

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121620\
 Data File : VU041663.D
 Acq On : 16 Dec 2020 12:05
 Operator : SY/MD
 Sample : L4958-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:09:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 03:56:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	283924	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	257139	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	127767	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	99727	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	86202	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.88%
11) 1,1-Dichloroethene-d2	2.58	63	209182	55.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.38%
21) 2-Butanone-d5	4.65	46	165772	102.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.56%
24) Chloroform-d	5.08	84	170093	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
26) 1,2-Dichloroethane-d4	5.71	65	111943	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.74	84	375958	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
36) 1,2-Dichloropropane-d6	6.70	67	113483	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.90	98	347832	49.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.36%
43) trans-1,3-Dichloropropene-	8.18	79	58112	48.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.66%
47) 2-Hexanone-d5	8.64	63	135340	107.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.62%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	175170	49.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.92%
66) 1,2-Dichlorobenzene-d4	12.19	152	131410	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	208655	86.824 ug/L	98
9) Trichlorofluoromethane	2.14	101	263007	74.677 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	2324	1.218 ug/L #	49
12) 1,1-Dichloroethene	2.59	96	118333	64.930 ug/L	98
13) Acetone	2.65	43	6409	5.309 ug/L	54
14) Carbon disulfide	2.81	76	2491	0.426 ug/L #	84
15) Methyl Acetate	2.96	43	3572	1.554 ug/L #	86
18) Methyl tert-butyl Ether	3.38	73	461108	78.631 ug/L	99
20) cis-1,2-Dichloroethene	4.68	96	80068	38.692 ug/L	95
22) 2-Butanone	4.73	43	4779	2.751 ug/L #	51
27) 1,2-Dichloroethane	5.79	62	1638	0.577 ug/L #	75
33) Benzene	5.79	78	170991	21.033 ug/L	100
34) Trichloroethene	6.55	95	141219	67.044 ug/L	98
35) Methylcyclohexane	6.77	83	310563	92.995 ug/L	99
37) 1,2-Dichloropropane	6.80	63	43946	21.519 ug/L	99
39) cis-1,3-Dichloropropene	7.57	75	2953	0.907 ug/L #	58
40) 4-Methyl-2-pentanone	7.80	43	385134	128.440 ug/L	98

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

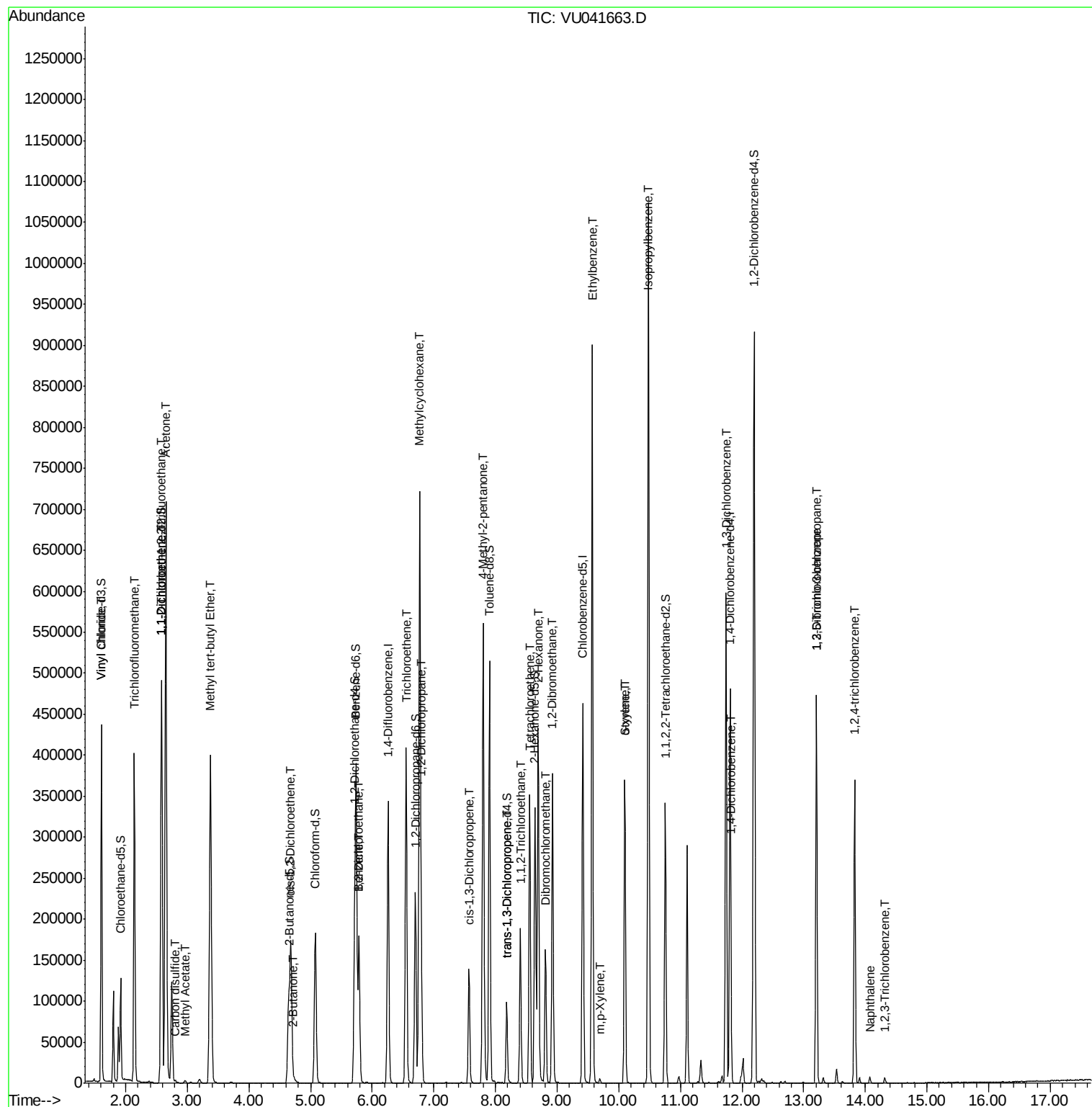
44) trans-1,3-Dichloropropene	8.19	75	2332	0.739	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	58717	28.420	ug/L	99
46) Tetrachloroethene	8.56	164	78537	48.041	ug/L	94
48) 2-Hexanone	8.69	43	286368	117.540	ug/L	98
49) Dibromochloromethane	8.81	129	85031	38.008	ug/L	96
50) 1,2-Dibromoethane	8.92	107	257013	119.166	ug/L	96
52) Ethylbenzene	9.57	91	640131	70.856	ug/L	98
53) m,p-Xylene	9.70	106	1726	0.497	ug/L	84
54) o-xylene	10.10	106	101261	29.879	ug/L	100
55) Styrene	10.10	104	6034	1.047	ug/L #	1
61) Isopropylbenzene	10.48	105	705975	80.556	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	249955	59.550	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	3019	0.713	ug/L	93
68) 1,2-Dibromo-3-chloropropan	13.20	75	23577	25.822	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.21	180	147627	48.888	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	116238	47.959	ug/L	100
71) Naphthalene	14.07	128	6661	0.847	ug/L	97
72) 1,2,3-Trichlorobenzene	14.32	180	2389	0.977	ug/L	95

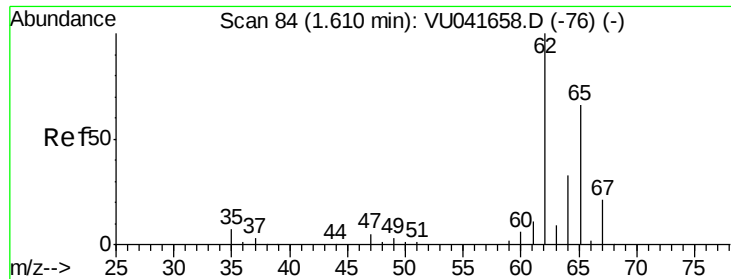
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 86.824 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

Instrument :

MSVOA_U

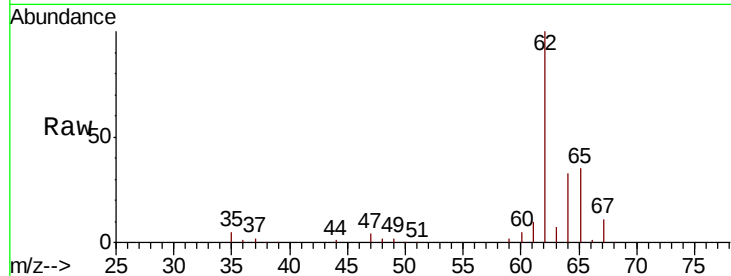
ClientSampleId :

Tot Ion: 62 Resp: 208655

Ion Ratio Lower Upper

62 100

64 32.7 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VU041663.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU041663.D (-1) (-)

1.61

200000

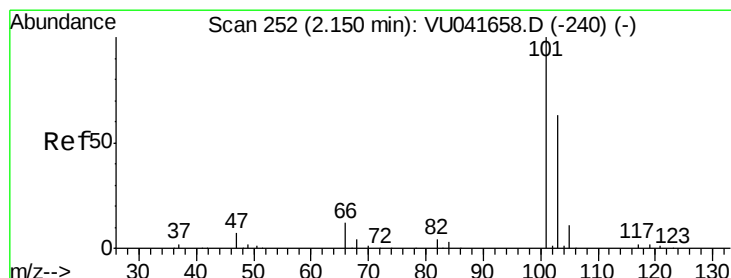
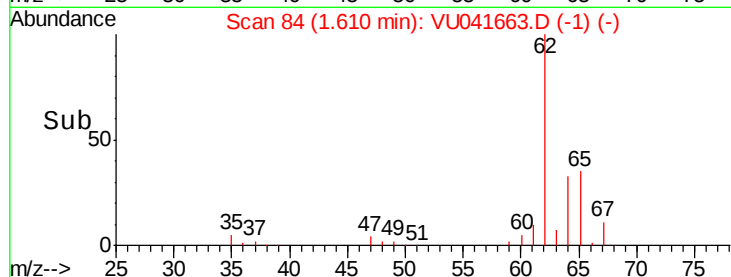
150000

100000

50000

0

Time--> 1.55 1.60 1.65



#9

Trichlorofluoromethane

Concen: 74.677 ug/L

RT: 2.14 min Scan# 250

Delta R.T. -0.01 min

Lab File: VU041663.D

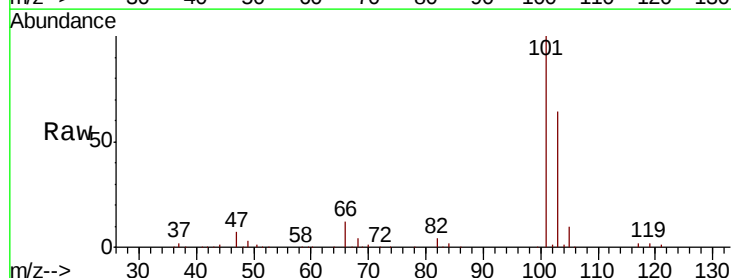
Acq: 16 Dec 2020 12:05

Tgt Ion: 101 Resp: 263007

Ion Ratio Lower Upper

101 100

103 64.7 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): VU041663.D (-128) (-)

Ion 103.00 (102.70 to 103.70): VU041663.D (-128) (-)

2.14

200000

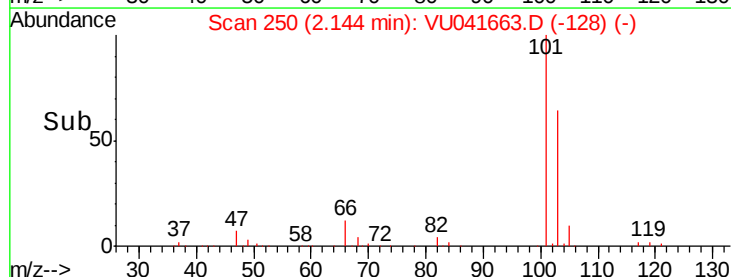
150000

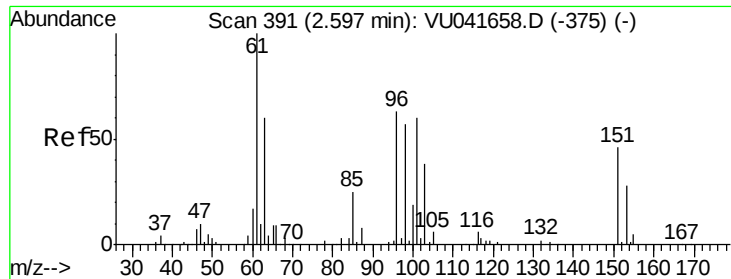
100000

50000

0

Time--> 2.10 2.15 2.20





#10

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

Concen: 1.218 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

Instrument :

