

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017022.D
 Acq On : 22 Jun 2020 17:22
 Operator : SY/MD
 Sample : L3067-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8

Quant Time: Jun 23 04:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	197342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	189206	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	96056	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63343	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	47916	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	303469	13.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	269.20%#
20) 2-Butanone-d5	3.95	46	166543	55.17	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.34%
24) Chloroform-d	4.38	84	137507	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.06	65	73502	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.07	84	263707	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.10	67	76322	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	244050	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
45) trans-1,3-Dichloropropene-	7.65	79	26461	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.11	63	117227	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
59) 1,1,2,2-Tetrachloroethane-	10.51	84	1947179	199.39	ug/L	0.27
Spiked Amount	5.000	Range	65 - 120	Recovery	=	3987.80%#
65) 1,2-Dichlorobenzene-d4	11.65	152	94215	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	70078	5.412	ug/L	96
8) Chloroethane	1.60	64	71777	10.030	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1842	0.176	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	381177	40.246	ug/L #	69
14) Carbon disulfide	2.32	76	5774	0.203	ug/L #	86
16) Methylene chloride	2.53	84	1410	0.139	ug/L	81
18) trans-1,2-Dichloroethene	2.78	96	8668	0.864	ug/L	99
19) 1,1-Dichloroethane	3.21	63	8963074	397.468	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	124575	9.077	ug/L	96
25) Chloroform	4.64	83	46637	1.893	ug/L	96
27) 1,2-Dichloroethane	5.16	62	10290	0.672	ug/L #	95
30) Cyclohexane	4.70	56	5735	0.266	ug/L #	26
31) Carbon tetrachloride	4.65	117	3621012	177.030	ug/L	99
33) Benzene	5.13	78	119248	2.407	ug/L	100
34) Trichloroethene	5.94	95	9546	0.658	ug/L	95
35) Methylcyclohexane	6.14	83	3228	0.143	ug/L #	30
37) 1,2-Dichloropropane	6.20	63	1121	0.091	ug/L #	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017022.D
 Acq On : 22 Jun 2020 17:22
 Operator : SY/MD
 Sample : L3067-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

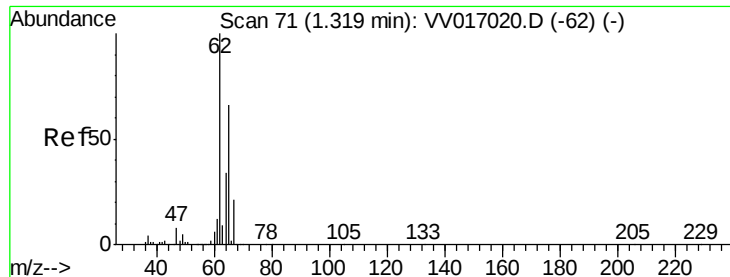
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8

Quant Time: Jun 23 04:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

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

38) Bromodichloromethane	6.34	83	54244	3.256	ug/L #	33
39) cis-1,3-Dichloropropene	7.01	75	2809	0.154	ug/L #	51
40) 4-Methyl-2-pentanone	7.16	43	401984	56.761	ug/L #	46
42) Toluene	7.41	91	34289	0.595	ug/L	98
43) 1,3,5-Trimethylbenzene	10.47	105	2539	0.049	ug/L	97
44) 1,2,4-Trimethylbenzene	10.94	105	26808	0.511	ug/L	97
47) 1,1,2-Trichloroethane	7.87	97	6103	0.702	ug/L	94
49) Tetrachloroethene	8.00	164	4922	0.421	ug/L	90
50) 2-Hexanone	8.17	43	4395	0.872	ug/L #	46
51) Dibromochloromethane	8.00	129	4204	0.399	ug/L #	16
53) Chlorobenzene	8.90	112	179418	4.996	ug/L	98
54) Ethylbenzene	9.04	91	8304	0.135	ug/L	100
55) m,p-xylene	9.16	106	5941	0.246	ug/L	95
56) o-xylene	9.57	106	7769	0.345	ug/L	97
58) Isopropylbenzene	9.95	105	20477	0.331	ug/L #	95
60) 1,1,2,2-Tetrachloroethane	10.14	83	5040	0.560	ug/L #	32
63) 1,3-Dichlorobenzene	11.21	146	3699	0.128	ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	12588	0.428	ug/L	88
66) 1,2-Dichlorobenzene	11.67	146	56037	2.135	ug/L	95
70) Naphthalene	13.53	128	5442	0.201	ug/L #	63

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



#5

Vinyl chloride

Concen: 5.412 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

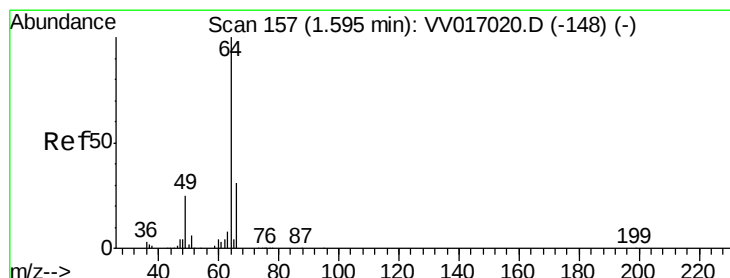
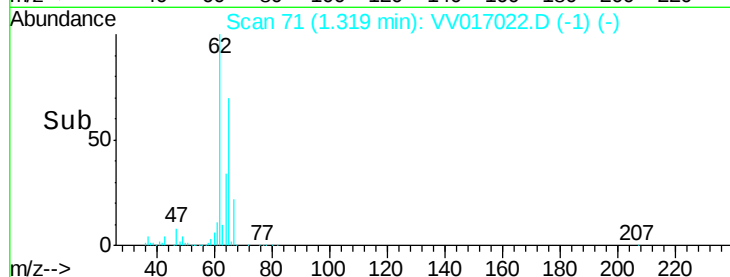
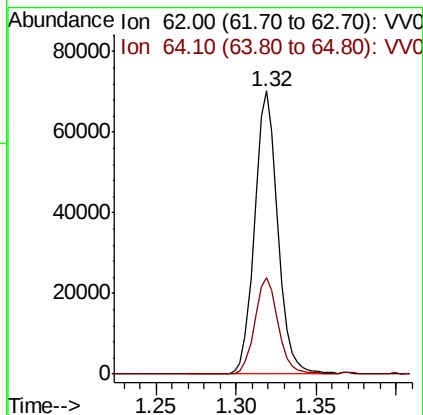
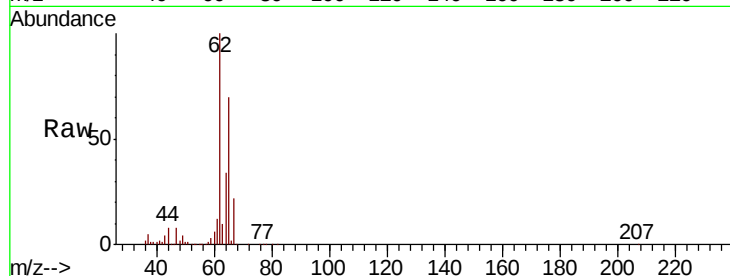
BFXF8

Tot Ion: 62 Resp: 70078

Ion Ratio Lower Upper

62 100

64 34.3 22.5 41.7



#8

Chloroethane

Concen: 10.030 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017022.D

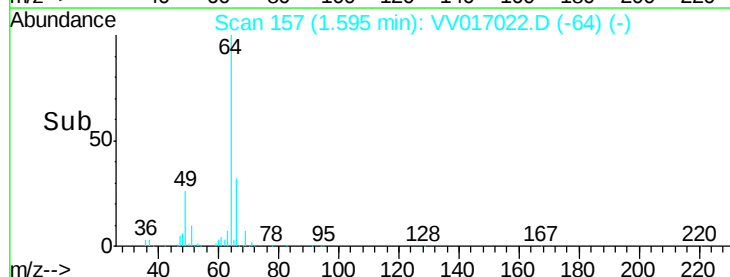
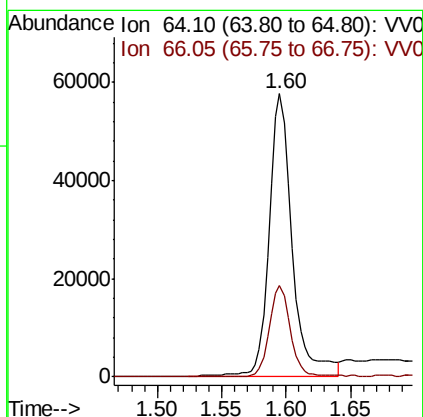
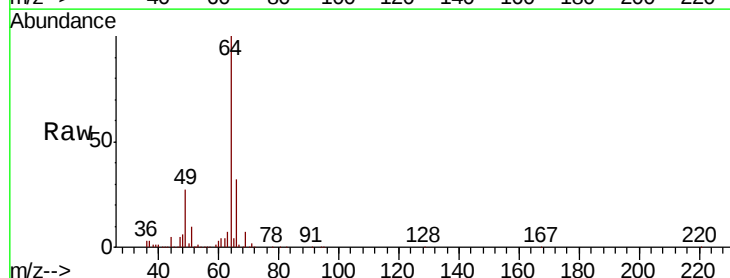
Acq: 22 Jun 2020 17:22

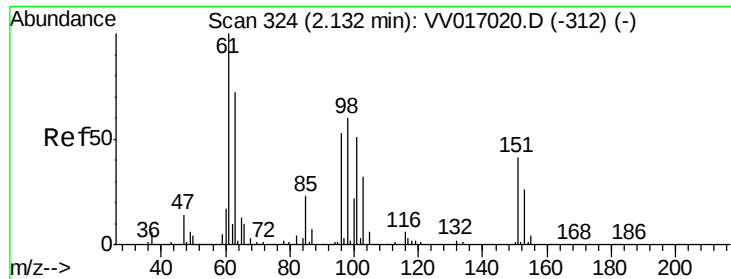
Tgt Ion: 64 Resp: 71777

Ion Ratio Lower Upper

64 100

66 32.2 22.8 42.4





#10

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

Concen: 0.176 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

BFXF8

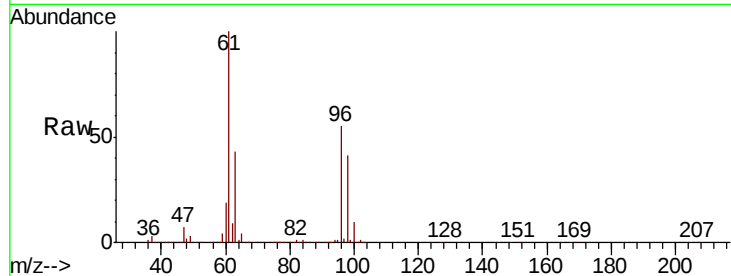
Tot Ion:101 Resp: 1842

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

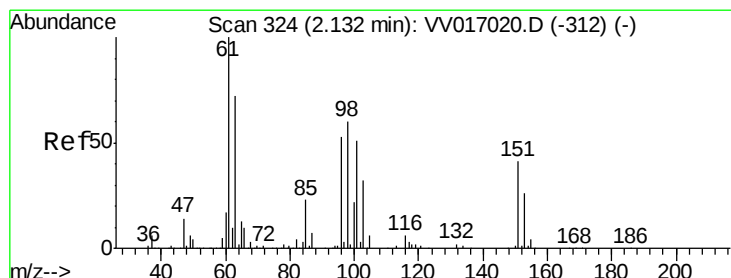
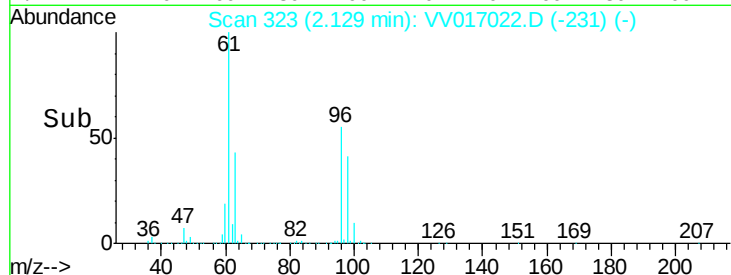
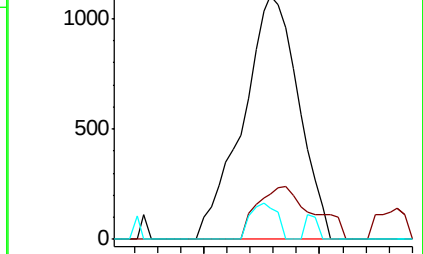
151 7.1 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV017022.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017022.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017022.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 40.246 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

