

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120920\
 Data File : VU041506.D
 Acq On : 09 Dec 2020 11:19
 Operator : SY/MD
 Sample : L4979-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:46:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	46235	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9888	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.92	69	10154	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	25192	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	4.65	46	40930	45.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	5.08	84	30917	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	22326	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	46901	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.70	67	13109	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.90	98	47400	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.18	79	9066	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	32540	38.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	14404	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	21175	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	10136	3.831	ug/L	96
6) Bromomethane	1.87	94	9461	4.338	ug/L	100
8) Chloroethane	1.95	64	278	0.135	ug/L #	45
9) Trichlorofluoromethane	2.15	101	62160	8.845	ug/L	100
12) 1,1-Dichloroethene	2.59	96	10517	3.886	ug/L	94
13) Acetone	2.66	43	70895	102.260	ug/L	100
14) Carbon disulfide	2.81	76	46282	5.547	ug/L	99
16) Methylene chloride	3.06	84	8049	2.228	ug/L	89
17) Methyl tert-butyl Ether	3.38	73	74062	9.018	ug/L	100
19) 1,1-Dichloroethane	3.89	63	49847	9.870	ug/L	99
21) 2-Butanone	4.73	43	115237	132.841	ug/L	98
27) 1,2-Dichloroethane	5.81	62	39766	7.908	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	57628	7.553	ug/L	98
30) Cyclohexane	5.40	56	43498	9.067	ug/L	91
31) Carbon tetrachloride	5.33	117	6215	0.880	ug/L	93
34) Trichloroethene	6.55	95	18063	4.541	ug/L	98
35) Methylcyclohexane	6.77	83	29630	5.461	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
 Data File : VU041506.D
 Acq On : 09 Dec 2020 11:19
 Operator : SY/MD
 Sample : L4979-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:46:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

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

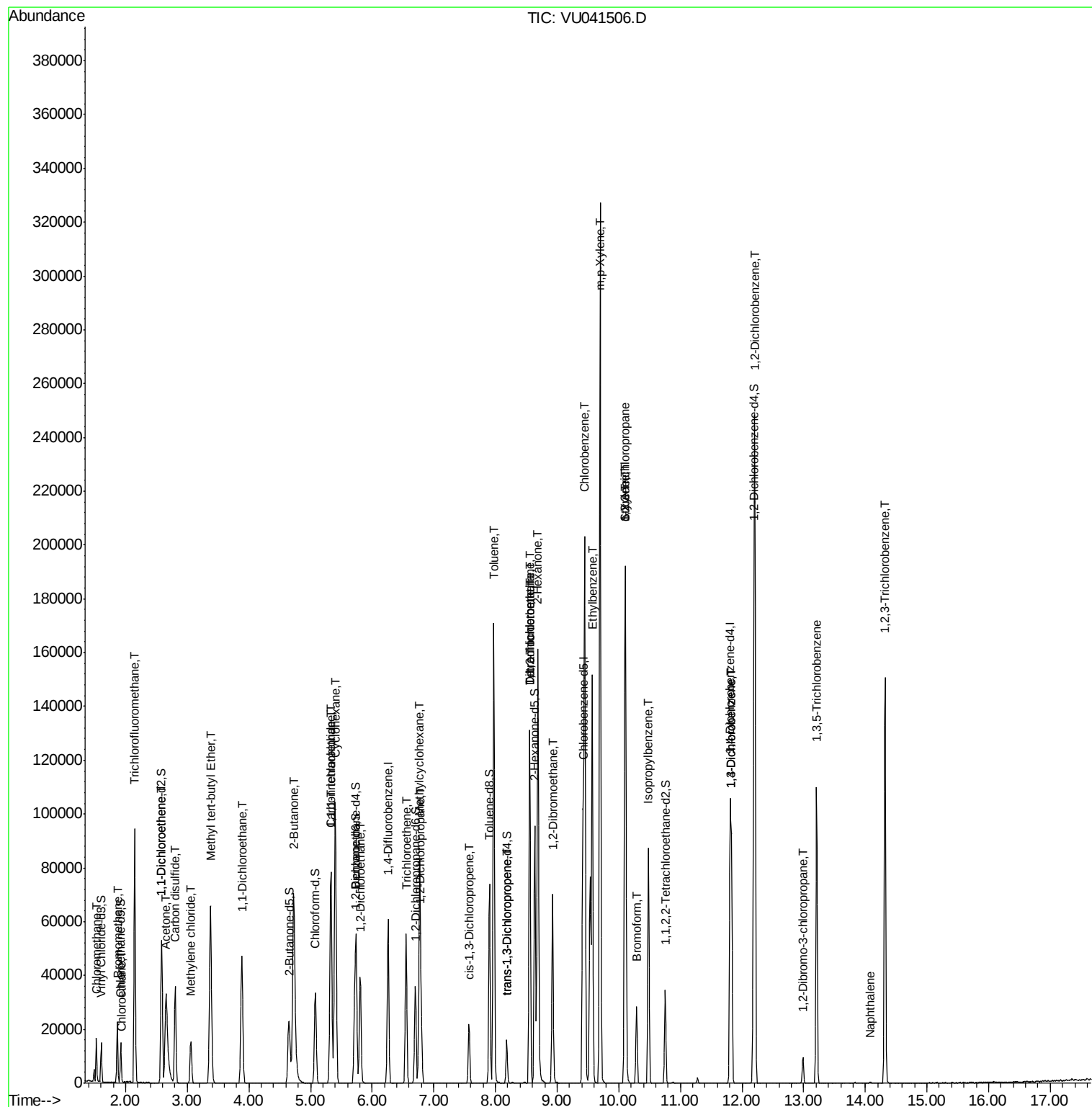
37) 1,2-Dichloropropane	6.80	63	6010	1.946	ug/L #	94
39) cis-1,3-Dichloropropene	7.57	75	510	0.091	ug/L	99
42) Toluene	7.97	91	119773	8.075	ug/L	97
44) trans-1,3-Dichloropropene	8.18	75	282	0.051	ug/L #	64
45) 1,1,2-Trichloroethane	8.55	97	224	0.075	ug/L #	40
47) Tetrachloroethene	8.56	164	27843	8.863	ug/L	97
48) 2-Hexanone	8.69	43	92617	46.583	ug/L #	94
49) Dibromochloromethane	8.56	129	27268	6.720	ug/L #	12
50) 1,2-Dibromoethane	8.93	107	44143	14.693	ug/L	95
51) Chlorobenzene	9.45	112	104848	10.607	ug/L	98
52) Ethylbenzene	9.57	91	104228	6.132	ug/L	98
53) m,p-Xylene	9.70	106	81151	13.152	ug/L	97
54) o-Xylene	10.10	106	31314	5.235	ug/L	95
55) Styrene	10.11	104	54390	5.354	ug/L	99
56) Isopropylbenzene	10.48	105	54564	3.231	ug/L	98
59) 1,2,3-Trichloropropane	10.11	75	3665	1.223	ug/L #	1
61) Bromoform	10.29	173	13176	6.174	ug/L	95
62) 1,3-Dichlorobenzene	11.83	146	32175	4.495	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	32175	4.385	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	85926	12.125	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	2799	4.032	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.21	180	32945	5.760	ug/L	99
69) Naphthalene	14.08	128	487	0.068	ug/L #	69
70) 1,2,3-Trichlorobenzene	14.32	180	43668	10.778	ug/L	97

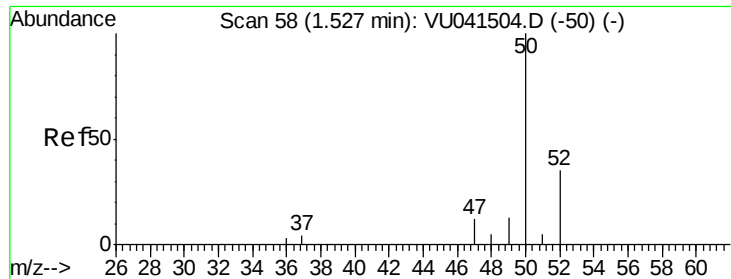
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
Data File : VU041506.D
Acq On : 09 Dec 2020 11:19
Operator : SY/MD
Sample : L4979-23
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 10 04:46:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 3.831 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

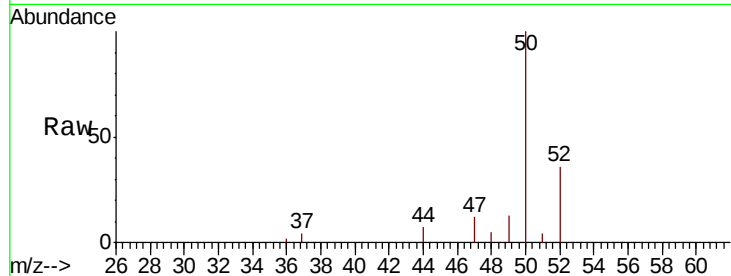
ClientSampleId :

Tot Ion: 50 Resp: 10136

Ion Ratio Lower Upper

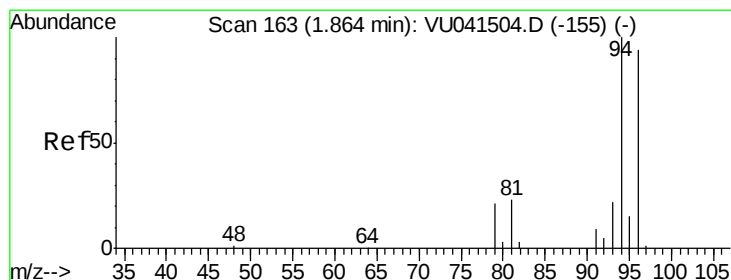
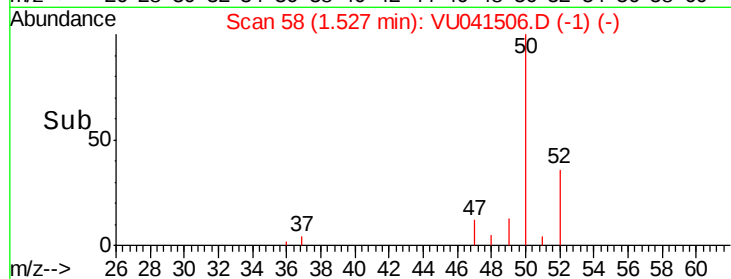
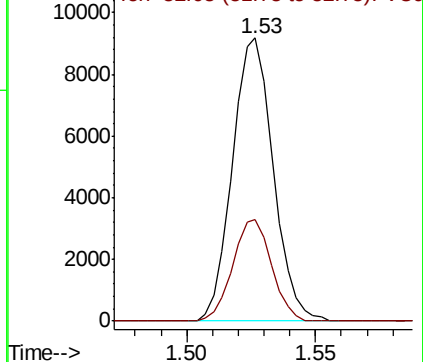
50 100

52 35.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU041506.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU041506.D (-50) (-)



#6

Bromomethane

Concen: 4.338 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU041506.D

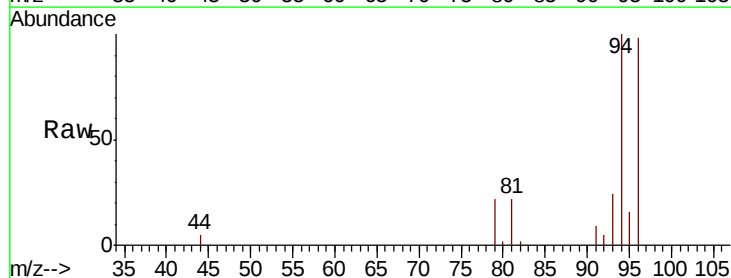
Acq: 09 Dec 2020 11:19

Tgt Ion: 94 Resp: 9461

Ion Ratio Lower Upper

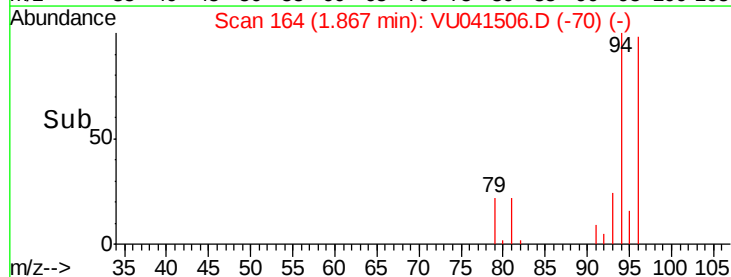
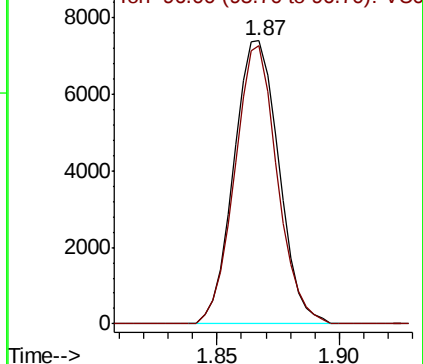
94 100

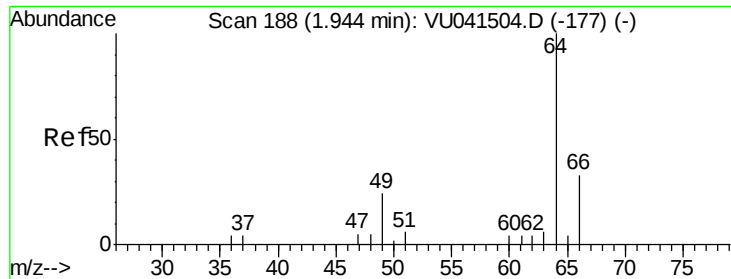
96 98.1 68.5 127.1



Abundance Ion 94.00 (93.70 to 94.70): VU041506.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU041506.D (-155) (-)





#8

Chloroethane

Concen: 0.135 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

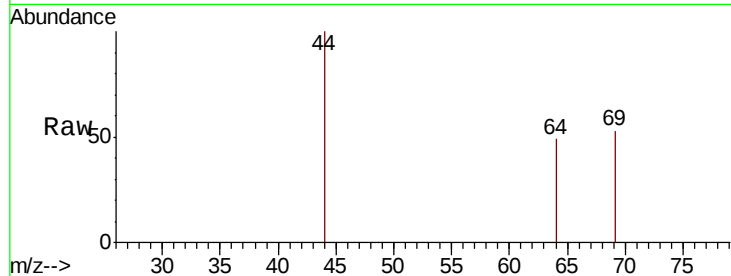
ClientSampleId :

