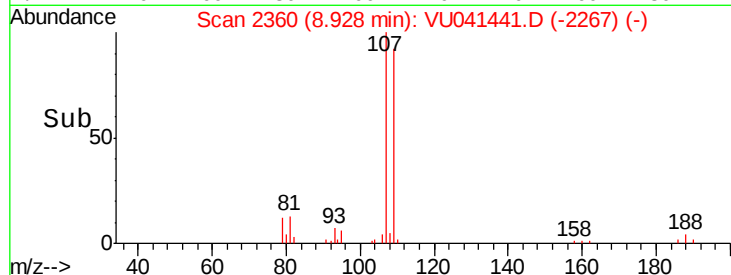
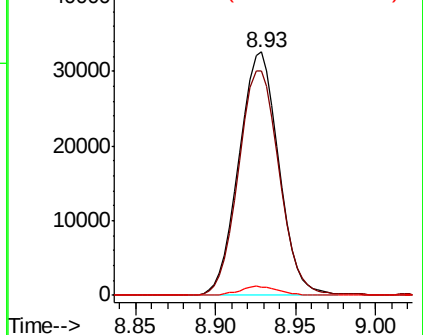
#50
 1,2-Dibromoethane
 Concen: 15.503 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

Tot Ion:107 Resp: 55366
 Ion Ratio Lower Upper
 107 100
 109 92.2 65.2 121.2
 188 3.5 2.7 4.1

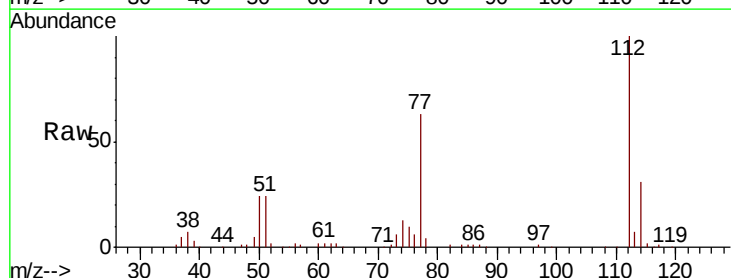


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

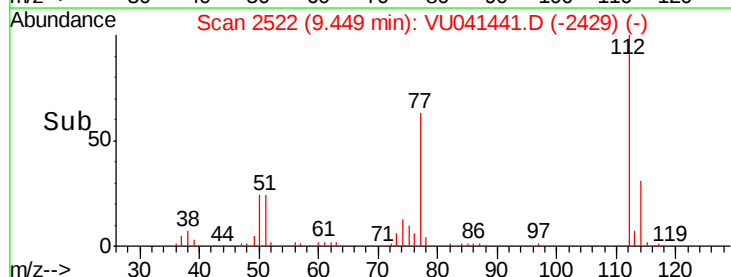
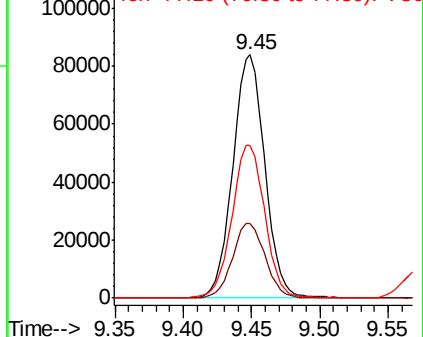


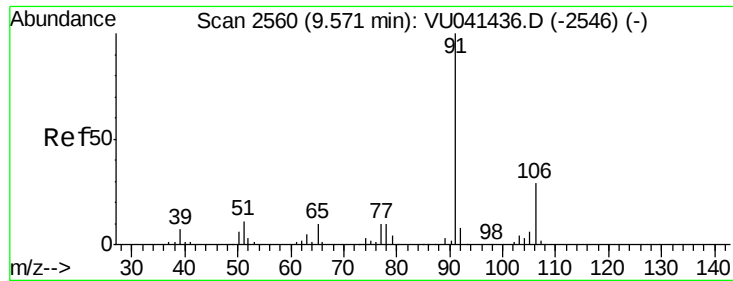
#51
 Chlorobenzene
 Concen: 10.764 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Tgt Ion:112 Resp: 137155
 Ion Ratio Lower Upper
 112 100
 114 30.8 23.0 42.8
 77 62.9 51.8 77.6