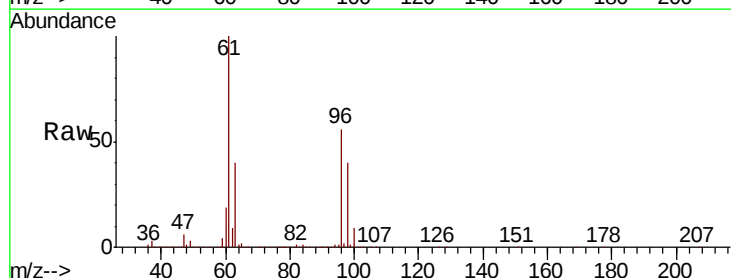
Tgt Ion: 96 Resp: 381177

Ion Ratio Lower Upper

96 100

61 180.0 125.0 232.2

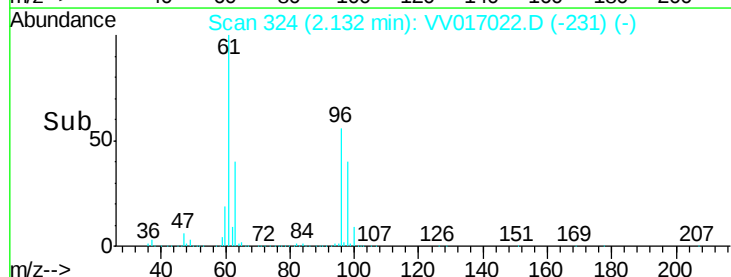
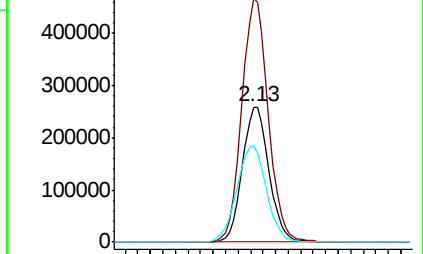
63 71.4 109.8 203.8#

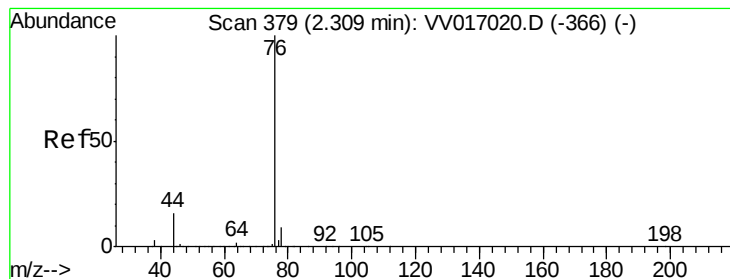


Abundance Ion 96.00 (95.70 to 96.70): VV017022.D (-231) (-)

Ion 61.05 (60.75 to 61.75): VV017022.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017022.D (-231) (-)





#14

Carbon disulfide

Concen: 0.203 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

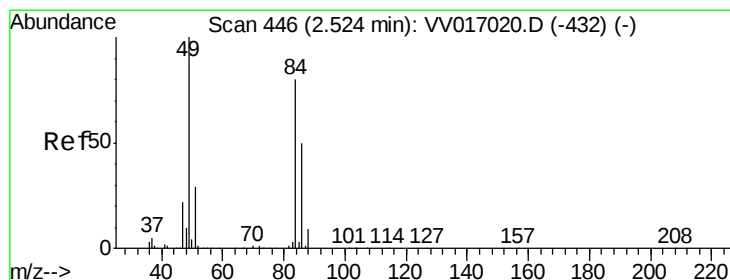
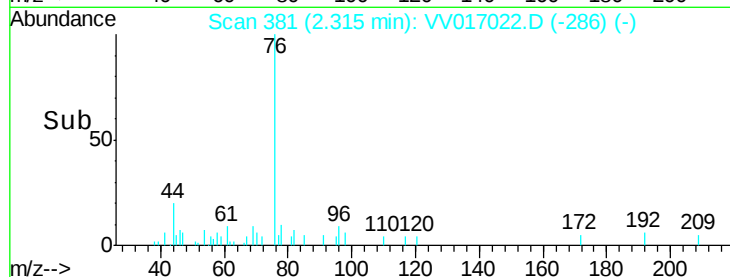
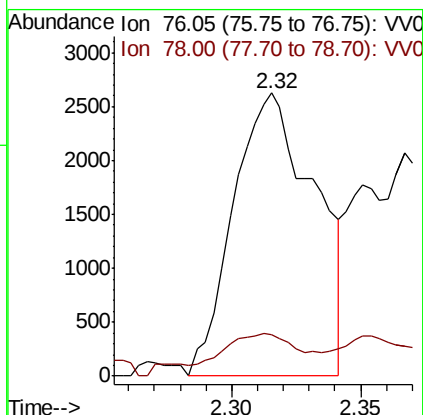
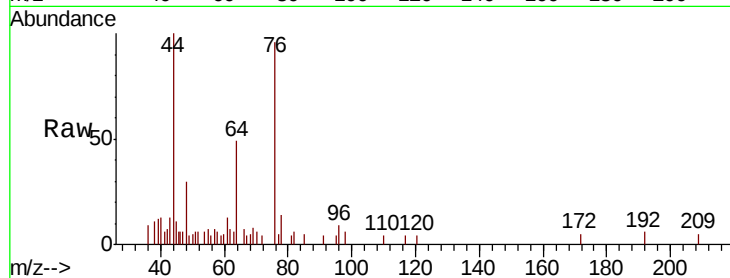
BFXF8

Tot Ion: 76 Resp: 5774

Ion Ratio Lower Upper

76 100

78 14.7 7.7 11.5#



#16

Methylene chloride

Concen: 0.139 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

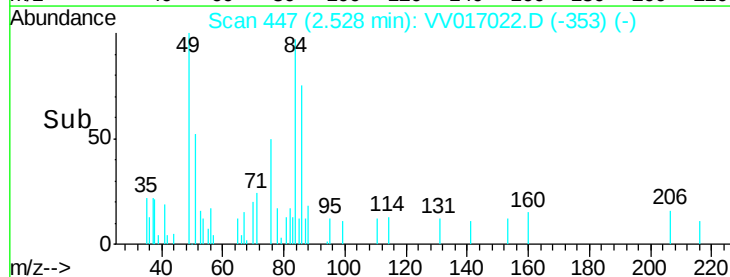
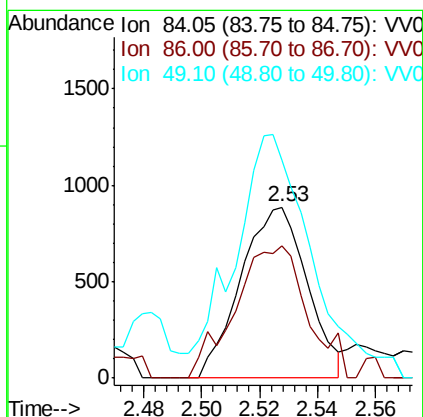
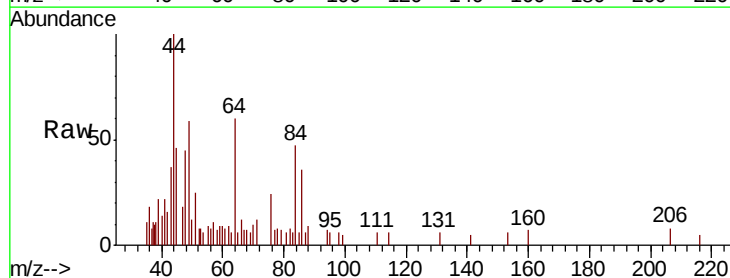
Tgt Ion: 84 Resp: 1410

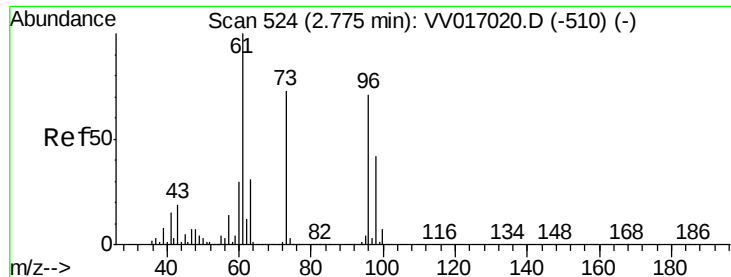
Ion Ratio Lower Upper

84 100

86 77.5 45.8 85.0

49 152.1 89.6 166.4

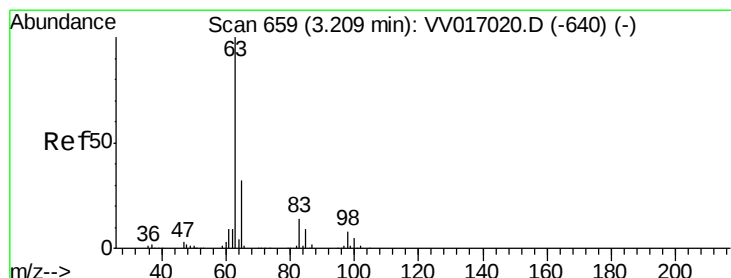
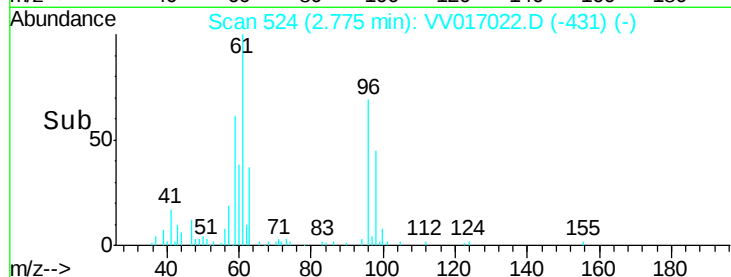
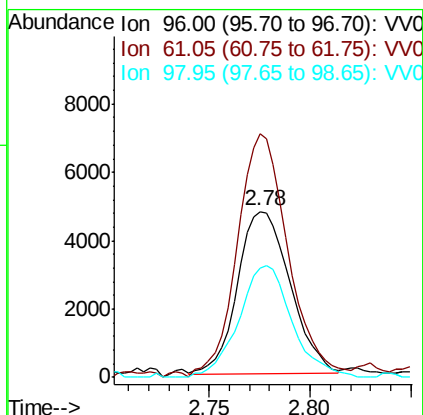
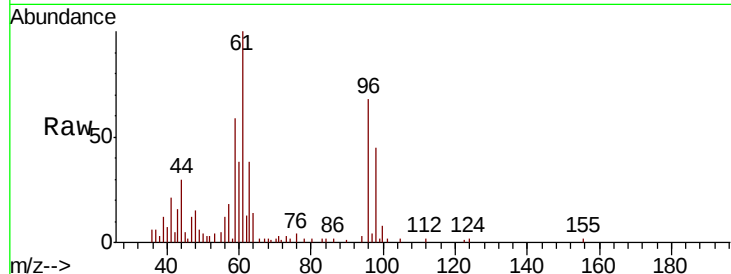




#18
trans-1,2-Dichloroethene
Concen: 0.864 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV017022.D
Acq: 22 Jun 2020 17:22

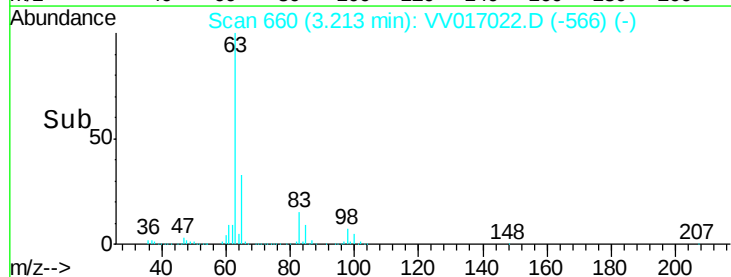
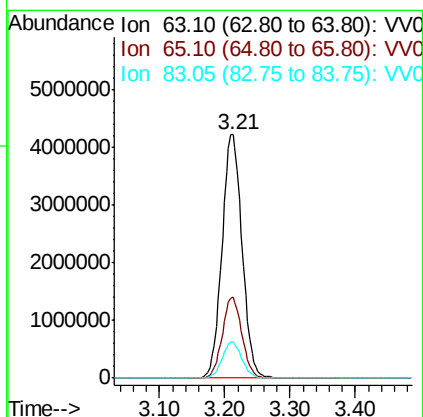
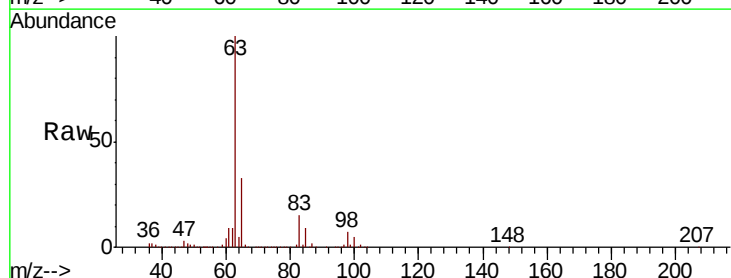
Instrument :
MSVOA_V
ClientSampleId :
BFXF8

