

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013204.D
 Acq On : 24 Oct 2019 12:04
 Operator : JC/SP
 Sample : K5531-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

Quant Time: Oct 25 01:18:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	77787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	113933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	113266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	72595	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	83750	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
35) Dibromofluoromethane	5.49	113	63542	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	8.71	98	237073	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.14	95	89296	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	351	0.224	ug/l	83
3) Chloromethane	1.32	50	858	1.628	ug/l #	84
4) Vinyl Chloride	1.40	62	292	0.207	ug/l #	83
5) Bromomethane	1.64	94	430	0.574	ug/l #	70
6) Chloroethane	1.70	64	193	Below Cal	#	43
7) Trichlorofluoromethane	1.92	101	502	0.522	ug/l #	63
10) Methyl Iodide	2.51	142	583	3.852	ug/l #	93
11) Tert butyl alcohol	3.01	59	726	0.999	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	878	0.663	ug/l #	77
15) Acrylonitrile	3.14	53	194	0.271	ug/l #	48
16) Acetone	2.44	43	2199	2.869	ug/l	90
17) Carbon Disulfide	2.56	76	1532	0.430	ug/l #	91
18) Methyl Acetate	2.76	43	271	1.128	ug/l #	49
20) Methylene Chloride	2.86	84	479	0.621	ug/l	85
21) trans-1,2-Dichloroethene	3.17	96	373	0.744	ug/l #	80
24) 1,1-Dichloroethane	3.69	63	4208	1.677	ug/l	99
25) 2-Butanone	4.68	43	377	0.367	ug/l #	45
27) cis-1,2-Dichloroethene	4.59	96	2621	1.615	ug/l	83
30) Chloroform	5.20	83	965	0.361	ug/l	85
32) 1,1,1-Trichloroethane	5.49	97	848	0.357	ug/l #	45
38) Carbon Tetrachloride	5.78	117	436	0.207	ug/l #	41
42) 1,2-Dichloroethane	6.18	62	2674	1.239	ug/l	99
44) Trichloroethene	7.21	130	1243	0.765	ug/l	83
51) 4-Methyl-2-Pentanone	8.64	43	625	0.325	ug/l #	80
52) Toluene	8.78	92	958	0.253	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	431	0.202	ug/l #	44
59) 2-Hexanone	9.50	43	522	0.353	ug/l	95
61) 1,2-Dibromoethane	9.67	107	432	0.271	ug/l	96
64) Tetrachloroethene	9.33	164	709	Below Cal	#	88
65) Chlorobenzene	10.13	112	1191	0.300	ug/l #	80
68) m/p-Xylenes	10.36	106	978	0.365	ug/l	84
70) Styrene	10.71	104	994	0.224	ug/l	89
73) Isopropylbenzene	11.01	105	1409	0.214	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	44064	25.184	ug/l #	39

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013204.D
 Acq On : 24 Oct 2019 12:04
 Operator : JC/SP
 Sample : K5531-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

Quant Time: Oct 25 01:18:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

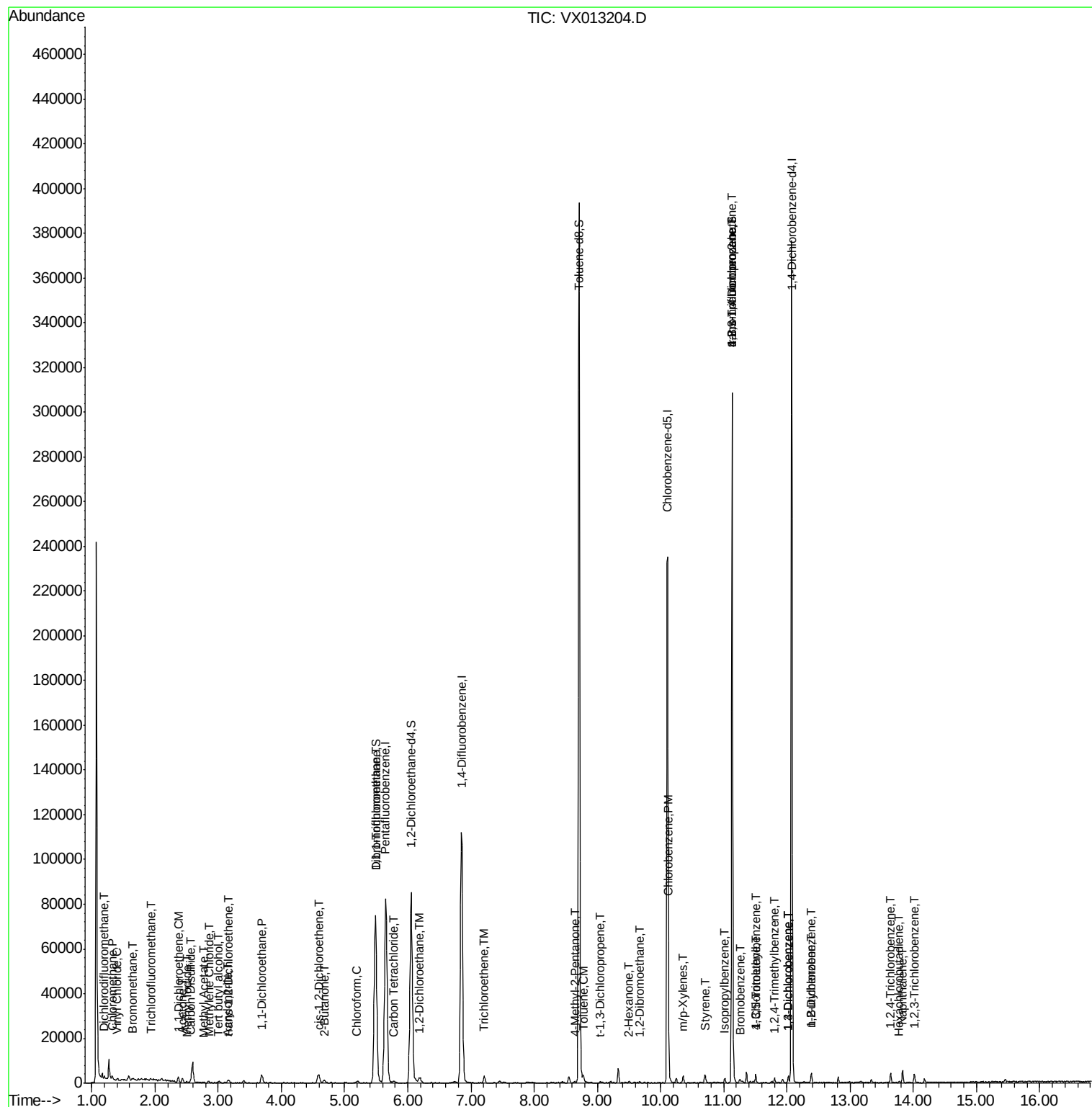
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Bromobenzene	11.25	156	334	0.211	ug/l	80
80) 1,3,5-Trimethylbenzene	11.50	105	1221	0.223	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.14	75	44064	69.205	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1240	0.242	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1387	0.251	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1263	0.442	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	1263	0.435	ug/l	94
89) n-Butylbenzene	12.39	91	1105	0.233	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	988	0.352	ug/l	91
93) 1,2,4-Trichlorobenzene	13.64	180	1220	0.690	ug/l	96
94) Hexachlorobutadiene	13.78	225	275	0.301	ug/l #	74
95) Naphthalene	13.83	128	3722	0.686	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	1003	0.574	ug/l	93

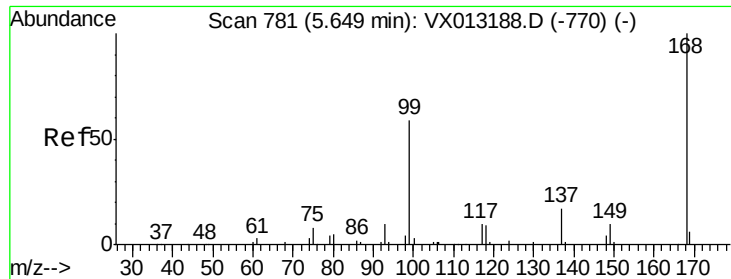
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102519\
Data File : VX013204.D
Acq On : 24 Oct 2019 12:04
Operator : JC/SP
Sample : K5531-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

Quant Time: Oct 25 01:18:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

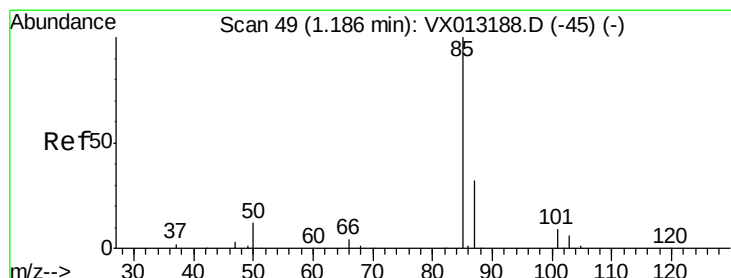
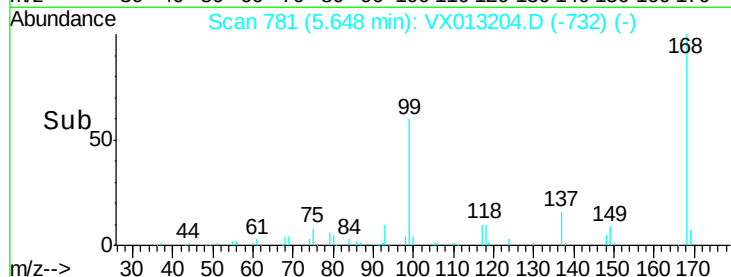
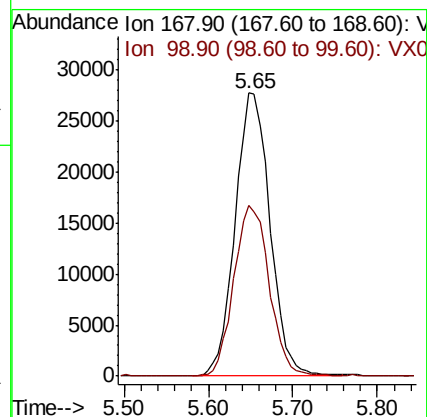
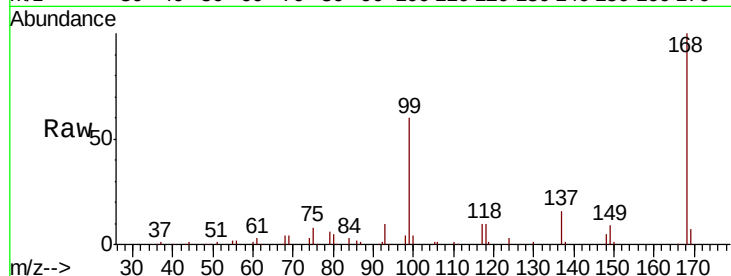




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

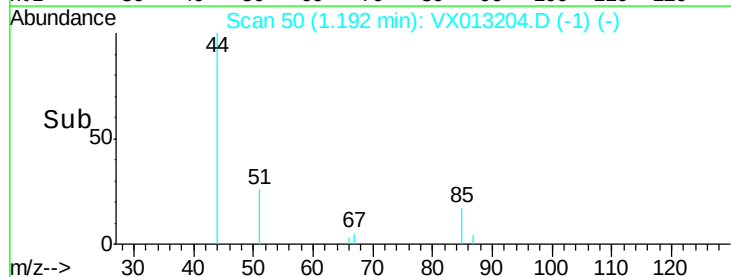
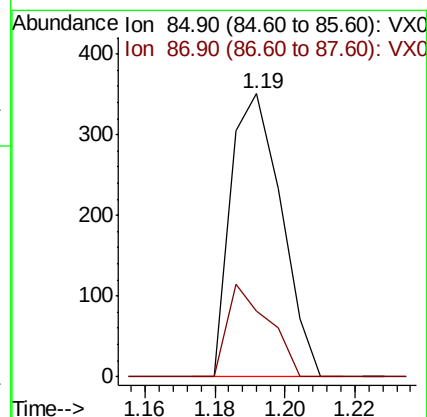
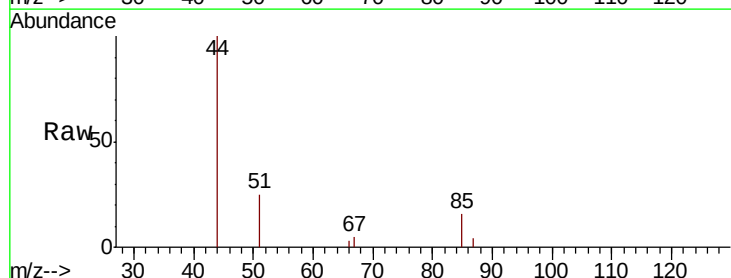
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

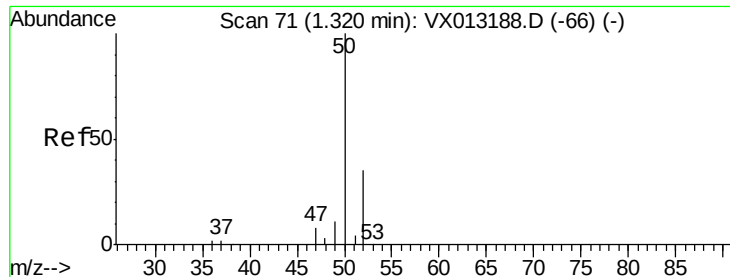
Tot Ion:168 Resp: 77787
Ion Ratio Lower Upper
168 100
99 60.2 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 0.224 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion: 85 Resp: 351
Ion Ratio Lower Upper
85 100
87 23.1 16.2 48.6





#3

Chloromethane

Concen: 1.628 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

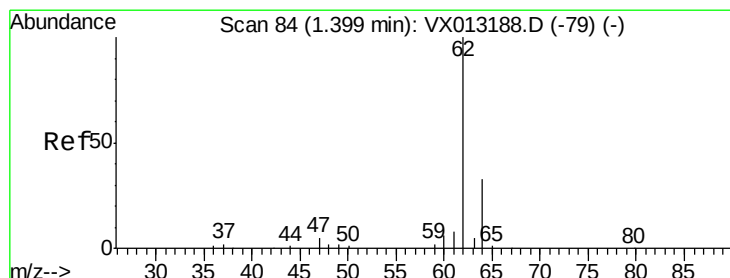
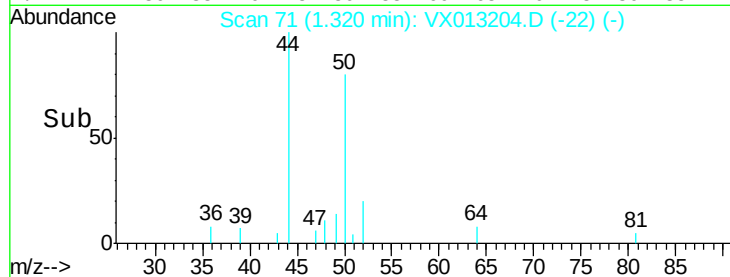
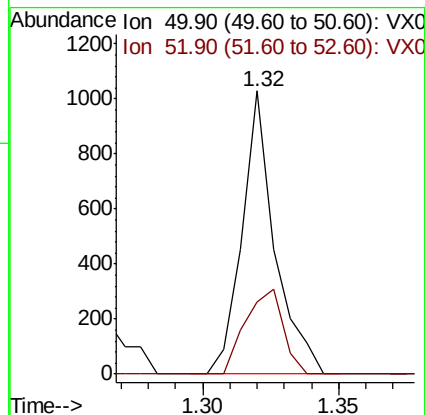
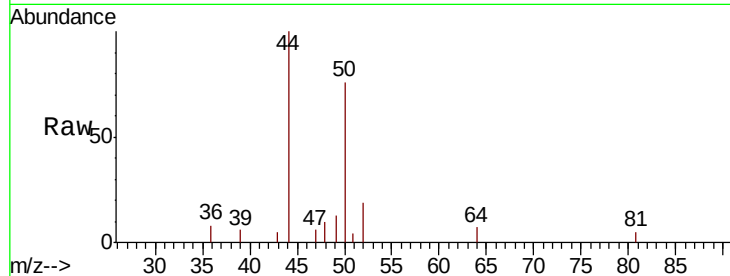
BP-TT-MW203D2-GW-20191021

Tot Ion: 50 Resp: 858

Ion Ratio Lower Upper

50 100

52 25.3 27.8 41.6#



#4

Vinyl Chloride

Concen: 0.207 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013204.D

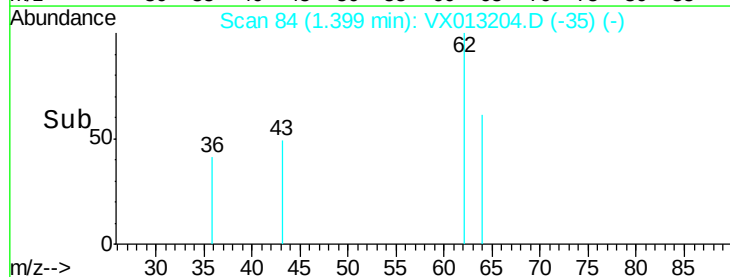
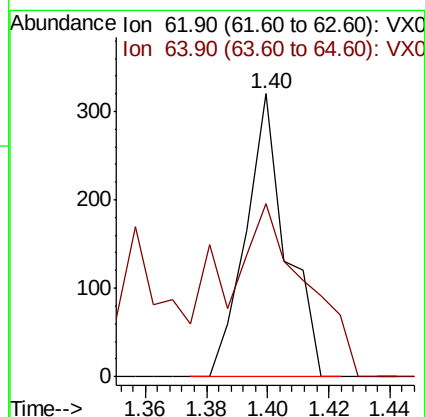
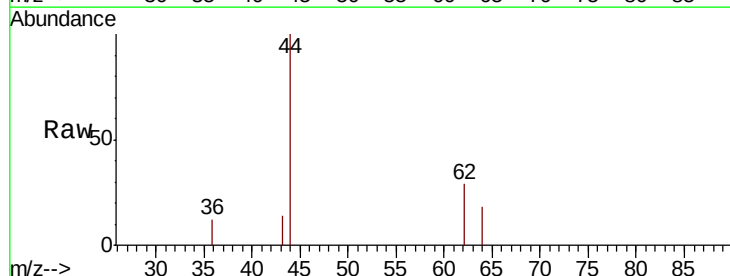
Acq: 24 Oct 2019 12:04