Tot Ion: 64 Resp: 278

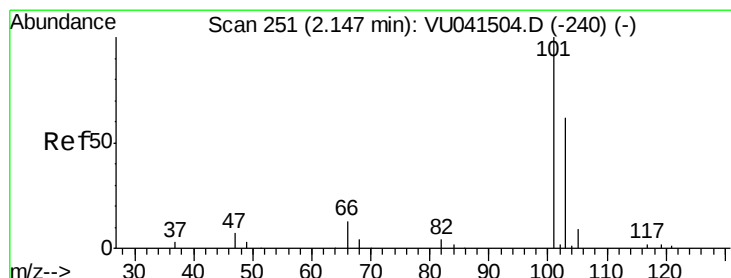
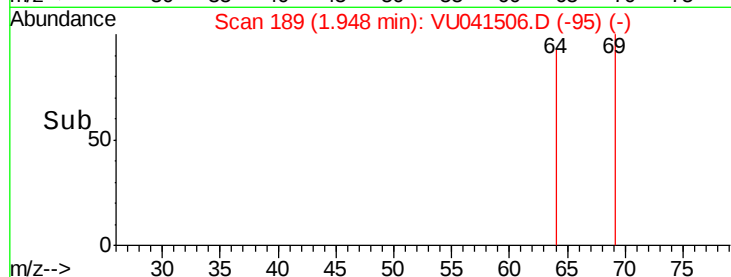
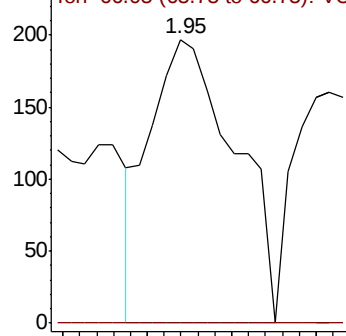
Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#



Abundance Ion 64.10 (63.80 to 64.80): VU041506.D (-177) (-)



#9

Trichlorofluoromethane

Concen: 8.845 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041506.D

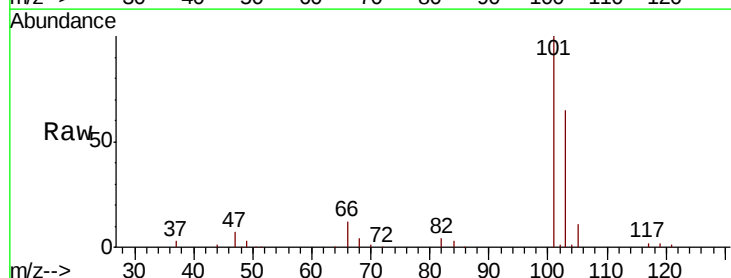
Acq: 09 Dec 2020 11:19

Tgt Ion: 101 Resp: 62160

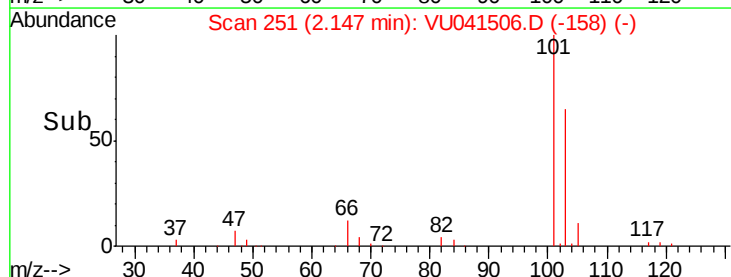
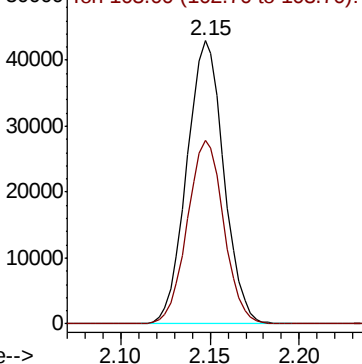
Ion Ratio Lower Upper

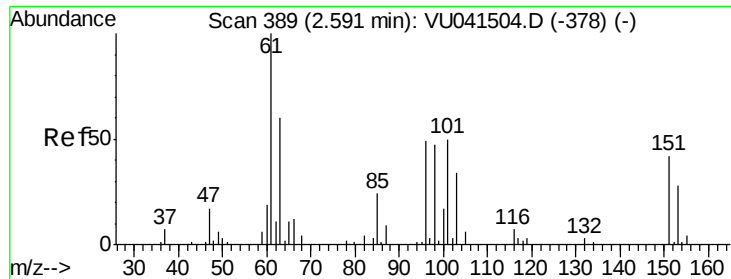
101 100

103 63.9 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): VU041506.D (-240) (-)





#12

1,1-Dichloroethene

Concen: 3.886 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :
MSVOA_U
ClientSampled :

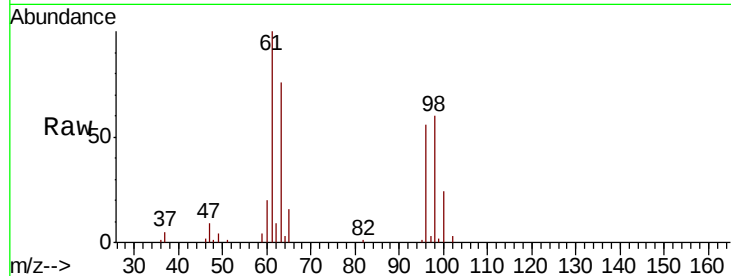
Tot Ion: 96 Resp: 10517

Ion Ratio Lower Upper

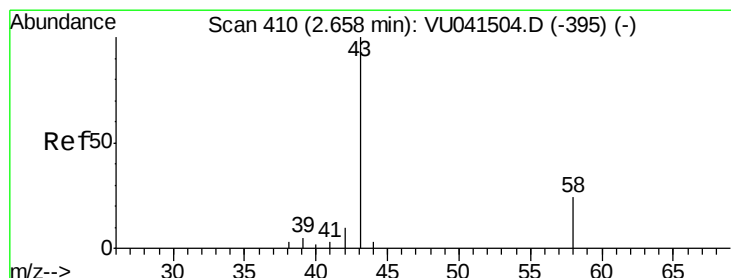
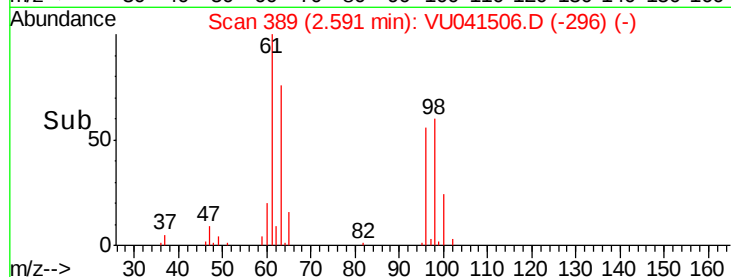
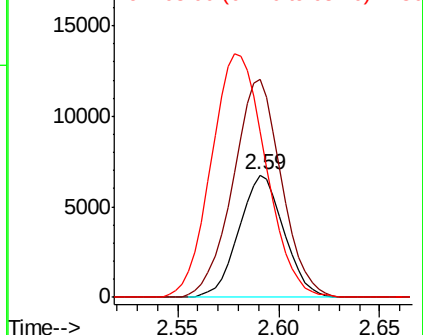
96 100

61 178.6 127.8 237.4

63 135.8 86.2 160.0



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: 102.260 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU041506.D

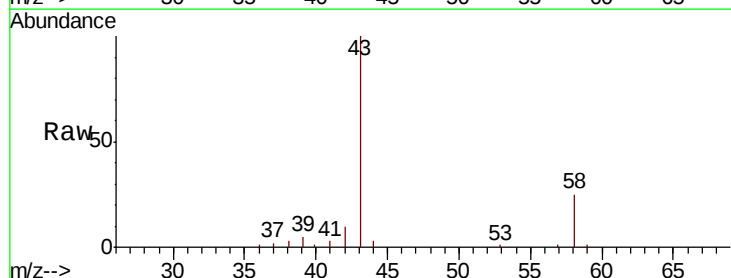
Acq: 09 Dec 2020 11:19

Tgt Ion: 43 Resp: 70895

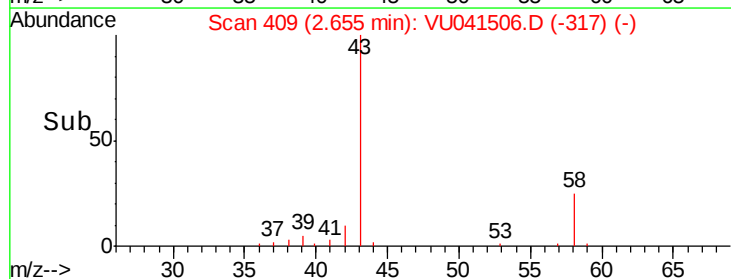
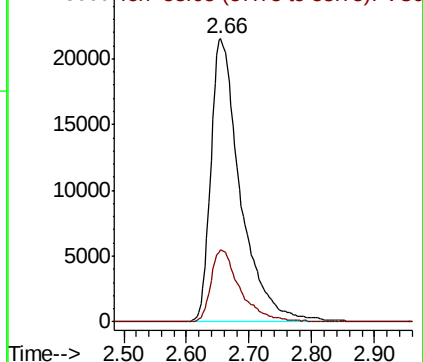
Ion Ratio Lower Upper

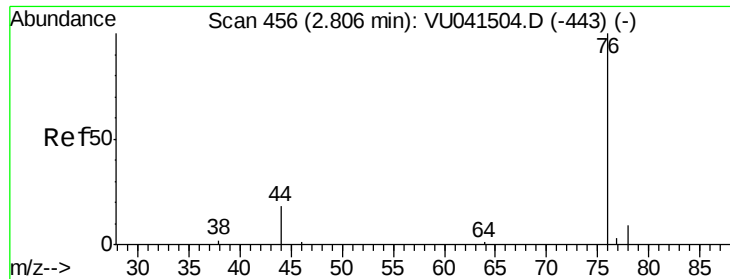
43 100

58 24.8 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

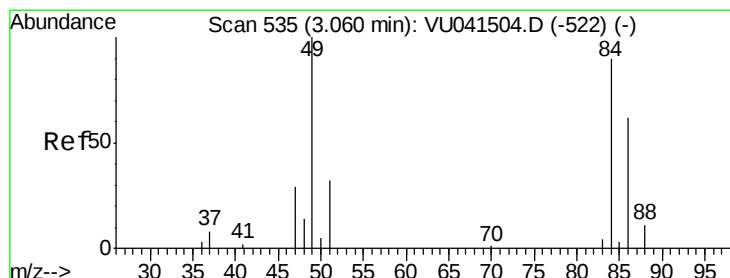
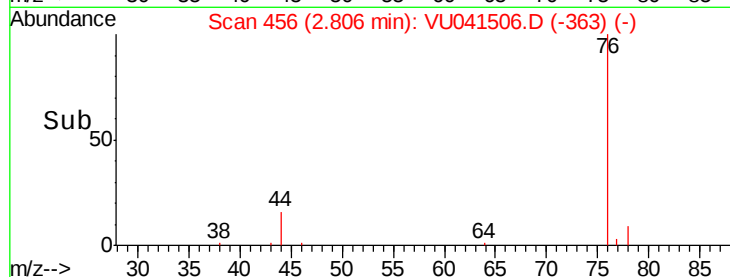
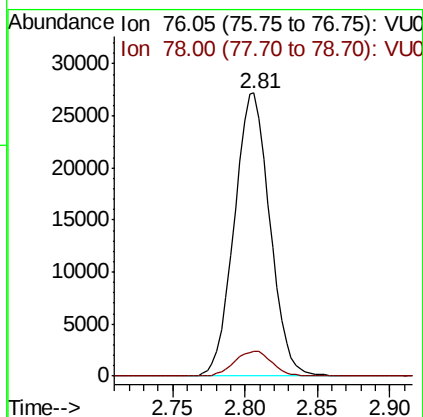
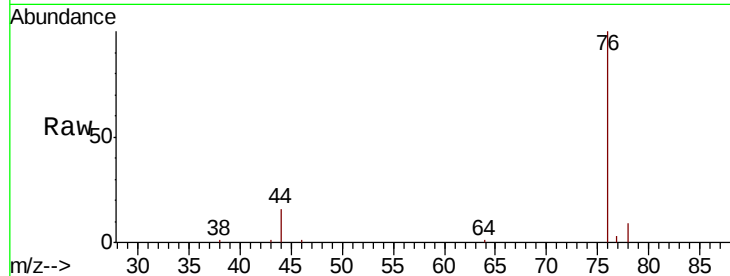




#14
Carbon disulfide
Concen: 5.547 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

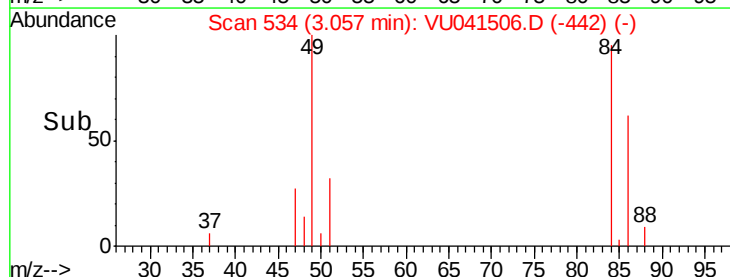
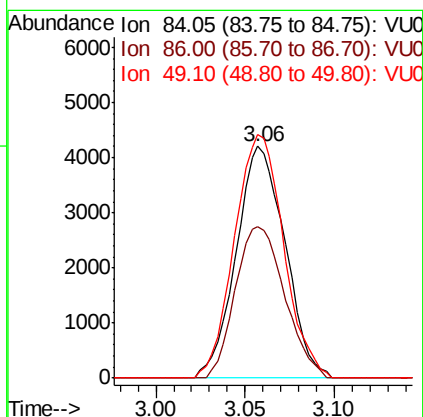
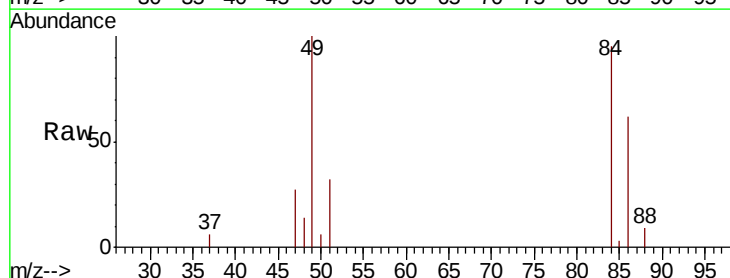
Instrument :
MSVOA_U
ClientSampleId :