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





#52

Ethylbenzene

Concen: 6.610 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

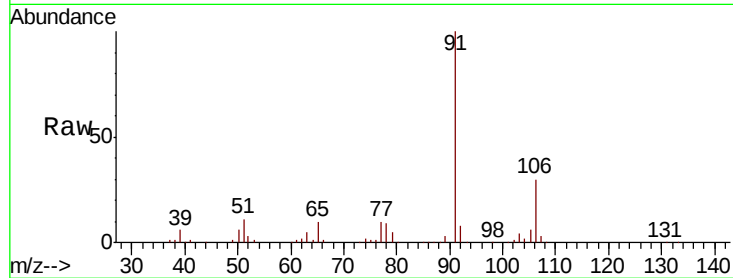
X2R09

Tot Ion: 91 Resp: 146419

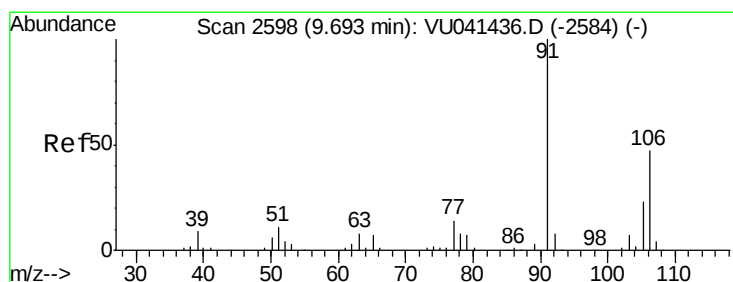
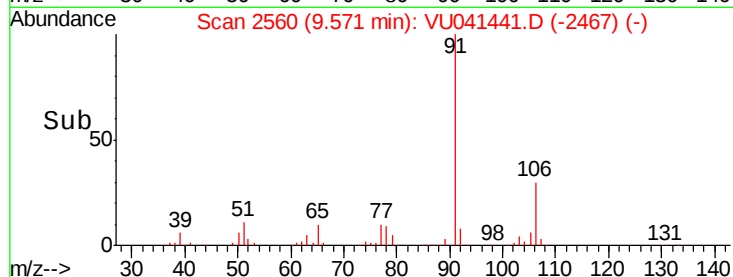
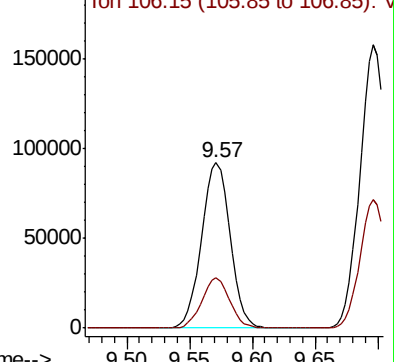
Ion Ratio Lower Upper

91 100

106 30.1 20.0 37.2



Abundance Ion 91.15 (90.85 to 91.85): VU041441.D (-2467) (-)



#53

m,p-Xylene

Concen: 13.894 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041441.D

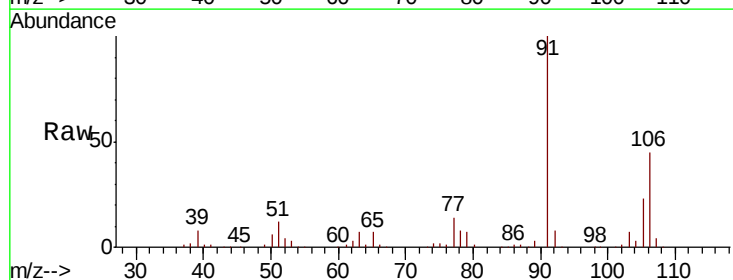
Acq: 30 Nov 2020 14:20

Tgt Ion: 106 Resp: 110994

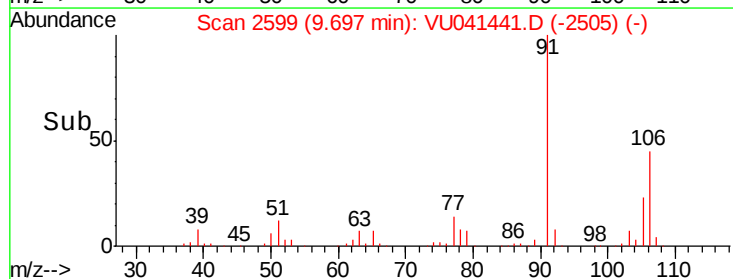
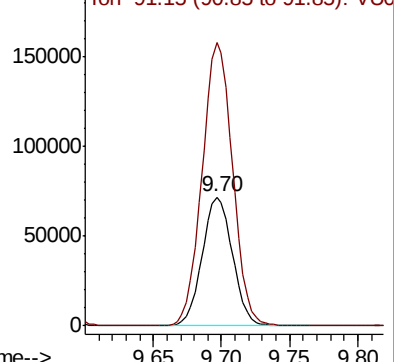
Ion Ratio Lower Upper

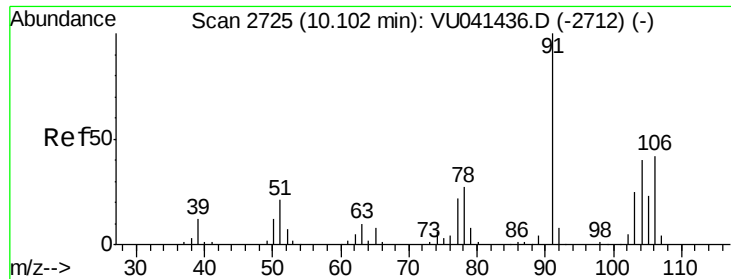
106 100

91 220.1 148.6 276.0



Abundance Ion 106.15 (105.85 to 106.85): VU041441.D (-2505) (-)

