

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017037.D
 Acq On : 22 Jun 2020 23:21
 Operator : SY/MD
 Sample : L3067-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6

Quant Time: Jun 23 05:00:00 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	185719	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	179133	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45373	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	34532	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.13	63	1357676	64.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1280.00%#
20) 2-Butanone-d5	3.96	46	37539	13.21	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	26.42%#
24) Chloroform-d	4.38	84	113398	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	61253	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	220364	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	65579	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	208637	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
45) trans-1,3-Dichloropropene-	7.64	79	27298	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	8.12	63	94752	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	47284	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	83014	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	220881	18.125	ug/L	100
8) Chloroethane	1.59	64	306166	45.459	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6230	0.633	ug/L #	37
12) 1,1-Dichloroethene	2.13	96	2194924	246.253	ug/L #	65
13) Acetone	2.23	43	5466	3.806	ug/L	89
14) Carbon disulfide	2.31	76	8952	0.335	ug/L	97
16) Methylene chloride	2.52	84	7692	0.806	ug/L	84
18) trans-1,2-Dichloroethene	2.78	96	26601	2.816	ug/L	92
21) 2-Butanone	4.05	43	5857	2.164	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	292457	22.643	ug/L	99
25) Chloroform	4.41	83	12198	0.526	ug/L	97
27) 1,2-Dichloroethane	5.16	62	42574	2.956	ug/L	97
30) Cyclohexane	4.73	56	16820	0.824	ug/L #	1
31) Carbon tetrachloride	4.68	117	16411202	847.456	ug/L	99
33) Benzene	5.13	78	64562	1.376	ug/L	100
34) Trichloroethene	5.94	95	41365	3.011	ug/L	99
35) Methylcyclohexane	6.15	83	8466	0.396	ug/L	96

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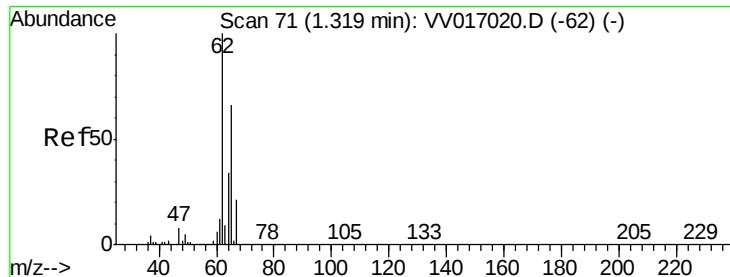
Quant Time: Jun 23 05:00:00 2020
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 Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

37) 1,2-Dichloropropane	6.20	63	3009	0.259	ug/L #	84
38) Bromodichloromethane	6.35	83	56951	3.610	ug/L #	33
40) 4-Methyl-2-pentanone	7.16	43	424487	63.309	ug/L #	46
42) Toluene	7.41	91	162620	2.982	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	23210	0.476	ug/L	96
44) 1,2,4-Trimethylbenzene	10.94	105	51694	1.041	ug/L	96
46) trans-1,3-Dichloropropene	7.65	75	1396	0.094	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	26809	3.255	ug/L	99
49) Tetrachloroethene	8.00	164	24428	2.209	ug/L	97
50) 2-Hexanone	8.11	43	15564	3.262	ug/L #	70
51) Dibromochloromethane	8.00	129	21921	2.196	ug/L #	12
53) Chlorobenzene	8.90	112	416574	12.252	ug/L	98
54) Ethylbenzene	9.04	91	25715	0.442	ug/L	99
55) m,p-xylene	9.16	106	18496	0.810	ug/L	100
56) o-xylene	9.57	106	25487	1.196	ug/L	98
58) Isopropylbenzene	9.95	105	19491	0.332	ug/L #	94
60) 1,1,2,2-Tetrachloroethane	10.26	83	10442	1.226	ug/L	98
63) 1,3-Dichlorobenzene	11.21	146	13794	0.503	ug/L	93
64) 1,4-Dichlorobenzene	11.29	146	46967	1.686	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	200241	8.050	ug/L	99
70) Naphthalene	13.53	128	14159	0.553	ug/L #	91

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

```
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Misc      : 25.0mL/MSVOA V/WATER
ALS Vial  : 19      Sample Multiplier: 1
```



#5

Vinyl chloride

Concen: 18.125 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

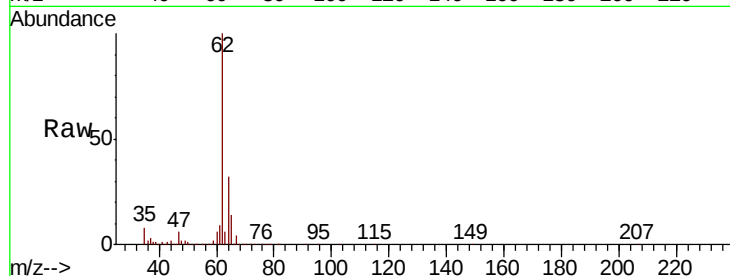
BFXH6

Tot Ion: 62 Resp: 220881

Ion Ratio Lower Upper

62 100

64 31.9 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV017037.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV017037.D (-64) (-)

1.32

250000

200000

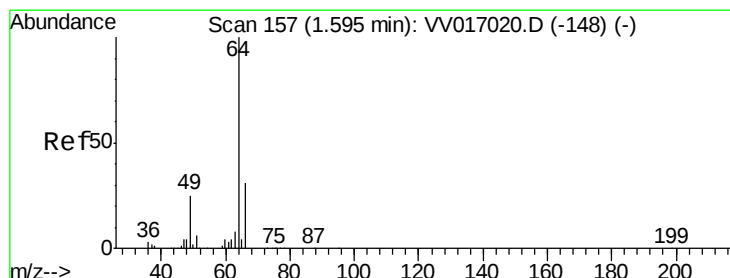
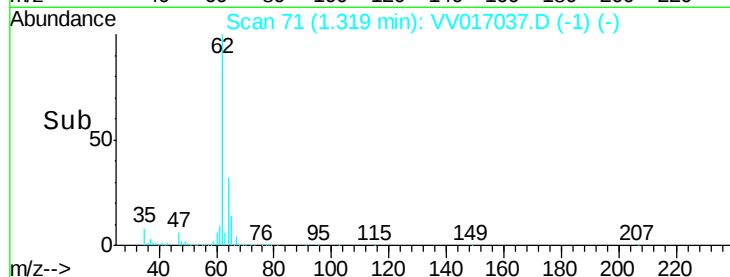
150000

100000

50000

0

Time-->



#8

Chloroethane

Concen: 45.459 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV017037.D

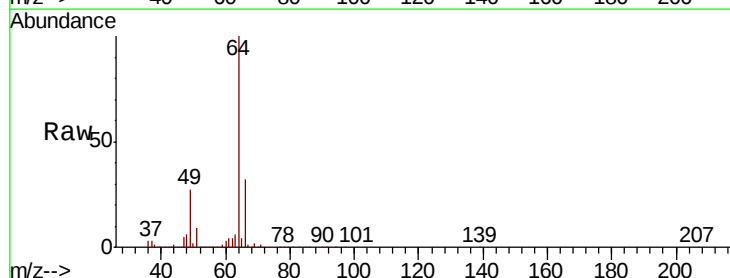
Acq: 22 Jun 2020 23:21

Tgt Ion: 64 Resp: 306166

Ion Ratio Lower Upper

64 100

66 31.9 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV017037.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV017037.D (-66) (-)

1.59

300000

250000

200000

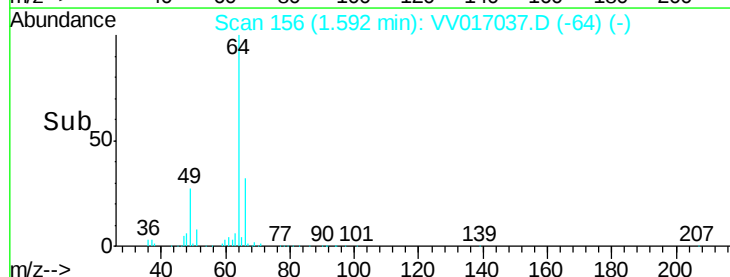
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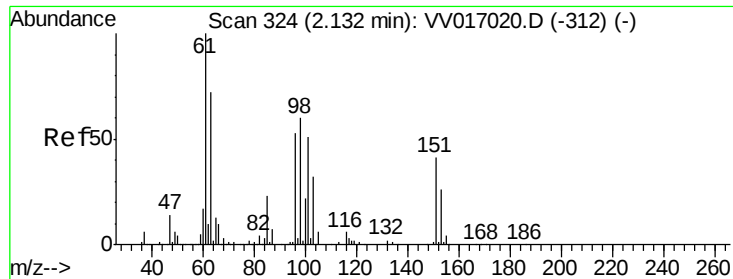
100000

50000

0

Time-->





#10

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

Concen: 0.633 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampled :

BFXH6

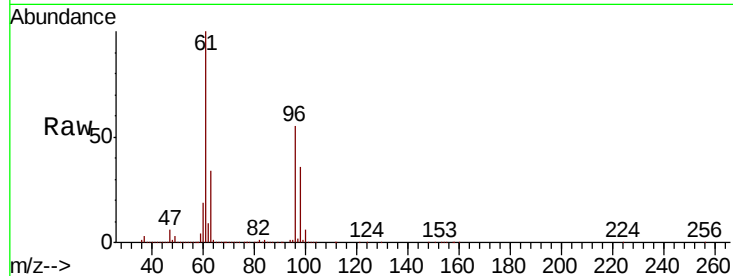
Tot Ion:101 Resp: 6230

Ion Ratio Lower Upper

101 100

85 24.7 35.4 53.2#

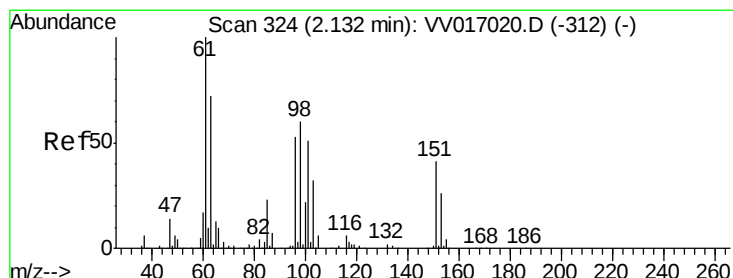
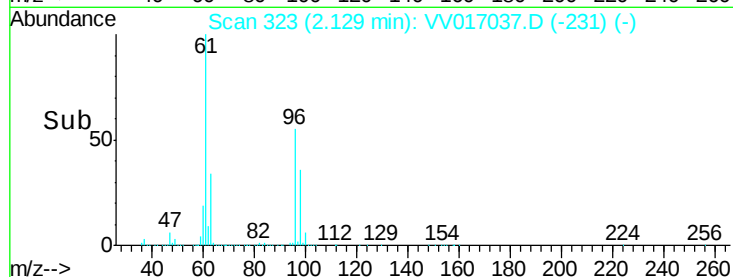
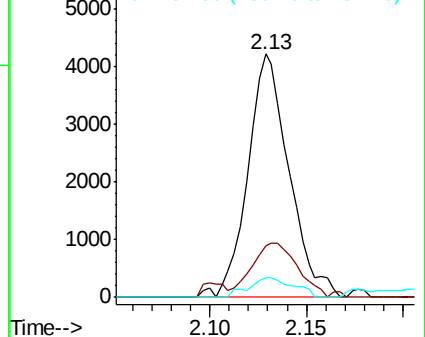
151 8.6 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 246.253 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

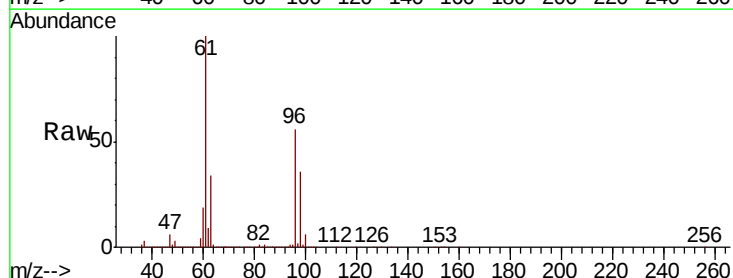
Tgt Ion: 96 Resp: 2194924

Ion Ratio Lower Upper

96 100

61 179.3 125.0 232.2

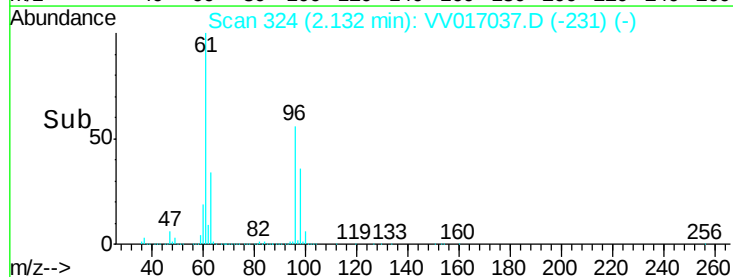
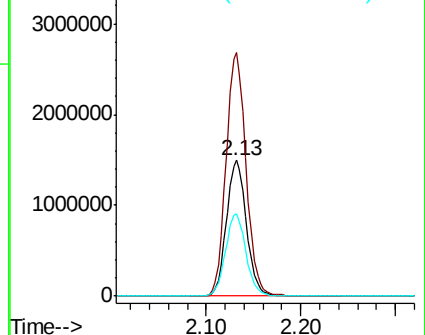
63 60.7 109.8 203.8#