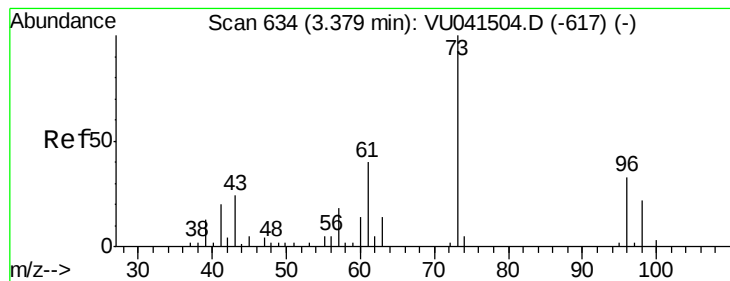
Tot Ion: 76 Resp: 46282
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#16
Methylene chloride
Concen: 2.228 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

Tgt Ion: 84 Resp: 8049
Ion Ratio Lower Upper
84 100
86 65.3 44.1 81.9
49 105.1 86.1 159.9



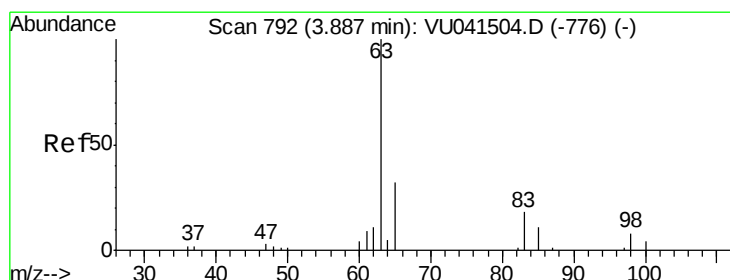
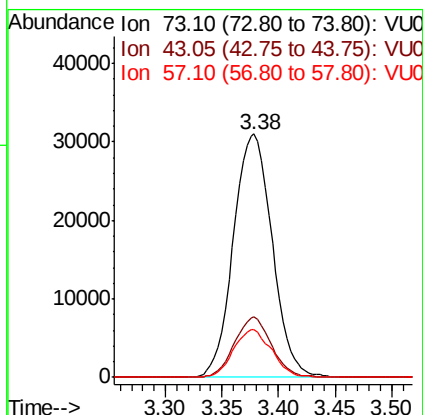
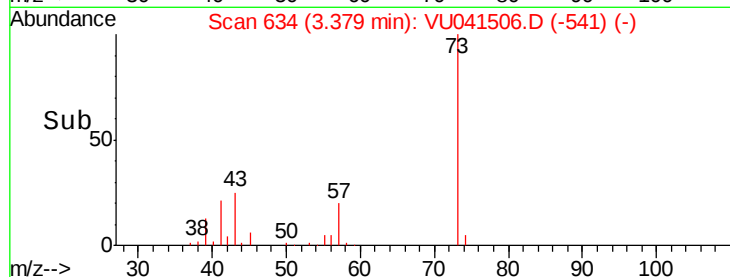
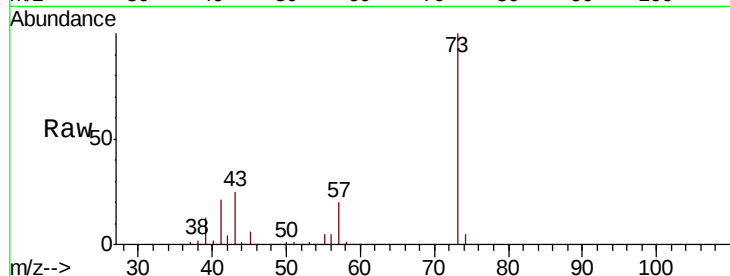


#17

Methyl tert-butyl Ether
 Concen: 9.018 ug/L
 RT: 3.38 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VU041506.D
 Acq: 09 Dec 2020 11:19

Instrument :
 MSVOA_U
 ClientSampled :

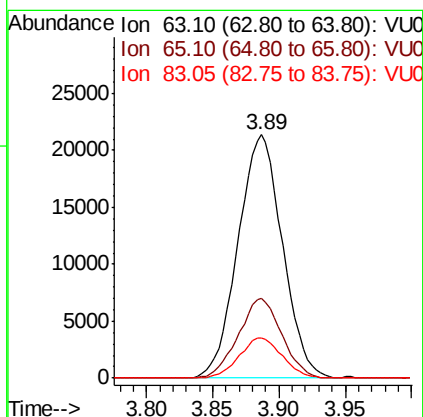
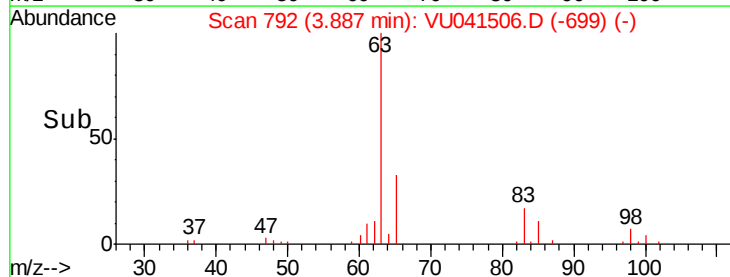
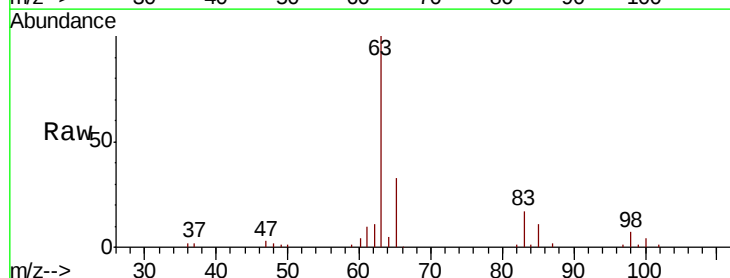
Tot Ion: 73 Resp: 74062
 Ion Ratio Lower Upper
 73 100
 43 23.6 19.1 28.7
 57 19.4 15.5 23.3

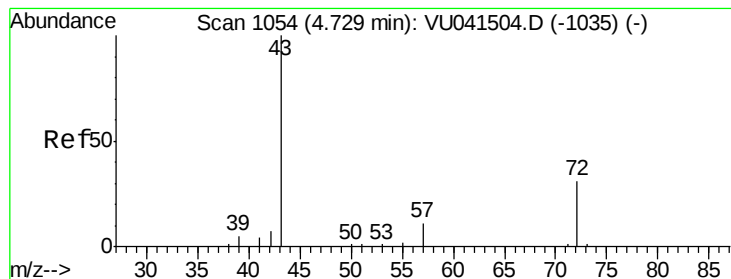


#19

1,1-Dichloroethane
 Concen: 9.870 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VU041506.D
 Acq: 09 Dec 2020 11:19

Tgt Ion: 63 Resp: 49847
 Ion Ratio Lower Upper
 63 100
 65 32.6 22.3 41.5
 83 16.7 11.1 20.7





#21

2-Butanone

Concen: 132.841 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

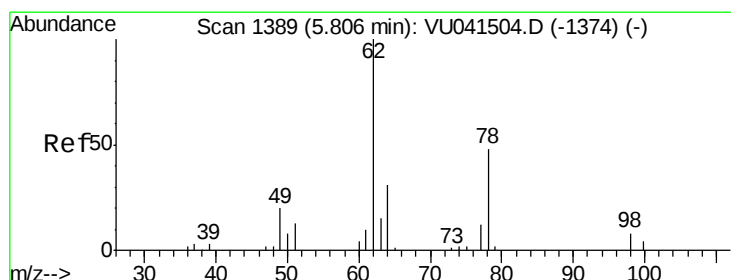
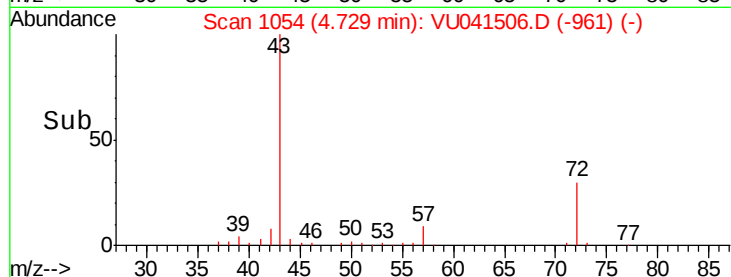
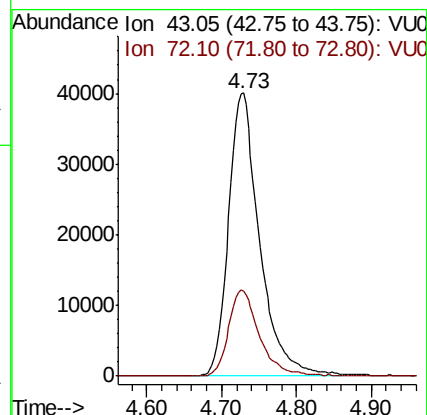
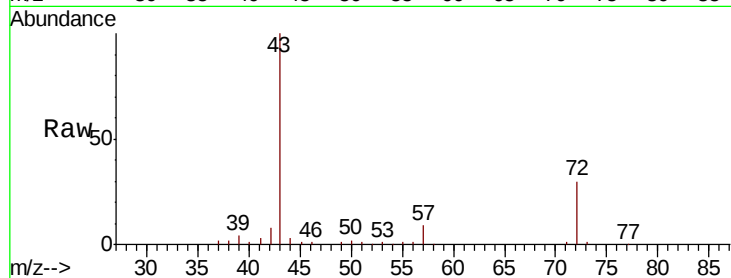
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 115237

Ion Ratio Lower Upper

43 100

72 30.1 15.7 47.1



#27

1,2-Dichloroethane

Concen: 7.908 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU041506.D

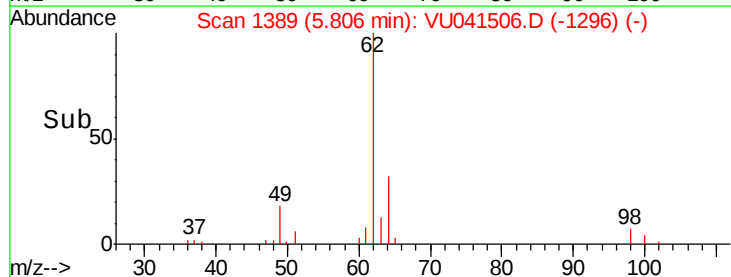
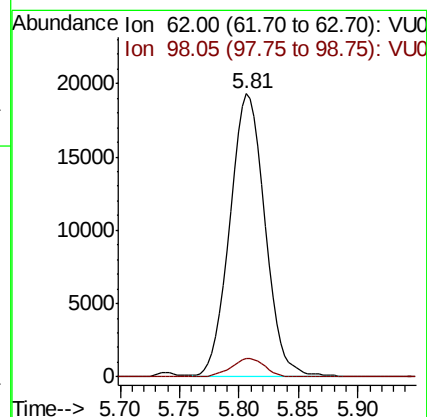
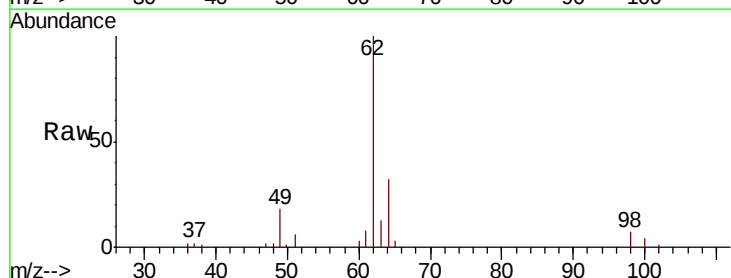
Acq: 09 Dec 2020 11:19

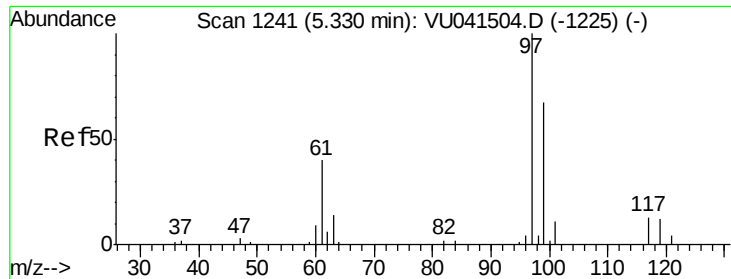
Tgt Ion: 62 Resp: 39766

Ion Ratio Lower Upper

62 100

98 6.5 5.7 8.5

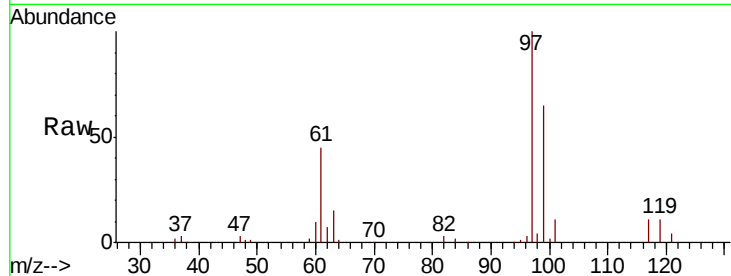




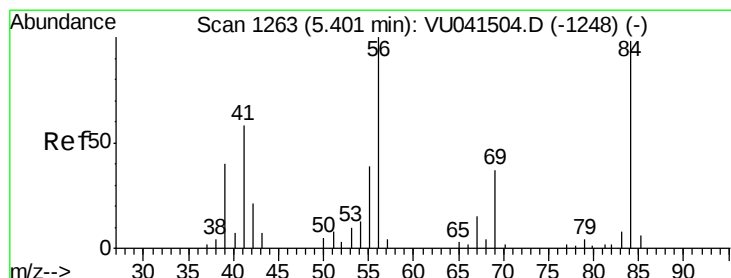
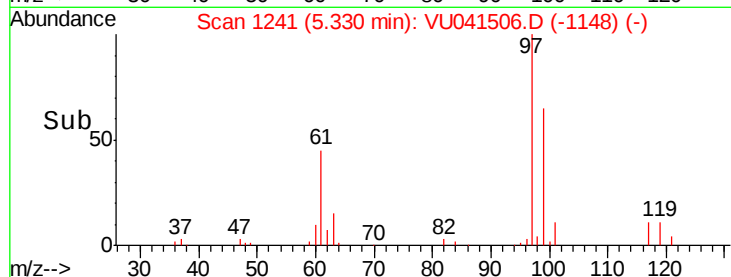
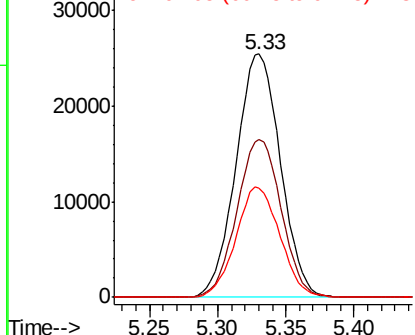
#29
1,1,1-Trichloroethane
Concen: 7.553 ug/L
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 97 Resp: 57628
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 44.9 34.6 52.0