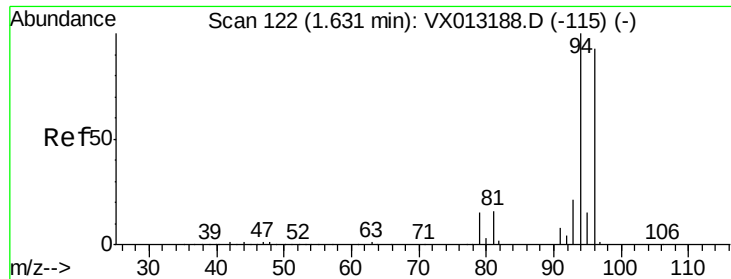
Tgt Ion: 62 Resp: 292

Ion Ratio Lower Upper

62 100

64 42.5 26.4 39.6#





#5

Bromomethane

Concen: 0.574 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

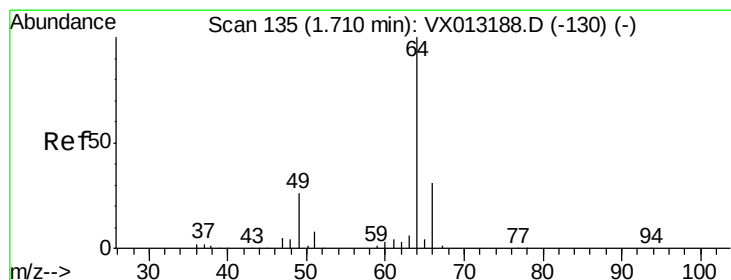
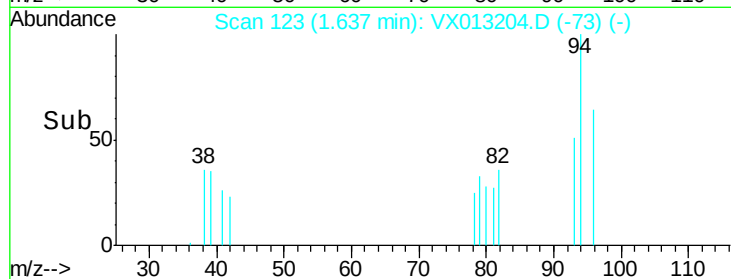
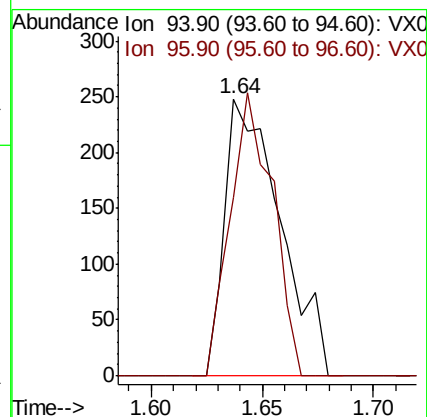
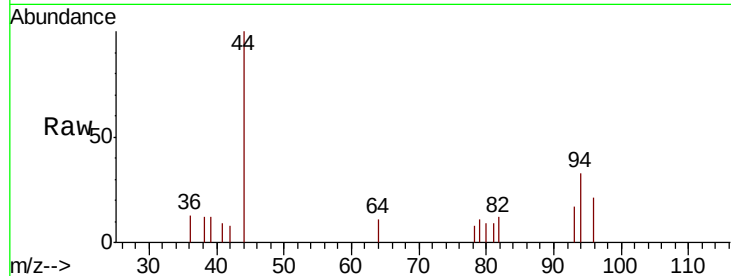
BP-TT-MW203D2-GW-20191021

Tot Ion: 94 Resp: 430

Ion Ratio Lower Upper

94 100

96 64.1 74.2 111.2#



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013204.D

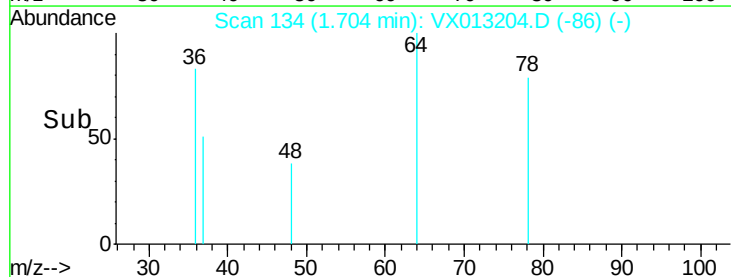
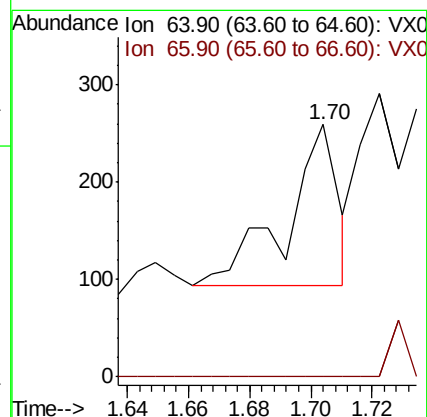
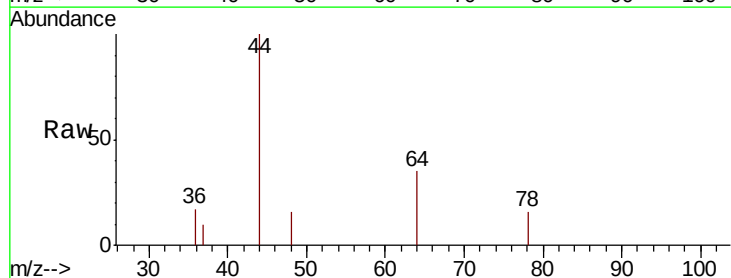
Acq: 24 Oct 2019 12:04

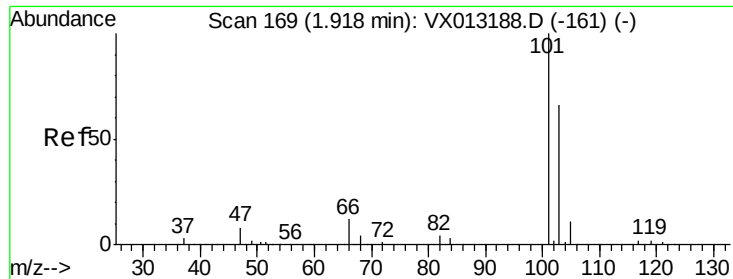
Tgt Ion: 64 Resp: 193

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



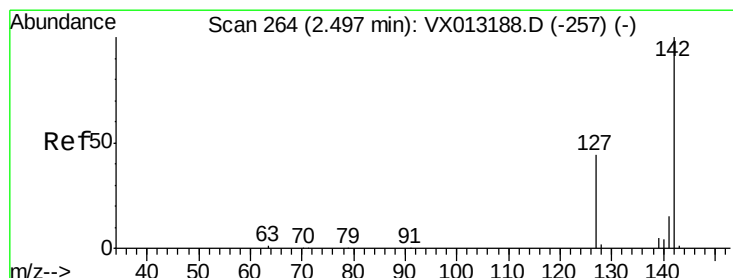
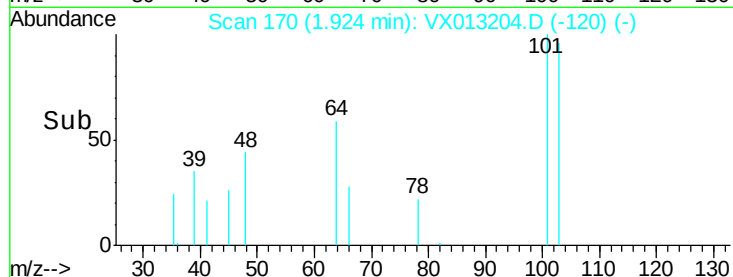
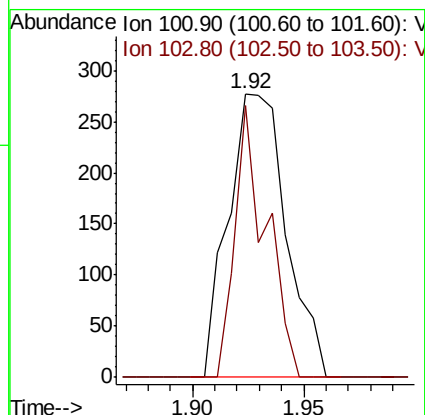
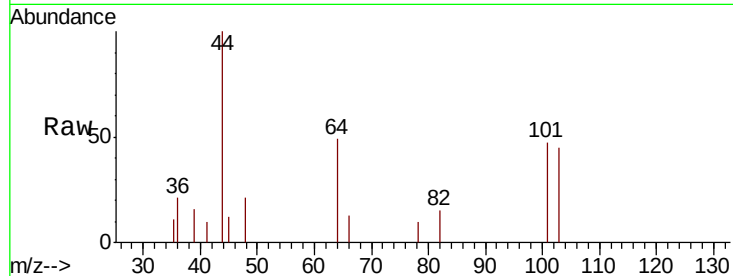


#7

Trichlorofluoromethane
Concen: 0.522 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

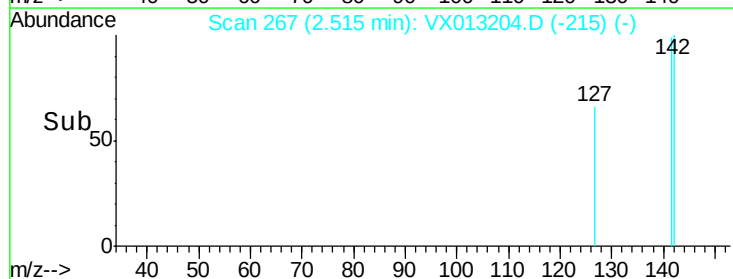
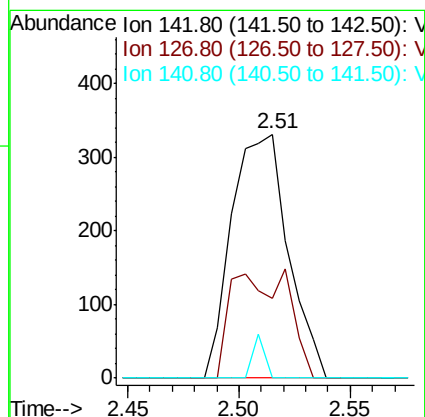
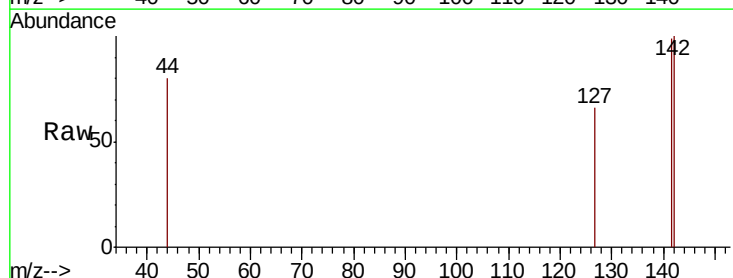
Tot Ion:101 Resp: 502
Ion Ratio Lower Upper
101 100
103 95.7 53.0 79.6#

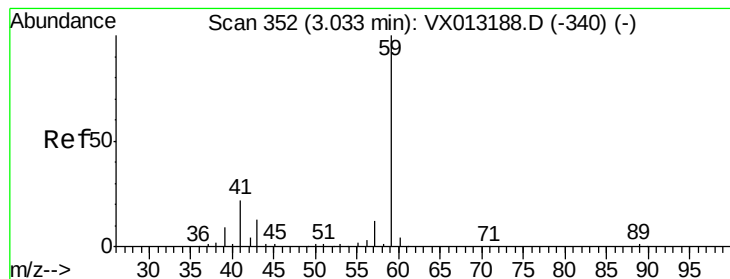


#10

Methyl Iodide
Concen: 3.852 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion:142 Resp: 583
Ion Ratio Lower Upper
142 100
127 44.3 35.6 53.4
141 3.8 11.6 17.4#



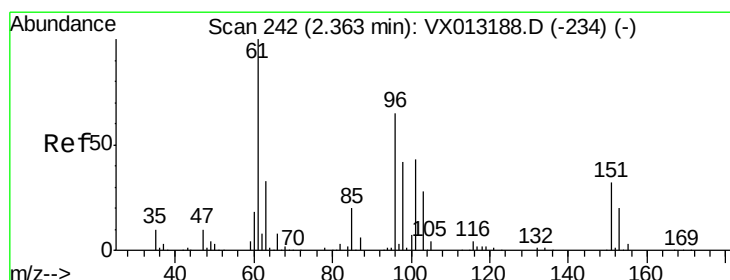
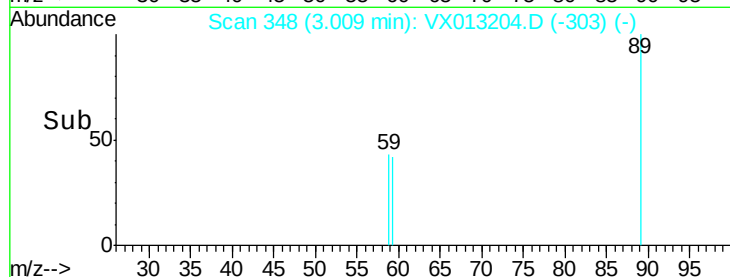
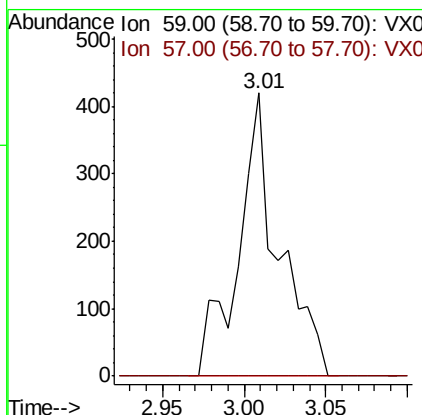
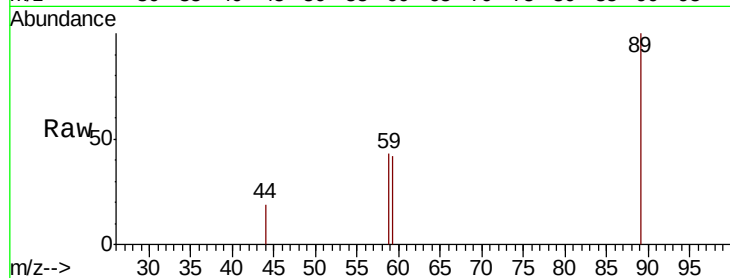


#11

Tert butyl alcohol
Concen: 0.999 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

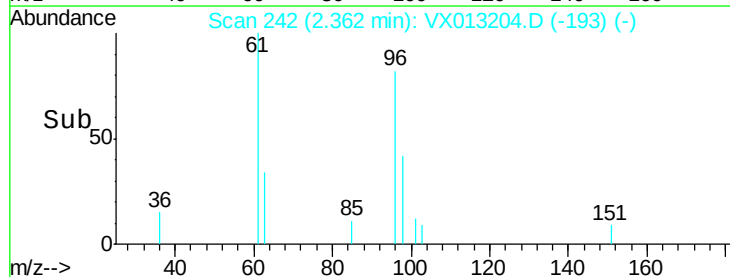
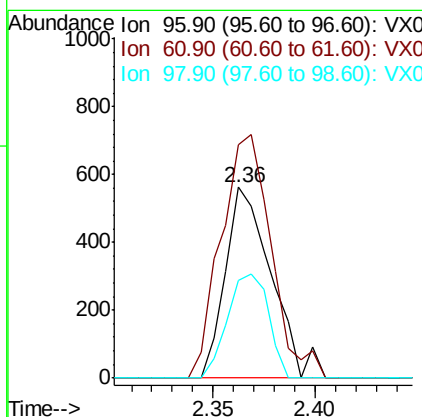
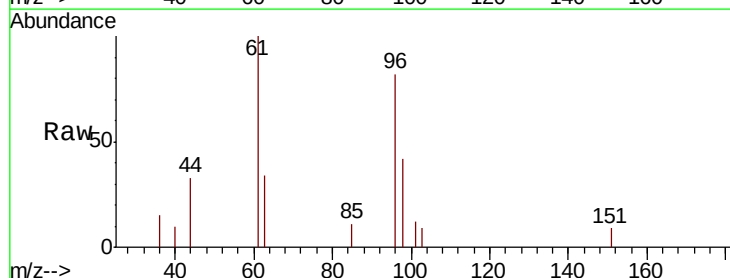
Tot Ion: 59 Resp: 726
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

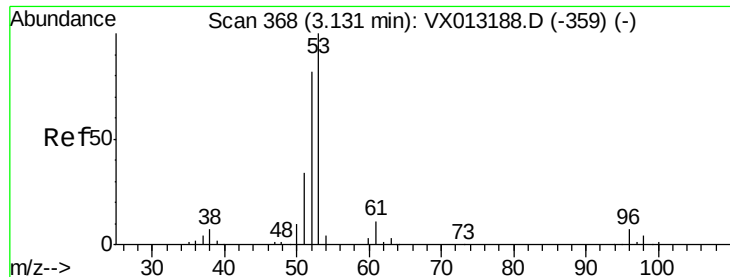


#12

1,1-Dichloroethene
Concen: 0.663 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion: 96 Resp: 878
Ion Ratio Lower Upper
96 100
61 122.4 123.8 185.8#
98 51.2 51.6 77.4#

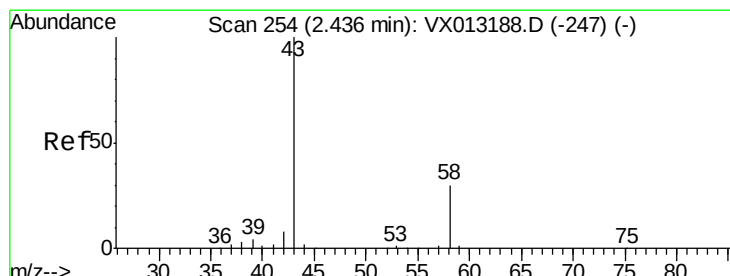
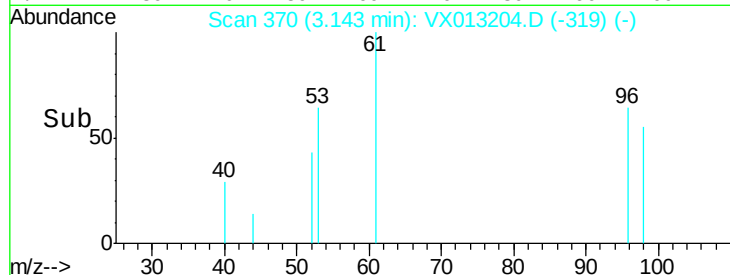
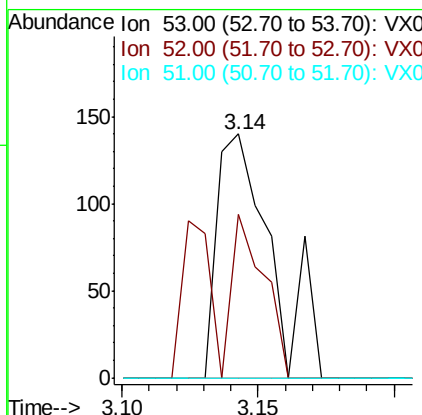
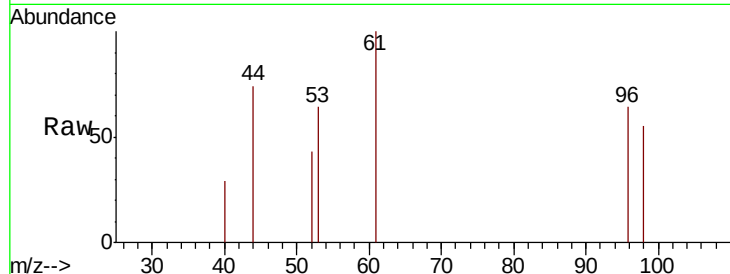




#15
 Acrylonitrile
 Concen: 0.271 ug/l
 RT: 3.14 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