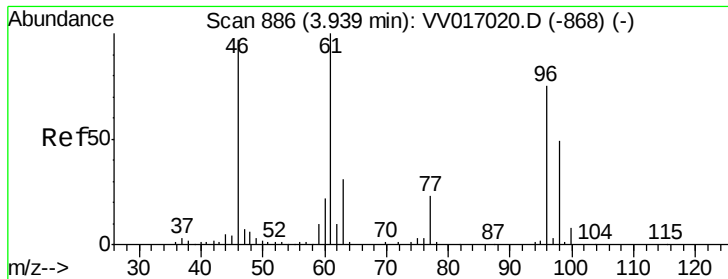
Tot Ion: 96 Resp: 8668
Ion Ratio Lower Upper
96 100
61 146.6 102.3 189.9
98 66.0 44.7 82.9



#19
1,1-Dichloroethane
Concen: 397.468 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017022.D
Acq: 22 Jun 2020 17:22

Tgt Ion: 63 Resp: 8963074
Ion Ratio Lower Upper
63 100
65 33.1 21.8 40.4
83 14.7 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 9.077 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

BFXF8

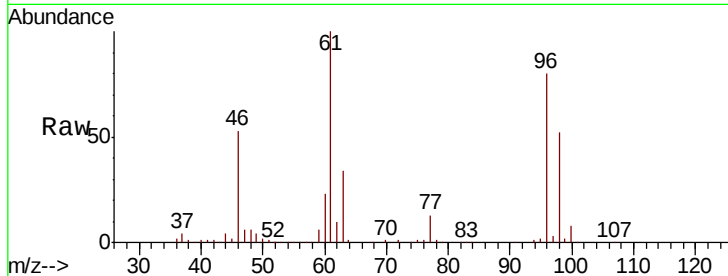
Tot Ion: 96 Resp: 124575

Ion Ratio Lower Upper

96 100

61 124.9 91.0 169.0

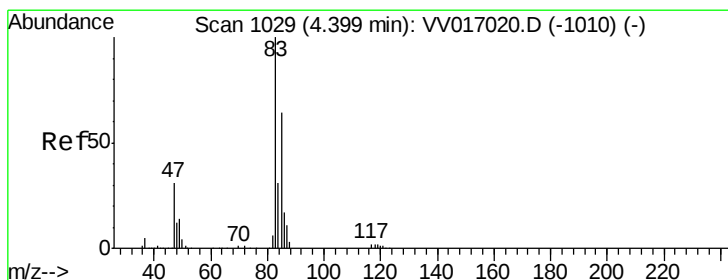
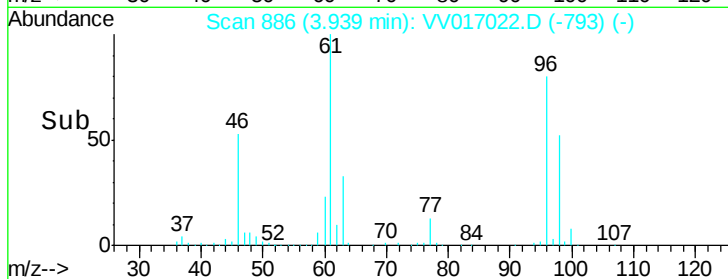
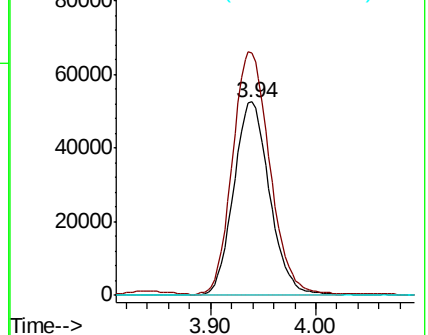
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 1.893 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. 0.24 min

Lab File: VV017022.D

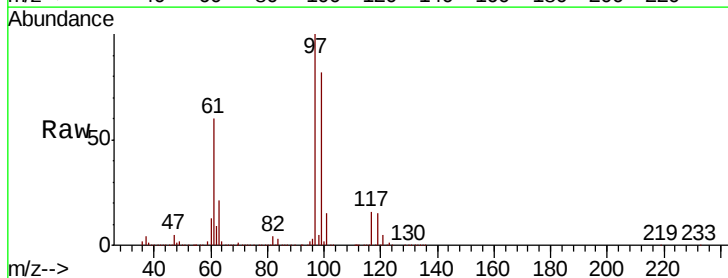
Acq: 22 Jun 2020 17:22

Tgt Ion: 83 Resp: 46637

Ion Ratio Lower Upper

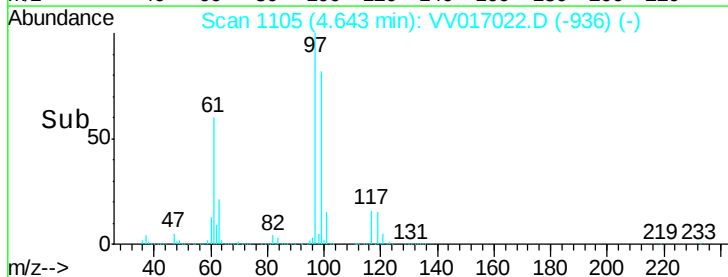
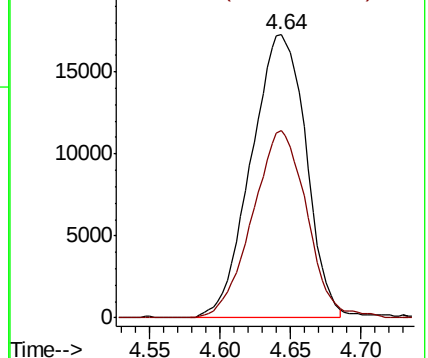
83 100

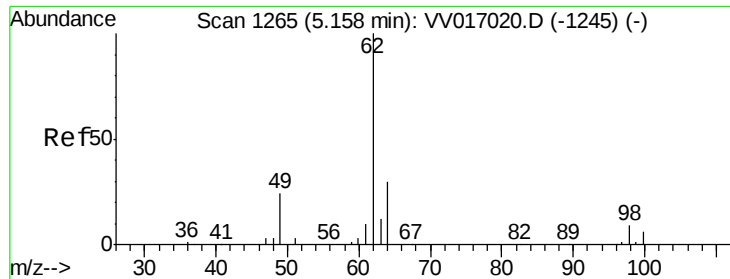
85 66.3 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

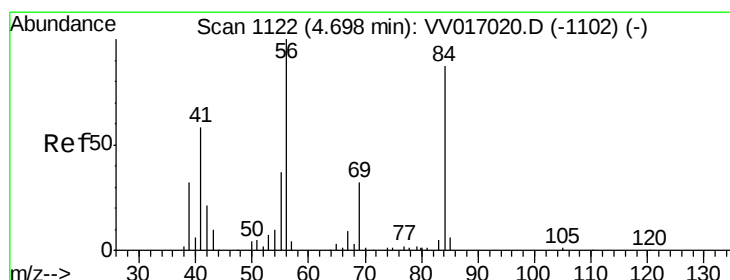
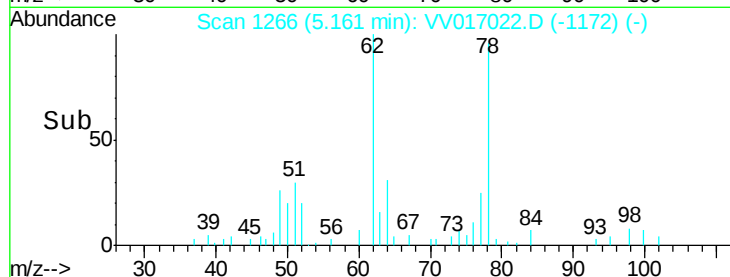
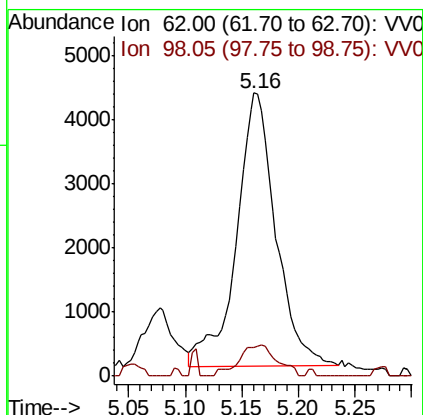
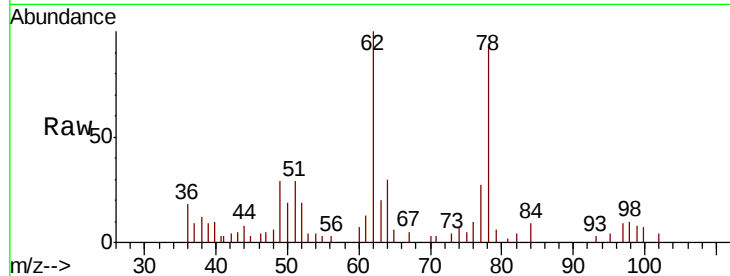




#27
 1,2-Dichloroethane
 Concen: 0.672 ug/L
 RT: 5.16 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VV017022.D
 Acq: 22 Jun 2020 17:22

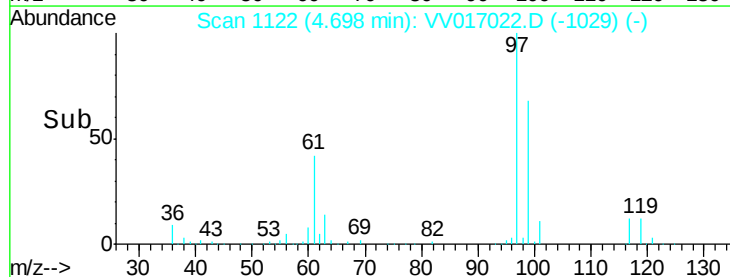
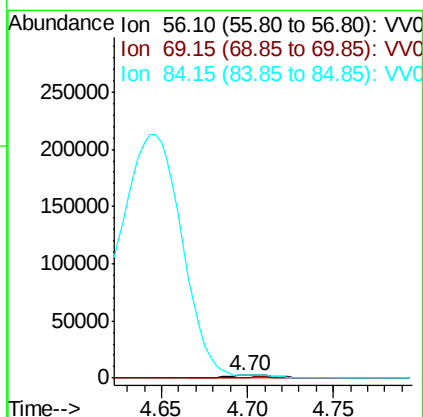
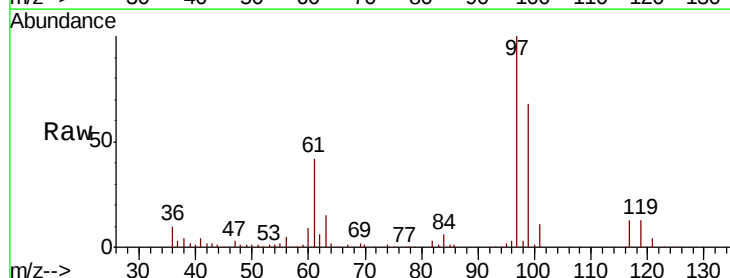
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8

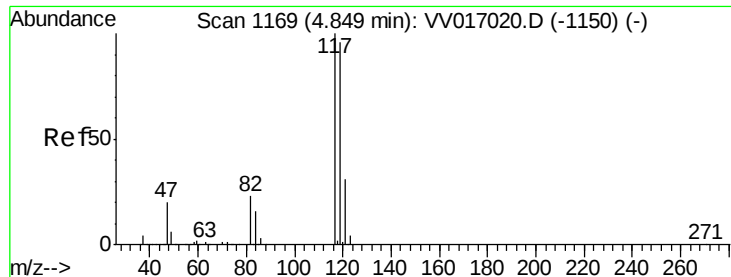
Tot Ion: 62 Resp: 10290
 Ion Ratio Lower Upper
 62 100
 98 10.2 6.7 10.1#



#30
 Cyclohexane
 Concen: 0.266 ug/L
 RT: 4.70 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: VV017022.D
 Acq: 22 Jun 2020 17:22

Tgt Ion: 56 Resp: 5735
 Ion Ratio Lower Upper
 56 100
 69 38.2 24.4 36.6#
 84 0.0 69.9 104.9#





#31

Carbon tetrachloride

Concen: 177.030 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.20 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