MSVOA_U

ClientSampleId :

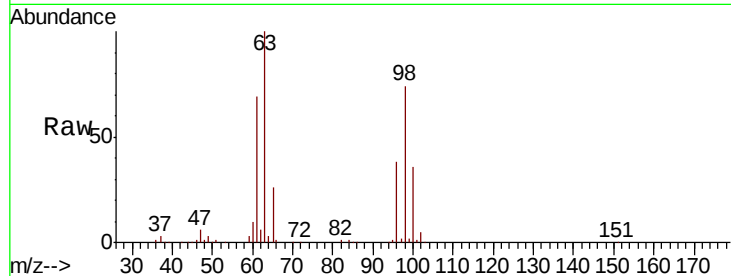
Tot Ion:101 Resp: 2324

Ion Ratio Lower Upper

101 100

85 16.0 32.7 49.1#

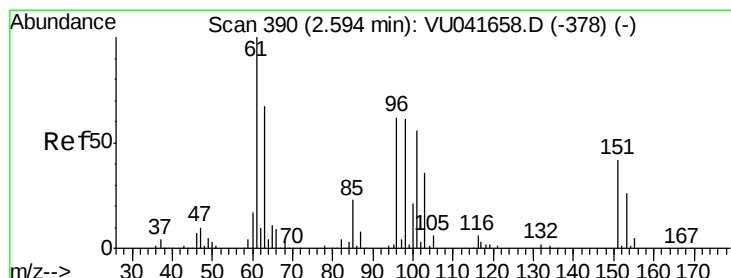
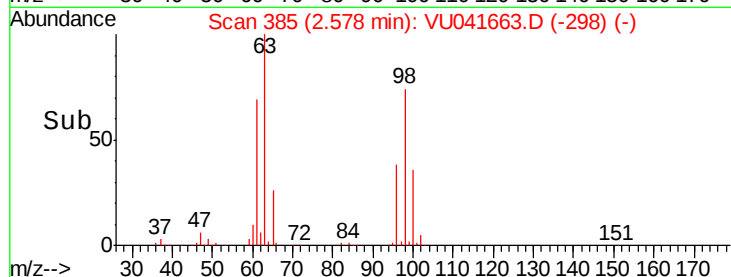
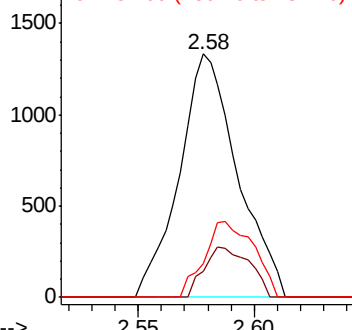
151 26.5 60.4 90.6#



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: 64.930 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

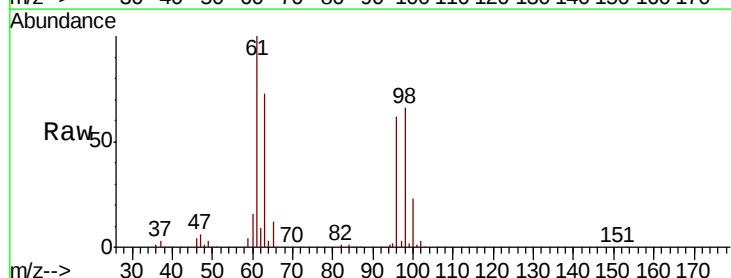
Tgt Ion: 96 Resp: 118333

Ion Ratio Lower Upper

96 100

61 160.2 114.3 212.3

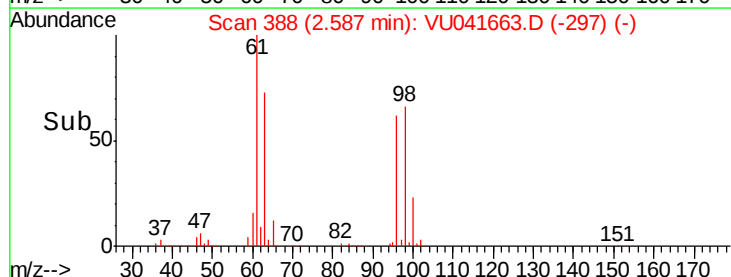
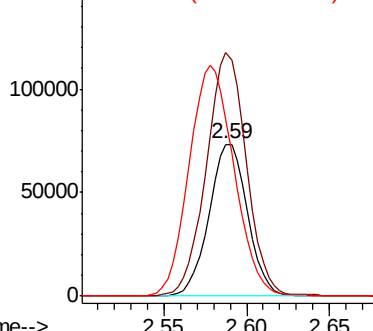
63 116.3 83.0 154.2

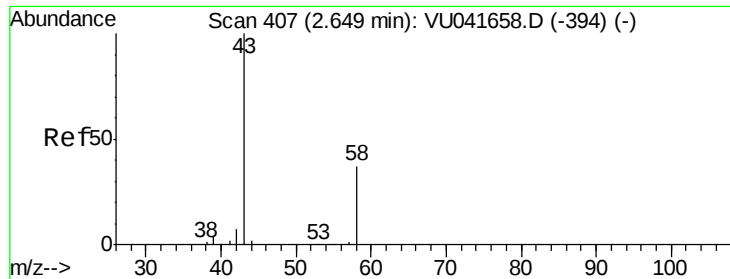


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.309 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

Instrument :

MSVOA_U

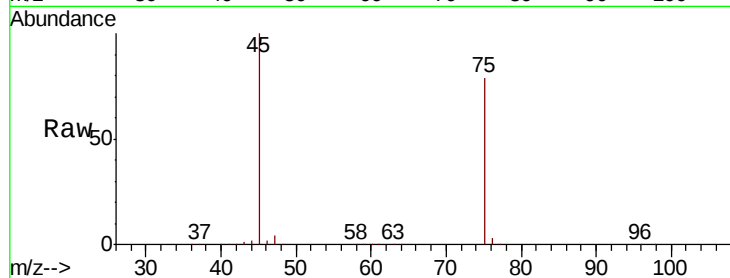
ClientSampleId :

Tot Ion: 43 Resp: 6409

Ion Ratio Lower Upper

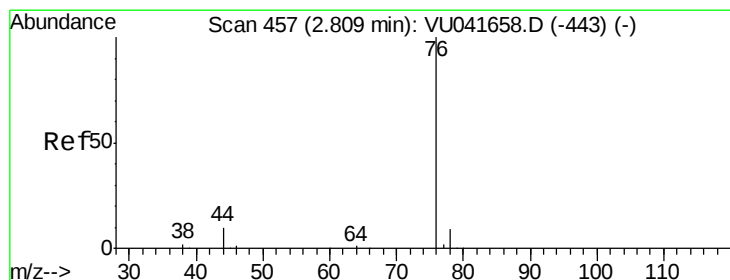
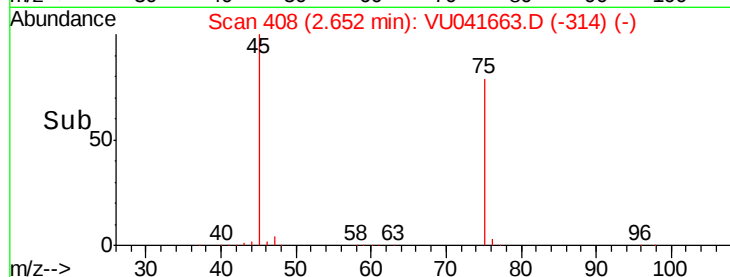
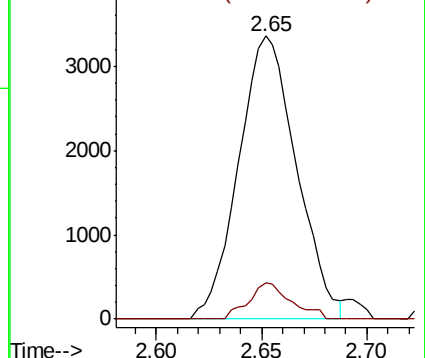
43 100

58 8.7 0.0 70.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 0.426 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU041663.D

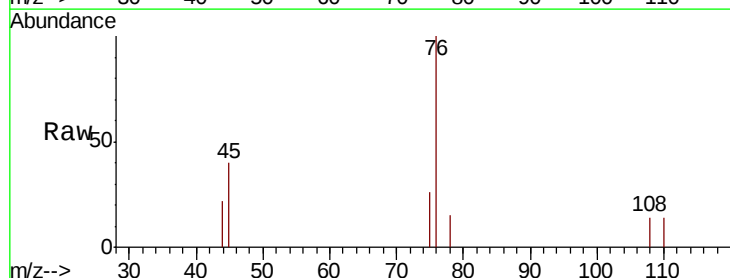
Acq: 16 Dec 2020 12:05

Tgt Ion: 76 Resp: 2491

Ion Ratio Lower Upper

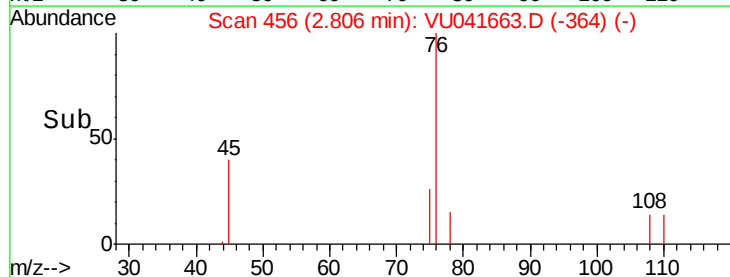
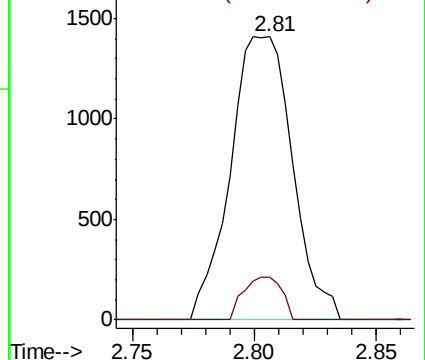
76 100

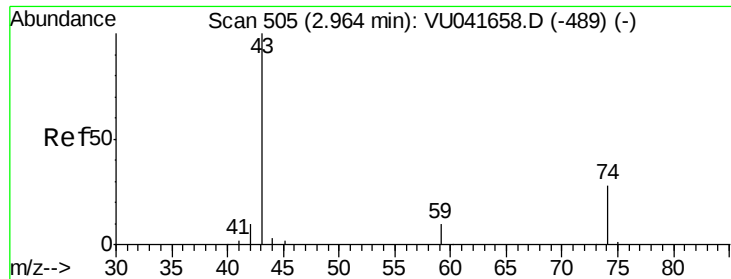
78 15.1 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methyl Acetate

Concen: 1.554 ug/L

RT: 2.96 min Scan# 505

Delta R.T. -0.00 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

Instrument :

MSVOA_U

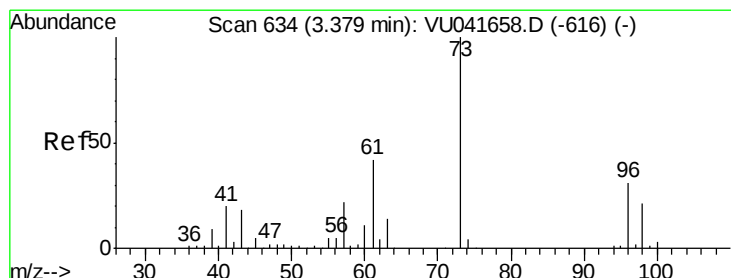
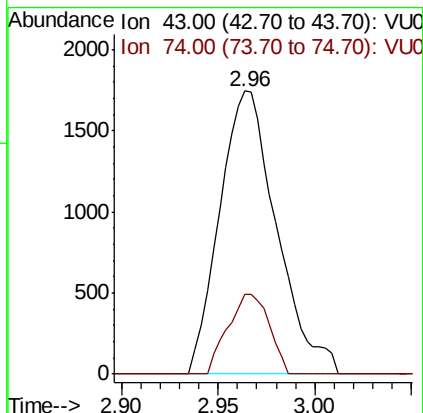
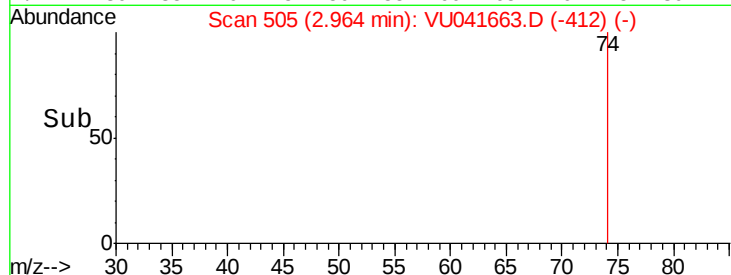
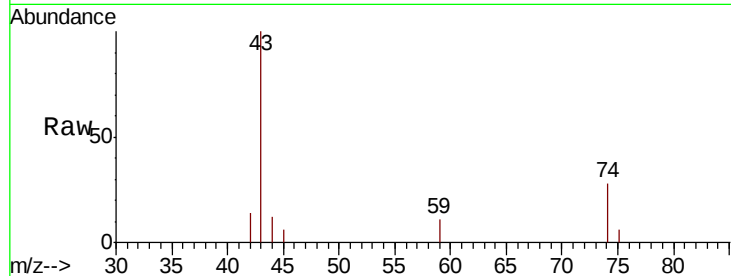
ClientSampleId :