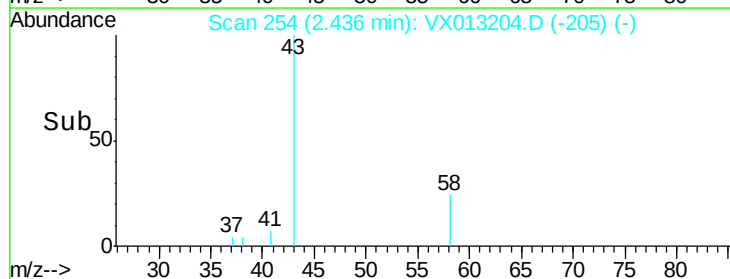
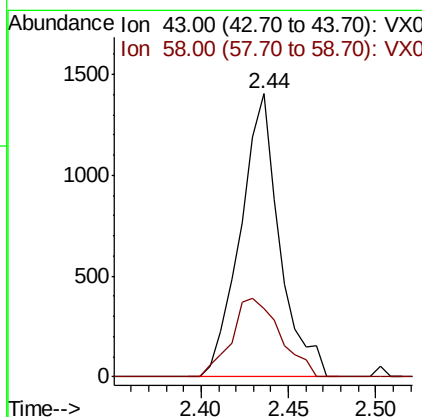
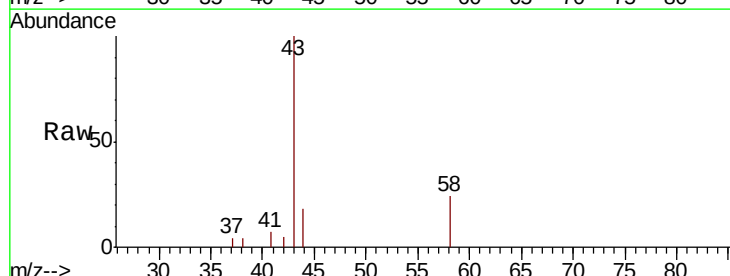
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

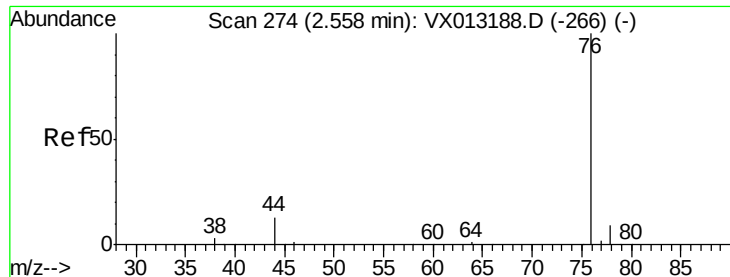
Tot Ion: 53 Resp: 194
 Ion Ratio Lower Upper
 53 100
 52 40.2 66.4 99.6#
 51 0.0 29.4 44.2#



#16
 Acetone
 Concen: 2.869 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Tgt Ion: 43 Resp: 2199
 Ion Ratio Lower Upper
 43 100
 58 24.4 23.8 35.6

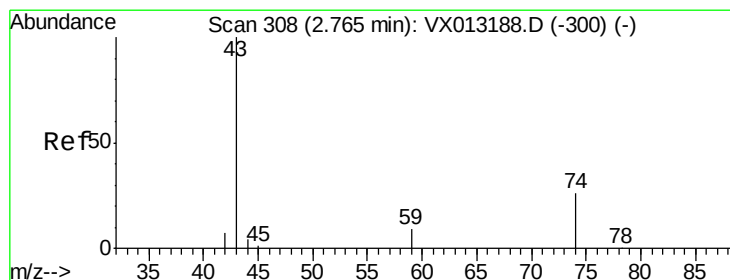
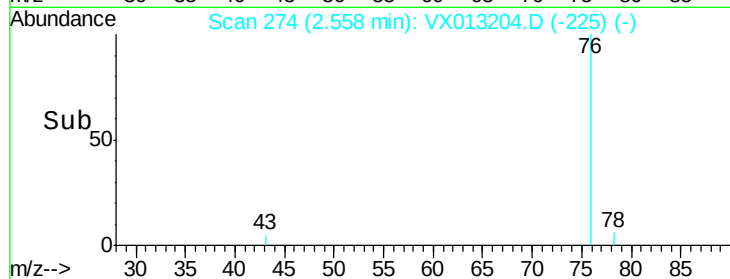
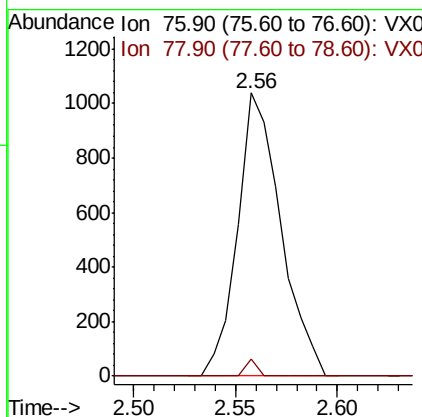
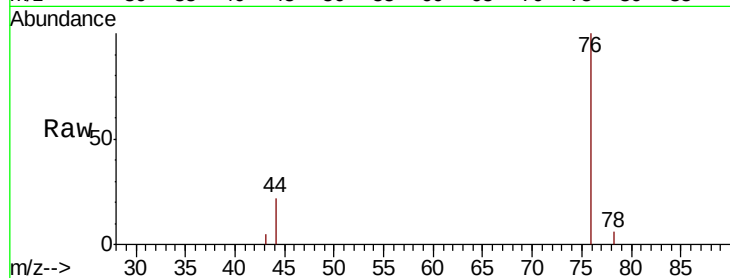




#17
Carbon Disulfide
Concen: 0.430 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

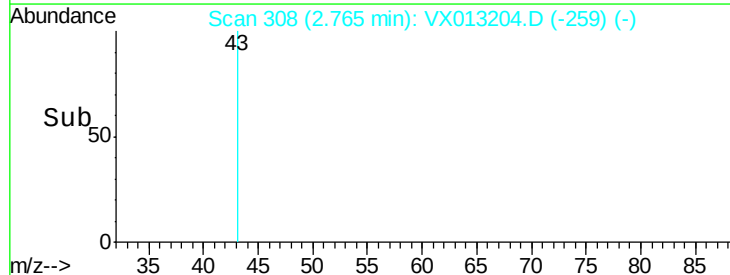
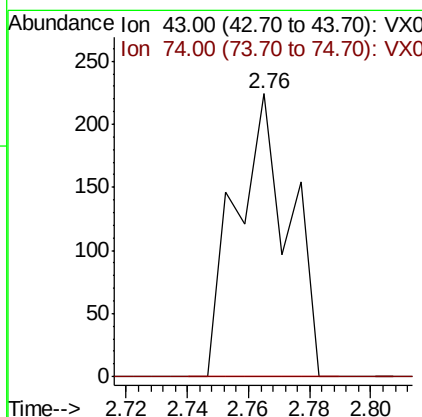
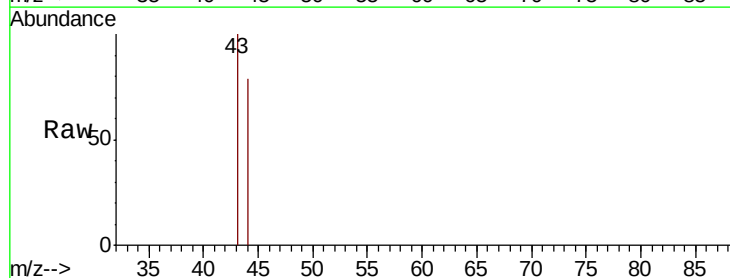
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

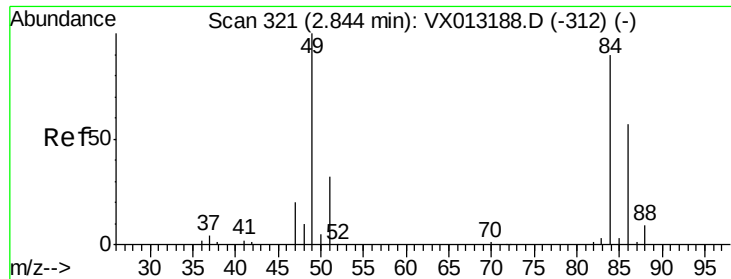
Tot Ion: 76 Resp: 1532
Ion Ratio Lower Upper
76 100
78 6.2 7.4 11.2#



#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 0.0 20.9 31.3#

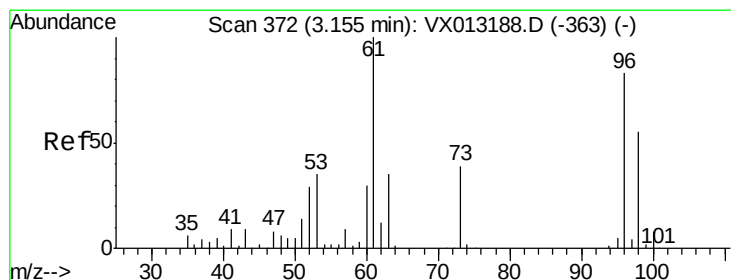
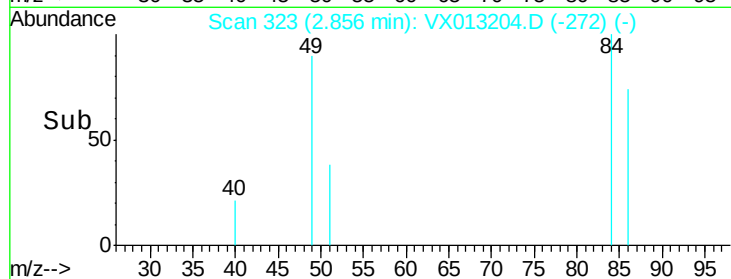
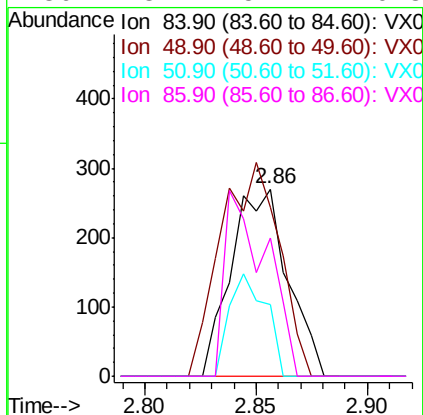
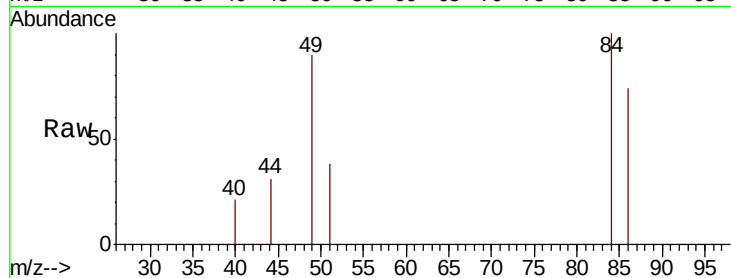




#20
Methvlene Chloride
Concen: 0.621 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

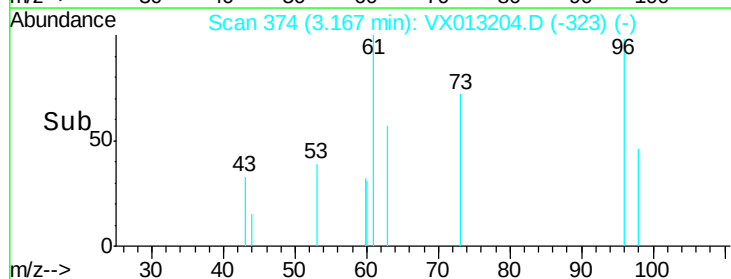
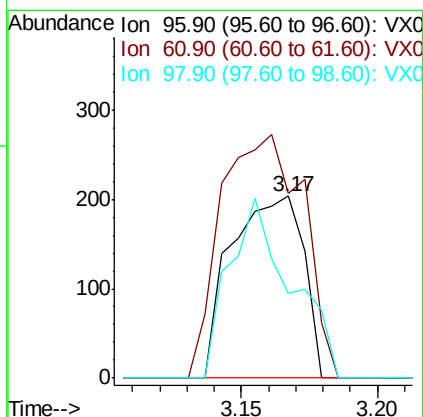
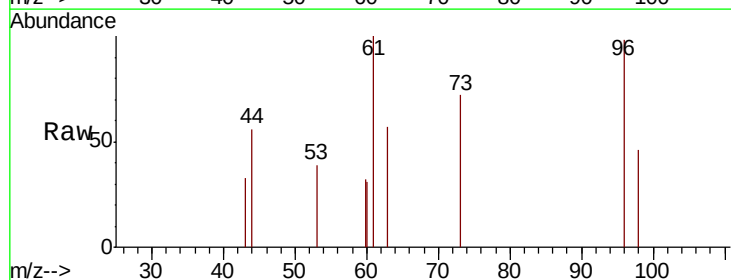
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

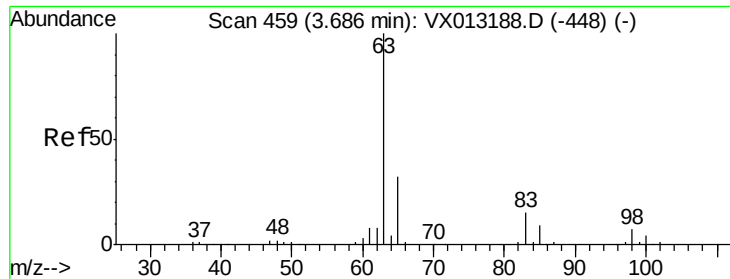
Tot Ion:	84	Resp:	479
Ion	Ratio	Lower	Upper
84	100		
49	90.4	89.2	133.8
51	38.1	28.8	43.2
86	73.7	51.2	76.8



#21
trans-1,2-Dichloroethene
Concen: 0.744 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion:	96	Resp:	373
Ion	Ratio	Lower	Upper
96	100		
61	102.0	96.9	145.3
98	46.8	53.0	79.4#

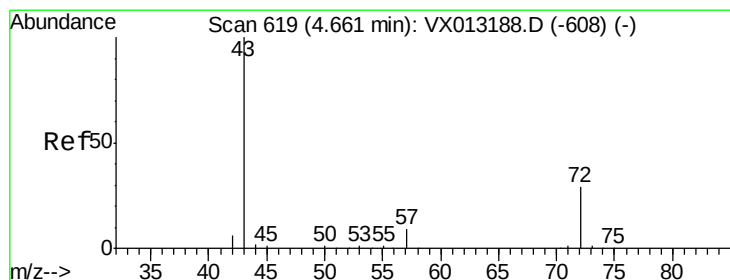
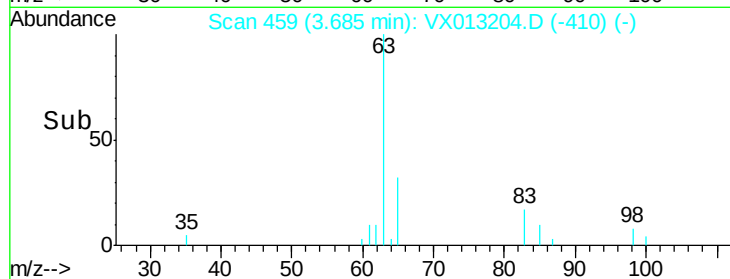
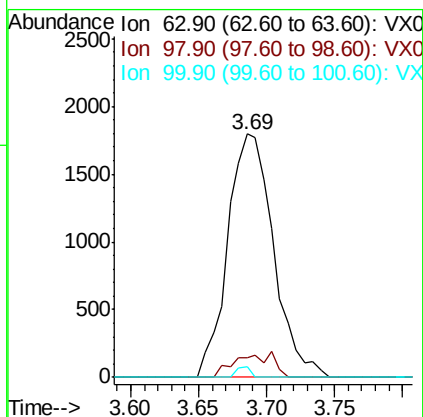
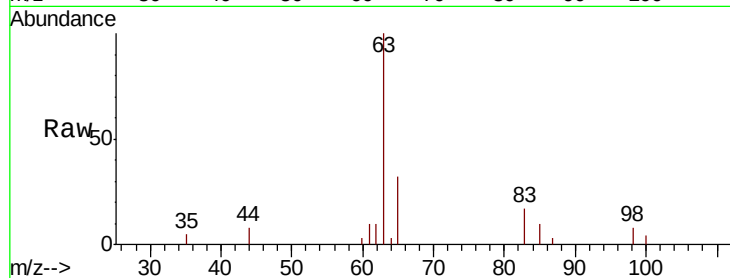




#24
 1,1-Dichloroethane
 Concen: 1.677 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

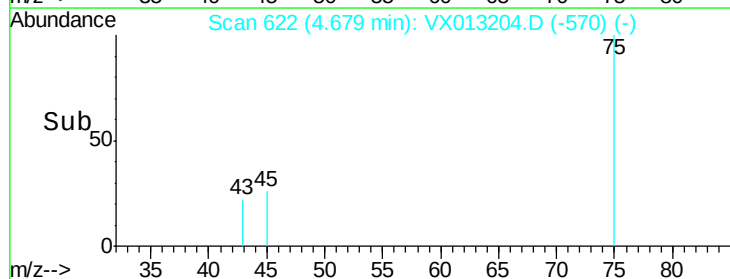
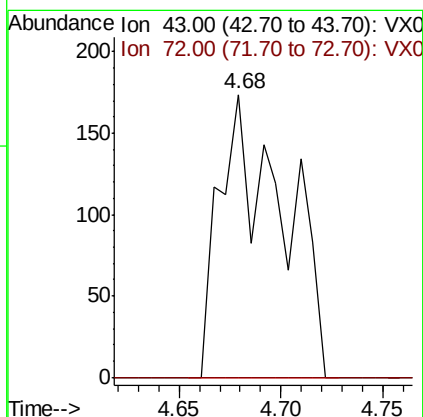
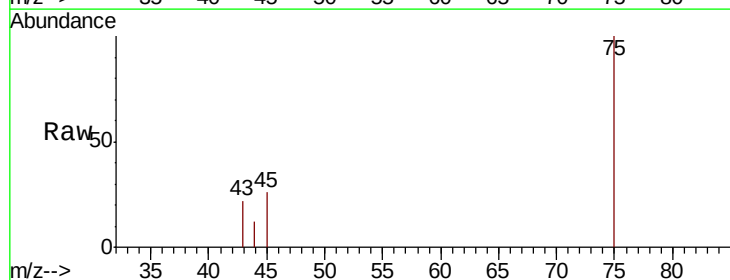
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

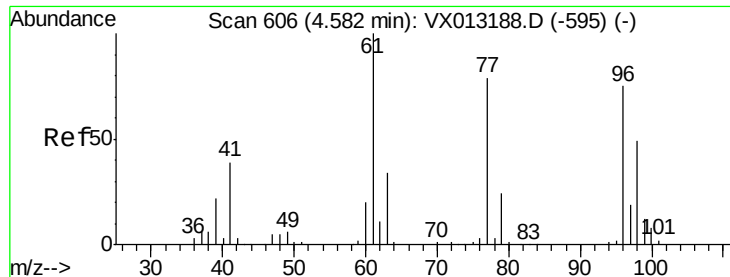
Tot Ion: 63 Resp: 4208
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.4 2.2 6.6



#25
 2-Butanone
 Concen: 0.367 ug/l
 RT: 4.68 min Scan# 622
 Delta R.T. 0.02 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Tgt Ion: 43 Resp: 377
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.4 35.2#