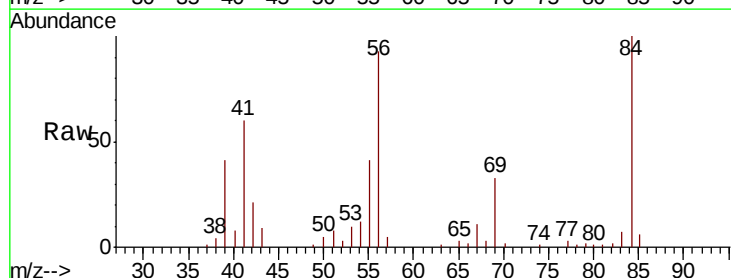


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

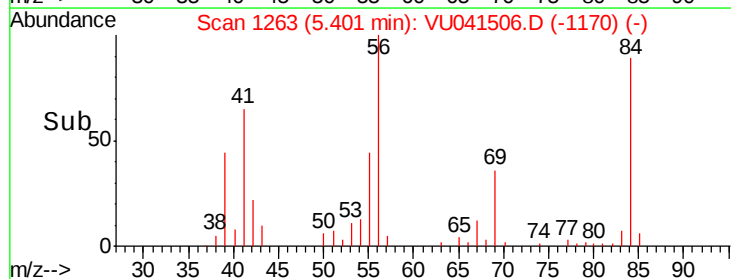
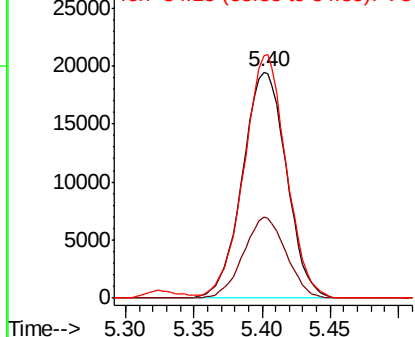


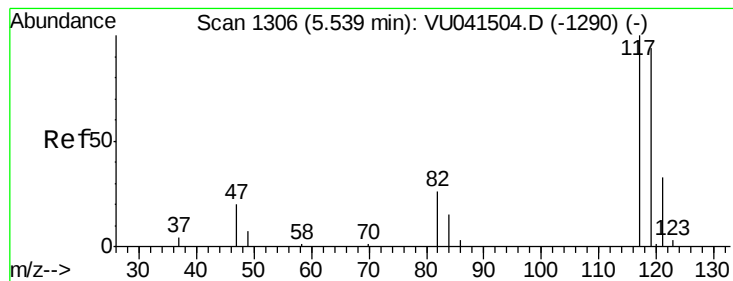
#30
Cyclohexane
Concen: 9.067 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

Tgt Ion: 56 Resp: 43498
Ion Ratio Lower Upper
56 100
69 34.7 25.9 38.9
84 103.7 74.9 112.3



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: 0.880 ug/L

RT: 5.33 min Scan# 1242

Delta R.T. -0.21 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

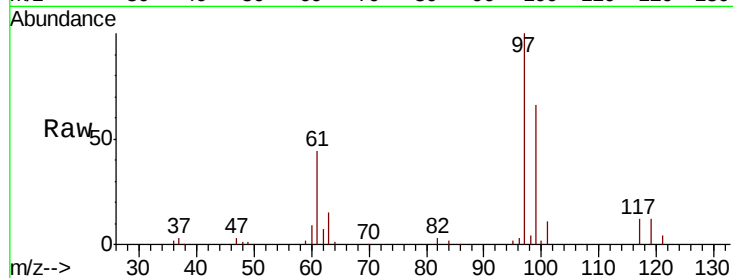
ClientSampleId :

Tot Ion:117 Resp: 6215

Ion Ratio Lower Upper

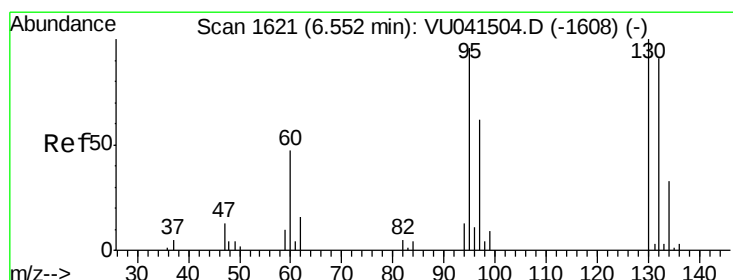
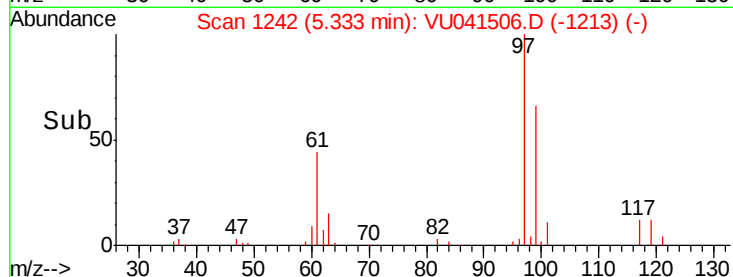
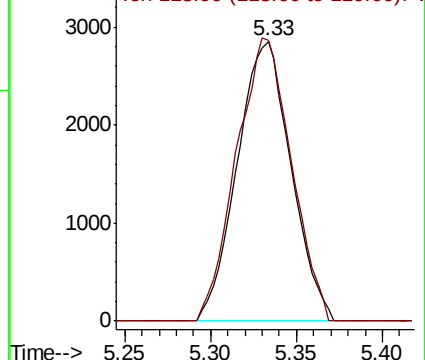
117 100

119 103.7 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 4.541 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Tgt Ion: 95 Resp: 18063

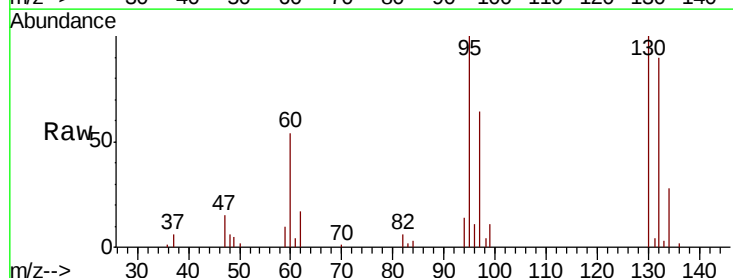
Ion Ratio Lower Upper

95 100

97 64.6 44.7 83.1

132 90.6 65.7 121.9

130 100.3 68.8 127.8

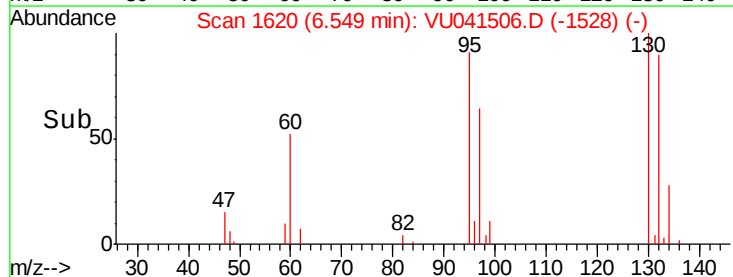
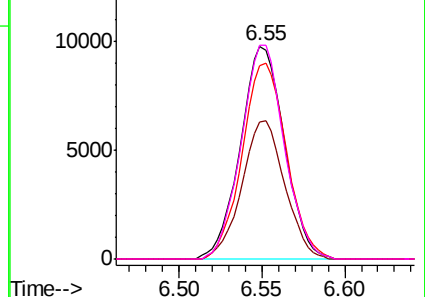


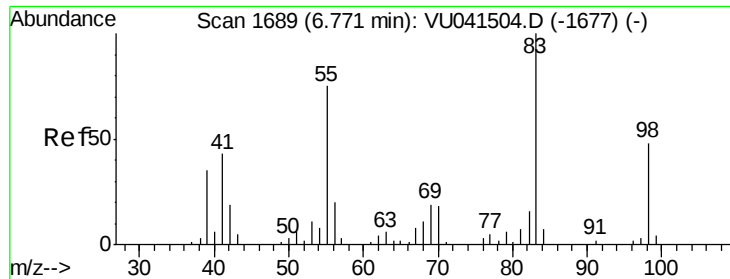
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

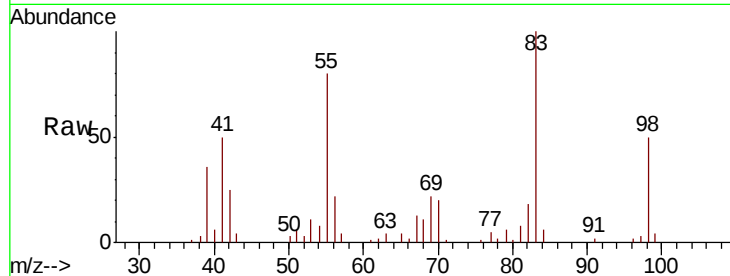




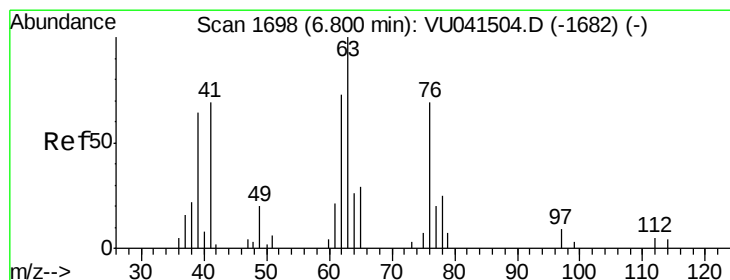
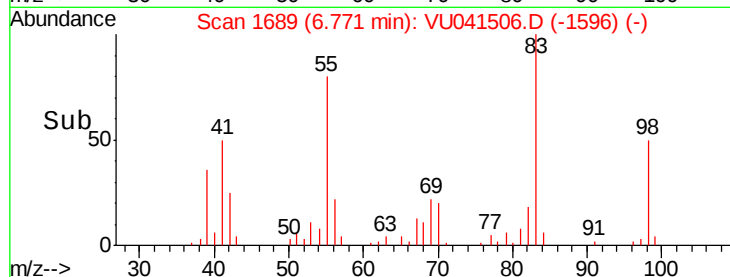
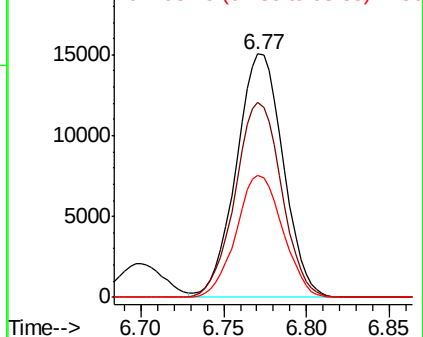
#35
Methvlcvclohexane
Concen: 5.461 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 29630
Ion Ratio Lower Upper
83 100
55 79.1 62.1 93.1
98 49.6 38.7 58.1

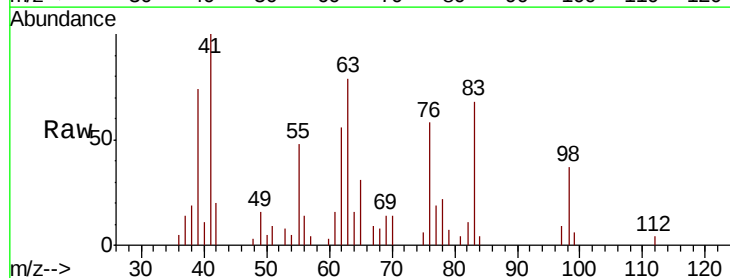


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

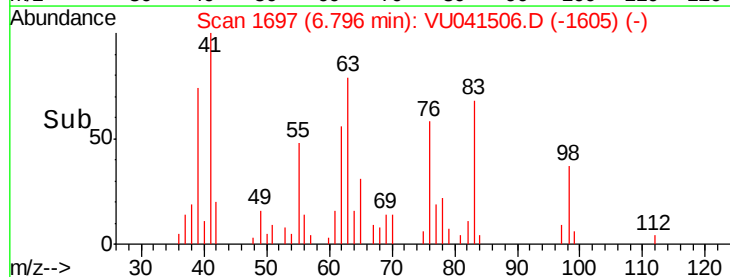
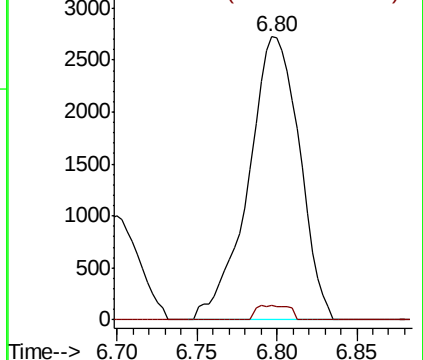


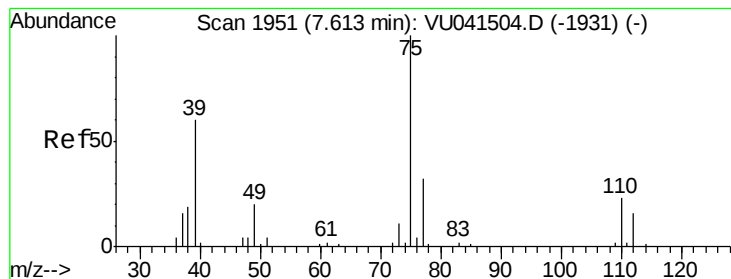
#37
1,2-Dichloropropane
Concen: 1.946 ug/L
RT: 6.80 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