Tot Ion: 43 Resp: 3572

Ion Ratio Lower Upper

43 100

74 20.5 22.1 33.1#



#18

Methyl tert-butyl Ether

Concen: 78.631 ug/L

RT: 3.38 min Scan# 633

Delta R.T. -0.00 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

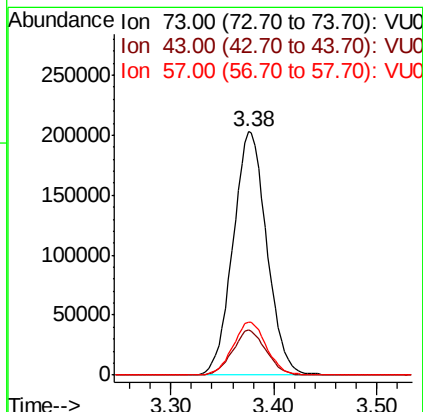
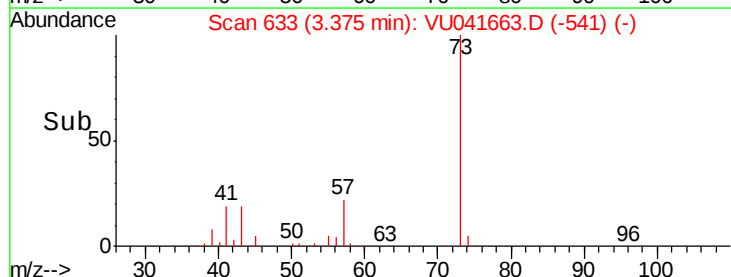
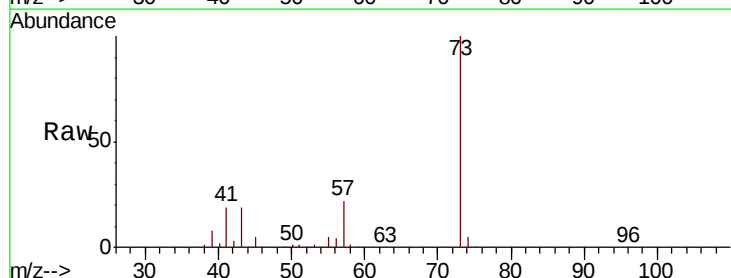
Tgt Ion: 73 Resp: 461108

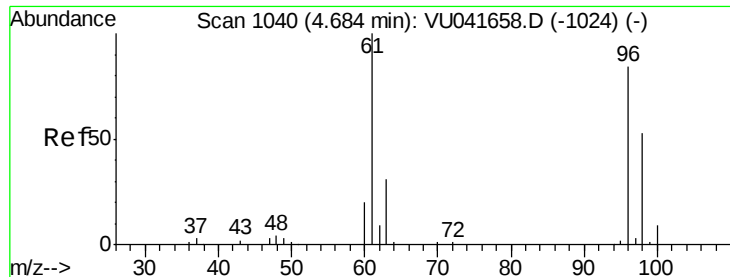
Ion Ratio Lower Upper

73 100

43 18.3 14.8 22.2

57 21.7 17.0 25.6

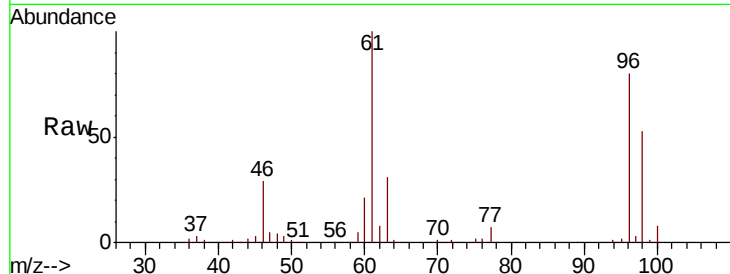




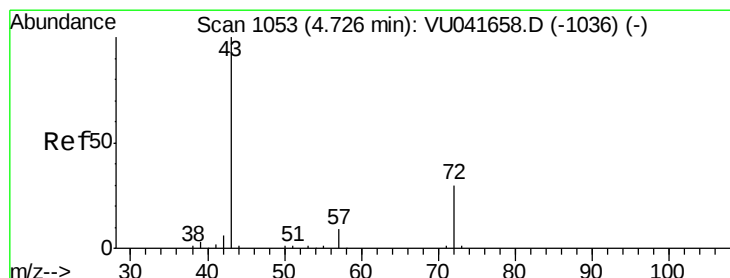
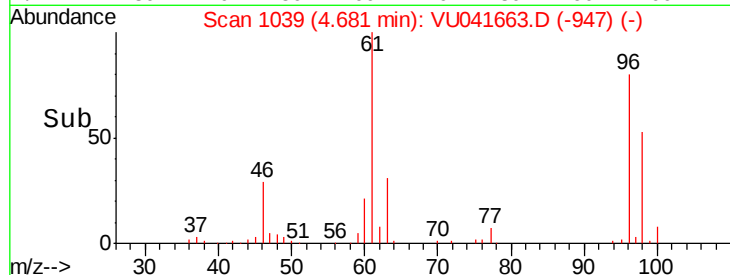
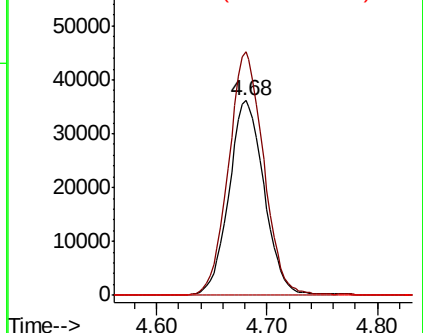
#20
 cis-1,2-Dichloroethene
 Concen: 38.692 ug/L
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 80068
 Ion Ratio Lower Upper
 96 100
 61 125.1 83.7 155.5
 68 0.0 0.0 0.0

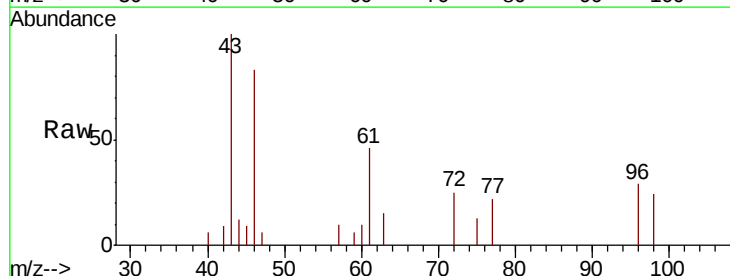


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

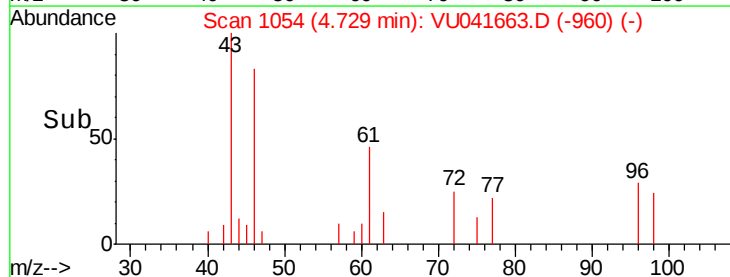
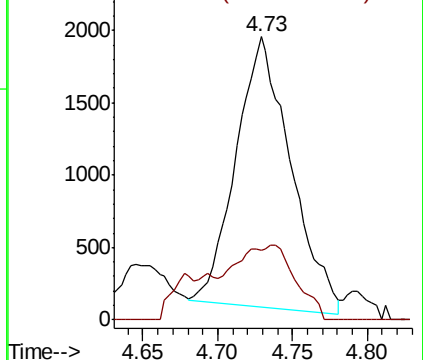


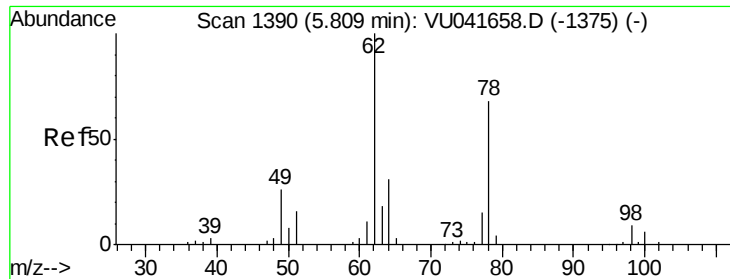
#22
 2-Butanone
 Concen: 2.751 ug/L
 RT: 4.73 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Tgt Ion: 43 Resp: 4779
 Ion Ratio Lower Upper
 43 100
 72 4.1 15.6 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0





#27

1,2-Dichloroethane

Concen: 0.577 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.02 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

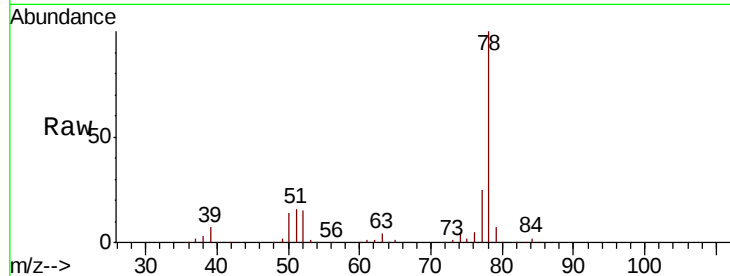
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 1638

Ion Ratio Lower Upper

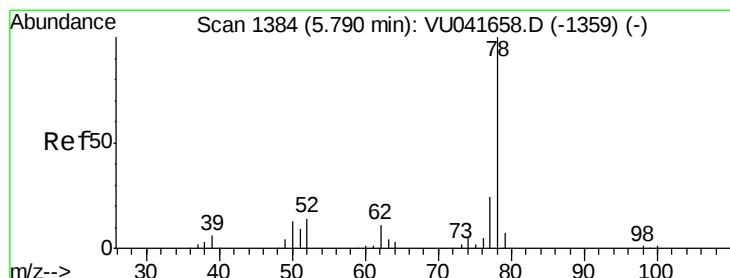
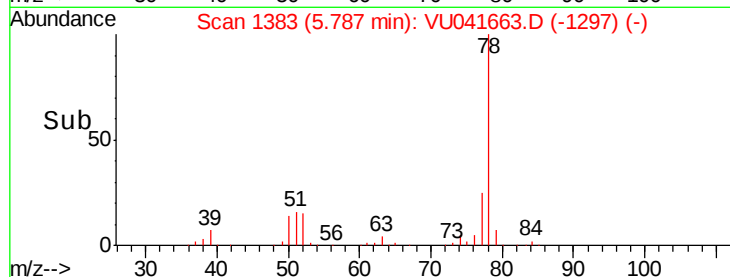
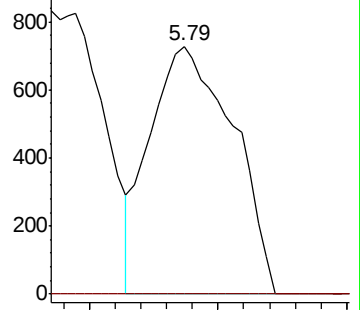
62 100

98 0.0 7.1 10.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#33

Benzene

Concen: 21.033 ug/L

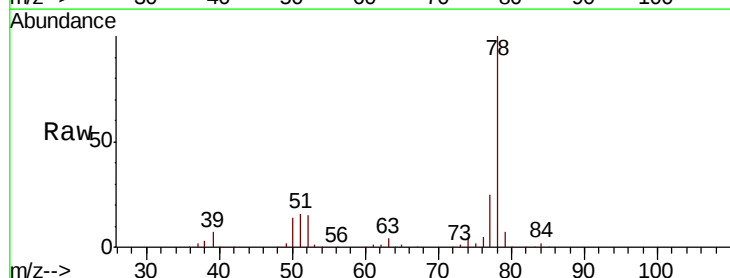
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

