

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX022619\
 Data File : VX007713.D
 Acq On : 26 Feb 2019 15:06
 Operator : JC/SP
 Sample : K1578-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-365-367

Quant Time: Feb 26 15:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	339511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	584717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	544598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249228	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210362	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	196756	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.71	98	707435	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.13	95	245320	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	6934	2.217 ug/l	95
3) Chloromethane	1.33	50	1444	0.417 ug/l #	65
4) Vinyl Chloride	1.41	62	769	0.216 ug/l	94
5) Bromomethane	1.65	94	584	Below Cal #	30
6) Chloroethane	1.71	64	1720	0.757 ug/l #	69
7) Trichlorofluoromethane	1.93	101	167194	30.672 ug/l	97
8) Diethyl Ether	2.18	74	442	0.198 ug/l	57
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1950	0.592 ug/l #	83
10) Methyl Iodide	2.51	142	93	0.023 ug/l #	1
11) Tert butyl alcohol	3.12	59	91	0.114 ug/l #	1
12) 1,1-Dichloroethene	2.38	96	28948	9.748 ug/l	94
13) Acrolein	2.29	56	303	0.427 ug/l #	14
14) Allyl chloride	2.74	41	228	0.042 ug/l #	28
15) Acrylonitrile	3.14	53	384	0.204 ug/l #	65
16) Acetone	2.45	43	13873	7.418 ug/l	95
17) Carbon Disulfide	2.57	76	2559	0.310 ug/l #	87
18) Methyl Acetate	2.78	43	1209	0.296 ug/l #	88
19) Methyl tert-butyl Ether	3.19	73	432	0.042 ug/l #	90
20) Methylene Chloride	2.86	84	296	0.086 ug/l #	41
21) trans-1,2-Dichloroethene	3.16	96	1058	0.328 ug/l #	75
22) Diisopropyl ether	3.88	45	385	0.034 ug/l #	32
23) Vinyl Acetate	3.84	43	347	0.035 ug/l #	71
24) 1,1-Dichloroethane	3.70	63	13174	2.121 ug/l	96
25) 2-Butanone	4.71	43	3582	1.257 ug/l #	61
26) 2,2-Dichloropropane	4.70	77	350	0.071 ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	4445	1.082 ug/l	82
28) Bromochloromethane	5.01	49	109	0.036 ug/l #	66
29) Tetrahydrofuran	5.14	42	129	0.069 ug/l #	1
30) Chloroform	5.21	83	13174	1.980 ug/l	100
31) Cyclohexane	5.58	56	322	0.055 ug/l #	41
32) 1,1,1-Trichloroethane	5.49	97	9368	1.702 ug/l	93
36) 1,1-Dichloropropene	5.66	75	23203	4.414 ug/l #	49
37) Ethyl Acetate	4.84	43	435	0.074 ug/l #	1
38) Carbon Tetrachloride	5.67	117	32370	6.130 ug/l #	18

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.66	83	301	0.045	ug/l	95
40) Benzene	6.15	78	1875	0.116	ug/l #	40
41) Methacrylonitrile	5.05	41	222	0.071	ug/l #	37
42) 1,2-Dichloroethane	6.20	62	612	0.112	ug/l #	37
43) Isopropyl Acetate	6.44	43	296	0.033	ug/l #	28
44) Trichloroethene	7.21	130	82035	18.377	ug/l	98
45) 1,2-Dichloropropane	7.50	63	321	0.076	ug/l #	51
46) Dibromomethane	7.66	93	519	0.177	ug/l #	48
47) Bromodichloromethane	7.91	83	419	0.082	ug/l #	1
48) Methyl methacrylate	7.78	41	1037	0.220	ug/l #	50
49) 1,4-Dioxane	7.76	88	1489	14.634	ug/l #	50
51) 4-Methyl-2-Pentanone	8.38	43	434	0.072	ug/l	94
52) Toluene	8.79	92	1445	0.141	ug/l #	49
53) t-1,3-Dichloropropene	9.02	75	237	2.838	ug/l #	51
54) cis-1,3-Dichloropropene	8.45	75	428	0.069	ug/l #	35
55) 1,1,2-Trichloroethane	9.22	97	911	0.213	ug/l	96
56) Ethyl methacrylate	9.18	69	147	0.024	ug/l #	25
57) 1,3-Dichloropropane	9.26	76	247	0.036	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.30	63	131	0.039	ug/l	93
59) 2-Hexanone	9.49	43	1227	0.260	ug/l	96
60) Dibromochloromethane	9.34	129	48090	11.712	ug/l #	13
61) 1,2-Dibromoethane	9.40	107	173	0.039	ug/l	91
64) Tetrachloroethene	9.34	164	52006	11.763	ug/l	95
65) Chlorobenzene	10.14	112	455	0.039	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.23	131	204	0.050	ug/l #	64
67) Ethyl Benzene	10.26	91	753	0.039	ug/l	98
68) m/p-Xylenes	10.36	106	424	0.056	ug/l #	22
69) o-Xylene	10.78	106	66	0.009	ug/l	40
70) Styrene	10.71	104	470	0.039	ug/l #	86
71) Bromoform	10.86	173	74	0.024	ug/l #	29
73) Isopropylbenzene	11.09	105	130	0.007	ug/l	82
74) N-amyl acetate	10.91	43	2086	0.270	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.27	83	340	0.055	ug/l #	83
76) 1,2,3-Trichloropropane	11.13	75	116622	21.953	ug/l #	33
77) Bromobenzene	11.25	156	186	0.042	ug/l	49
78) n-propylbenzene	11.32	91	147	0.007	ug/l	77
79) 2-Chlorotoluene	11.50	91	595	0.049	ug/l	78
80) 1,3,5-Trimethylbenzene	11.50	105	307	0.021	ug/l	82
81) trans-1,4-Dichloro-2-buten	11.13	75	116622	58.296	ug/l #	9
82) 4-Chlorotoluene	11.50	91	595	0.042	ug/l	86
83) tert-Butylbenzene	11.66	119	144	0.010	ug/l	81
84) 1,2,4-Trimethylbenzene	11.76	105	235	0.016	ug/l	69
85) sec-Butylbenzene	11.91	105	132	0.007	ug/l	79
86) p-Isopropyltoluene	12.07	119	497	0.032	ug/l #	1
87) 1,3-Dichlorobenzene	12.02	146	417	0.050	ug/l	83
88) 1,4-Dichlorobenzene	12.02	146	417	0.049	ug/l	83
89) n-Butylbenzene	12.39	91	842	0.061	ug/l	87
90) Hexachloroethane	12.34	117	121	0.047	ug/l	70
91) 1,2-Dichlorobenzene	12.22	146	192	0.023	ug/l	71
92) 1,2-Dibromo-3-Chloropropan	12.95	75	97	0.072	ug/l	71

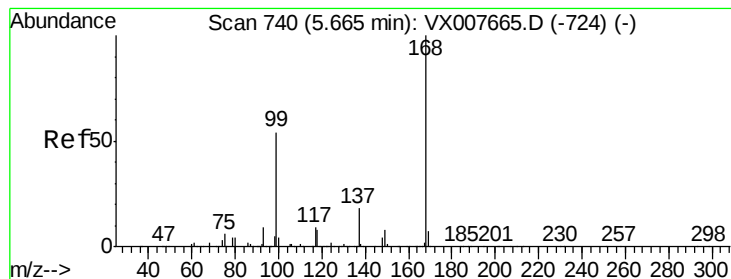
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	363	0.072	ug/l #	82
94) Hexachlorobutadiene	13.78	225	110	0.048	ug/l #	31
95) Naphthalene	13.84	128	1543	0.094	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.02	180	263	0.052	ug/l #	6

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

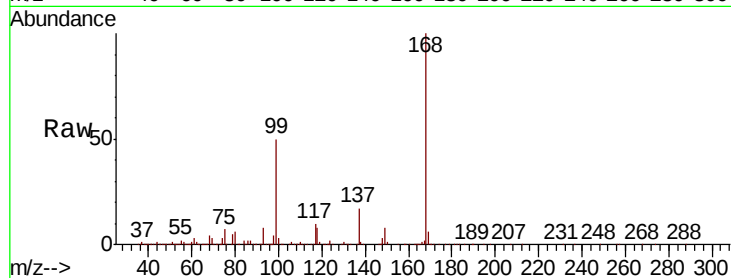
BP-VPB201-GW-365-367

Tgt Ion:168 Resp: 339511

Ion Ratio Lower Upper

168 100

99 50.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX007713.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX007713.D (-691) (-)

5.67

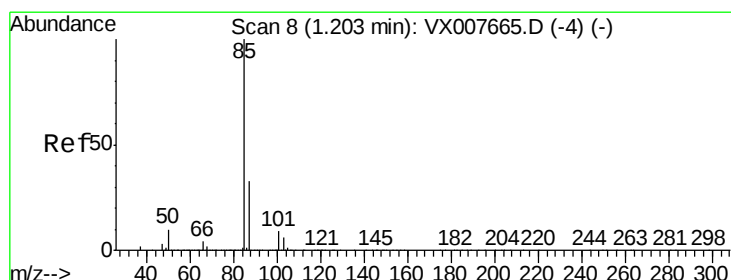
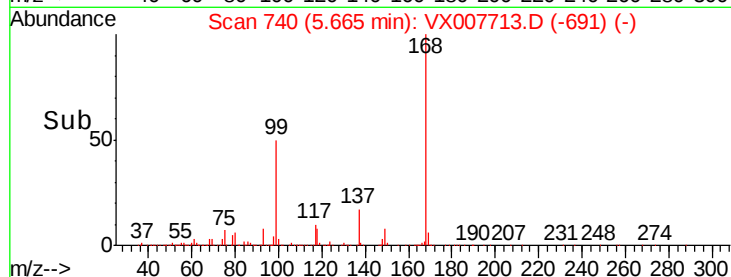
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 2.217 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007713.D

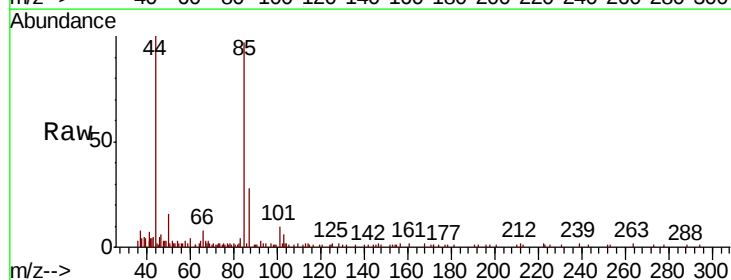
Acq: 26 Feb 2019 15:06

Tgt Ion: 85 Resp: 6934

Ion Ratio Lower Upper

85 100

87 28.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX007713.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX007713.D (-1) (-)

