

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040503.D
 Acq On : 05 Oct 2020 12:39
 Operator : SY/MD
 Sample : L4266-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR3

Quant Time: Oct 06 07:52:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28570	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.92	69	23767	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	44031	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.65	46	116686	40.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.46%
24) Chloroform-d	5.08	84	60357	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	37873	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.74	84	110030	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.70	67	38251	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.90	98	90887	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.18	79	15846	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	76779	35.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34730	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	37008	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	12183	1.050	ug/L 99
5) Vinyl chloride	1.61	62	718	0.063	ug/L # 1
6) Bromomethane	1.87	94	593	0.107	ug/L 89
8) Chloroethane	1.94	64	352	0.052	ug/L 89
9) Trichlorofluoromethane	2.15	101	927	0.059	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	979	0.097	ug/L # 57
12) 1,1-Dichloroethene	2.58	96	772	0.086	ug/L # 1
13) Acetone	2.66	43	19362	8.011	ug/L 66
14) Carbon disulfide	2.81	76	3123	0.110	ug/L 97
15) Methyl Acetate	2.96	43	1238	0.213	ug/L # 56
19) 1,1-Dichloroethane	3.89	63	1150	0.060	ug/L # 88
25) Chloroform	5.11	83	3678	0.189	ug/L 98
27) 1,2-Dichloroethane	5.81	62	962	0.071	ug/L # 74
31) Carbon tetrachloride	5.54	117	674	0.047	ug/L 84
33) Benzene	5.79	78	2775	0.068	ug/L 100
35) Methylcyclohexane	6.76	83	443	0.028	ug/L # 46
38) Bromodichloromethane	7.11	83	726	0.052	ug/L # 97

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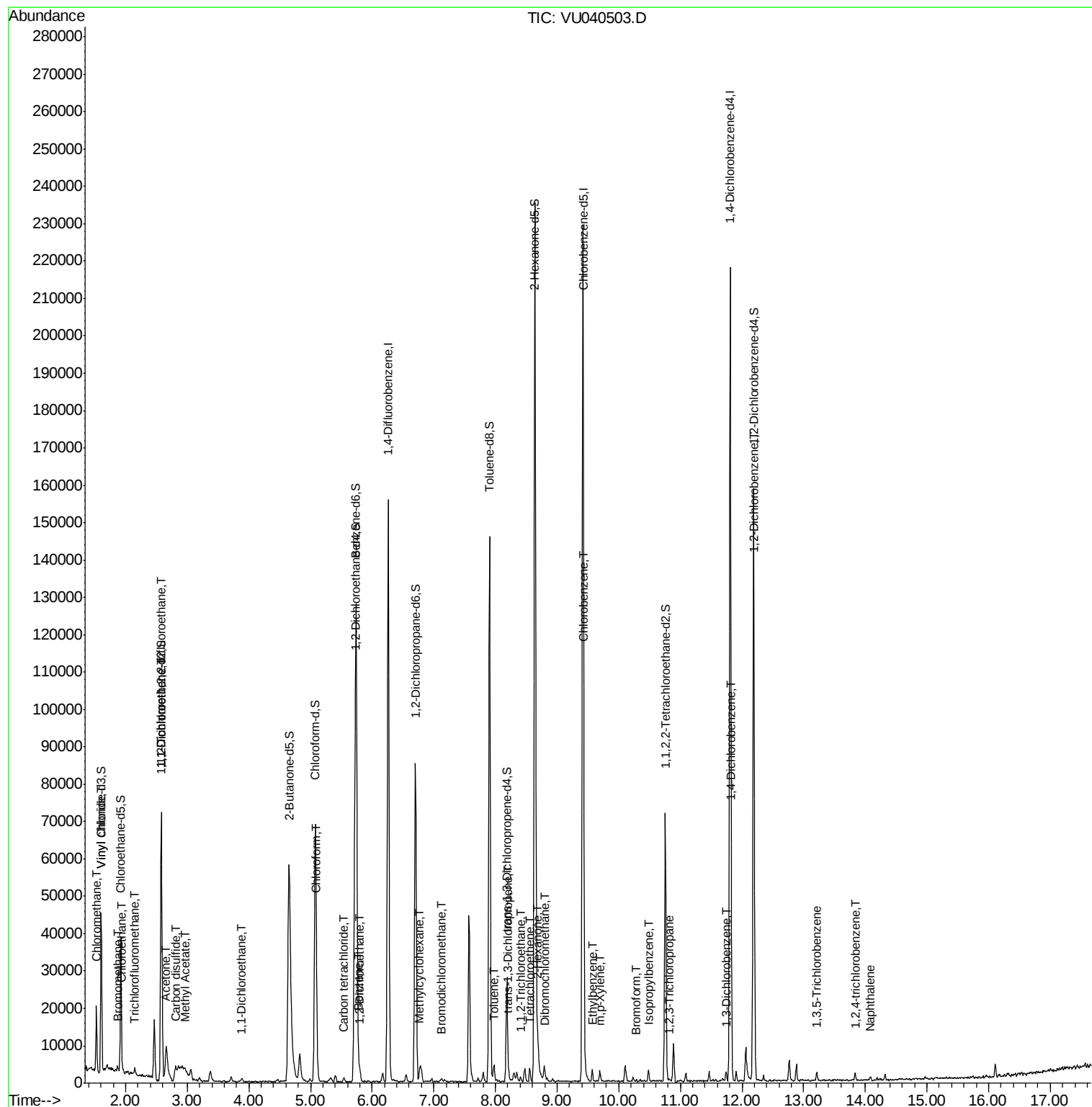
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	3499	0.084	ug/L	95
44) trans-1,3-Dichloropropene	8.21	75	791	0.056	ug/L #	42
45) 1,1,2-Trichloroethane	8.40	97	501	0.063	ug/L #	60
47) Tetrachloroethene	8.56	164	732	0.095	ug/L	87
48) 2-Hexanone	8.69	43	4401	0.670	ug/L #	91
49) Dibromochloromethane	8.81	129	447	0.048	ug/L	93
51) Chlorobenzene	9.44	112	1689	0.062	ug/L	95
52) Ethylbenzene	9.57	91	2590	0.057	ug/L	98
53) m,p-Xylene	9.69	106	832	0.049	ug/L	85
56) Isopropylbenzene	10.48	105	2138	0.050	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	459	0.056	ug/L	95
61) Bromoform	10.29	173	208	0.047	ug/L #	81
62) 1,3-Dichlorobenzene	11.74	146	1112	0.062	ug/L #	91
63) 1,4-Dichlorobenzene	11.83	146	1536	0.083	ug/L	94
65) 1,2-Dichlorobenzene	12.20	146	1511	0.087	ug/L #	89
67) 1,3,5-Trichlorobenzene	13.21	180	730	0.057	ug/L #	82
68) 1,2,4-trichlorobenzene	13.83	180	816	0.080	ug/L #	90
69) Naphthalene	14.08	128	1333	0.076	ug/L #	78

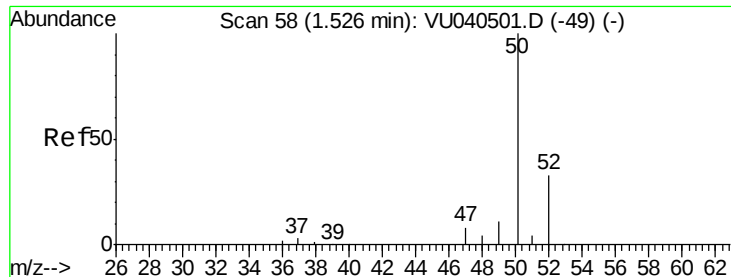
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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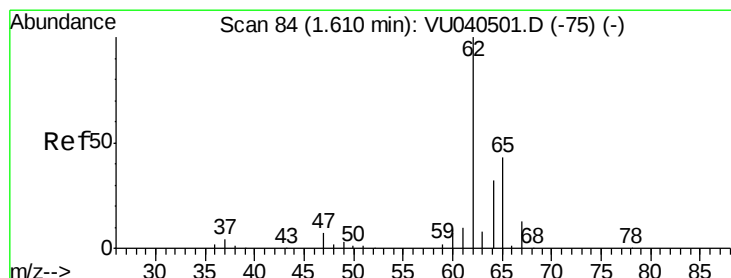
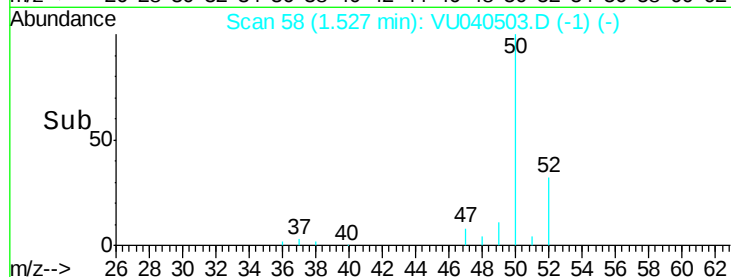
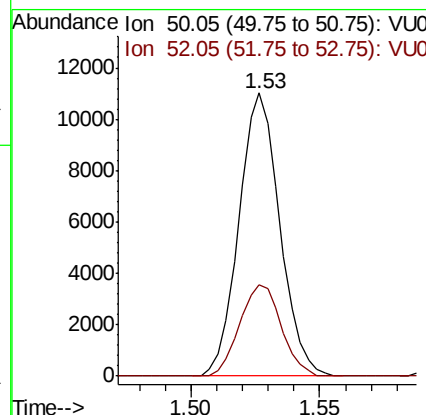
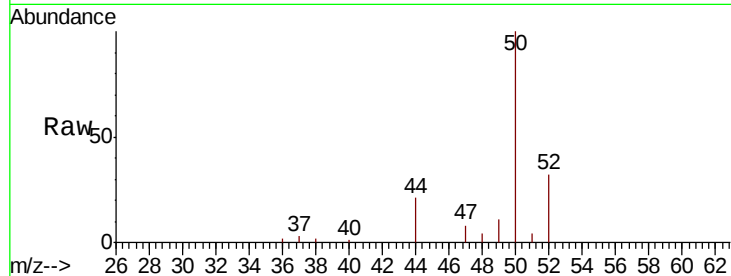




#3
Chloromethane
Concen: 1.050 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

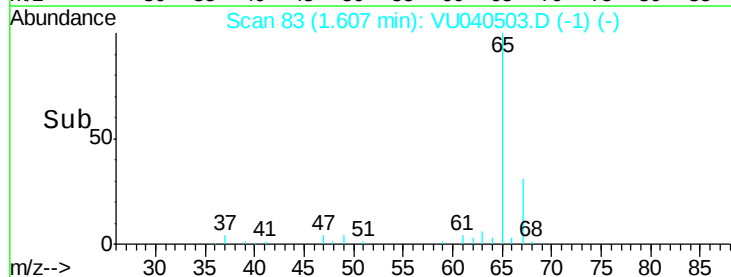
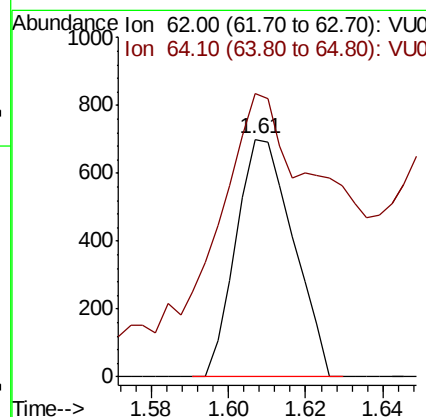
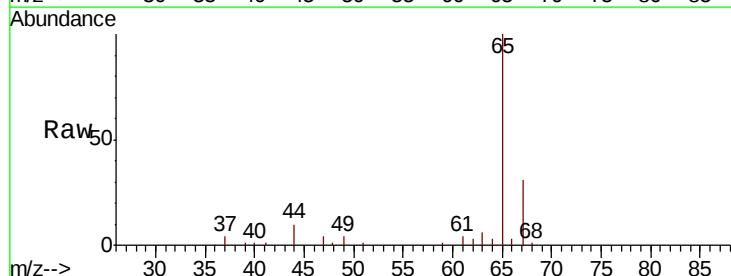
Instrument :
MSVOA_U
ClientSampleId :
BFZR3