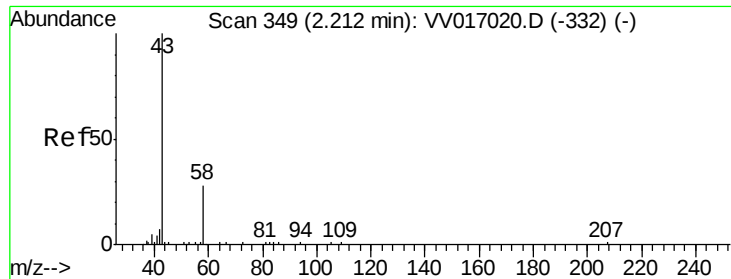


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.806 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.02 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

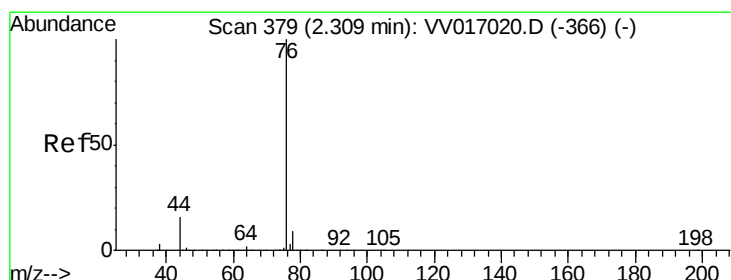
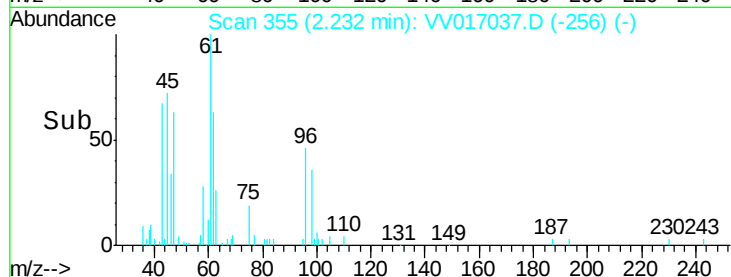
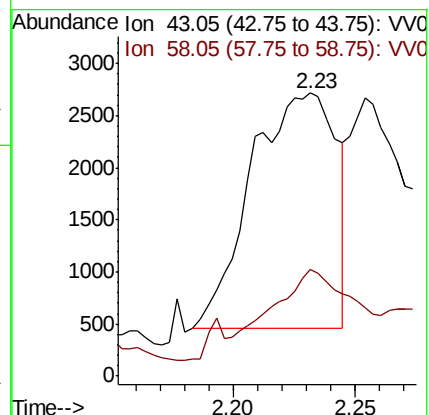
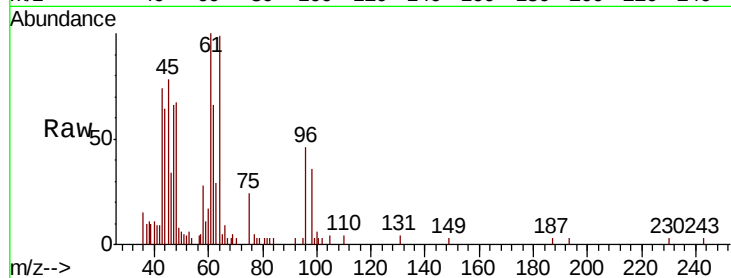
BFXH6

Tot Ion: 43 Resp: 5466

Ion Ratio Lower Upper

43 100

58 23.4 0.0 58.4



#14

Carbon disulfide

Concen: 0.335 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017037.D

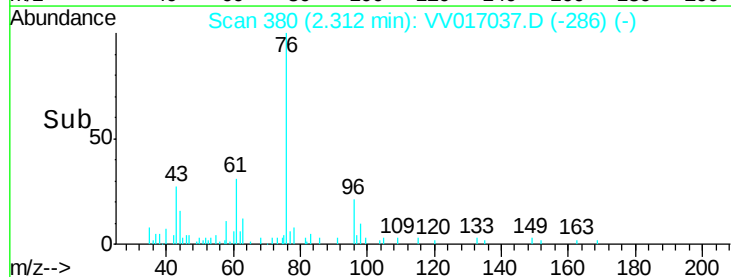
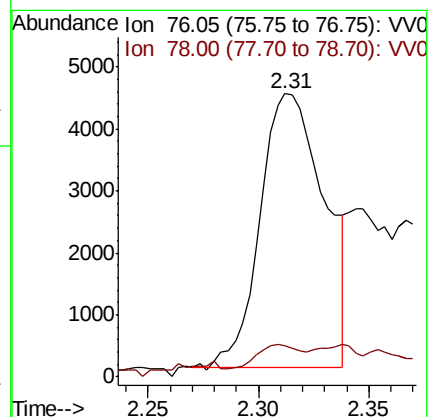
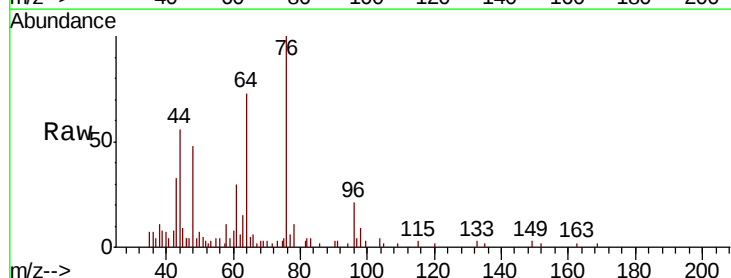
Acq: 22 Jun 2020 23:21

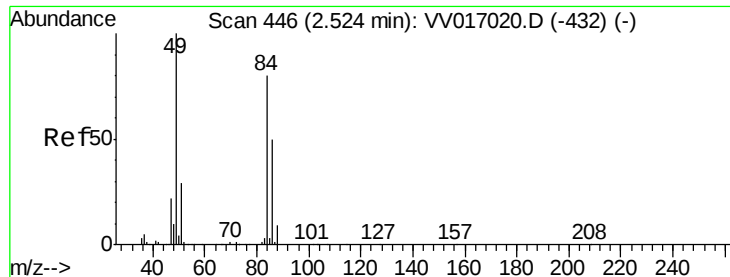
Tgt Ion: 76 Resp: 8952

Ion Ratio Lower Upper

76 100

78 10.8 7.7 11.5

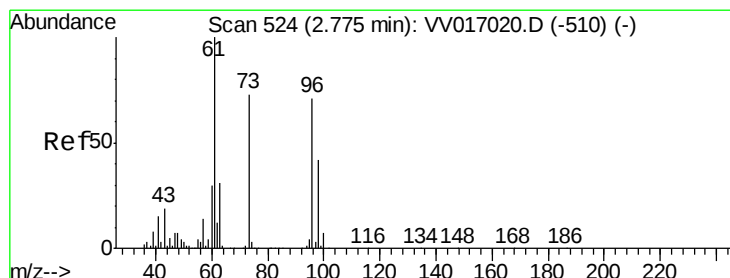
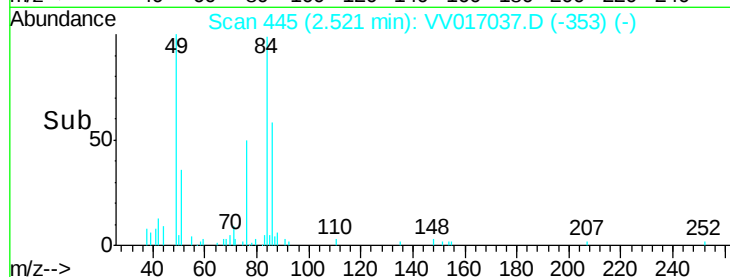
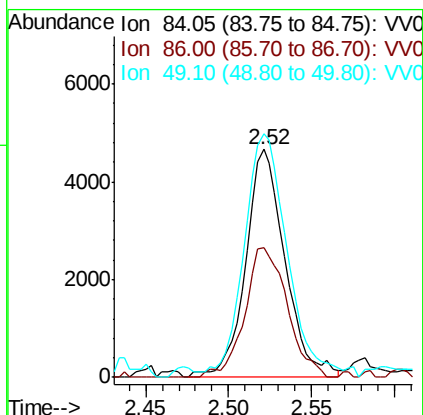
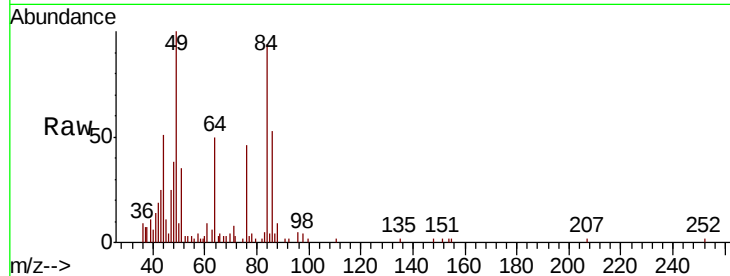




#16
Methvlene chloride
Concen: 0.806 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

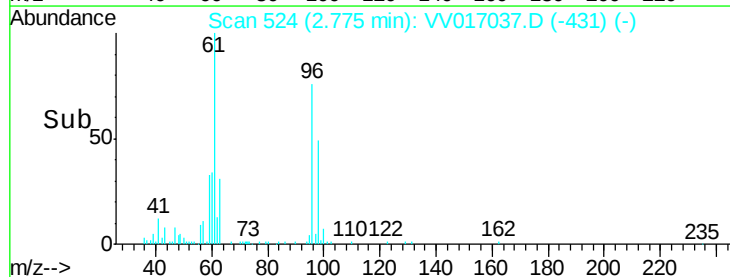
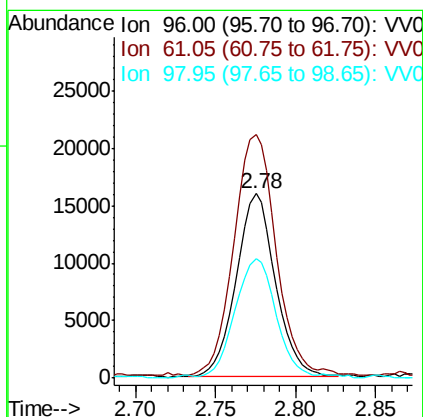
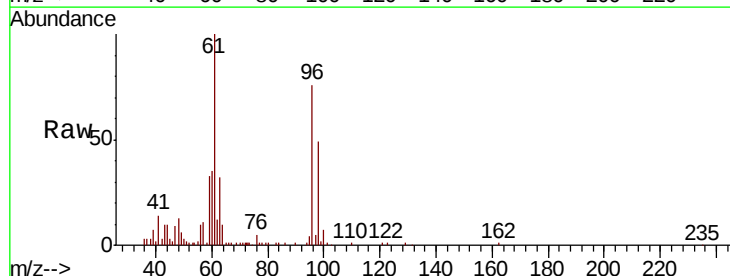
Instrument :
MSVOA_V
ClientSampleId :
BFXH6

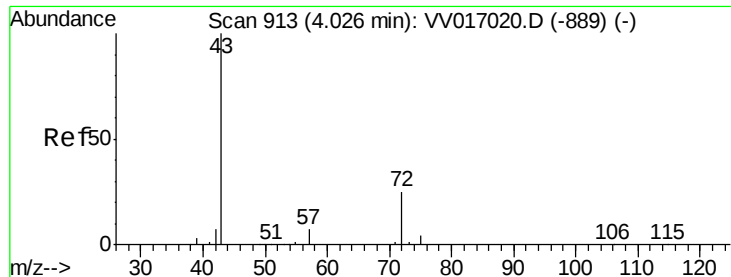
Tot Ion: 84 Resp: 7692
Ion Ratio Lower Upper
84 100
86 57.1 45.8 85.0
49 106.9 89.6 166.4



#18
trans-1,2-Dichloroethene
Concen: 2.816 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

Tgt Ion: 96 Resp: 26601
Ion Ratio Lower Upper
96 100
61 131.9 102.3 189.9
98 64.7 44.7 82.9