1.20

6000

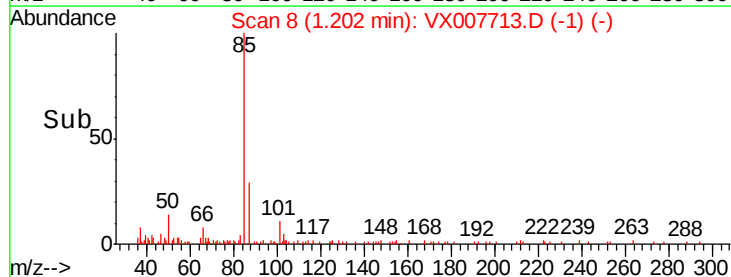
4000

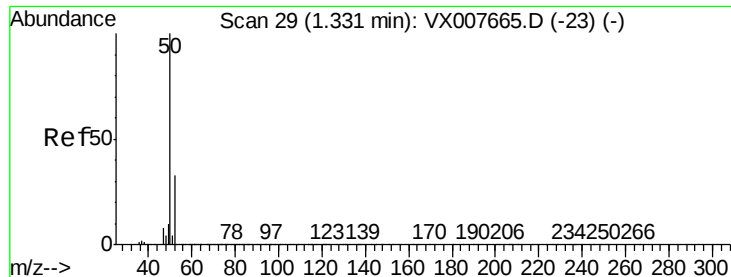
2000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.417 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

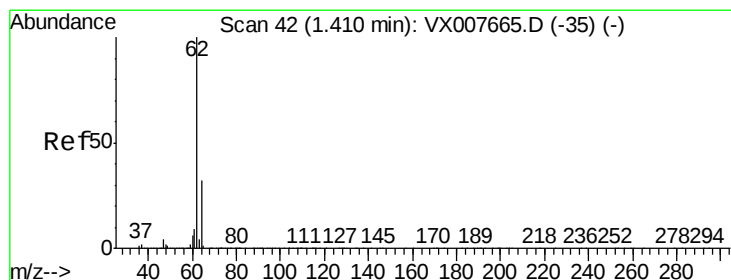
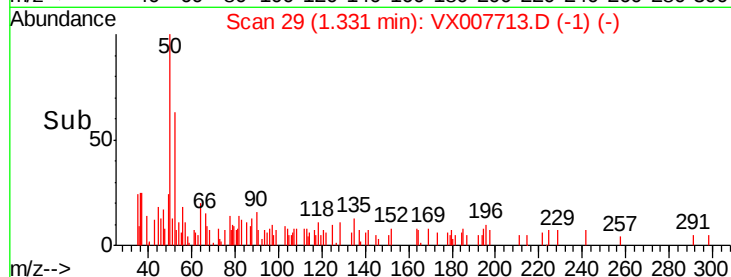
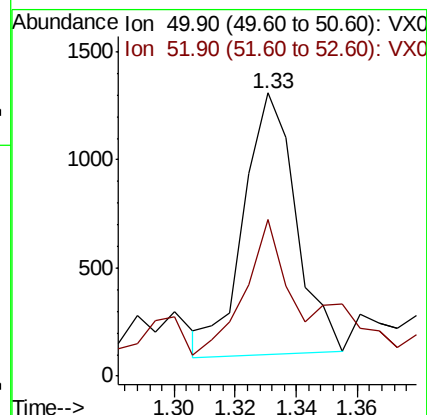
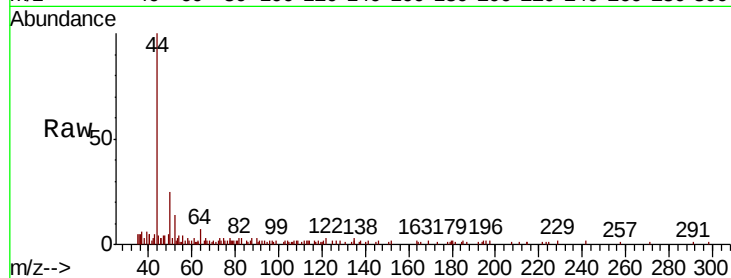
BP-VPB201-GW-365-367

Tgt Ion: 50 Resp: 1444

Ion Ratio Lower Upper

50 100

52 52.4 26.1 39.1#



#4

Vinyl Chloride

Concen: 0.216 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007713.D

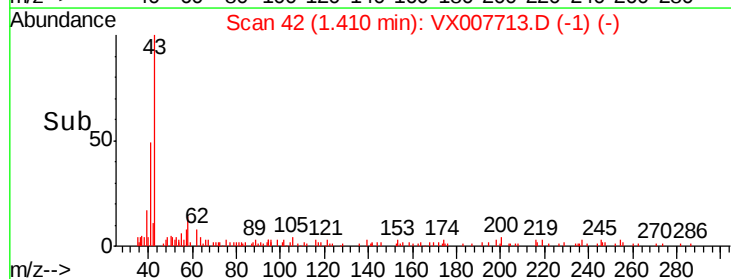
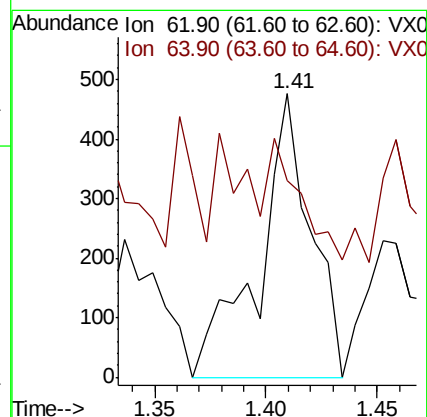
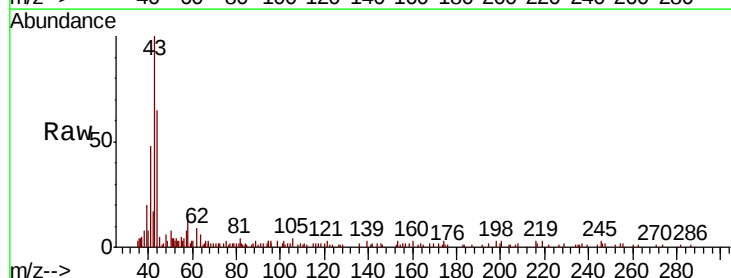
Acq: 26 Feb 2019 15:06

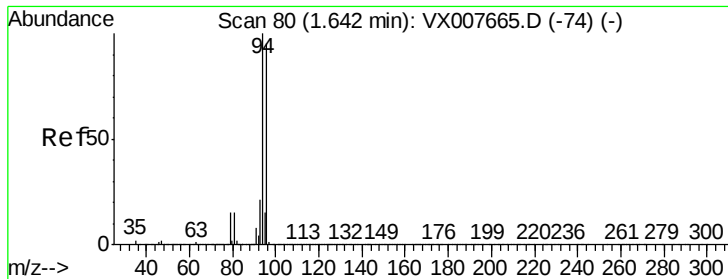
Tgt Ion: 62 Resp: 769

Ion Ratio Lower Upper

62 100

64 28.2 25.4 38.0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

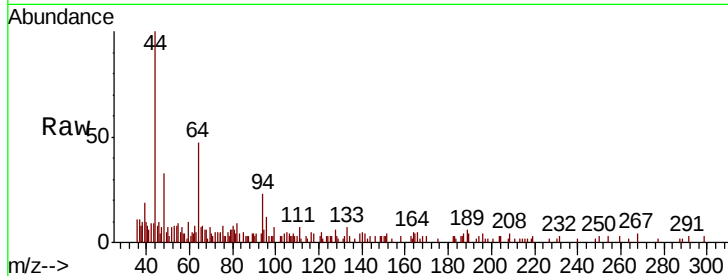
BP-VPB201-GW-365-367

Tgt Ion: 94 Resp: 584

Ion Ratio Lower Upper

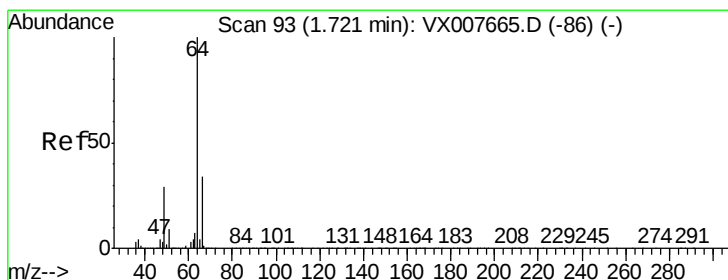
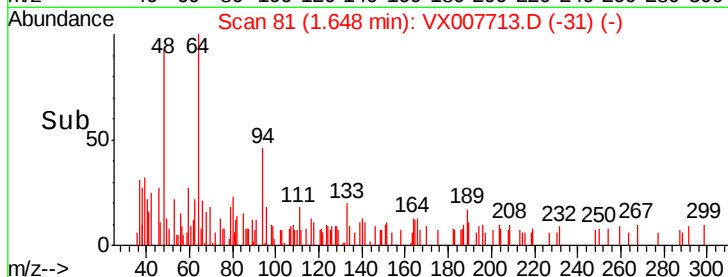
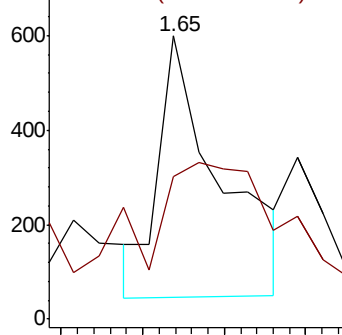
94 100

96 25.9 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.757 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007713.D

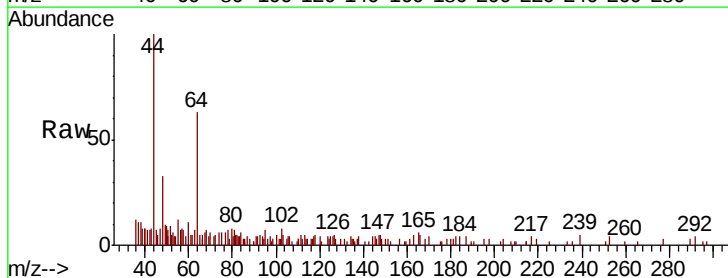
Acq: 26 Feb 2019 15:06

Tgt Ion: 64 Resp: 1720

Ion Ratio Lower Upper

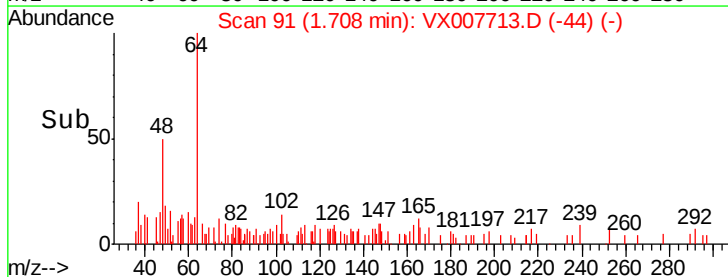
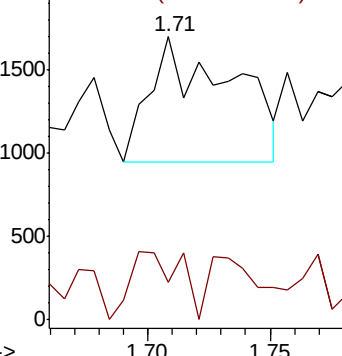
64 100