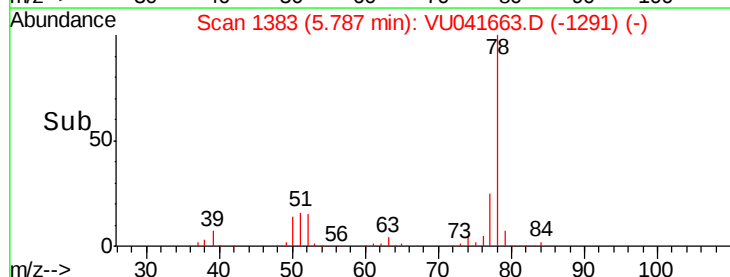
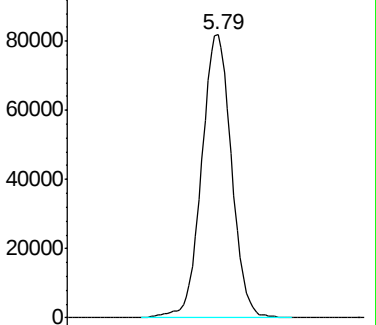
Lab File: VU041663.D

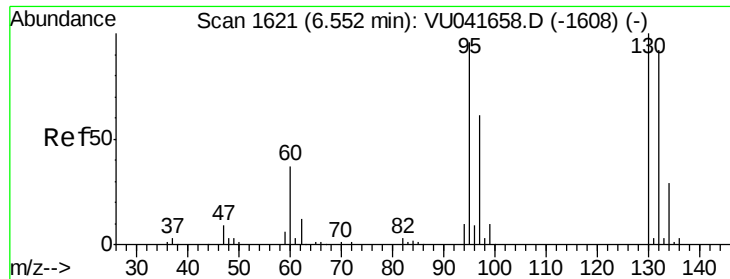
Acq: 16 Dec 2020 12:05

Tgt Ion: 78 Resp: 170991



Abundance Ion 78.00 (77.70 to 78.70): VU0

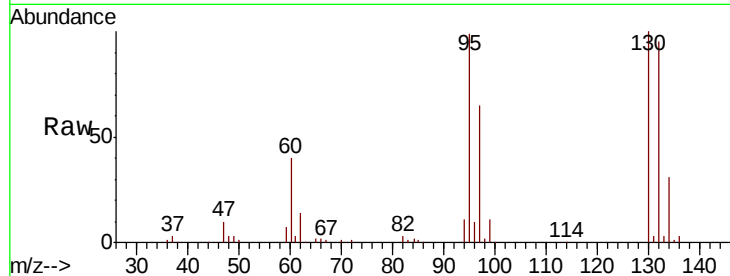




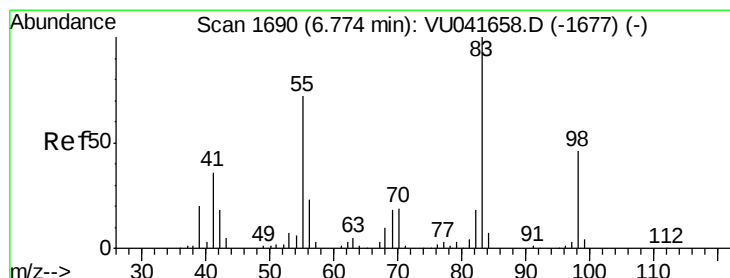
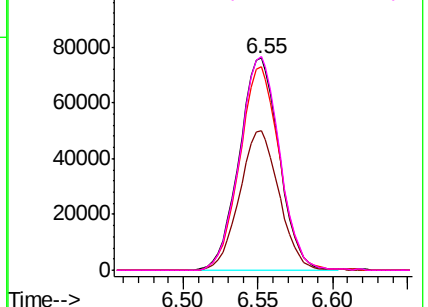
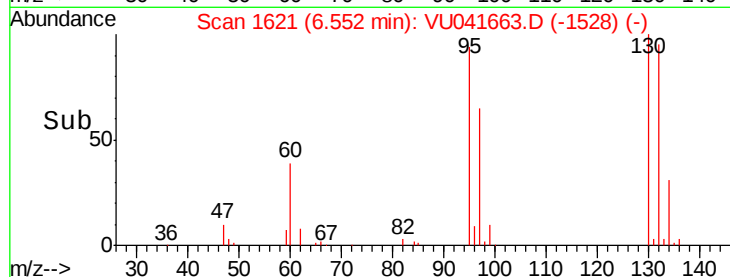
#34
 Trichloroethene
 Concen: 67.044 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 141219
 Ion Ratio Lower Upper
 95 100
 97 65.6 44.5 82.7
 132 95.9 66.7 123.9
 130 100.7 72.5 134.7

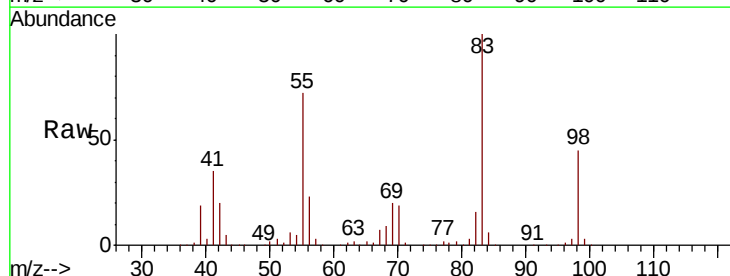


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

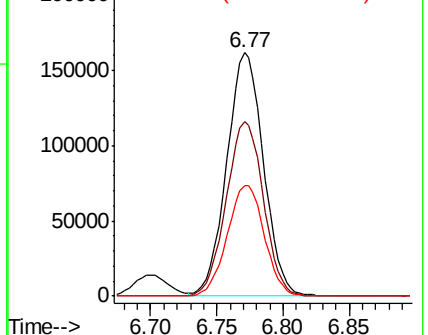
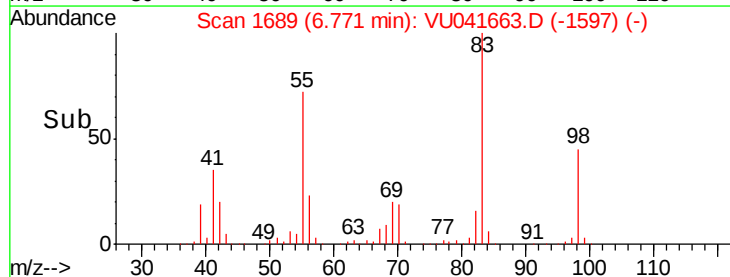


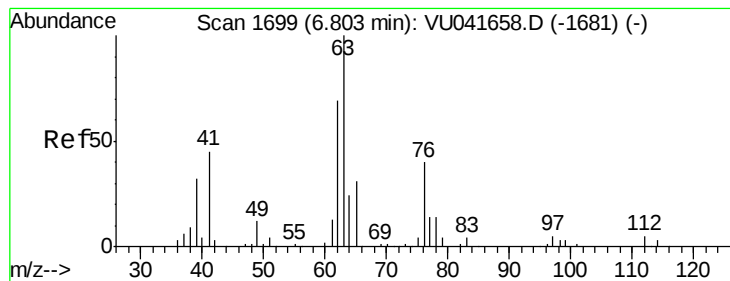
#35
 Methylcyclohexane
 Concen: 92.995 ug/L
 RT: 6.77 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Tgt Ion: 83 Resp: 310563
 Ion Ratio Lower Upper
 83 100
 55 73.0 57.8 86.6
 98 46.1 37.7 56.5



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 21.519 ug/L

RT: 6.80 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

Instrument :

MSVOA_U

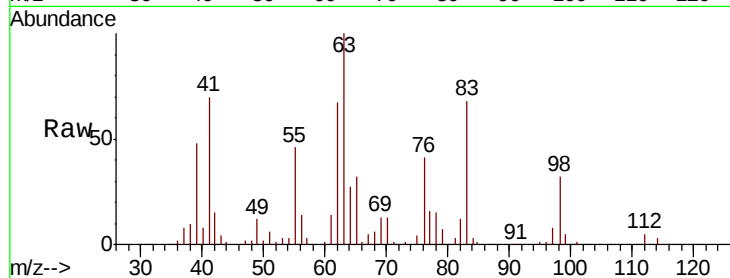
ClientSampled :

Tot Ion: 63 Resp: 43946

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



Abundance Ion 63.00 (62.70 to 63.70): VU041658.D (-1681) (-)

Ion 112.00 (111.70 to 112.70): VU041658.D (-1681) (-)

25000

20000

15000

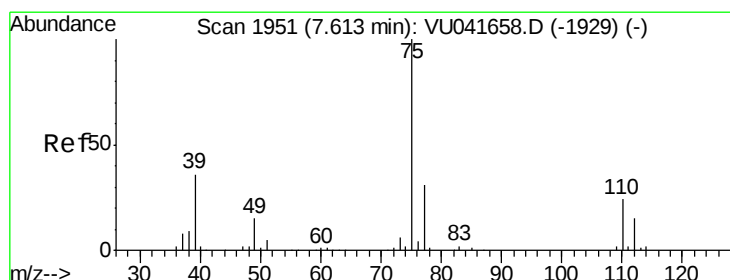
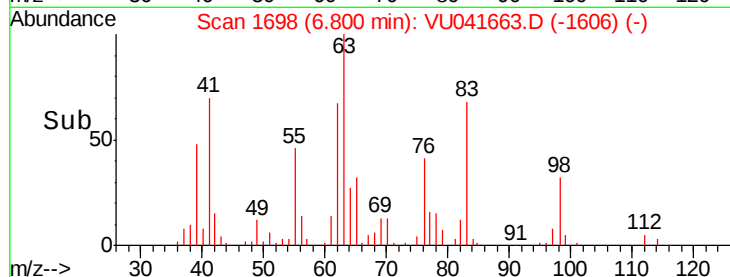
10000

5000

0

6.70 6.75 6.80 6.85

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.907 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041663.D

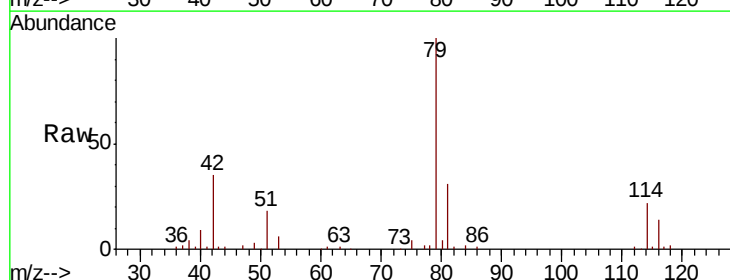
Acq: 16 Dec 2020 12:05

Tgt Ion: 75 Resp: 2953

Ion Ratio Lower Upper

75 100

77 53.3 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU041658.D (-1929) (-)

Ion 77.00 (76.70 to 77.70): VU041658.D (-1929) (-)

2000

1500

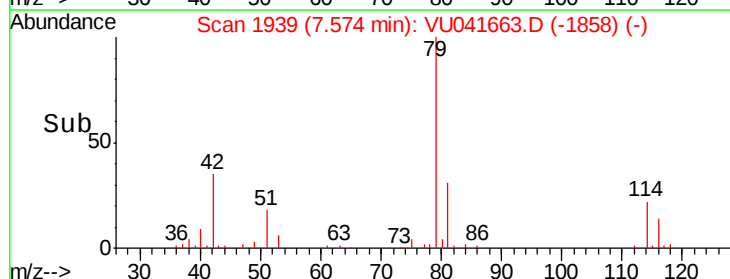
1000

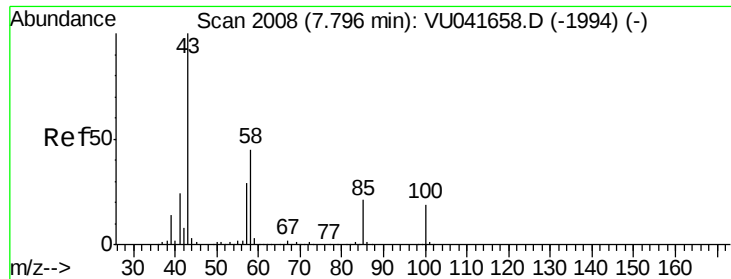
500

0

7.55 7.60

Time-->

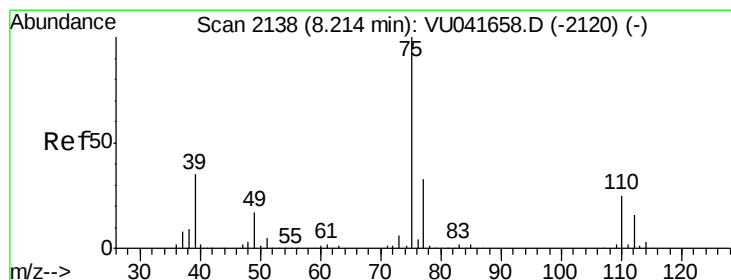
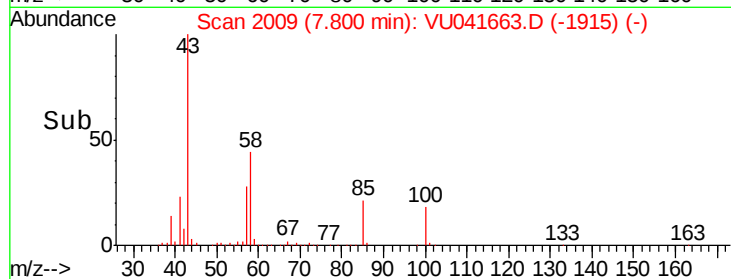
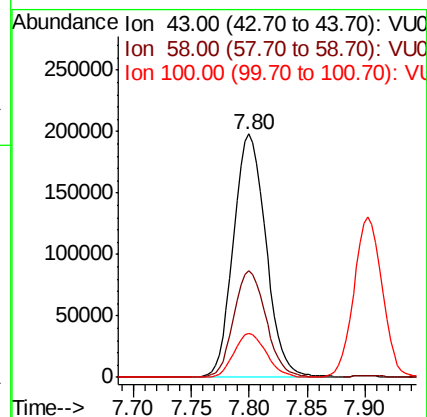
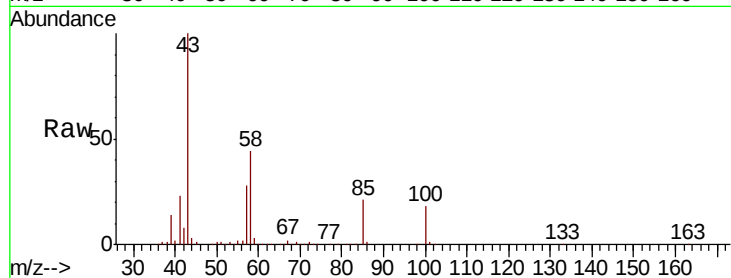