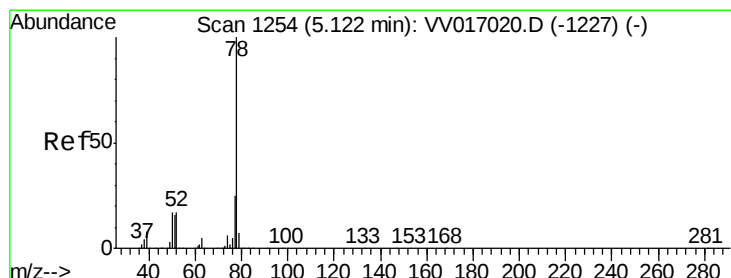
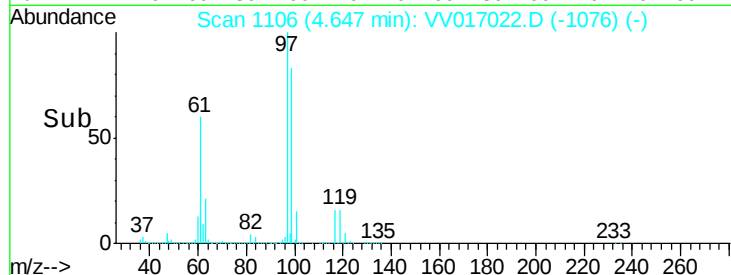
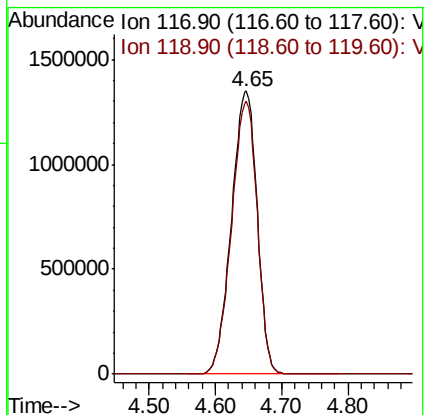
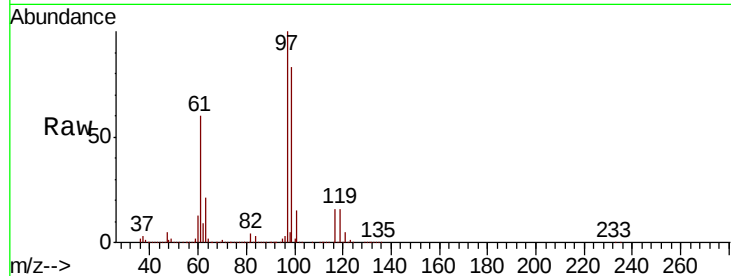
BFXF8

Tot Ion:117 Resp: 3621012

Ion Ratio Lower Upper

117 100

119 96.7 77.8 116.8



#33

Benzene

Concen: 2.407 ug/L

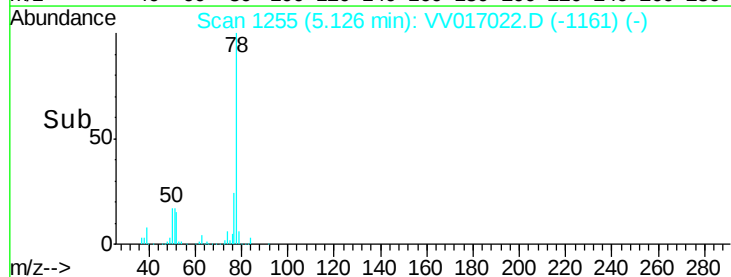
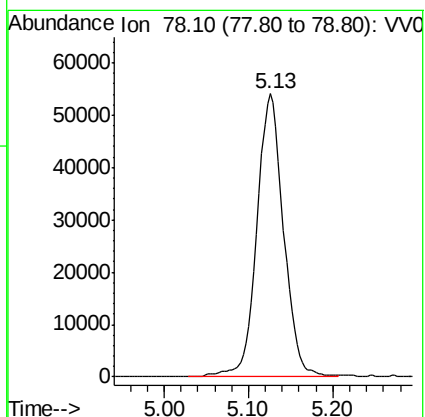
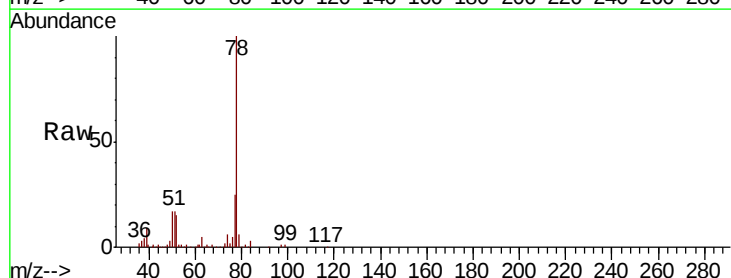
RT: 5.13 min Scan# 1255

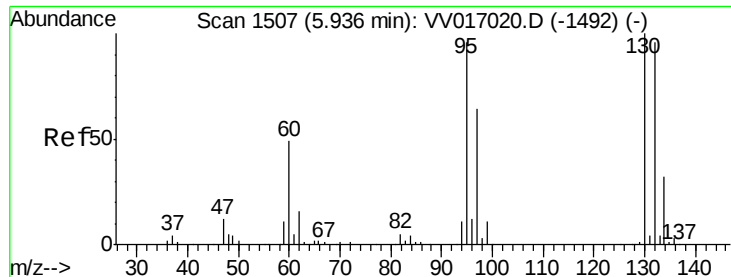
Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Tgt Ion: 78 Resp: 119248





#34

Trichloroethene

Concen: 0.658 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

BFXF8

Tot Ion: 95 Resp: 9546

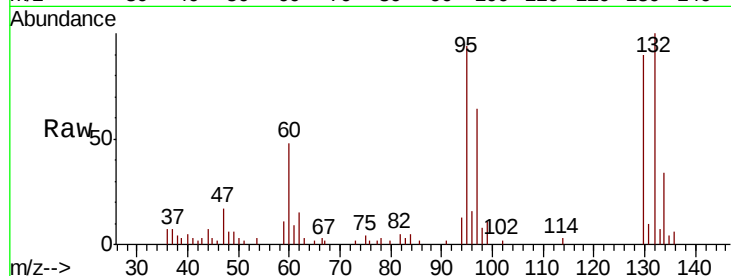
Ion Ratio Lower Upper

95 100

97 67.5 45.3 84.1

132 105.9 68.8 127.8

130 95.8 70.2 130.4

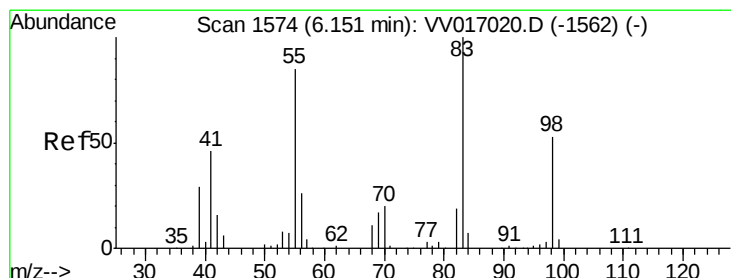
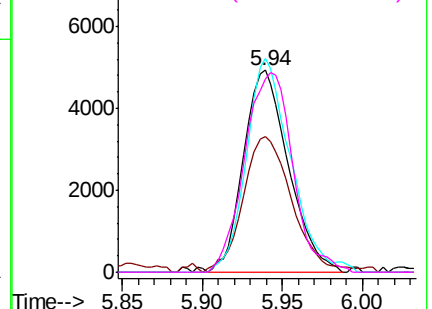
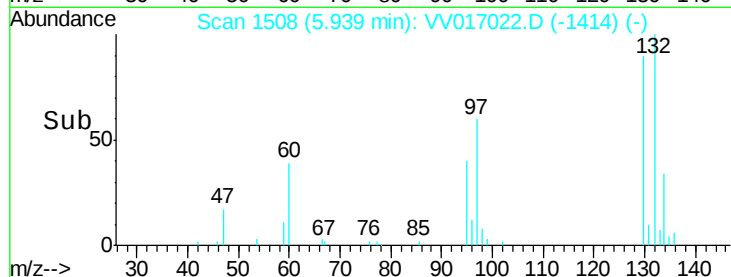


Abundance Ion 95.00 (94.70 to 95.70): VV017020.D (-1492) (-)

Ion 96.95 (96.65 to 97.65): VV017020.D (-1492) (-)

Ion 131.95 (131.65 to 132.65): VV017020.D (-1492) (-)

Ion 129.95 (129.65 to 130.65): VV017020.D (-1492) (-)



#35

Methylcyclohexane

Concen: 0.143 ug/L

RT: 6.14 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

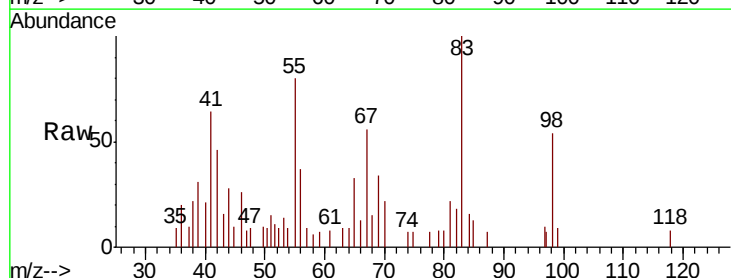
Tgt Ion: 83 Resp: 3228

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

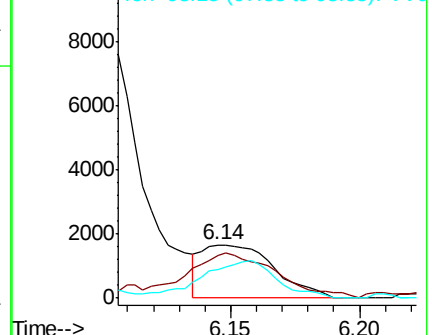
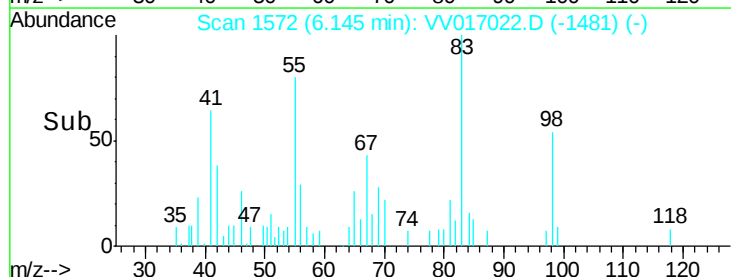
98 73.1 38.8 58.2#

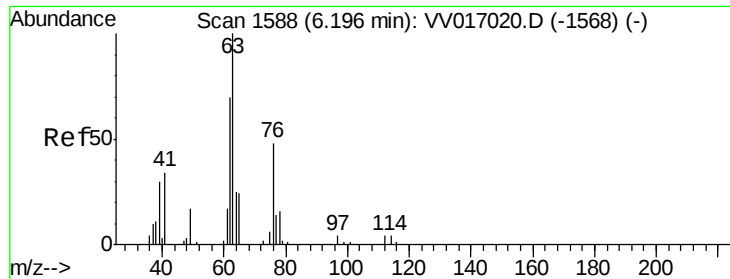


Abundance Ion 83.15 (82.85 to 83.85): VV017020.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VV017020.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VV017020.D (-1562) (-)





#37

1,2-Dichloropropane

Concen: 0.091 ug/L

RT: 6.20 min Scan# 1590

Delta R.T. 0.01 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

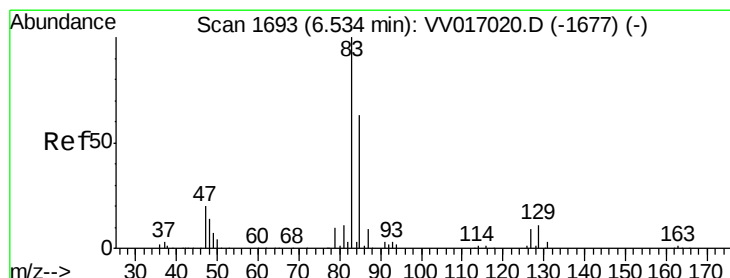
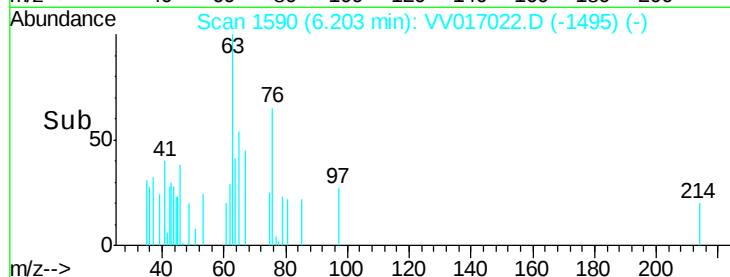
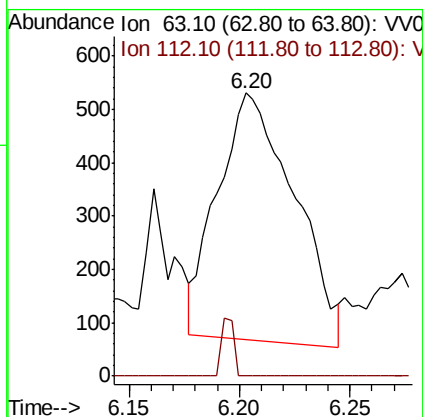
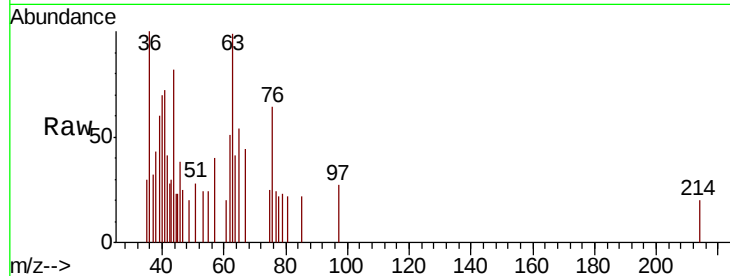
BFXF8