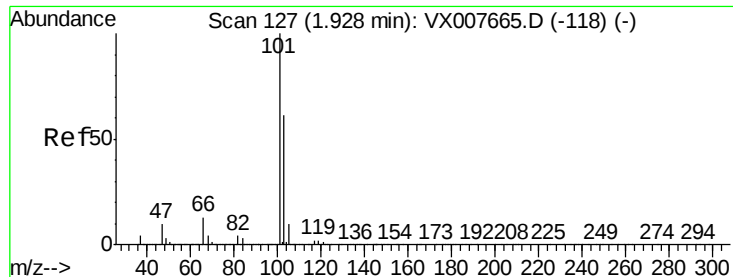
66 14.7 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



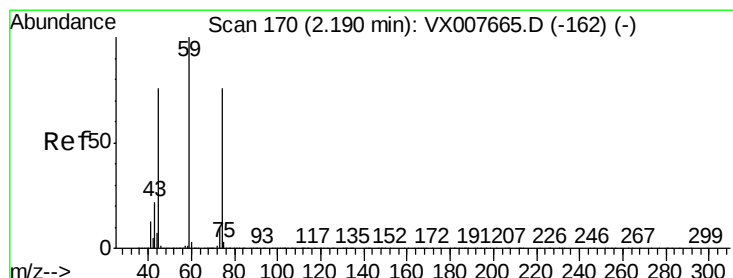
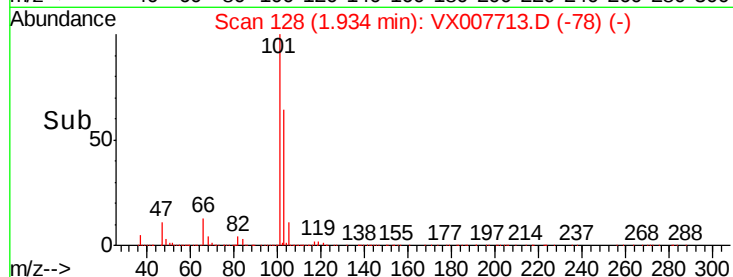
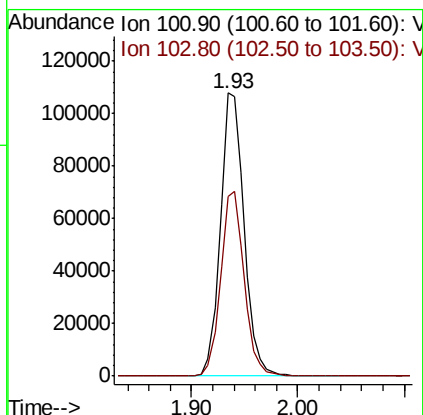
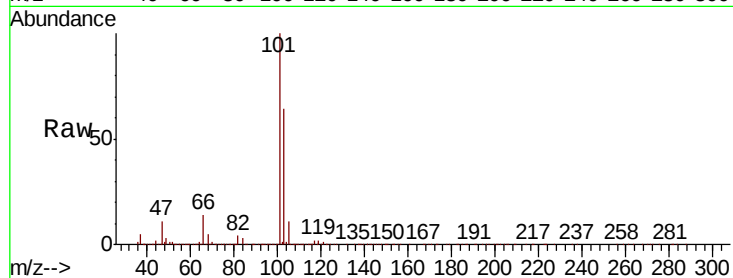


#7

Trichlorofluoromethane
Concen: 30.672 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

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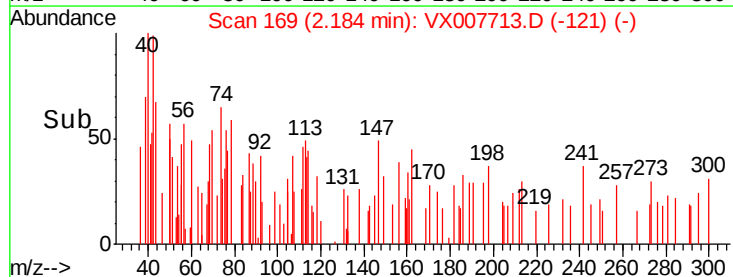
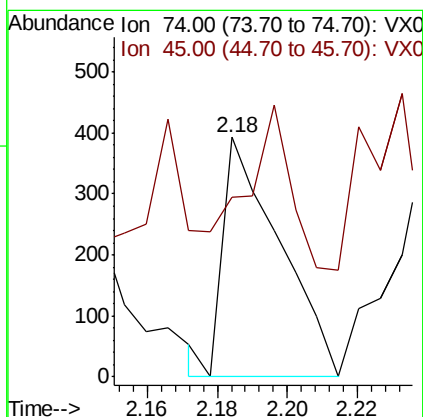
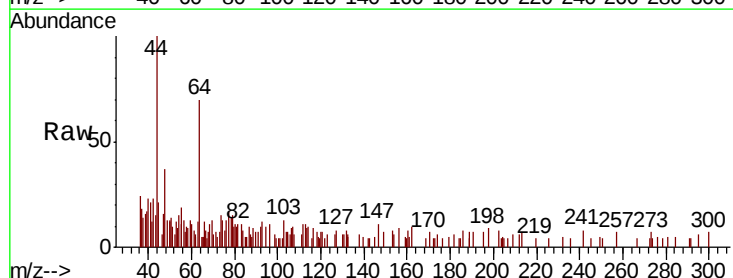
Tgt Ion:101 Resp: 167194
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

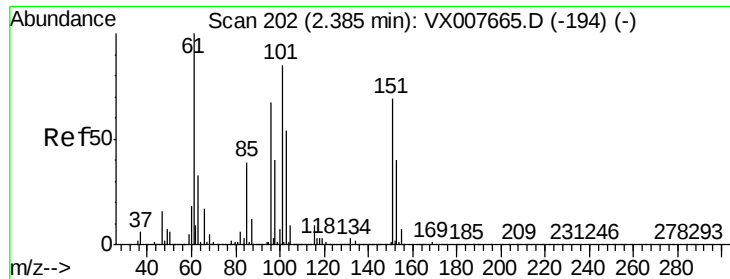


#8

Diethyl Ether
Concen: 0.198 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 74 Resp: 442
Ion Ratio Lower Upper
74 100
45 50.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.592 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

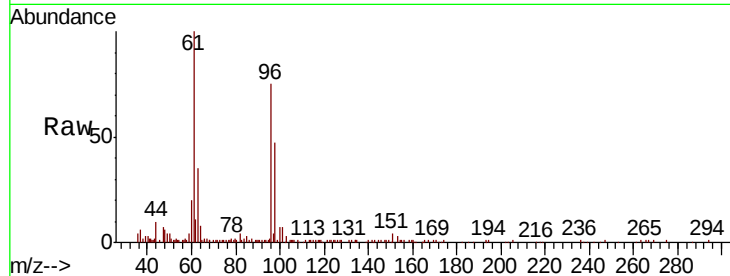
Tgt Ion:101 Resp: 1950

Ion Ratio Lower Upper

101 100

85 49.6 34.1 51.1

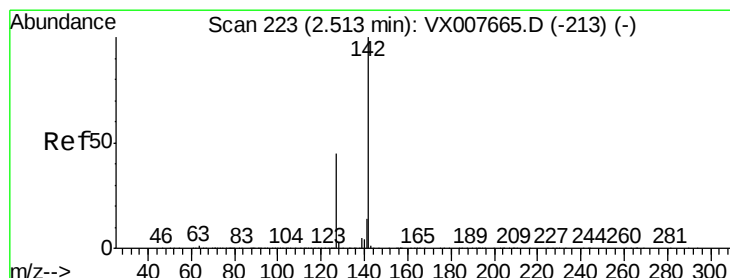
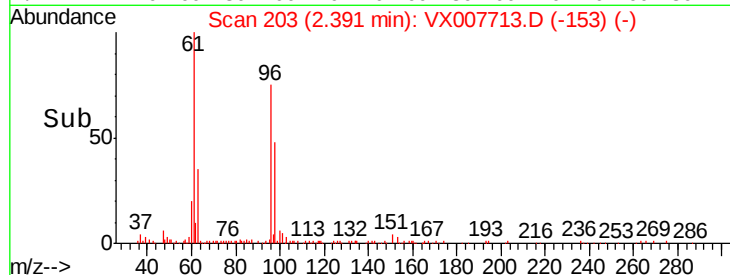
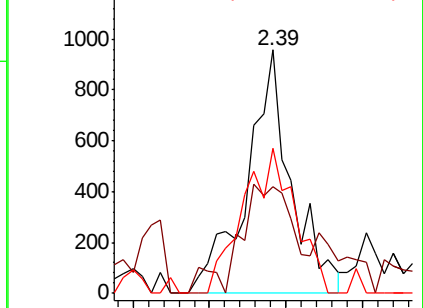
151 69.4 69.9 104.9#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.023 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

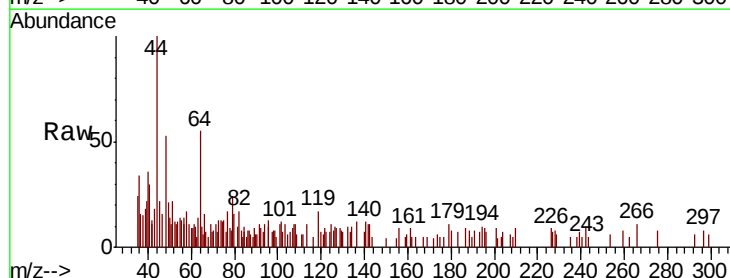
Tgt Ion:142 Resp: 93

Ion Ratio Lower Upper

142 100

127 382.8 33.7 50.5#

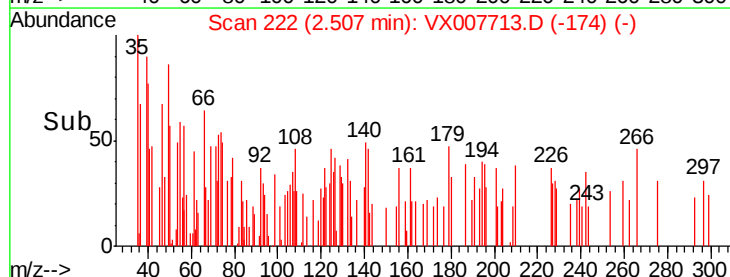
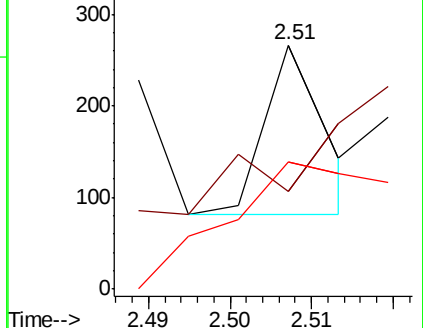
141 383.9 11.3 16.9#