#40
4-Methyl-2-pentanone
Concen: 128.440 ug/L
RT: 7.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

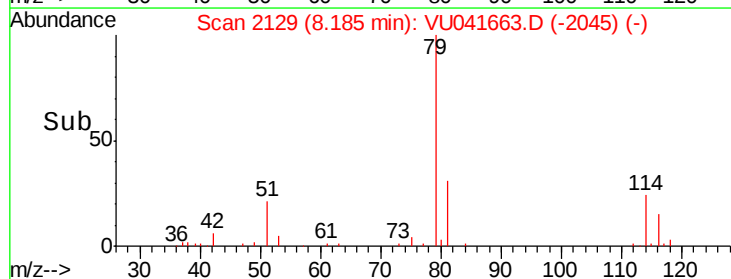
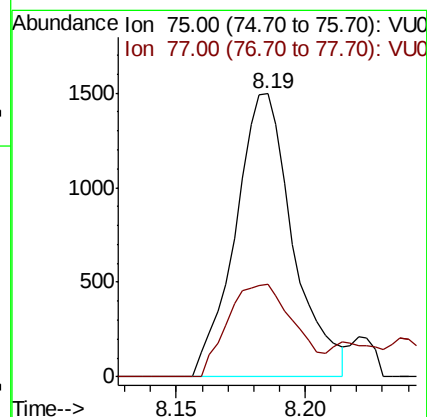
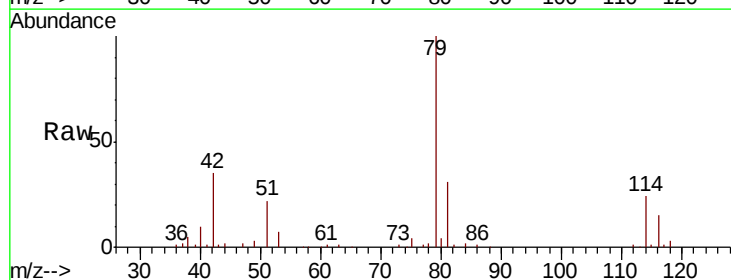
Instrument :
MSVOA_U
ClientSampleId :

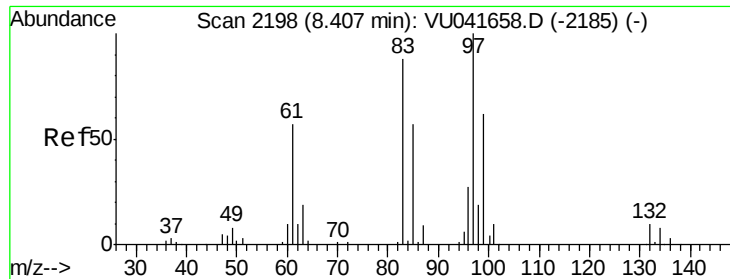
Tot Ion: 43 Resp: 385134
Ion Ratio Lower Upper
43 100
58 43.5 36.1 54.1
100 18.0 14.9 22.3



#44
trans-1,3-Dichloropropene
Concen: 0.739 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

Tgt Ion: 75 Resp: 2332
Ion Ratio Lower Upper
75 100
77 32.7 23.0 42.6

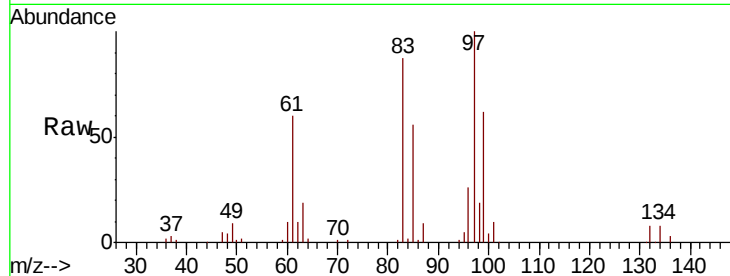




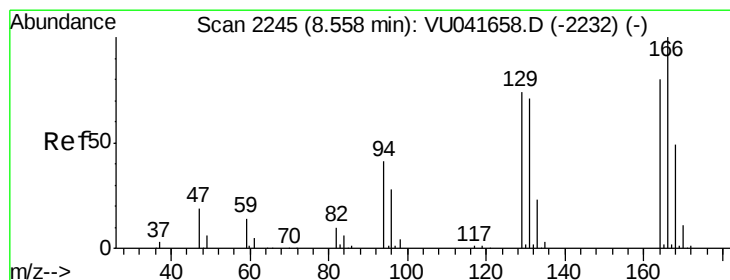
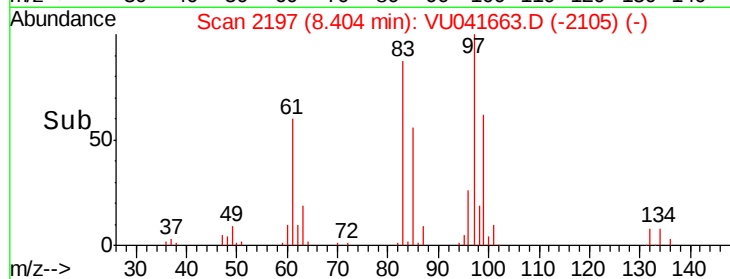
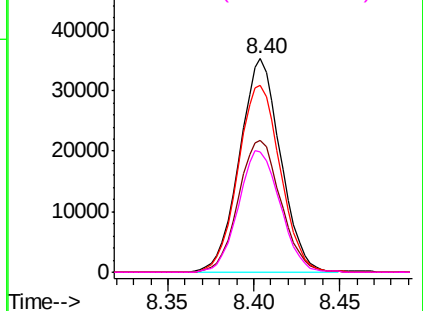
#45
1,1,2-Trichloroethane
Concen: 28.420 ug/L
RT: 8.40 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	97	Resp:	58717
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.3
83	87.3	61.4	114.0
85	56.5	40.0	74.4

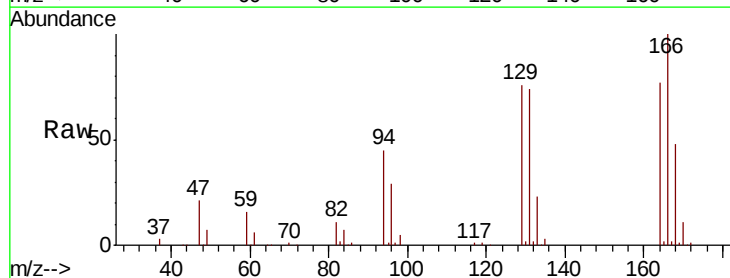


Abundance Ion 97.00 (96.70 to 97.70): VU041663.D (-2197) (-)

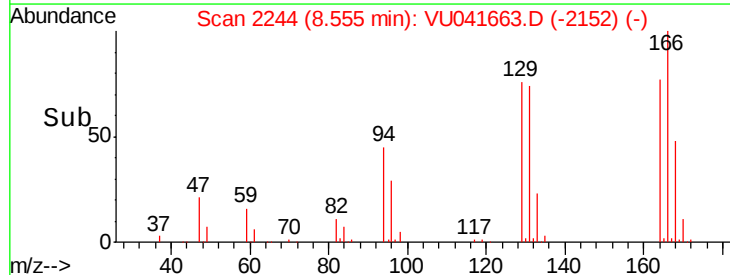
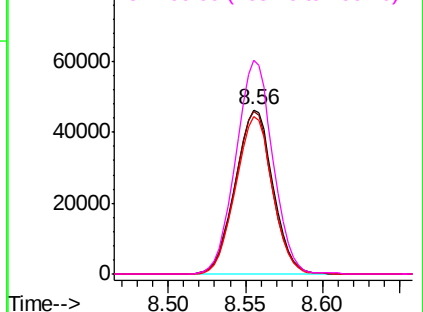


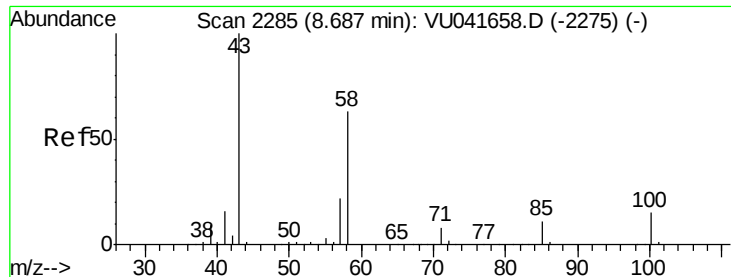
#46
Tetrachloroethene
Concen: 48.041 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

Tgt Ion:	164	Resp:	78537
Ion	Ratio	Lower	Upper
164	100		
129	99.1	64.5	119.9
131	96.1	62.5	116.1
166	130.0	87.5	162.5



Abundance Ion 164.00 (163.70 to 164.70): VU041663.D (-2244) (-)

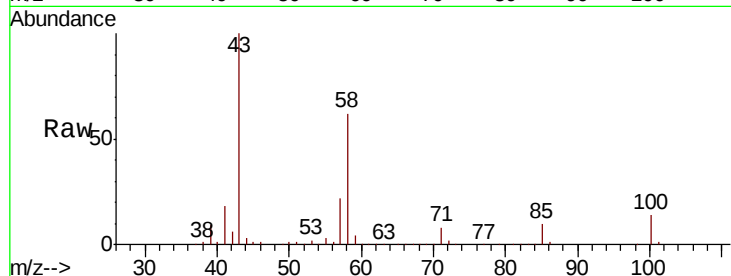




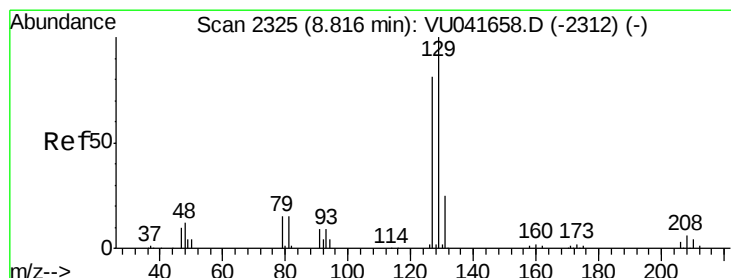
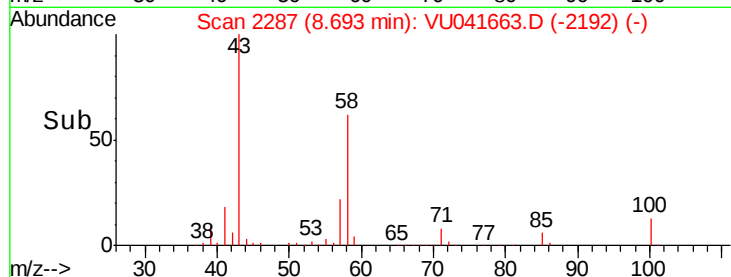
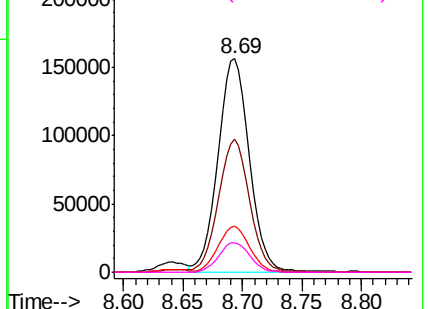
#48
2-Hexanone
Concen: 117.540 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.01 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 286368
Ion Ratio Lower Upper
43 100
58 61.8 50.4 75.6
57 21.6 17.9 26.9
100 13.8 11.9 17.9