Tgt Ion: 63 Resp: 6010
Ion Ratio Lower Upper
63 100
112 3.3 4.2 6.2#



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



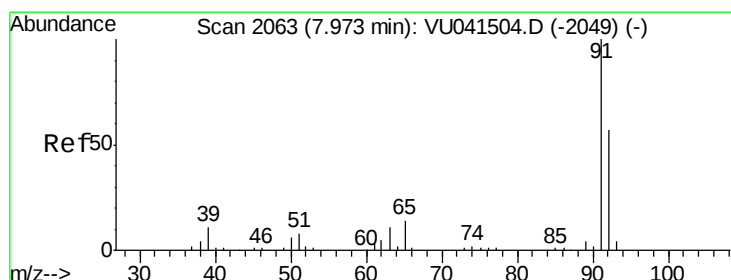
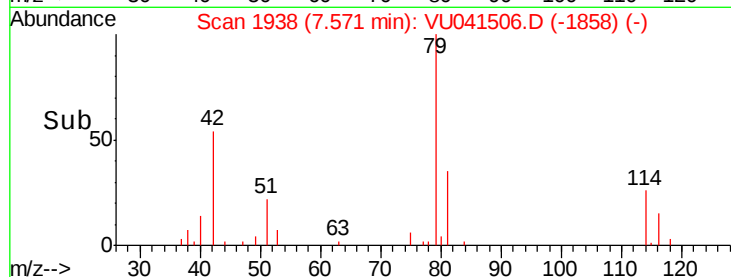
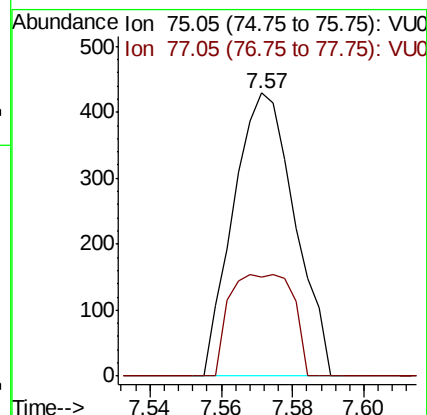
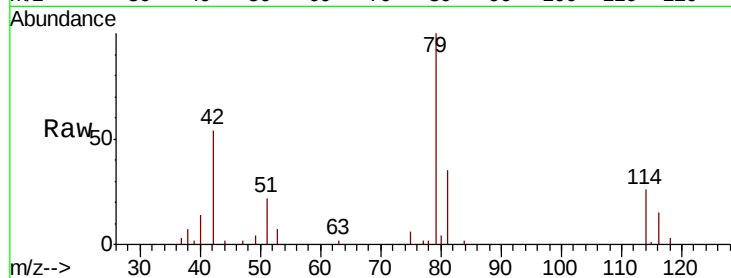


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041506.D
 Acq: 09 Dec 2020 11:19

Instrument :
 MSVOA_U
 ClientSampleId :

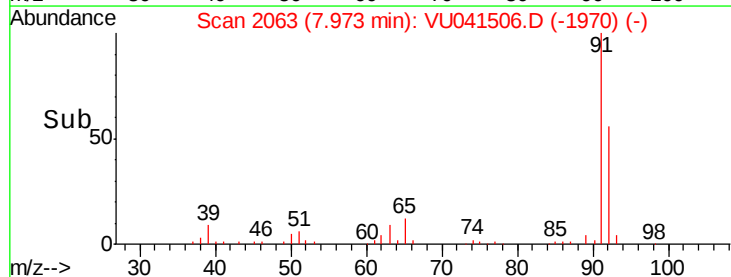
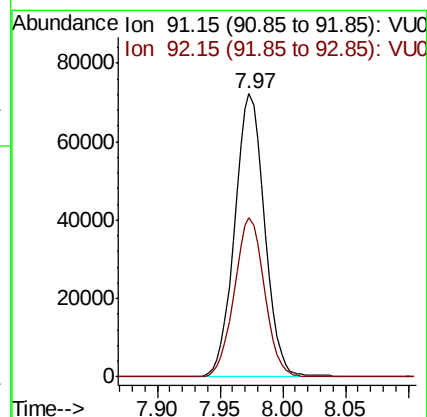
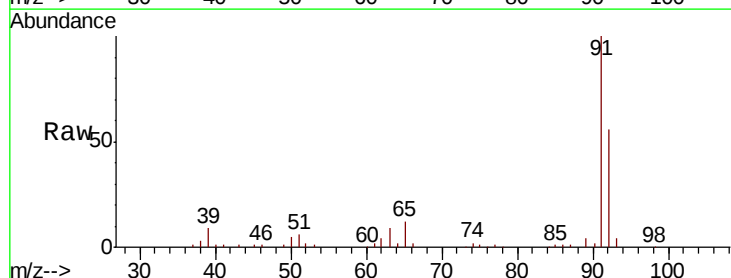
Tot Ion: 75 Resp: 510
 Ion Ratio Lower Upper
 75 100
 77 35.0 24.0 44.6

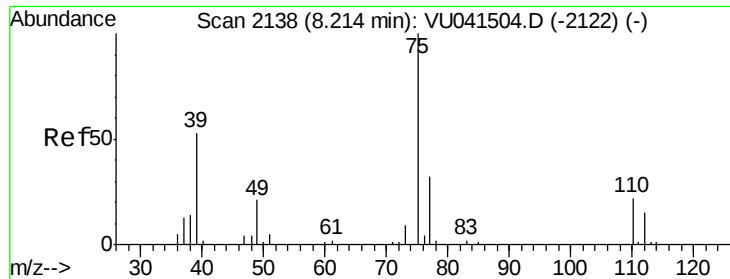


#42

Toluene
 Concen: 8.075 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU041506.D
 Acq: 09 Dec 2020 11:19

Tgt Ion: 91 Resp: 119773
 Ion Ratio Lower Upper
 91 100
 92 56.2 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

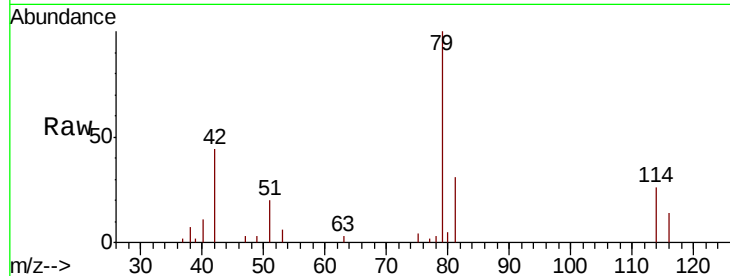
ClientSampleId :

Tot Ion: 75 Resp: 282

Ion Ratio Lower Upper

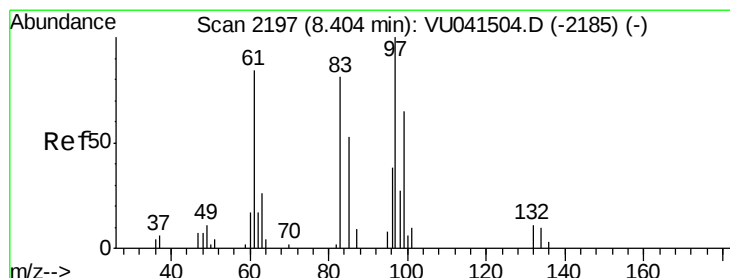
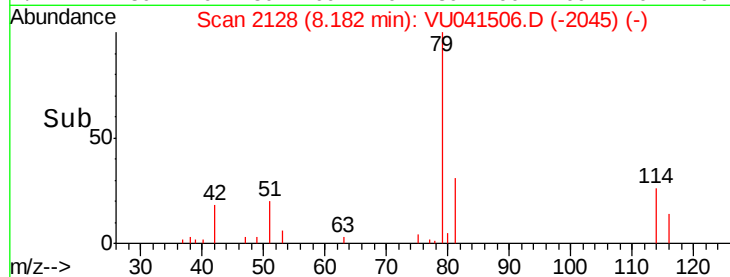
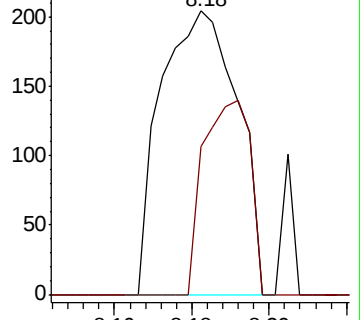
75 100

77 52.5 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#45

1,1,2-Trichloroethane

Concen: 0.075 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. 0.15 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Tgt Ion: 97 Resp: 224

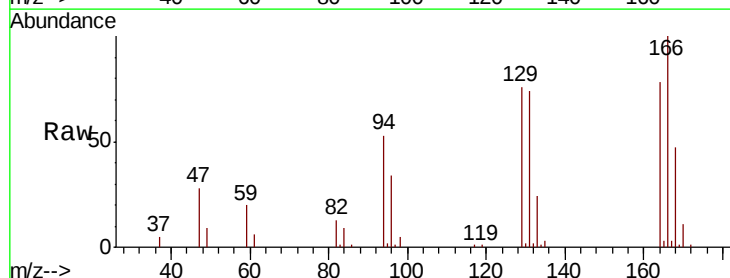
Ion Ratio Lower Upper

97 100

99 0.0 40.7 75.7#

83 113.2 56.2 104.4#

85 0.0 36.0 67.0#

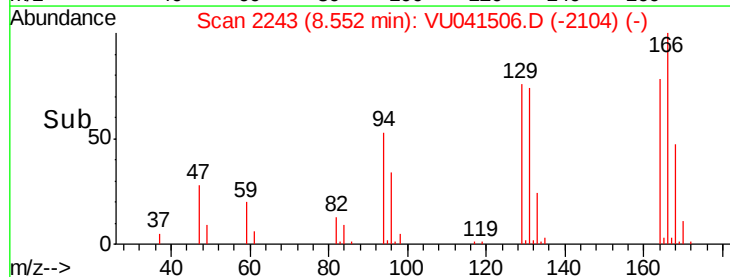
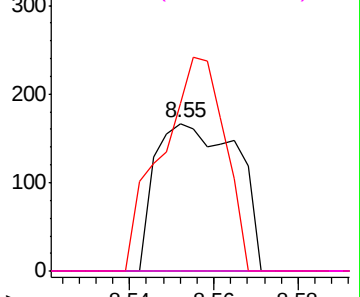


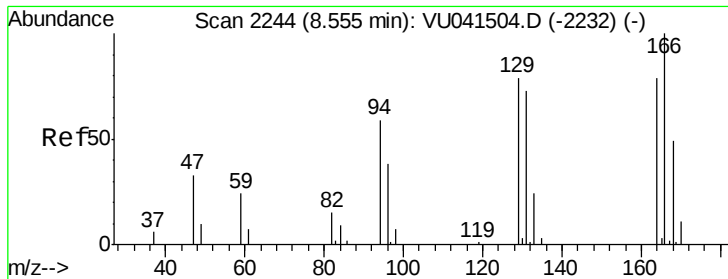
Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

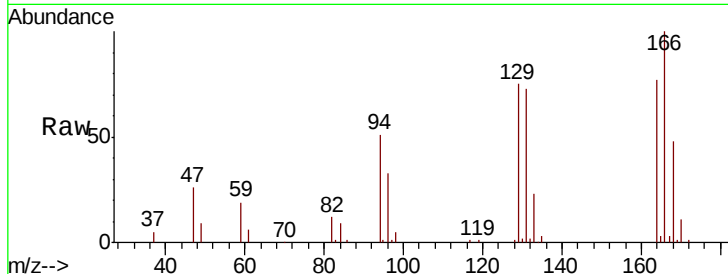




#47
Tetrachloroethene
Concen: 8.863 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	98.0	67.1	124.7
131	95.3	63.3	117.7
166	129.9	88.8	164.8



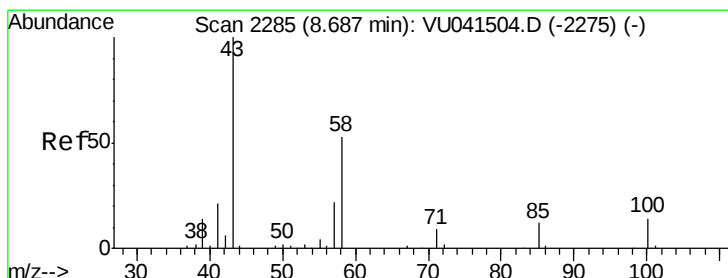
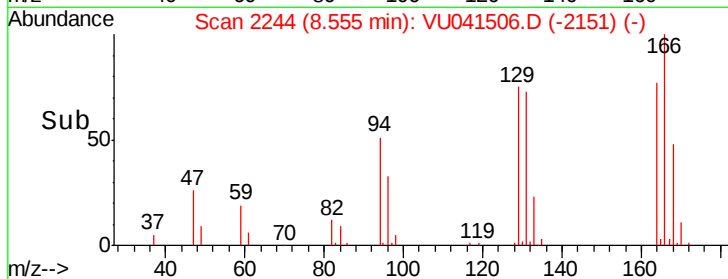
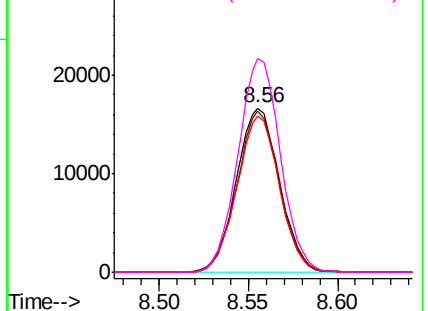
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

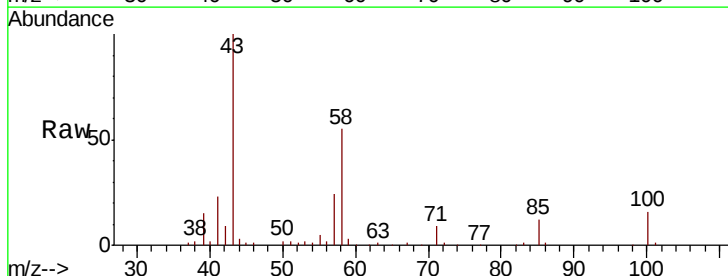
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48
2-Hexanone
Concen: 46.583 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VU041506.D
Acq: 09 Dec 2020 11:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.5	41.4	62.0
57	23.8	17.1	25.7
100	16.0	10.6	16.0#