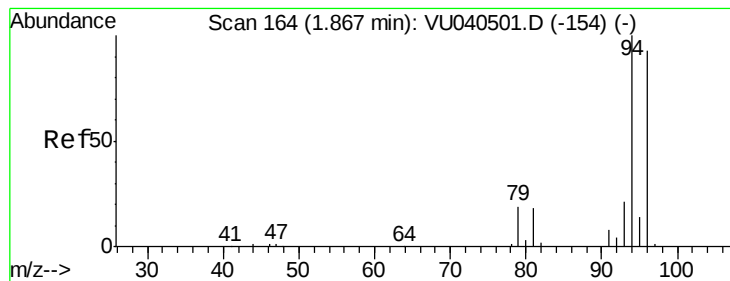
Tot Ion: 50 Resp: 12183
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.6



#5
Vinyl chloride
Concen: 0.063 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion: 62 Resp: 718
Ion Ratio Lower Upper
62 100
64 119.0 23.0 42.8#





#6

Bromomethane

Concen: 0.107 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

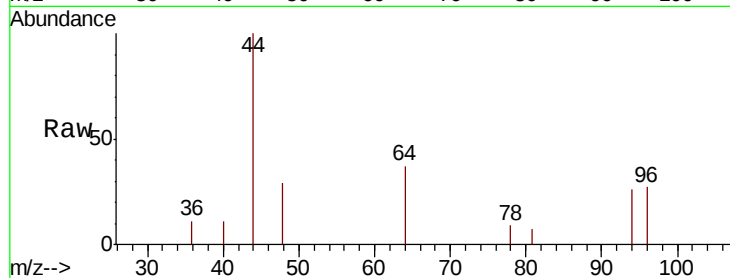
BFZR3

Tot Ion: 94 Resp: 593

Ion Ratio Lower Upper

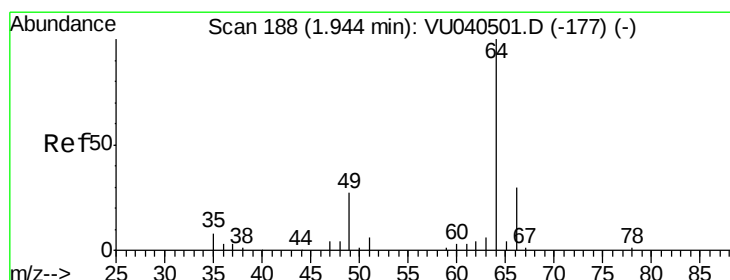
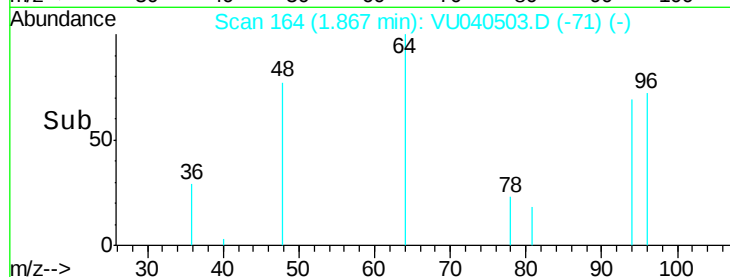
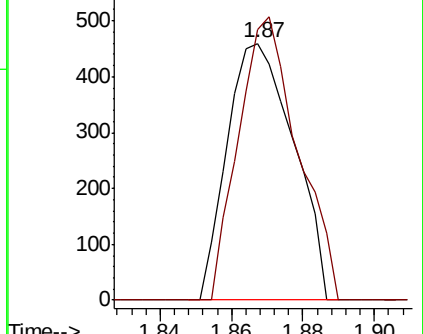
94 100

96 105.2 66.3 123.1



Abundance Ion 94.00 (93.70 to 94.70): VU040503.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU040503.D (-154) (-)



#8

Chloroethane

Concen: 0.052 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040503.D

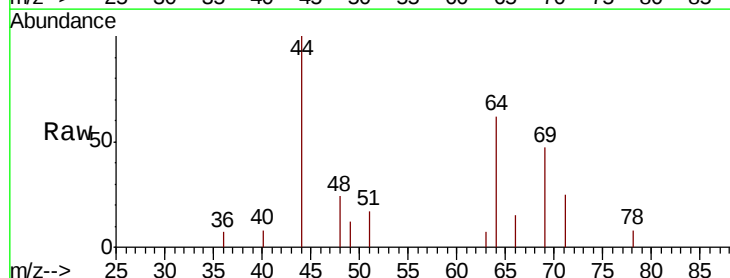
Acq: 05 Oct 2020 12:39

Tgt Ion: 64 Resp: 352

Ion Ratio Lower Upper

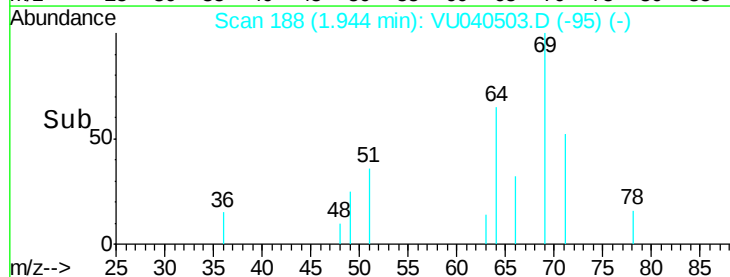
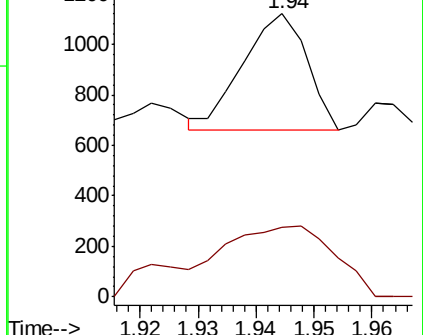
64 100

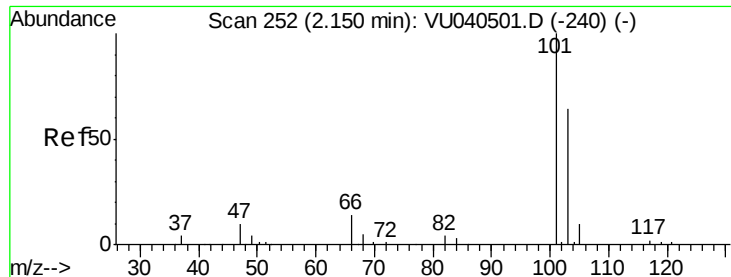
66 24.7 21.3 39.6



Abundance Ion 64.10 (63.80 to 64.80): VU040503.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU040503.D (-177) (-)





#9

Trichlorofluoromethane

Concen: 0.059 ug/L

RT: 2.15 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

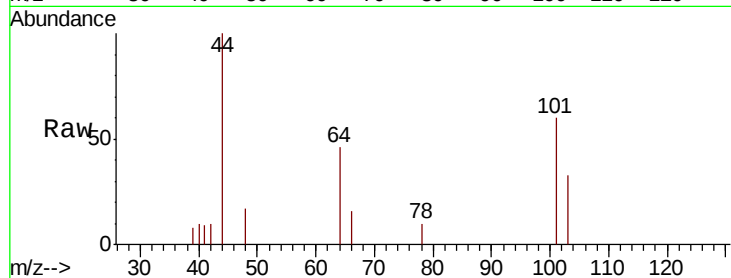
BFZR3

Tot Ion:101 Resp: 927

Ion Ratio Lower Upper

101 100

103 65.4 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.15

800

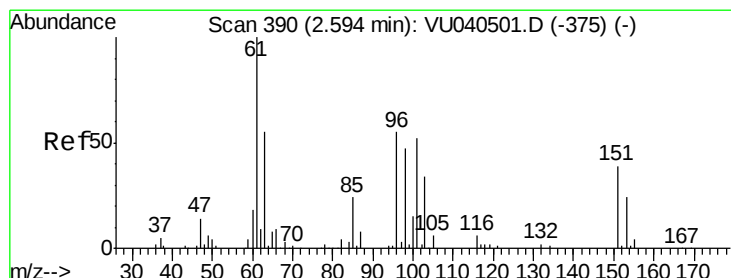
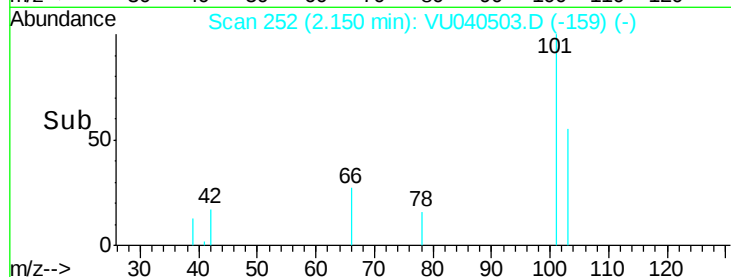
600

400

200

0

Time-->



#10

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

Concen: 0.097 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

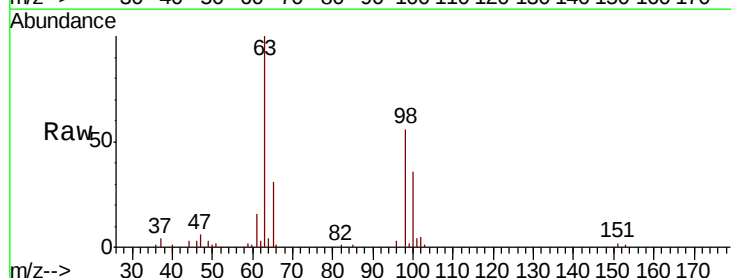
Tgt Ion:101 Resp: 979

Ion Ratio Lower Upper

101 100

85 18.7 35.0 52.6#

151 32.0 55.4 83.2#



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

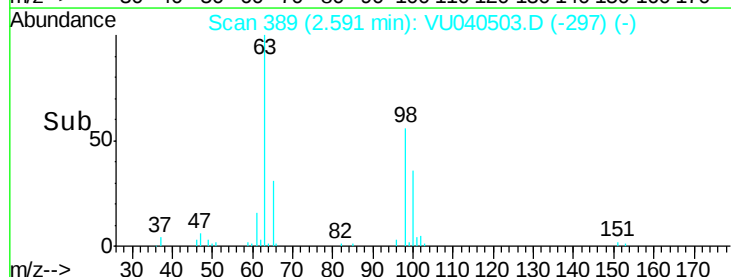
600

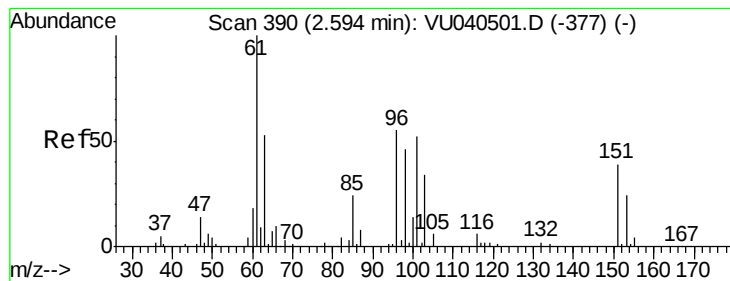
400

200

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

BFZR3

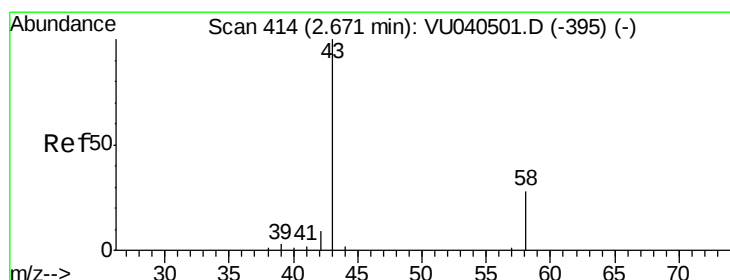
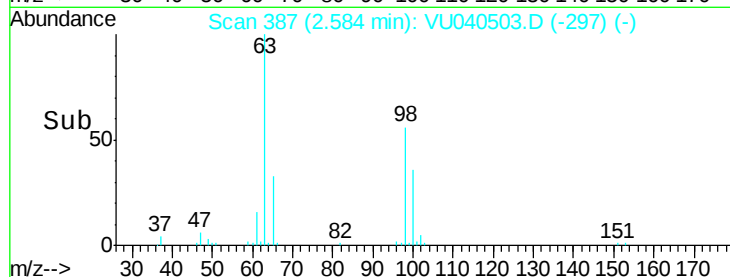
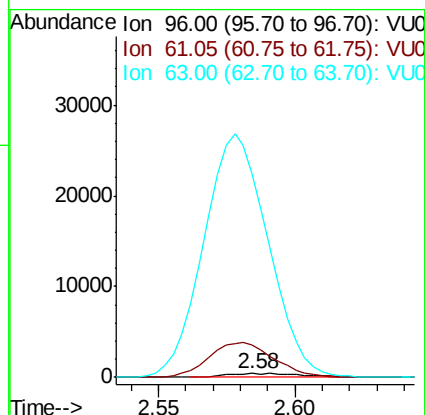
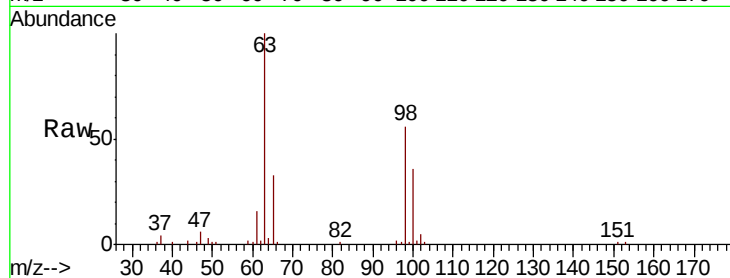
Tot Ion: 96 Resp: 772