#21

2-Butanone

Concen: 2.164 ug/L

RT: 4.05 min Scan# 920

Delta R.T. 0.02 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

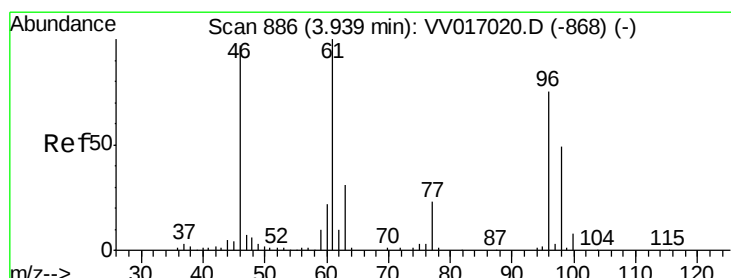
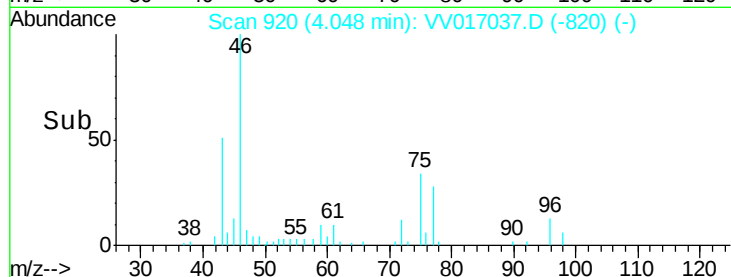
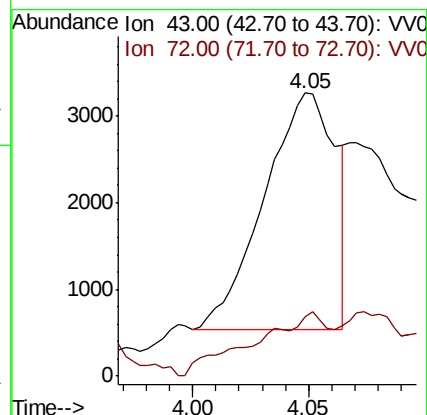
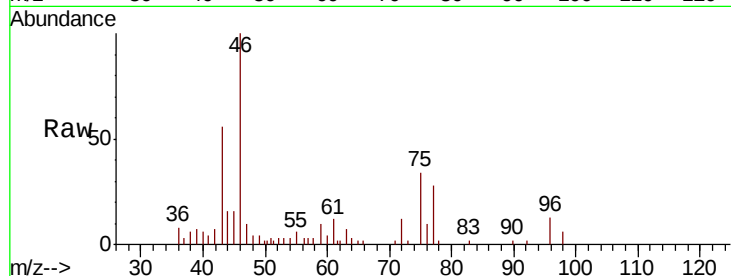
Instrument :
MSVOA_V
ClientSampled :
BFXH6

Tot Ion: 43 Resp: 5857

Ion Ratio Lower Upper

43 100

72 28.6 12.4 37.4



#22

cis-1,2-Dichloroethene

Concen: 22.643 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

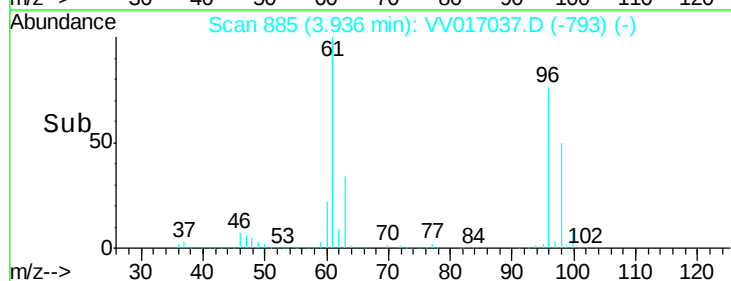
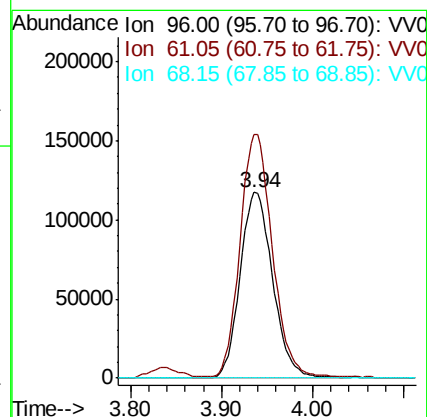
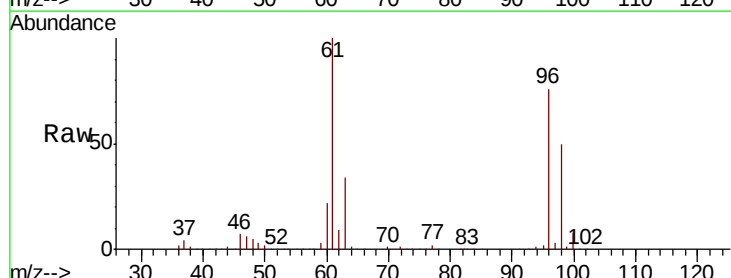
Tgt Ion: 96 Resp: 292457

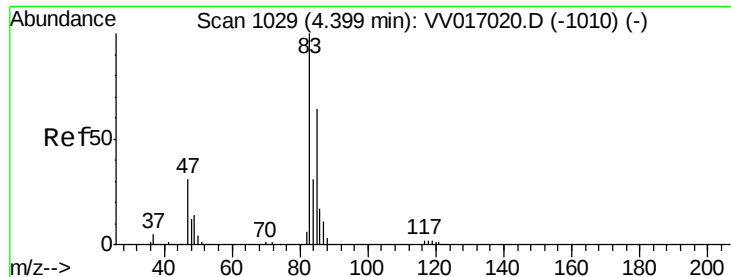
Ion Ratio Lower Upper

96 100

61 130.9 91.0 169.0

68 0.0 0.0 0.0

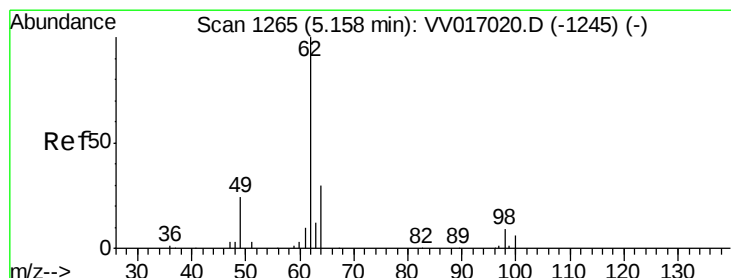
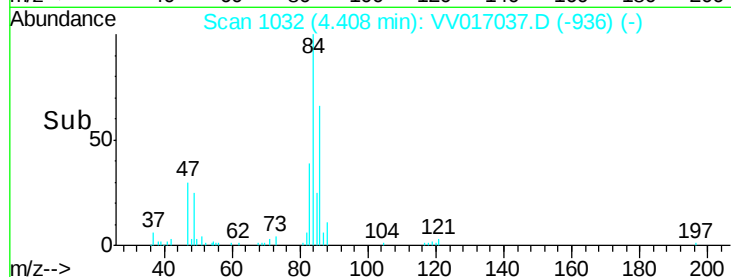
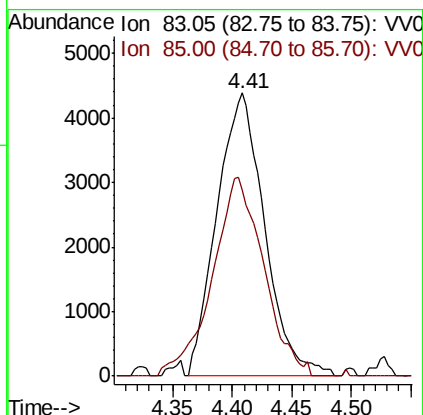
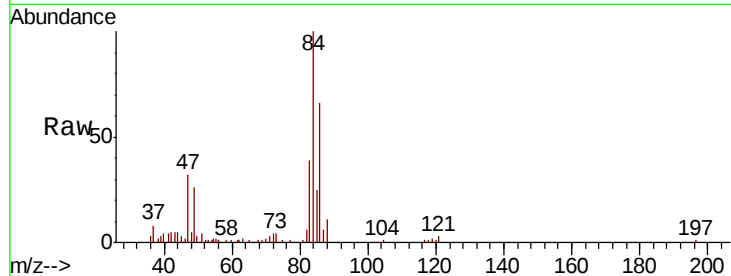




#25
Chloroform
Concen: 0.526 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

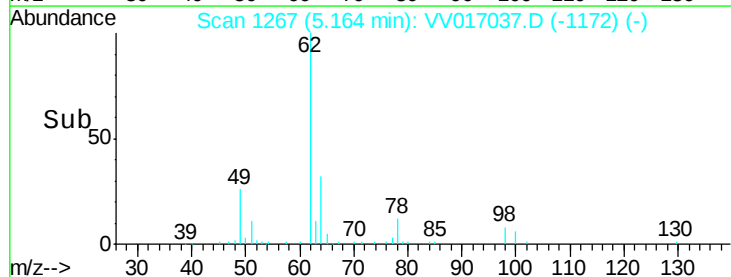
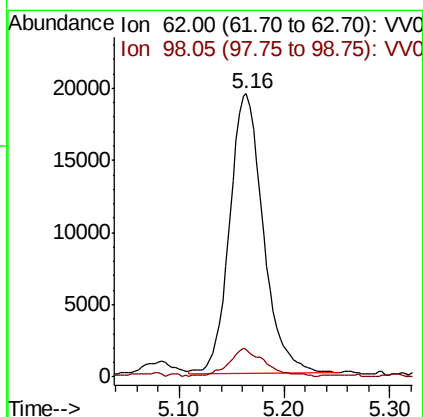
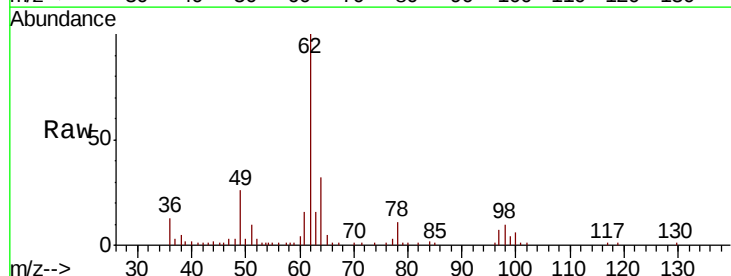
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ClientSampleId :
BFXH6

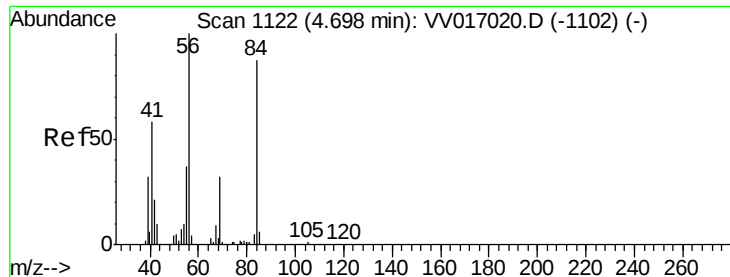
Tot Ion: 83 Resp: 12198
Ion Ratio Lower Upper
83 100
85 65.6 44.2 82.2



#27
1,2-Dichloroethane
Concen: 2.956 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

Tgt Ion: 62 Resp: 42574
Ion Ratio Lower Upper
62 100
98 9.6 6.7 10.1

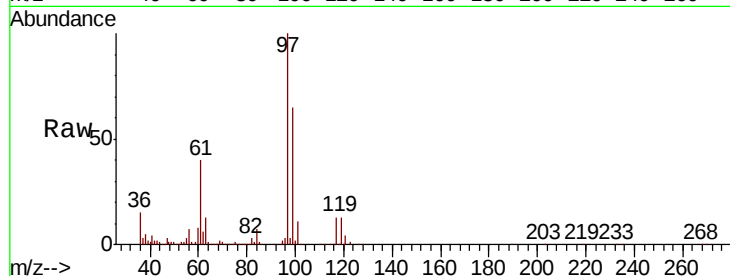




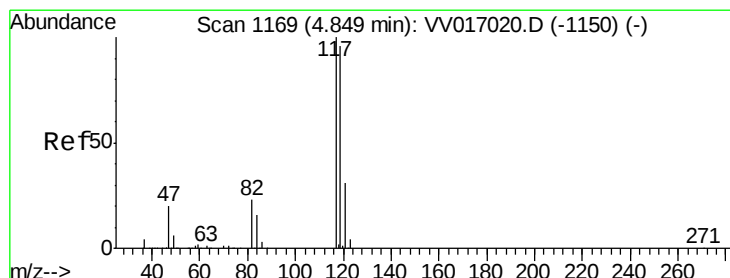
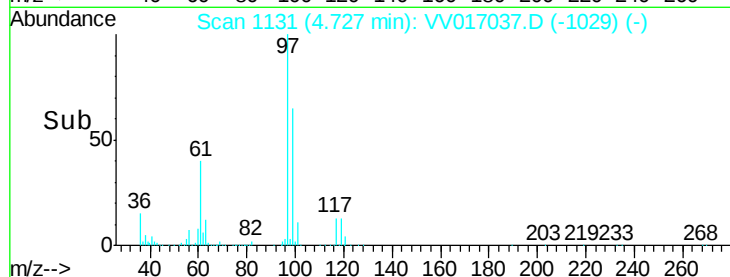
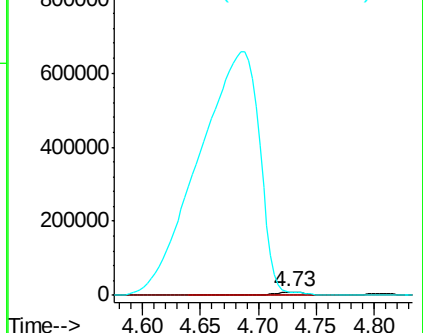
#30
Cyclohexane
Concen: 0.824 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.03 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

Instrument :
MSVOA_V
ClientSampleId :
BFXH6

Tot Ion: 56 Resp: 16820
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 14294.4 69.9 104.9#