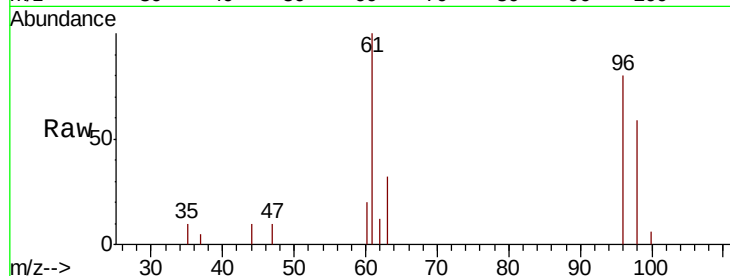


#27

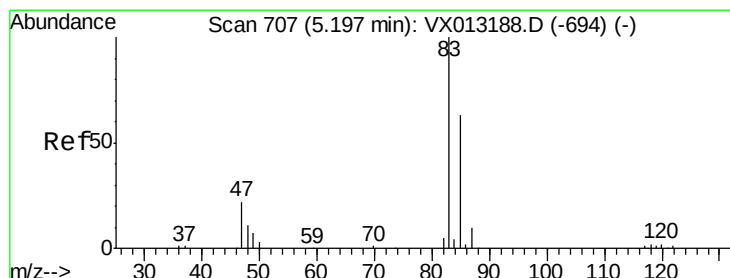
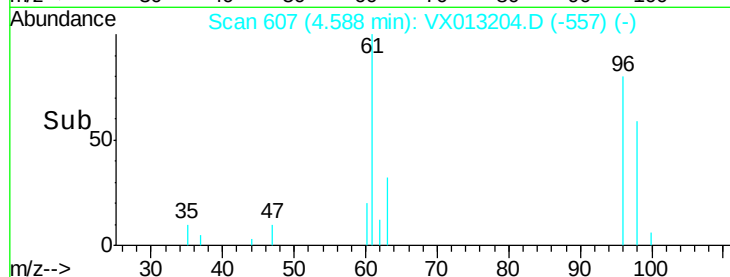
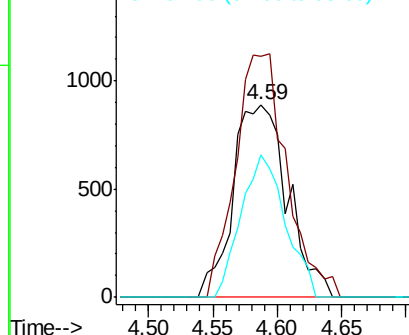
cis-1,2-Dichloroethene
 Concen: 1.615 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

Tot Ion: 96 Resp: 2621
 Ion Ratio Lower Upper
 96 100
 61 118.6 0.0 290.4
 98 59.7 0.0 130.4



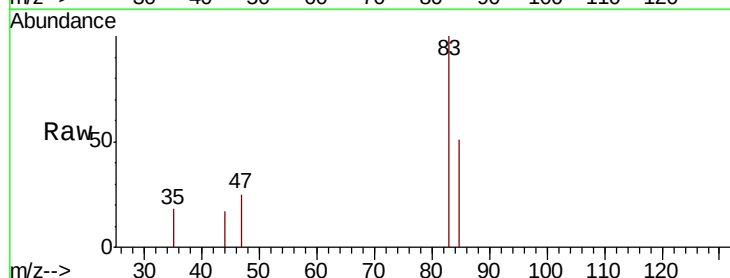
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



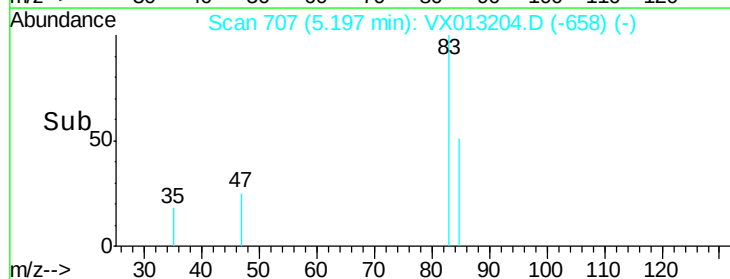
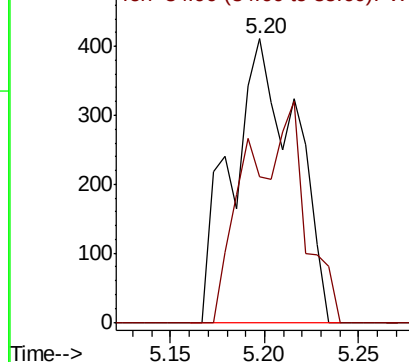
#30

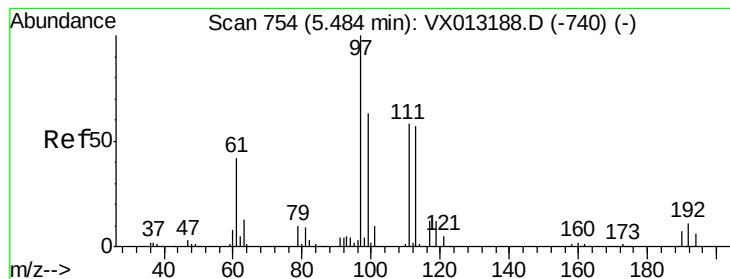
Chloroform
 Concen: 0.361 ug/l
 RT: 5.20 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Tgt Ion: 83 Resp: 965
 Ion Ratio Lower Upper
 83 100
 85 51.1 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 0.357 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D2-GW-20191021

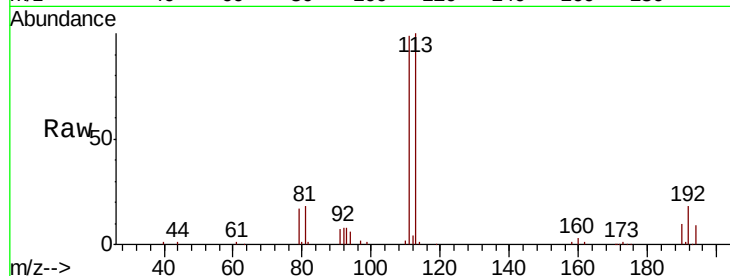
Tot Ion: 97 Resp: 848

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

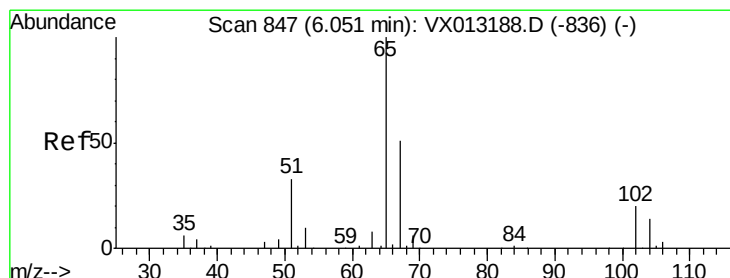
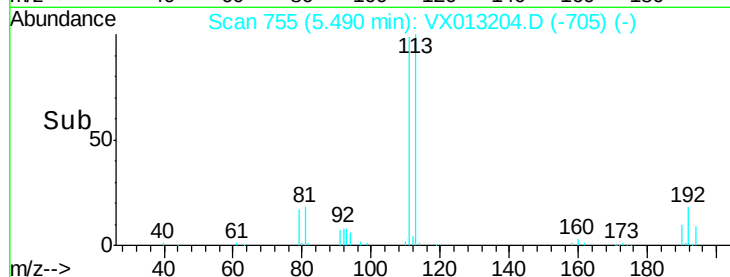
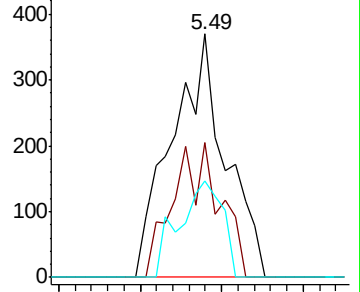
61 32.1 32.8 49.2#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.476 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013204.D

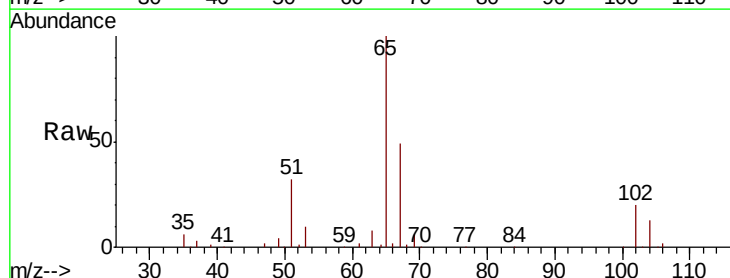
Acq: 24 Oct 2019 12:04

Tgt Ion: 65 Resp: 83750

Ion Ratio Lower Upper

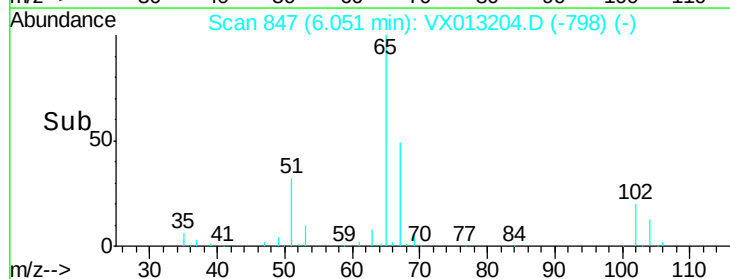
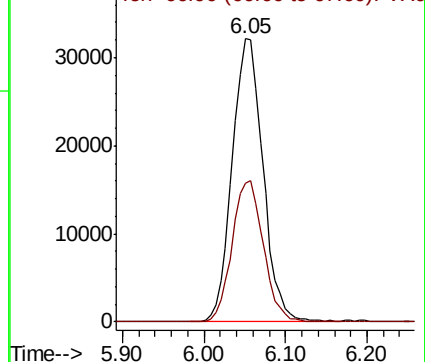
65 100

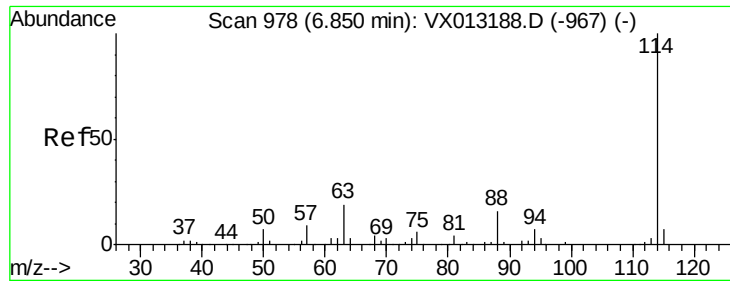
67 50.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

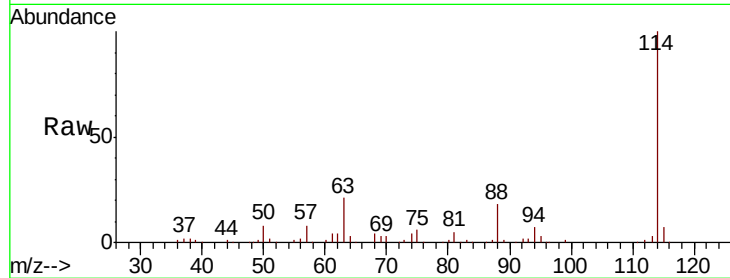




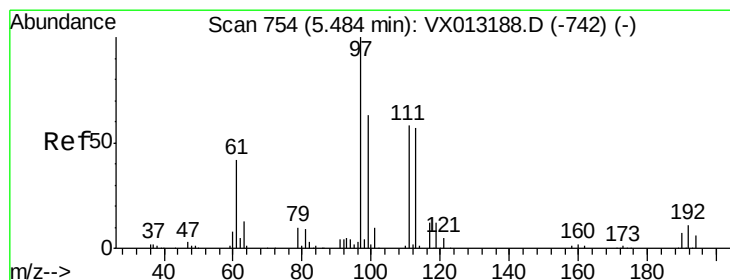
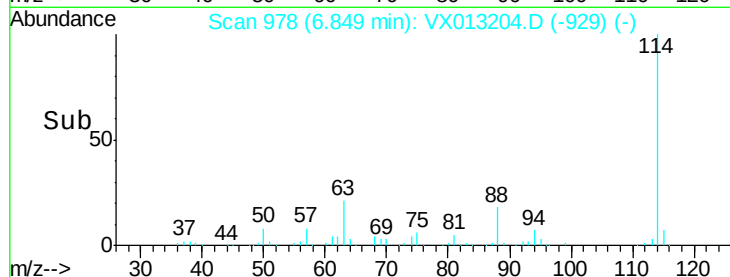
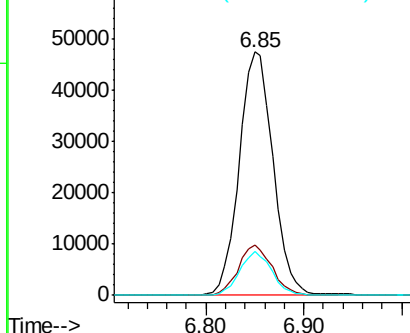
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

Tot Ion:114 Resp: 113933
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 17.9 0.0 32.0

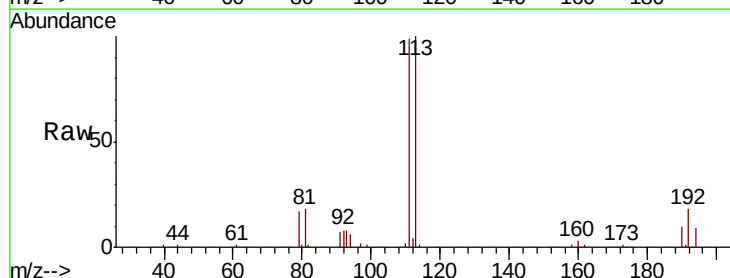


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

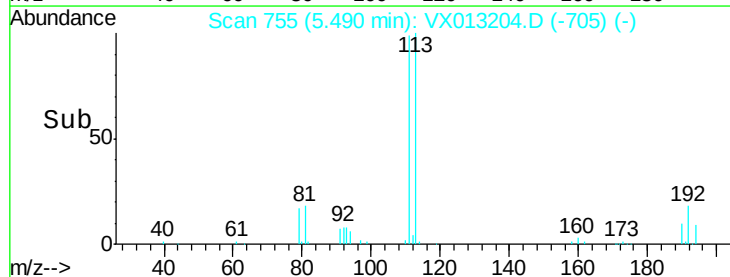
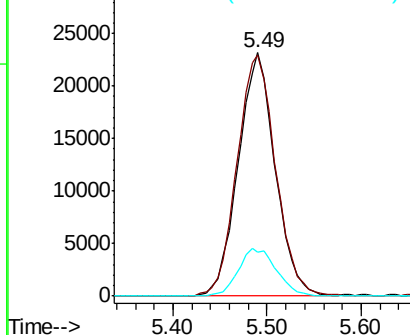


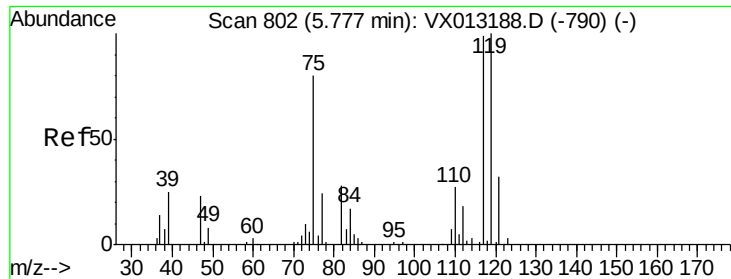
#35
 Dibromofluoromethane
 Concen: 50.013 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Tgt Ion:113 Resp: 63542
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.3 120.5
 192 20.2 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

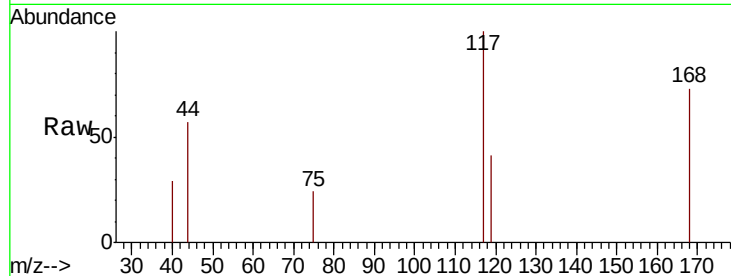




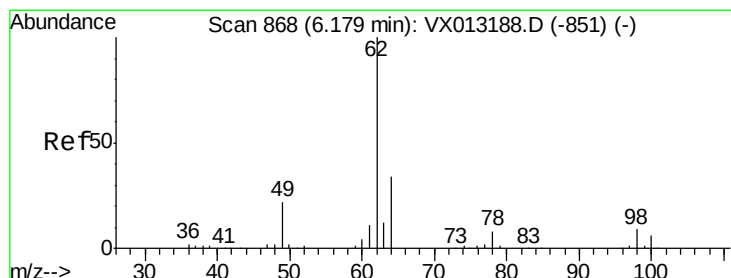
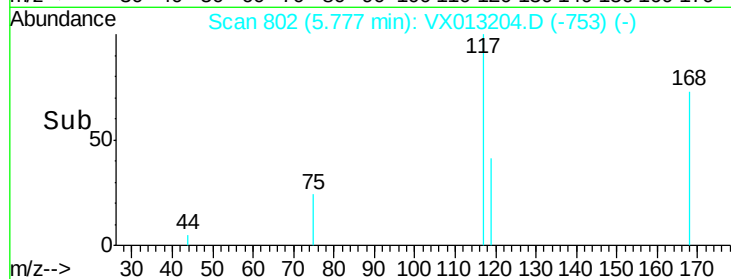
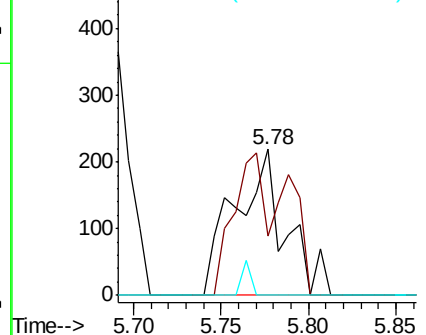
#38
Carbon Tetrachloride
Concen: 0.207 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

Tot Ion:117 Resp: 436
Ion Ratio Lower Upper
117 100
119 40.6 80.1 120.1#
121 0.0 25.5 38.3#

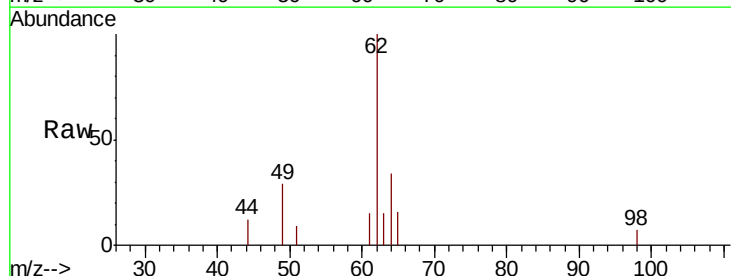


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

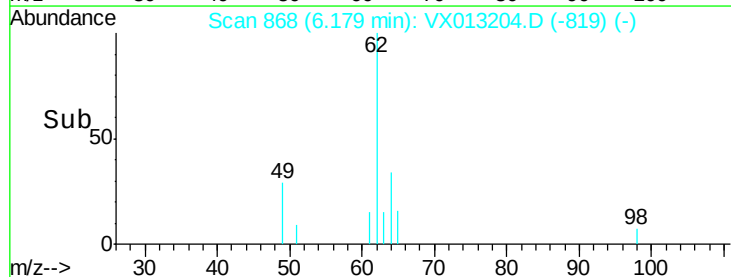
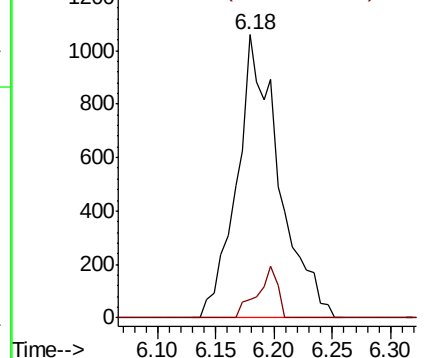