Ion Ratio Lower Upper

96 100

61 888.7 128.6 238.8#

63 5630.0 67.8 126.0#



#13

Acetone

Concen: 8.011 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040503.D

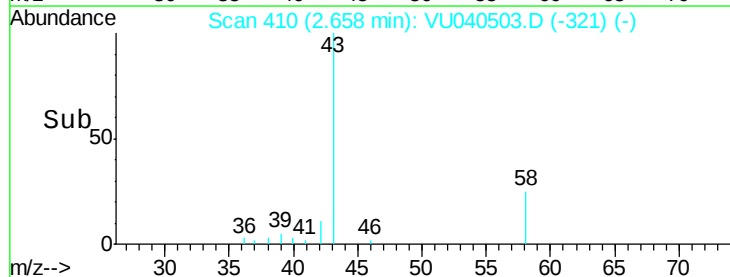
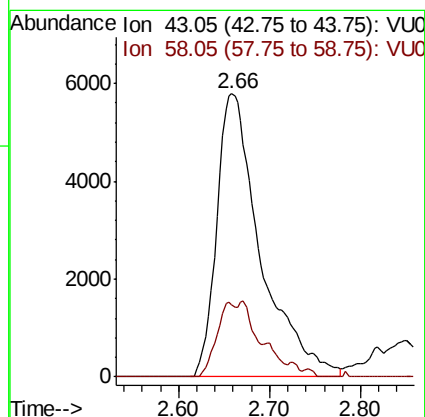
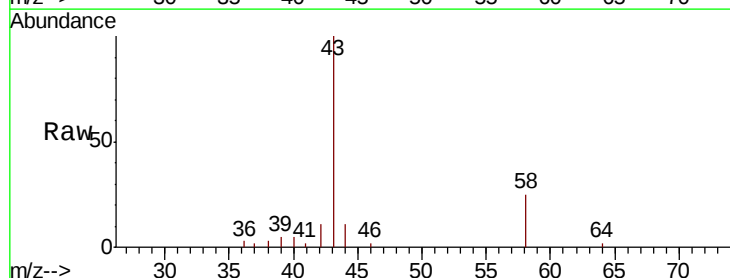
Acq: 05 Oct 2020 12:39

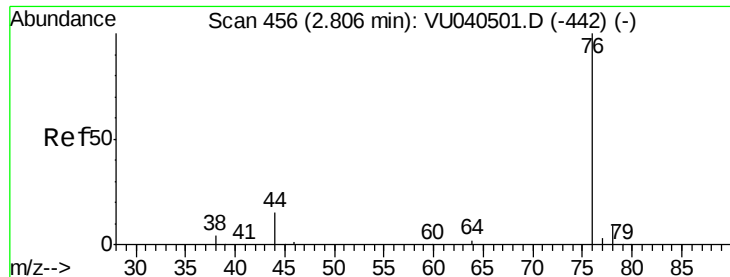
Tgt Ion: 43 Resp: 19362

Ion Ratio Lower Upper

43 100

58 12.4 0.0 61.8





#14

Carbon disulfide

Concen: 0.110 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040503.D

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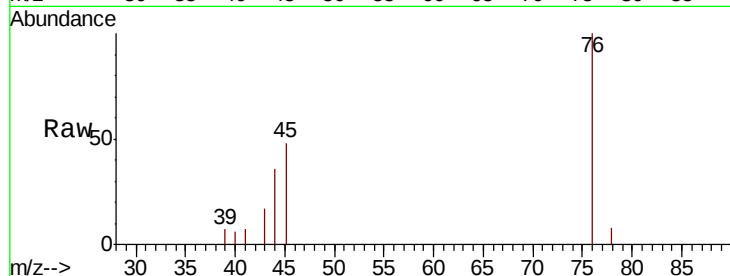
BFZR3

Tot Ion: 76 Resp: 3123

Ion Ratio Lower Upper

76 100

78 8.1 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.81

1500

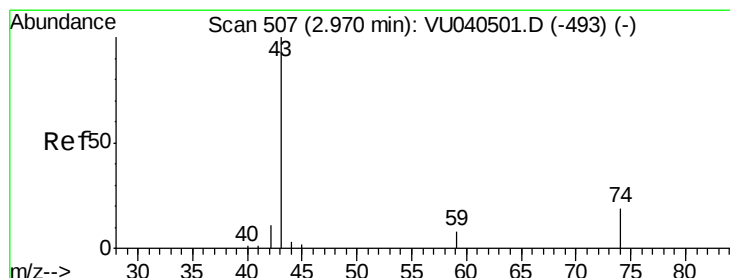
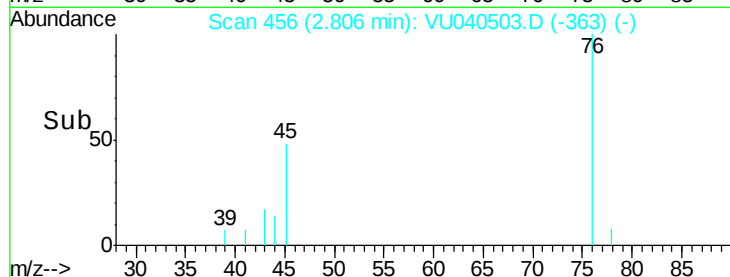
1000

500

0

2.75 2.80 2.85

Time-->



#15

Methyl Acetate

Concen: 0.213 ug/L

RT: 2.96 min Scan# 505

Delta R.T. -0.01 min

Lab File: VU040503.D

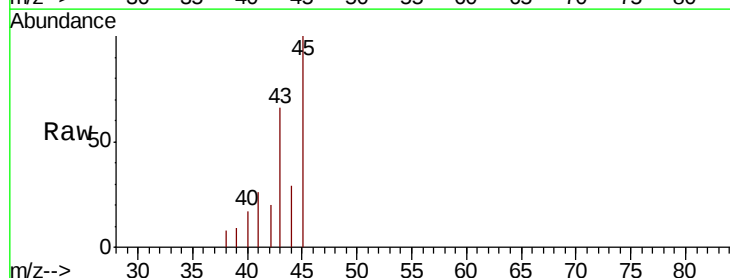
Acq: 05 Oct 2020 12:39

Tgt Ion: 43 Resp: 1238

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

1200

1000

800

600

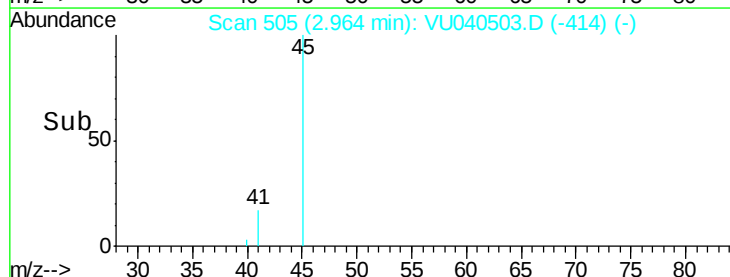
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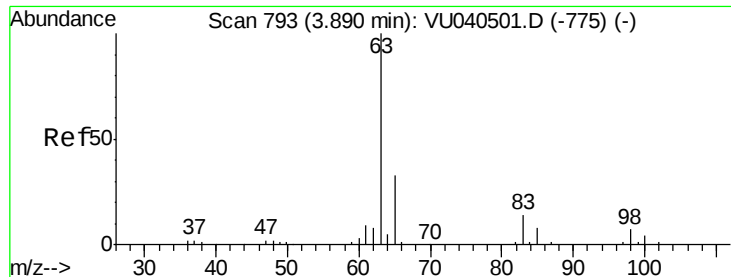
200

0

2.95 3.00

Time-->

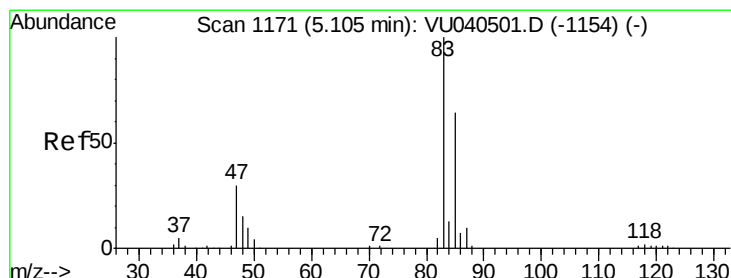
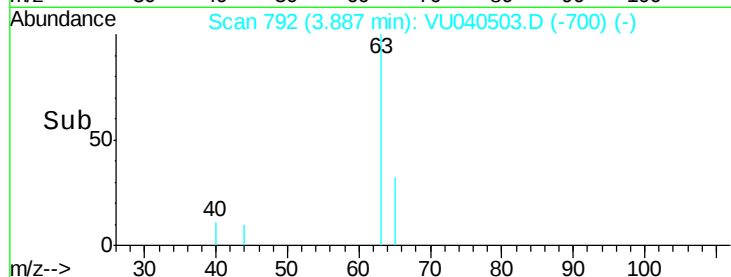
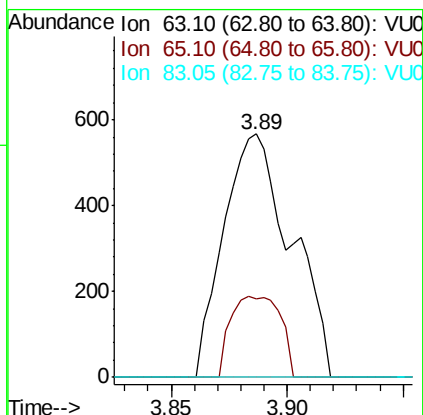
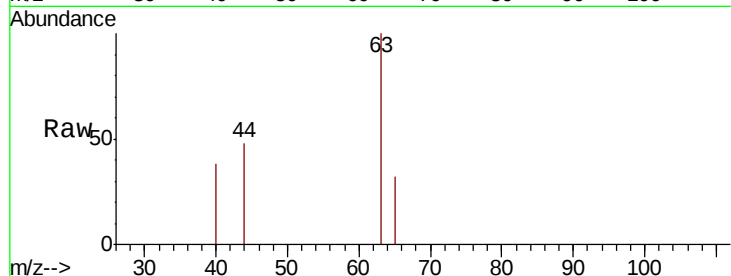