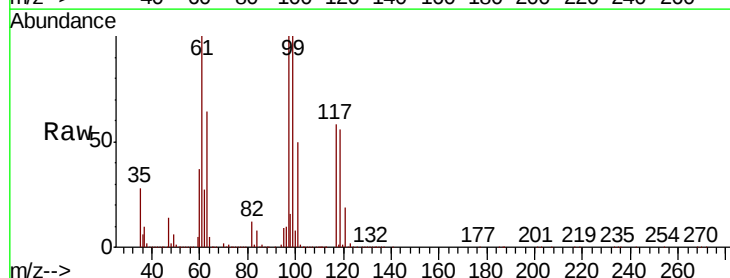


Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

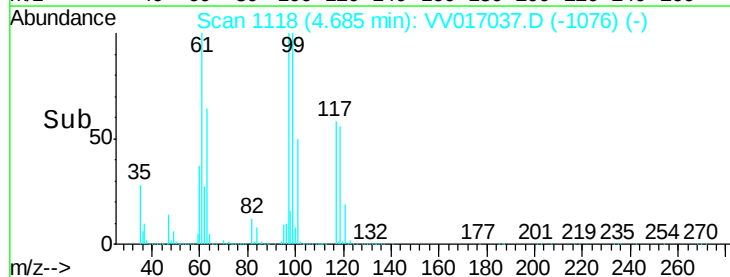
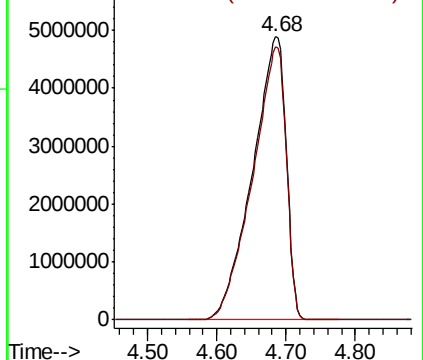


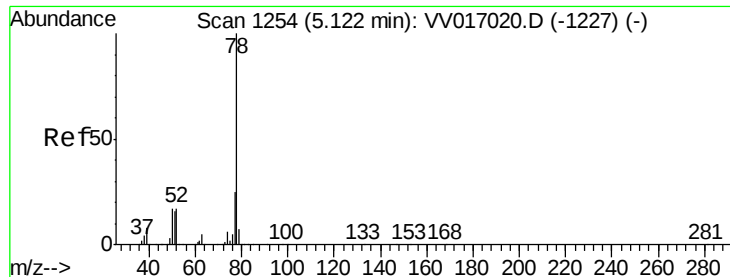
#31
Carbon tetrachloride
Concen: 847.456 ug/L
RT: 4.68 min Scan# 1118
Delta R.T. -0.16 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

Tgt Ion: 117 Resp: 16411202
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V





#33

Benzene

Concen: 1.376 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

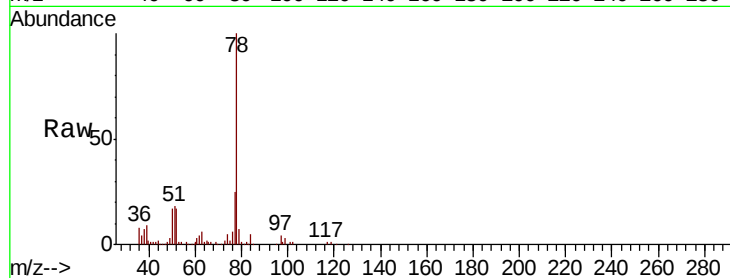
Instrument :

MSVOA_V

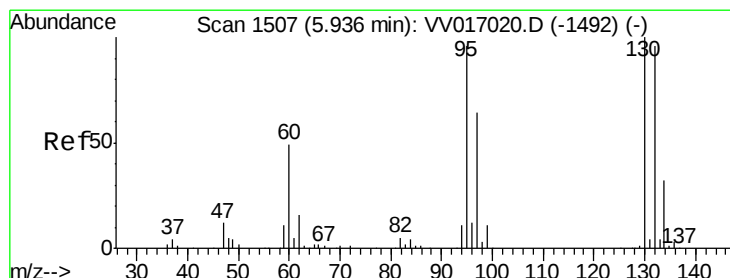
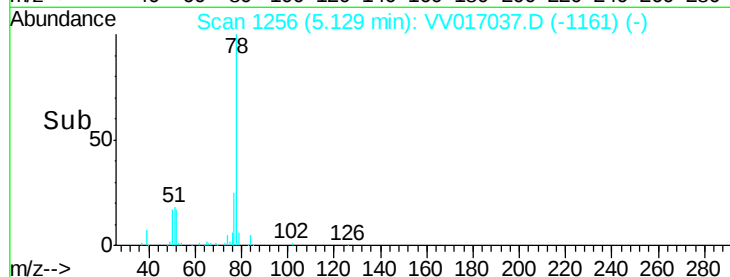
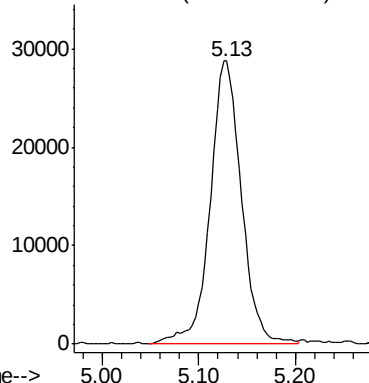
ClientSampleId :

BFXH6

Tgt Ion: 78 Resp: 64562



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 3.011 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Tgt Ion: 95 Resp: 41365

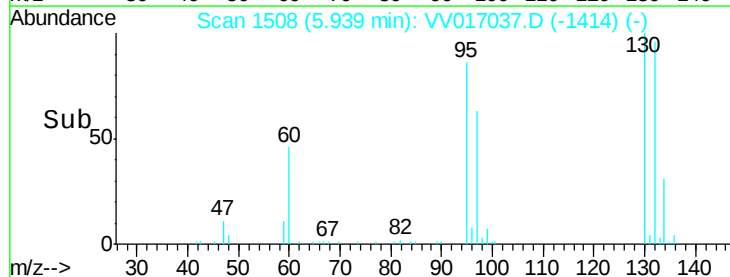
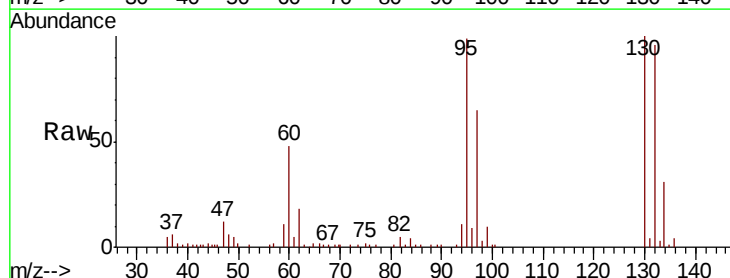
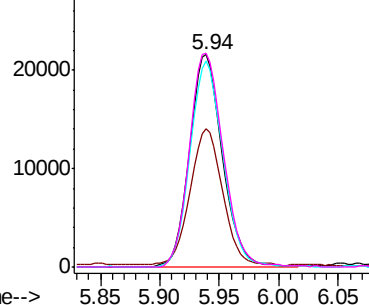
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.3	84.1
132	97.0	68.8	127.8
130	100.7	70.2	130.4

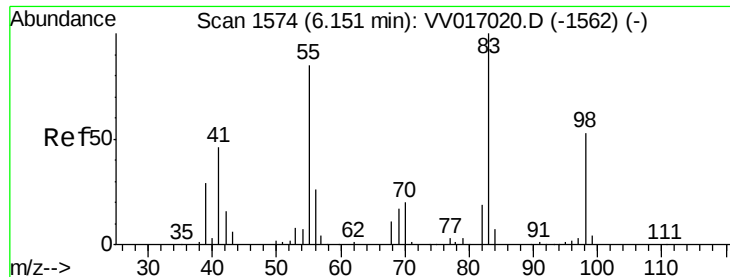
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

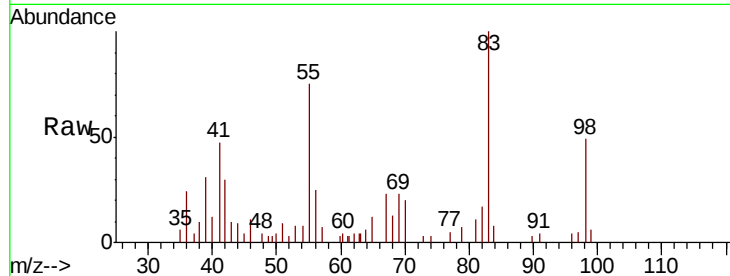




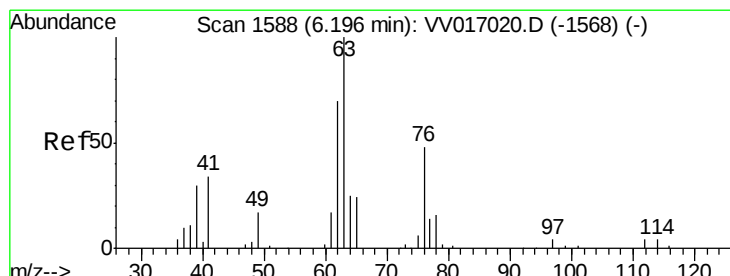
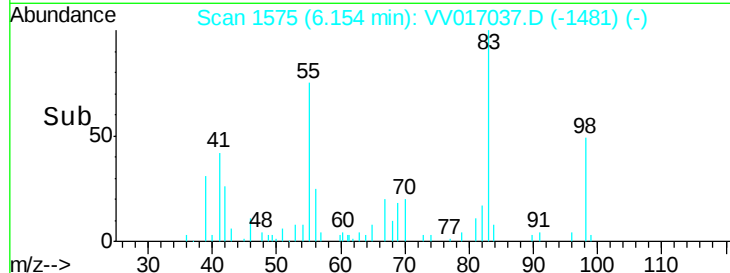
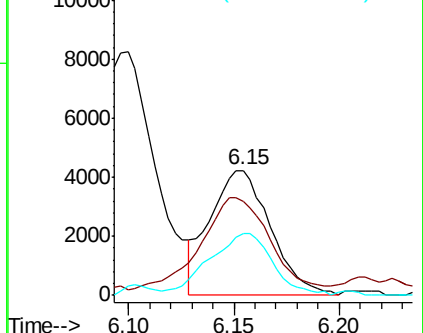
#35
Methvlcvclohexane
Concen: 0.396 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

Instrument :
MSVOA_V
ClientSampled :
BFXH6

Tot Ion: 83 Resp: 8466
Ion Ratio Lower Upper
83 100
55 82.8 63.6 95.4
98 51.8 38.8 58.2

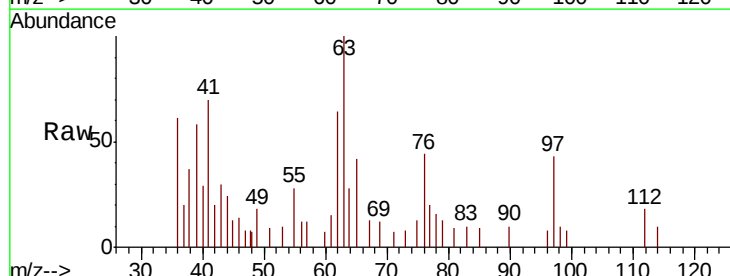


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

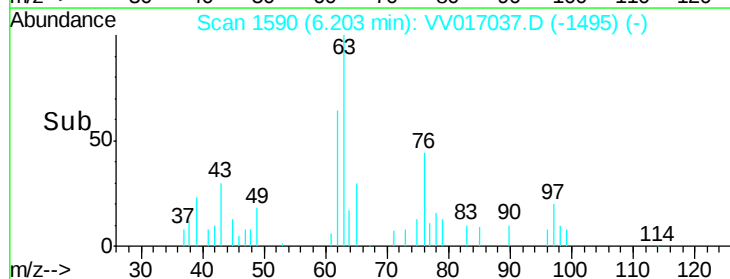
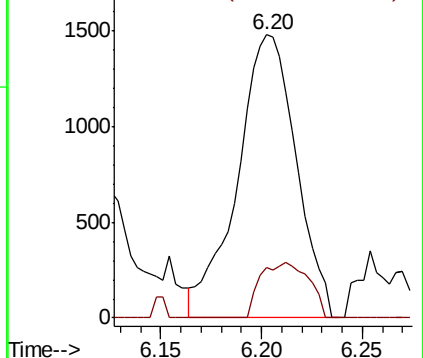


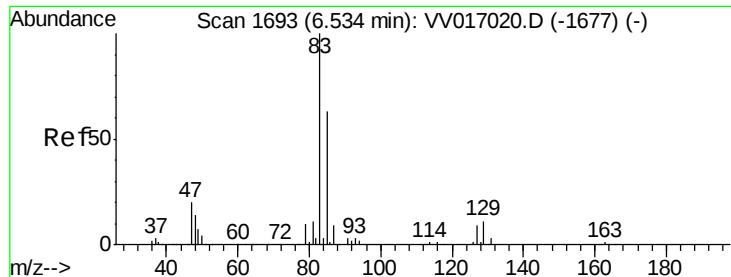
#37
1,2-Dichloropropane
Concen: 0.259 ug/L
RT: 6.20 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

Tgt Ion: 63 Resp: 3009
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 3.610 ug/L