Tot Ion: 63 Resp: 1121

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#38

Bromodichloromethane

Concen: 3.256 ug/L

RT: 6.34 min Scan# 1634

Delta R.T. -0.19 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

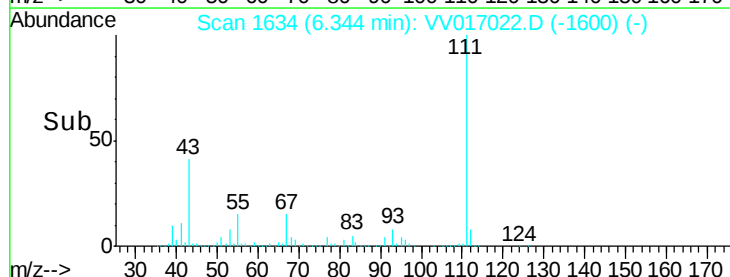
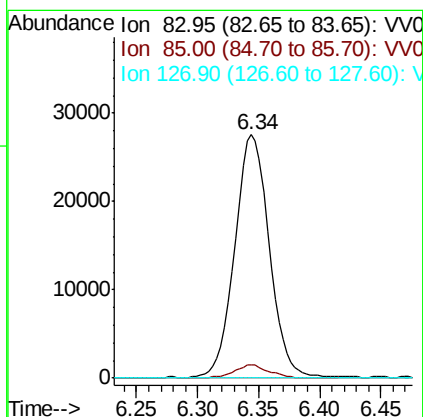
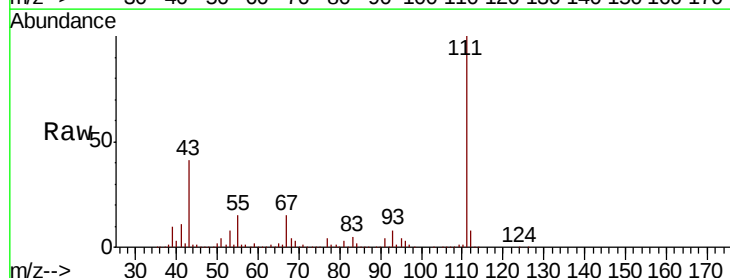
Tgt Ion: 83 Resp: 54244

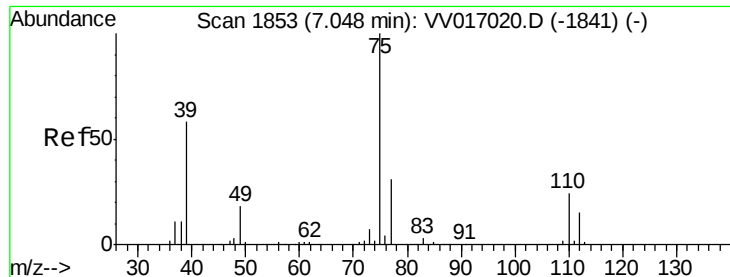
Ion Ratio Lower Upper

83 100

85 5.6 43.4 80.6#

127 0.0 7.9 11.9#

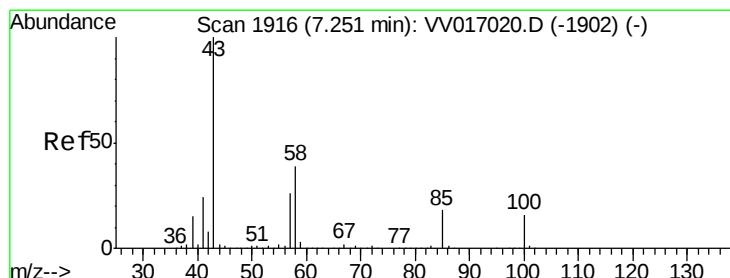
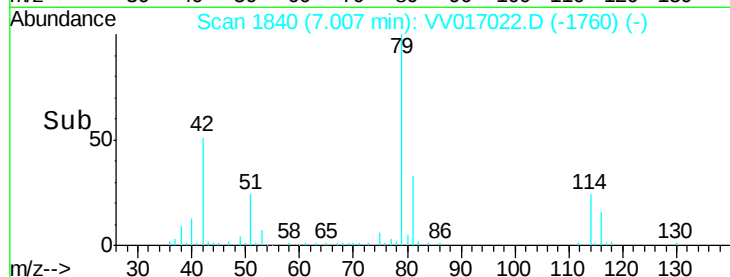
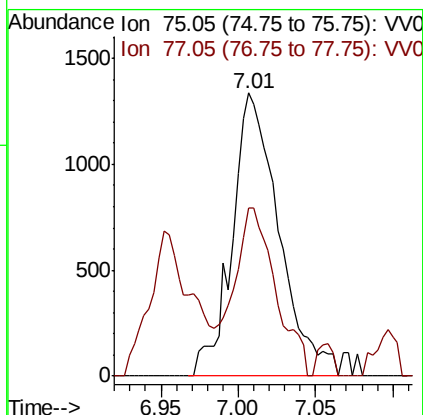
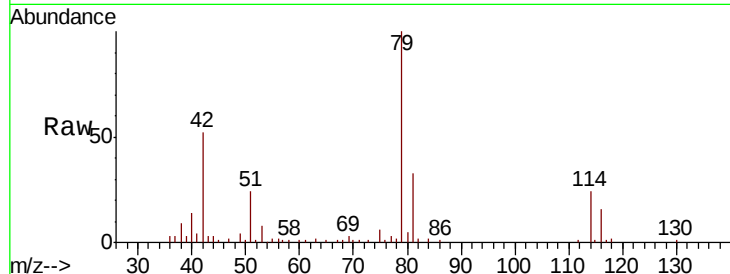




#39
 cis-1,3-Dichloropropene
 Concen: 0.154 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017022.D
 Acq: 22 Jun 2020 17:22

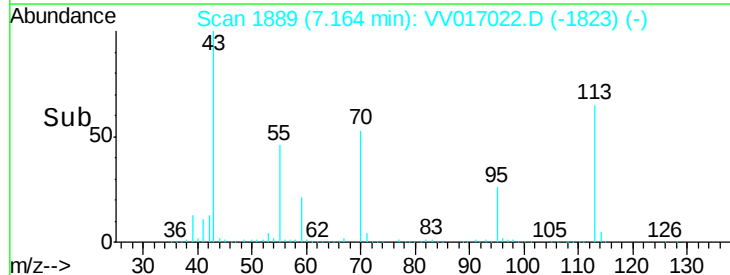
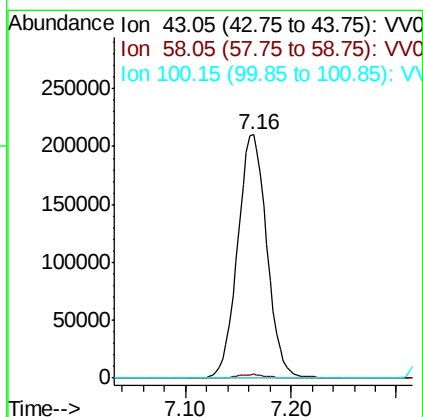
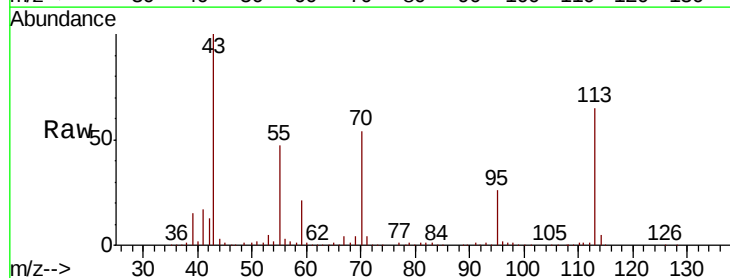
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8

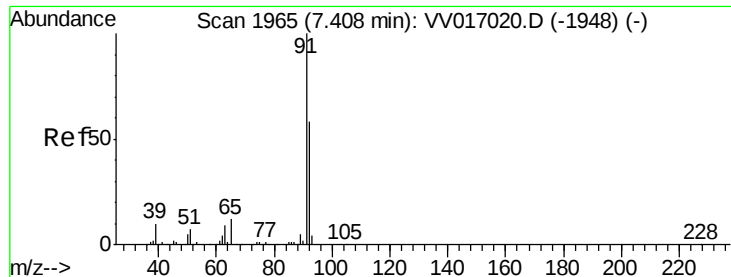
Tot Ion: 75 Resp: 2809
 Ion Ratio Lower Upper
 75 100
 77 59.4 22.3 41.5#



#40
 4-Methyl-2-pentanone
 Concen: 56.761 ug/L
 RT: 7.16 min Scan# 1889
 Delta R.T. -0.09 min
 Lab File: VV017022.D
 Acq: 22 Jun 2020 17:22

Tgt Ion: 43 Resp: 401984
 Ion Ratio Lower Upper
 43 100
 58 1.5 30.4 45.6#
 100 0.0 12.7 19.1#





#42

Toluene

Concen: 0.595 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

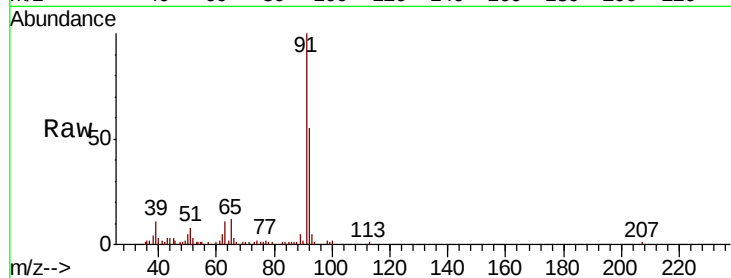
BFXF8

Tot Ion: 91 Resp: 34289

Ion Ratio Lower Upper

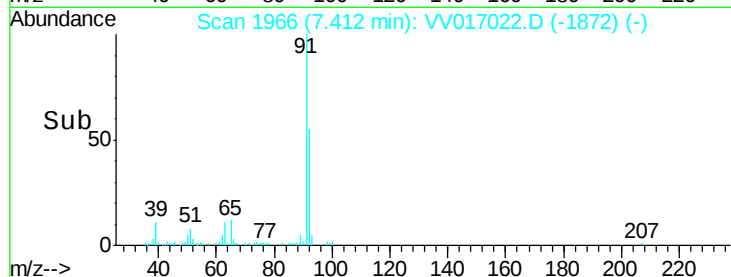
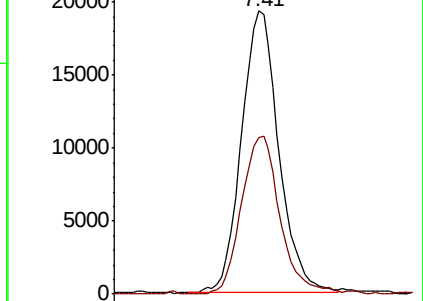
91 100

92 55.4 39.9 74.1

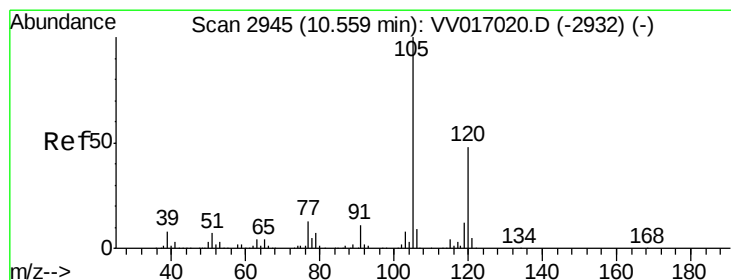


Abundance Ion 91.15 (90.85 to 91.85): VV017022.D (-1948) (-)

Ion 92.15 (91.85 to 92.85): VV017022.D (-1948) (-)



Time-->



#43

1,3,5-Trimethylbenzene

Concen: 0.049 ug/L

RT: 10.47 min Scan# 2918

Delta R.T. -0.09 min

Lab File: VV017022.D

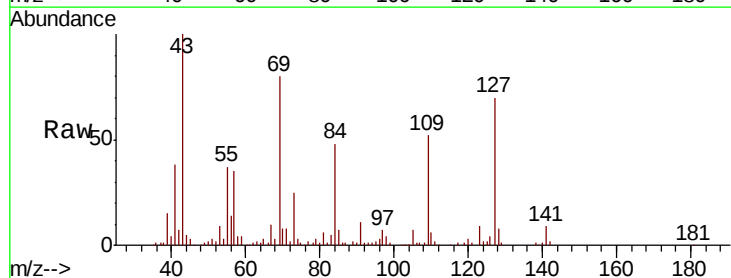
Acq: 22 Jun 2020 17:22

Tgt Ion:105 Resp: 2539

Ion Ratio Lower Upper

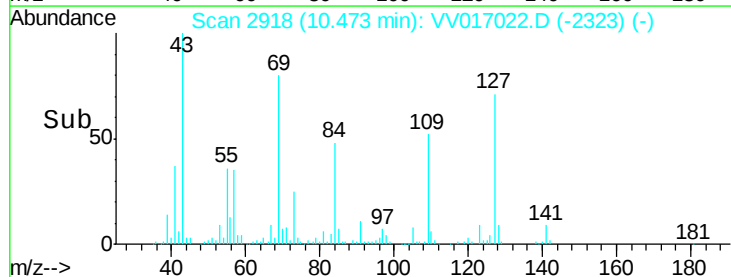
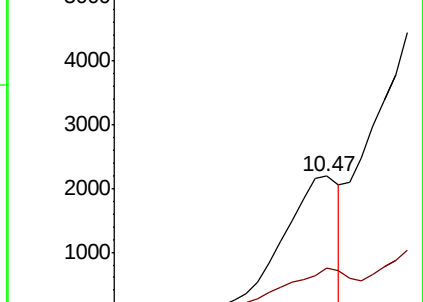
105 100