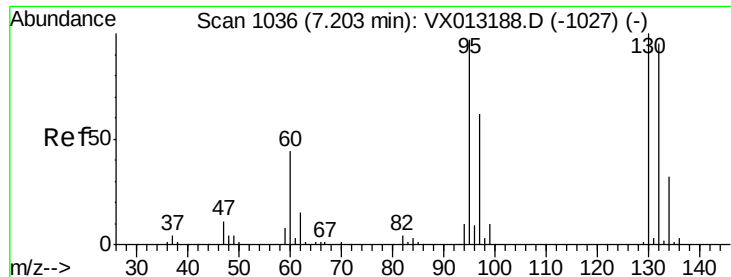
#42
1,2-Dichloroethane
Concen: 1.239 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion: 62 Resp: 2674
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.765 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

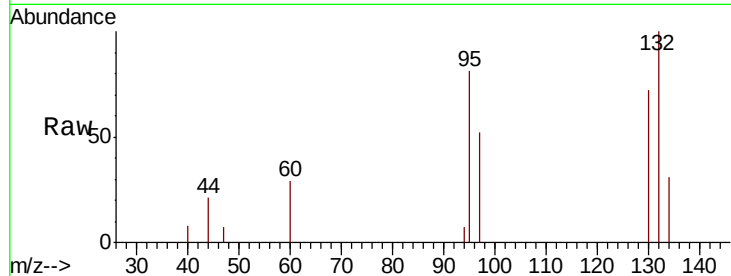
BP-TT-MW203D2-GW-20191021

Tot Ion:130 Resp: 1243

Ion Ratio Lower Upper

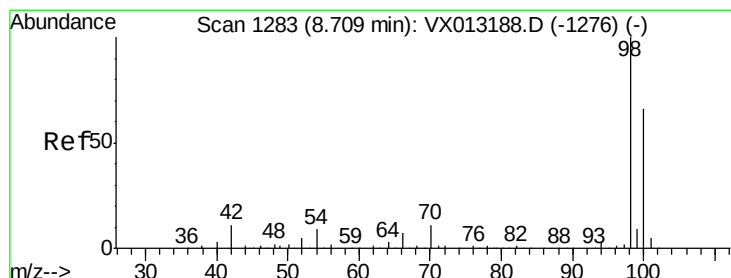
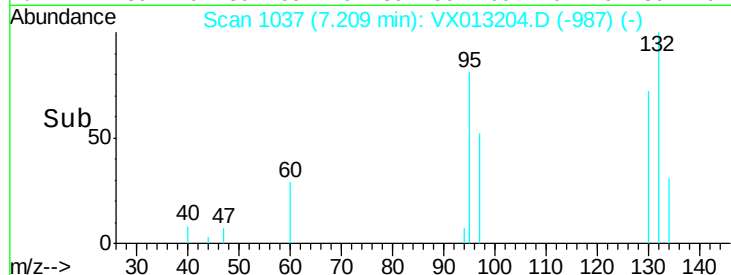
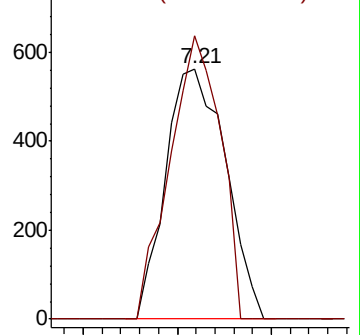
130 100

95 113.1 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.351 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013204.D

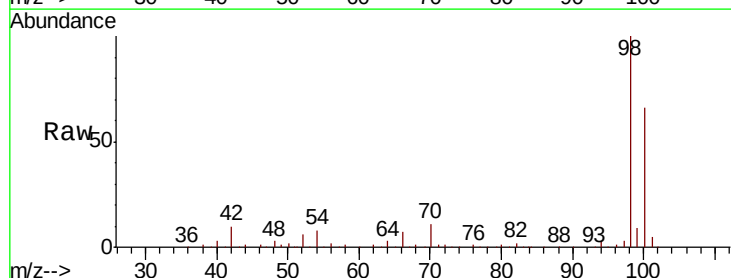
Acq: 24 Oct 2019 12:04

Tgt Ion: 98 Resp: 237073

Ion Ratio Lower Upper

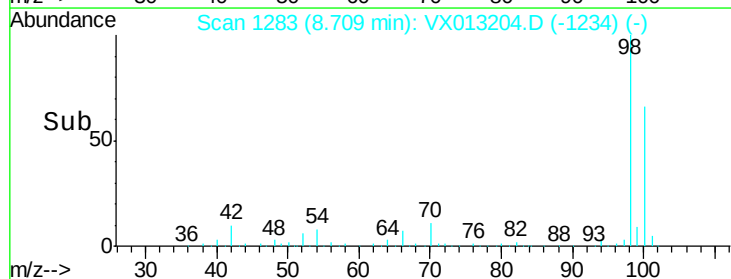
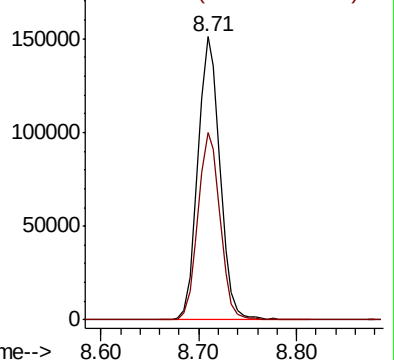
98 100

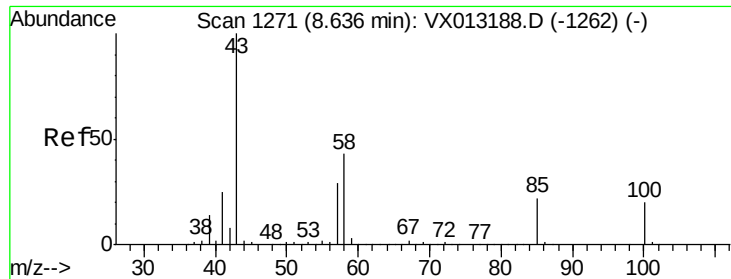
100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.325 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

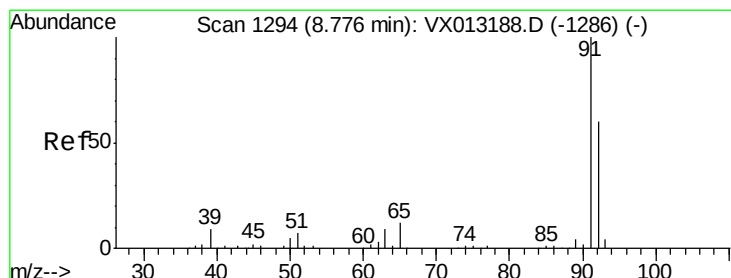
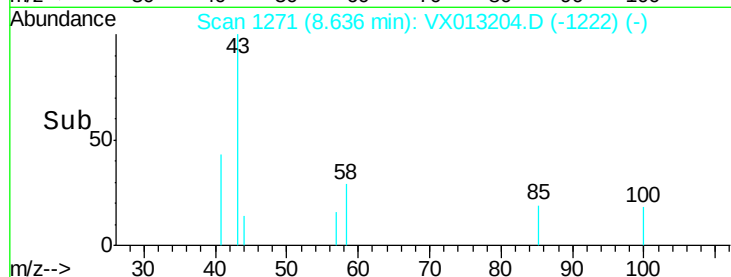
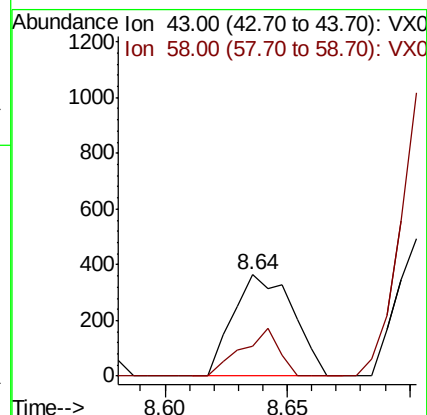
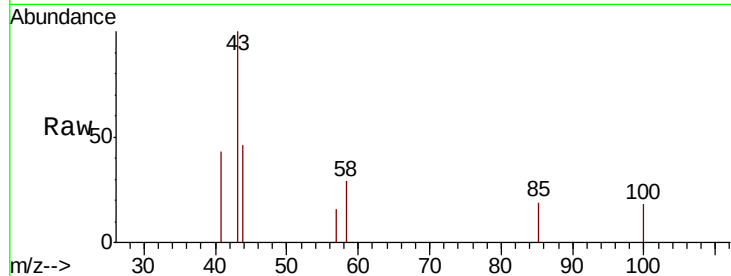
BP-TT-MW203D2-GW-20191021

Tot Ion: 43 Resp: 625

Ion Ratio Lower Upper

43 100

58 29.4 33.9 50.9#



#52

Toluene

Concen: 0.253 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013204.D

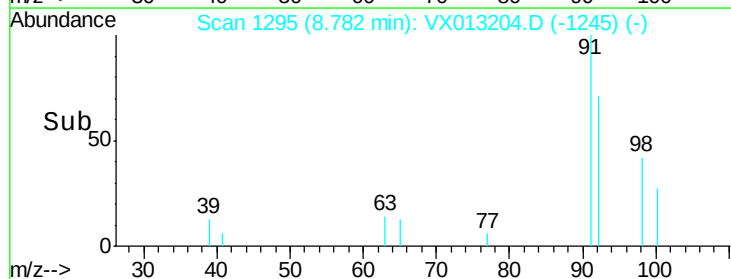
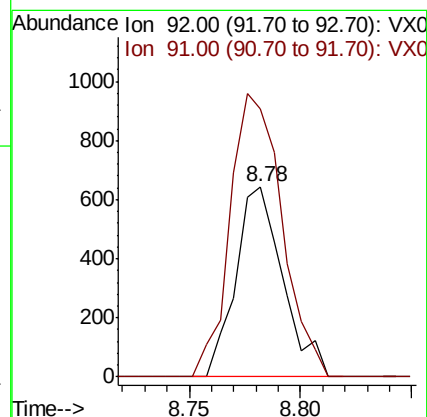
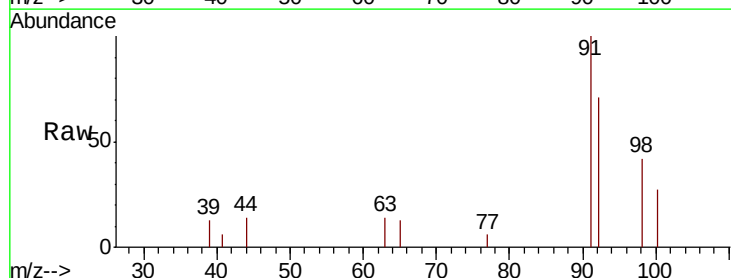
Acq: 24 Oct 2019 12:04

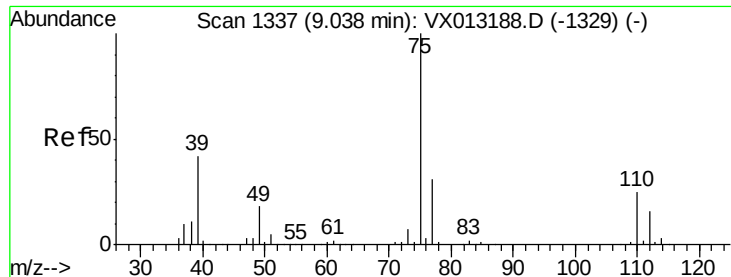
Tgt Ion: 92 Resp: 958

Ion Ratio Lower Upper

92 100

91 163.5 133.9 200.9





#53

t-1,3-Dichloropropene

Concen: 0.202 ug/l

RT: 9.04 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

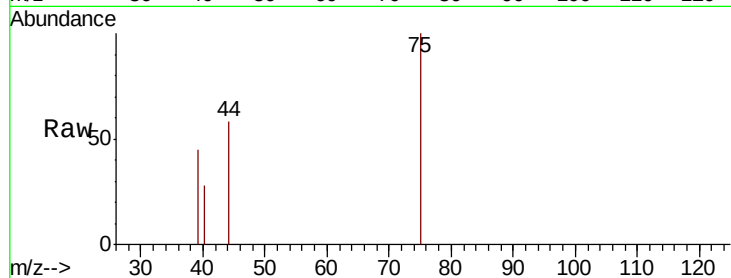
BP-TT-MW203D2-GW-20191021

Tot Ion: 75 Resp: 431

Ion Ratio Lower Upper

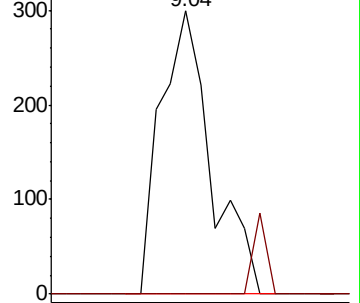
75 100

77 0.0 24.7 37.1#

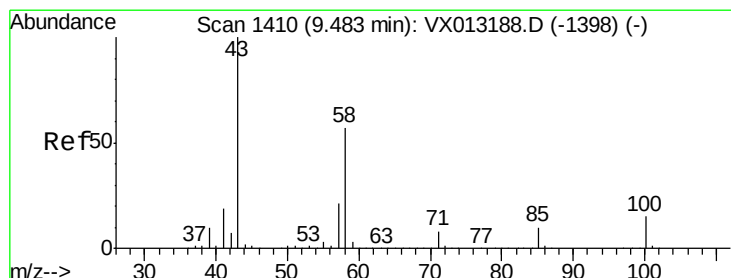
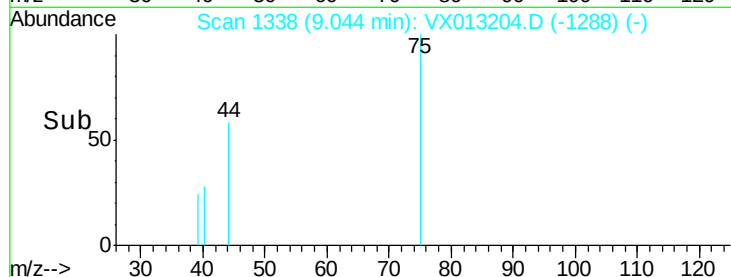


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#59

2-Hexanone

Concen: 0.353 ug/l

RT: 9.50 min Scan# 1413

Delta R.T. 0.02 min

Lab File: VX013204.D

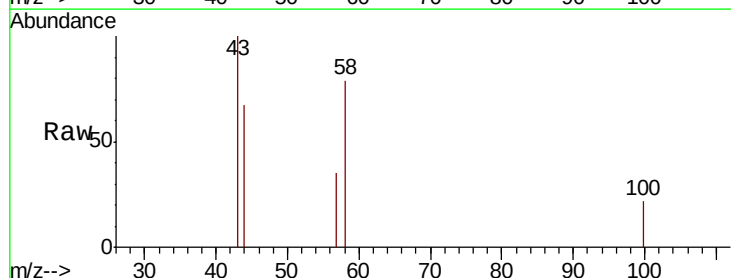
Acq: 24 Oct 2019 12:04

Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

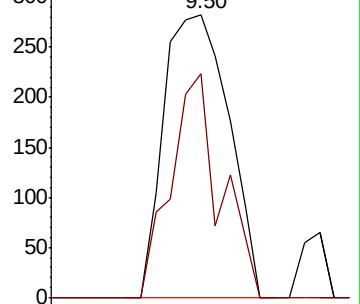
43 100

58 60.3 28.2 84.7

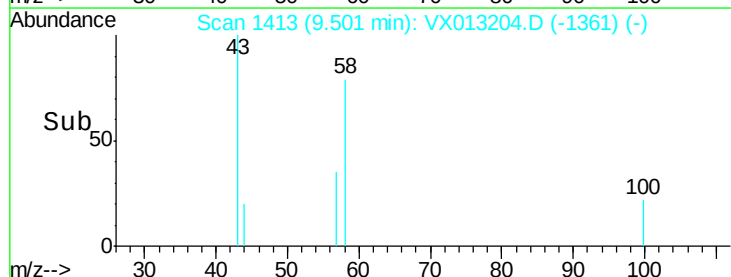


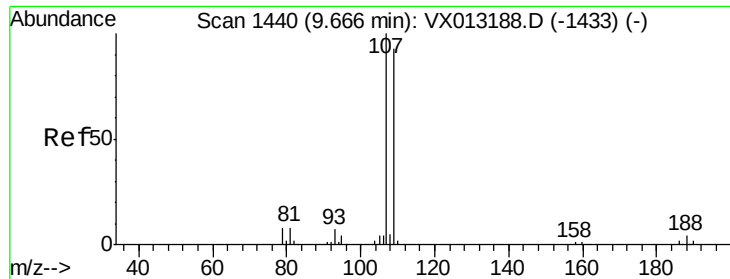
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#61

1,2-Dibromoethane

Concen: 0.271 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

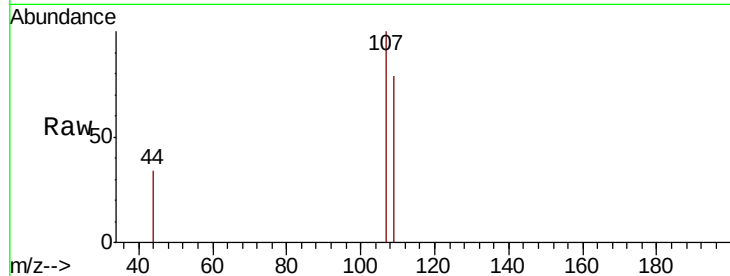
BP-TT-MW203D2-GW-20191021

Tot Ion:107 Resp: 432

Ion Ratio Lower Upper

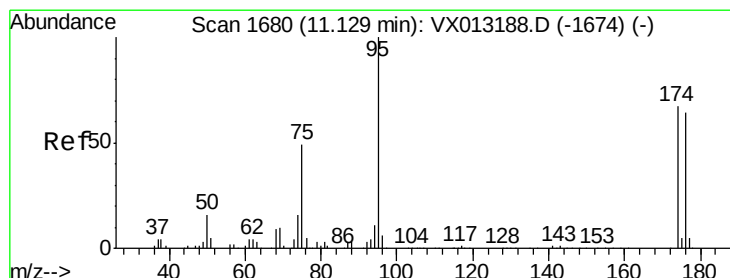
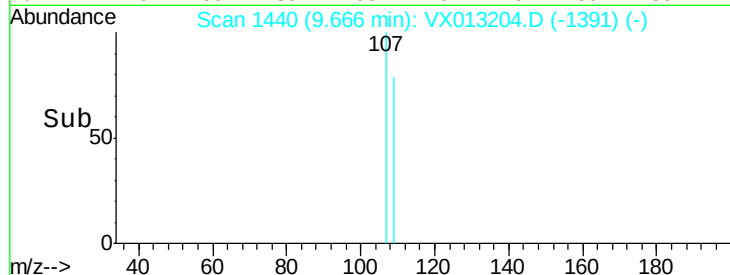
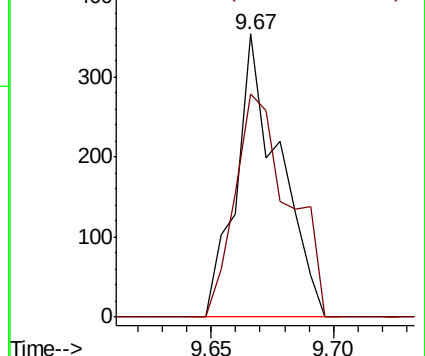
107 100