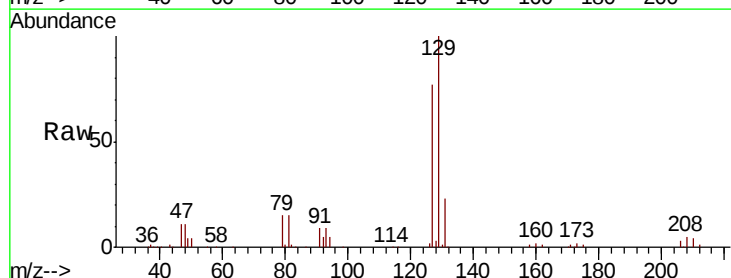


Abundance Ion 43.00 (42.70 to 43.70): VU041663.D (-2192) (-)
Ion 58.00 (57.70 to 58.70): VU041663.D (-2192) (-)
Ion 57.00 (56.70 to 57.70): VU041663.D (-2192) (-)
Ion 100.00 (99.70 to 100.70): VU041663.D (-2192) (-)

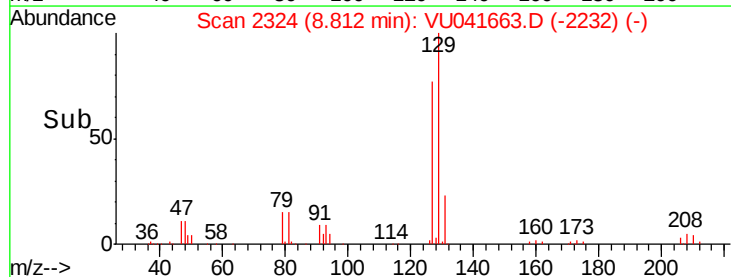
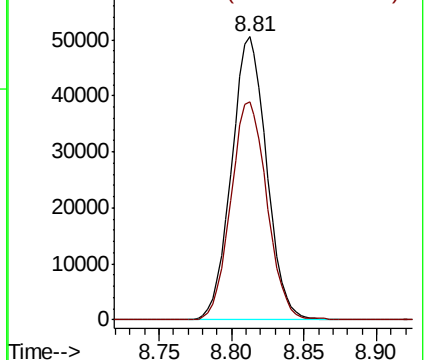


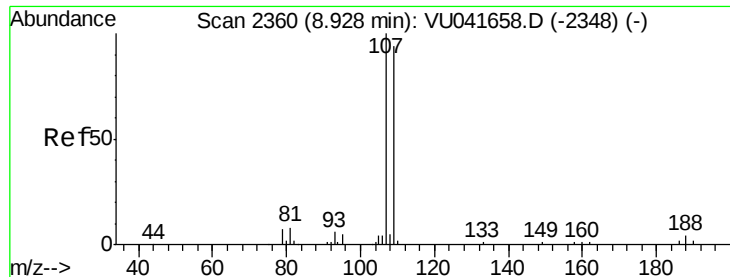
#49
Dibromochloromethane
Concen: 38.008 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

Tgt Ion: 129 Resp: 85031
Ion Ratio Lower Upper
129 100
127 77.0 56.6 105.2



Abundance Ion 129.00 (128.70 to 129.70): VU041663.D (-2232) (-)
Ion 127.00 (126.70 to 127.70): VU041663.D (-2232) (-)

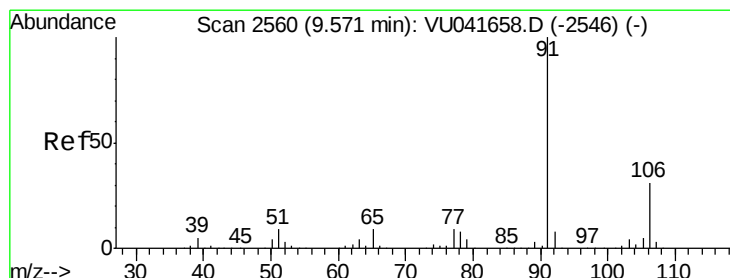
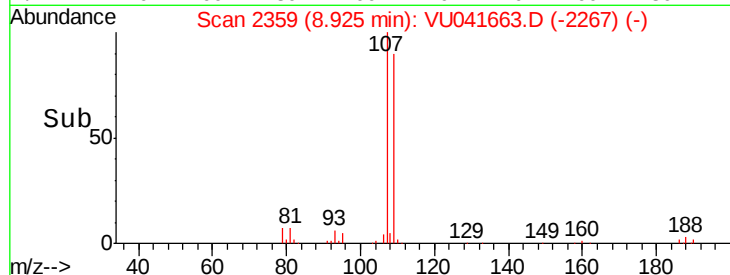
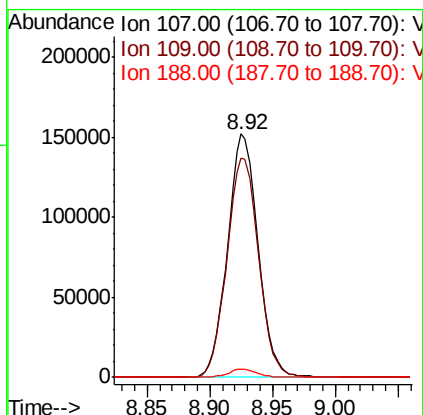
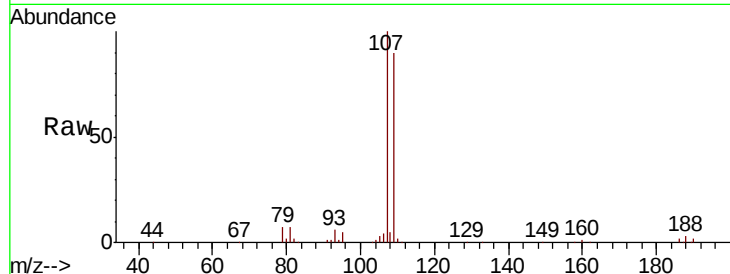




#50
 1,2-Dibromoethane
 Concen: 119.166 ug/L
 RT: 8.92 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

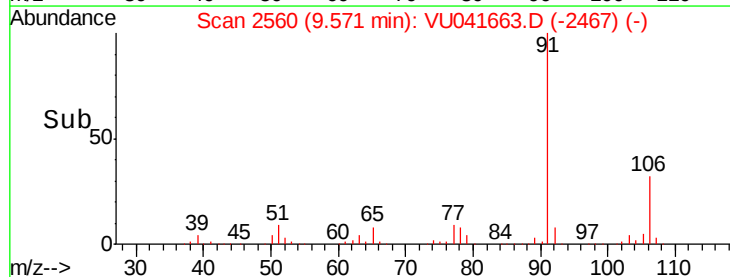
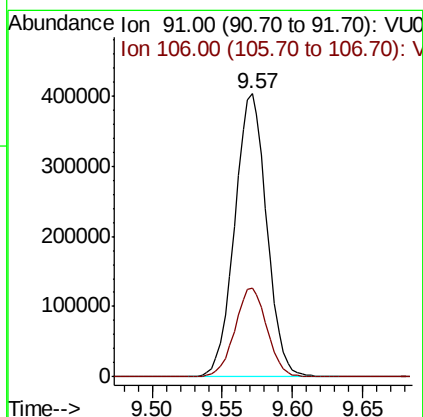
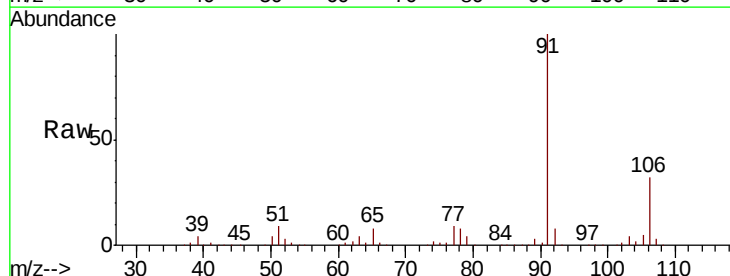
Instrument :
 MSVOA_U
 ClientSampleId :

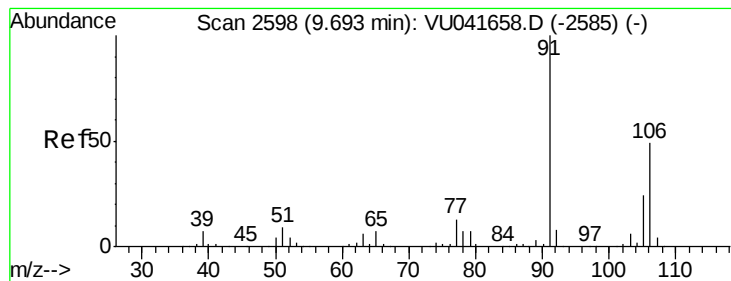
Tot Ion	107	Resp	257013
Ion Ratio	Lower	Upper	
107	100		
109	90.2	65.7	122.1
188	3.5	2.9	4.3



#52
 Ethylbenzene
 Concen: 70.856 ug/L
 RT: 9.57 min Scan# 2560
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Tgt Ion	91	Resp	640131
Ion Ratio	Lower	Upper	
91	100		
106	31.6	21.5	39.9





#53

m,p-Xylene

Concen: 0.497 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041663.D

Acq: 16 Dec 2020 12:05

Instrument :

MSVOA_U

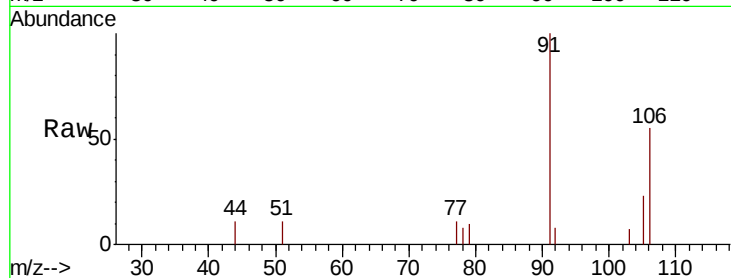
ClientSampleId :

Tot Ion:106 Resp: 1726

Ion Ratio Lower Upper

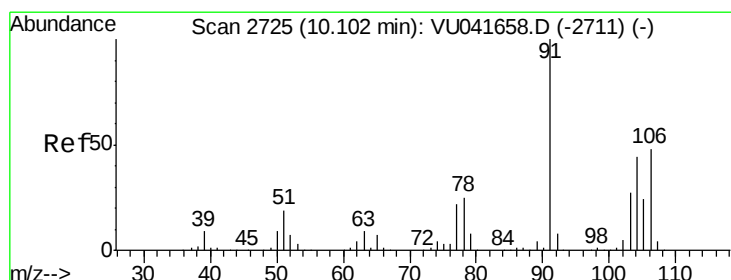
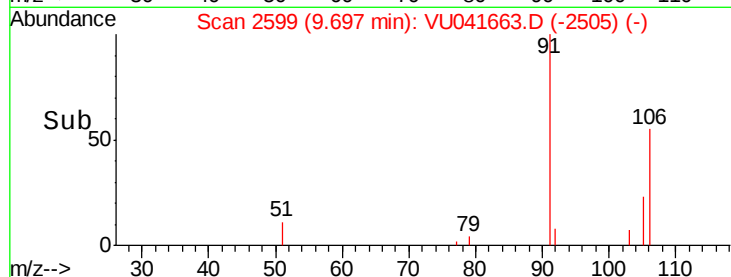
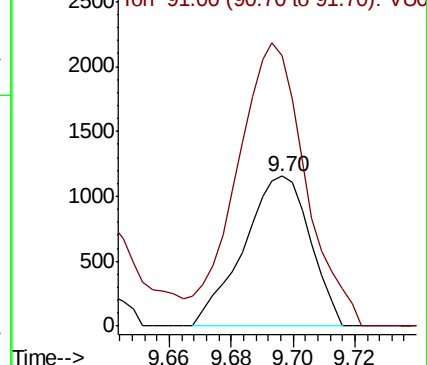
106 100

91 180.3 143.2 266.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 29.879 ug/L