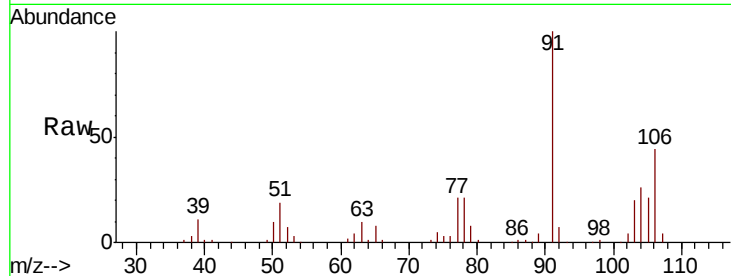




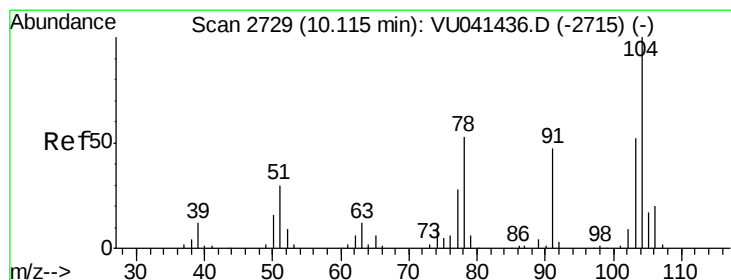
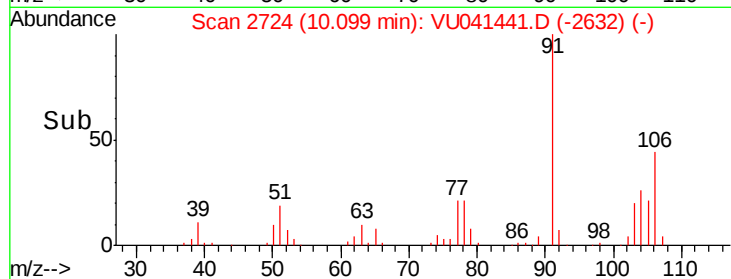
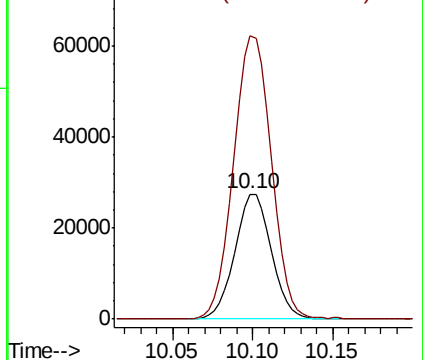
#54
o-Xylene
Concen: 5.507 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
X2R09

Tot Ion:106 Resp: 42493
Ion Ratio Lower Upper
106 100
91 226.3 166.9 310.0

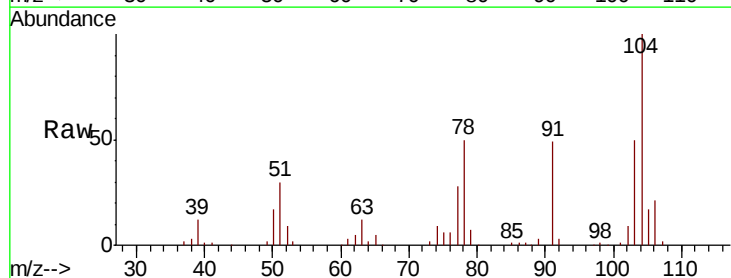


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

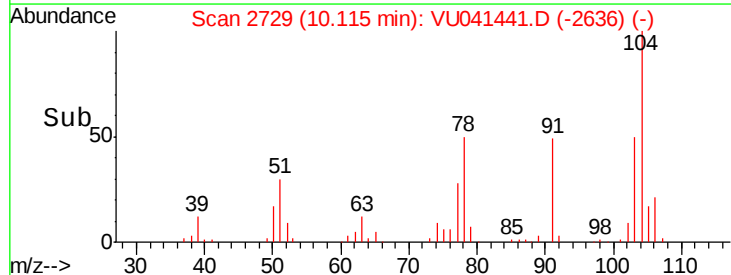
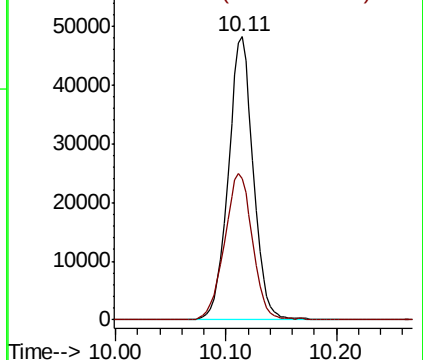


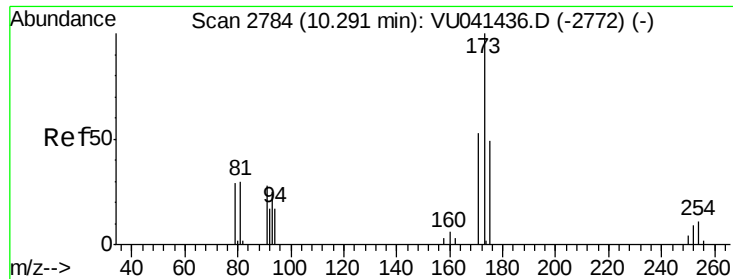
#55
Styrene
Concen: 5.561 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU041441.D
Acq: 30 Nov 2020 14:20