109 98.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.916 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

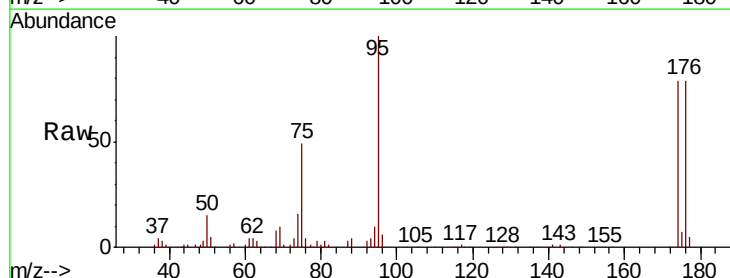
Tgt Ion: 95 Resp: 89296

Ion Ratio Lower Upper

95 100

174 76.2 0.0 152.4

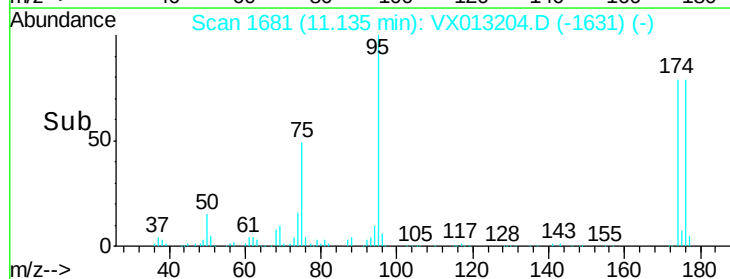
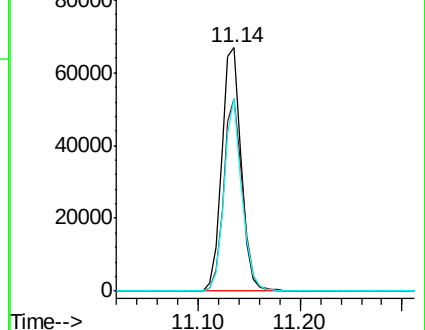
176 72.1 0.0 146.0

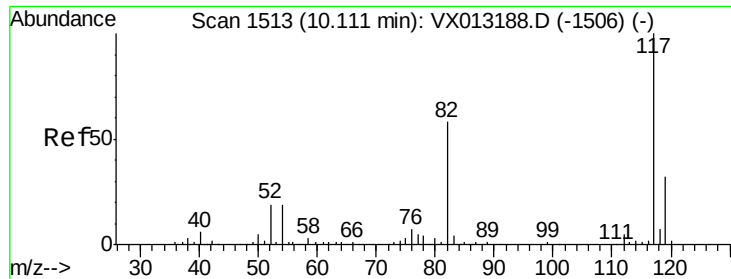


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

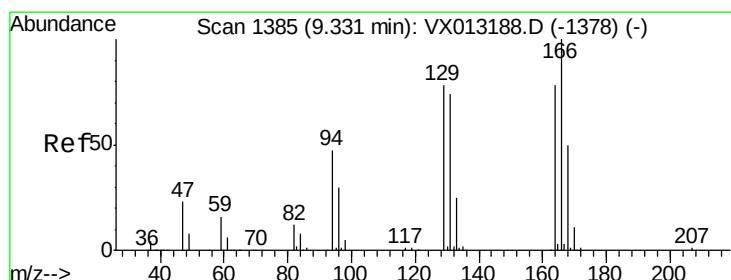
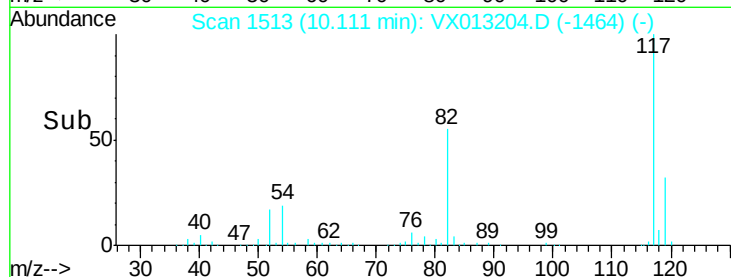
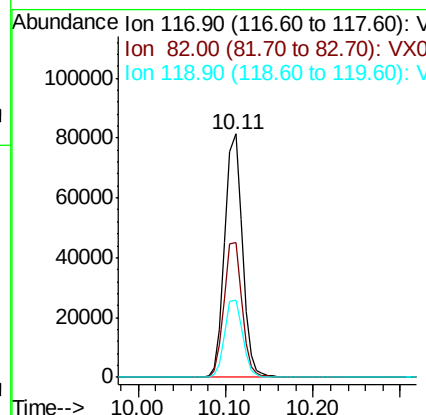
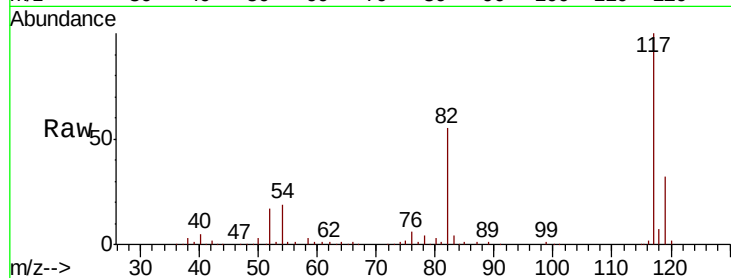




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

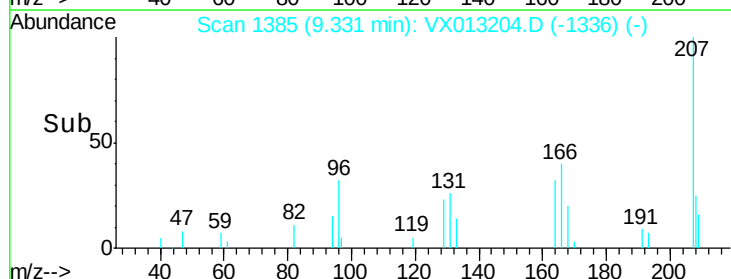
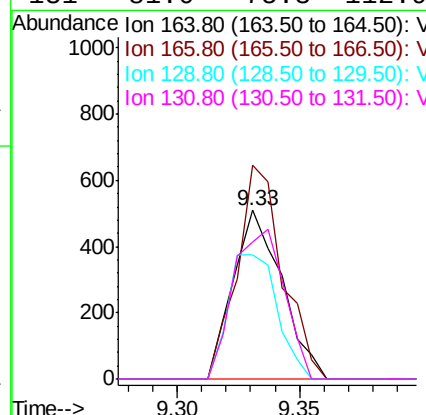
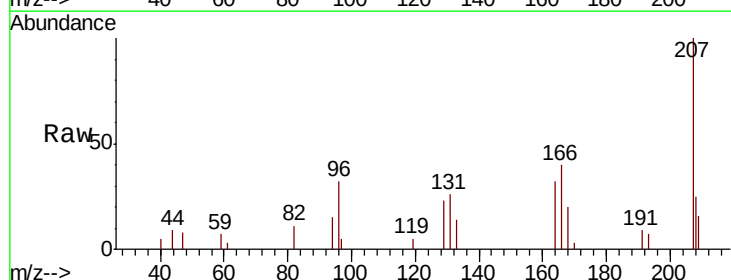
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

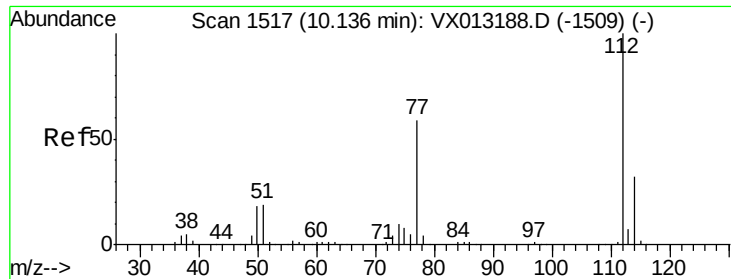
Tot Ion:117 Resp: 113266
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion:164 Resp: 709
Ion Ratio Lower Upper
164 100
166 126.5 102.2 153.4
129 73.9 79.8 119.8#
131 81.0 75.3 112.9

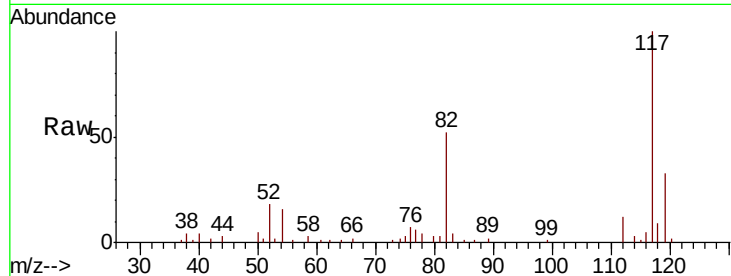




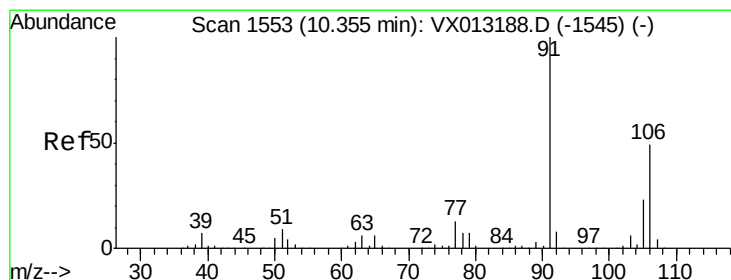
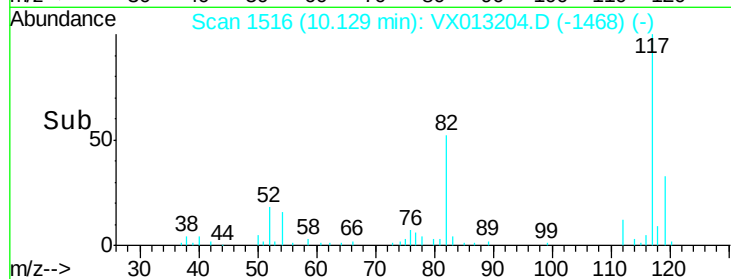
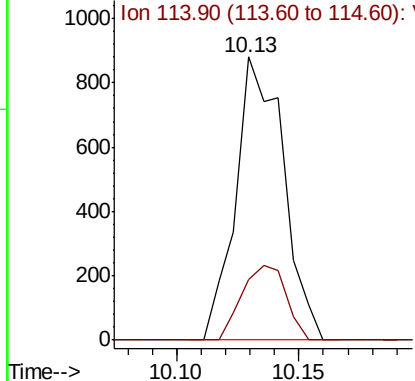
#65
Chlorobenzene
Concen: 0.300 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

Tot Ion:112 Resp: 1191
Ion Ratio Lower Upper
112 100
114 21.3 25.8 38.8#

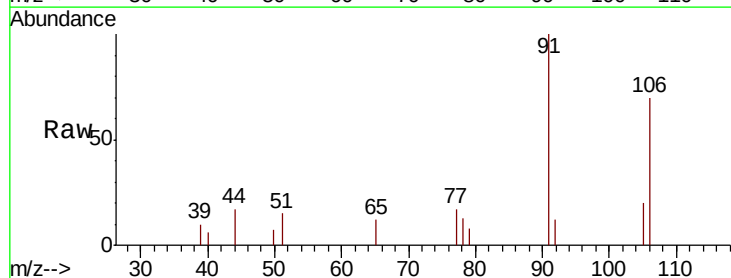


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

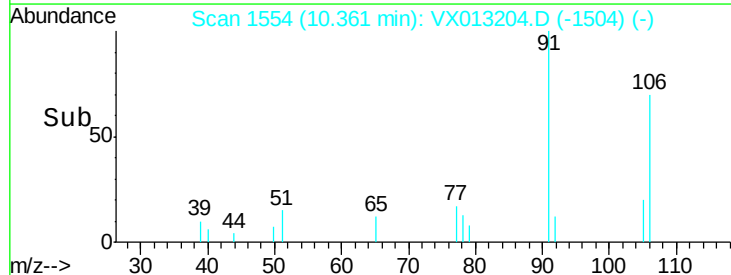
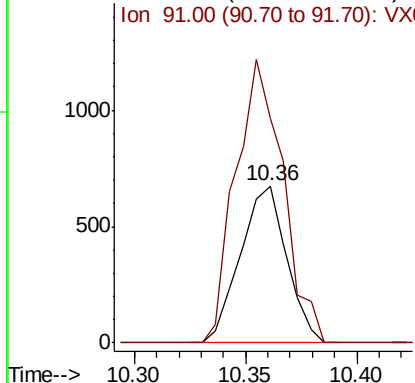


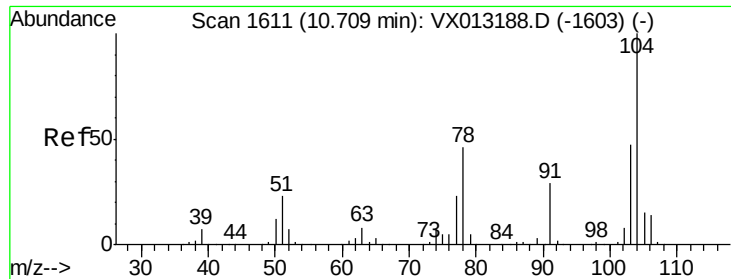
#68
m/p-Xylenes
Concen: 0.365 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion:106 Resp: 978
Ion Ratio Lower Upper
106 100
91 184.3 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

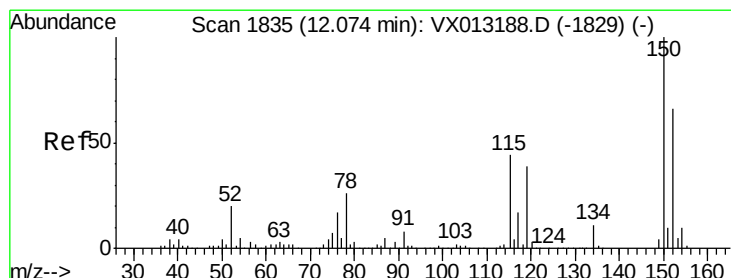
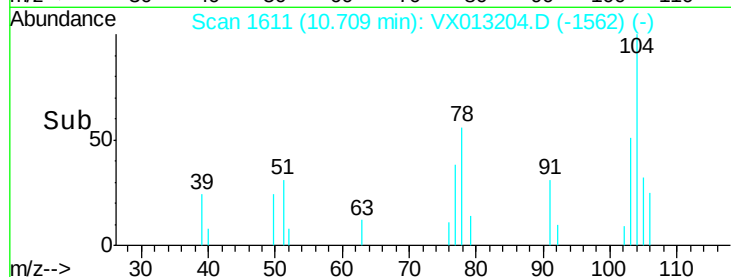
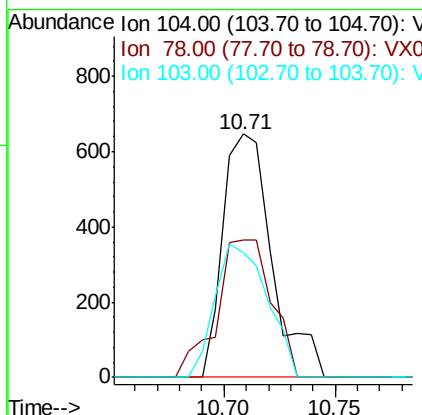
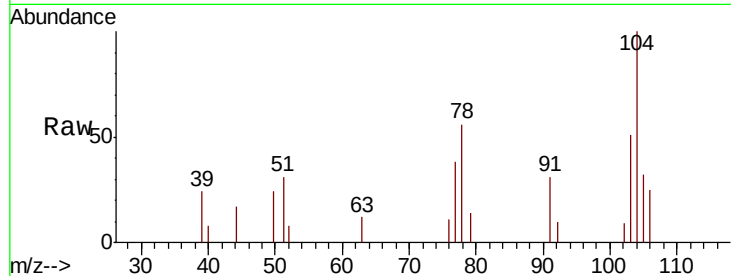




#70
Stvrene
Concen: 0.224 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

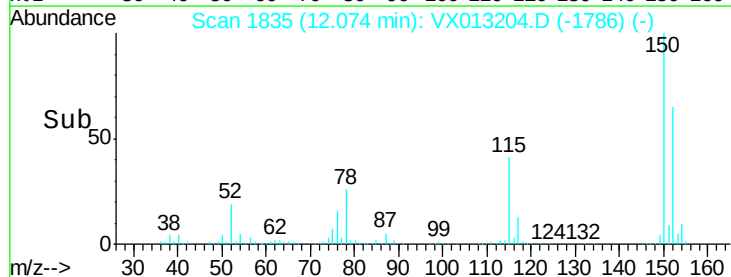
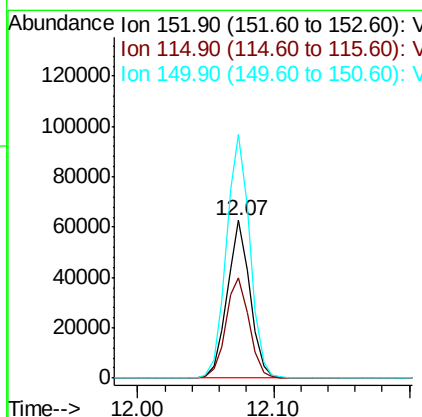
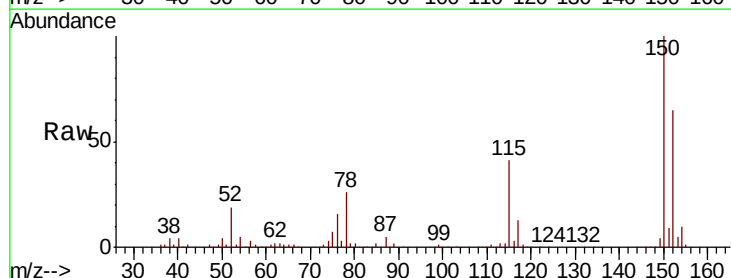
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

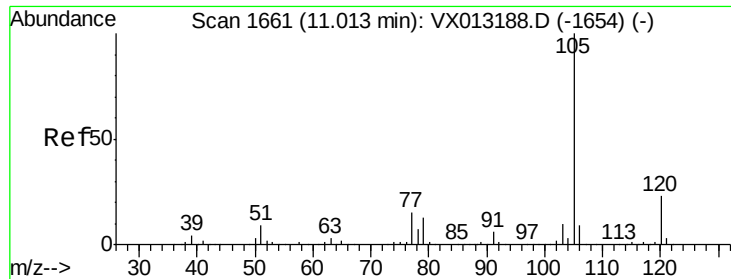
Tot Ion:104 Resp: 994
Ion Ratio Lower Upper
104 100
78 63.3 42.2 63.4
103 58.2 42.8 64.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion:152 Resp: 72595
Ion Ratio Lower Upper
152 100
115 65.1 46.6 139.8
150 158.9 0.0 354.0