RT: 6.35 min Scan# 1635

Delta R.T. -0.19 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

BFXH6

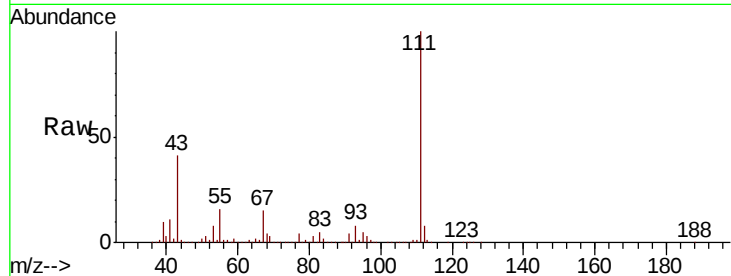
Tot Ion: 83 Resp: 56951

Ion Ratio Lower Upper

83 100

85 5.2 43.4 80.6#

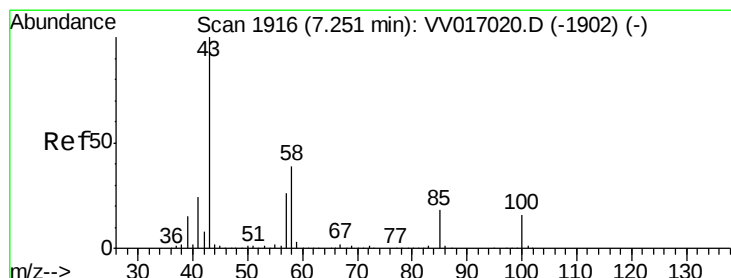
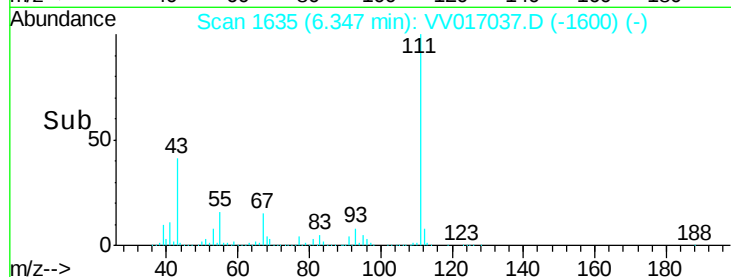
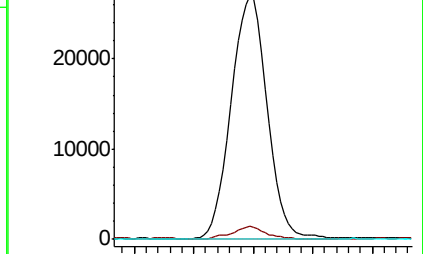
127 0.0 7.9 11.9#



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): VV0



#40

4-Methyl-2-pentanone

Concen: 63.309 ug/L

RT: 7.16 min Scan# 1889

Delta R.T. -0.09 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

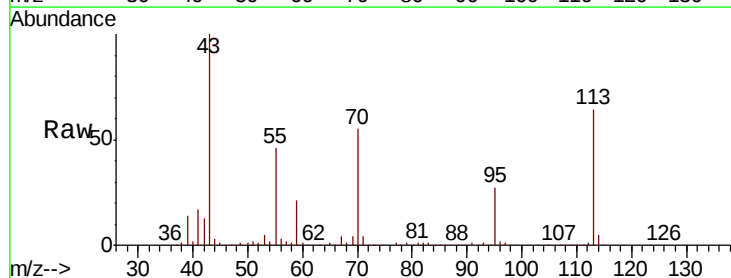
Tgt Ion: 43 Resp: 424487

Ion Ratio Lower Upper

43 100

58 1.5 30.4 45.6#

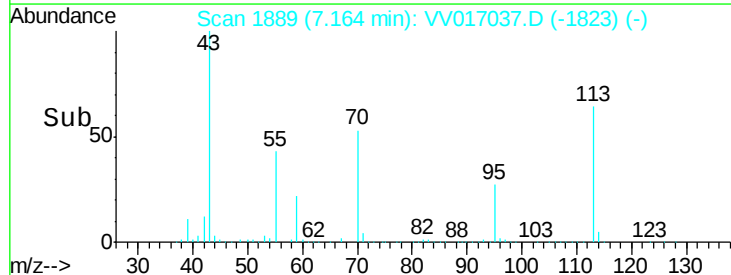
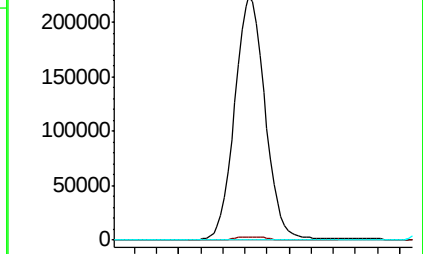
100 0.0 12.7 19.1#

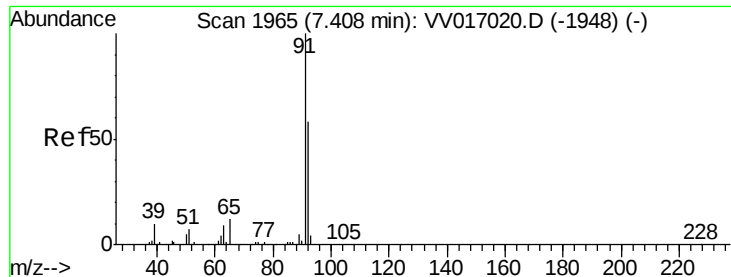


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 2.982 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

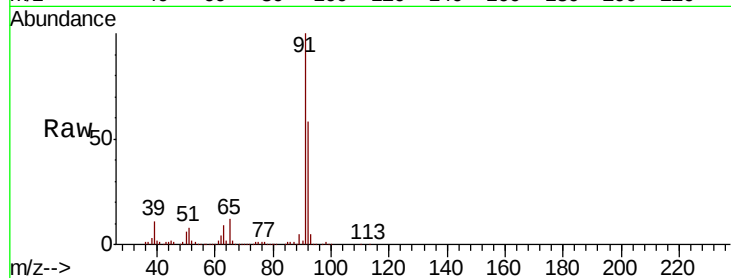
BFXH6

Tot Ion: 91 Resp: 162620

Ion Ratio Lower Upper

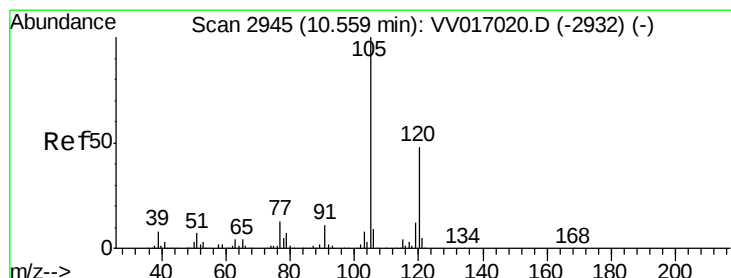
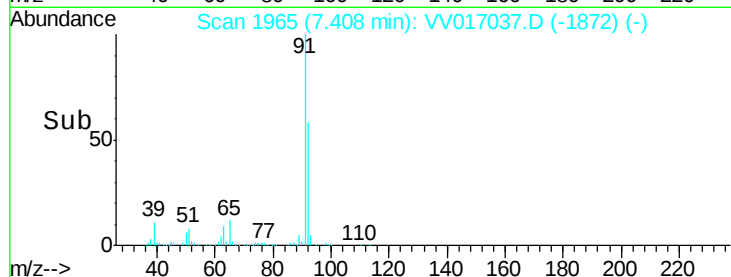
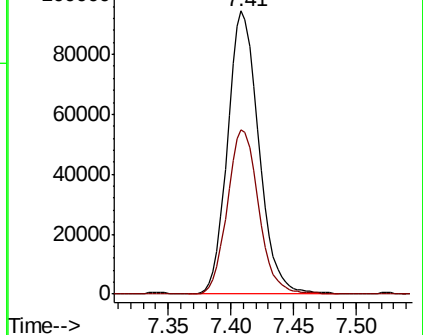
91 100

92 58.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017037.D (-1872) (-)

Ion 92.15 (91.85 to 92.85): VV017037.D (-1872) (-)



#43

1,3,5-Trimethylbenzene

Concen: 0.476 ug/L

RT: 10.56 min Scan# 2946

Delta R.T. 0.00 min

Lab File: VV017037.D

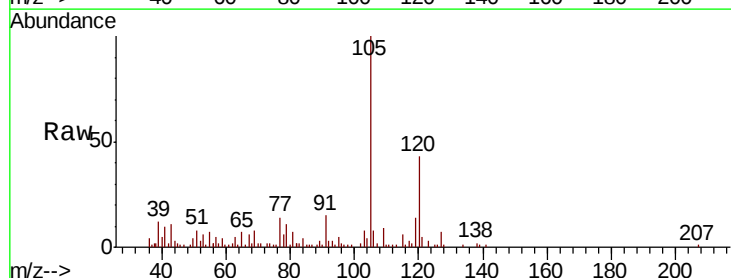
Acq: 22 Jun 2020 23:21

Tgt Ion:105 Resp: 23210

Ion Ratio Lower Upper

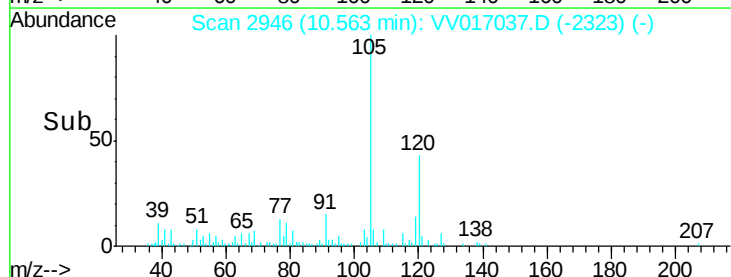
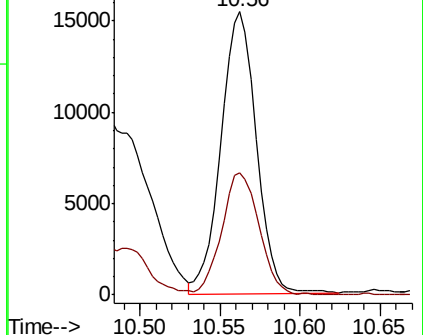
105 100

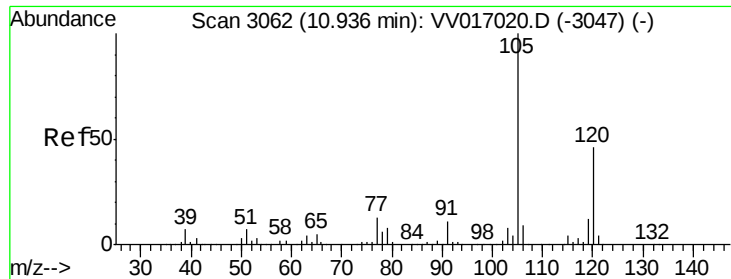
120 45.4 38.6 57.8



Abundance Ion 105.00 (104.70 to 105.70): VV017037.D (-2323) (-)

Ion 120.00 (119.70 to 120.70): VV017037.D (-2323) (-)





#44

1,2,4-Trimethylbenzene

Concen: 1.041 ug/L

RT: 10.94 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

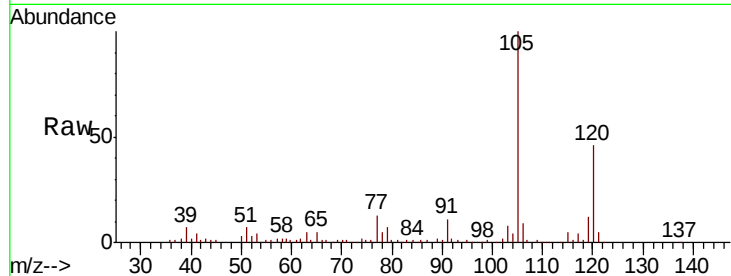
BFXH6

Tot Ion:105 Resp: 51694

Ion Ratio Lower Upper

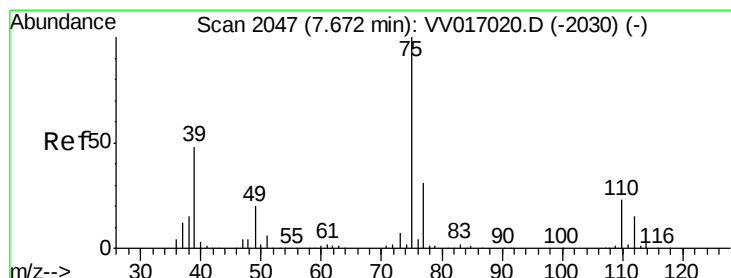
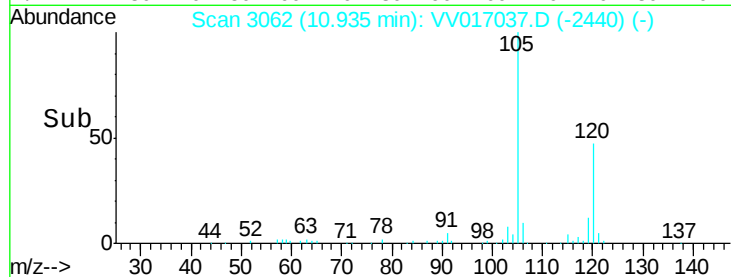
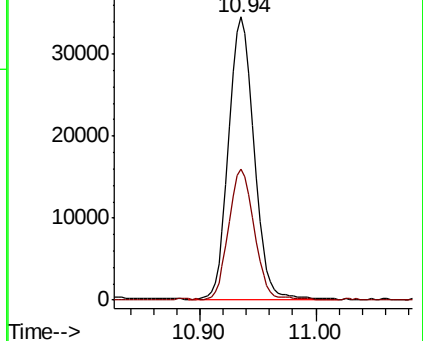
105 100