Tgt Ion:104 Resp: 75558
Ion Ratio Lower Upper
104 100
78 50.0 37.5 69.7



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





#59

Bromoform

Concen: 5.431 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

X2R09

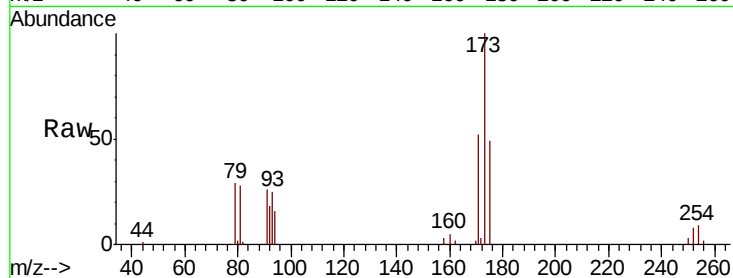
Tot Ion:173 Resp: 14578

Ion Ratio Lower Upper

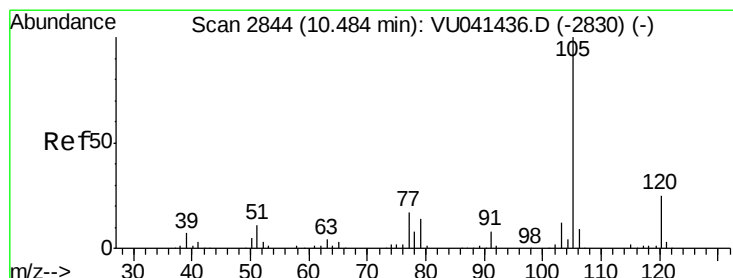
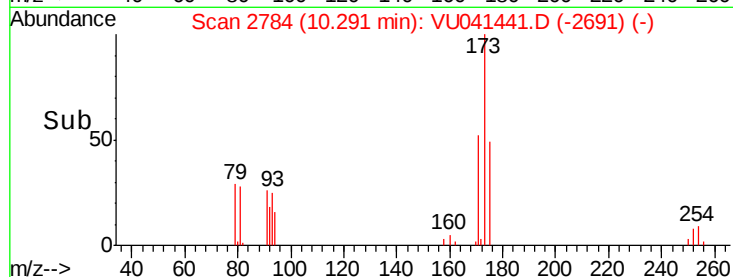
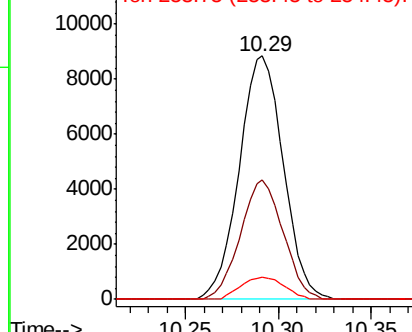
173 100

175 47.5 36.9 55.3

254 8.8 7.4 11.0



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#60

Isopropylbenzene

Concen: 3.642 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

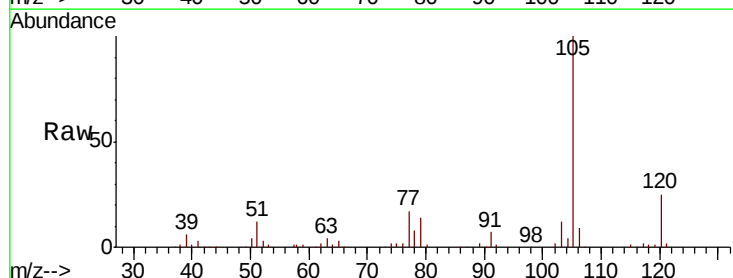
Tgt Ion:105 Resp: 74026

Ion Ratio Lower Upper

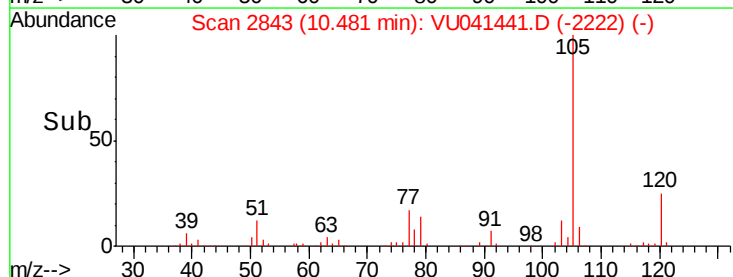
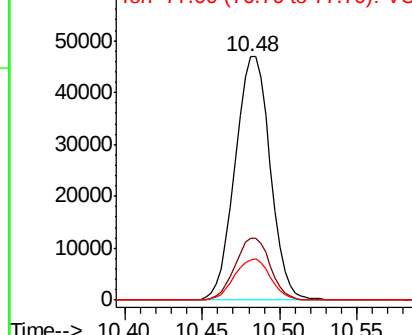
105 100