RT: 10.10 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VU041663.D

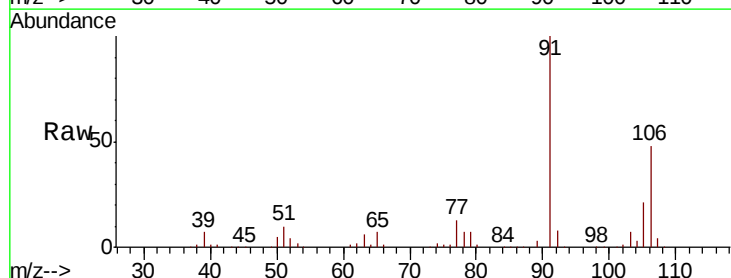
Acq: 16 Dec 2020 12:05

Tgt Ion:106 Resp: 101261

Ion Ratio Lower Upper

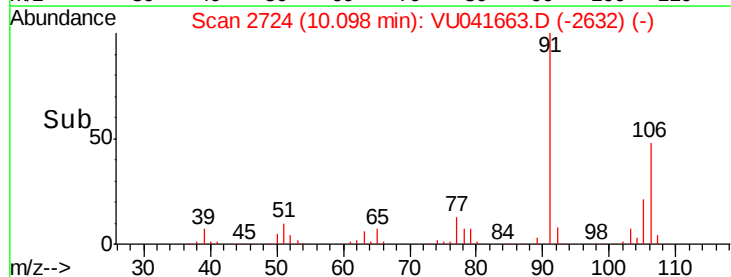
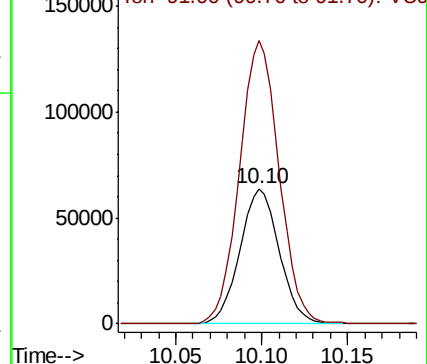
106 100

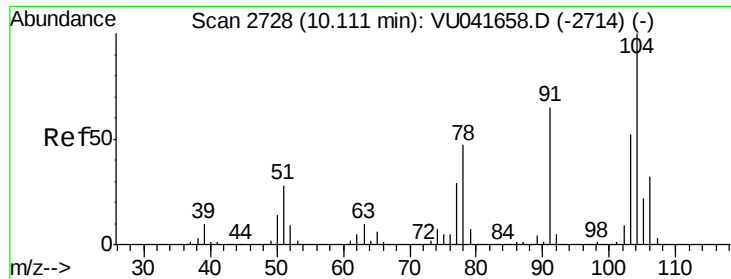
91 209.5 147.2 273.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

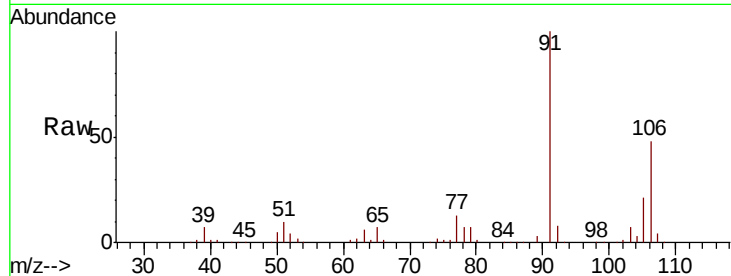




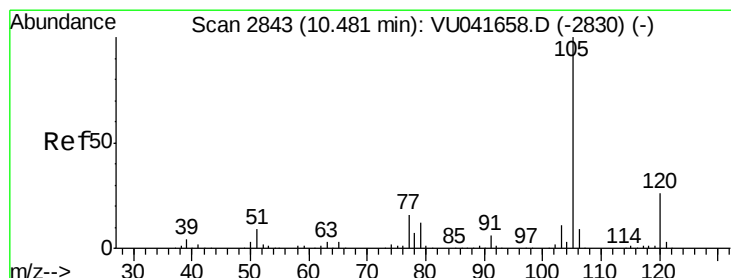
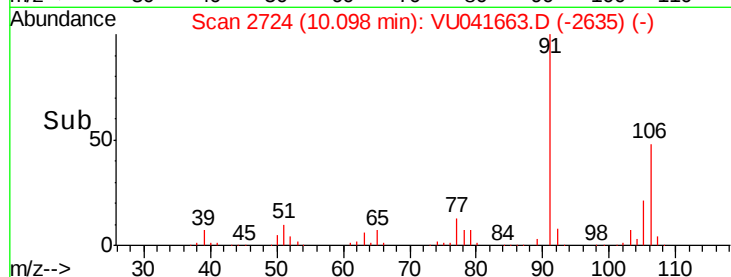
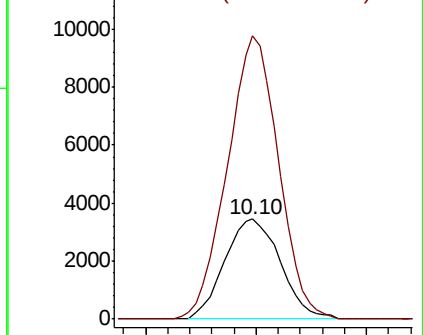
#55
Stvrene
Concen: 1.047 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.01 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:104 Resp: 6034
Ion Ratio Lower Upper
104 100
78 282.7 33.1 61.5#

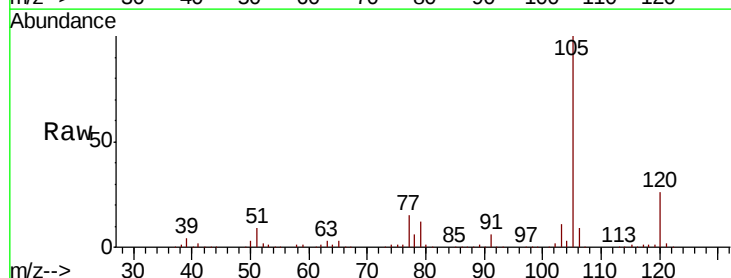


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0

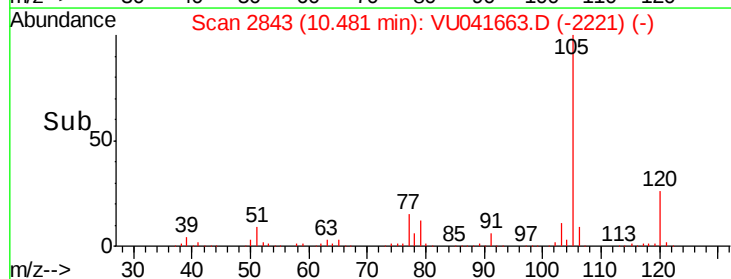
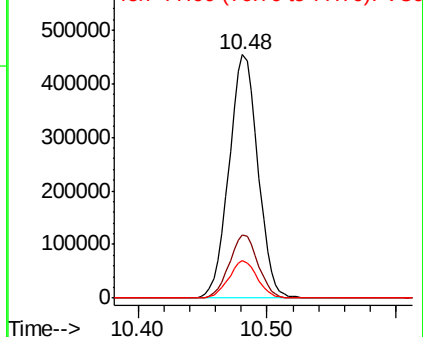


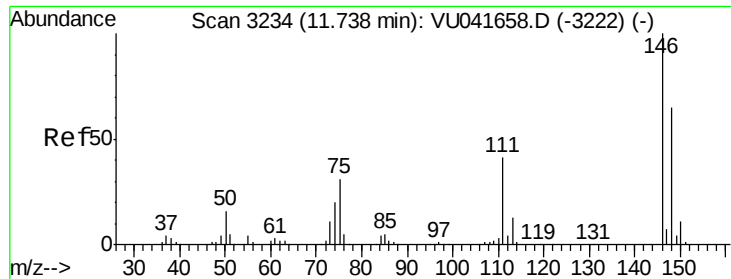
#61
Isopropylbenzene
Concen: 80.556 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU041663.D
Acq: 16 Dec 2020 12:05

Tgt Ion:105 Resp: 705975
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.2 12.6 18.8



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): VU0

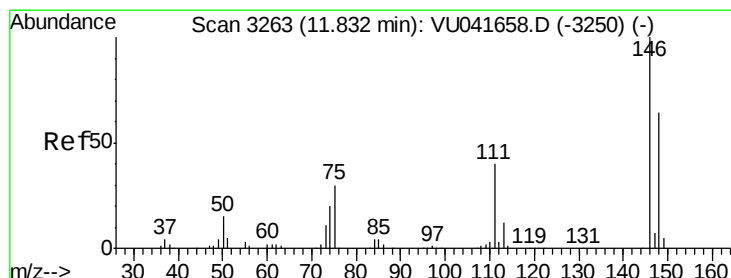
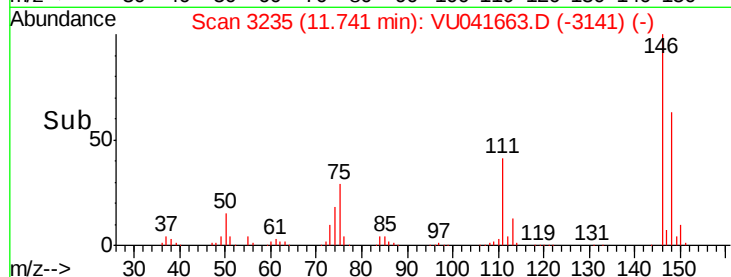
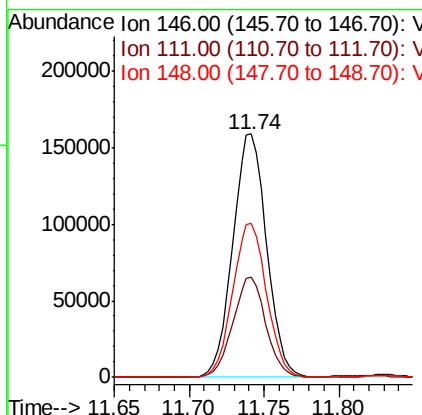
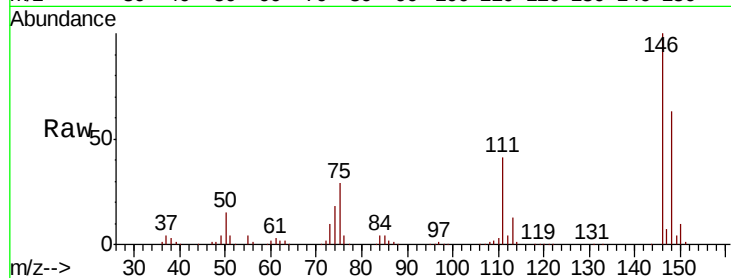




#64
 1,3-Dichlorobenzene
 Concen: 59.550 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

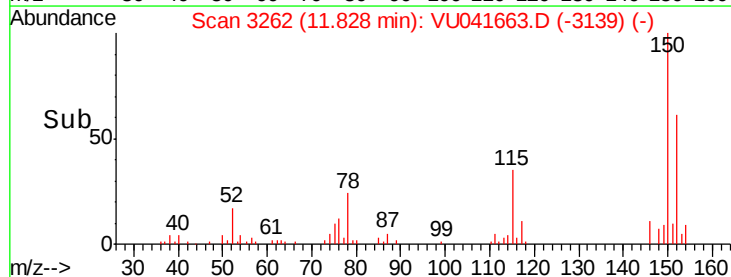
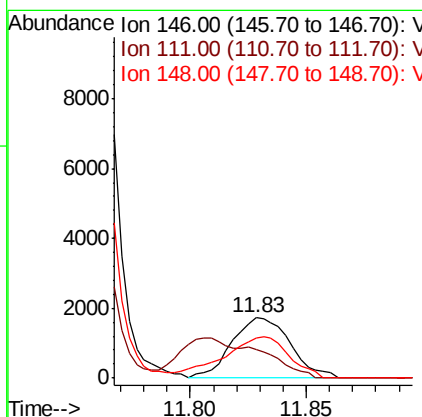
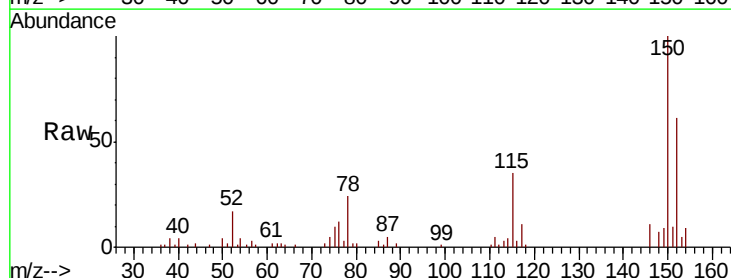
Instrument :
 MSVOA_U
 ClientSampleId :