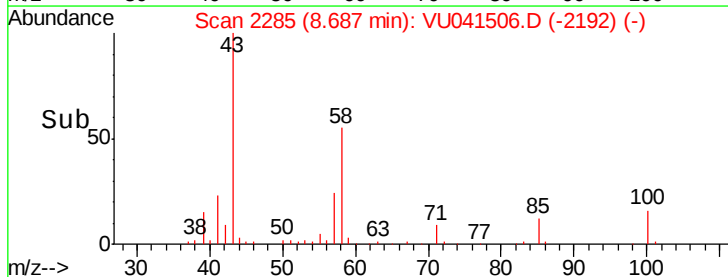
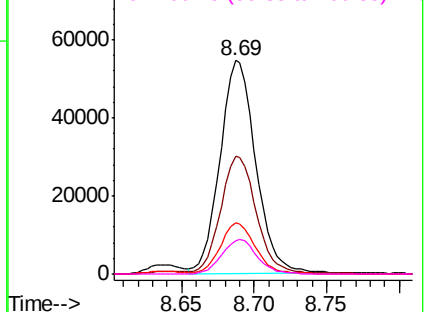
Abundance

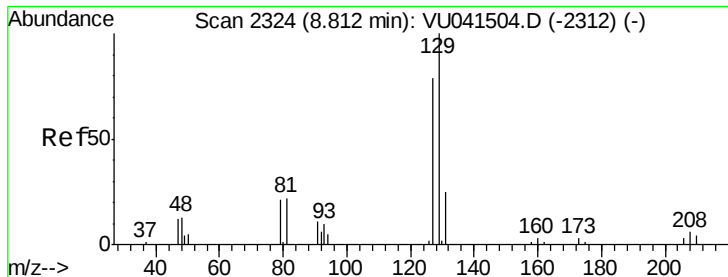
Ion 43.05 (42.75 to 43.75): VU0

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: 6.720 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

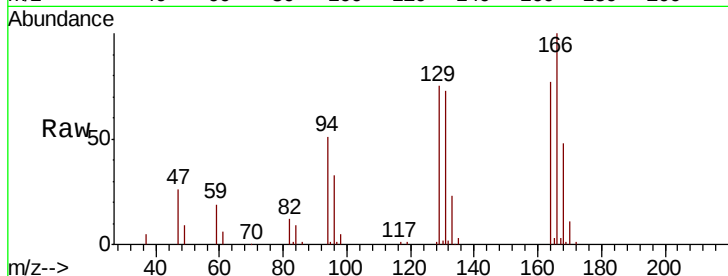
ClientSampled :

Tot Ion:129 Resp: 27268

Ion Ratio Lower Upper

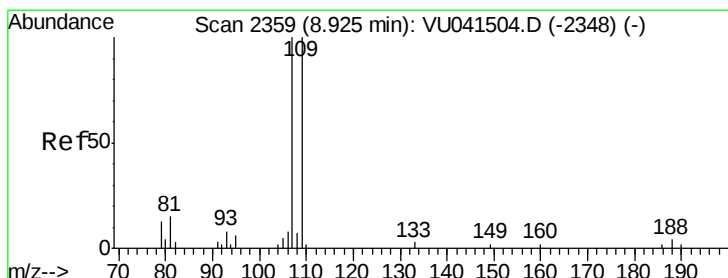
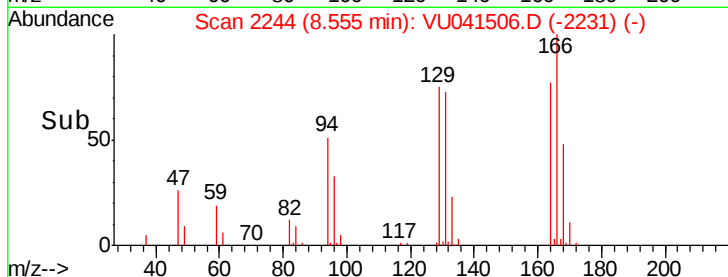
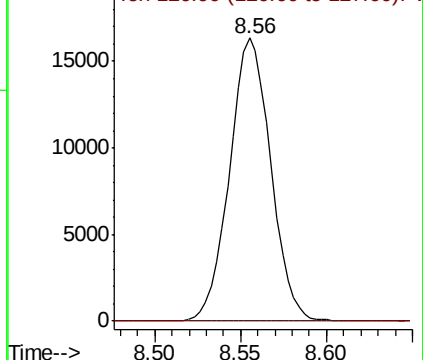
129 100

127 0.0 52.4 97.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#50

1,2-Dibromoethane

Concen: 14.693 ug/L

RT: 8.93 min Scan# 2360

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

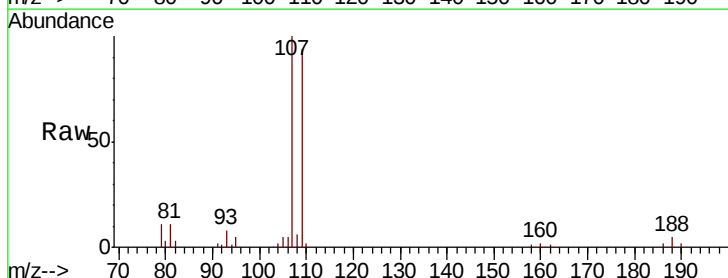
Tgt Ion:107 Resp: 44143

Ion Ratio Lower Upper

107 100

109 94.3 62.3 115.7

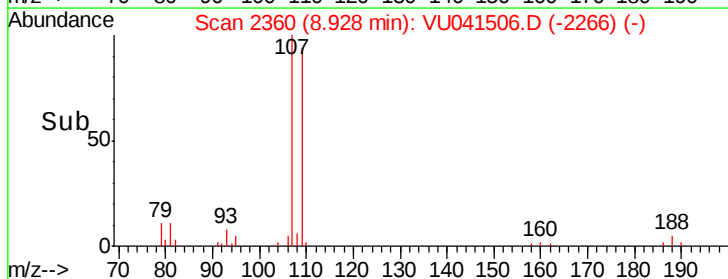
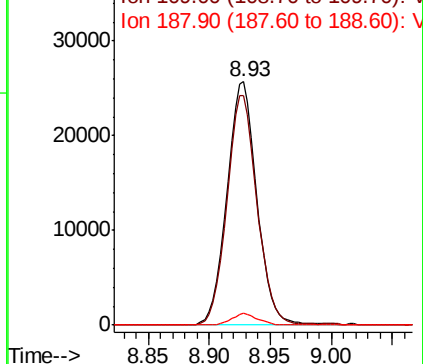
188 4.8 4.2 6.4

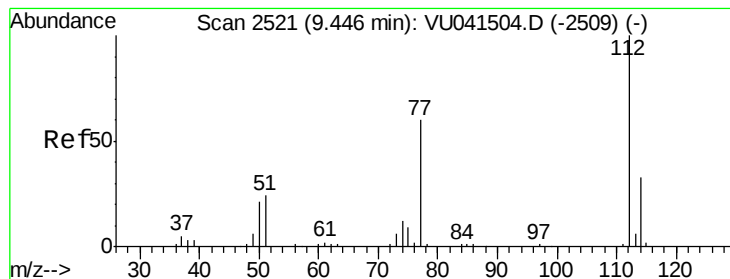


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V





#51

Chlorobenzene

Concen: 10.607 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

ClientSampled :

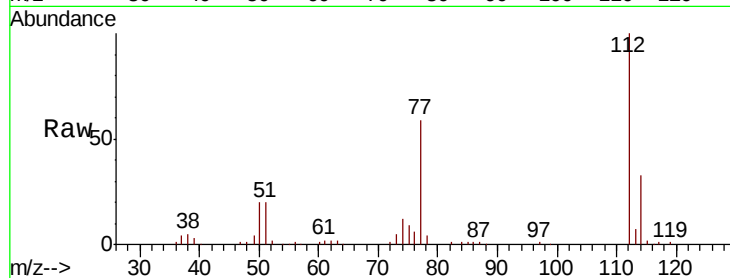
Tot Ion:112 Resp: 104848

Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.1

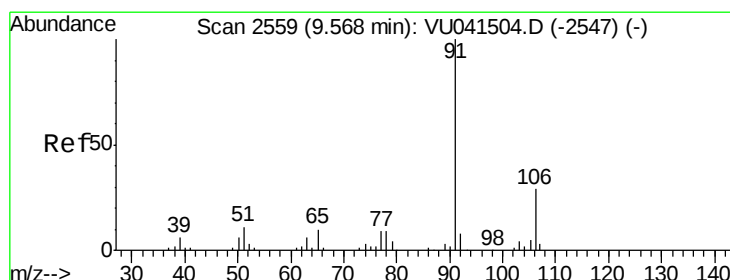
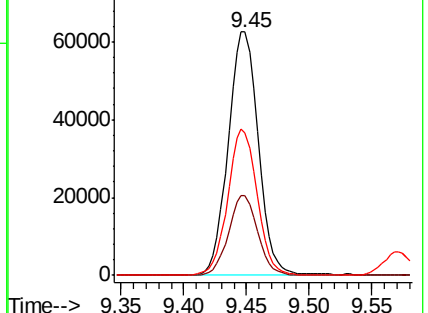
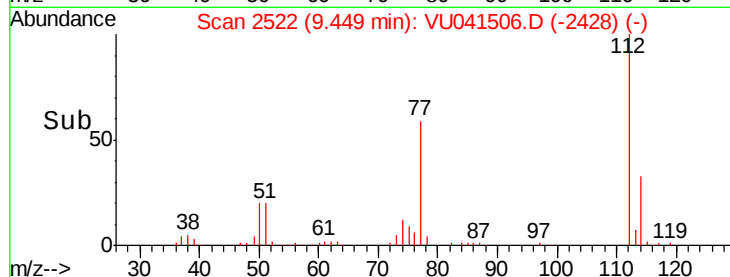
77 58.5 48.2 72.2



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): VU0



#52

Ethylbenzene

Concen: 6.132 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041506.D

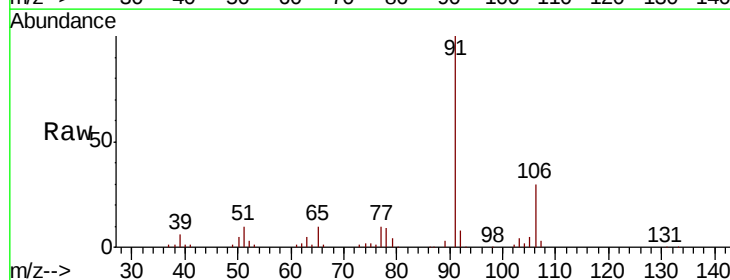
Acq: 09 Dec 2020 11:19

Tgt Ion: 91 Resp: 104228

Ion Ratio Lower Upper

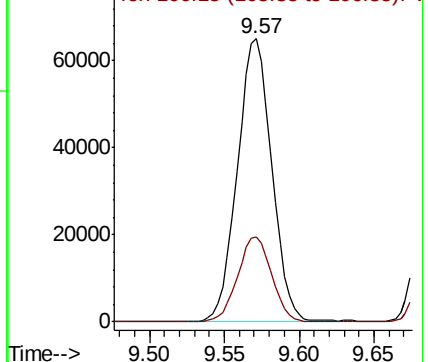
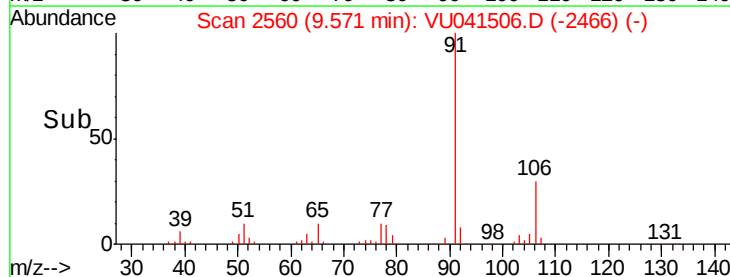
91 100

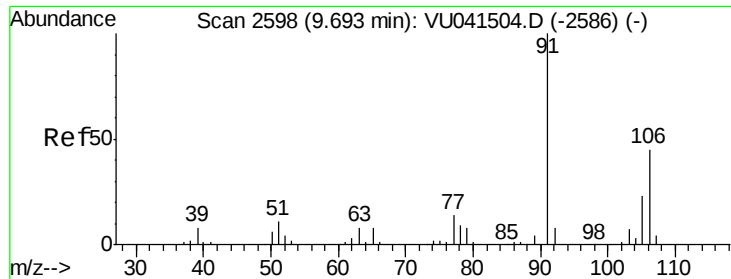
106 30.1 21.8 40.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 13.152 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

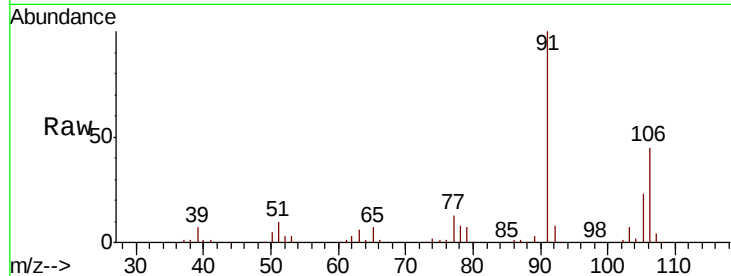
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 81151

Ion Ratio Lower Upper

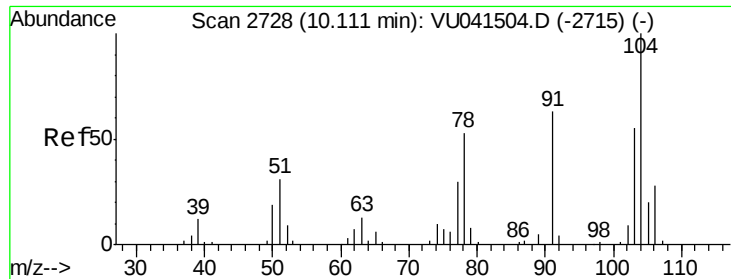
106 100

91 221.0 151.8 282.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Stvrene

Concen: 5.354 ug/L

RT: 10.11 min Scan# 2728

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

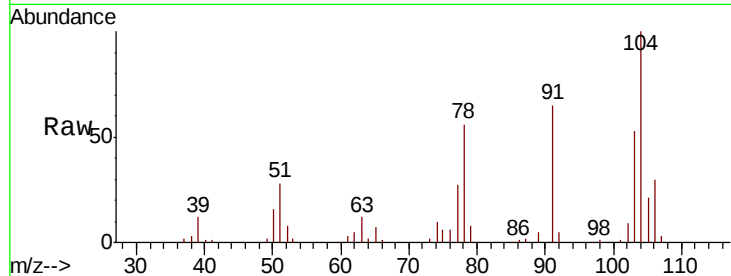
ClientSampled :