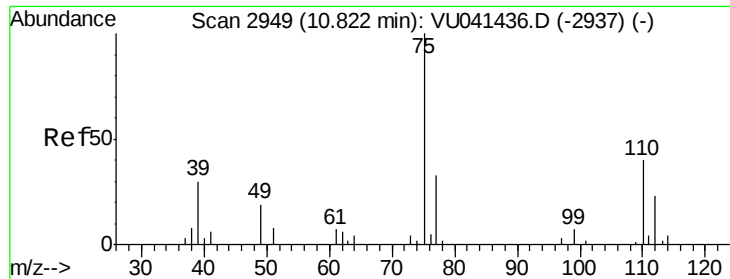
120 25.3 20.3 30.5

77 17.3 13.9 20.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V

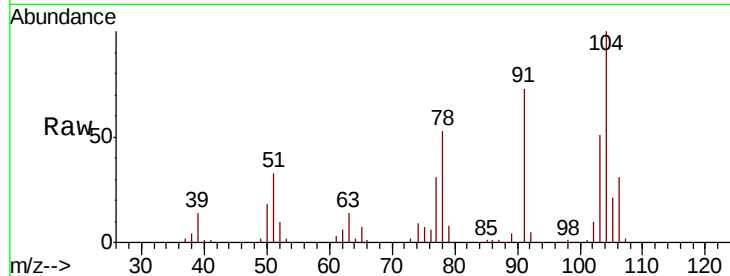




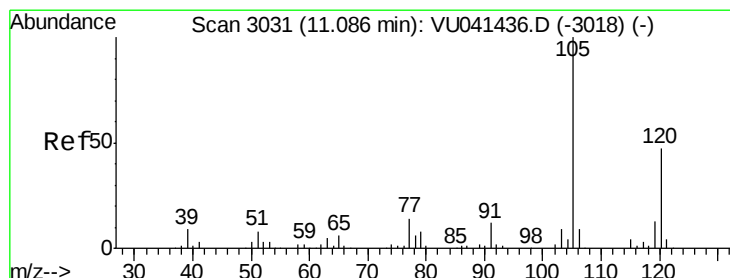
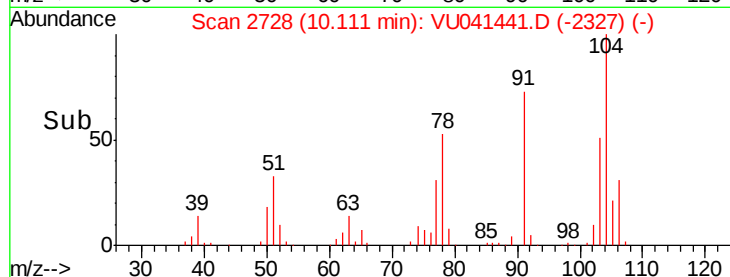
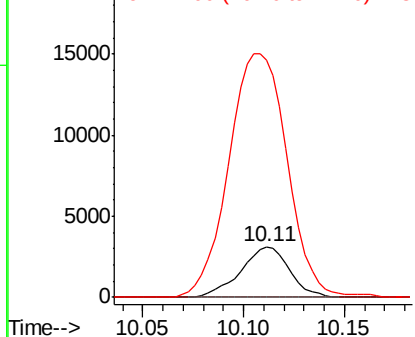
#61
 1,2,3-Trichloropropane
 Concen: 1.495 ug/L
 RT: 10.11 min Scan# 2728
 Delta R.T. -0.71 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

Tot Ion: 75 Resp: 5284
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.0 49.4#
 77 573.8 27.4 41.0#

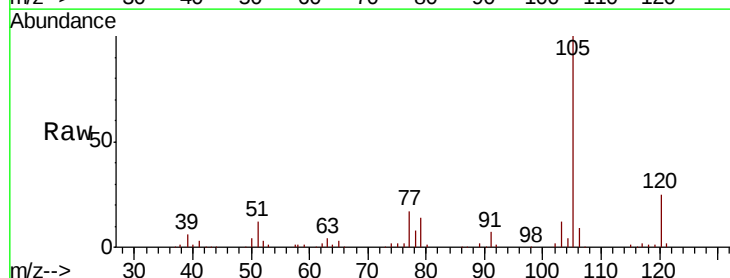


Abundance Ion 75.00 (74.70 to 75.70): VU
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU

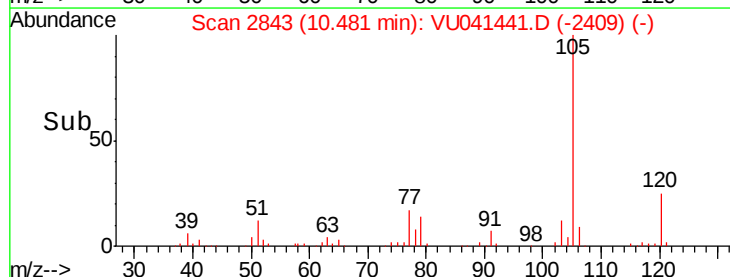
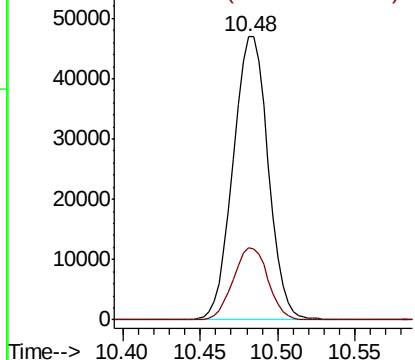


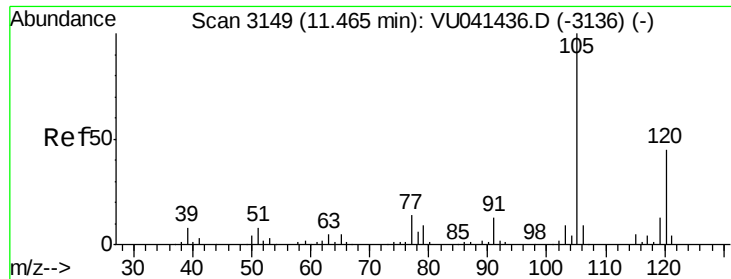
#62
 1,3,5-Trimethylbenzene
 Concen: 4.256 ug/L
 RT: 10.48 min Scan# 2843
 Delta R.T. -0.60 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Tgt Ion: 105 Resp: 74026
 Ion Ratio Lower Upper
 105 100
 120 25.3 36.6 54.8#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