#19
 1,1-Dichloroethane
 Concen: 0.060 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
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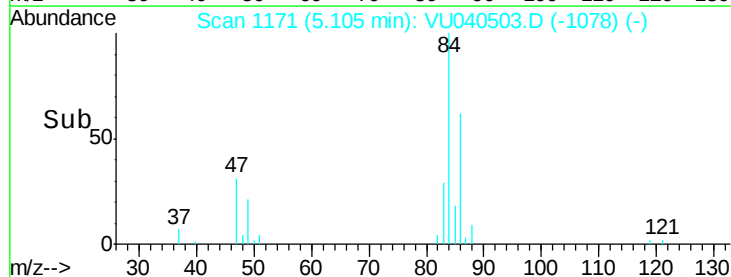
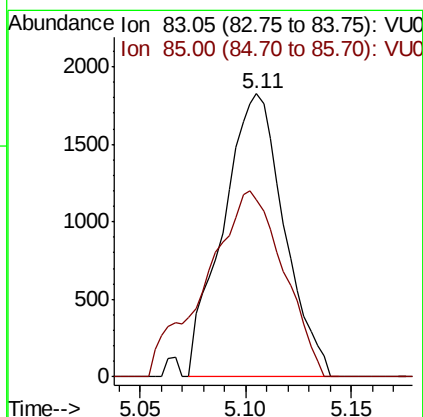
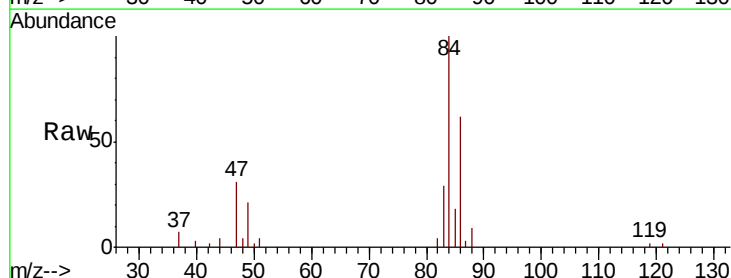
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 ClientSampleId :
 BFZR3

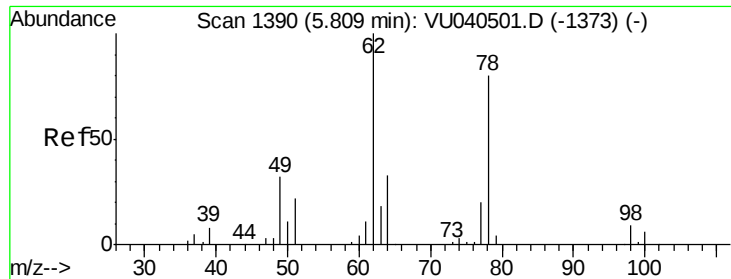
Tot Ion: 63 Resp: 1150
 Ion Ratio Lower Upper
 63 100
 65 32.5 21.7 40.3
 83 0.0 9.1 16.9#



#25
 Chloroform
 Concen: 0.189 ug/L
 RT: 5.11 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU040503.D
 Acq: 05 Oct 2020 12:39

Tgt Ion: 83 Resp: 3678
 Ion Ratio Lower Upper
 83 100
 85 62.5 44.6 82.8

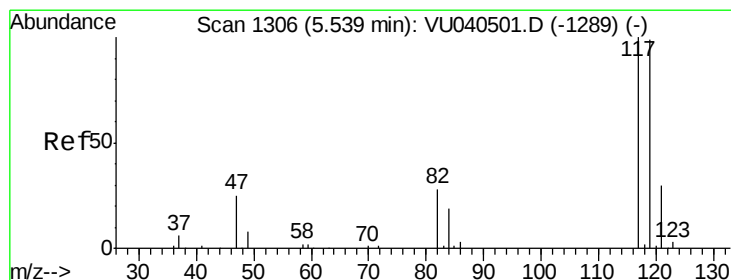
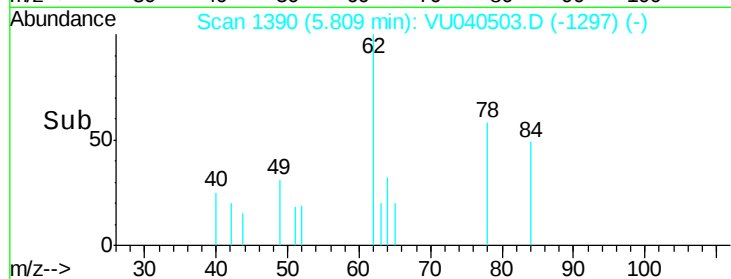
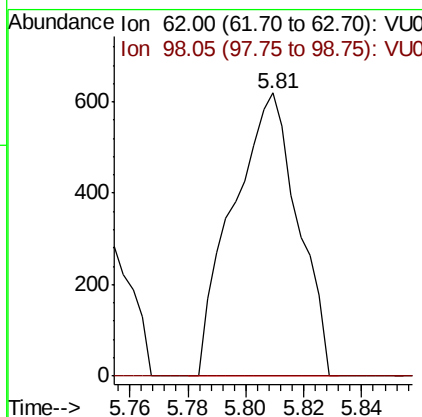
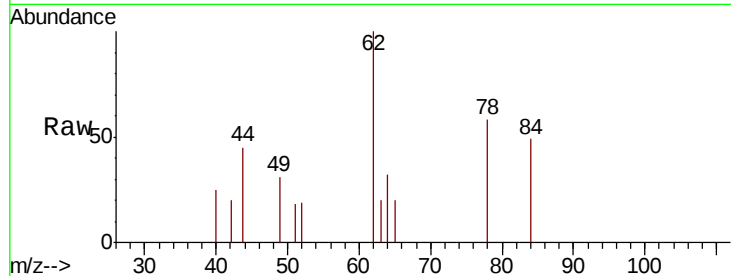




#27
 1,2-Dichloroethane
 Concen: 0.071 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU040503.D
 Acq: 05 Oct 2020 12:39

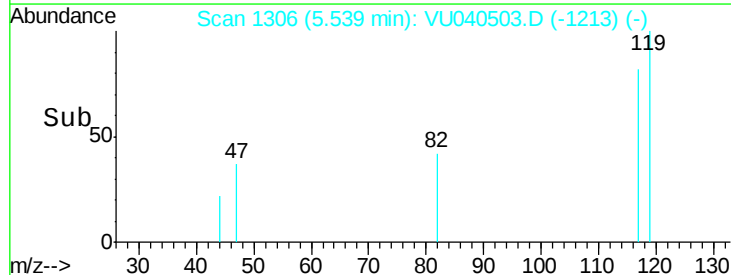
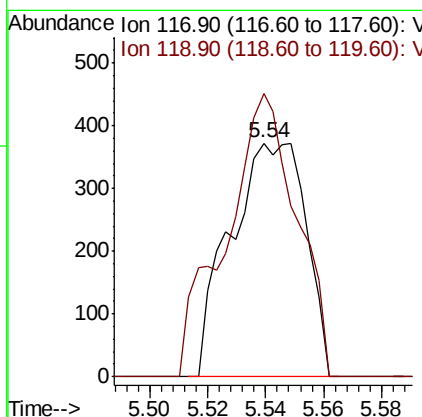
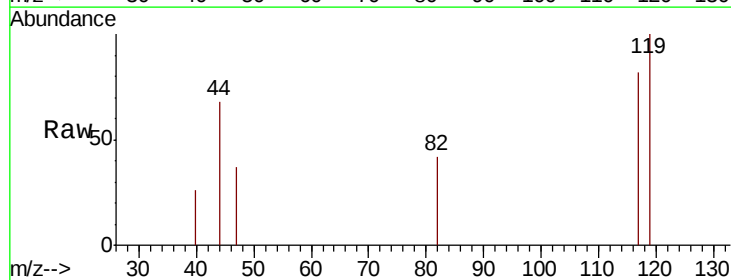
Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR3

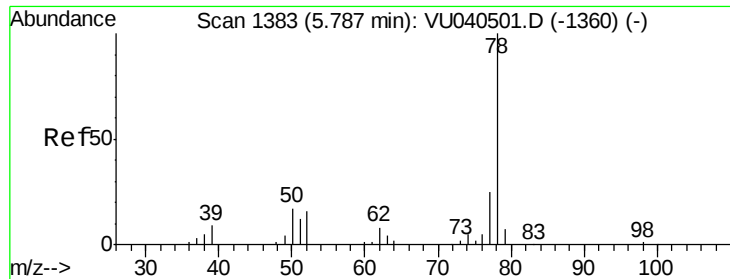
Tot Ion: 62 Resp: 962
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#31
 Carbon tetrachloride
 Concen: 0.047 ug/L
 RT: 5.54 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU040503.D
 Acq: 05 Oct 2020 12:39

Tgt Ion: 117 Resp: 674
 Ion Ratio Lower Upper
 117 100
 119 112.6 77.5 116.3





#33

Benzene

Concen: 0.068 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

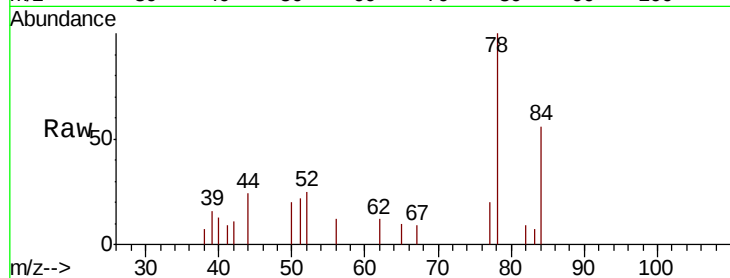
Instrument :

MSVOA_U

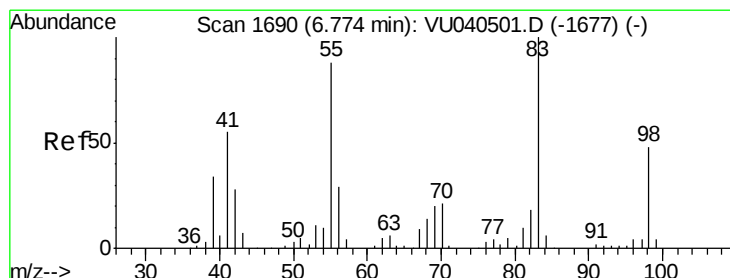
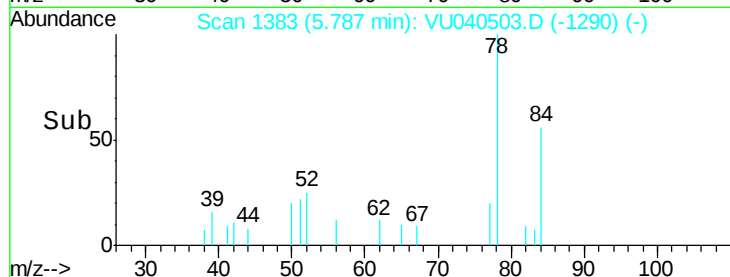
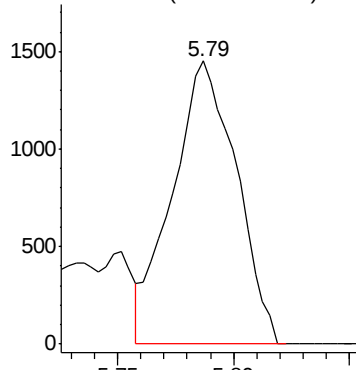
ClientSampled :

BFZR3

Tgt Ion: 78 Resp: 2775



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.028 ug/L

RT: 6.76 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

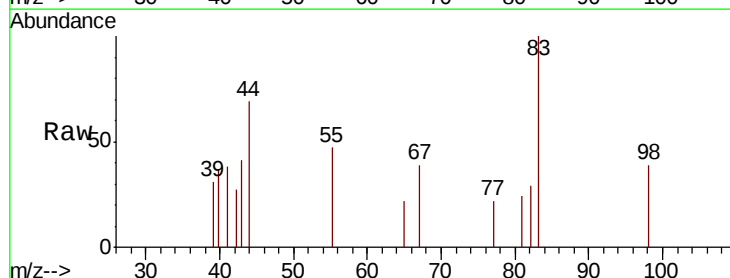
Tgt Ion: 83 Resp: 443

Ion Ratio Lower Upper

83 100

55 140.0 71.4 107.2#

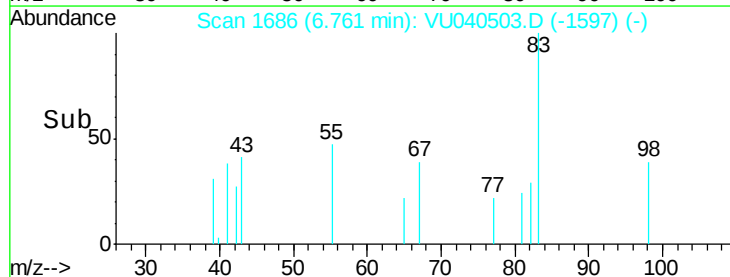
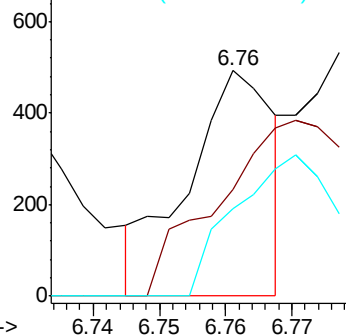
98 85.3 38.5 57.7#