Tot Ion:104 Resp: 54390

Ion Ratio Lower Upper

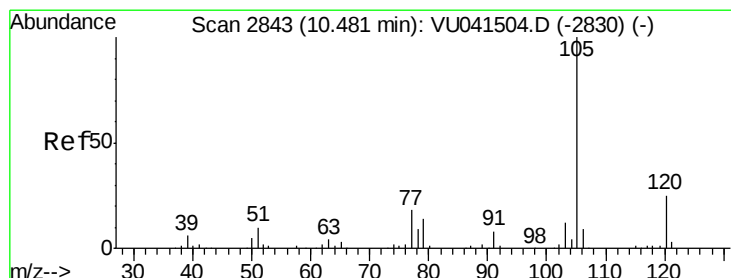
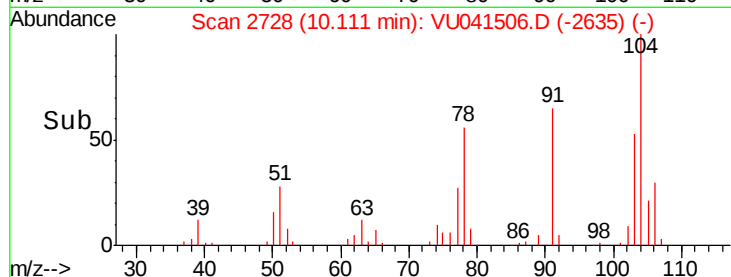
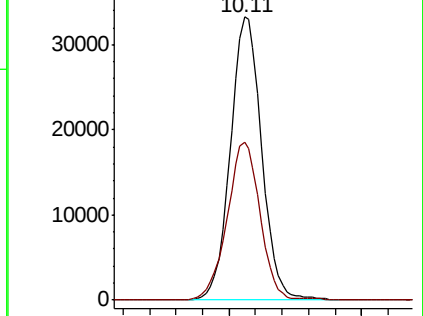
104 100

78 55.9 39.8 74.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 3.231 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

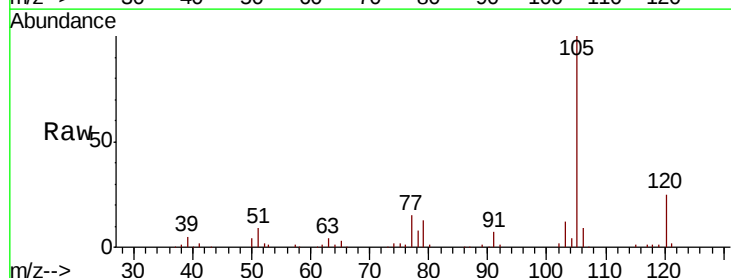
Tgt Ion:105 Resp: 54564

Ion Ratio Lower Upper

105 100

120 25.7 20.0 30.0

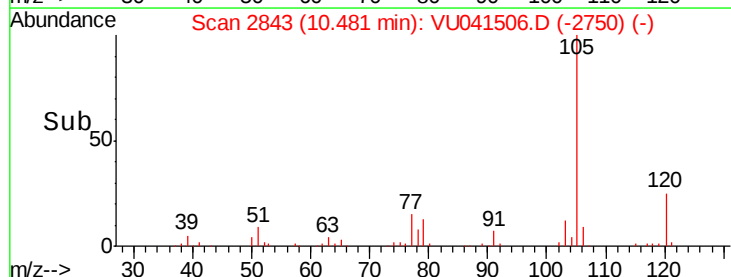
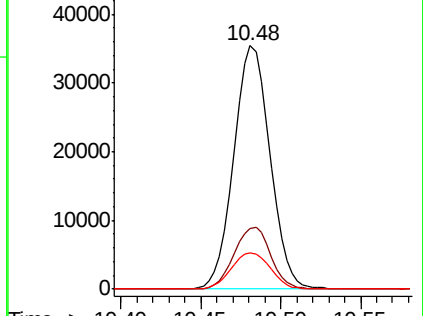
77 16.0 13.9 20.9

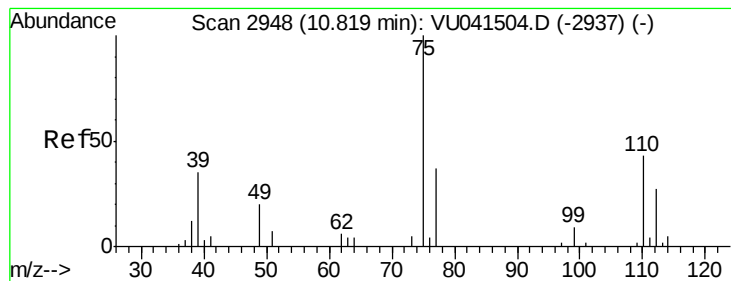


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.223 ug/L

RT: 10.11 min Scan# 2728

Delta R.T. -0.71 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

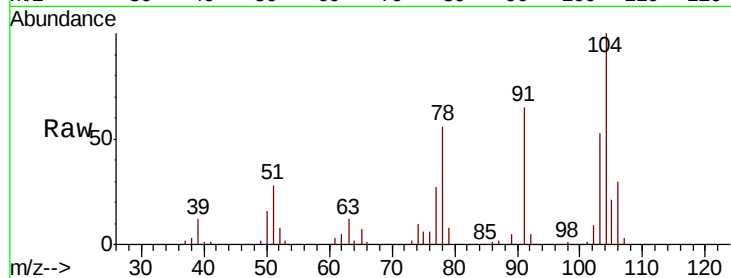
ClientSampleId :

Tot Ion: 75 Resp: 3665

Ion Ratio Lower Upper

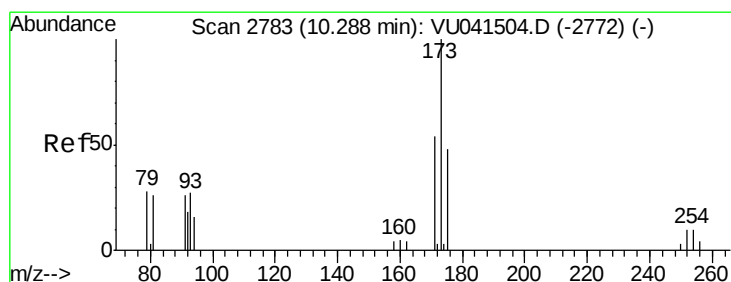
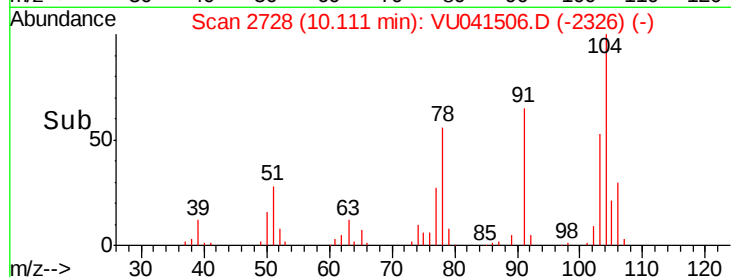
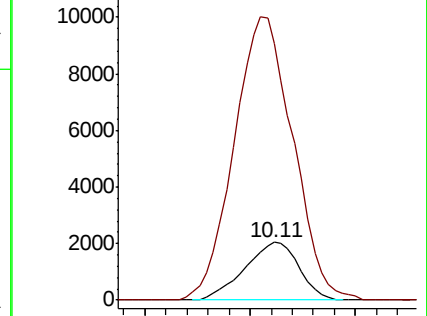
75 100

77 529.2 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU041504.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU041504.D (-2937) (-)



#61

Bromoform

Concen: 6.174 ug/L

RT: 10.29 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

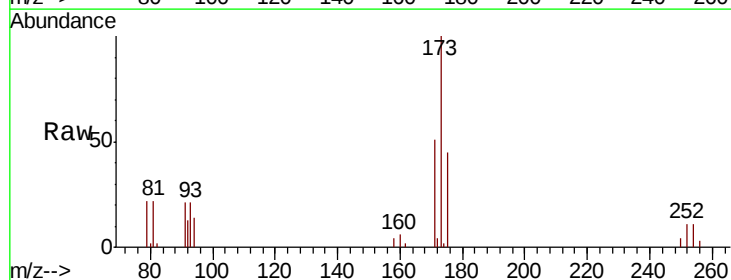
Tgt Ion: 173 Resp: 13176

Ion Ratio Lower Upper

173 100

175 45.1 38.8 58.2

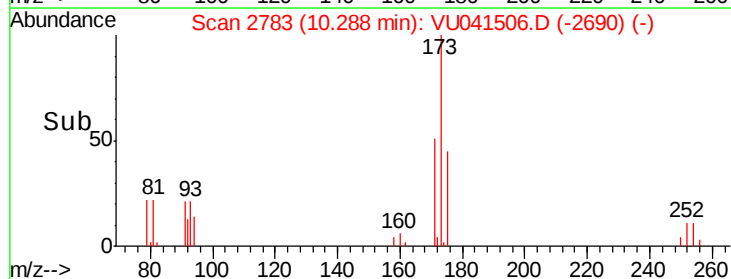
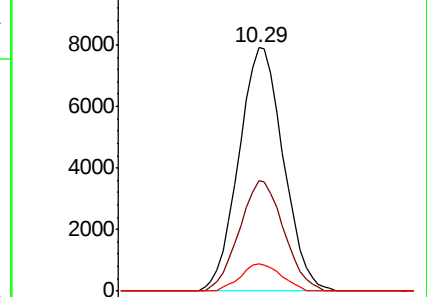
254 10.3 7.6 11.4

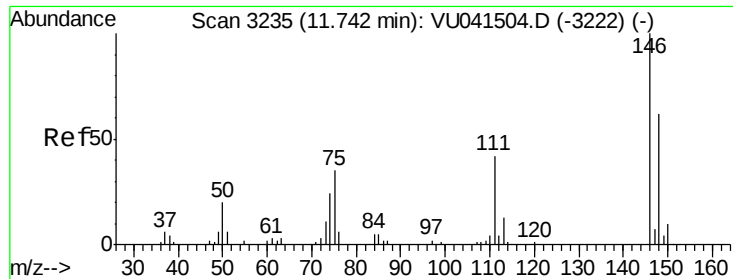


Abundance Ion 172.90 (172.60 to 173.60): VU041504.D (-2772) (-)

Ion 174.90 (174.60 to 175.60): VU041504.D (-2772) (-)

Ion 253.75 (253.45 to 254.45): VU041504.D (-2772) (-)





#62

1,3-Dichlorobenzene

Concen: 4.495 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.09 min

Lab File: VU041506.D

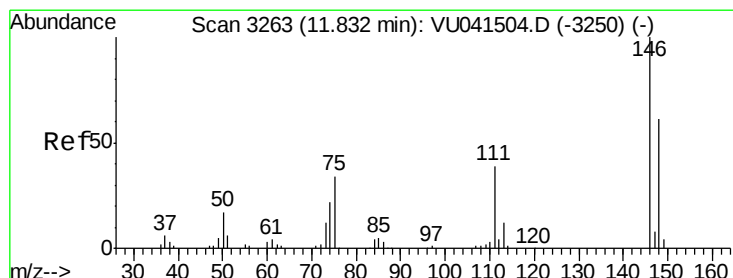
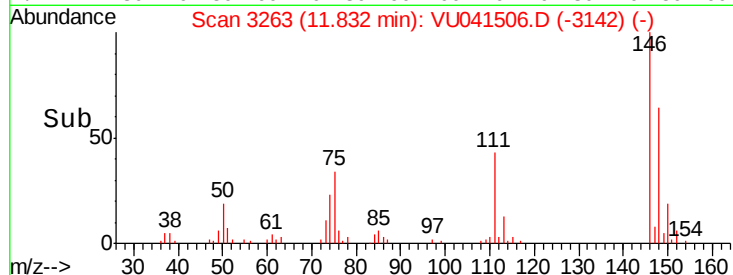
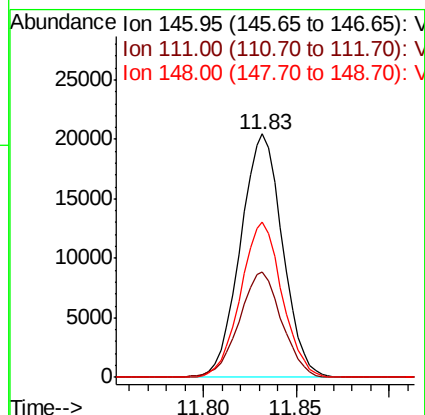
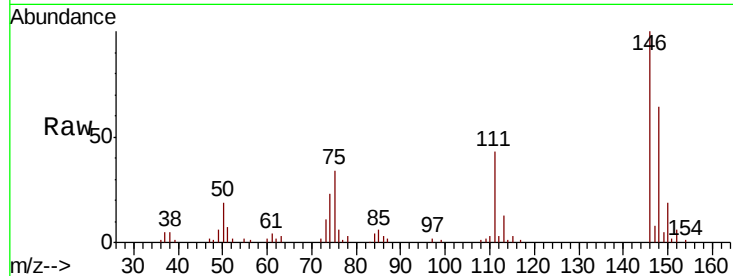
Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146	Resp:	32175
Ion Ratio	Lower	Upper
146	100	
111	43.2	30.2 56.0
148	63.6	44.0 81.6