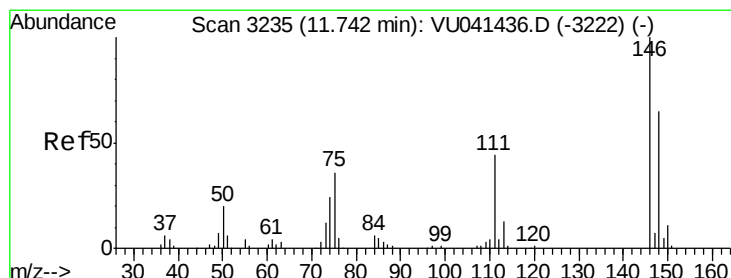
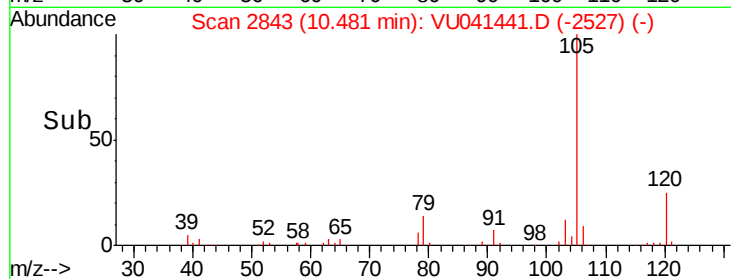
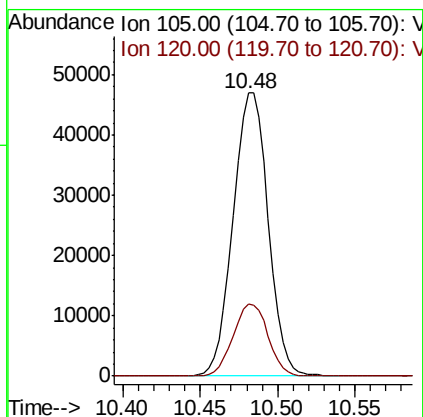
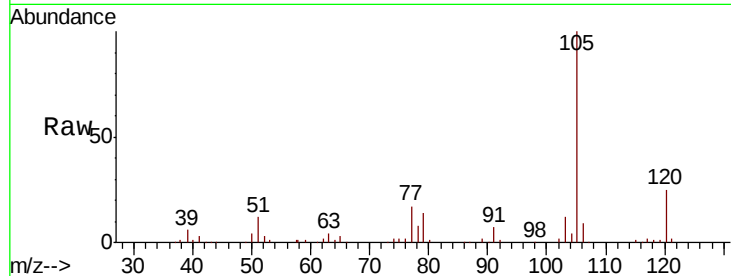




#63
 1,2,4-Trimethylbenzene
 Concen: 4.193 ug/L
 RT: 10.48 min Scan# 2843
 Delta R.T. -0.98 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

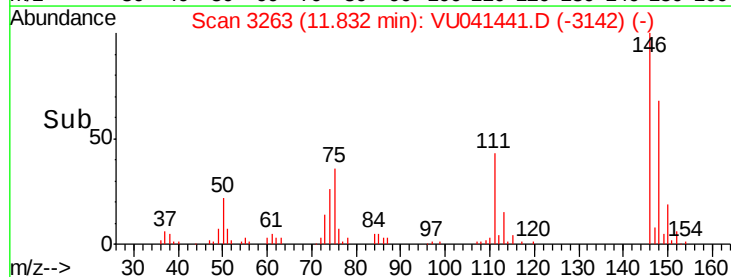
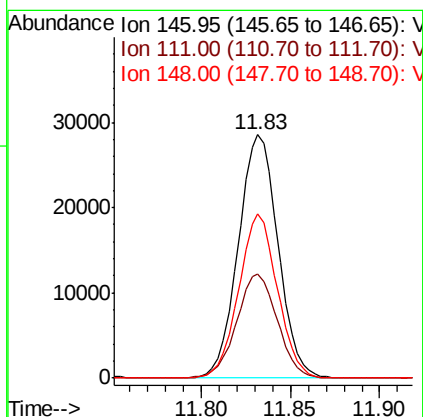
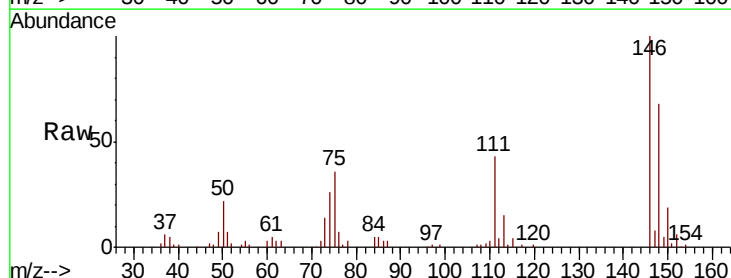
Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

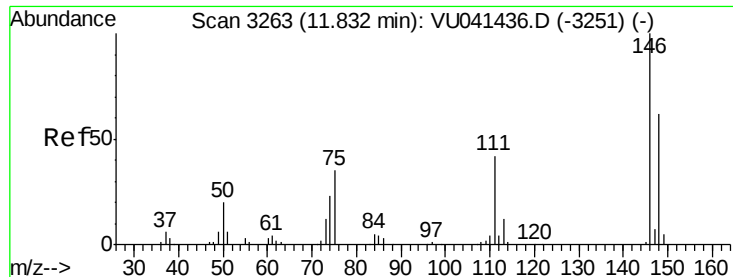
Tot Ion:105 Resp: 74026
 Ion Ratio Lower Upper
 105 100
 120 25.3 35.4 53.2#



#64
 1,3-Dichlorobenzene
 Concen: 4.398 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.09 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Tgt Ion:146 Resp: 44514
 Ion Ratio Lower Upper
 146 100
 111 42.9 30.9 57.3
 148 67.7 45.8 85.0