#73

Isopropylbenzene

Concen: 0.214 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

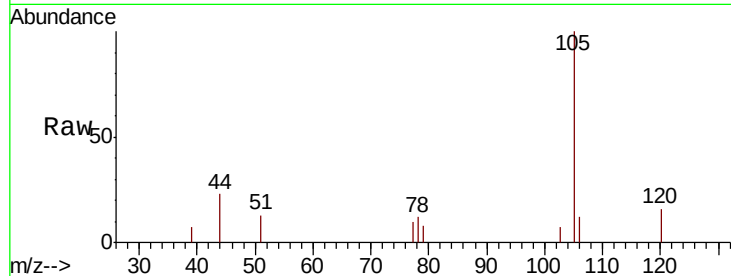
BP-TT-MW203D2-GW-20191021

Tot Ion:105 Resp: 1409

Ion Ratio Lower Upper

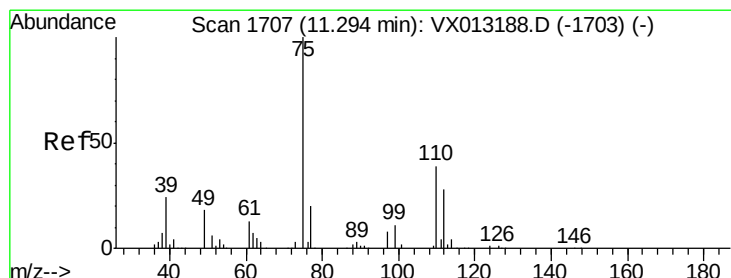
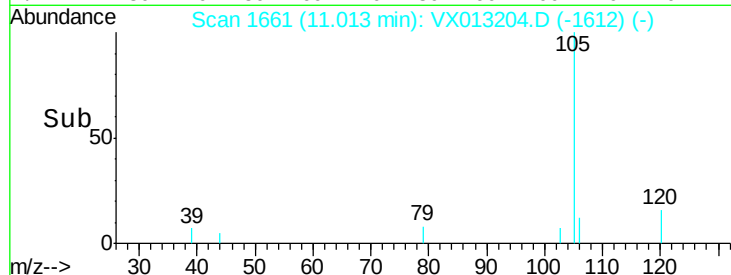
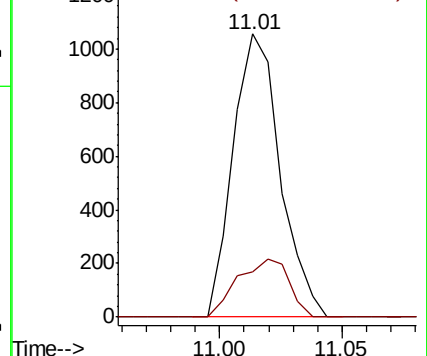
105 100

120 22.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.184 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013204.D

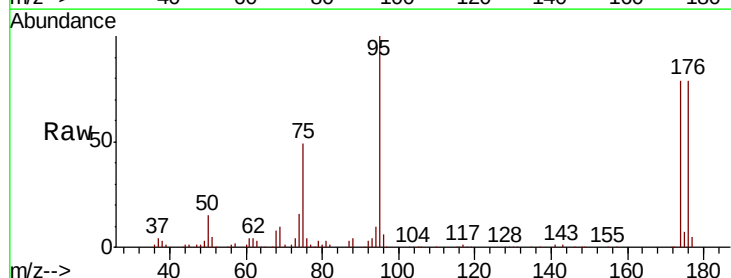
Acq: 24 Oct 2019 12:04

Tgt Ion: 75 Resp: 44064

Ion Ratio Lower Upper

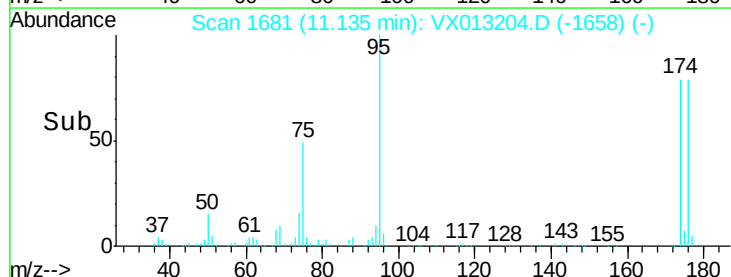
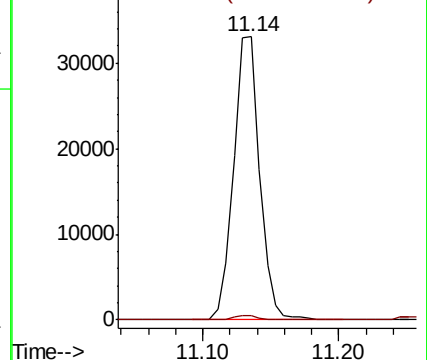
75 100

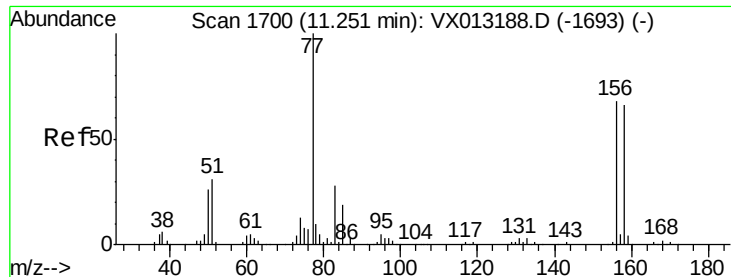
77 1.3 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.211 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D2-GW-20191021

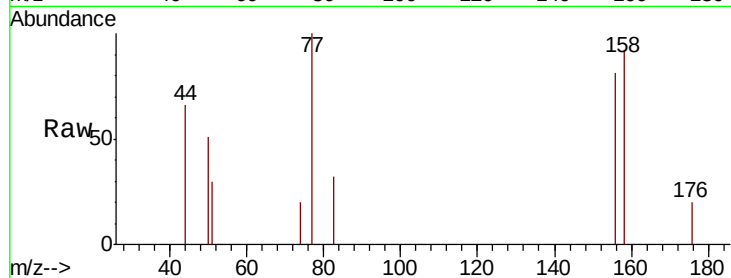
Tot Ion:156 Resp: 334

Ion Ratio Lower Upper

156 100

77 128.1 81.7 245.1

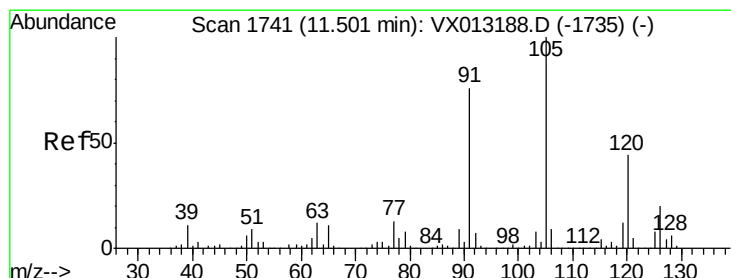
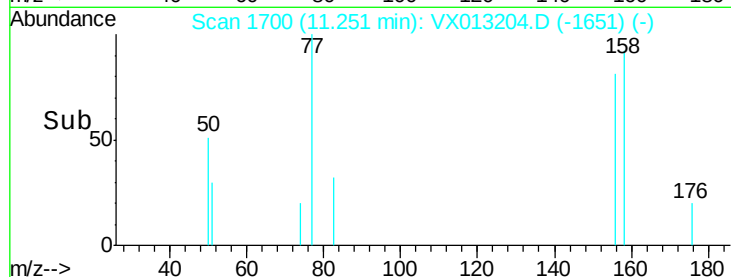
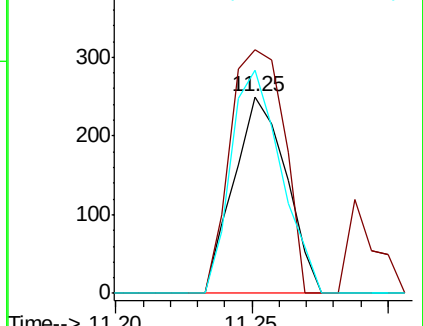
158 109.0 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.223 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013204.D

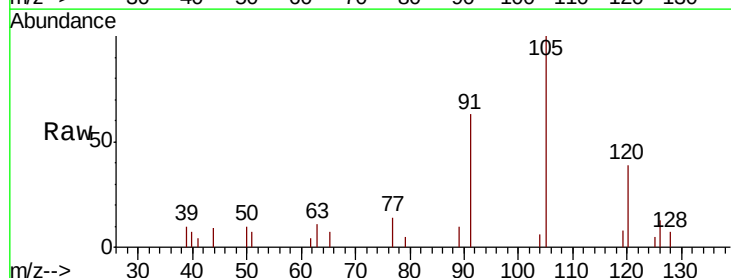
Acq: 24 Oct 2019 12:04

Tgt Ion:105 Resp: 1221

Ion Ratio Lower Upper

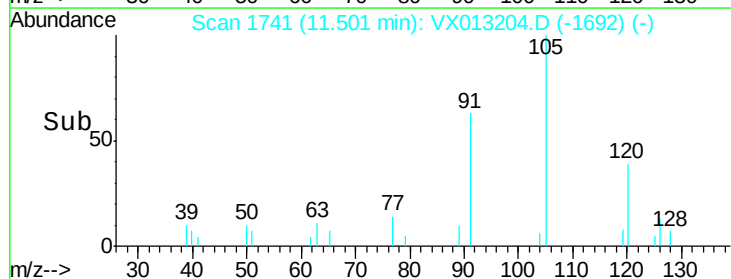
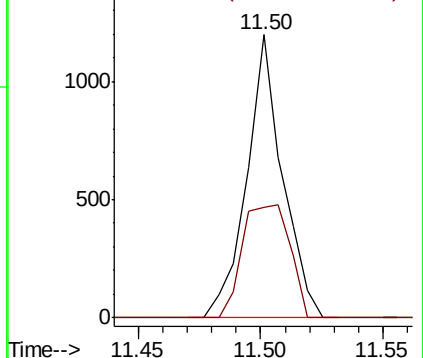
105 100

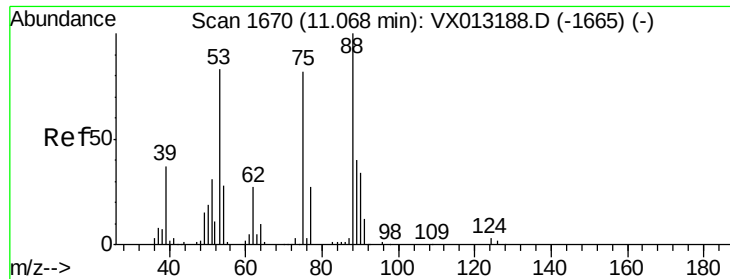
120 53.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.205 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D2-GW-20191021

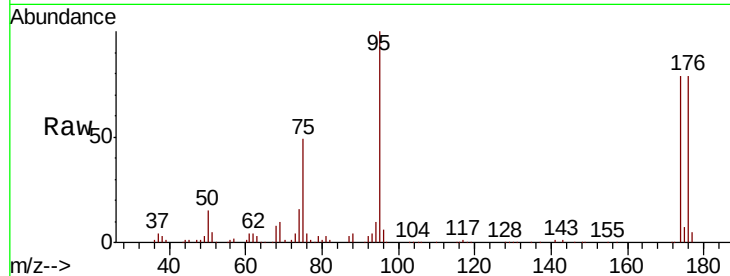
Tot Ion: 75 Resp: 44064

Ion Ratio Lower Upper

75 100

53 0.0 77.9 116.9#

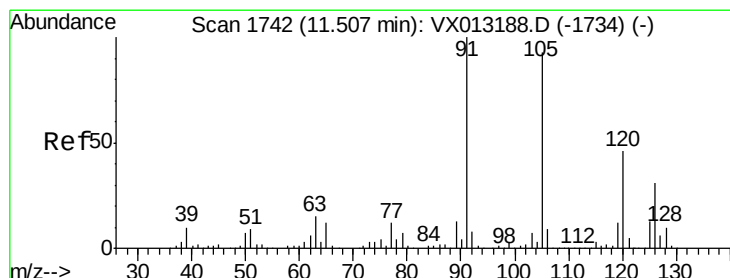
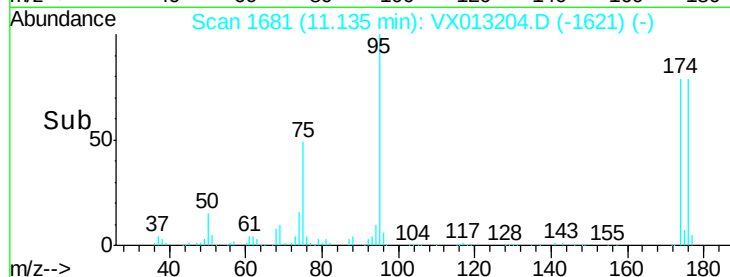
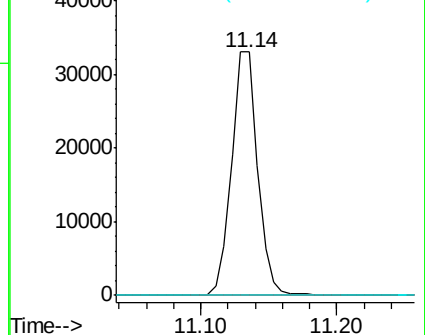
89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.242 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013204.D

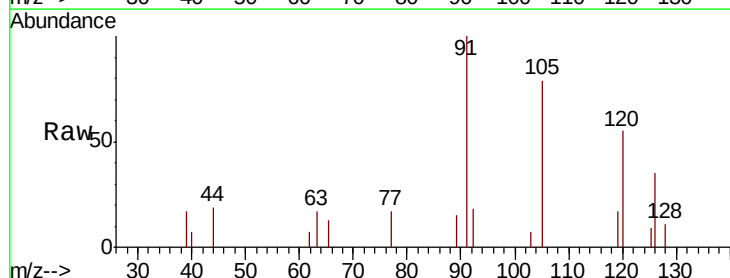
Acq: 24 Oct 2019 12:04

Tgt Ion: 91 Resp: 1240

Ion Ratio Lower Upper

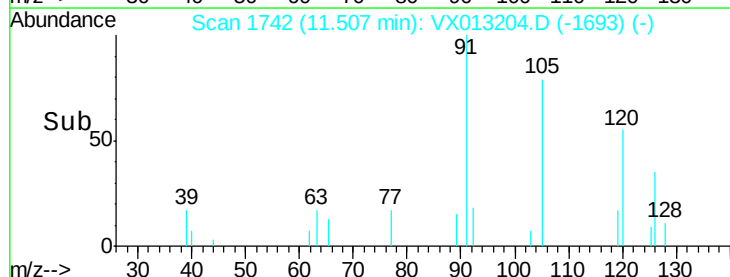
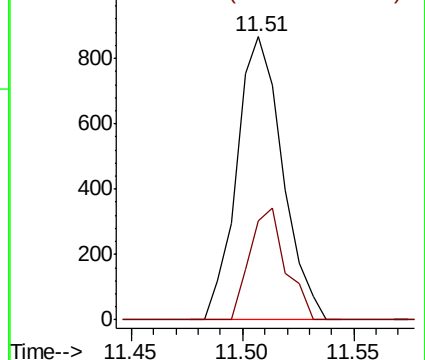
91 100

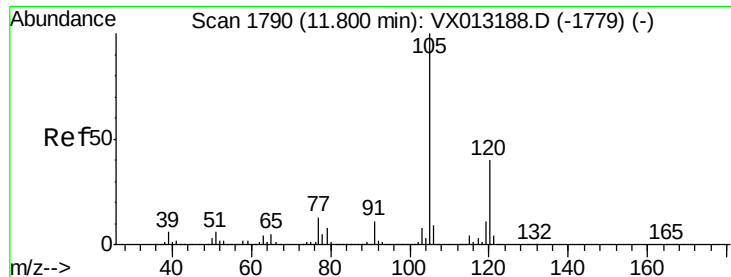
126 31.0 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

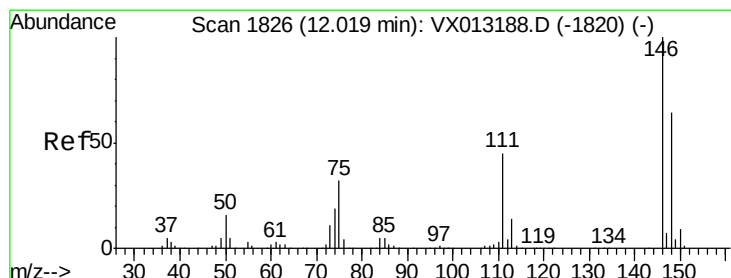
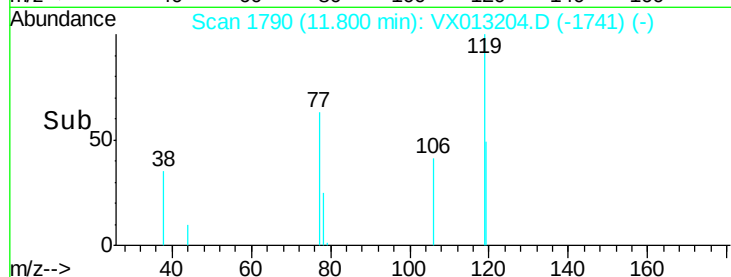
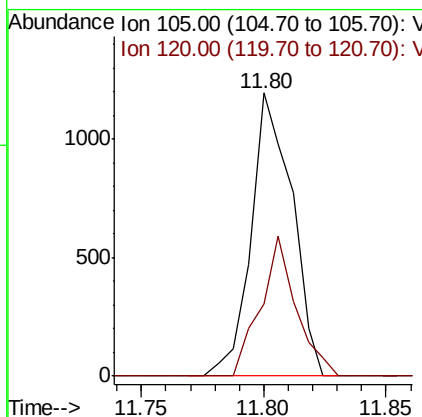
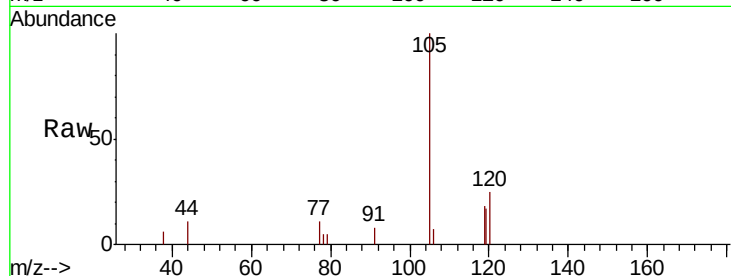




#84
 1,2,4-Trimethylbenzene
 Concen: 0.251 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