#63

1,4-Dichlorobenzene

Concen: 4.385 ug/L

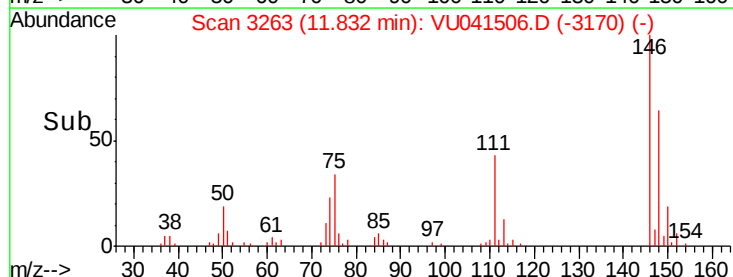
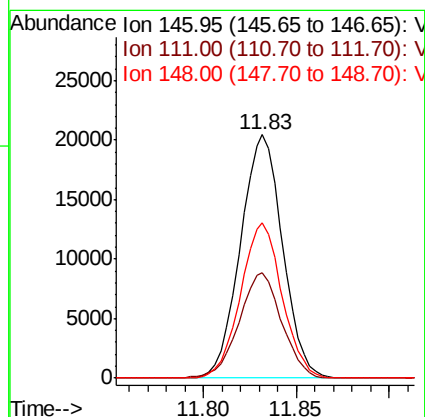
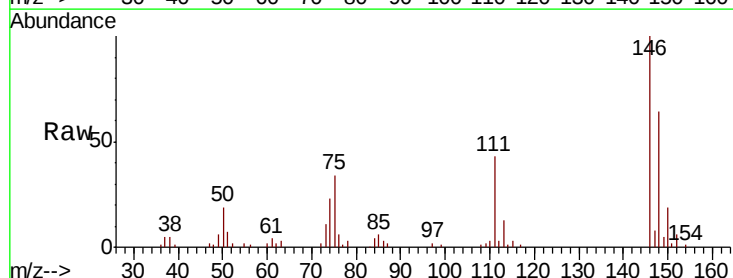
RT: 11.83 min Scan# 3263

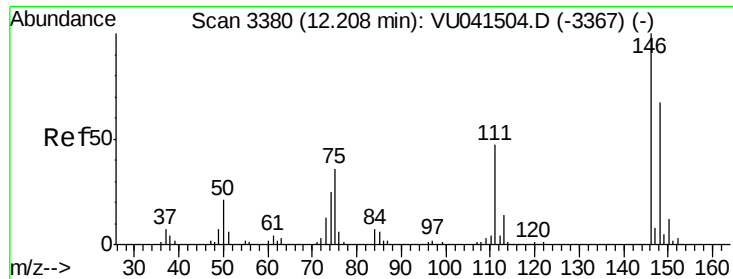
Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Tgt Ion:146	Resp:	32175
Ion Ratio	Lower	Upper
146	100	
111	43.2	30.7 57.1
148	63.6	45.8 85.2





#65

1,2-Dichlorobenzene

Concen: 12.125 ug/L

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

ClientSampleId :

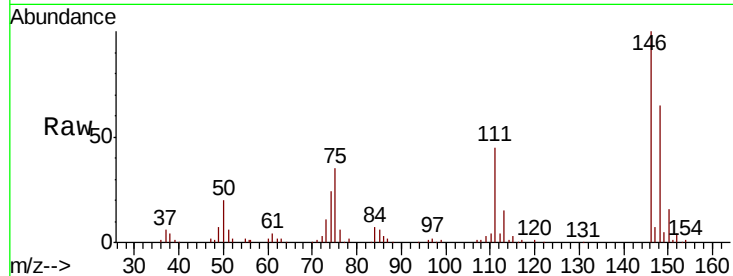
Tot Ion:146 Resp: 85926

Ion Ratio Lower Upper

146 100

111 45.3 36.0 54.0

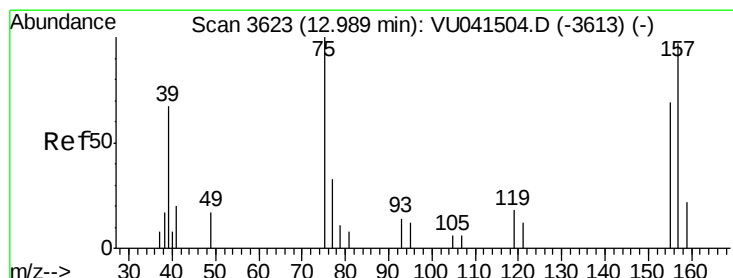
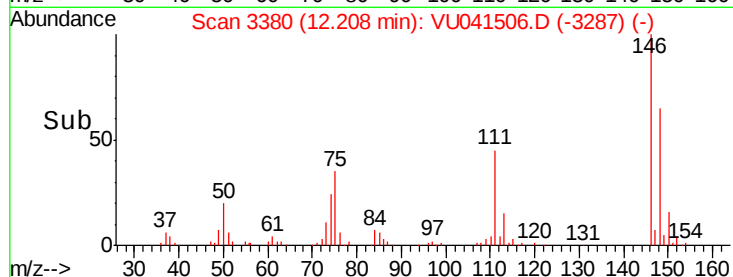
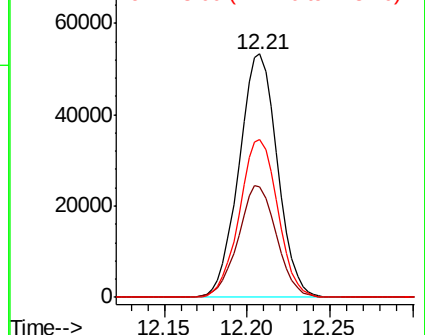
148 64.6 49.0 73.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.032 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

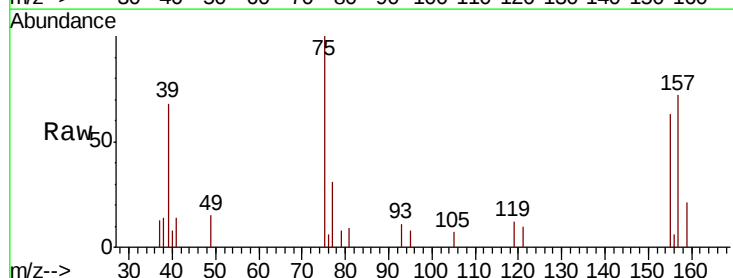
Tgt Ion: 75 Resp: 2799

Ion Ratio Lower Upper

75 100

155 62.6 58.0 87.0

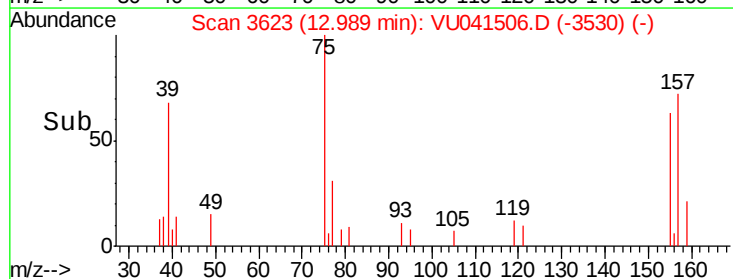
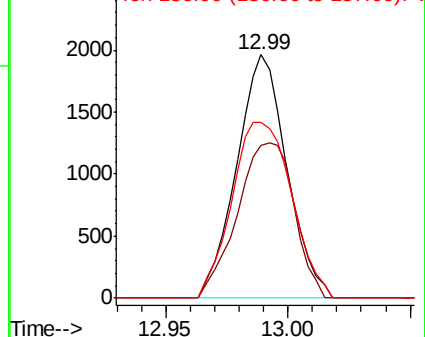
157 72.0 77.1 115.7#

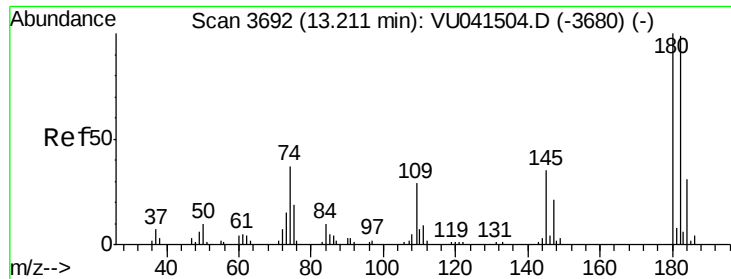


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

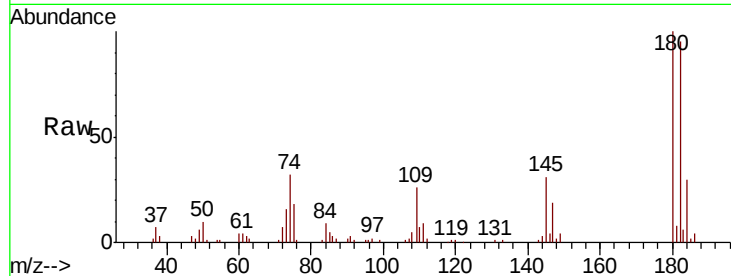




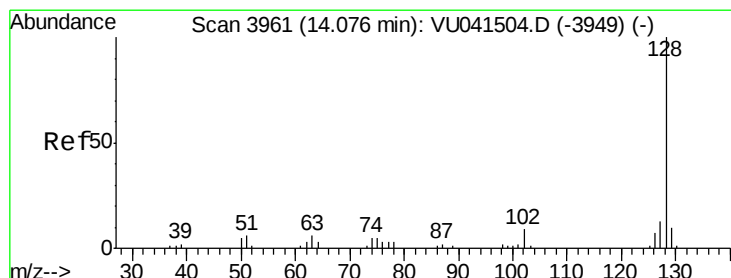
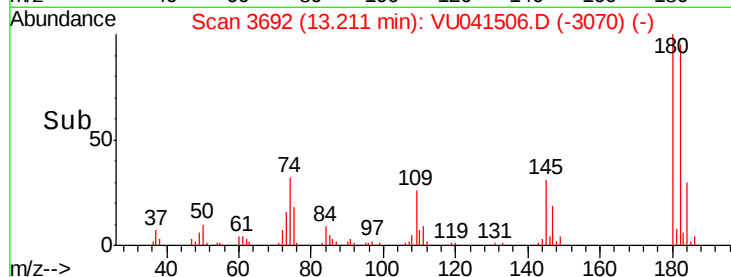
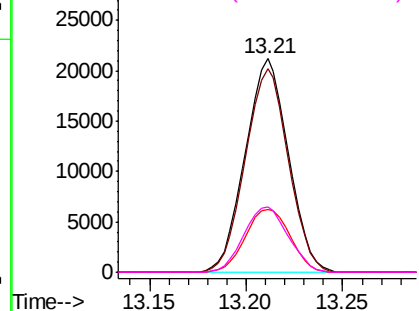
#67
 1,3,5-Trichlorobenzene
 Concen: 5.760 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU041506.D
 Acq: 09 Dec 2020 11:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 32945
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.3 114.5
 184 30.6 23.8 35.6
 145 31.3 25.1 37.7

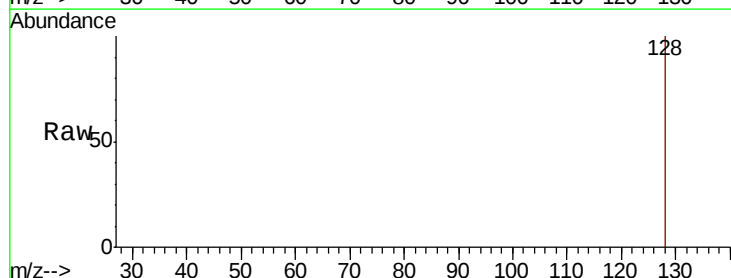


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

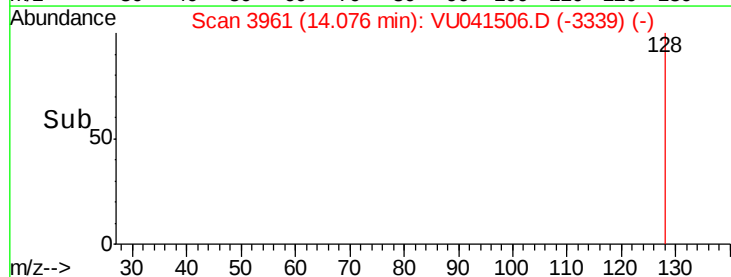
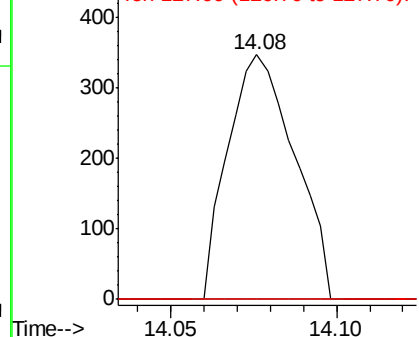


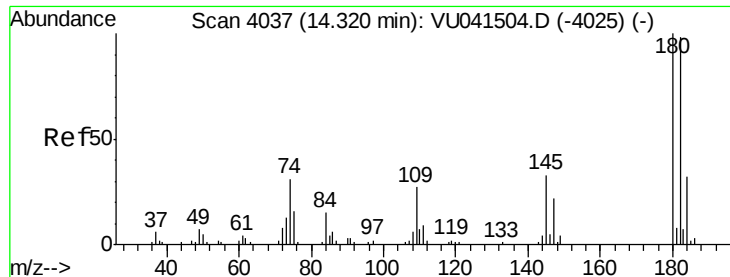
#69
 Naphthalene
 Concen: 0.068 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. 0.00 min
 Lab File: VU041506.D
 Acq: 09 Dec 2020 11:19

Tgt Ion:128 Resp: 487
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.6 12.8#
 127 0.0 10.9 16.3#



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





#70

1,2,3-Trichlorobenzene

Concen: 10.778 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU041506.D

Acq: 09 Dec 2020 11:19

Instrument :

MSVOA_U

ClientSampleId :

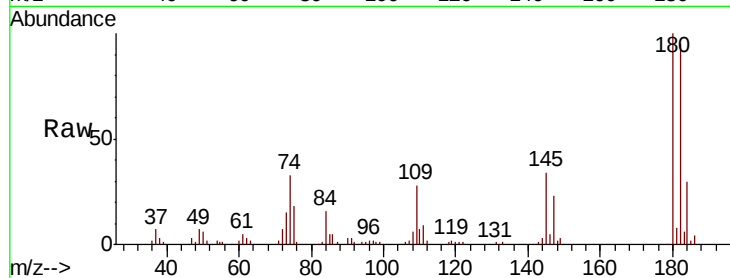
Tot Ion:180 Resp: 43668

Ion Ratio Lower Upper

180 100

182 96.1 79.1 118.7

145 33.2 27.8 41.8



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