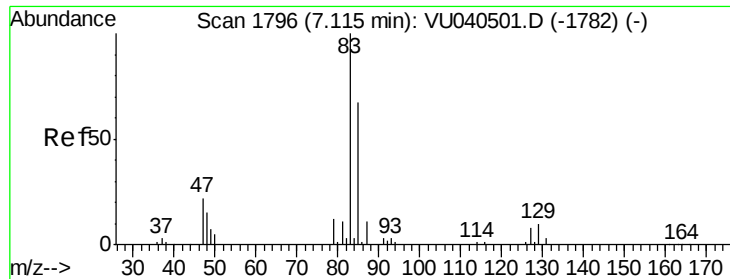


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#38

Bromodichloromethane

Concen: 0.052 ug/L

RT: 7.11 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

BFZR3

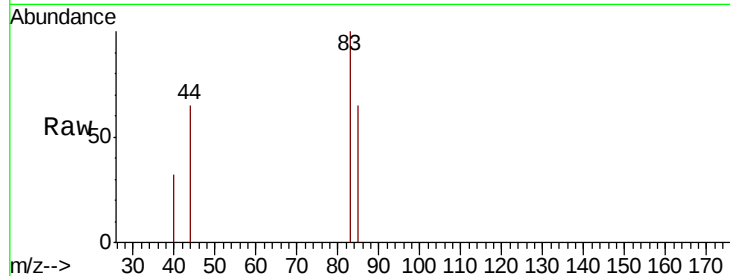
Tot Ion: 83 Resp: 726

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9

127 0.0 6.6 9.8#



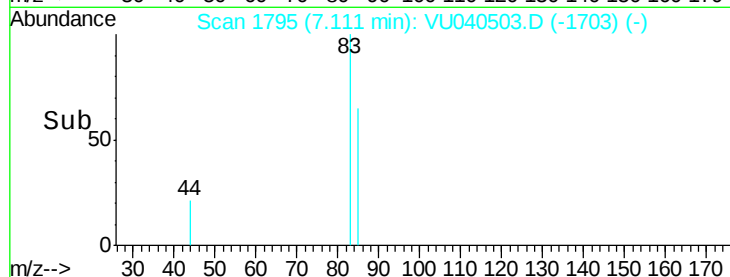
Abundance Ion 82.95 (82.65 to 83.65): VU040503.D (-1703) (-)

Ion 85.00 (84.70 to 85.70): VU040503.D (-1703) (-)

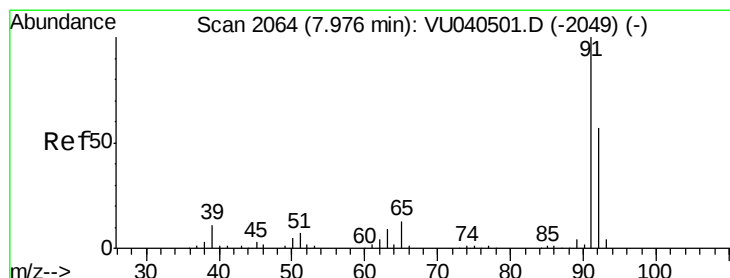
Ion 126.90 (126.60 to 127.60): VU040503.D (-1703) (-)

7.11

7.10 7.15



Time-->



#42

Toluene

Concen: 0.084 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040503.D

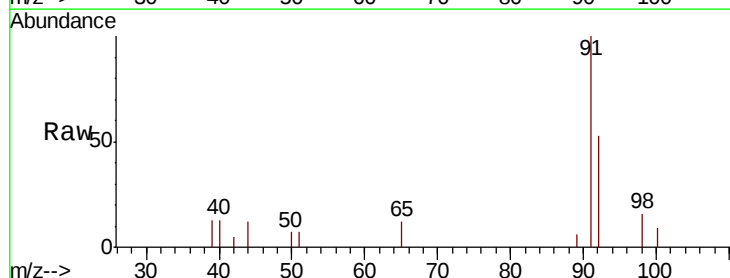
Acq: 05 Oct 2020 12:39

Tgt Ion: 91 Resp: 3499

Ion Ratio Lower Upper

91 100

92 53.2 40.0 74.4

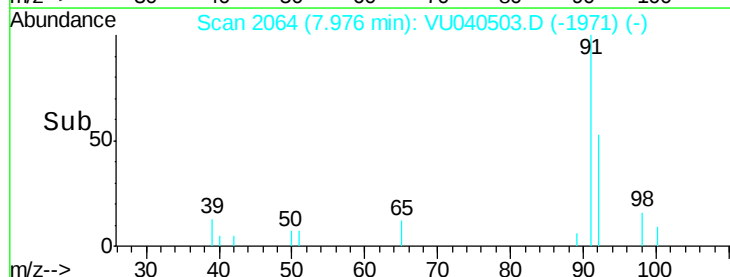


Abundance Ion 91.15 (90.85 to 91.85): VU040503.D (-1971) (-)

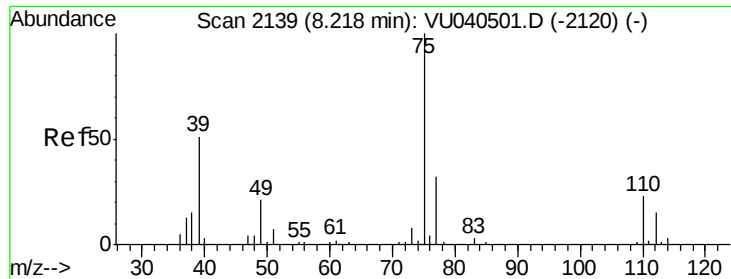
Ion 92.15 (91.85 to 92.85): VU040503.D (-1971) (-)

7.98

7.95 8.00



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

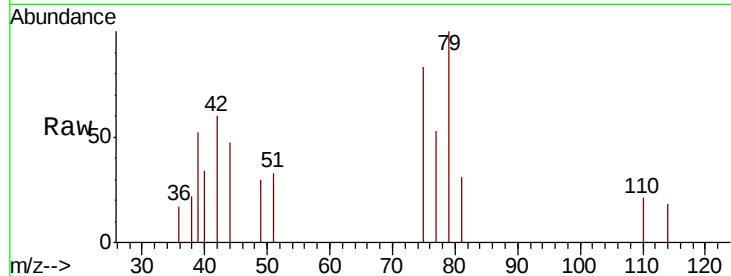
BFZR3

Tot Ion: 75 Resp: 791

Ion Ratio Lower Upper

75 100

77 64.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

600

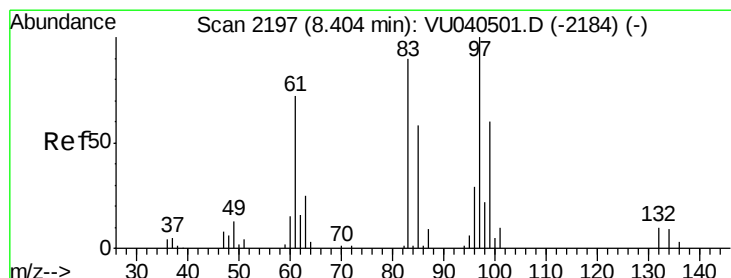
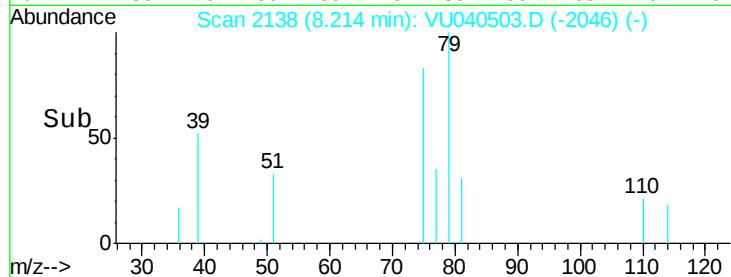
400

200

0

8.18 8.20 8.22 8.24 8.26

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.063 ug/L

RT: 8.40 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Tgt Ion: 97 Resp: 501

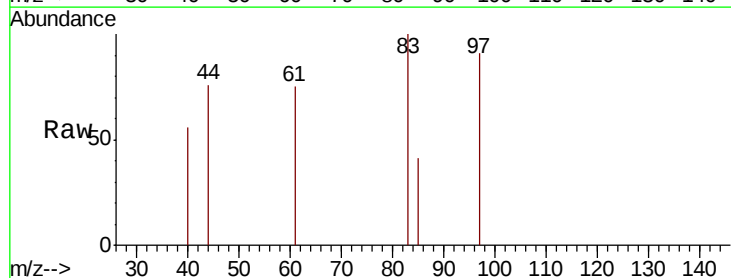
Ion Ratio Lower Upper

97 100

99 0.0 45.8 85.0#

83 110.1 62.9 116.9

85 44.9 41.7 77.5



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

500

400

300

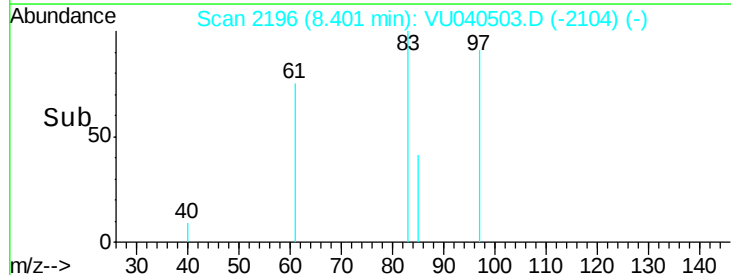
200

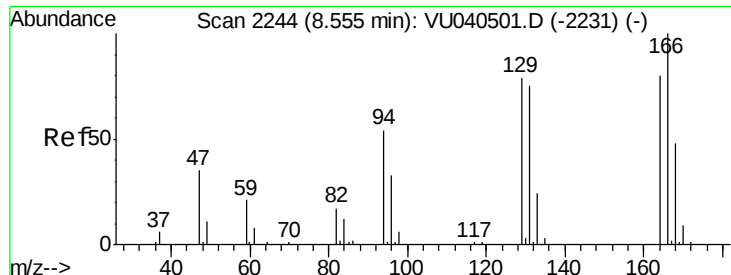
100

0

8.36 8.38 8.40 8.42 8.44

Time-->

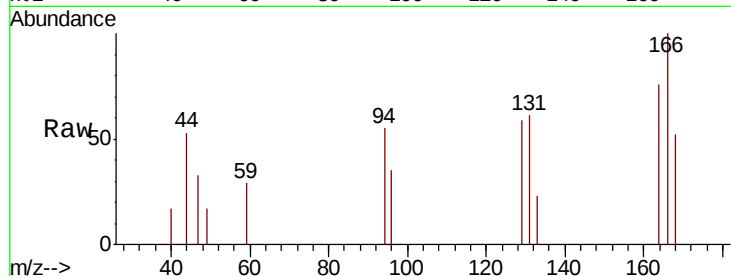




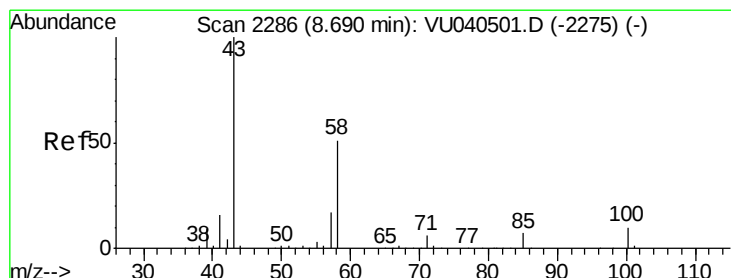
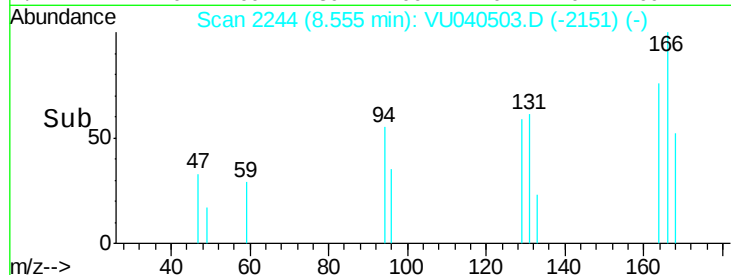
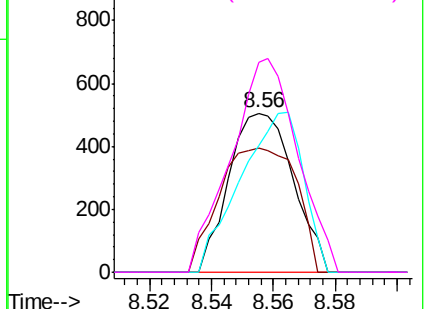
#47
Tetrachloroethene
Concen: 0.095 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :
BFZR3