120 47.3 35.8 53.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV017037.D

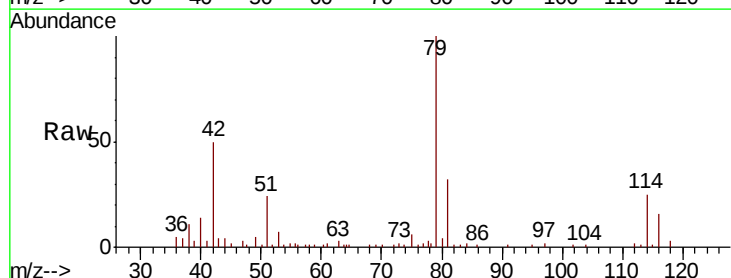
Acq: 22 Jun 2020 23:21

Tgt Ion: 75 Resp: 1396

Ion Ratio Lower Upper

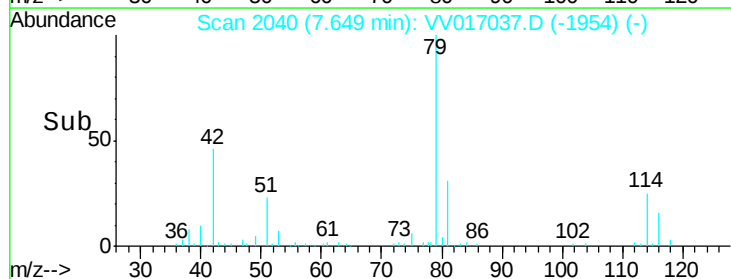
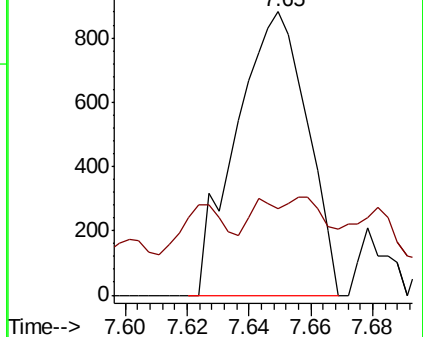
75 100

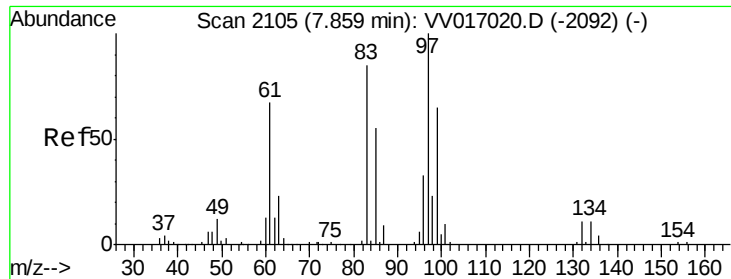
77 30.5 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

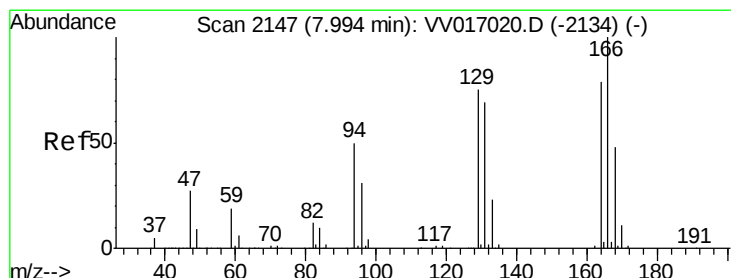
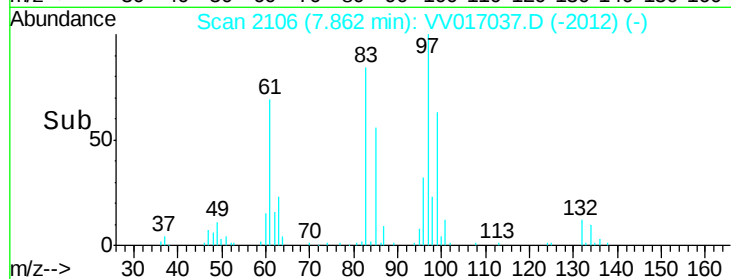
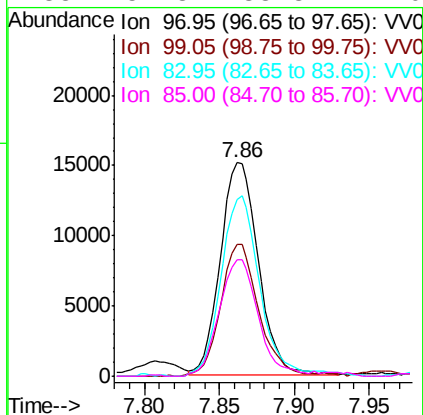
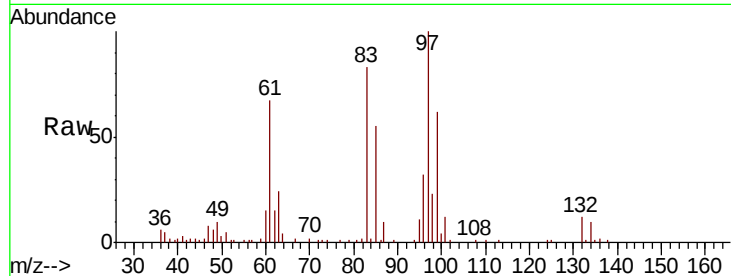




#47
 1,1,2-Trichloroethane
 Concen: 3.255 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV017037.D
 Acq: 22 Jun 2020 23:21

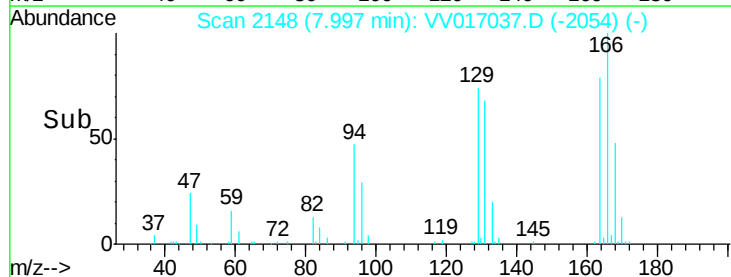
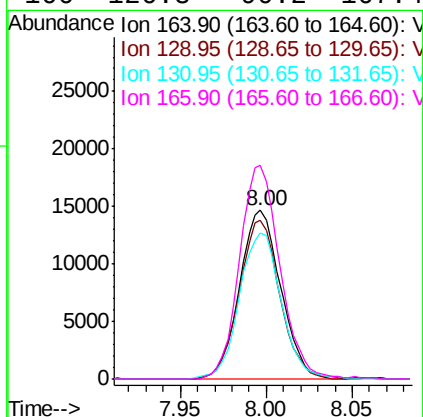
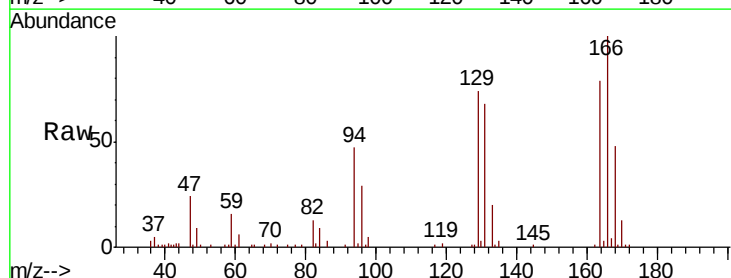
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6

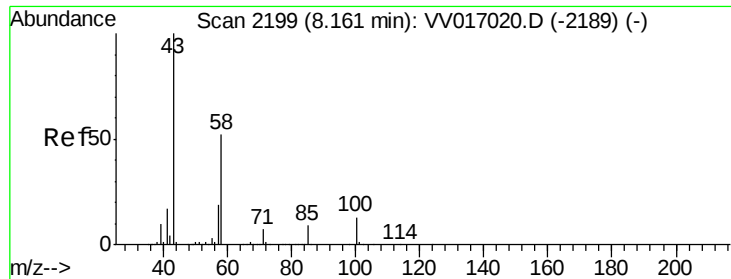
Tot Ion:	97	Resp:	26809
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.6	81.0
83	82.7	57.4	106.6
85	54.8	38.8	72.0



#49
 Tetrachloroethene
 Concen: 2.209 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV017037.D
 Acq: 22 Jun 2020 23:21

Tgt Ion:	164	Resp:	24428
Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.2	121.0
131	86.5	64.1	119.1
166	126.8	90.2	167.4

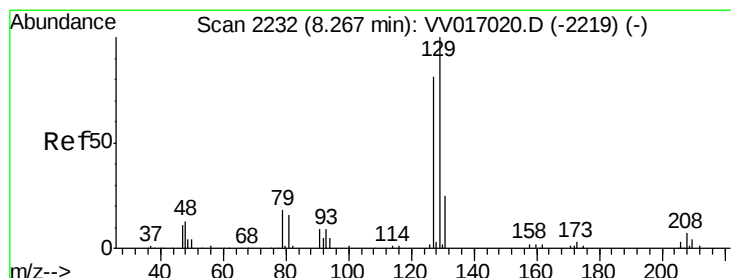
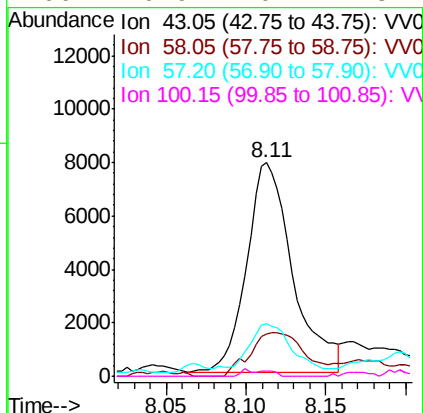
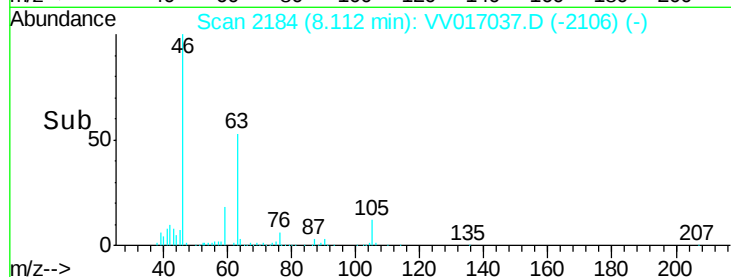
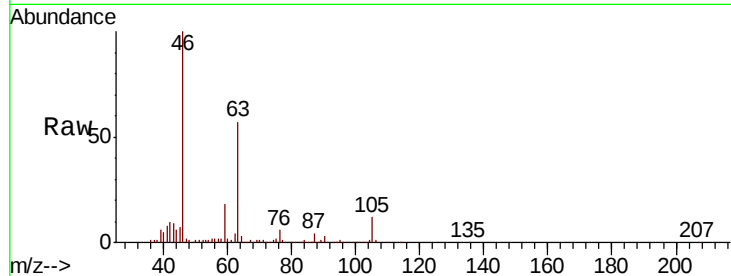




#50
2-Hexanone
Concen: 3.262 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

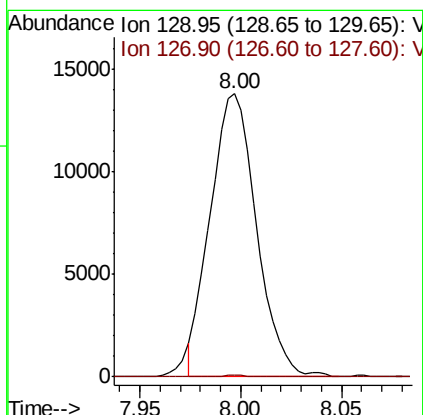
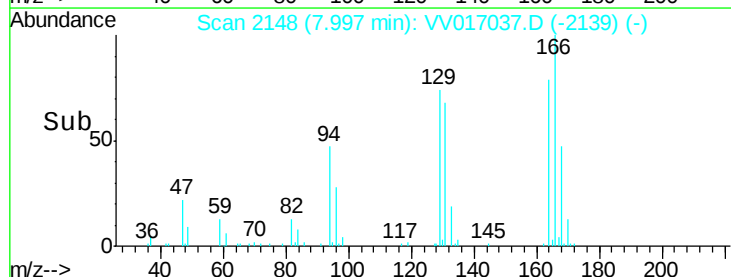
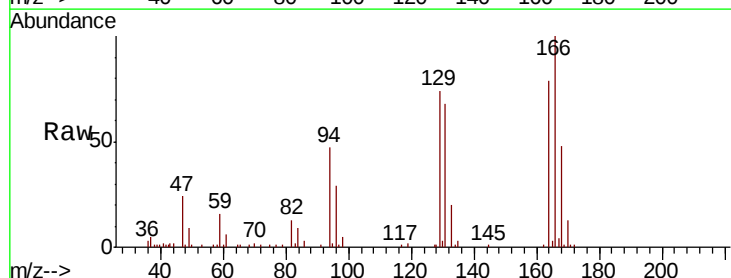
Instrument :
MSVOA_V
ClientSampled :
BFXH6