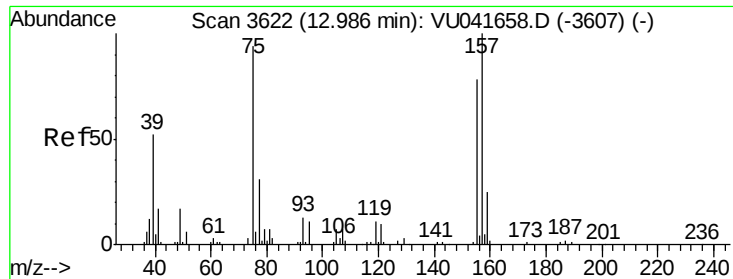
Tot Ion:146 Resp: 249955
 Ion Ratio Lower Upper
 146 100
 111 41.1 28.7 53.3
 148 63.4 45.5 84.5



#65
 1,4-Dichlorobenzene
 Concen: 0.713 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Tgt Ion:146 Resp: 3019
 Ion Ratio Lower Upper
 146 100
 111 48.0 28.1 52.1
 148 66.8 44.8 83.2

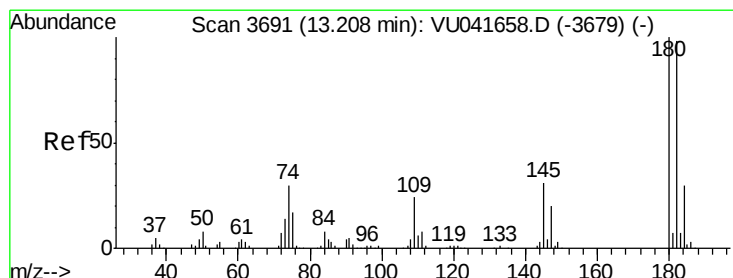
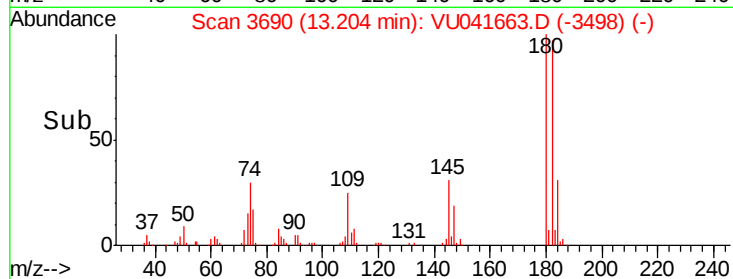
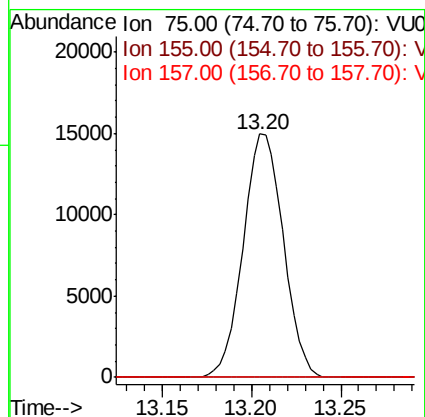
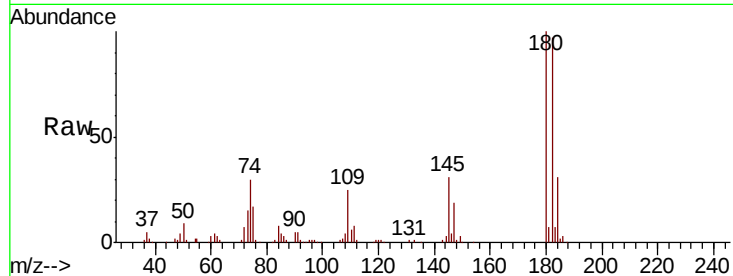




#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.822 ug/L
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.22 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

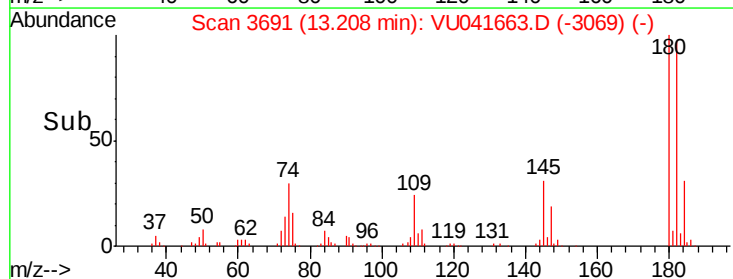
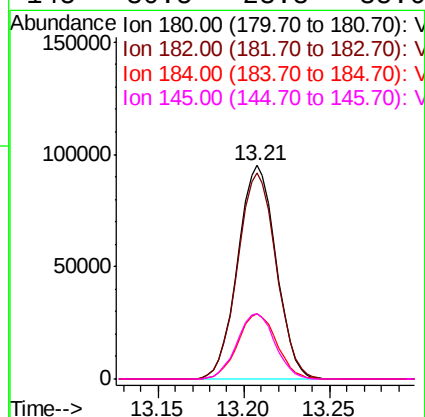
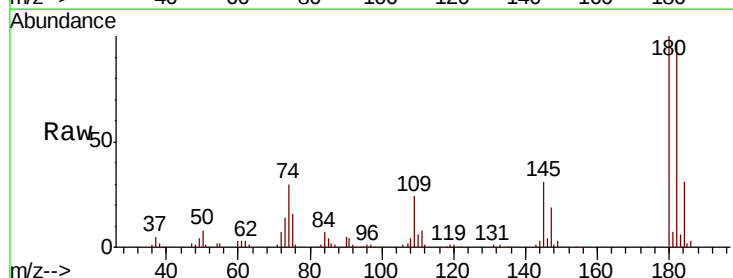
Instrument :
 MSVOA_U
 ClientSampleId :

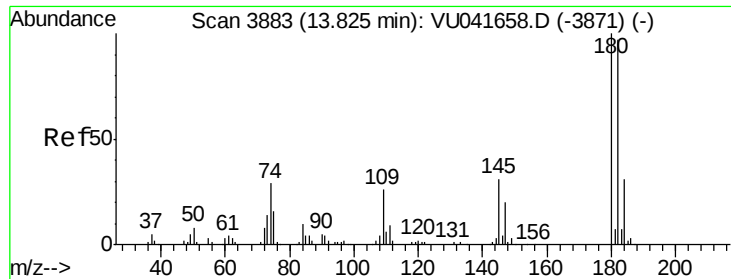
Tot Ion: 75 Resp: 23577
 Ion Ratio Lower Upper
 75 100
 155 0.0 66.8 100.2#
 157 0.0 85.5 128.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 48.888 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Tgt Ion: 180 Resp: 147627
 Ion Ratio Lower Upper
 180 100
 182 97.3 77.1 115.7
 184 31.0 23.9 35.9
 145 30.5 23.8 35.6

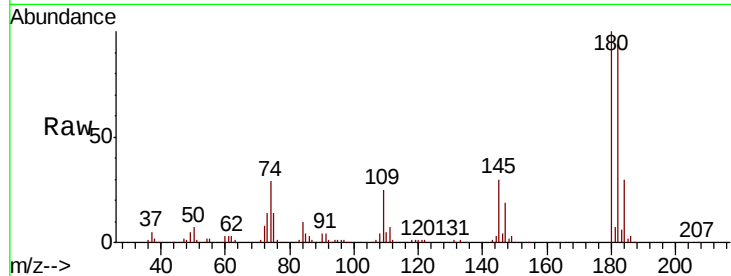




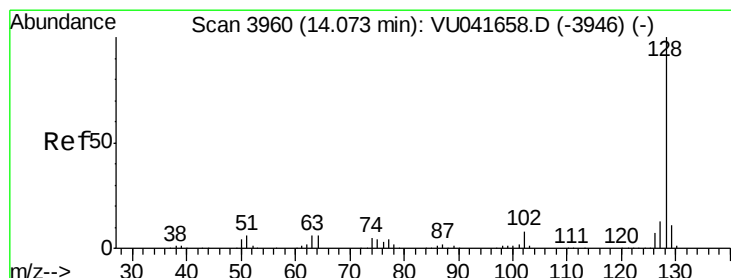
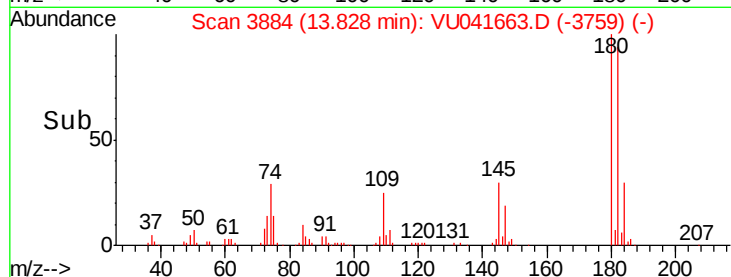
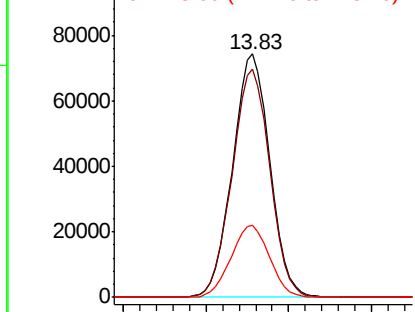
#70
 1,2,4-trichlorobenzene
 Concen: 47.959 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 116238
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 30.5 24.1 36.1

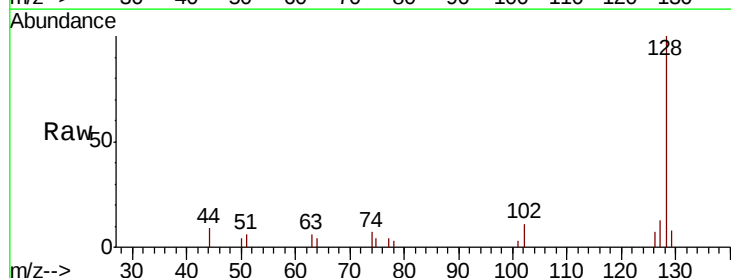


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

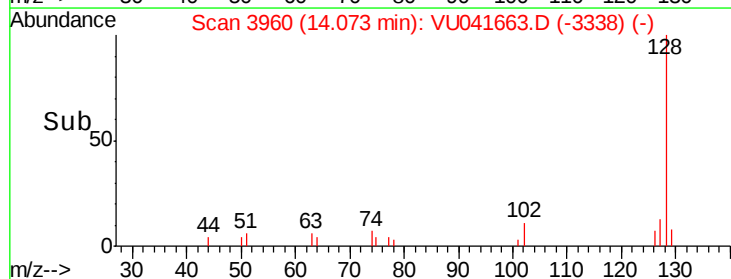
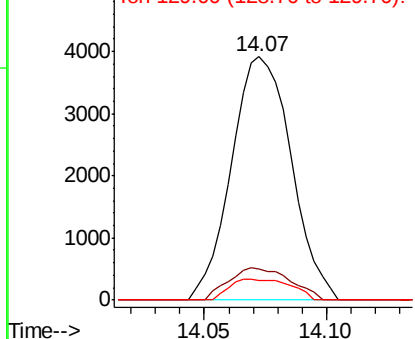


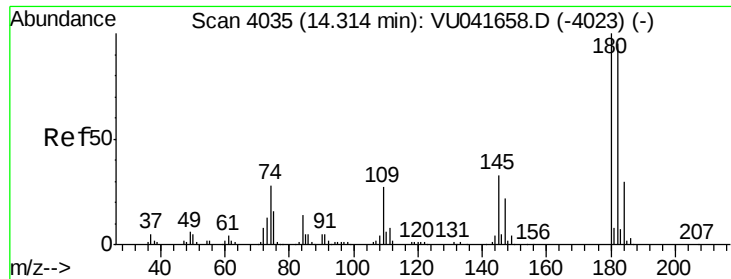
#71
 Naphthalene
 Concen: 0.847 ug/L
 RT: 14.07 min Scan# 3960
 Delta R.T. -0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Tgt Ion:128 Resp: 6661
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 8.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

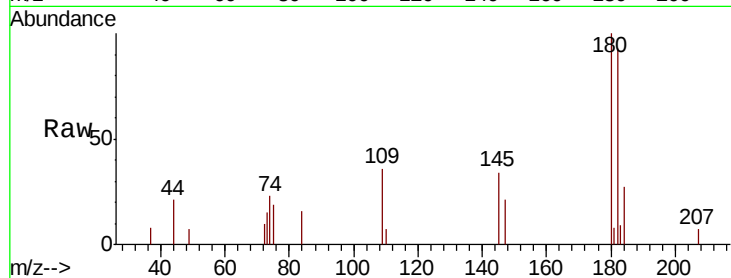




#72
 1,2,3-Trichlorobenzene
 Concen: 0.977 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. 0.00 min
 Lab File: VU041663.D
 Acq: 16 Dec 2020 12:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.5	75.8	113.6
145	32.0	26.2	39.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