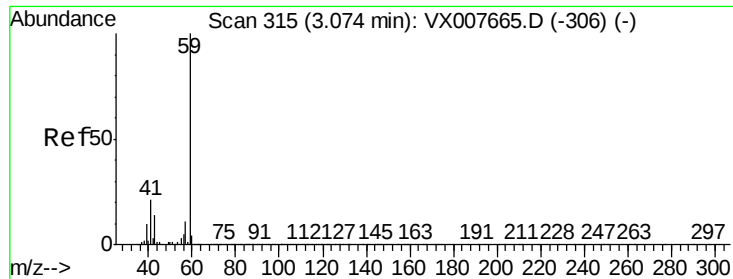


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



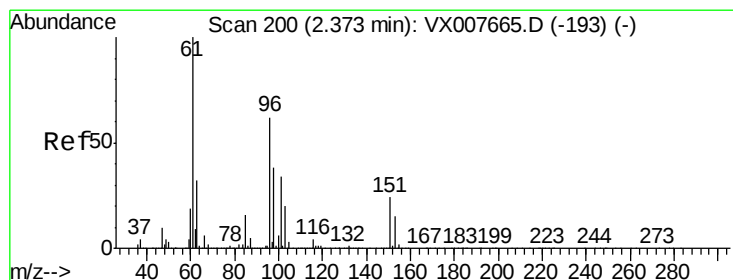
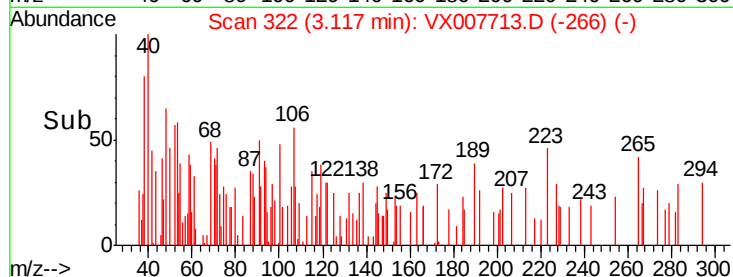
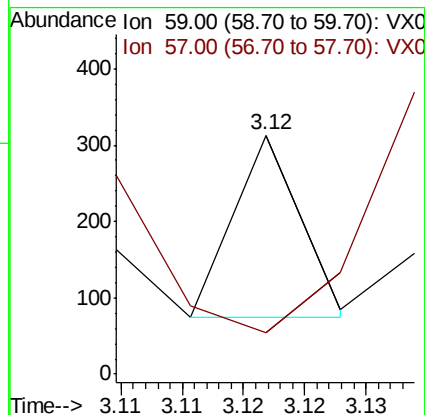
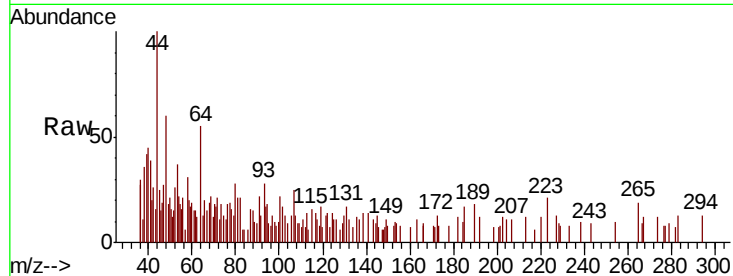


#11

Tert butyl alcohol
Concen: 0.114 ug/l
RT: 3.12 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

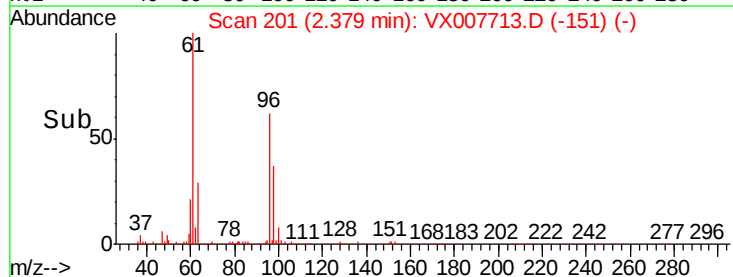
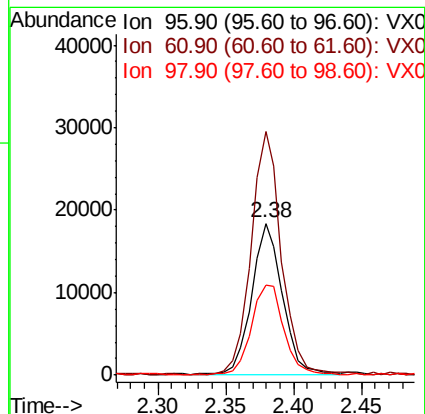
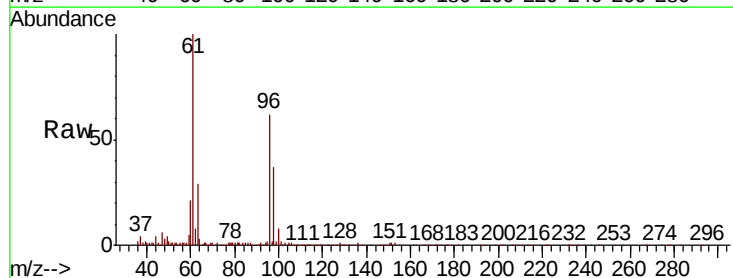
Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 169.2 8.1 12.1#

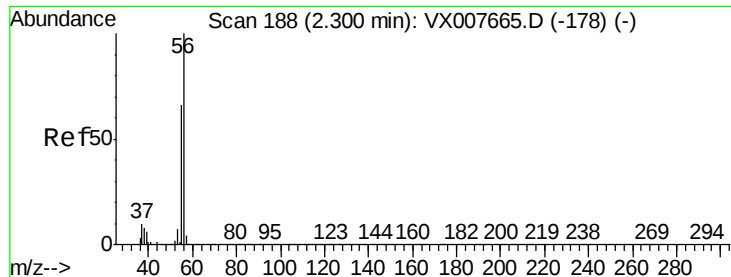


#12

1,1-Dichloroethene
Concen: 9.748 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 96 Resp: 28948
Ion Ratio Lower Upper
96 100
61 161.4 123.0 184.4
98 59.4 50.9 76.3

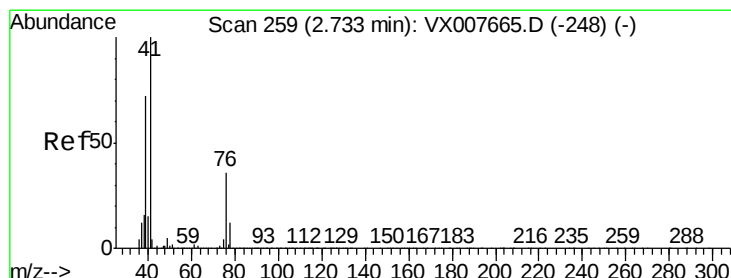
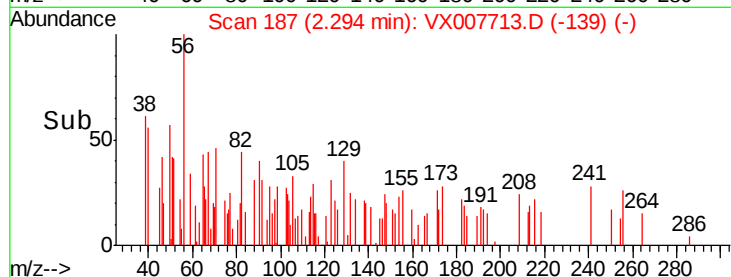
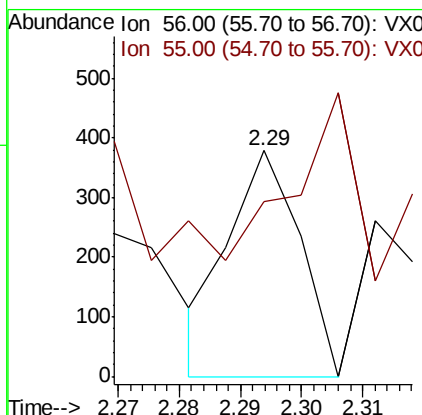
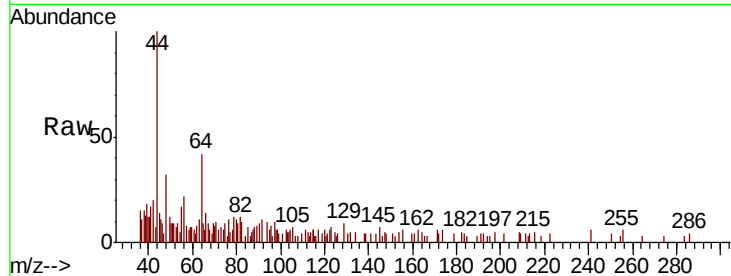




#13
Acrolein
Concen: 0.427 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

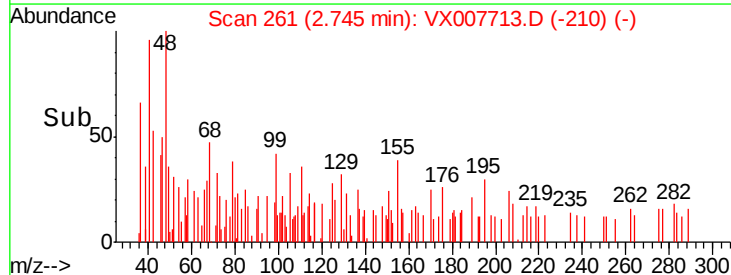
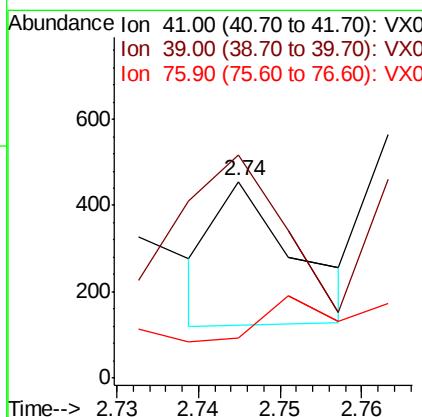
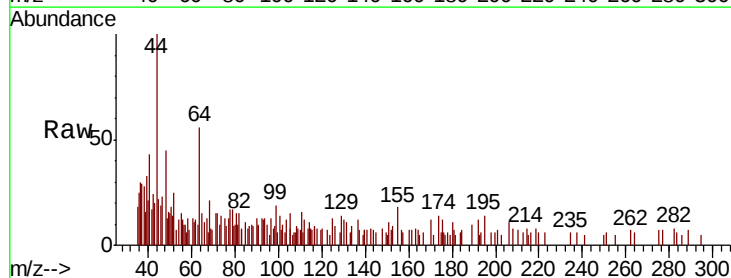
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