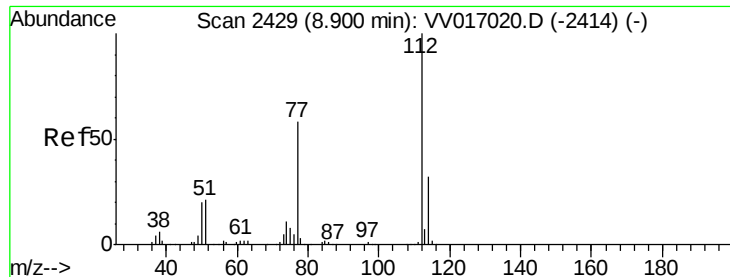
Tot Ion: 43 Resp: 15564
Ion Ratio Lower Upper
43 100
58 24.6 41.6 62.4#
57 22.4 15.4 23.0
100 0.9 10.1 15.1#



#51
Dibromochloromethane
Concen: 2.196 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017037.D
Acq: 22 Jun 2020 23:21

Tgt Ion: 129 Resp: 21921
Ion Ratio Lower Upper
129 100
127 0.8 54.1 100.5#





#53

Chlorobenzene

Concen: 12.252 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

BFXH6

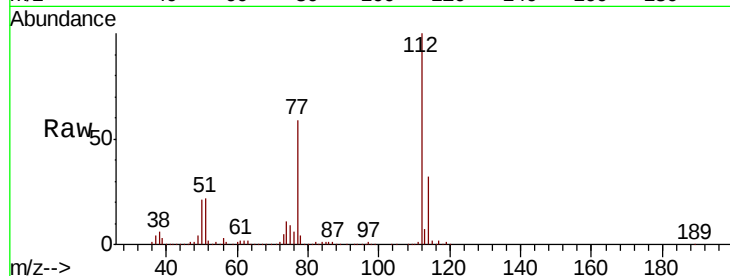
Tot Ion:112 Resp: 416574

Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

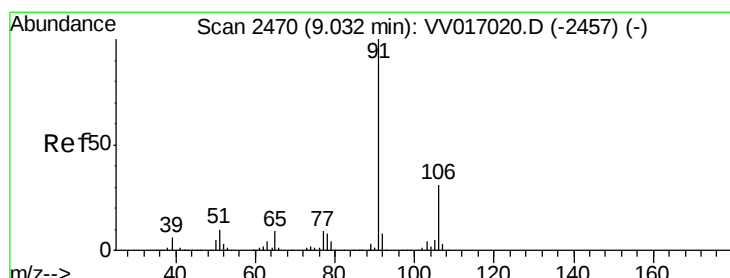
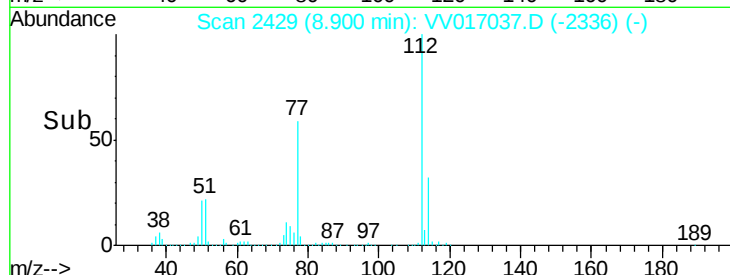
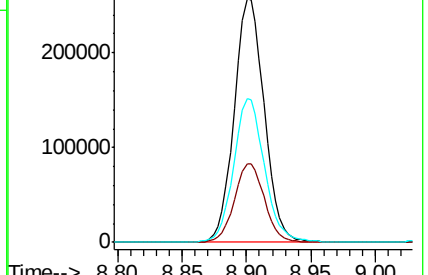
77 59.3 46.0 69.0



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): V



#54

Ethylbenzene

Concen: 0.442 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017037.D

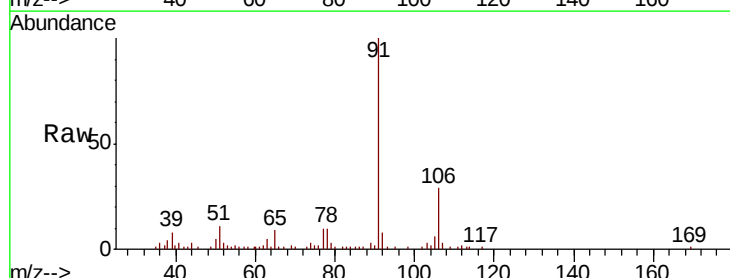
Acq: 22 Jun 2020 23:21

Tgt Ion: 91 Resp: 25715

Ion Ratio Lower Upper

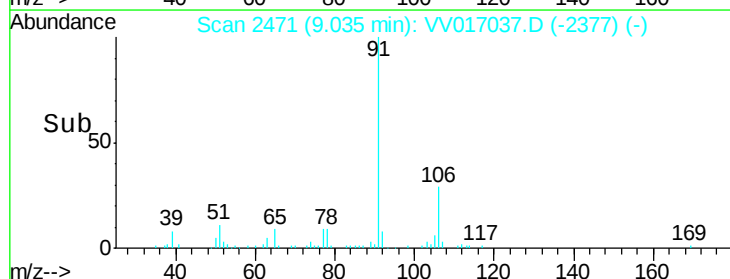
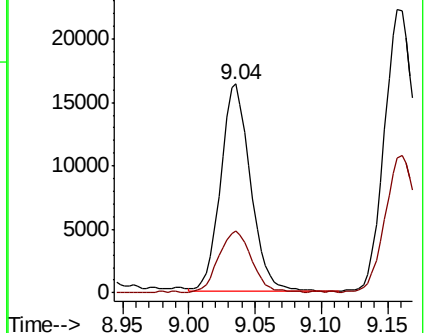
91 100

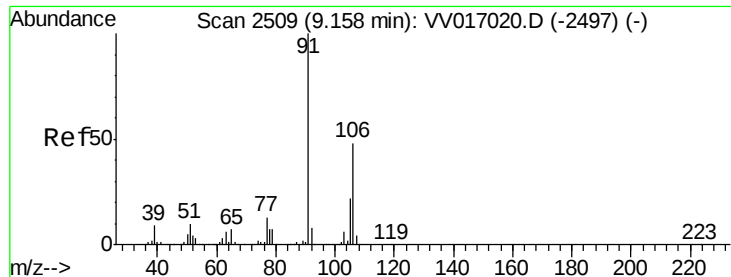
106 29.4 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.810 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampled :

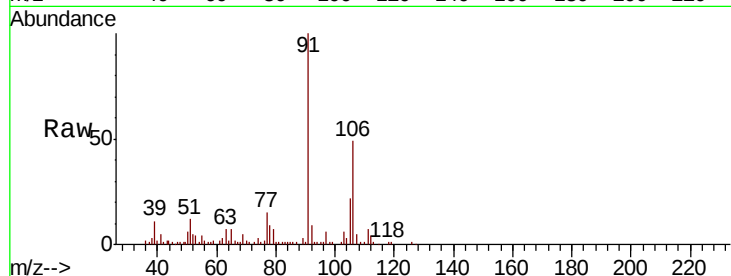
BFXH6

Tot Ion:106 Resp: 18496

Ion Ratio Lower Upper

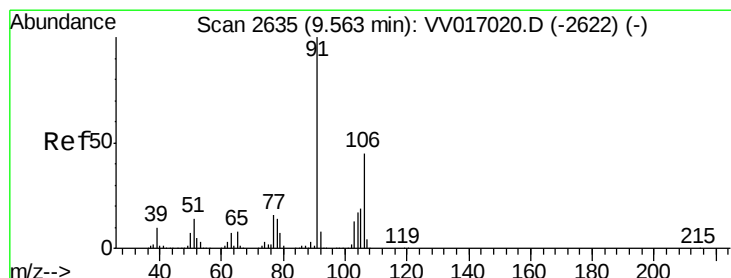
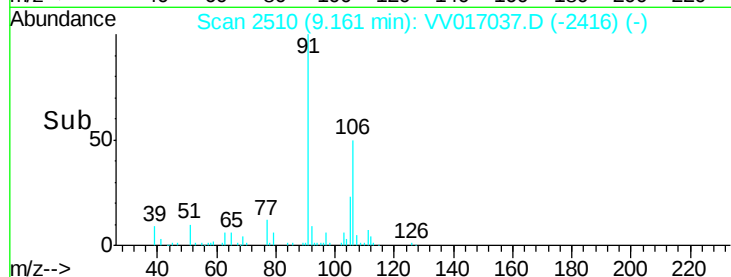
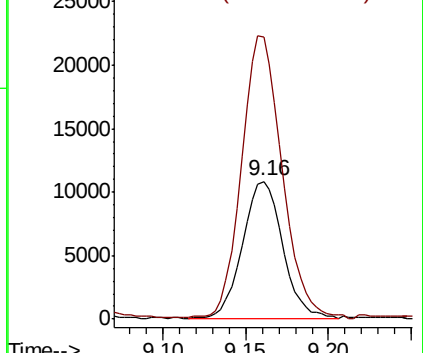
106 100

91 203.9 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 1.196 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV017037.D

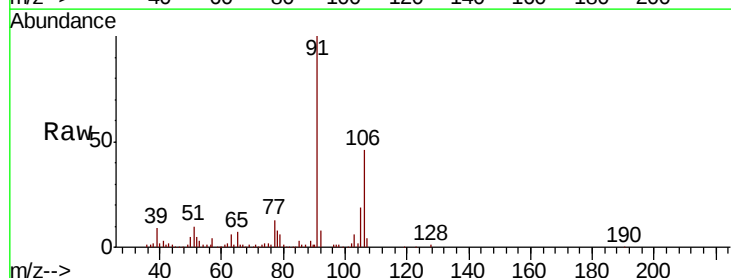
Acq: 22 Jun 2020 23:21

Tgt Ion:106 Resp: 25487

Ion Ratio Lower Upper

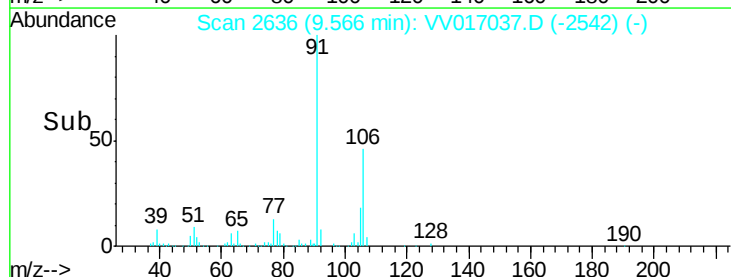
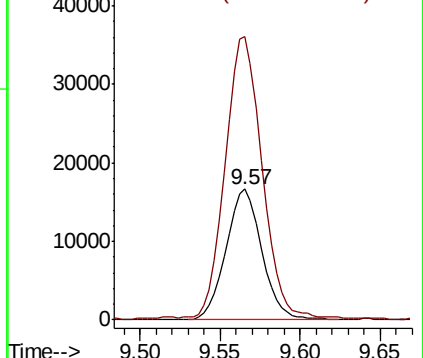
106 100

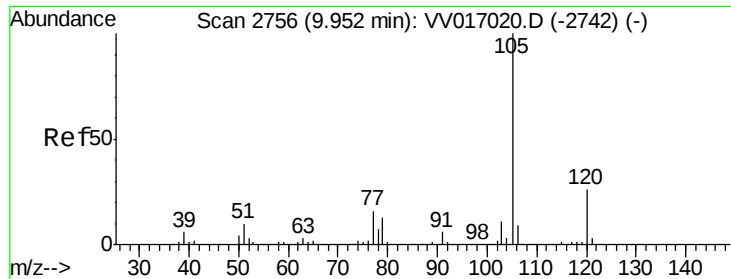
91 216.6 153.6 285.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#58