Tot Ion:164 Resp: 732
Ion Ratio Lower Upper
164 100
129 78.0 70.3 130.7
131 80.0 69.2 128.6
166 131.9 91.1 169.3

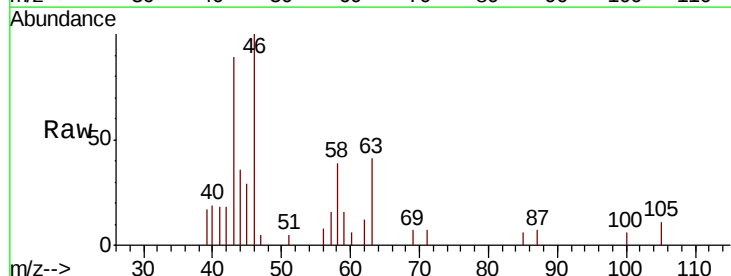


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

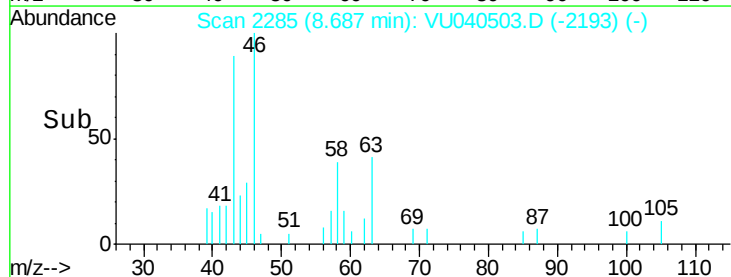
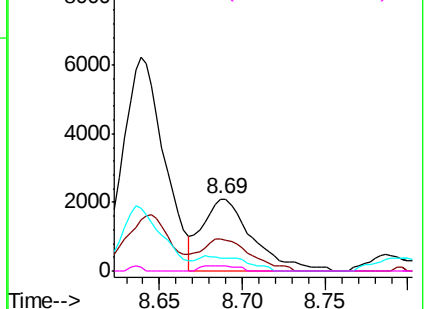


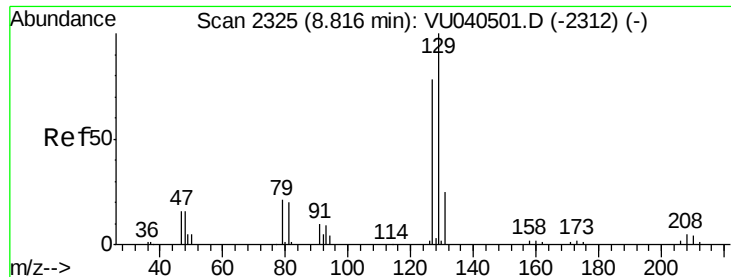
#48
2-Hexanone
Concen: 0.670 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU040503.D
Acq: 05 Oct 2020 12:39

Tgt Ion: 43 Resp: 4401
Ion Ratio Lower Upper
43 100
58 44.2 41.0 61.4
57 20.3 14.6 22.0
100 5.4 8.2 12.4#



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: 0.048 ug/L

RT: 8.81 min Scan# 2323

Delta R.T. -0.01 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

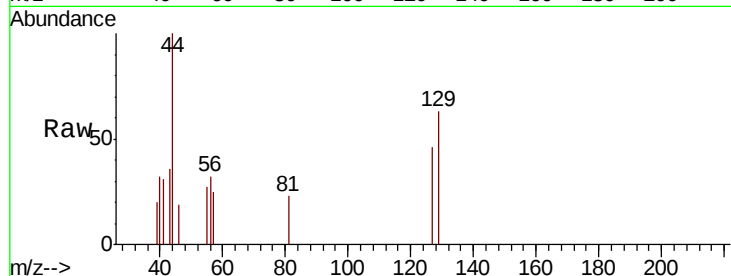
BFZR3

Tot Ion:129 Resp: 447

Ion Ratio Lower Upper

129 100

127 73.4 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.81

400

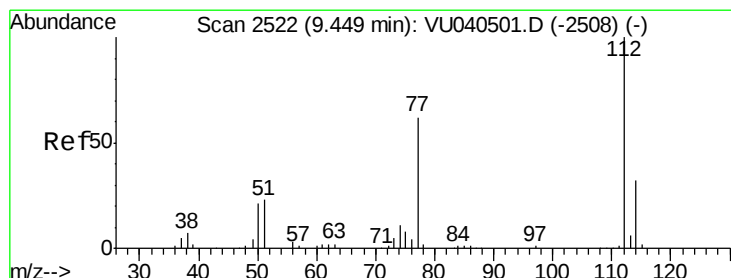
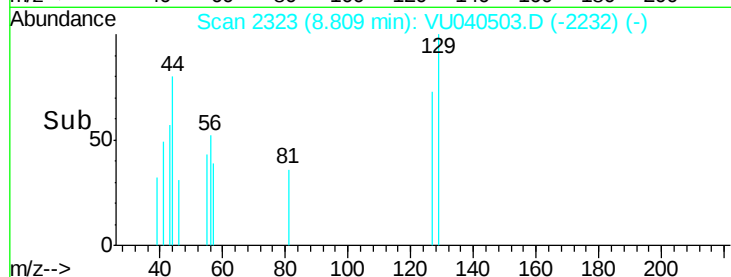
300

200

100

0

Time-->



#51

Chlorobenzene

Concen: 0.062 ug/L

RT: 9.44 min Scan# 2520

Delta R.T. -0.01 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

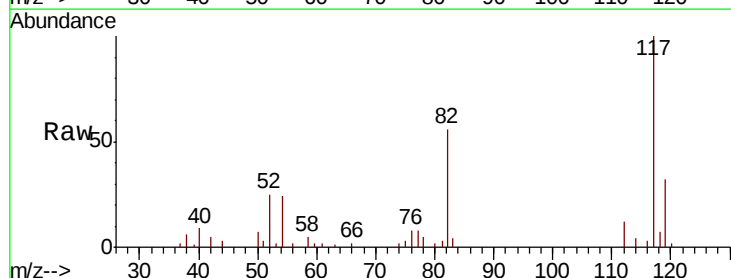
Tgt Ion:112 Resp: 1689

Ion Ratio Lower Upper

112 100

114 30.0 22.0 40.8

77 66.3 49.5 74.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

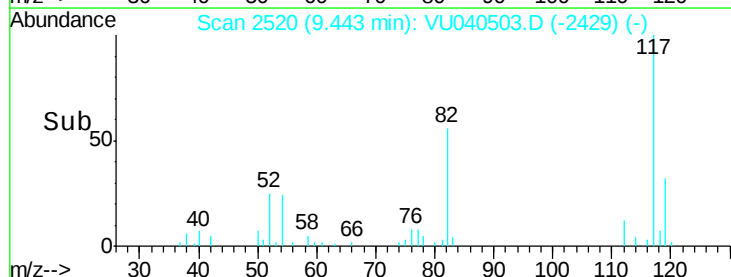
Ion 77.10 (76.80 to 77.80): VU0

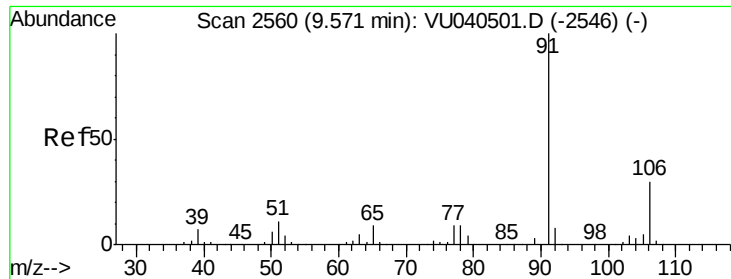
1000

500

0

Time-->





#52

Ethylbenzene

Concen: 0.057 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

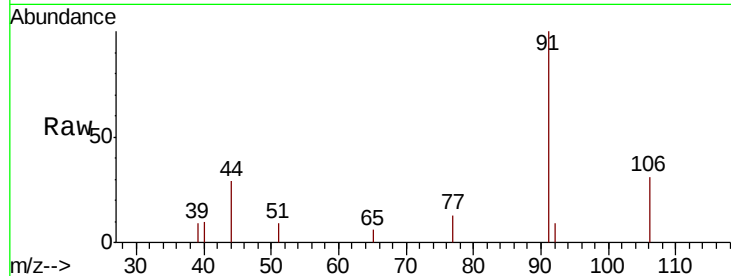
BFZR3

Tot Ion: 91 Resp: 2590

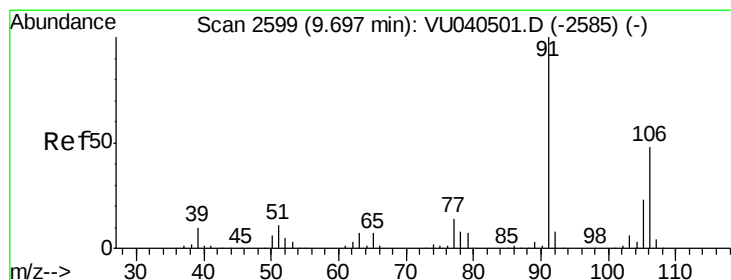
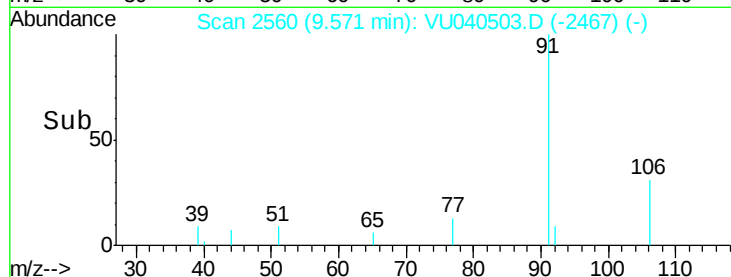
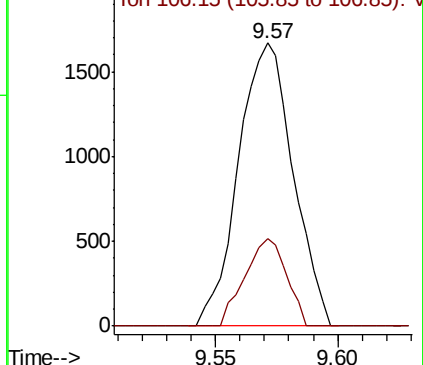
Ion Ratio Lower Upper

91 100

106 31.1 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU040503.D (-2467) (-)



#53

m,p-Xylene

Concen: 0.049 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040503.D

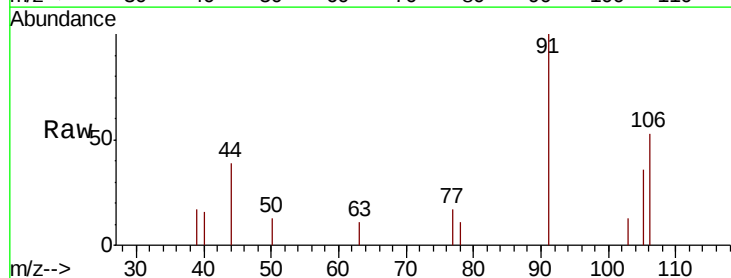
Acq: 05 Oct 2020 12:39

Tgt Ion: 106 Resp: 832

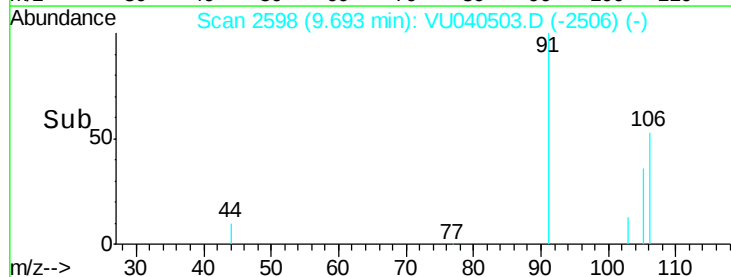
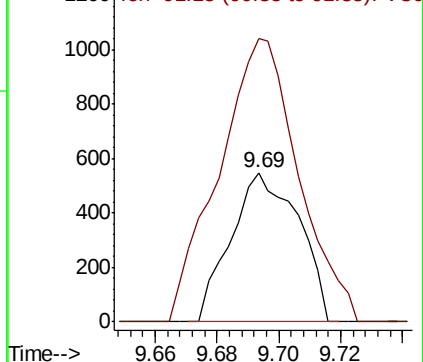
Ion Ratio Lower Upper