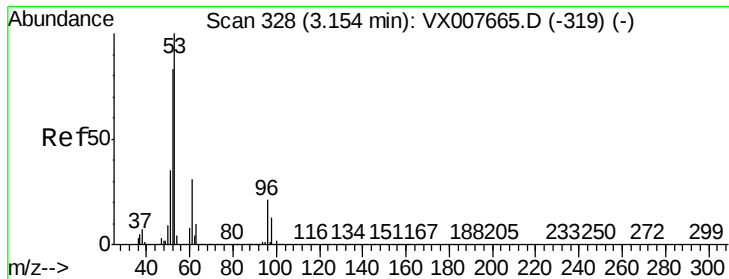
Tgt Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



#14
Allyl chloride
Concen: 0.042 ug/l
RT: 2.74 min Scan# 261
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 41 Resp: 228
Ion Ratio Lower Upper
41 100
39 130.3 54.1 81.1#
76 0.0 27.8 41.8#





#15

Acrylonitrile

Concen: 0.204 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.02 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

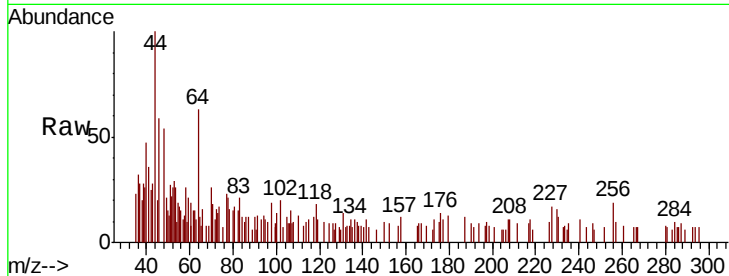
Tgt Ion: 53 Resp: 384

Ion Ratio Lower Upper

53 100

52 61.7 66.4 99.6#

51 0.0 28.4 42.6#



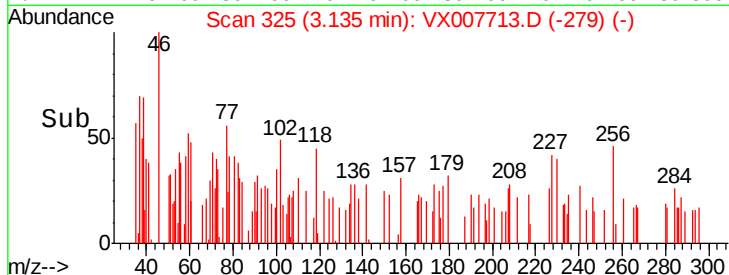
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

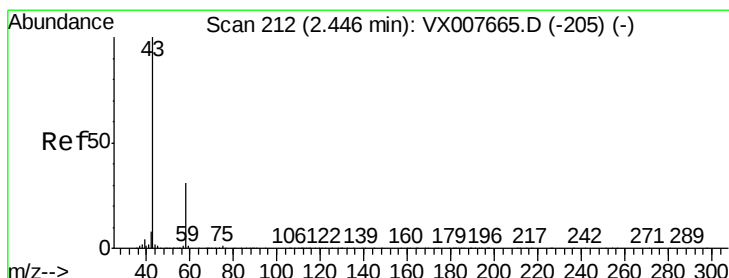
Ion 51.00 (50.70 to 51.70): VX0

3.14

Time-->



Time-->



#16

Acetone

Concen: 7.418 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007713.D

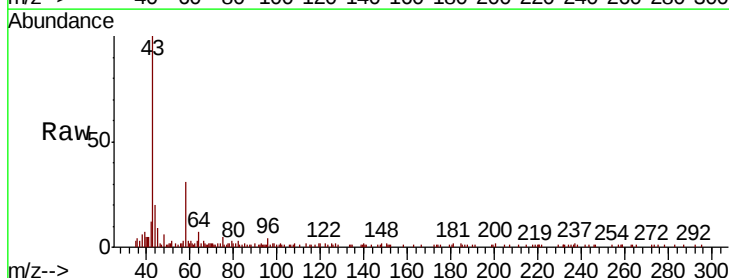
Acq: 26 Feb 2019 15:06

Tgt Ion: 43 Resp: 13873

Ion Ratio Lower Upper

43 100

58 28.5 24.9 37.3

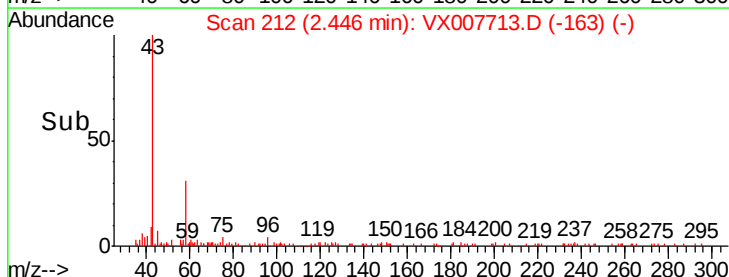


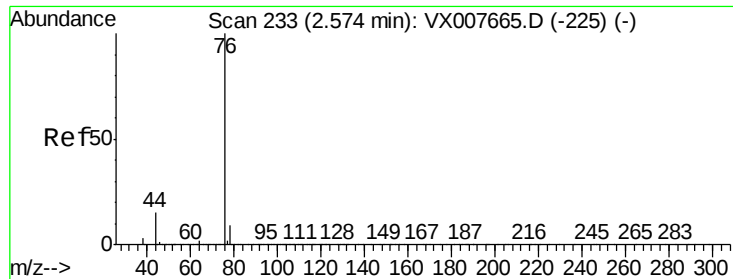
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

Time-->





#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

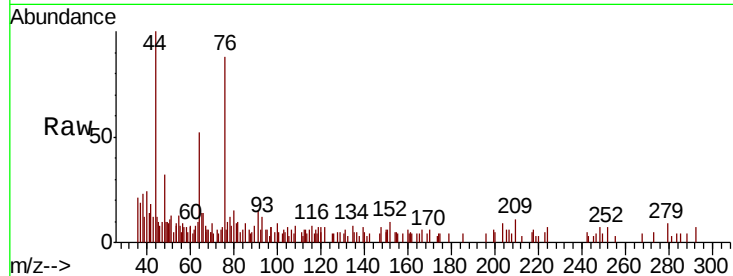
BP-VPB201-GW-365-367

Tgt Ion: 76 Resp: 2559

Ion Ratio Lower Upper

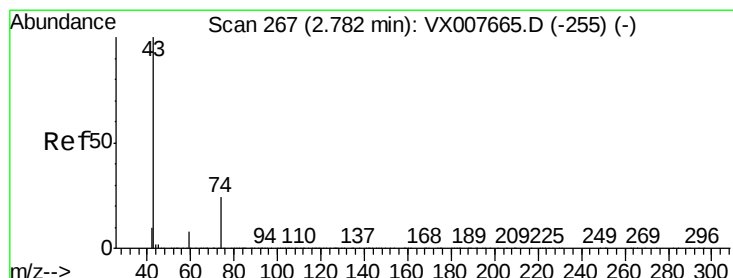
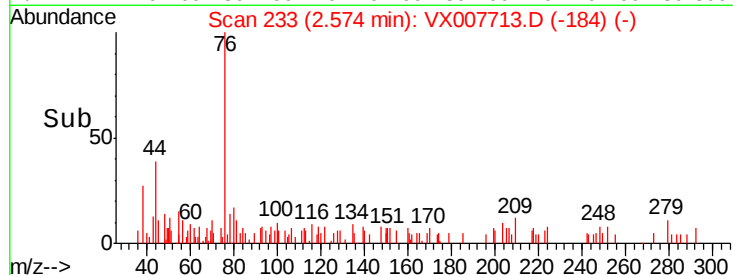
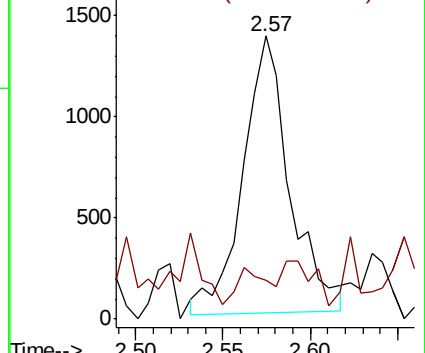
76 100

78 4.1 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.296 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007713.D

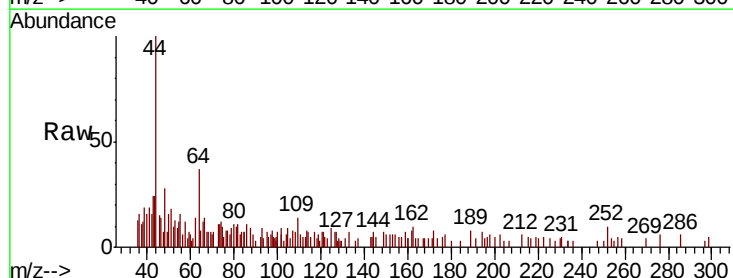
Acq: 26 Feb 2019 15:06

Tgt Ion: 43 Resp: 1209

Ion Ratio Lower Upper

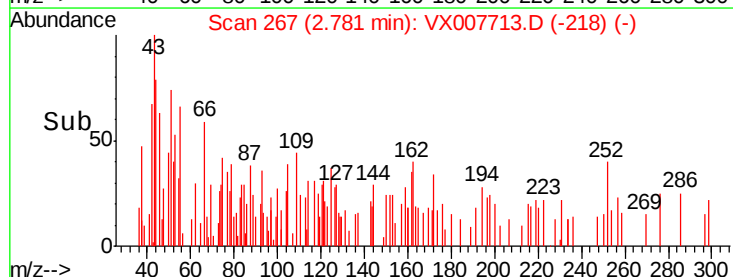
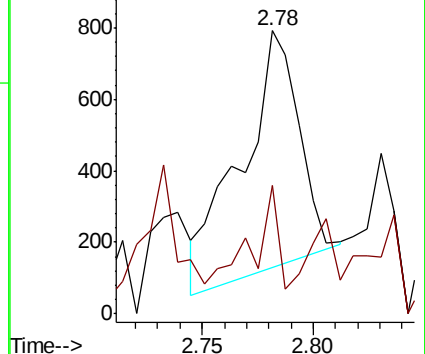
43 100

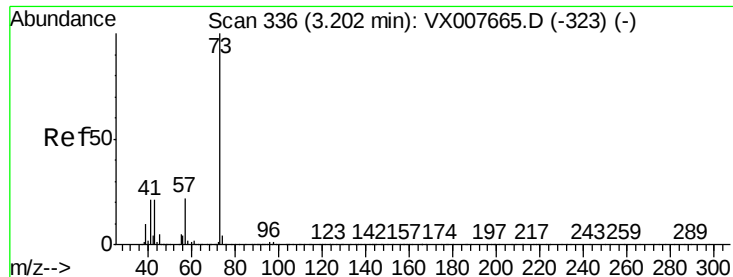
74 18.2 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.042 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