#65

1,4-Dichlorobenzene

Concen: 4.341 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

X2R09

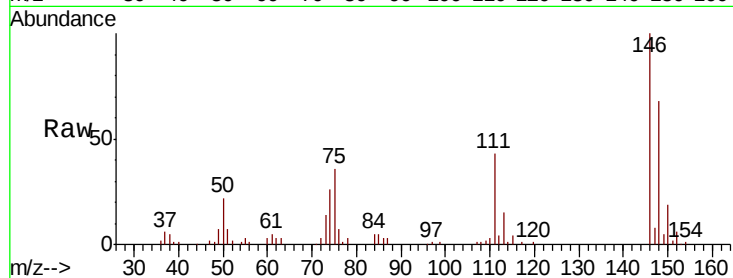
Tot Ion:146 Resp: 44514

Ion Ratio Lower Upper

146 100

111 42.9 29.4 54.6

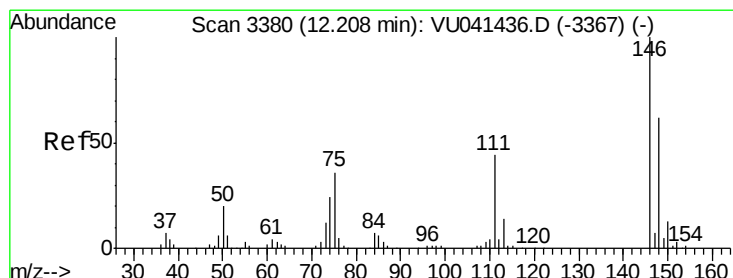
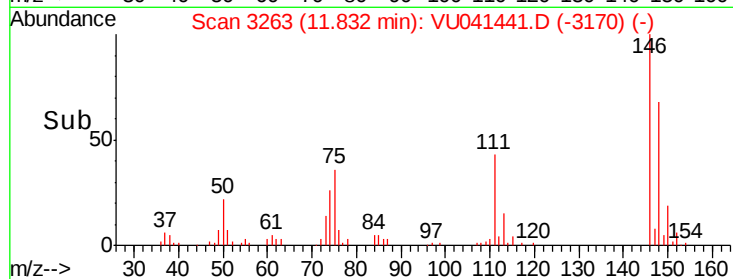
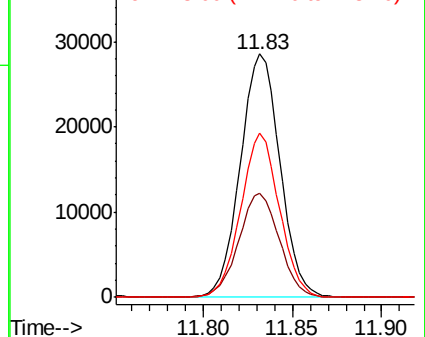
148 67.7 43.7 81.1



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



#67

1,2-Dichlorobenzene

Concen: 12.295 ug/L

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

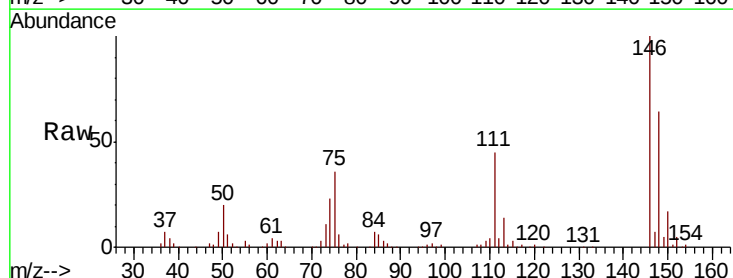
Tgt Ion:146 Resp: 121715

Ion Ratio Lower Upper

146 100

111 45.5 35.3 52.9

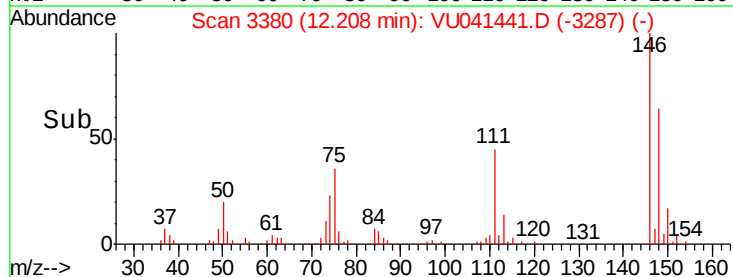
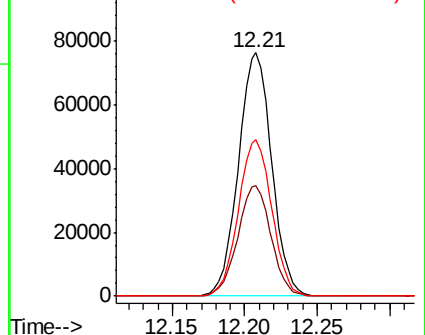
148 64.1 49.6 74.4