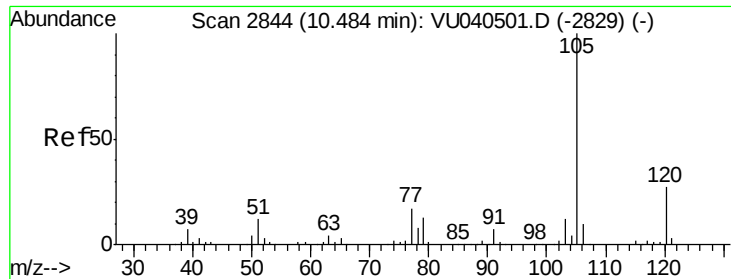
106 100

91 189.6 149.0 276.6



Abundance Ion 106.15 (105.85 to 106.85): VU040503.D (-2506) (-)





#56

Isopropylbenzene

Concen: 0.050 ug/L

RT: 10.48 min Scan# 2842

Delta R.T. -0.01 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

BFZR3

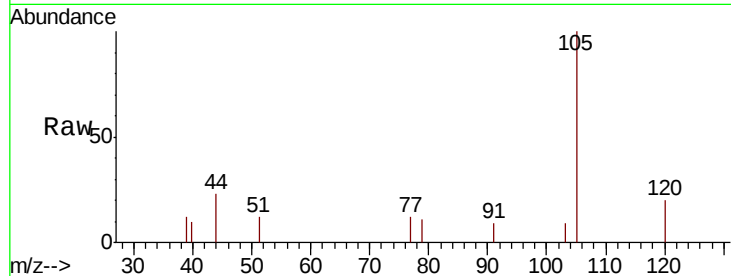
Tot Ion: 105 Resp: 2138

Ion Ratio Lower Upper

105 100

120 22.1 20.6 30.8

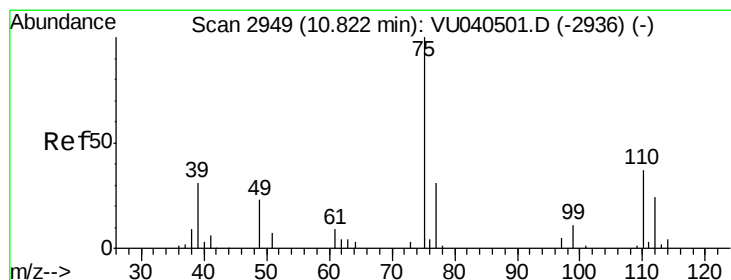
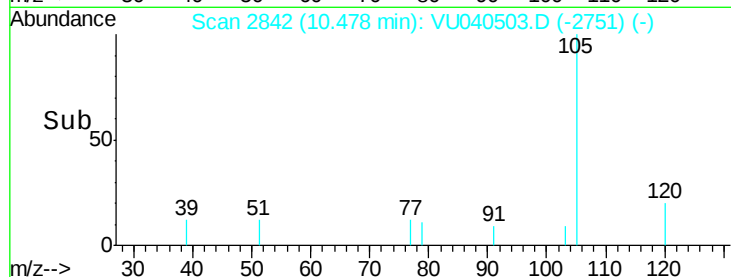
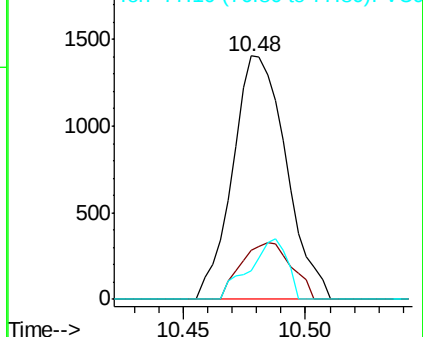
77 17.3 14.3 21.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 0.056 ug/L

RT: 10.82 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU040503.D

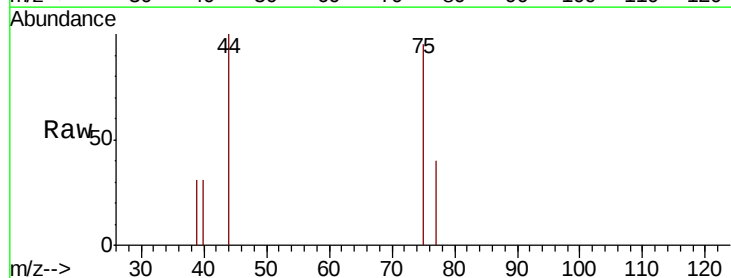
Acq: 05 Oct 2020 12:39

Tgt Ion: 75 Resp: 459

Ion Ratio Lower Upper

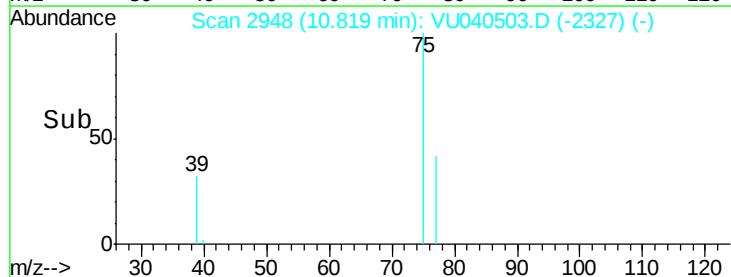
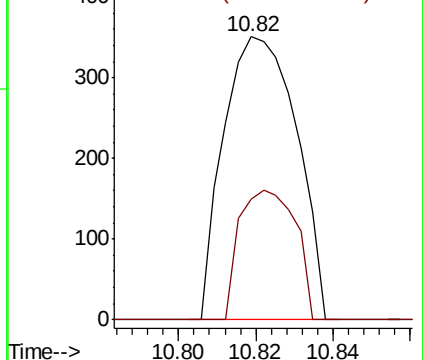
75 100

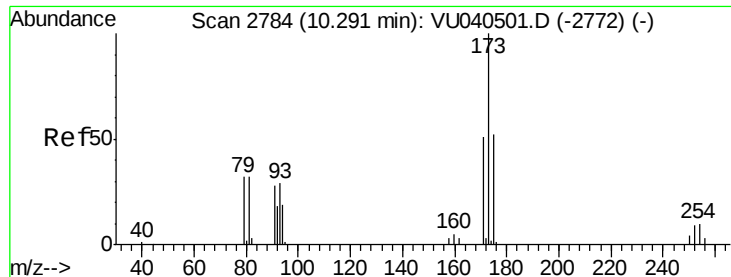
77 35.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 0.047 ug/L

RT: 10.29 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampled :

BFZR3

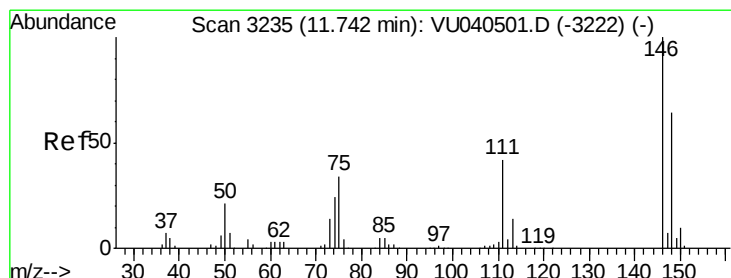
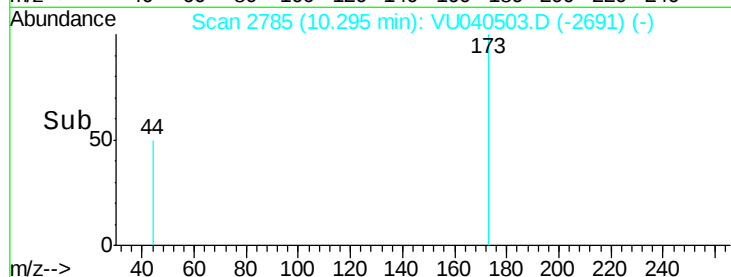
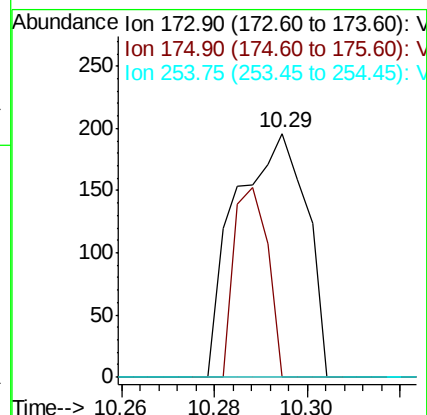
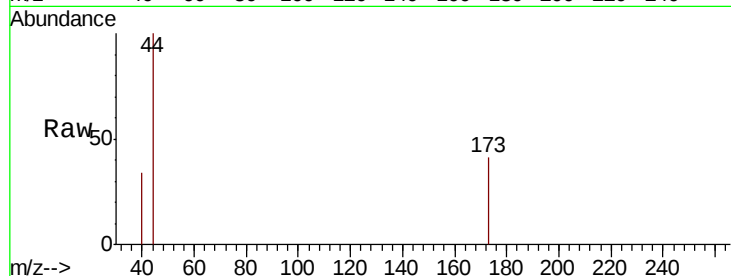
Tot Ion:173 Resp: 208

Ion Ratio Lower Upper

173 100

175 37.0 39.6 59.4#

254 0.0 7.0 10.4#



#62

1,3-Dichlorobenzene

Concen: 0.062 ug/L

RT: 11.74 min Scan# 3234

Delta R.T. -0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

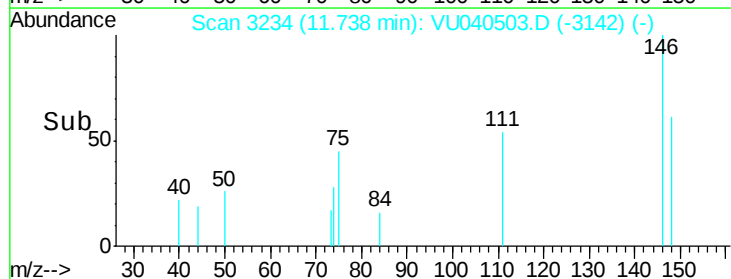
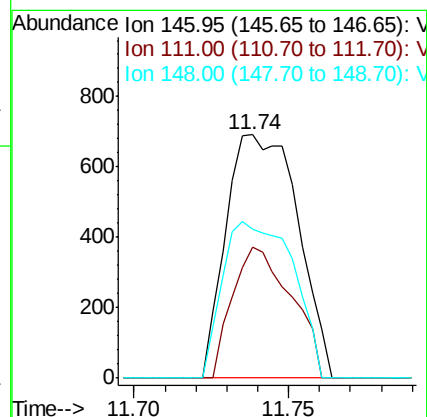
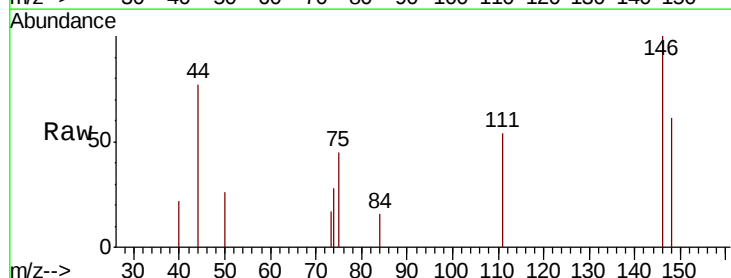
Tgt Ion:146 Resp: 1112