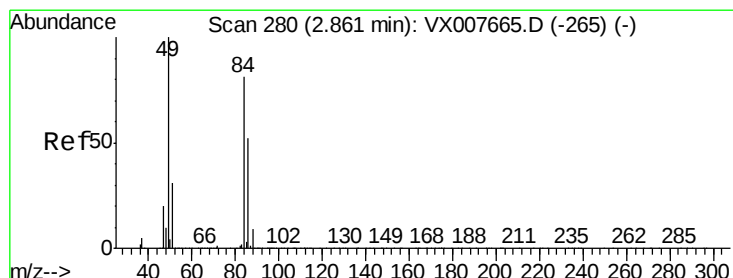
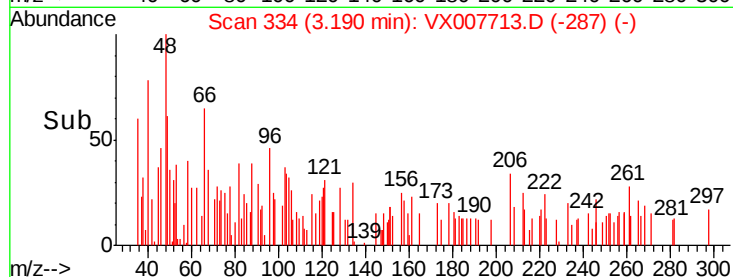
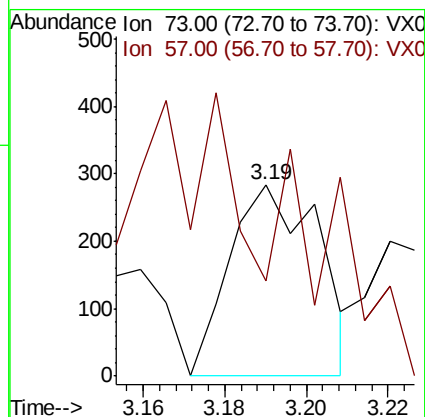
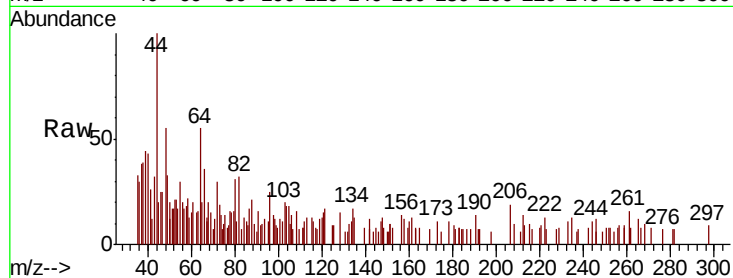
BP-VPB201-GW-365-367

Tgt Ion: 73 Resp: 432

Ion Ratio Lower Upper

73 100

57 27.1 17.8 26.8#



#20

Methylene Chloride

Concen: 0.086 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Tgt Ion: 84 Resp: 296

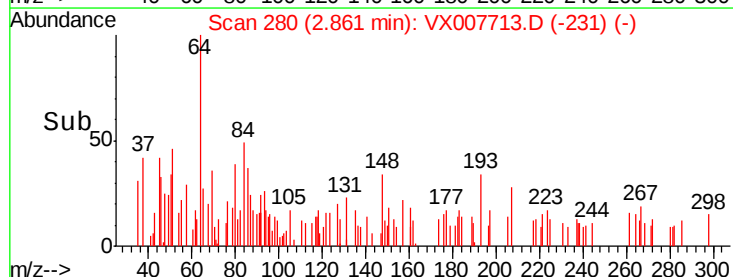
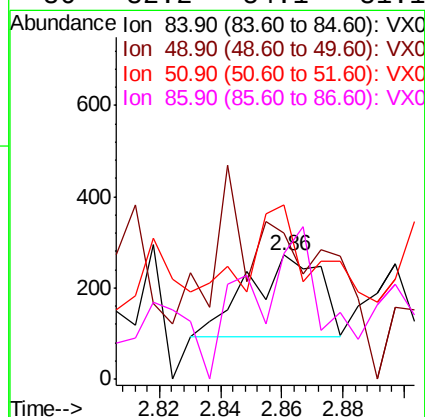
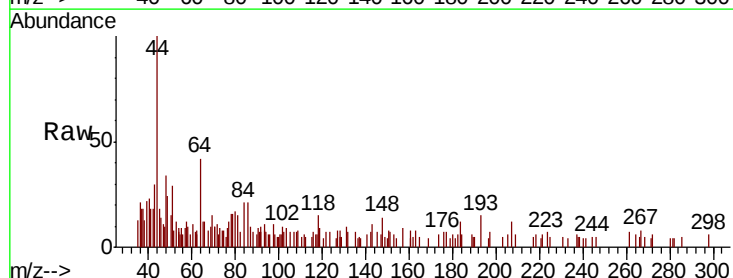
Ion Ratio Lower Upper

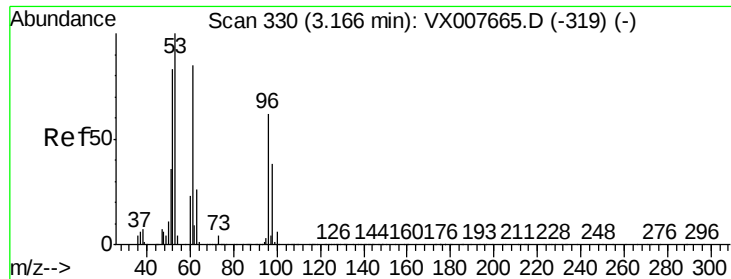
84 100

49 47.2 94.8 142.2#

51 106.1 29.8 44.8#

86 82.2 54.1 81.1#





#21

trans-1,2-Dichloroethene

Concen: 0.328 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

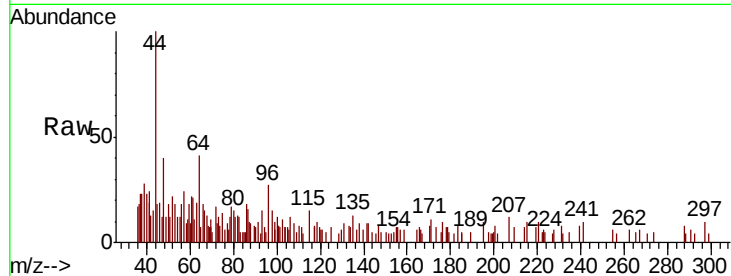
Tgt Ion: 96 Resp: 1058

Ion Ratio Lower Upper

96 100

61 116.7 104.6 156.8

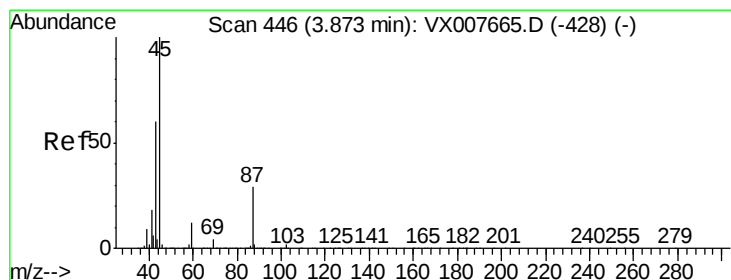
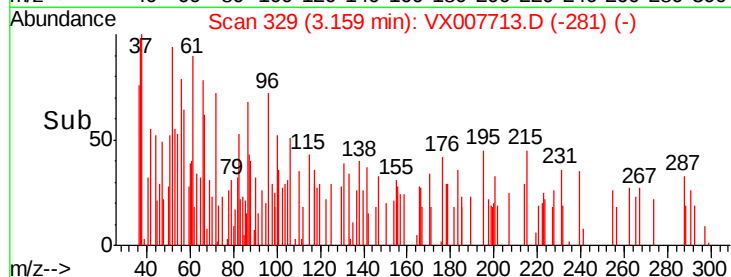
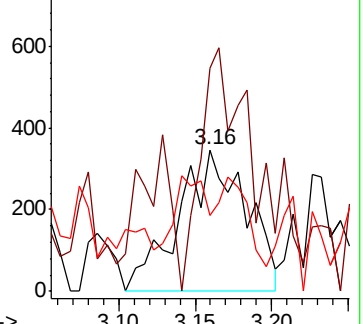
98 22.2 51.0 76.4#



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



#22

Diisopropyl ether

Concen: 0.034 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Tgt Ion: 45 Resp: 385

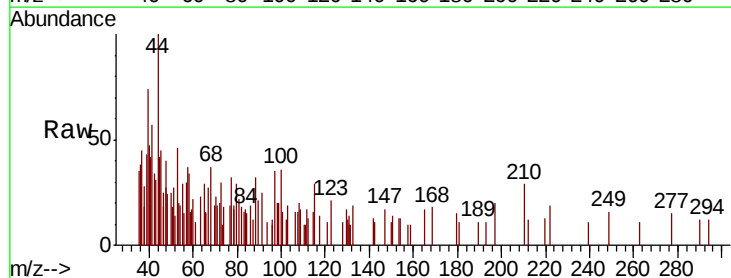
Ion Ratio Lower Upper

45 100

43 0.0 48.9 73.3#

87 0.0 23.9 35.9#

59 27.9 9.6 14.4#

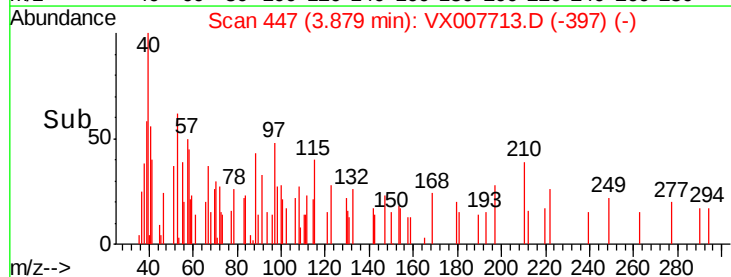
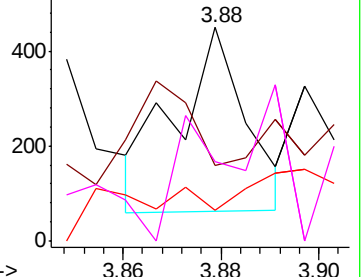


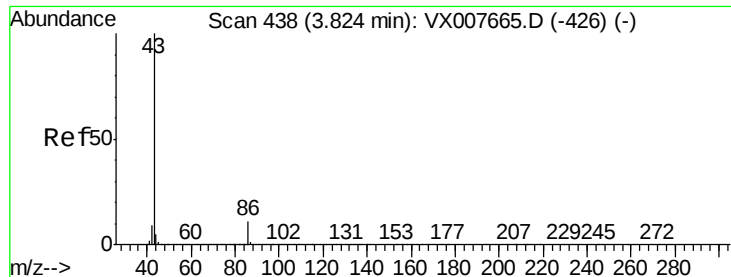
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.035 ug/l