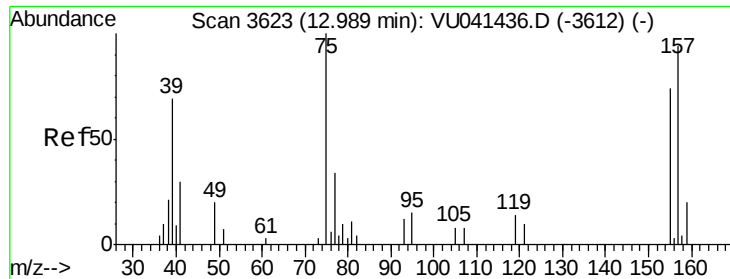


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2-Dibromo-3-chloropropane

Concen: 3.976 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

X2R09

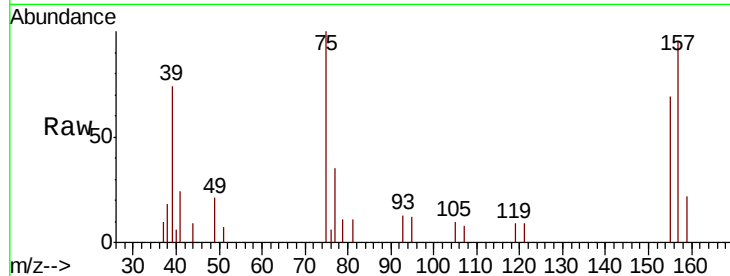
Tot Ion: 75 Resp: 3840

Ion Ratio Lower Upper

75 100

155 69.5 59.3 88.9

157 94.5 75.1 112.7

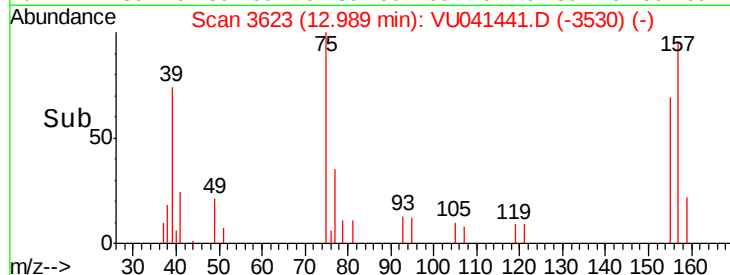


Abundance Ion 75.05 (74.75 to 75.75): VU041436.D (-3612) (-)

Ion 154.95 (154.65 to 155.65): VU041436.D (-3612) (-)

Ion 156.90 (156.60 to 157.60): VU041436.D (-3612) (-)

Time-->



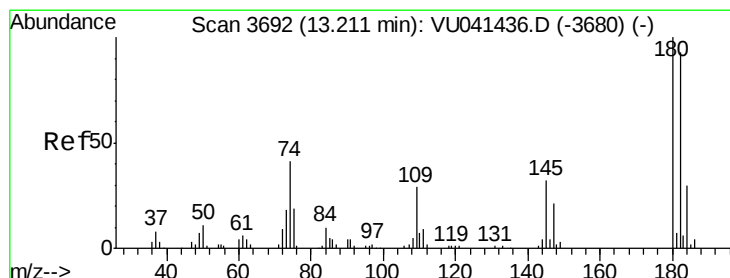
Abundance

Ion 75.05 (74.75 to 75.75): VU041441.D (-3530) (-)

Ion 154.95 (154.65 to 155.65): VU041441.D (-3530) (-)

Ion 156.90 (156.60 to 157.60): VU041441.D (-3530) (-)

Time-->



#69

1,3,5-Trichlorobenzene

Concen: 5.736 ug/L

RT: 13.21 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VU041441.D

Acq: 30 Nov 2020 14:20

Tgt Ion: 180 Resp: 44065

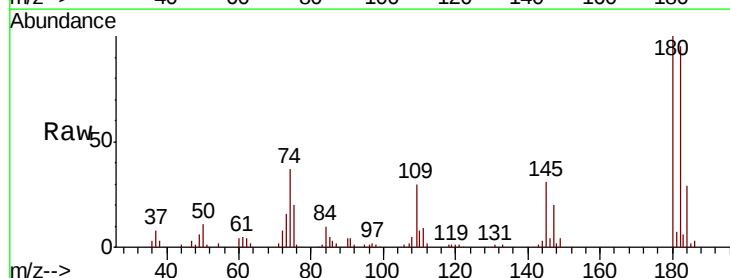
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.2

184 30.1 24.1 36.1

145 32.1 26.1 39.1



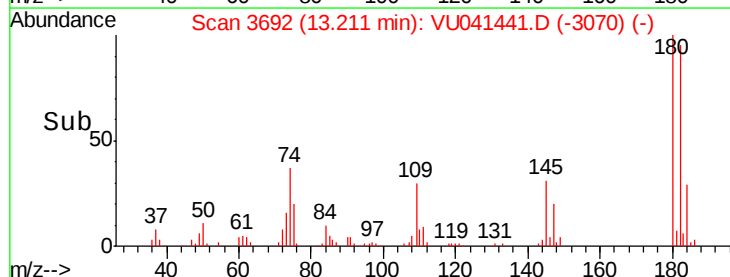
Abundance Ion 180.00 (179.70 to 180.70): VU041436.D (-3680) (-)

Ion 182.00 (181.70 to 182.70): VU041436.D (-3680) (-)

Ion 184.00 (183.70 to 184.70): VU041436.D (-3680) (-)

Ion 145.00 (144.70 to 145.70): VU041436.D (-3680) (-)

Time-->



Abundance

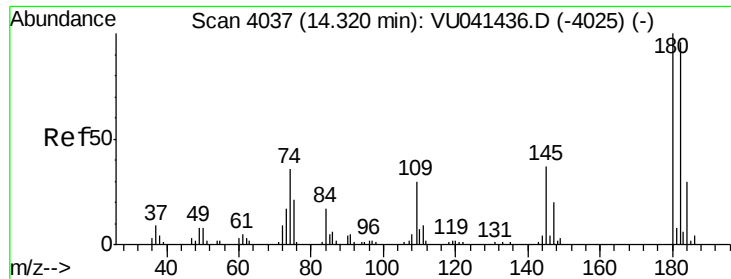
Ion 180.00 (179.70 to 180.70): VU041441.D (-3070) (-)

Ion 182.00 (181.70 to 182.70): VU041441.D (-3070) (-)

Ion 184.00 (183.70 to 184.70): VU041441.D (-3070) (-)

Ion 145.00 (144.70 to 145.70): VU041441.D (-3070) (-)

Time-->



#72
 1,2,3-Trichlorobenzene
 Concen: 10.902 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. -0.00 min
 Lab File: VU041441.D
 Acq: 30 Nov 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 X2R09

Tot Ion:	180	Resp:	62516
Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.6	116.4
145	34.9	28.6	43.0