Isopropylbenzene

Concen: 0.332 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

BFXH6

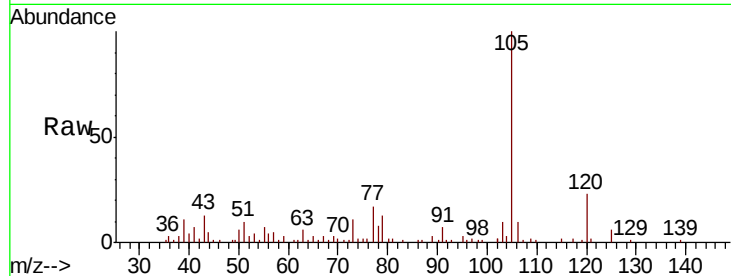
Tot Ion:105 Resp: 19491

Ion Ratio Lower Upper

105 100

120 25.0 21.2 31.8

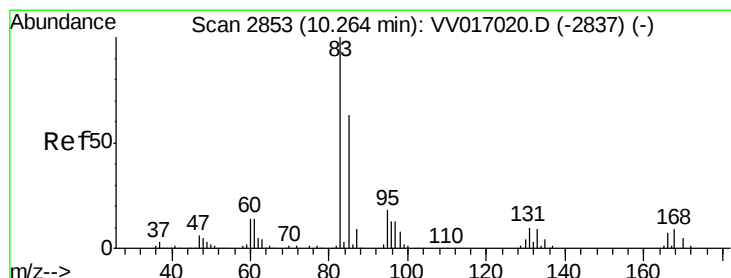
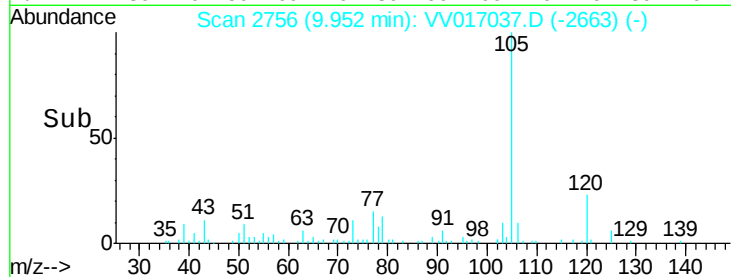
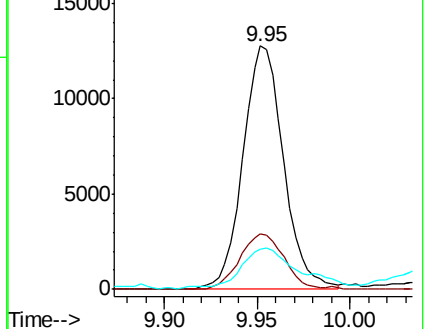
77 20.9 13.0 19.4#



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): V



#60

1,1,2,2-Tetrachloroethane

Concen: 1.226 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

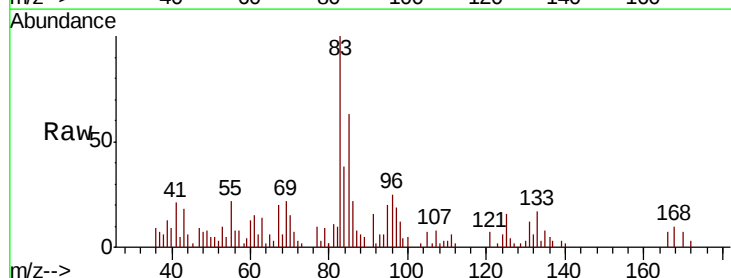
Tgt Ion: 83 Resp: 10442

Ion Ratio Lower Upper

83 100

85 62.5 42.9 79.7

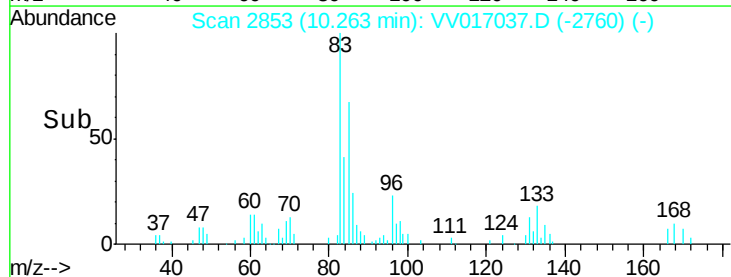
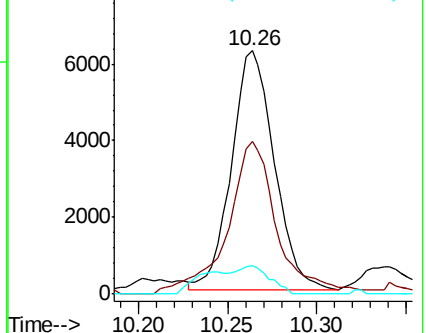
131 11.6 8.6 13.0

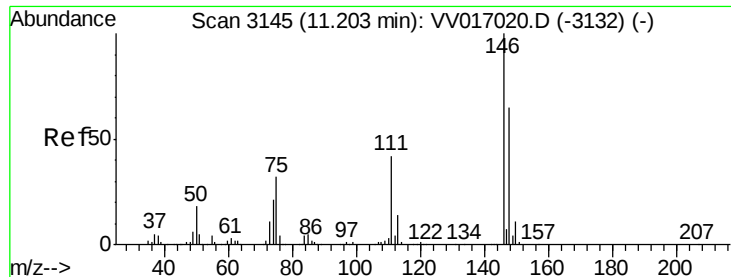


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

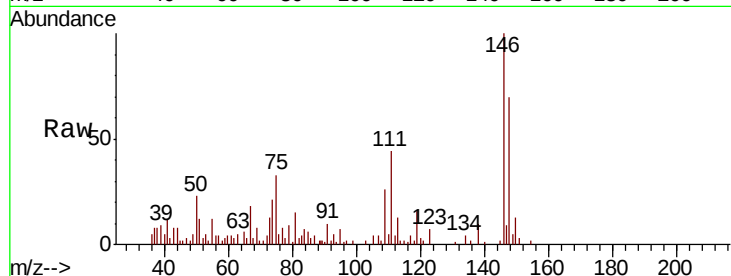




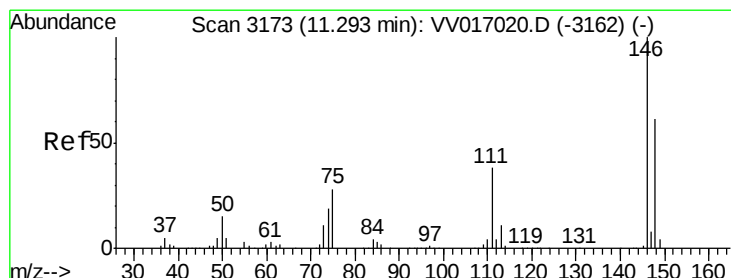
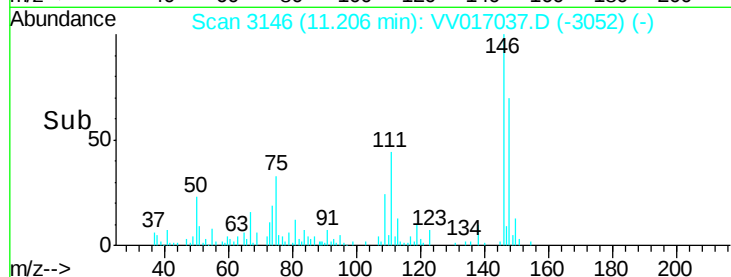
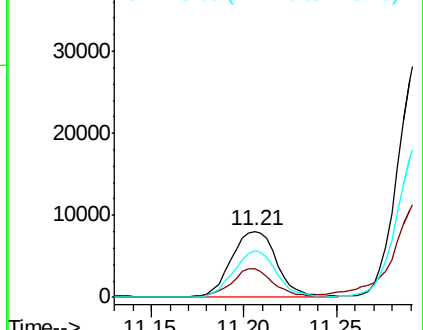
#63
 1,3-Dichlorobenzene
 Concen: 0.503 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV017037.D
 Acq: 22 Jun 2020 23:21

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6

Tot Ion:146 Resp: 13794
 Ion Ratio Lower Upper
 146 100
 111 44.3 29.2 54.2
 148 70.5 44.9 83.5

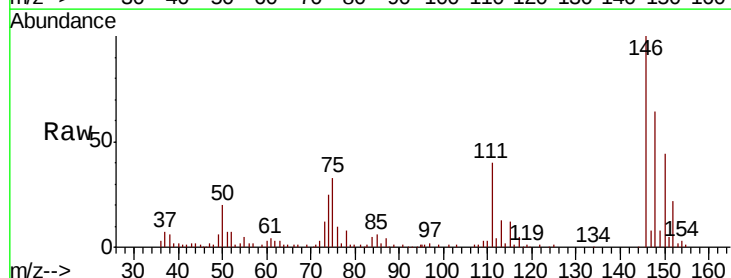


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

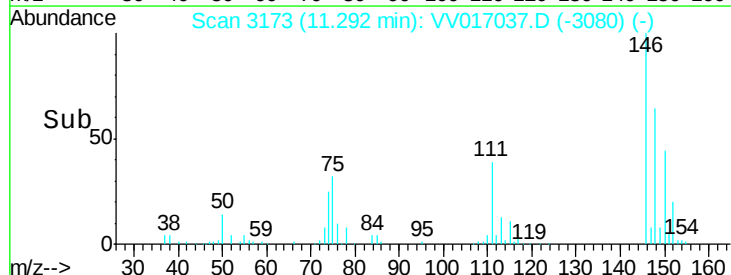
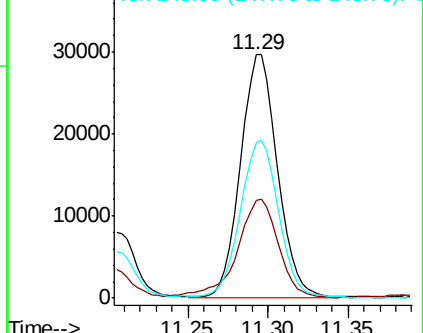


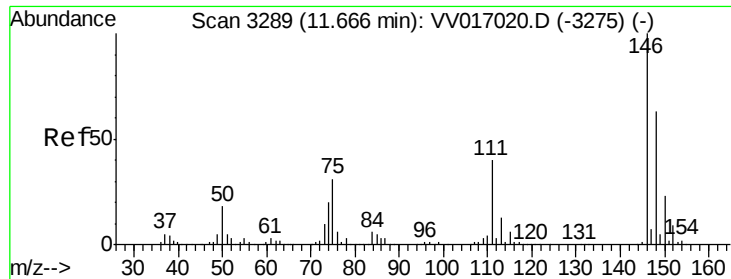
#64
 1,4-Dichlorobenzene
 Concen: 1.686 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV017037.D
 Acq: 22 Jun 2020 23:21

Tgt Ion:146 Resp: 46967
 Ion Ratio Lower Upper
 146 100
 111 40.2 27.4 50.8
 148 63.8 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: 8.050 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

Instrument :

MSVOA_V

ClientSampleId :

BFXH6

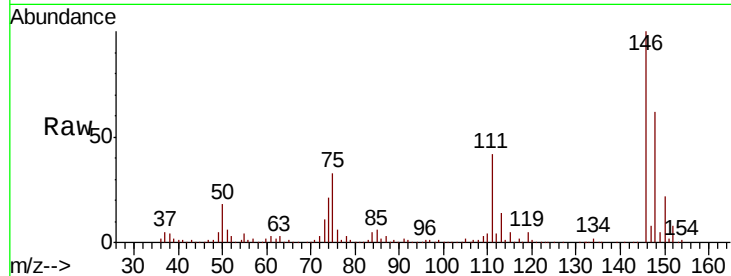
Tot Ion:146 Resp: 200241

Ion Ratio Lower Upper

146 100

111 41.6 34.4 51.6

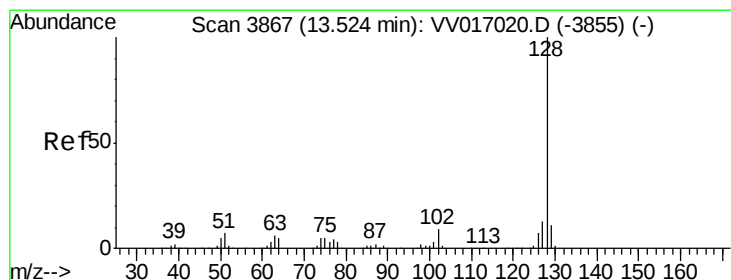
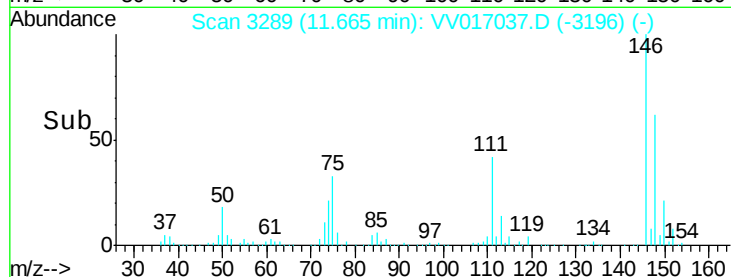
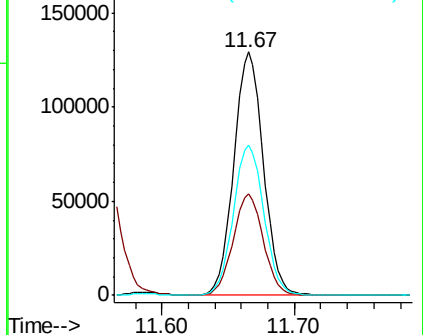
148 61.8 49.9 74.9



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: 0.553 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV017037.D

Acq: 22 Jun 2020 23:21

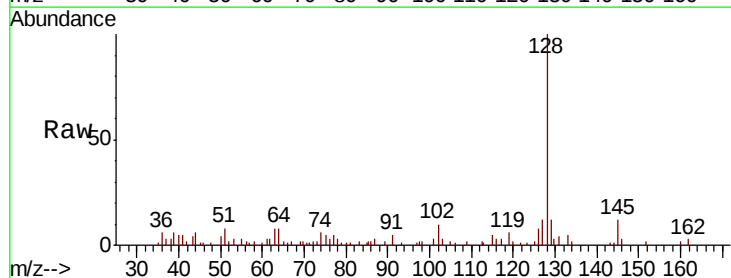
Tgt Ion:128 Resp: 14159

Ion Ratio Lower Upper

128 100

129 14.3 8.8 13.2#

127 16.8 10.5 15.7#



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