RT: 3.84 min Scan# 440

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

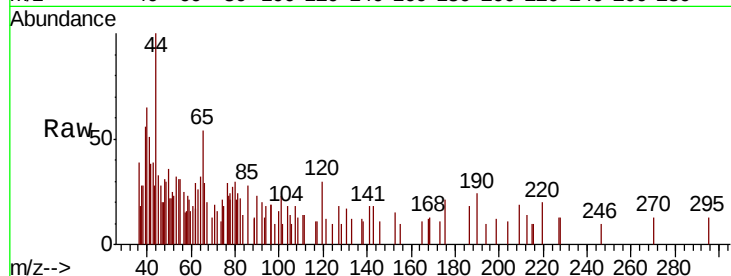
BP-VPB201-GW-365-367

Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

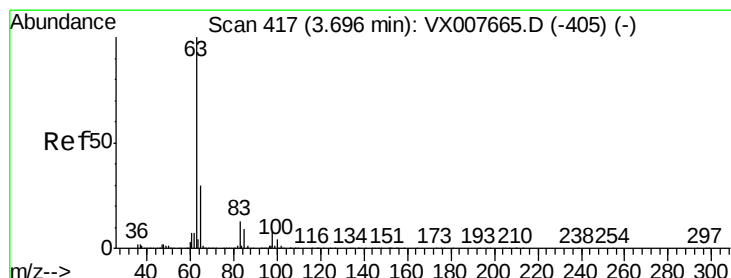
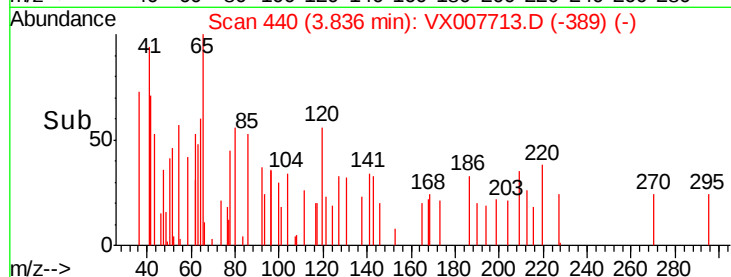
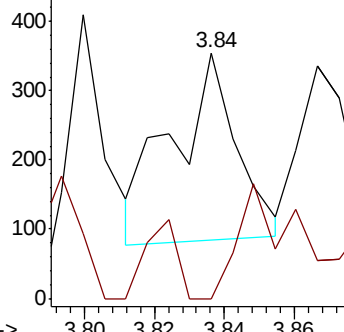
43 100

86 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 2.121 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

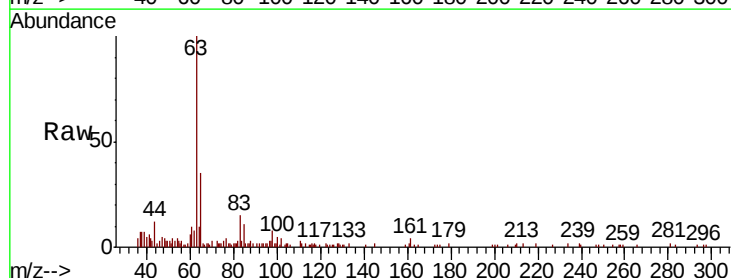
Tgt Ion: 63 Resp: 13174

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

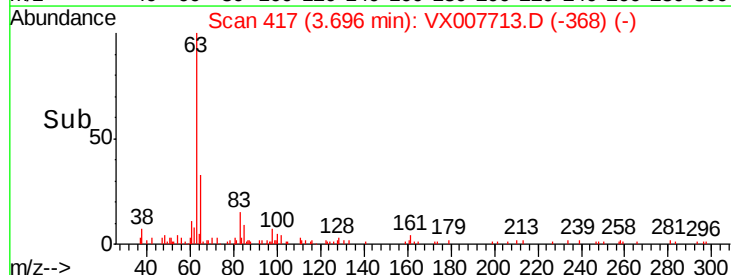
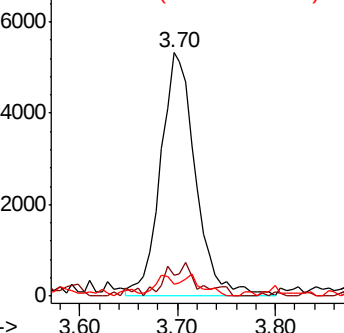
100 2.5 2.5 7.4

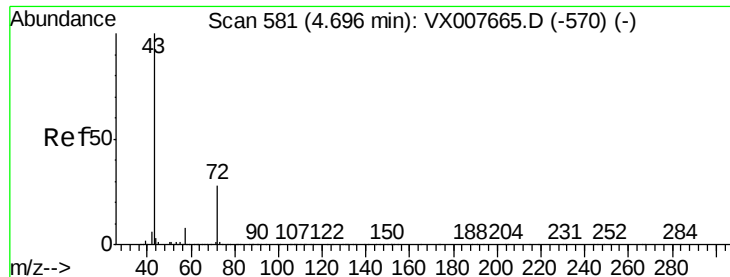


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 1.257 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

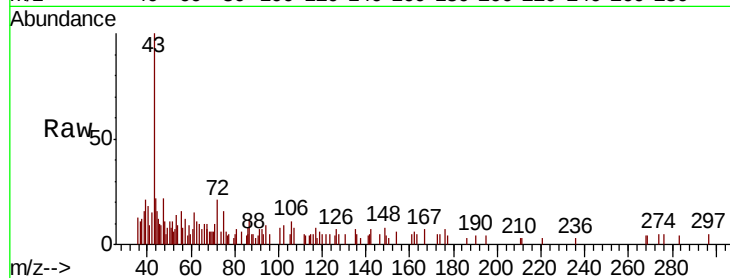
BP-VPB201-GW-365-367

Tgt Ion: 43 Resp: 3582

Ion Ratio Lower Upper

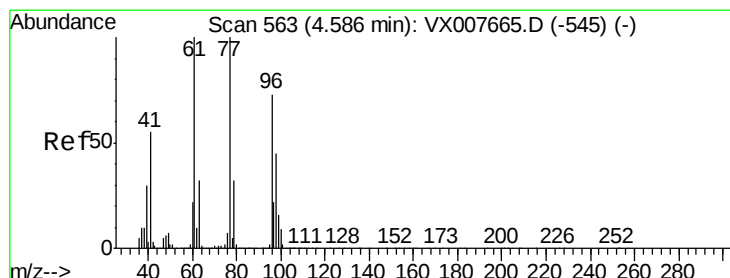
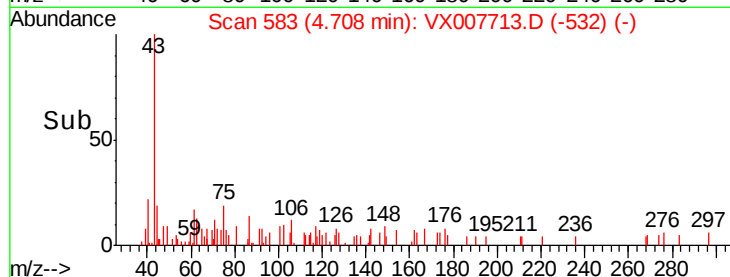
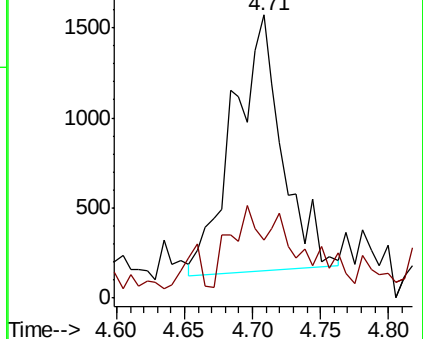
43 100

72 7.2 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.071 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.11 min

Lab File: VX007713.D

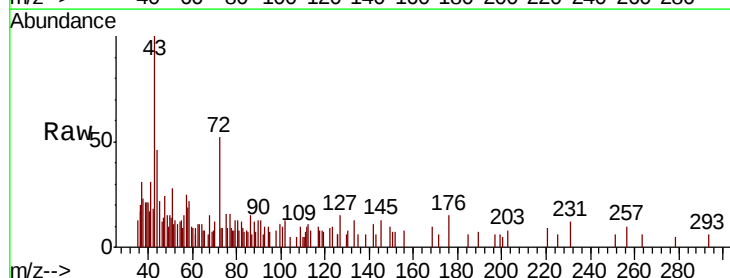
Acq: 26 Feb 2019 15:06

Tgt Ion: 77 Resp: 350

Ion Ratio Lower Upper

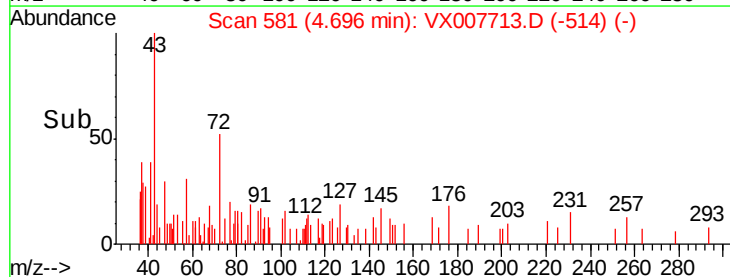
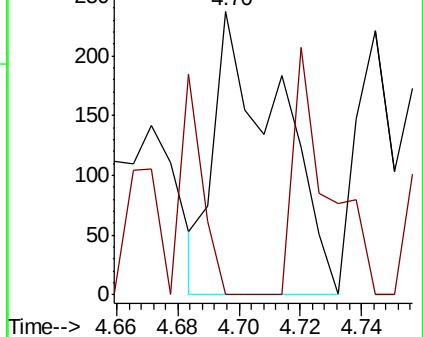
77 100

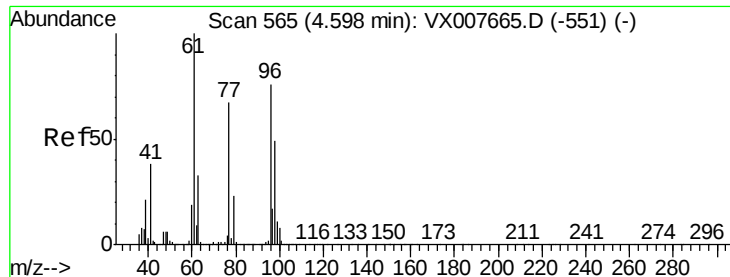
97 25.7 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