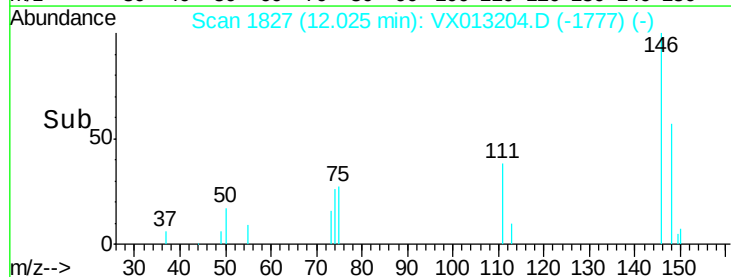
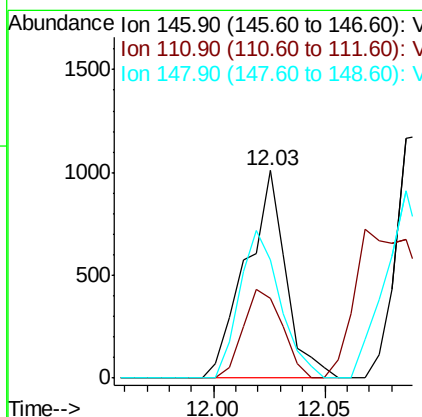
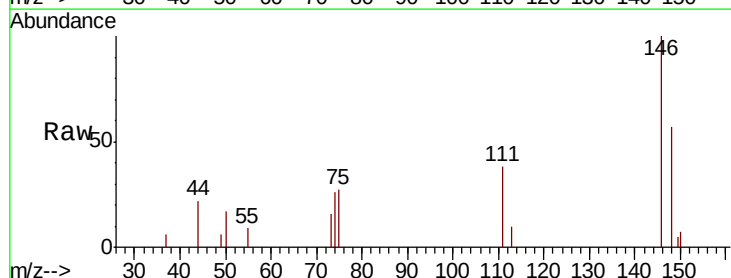
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

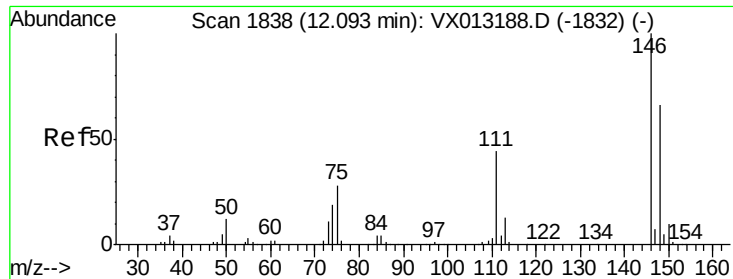
Tot Ion:105 Resp: 1387
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.4 64.3



#87
 1,3-Dichlorobenzene
 Concen: 0.442 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Tgt Ion:146 Resp: 1263
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.3 63.9
 148 72.1 31.6 94.8





#88

1,4-Dichlorobenzene

Concen: 0.435 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. -0.07 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D2-GW-20191021

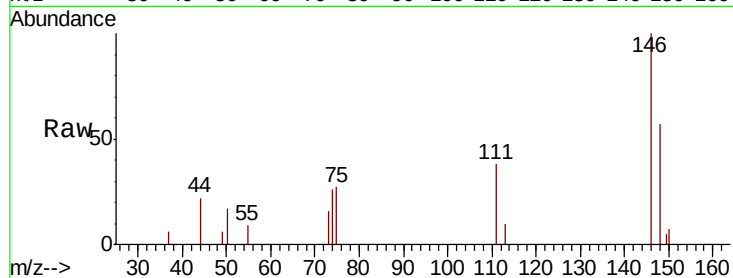
Tot Ion:146 Resp: 1263

Ion Ratio Lower Upper

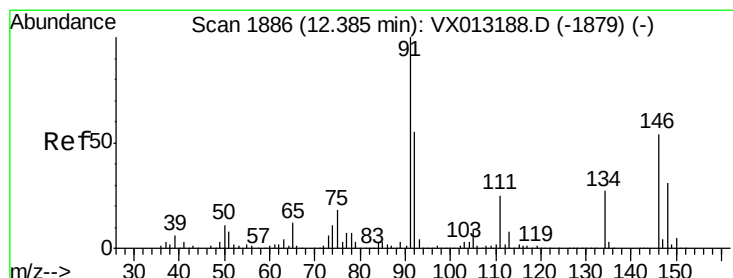
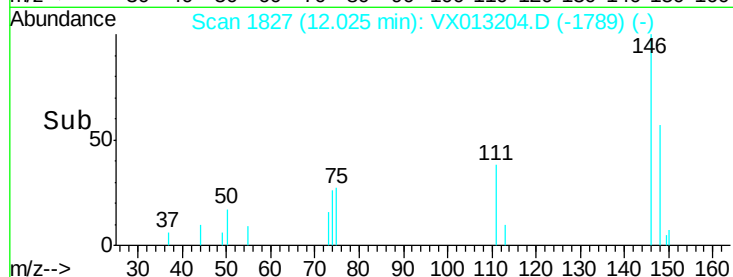
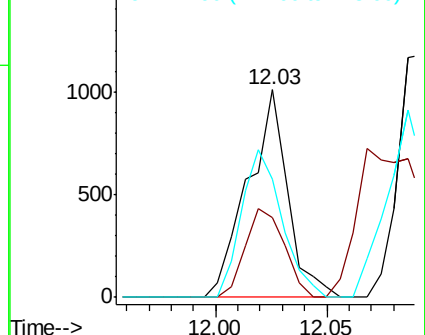
146 100

111 41.9 21.3 63.9

148 72.1 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.233 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

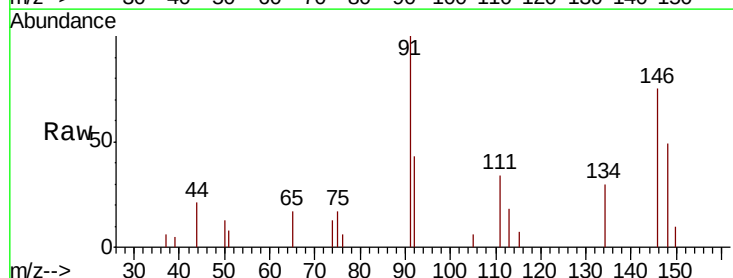
Tgt Ion: 91 Resp: 1105

Ion Ratio Lower Upper

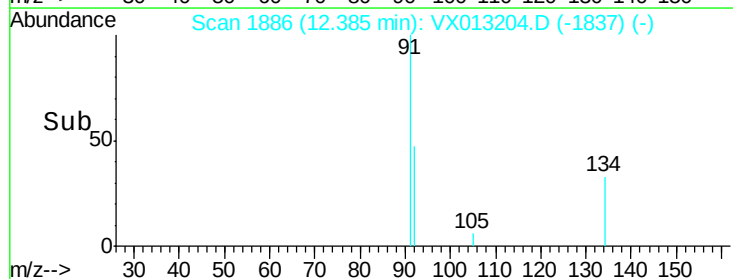
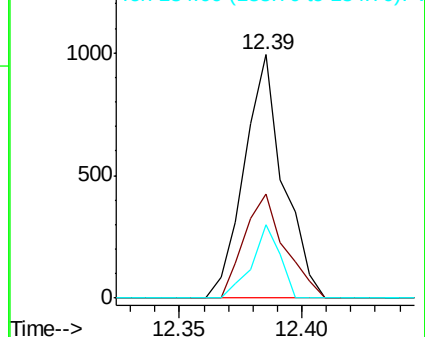
91 100

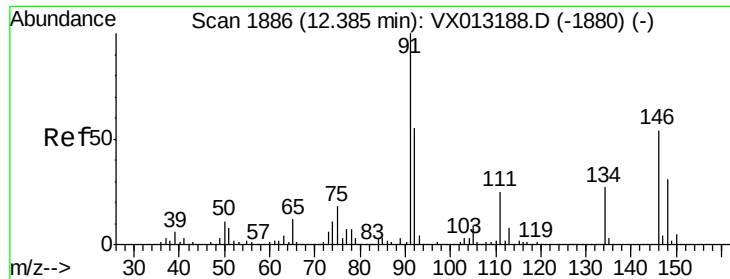
92 44.2 27.7 83.1

134 21.6 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

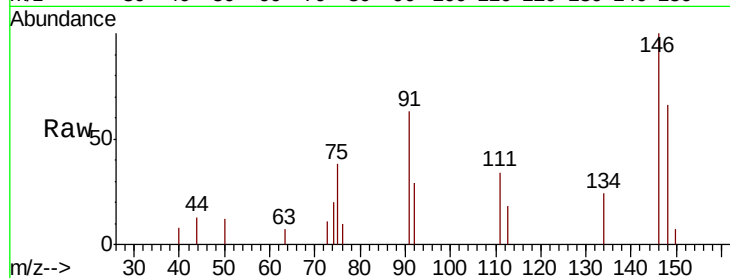




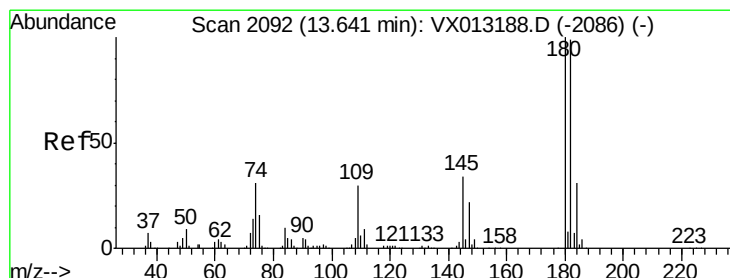
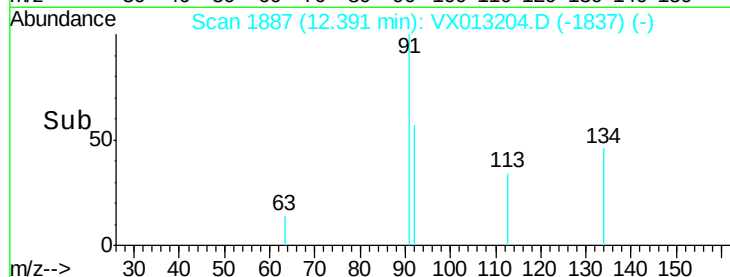
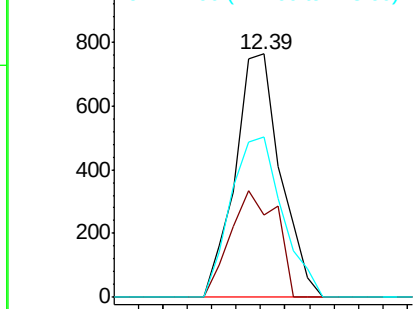
#91
1,2-Dichlorobenzene
Concen: 0.352 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW203D2-GW-20191021

Tot Ion:146 Resp: 988
Ion Ratio Lower Upper
146 100
111 44.4 22.9 68.8
148 74.7 31.8 95.3

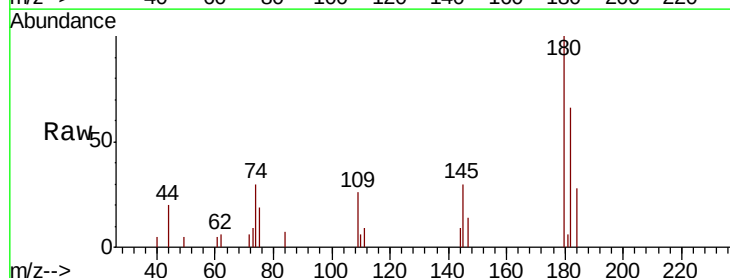


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

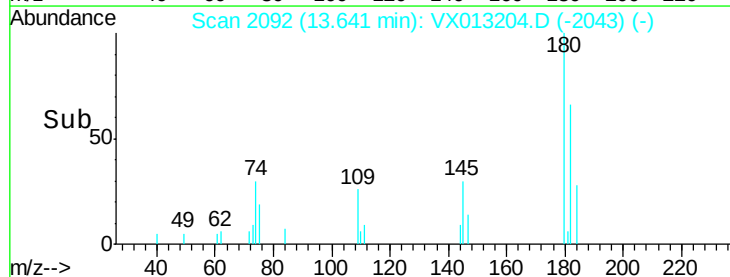
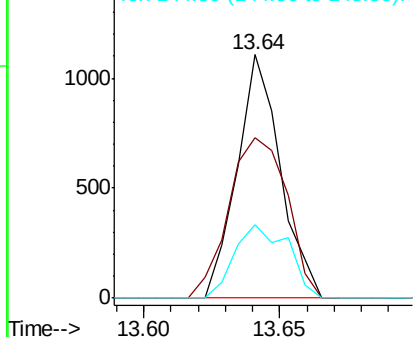


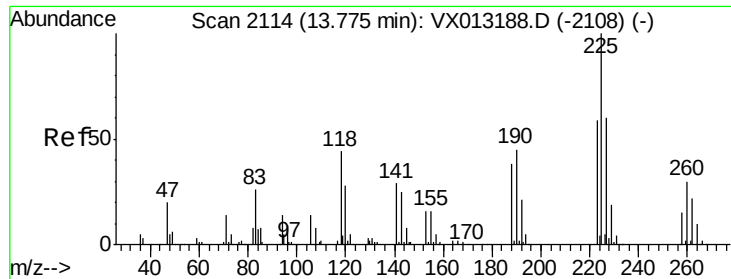
#93
1,2,4-Trichlorobenzene
Concen: 0.690 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013204.D
Acq: 24 Oct 2019 12:04

Tgt Ion:180 Resp: 1220
Ion Ratio Lower Upper
180 100
182 89.1 45.9 137.6
145 37.0 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.301 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203D2-GW-20191021

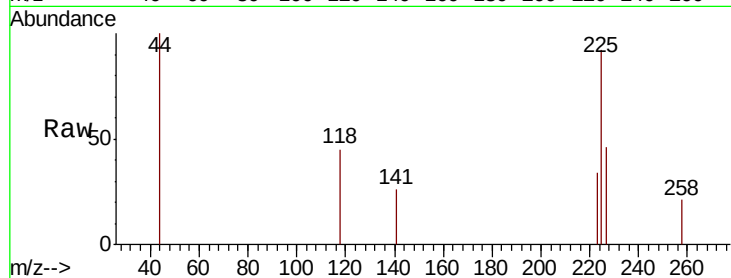
Tot Ion:225 Resp: 275

Ion Ratio Lower Upper

225 100

223 26.2 30.9 92.5#

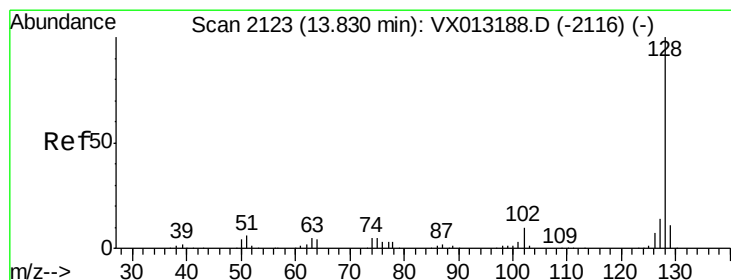
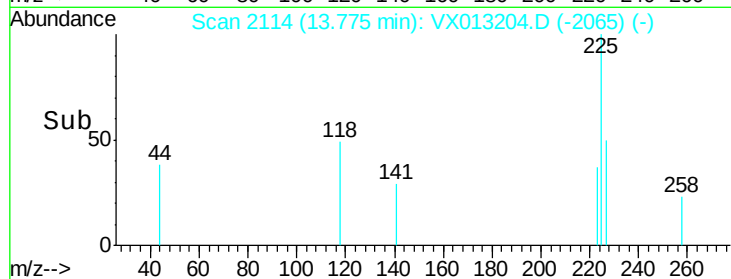
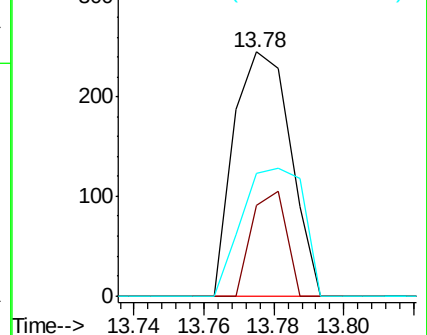
227 57.1 30.3 90.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.686 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013204.D

Acq: 24 Oct 2019 12:04

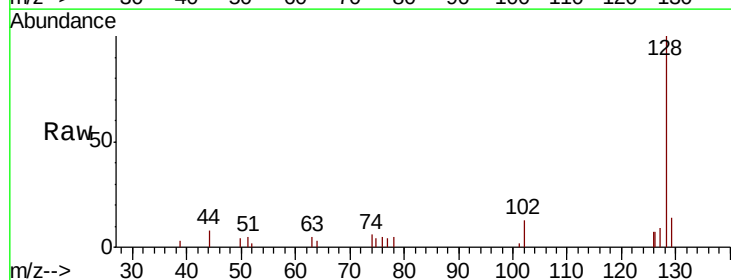
Tgt Ion:128 Resp: 3722

Ion Ratio Lower Upper

128 100

127 12.0 10.7 16.1

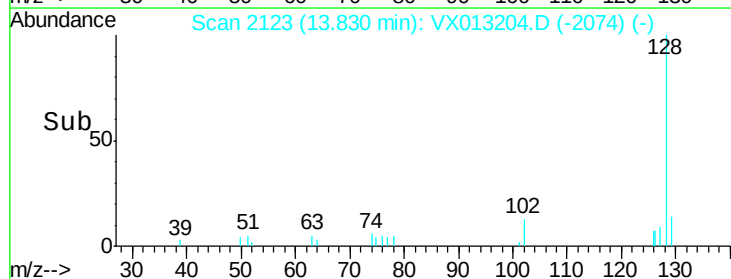
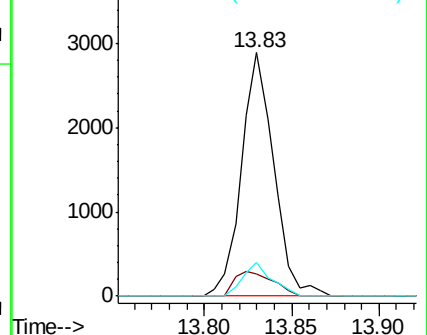
129 12.3 8.6 13.0

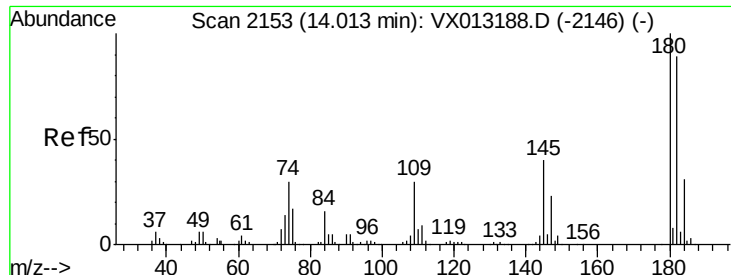


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

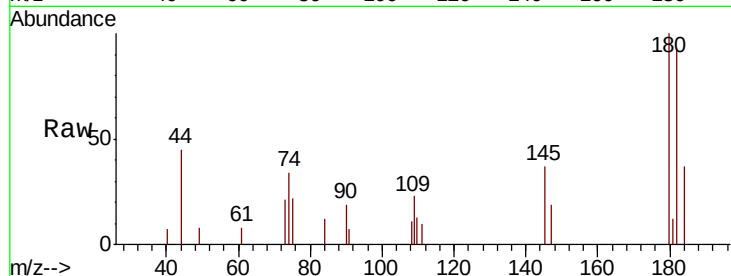




#96
 1,2,3-Trichlorobenzene
 Concen: 0.574 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013204.D
 Acq: 24 Oct 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.9	48.3	144.9
145	39.4	18.6	55.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