120 46.2 38.6 57.8

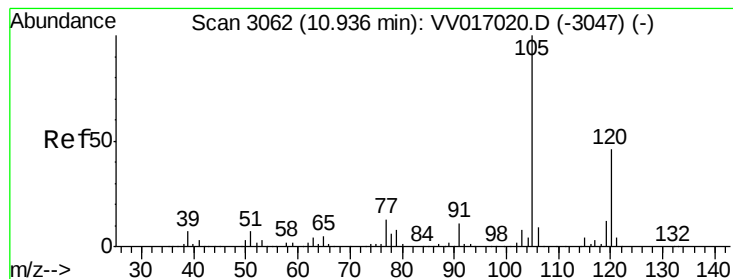


Abundance Ion 105.00 (104.70 to 105.70): VV017022.D (-2932) (-)

Ion 120.00 (119.70 to 120.70): VV017022.D (-2932) (-)



Time-->



#44

1,2,4-Trimethylbenzene

Concen: 0.511 ug/L

RT: 10.94 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

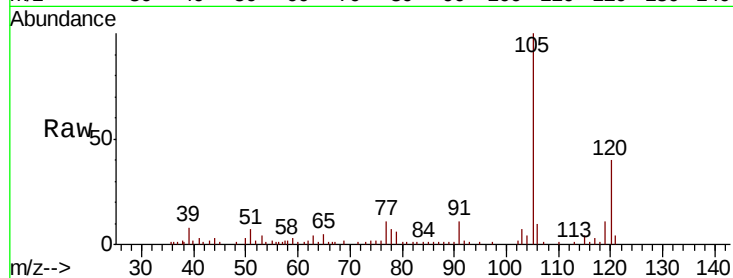
BFXF8

Tot Ion:105 Resp: 26808

Ion Ratio Lower Upper

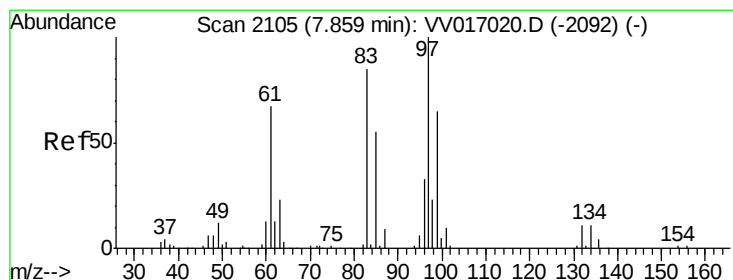
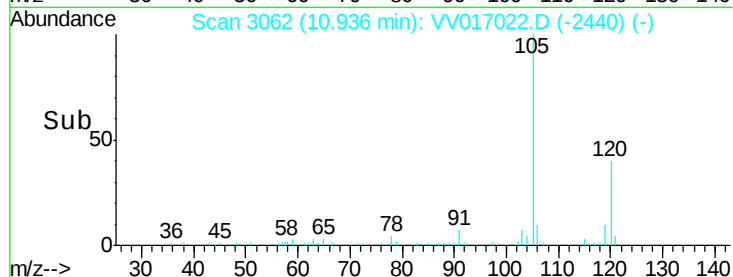
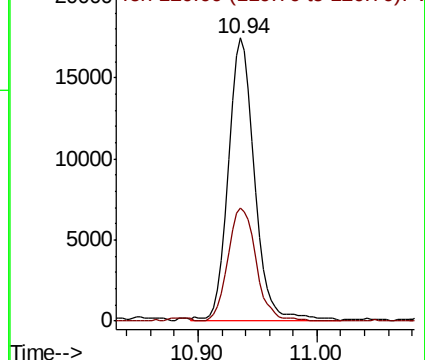
105 100

120 42.7 35.8 53.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#47

1,1,2-Trichloroethane

Concen: 0.702 ug/L

RT: 7.87 min Scan# 2107

Delta R.T. 0.01 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Tgt Ion: 97 Resp: 6103

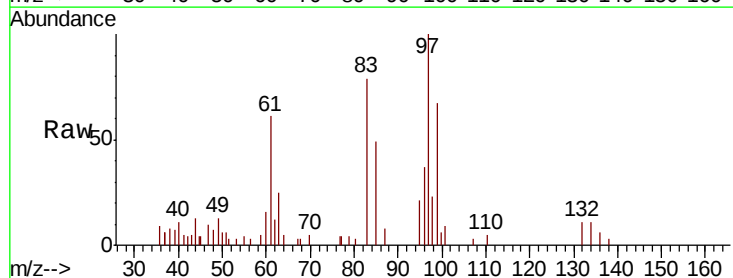
Ion Ratio Lower Upper

97 100

99 66.7 43.6 81.0

83 78.7 57.4 106.6

85 48.8 38.8 72.0

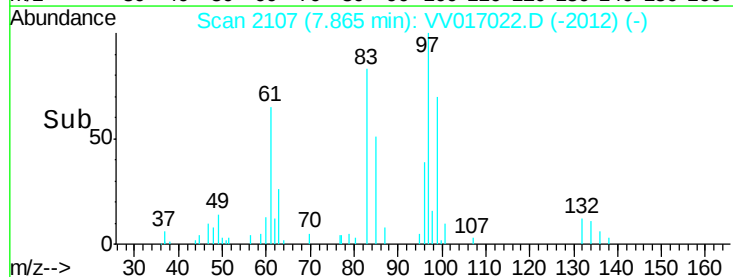
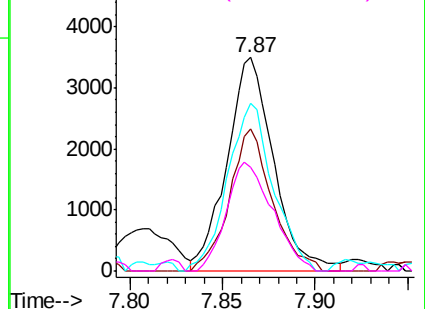


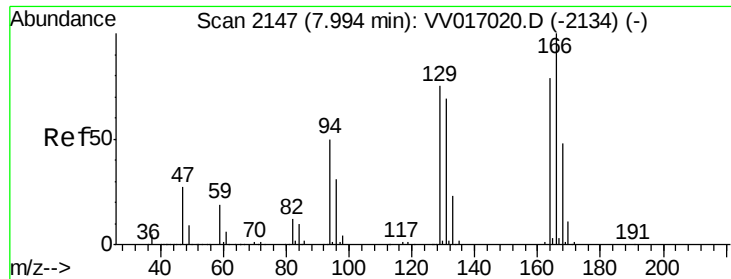
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#49

Tetrachloroethene

Concen: 0.421 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

BFXF8

Tot Ion:164 Resp: 4922

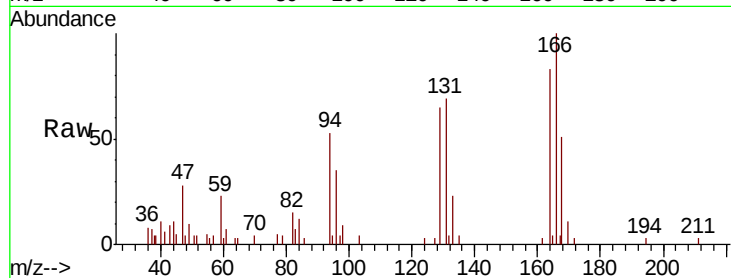
Ion Ratio Lower Upper

164 100

129 78.6 65.2 121.0

131 83.6 64.1 119.1

166 121.0 90.2 167.4

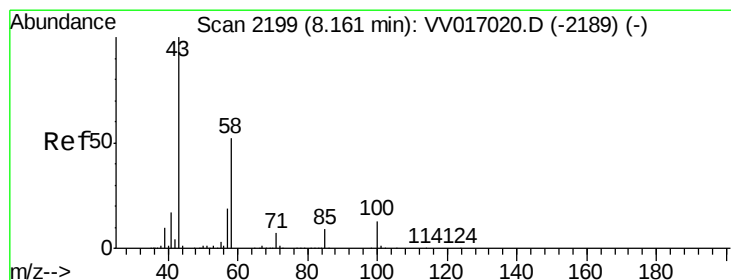
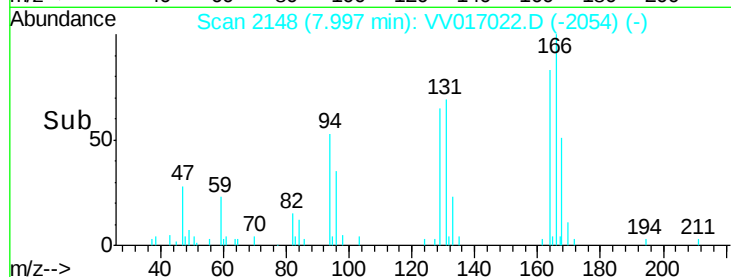
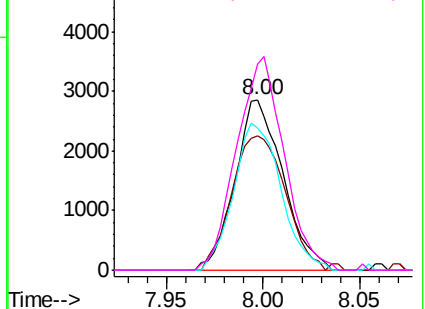


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 0.872 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Tgt Ion: 43 Resp: 4395

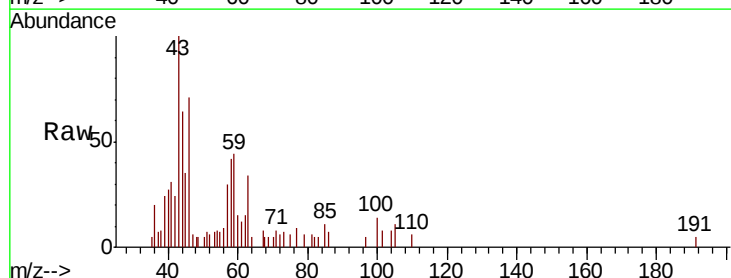
Ion Ratio Lower Upper

43 100

58 0.0 41.6 62.4#

57 30.4 15.4 23.0#

100 6.5 10.1 15.1#

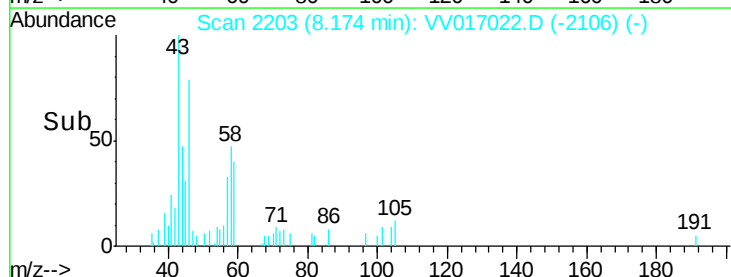
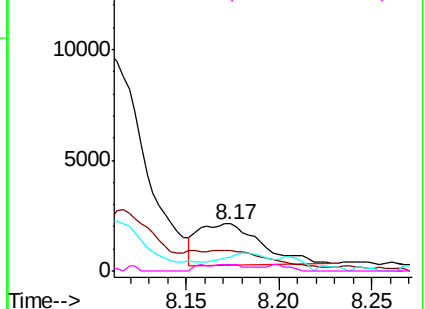


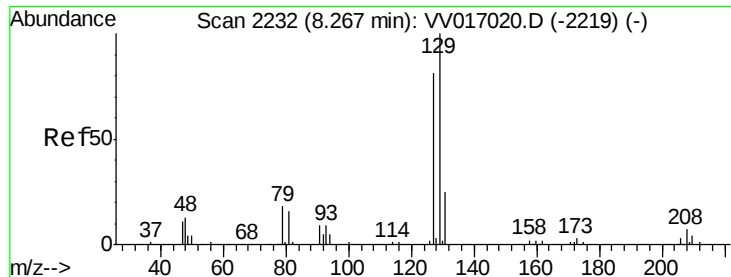
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#51