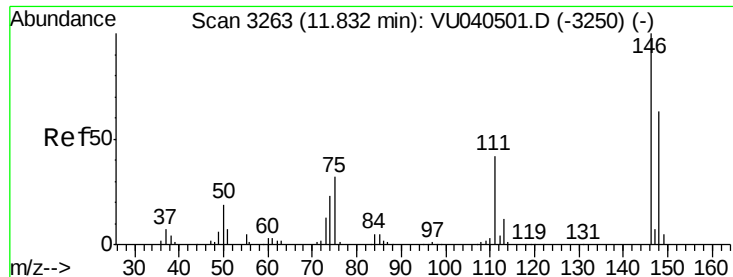
Ion Ratio Lower Upper

146 100

111 53.6 28.6 53.0#

148 61.3 43.4 80.6





#63

1,4-Dichlorobenzene

Concen: 0.083 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampled :

BFZR3

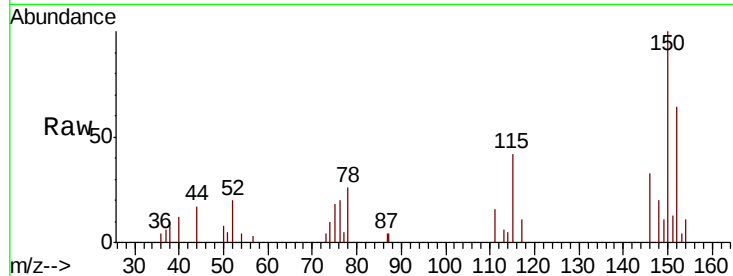
Tot Ion:146 Resp: 1536

Ion Ratio Lower Upper

146 100

111 48.7 29.2 54.2

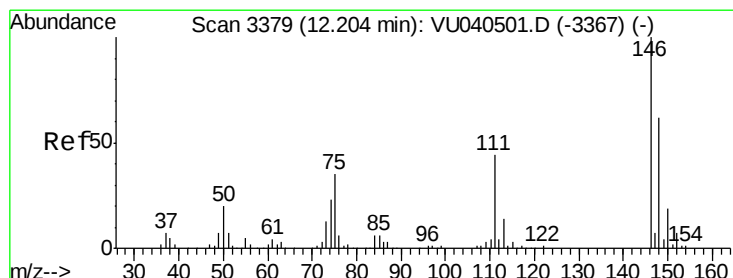
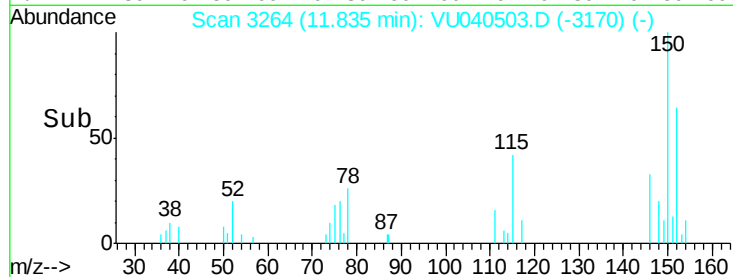
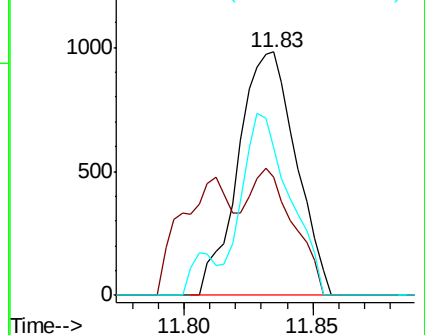
148 60.9 44.4 82.4



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



#65

1,2-Dichlorobenzene

Concen: 0.087 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

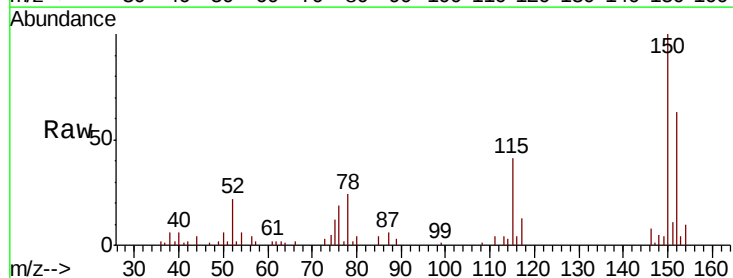
Tgt Ion:146 Resp: 1511

Ion Ratio Lower Upper

146 100

111 56.6 35.6 53.4#

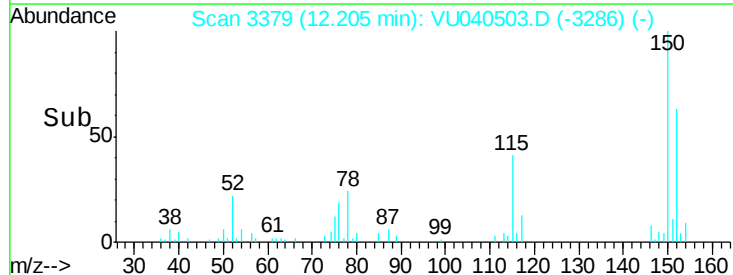
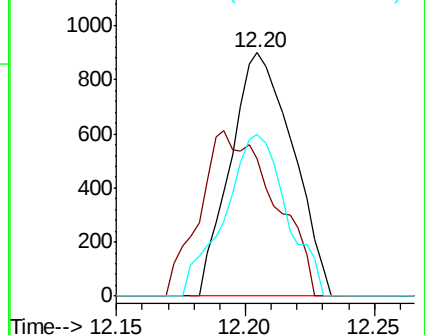
148 66.6 49.8 74.6

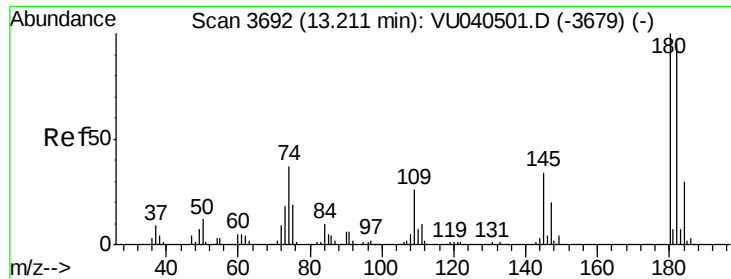


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

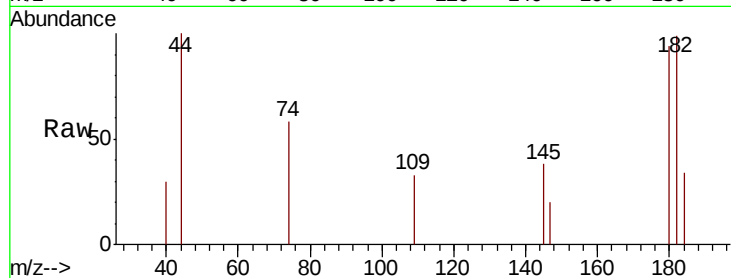




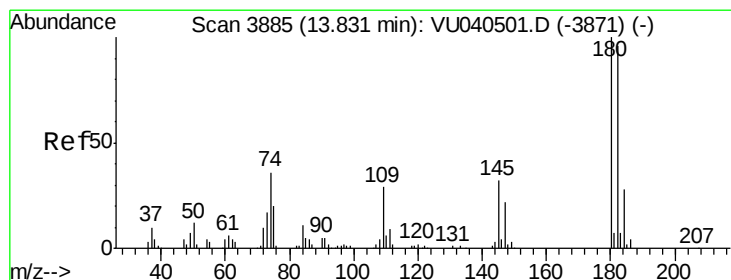
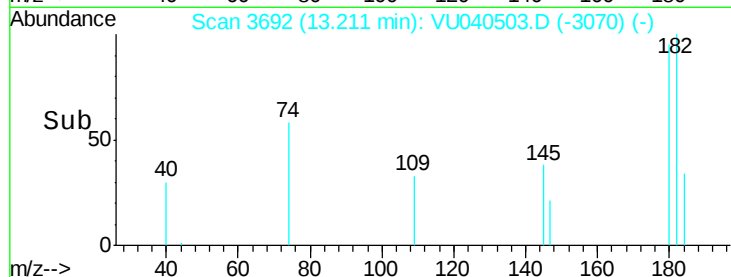
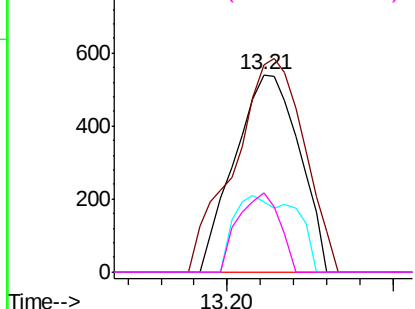
#67
 1,3,5-Trichlorobenzene
 Concen: 0.057 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU040503.D
 Acq: 05 Oct 2020 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR3

Tot Ion:180 Resp: 730
 Ion Ratio Lower Upper
 180 100
 182 116.8 76.5 114.7#
 184 37.3 24.6 37.0#
 145 25.9 25.8 38.8

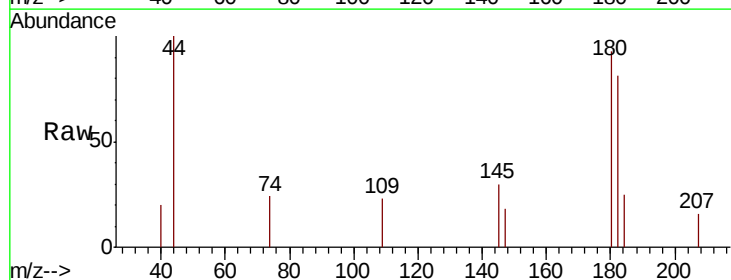


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

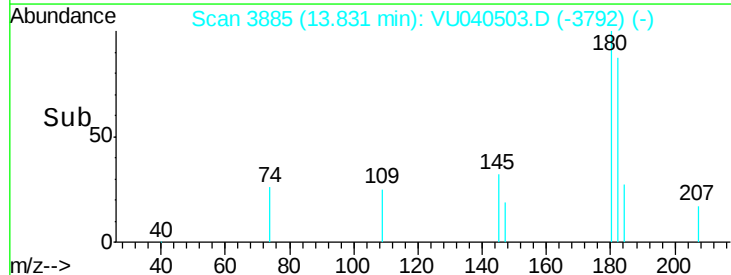
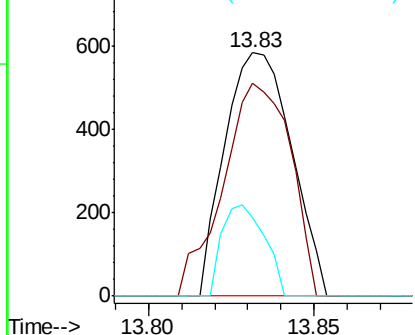


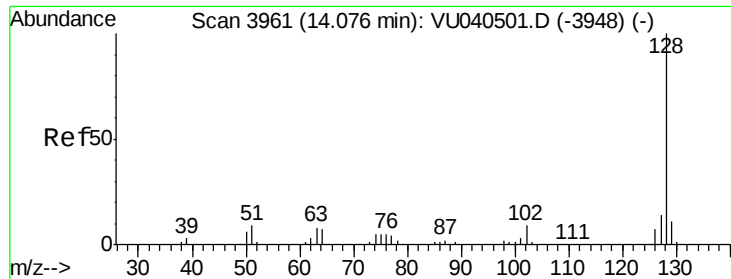
#68
 1,2,4-trichlorobenzene
 Concen: 0.080 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040503.D
 Acq: 05 Oct 2020 12:39

Tgt Ion:180 Resp: 816
 Ion Ratio Lower Upper
 180 100
 182 88.5 76.6 115.0
 145 23.9 26.3 39.5#



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





#69

Naphthalene

Concen: 0.076 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040503.D

Acq: 05 Oct 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

BFZR3

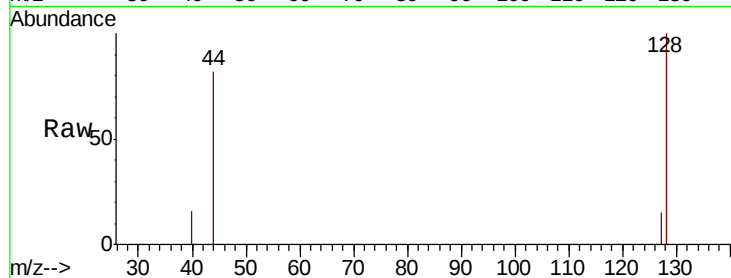
Tot Ion:128 Resp: 1333

Ion Ratio Lower Upper

128 100

129 0.0 8.2 12.4#

127 5.6 10.2 15.4#



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