Dibromochloromethane

Concen: 0.399 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

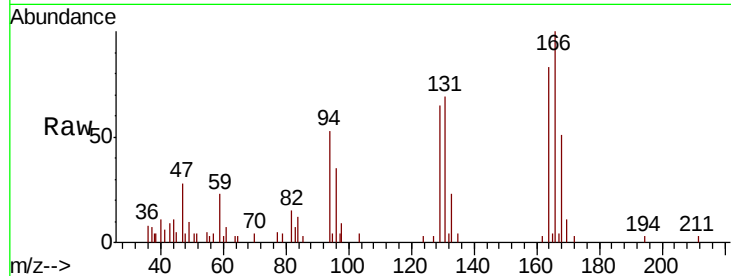
BFXF8

Tot Ion:129 Resp: 4204

Ion Ratio Lower Upper

129 100

127 4.6 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.00

2500

2000

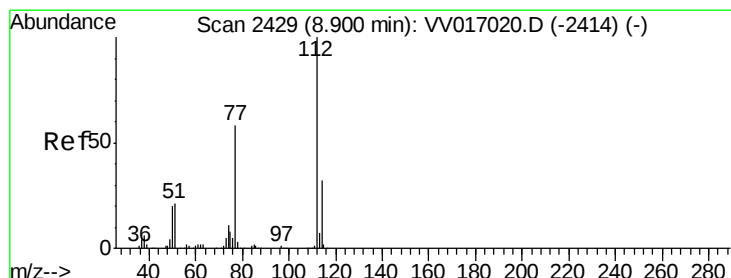
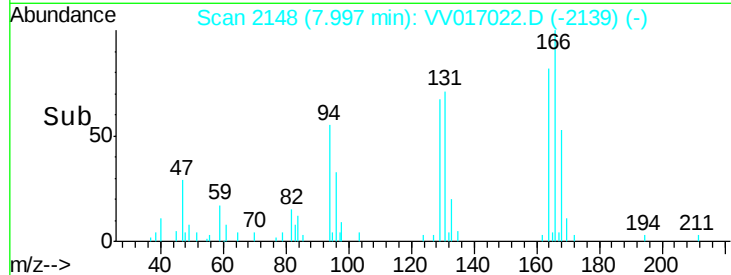
1500

1000

500

0

Time--> 7.95 8.00 8.05



#53

Chlorobenzene

Concen: 4.996 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

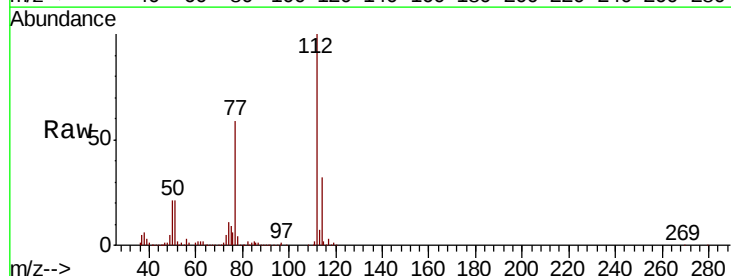
Tgt Ion:112 Resp: 179418

Ion Ratio Lower Upper

112 100

114 32.4 22.0 41.0

77 58.7 46.0 69.0



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): VV0

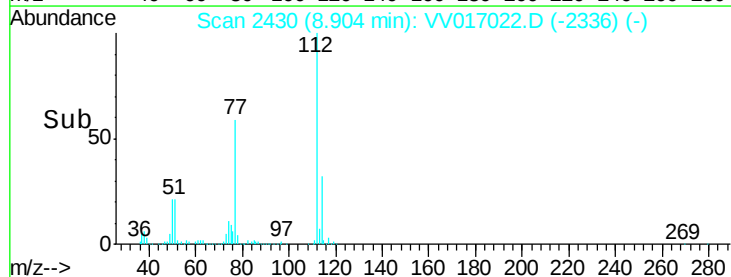
150000

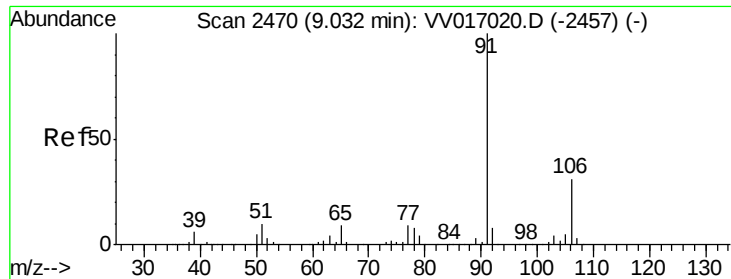
100000

50000

0

Time--> 8.85 8.90 8.95 9.00





#54

Ethylbenzene

Concen: 0.135 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

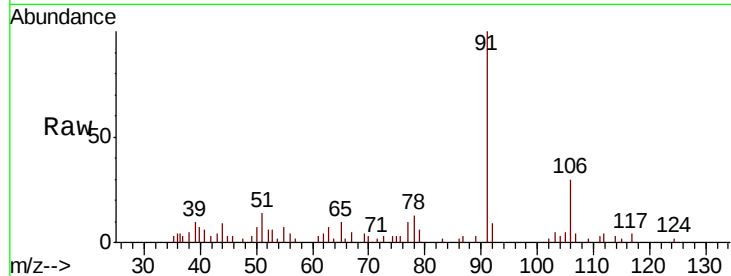
BFXF8

Tot Ion: 91 Resp: 8304

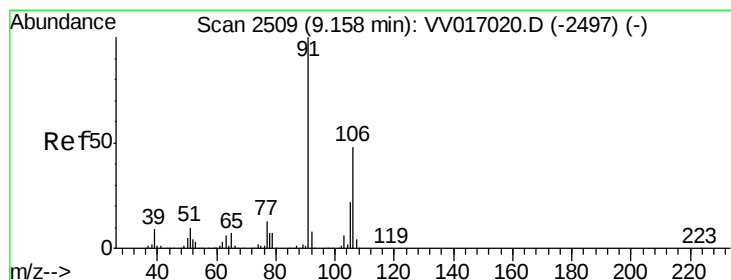
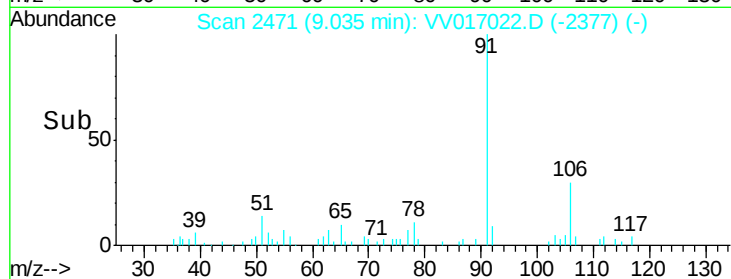
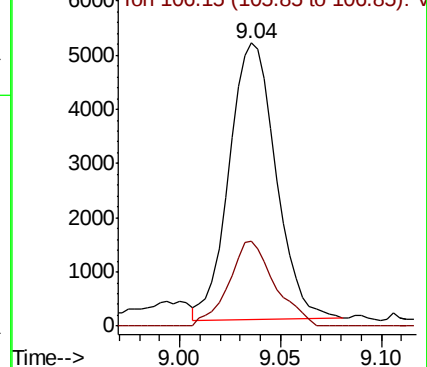
Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV017022.D (-2457) (-)



#55

m,p-xylene

Concen: 0.246 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017022.D

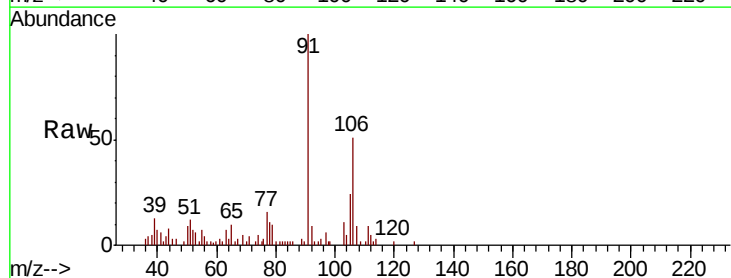
Acq: 22 Jun 2020 17:22

Tgt Ion: 106 Resp: 5941

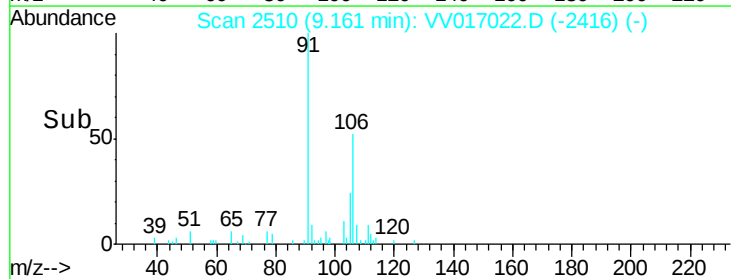
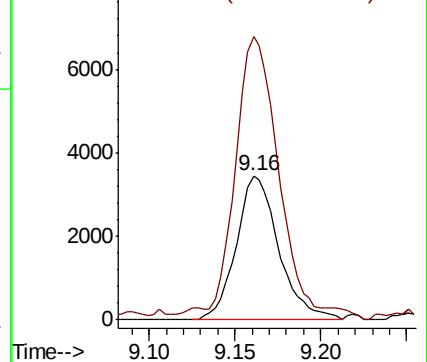
Ion Ratio Lower Upper

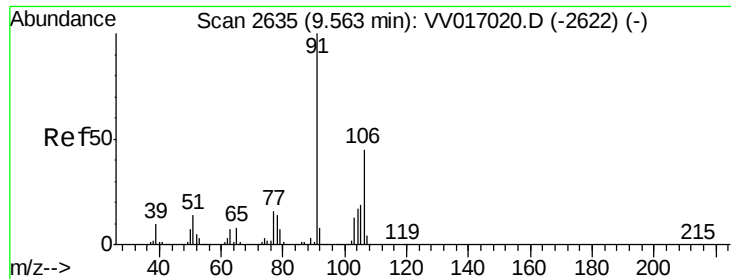
106 100

91 196.6 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): VV017022.D (-2497) (-)

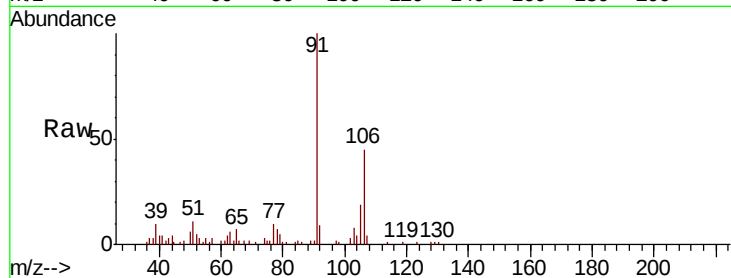




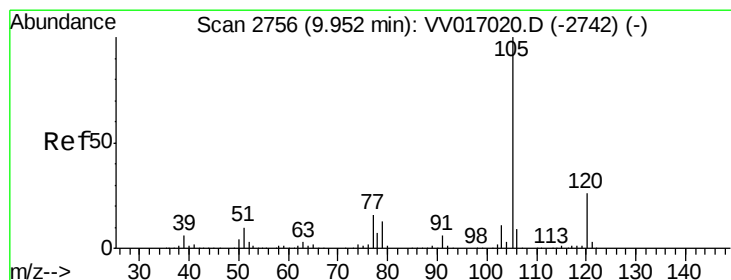
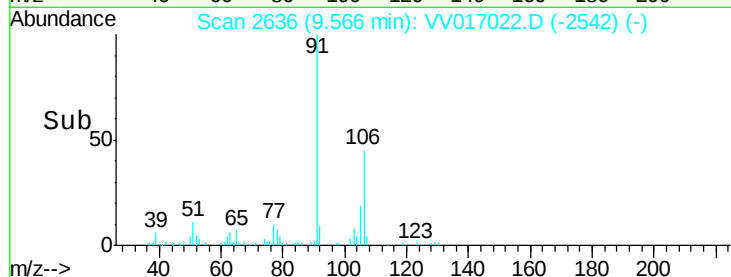
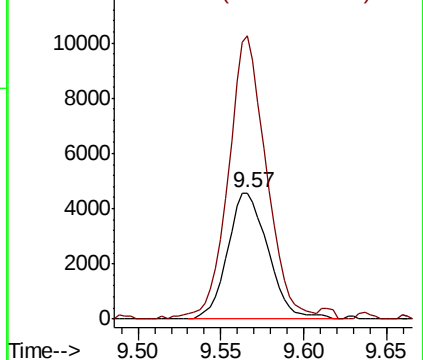
#56
o-xylene
Concen: 0.345 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017022.D
Acq: 22 Jun 2020 17:22

Instrument :
MSVOA_V
ClientSampleId :
BFXF8

Tot Ion:106 Resp: 7769
Ion Ratio Lower Upper
106 100
91 224.2 153.6 285.2

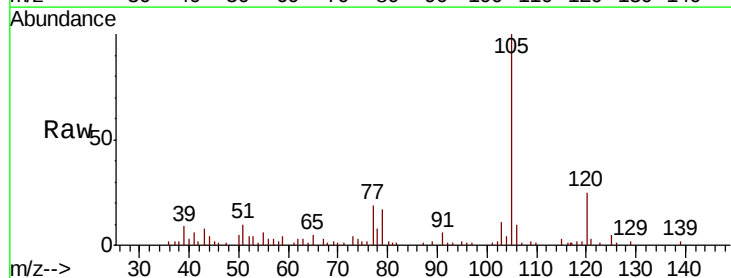


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

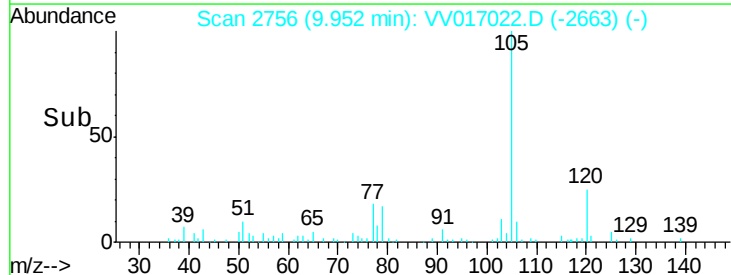
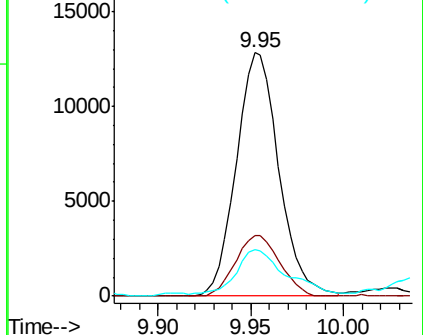


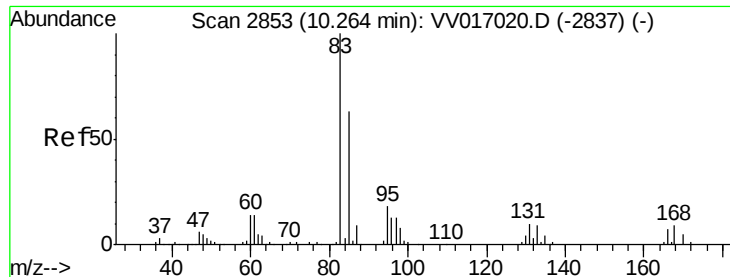
#58
Isopropylbenzene
Concen: 0.331 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV017022.D
Acq: 22 Jun 2020 17:22

Tgt Ion:105 Resp: 20477
Ion Ratio Lower Upper
105 100
120 25.7 21.2 31.8
77 20.2 13.0 19.4#



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): VV0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.560 ug/L

RT: 10.14 min Scan# 2815

Delta R.T. -0.12 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

BFXF8

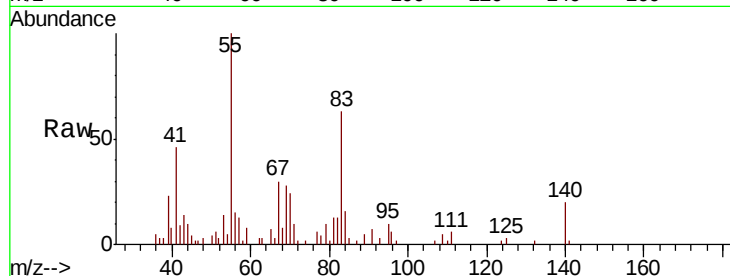
Tot Ion: 83 Resp: 5040

Ion Ratio Lower Upper

83 100

85 4.3 42.9 79.7#

131 0.0 8.6 13.0#

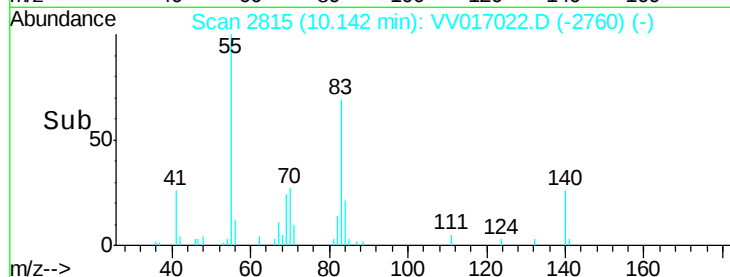


Abundance Ion 82.95 (82.65 to 83.65): VV017022.D (-2760) (-)

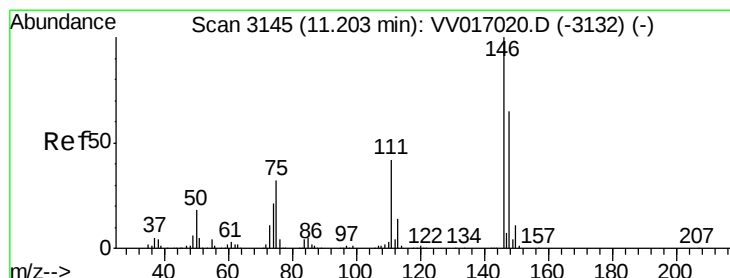
Ion 85.00 (84.70 to 85.70): VV017022.D (-2760) (-)

Ion 130.95 (130.65 to 131.65): VV017022.D (-2760) (-)

Time-->



Time-->



#63

1,3-Dichlorobenzene

Concen: 0.128 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

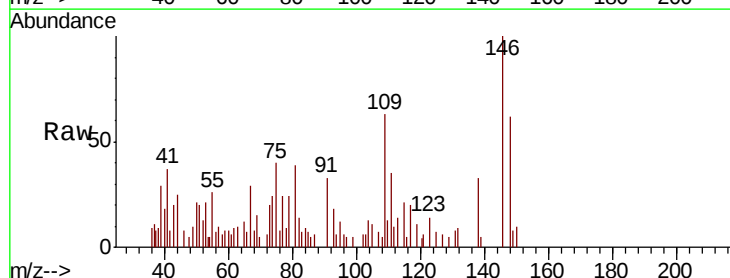
Tgt Ion: 146 Resp: 3699

Ion Ratio Lower Upper

146 100

111 34.9 29.2 54.2

148 61.7 44.9 83.5

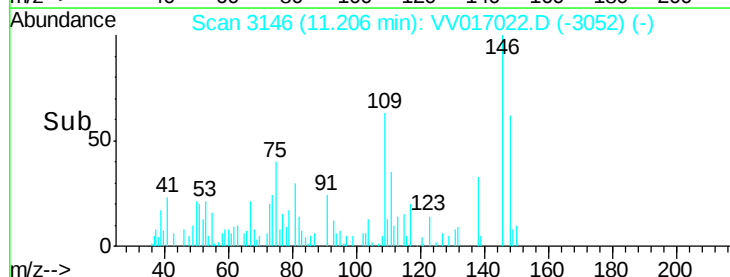


Abundance Ion 145.95 (145.65 to 146.65): VV017022.D (-3052) (-)

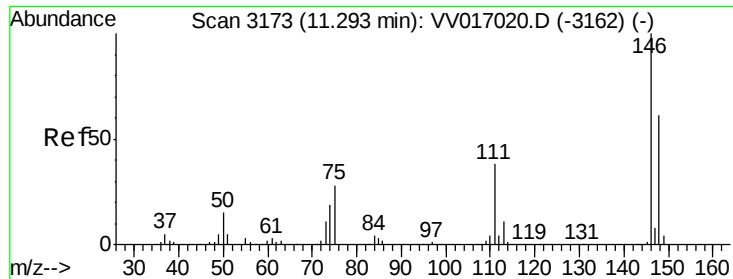
Ion 111.00 (110.70 to 111.70): VV017022.D (-3052) (-)

Ion 148.00 (147.70 to 148.70): VV017022.D (-3052) (-)

Time-->



Time-->



#64

1,4-Dichlorobenzene

Concen: 0.428 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

BFXF8

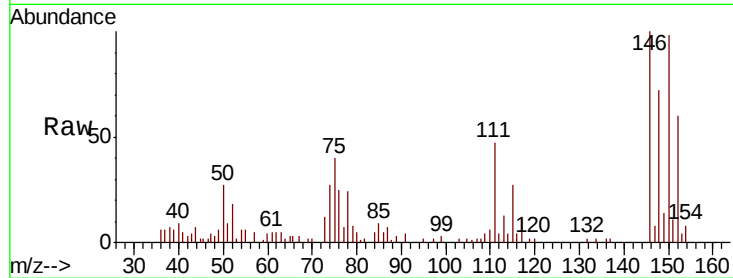
Tot Ion:146 Resp: 12588

Ion Ratio Lower Upper

146 100

111 47.3 27.4 50.8

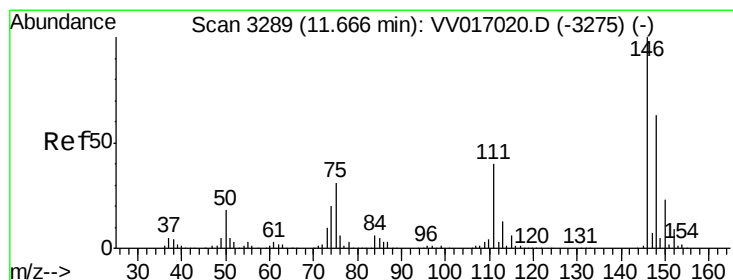
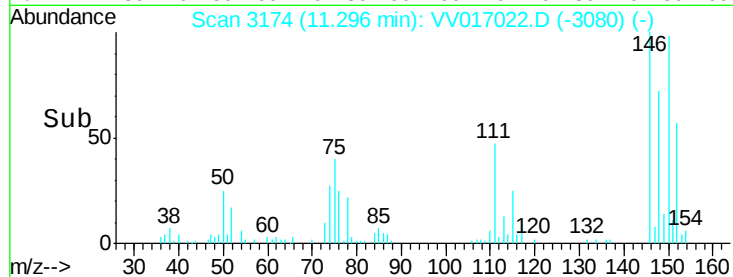
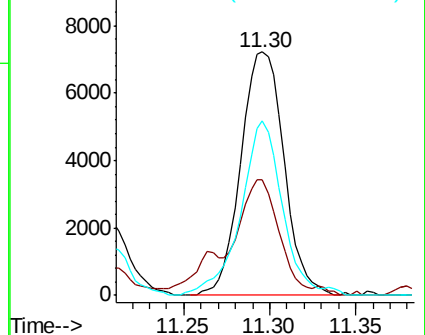
148 71.7 44.3 82.3



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-Dichlorobenzene

Concen: 2.135 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

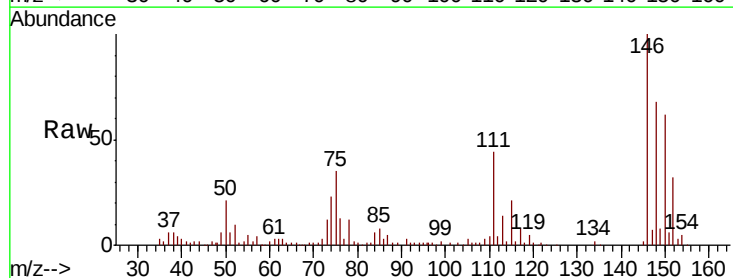
Tgt Ion:146 Resp: 56037

Ion Ratio Lower Upper

146 100

111 44.4 34.4 51.6

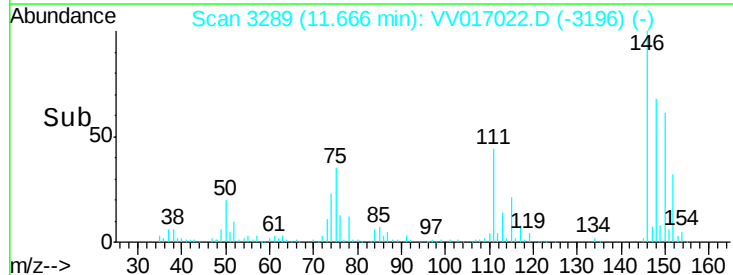
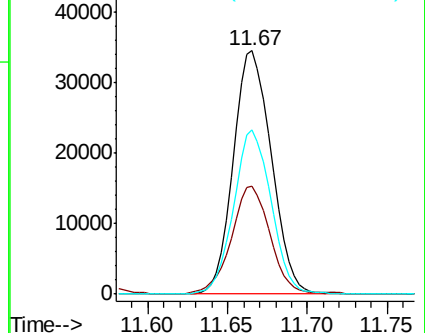
148 67.7 49.9 74.9

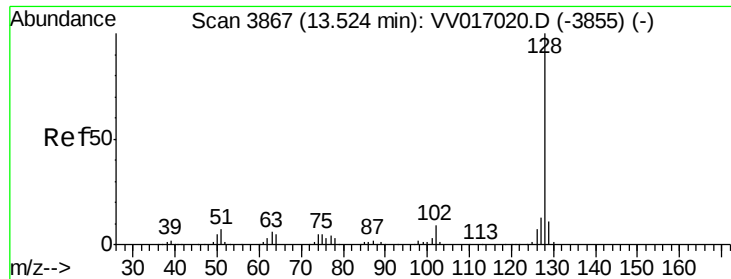


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#70

Naphthalene

Concen: 0.201 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV017022.D

Acq: 22 Jun 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

BFXF8

Tot Ion:128 Resp: 5442

Ion Ratio Lower Upper

128 100

129 33.7 8.8 13.2#

127 20.4 10.5 15.7#