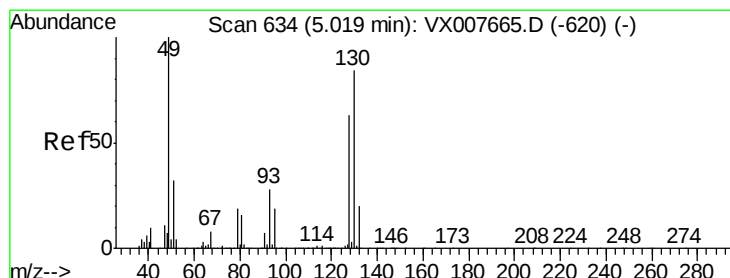
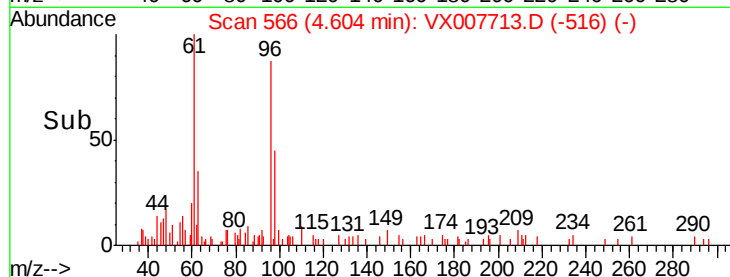
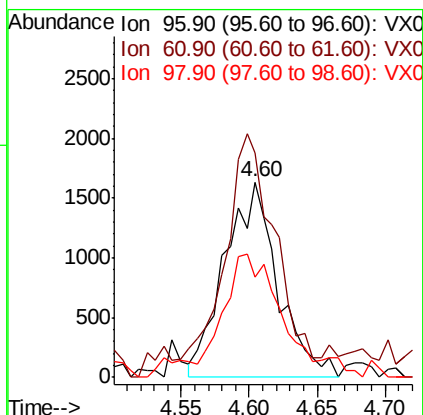
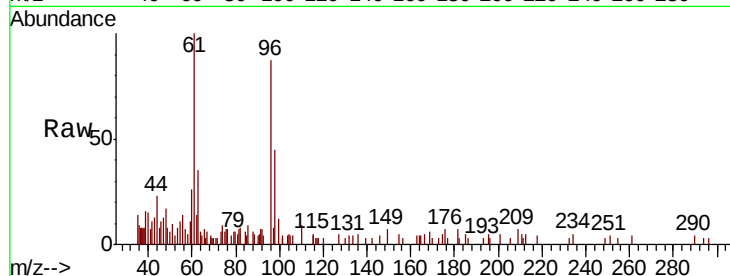


#27

cis-1,2-Dichloroethene
 Concen: 1.082 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007713.D
 Acq: 26 Feb 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-365-367

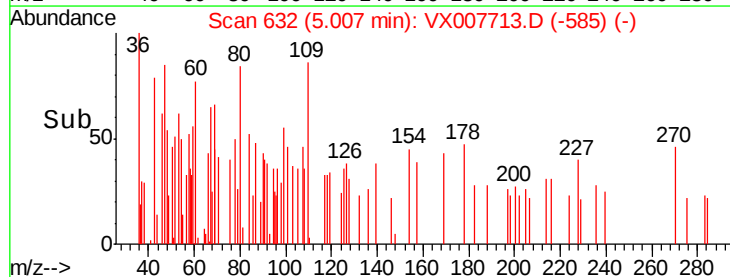
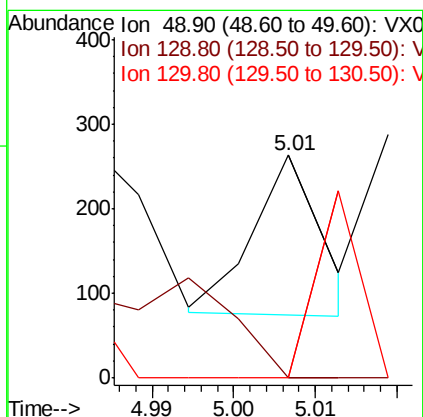
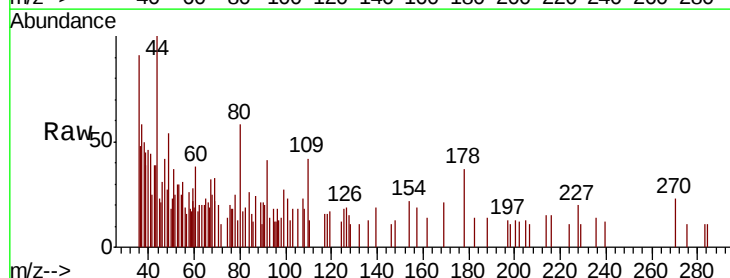
Tgt Ion: 96 Resp: 4445
 Ion Ratio Lower Upper
 96 100
 61 104.3 0.0 265.6
 98 70.3 0.0 131.6

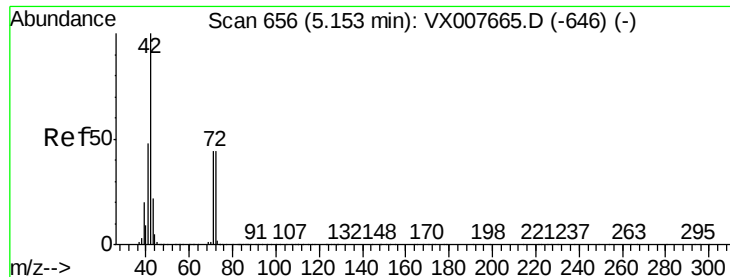


#28

Bromochloromethane
 Concen: 0.036 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX007713.D
 Acq: 26 Feb 2019 15:06

Tgt Ion: 49 Resp: 109
 Ion Ratio Lower Upper
 49 100
 129 161.5 0.0 5.6#
 130 74.3 75.6 113.4#





#29

Tetrahydrofuran

Concen: 0.069 ug/l

RT: 5.14 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

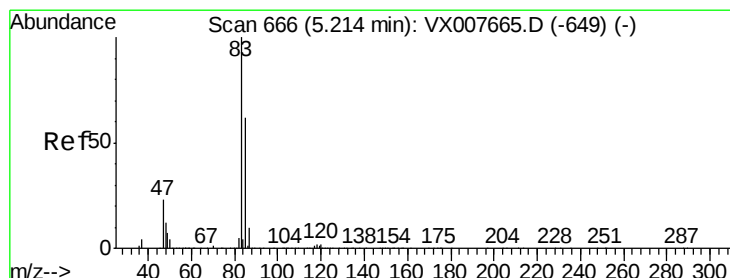
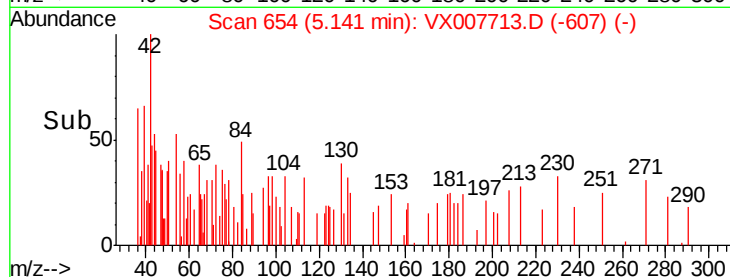
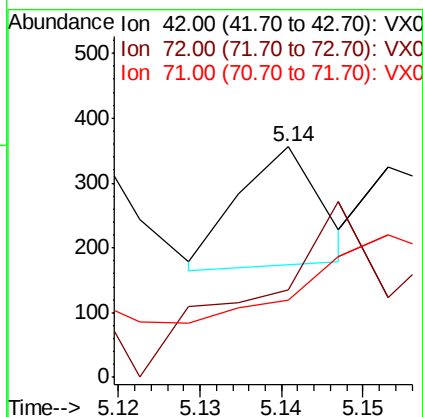
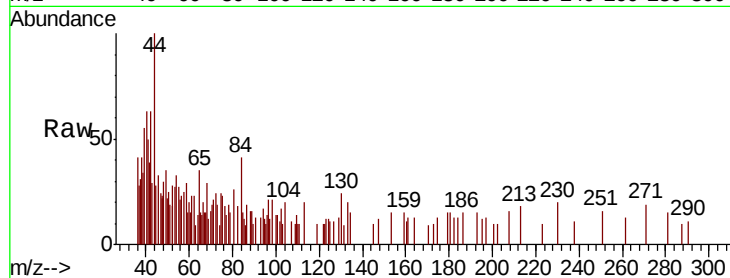
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

42 100

72 214.0 37.6 56.4#

71 0.0 34.6 51.8#



#30

Chloroform

Concen: 1.980 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007713.D

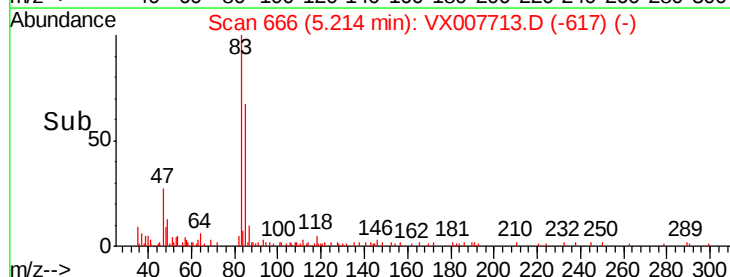
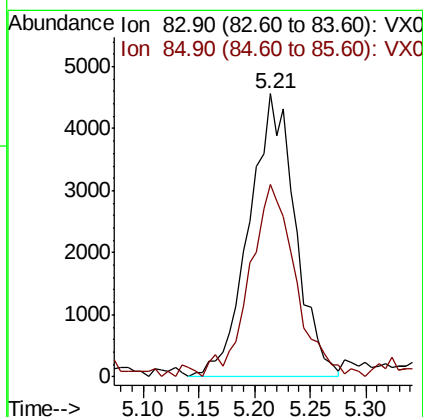
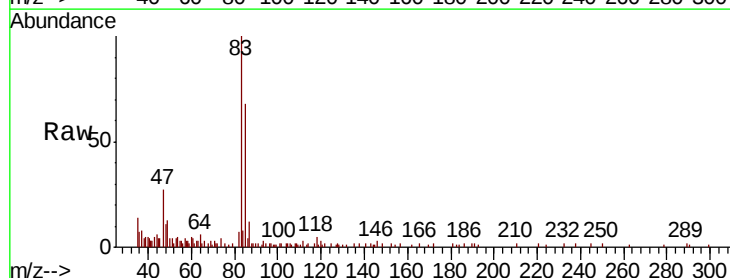
Acq: 26 Feb 2019 15:06

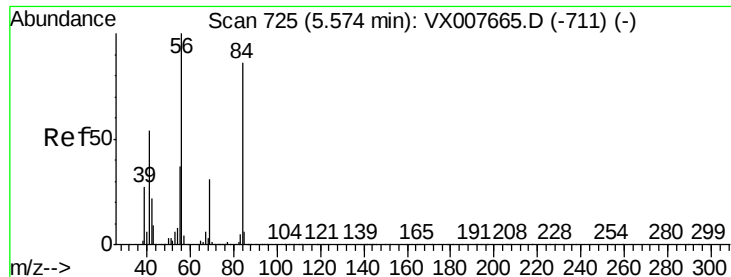
Tgt Ion: 83 Resp: 13174

Ion Ratio Lower Upper

83 100

85 64.7 51.6 77.4

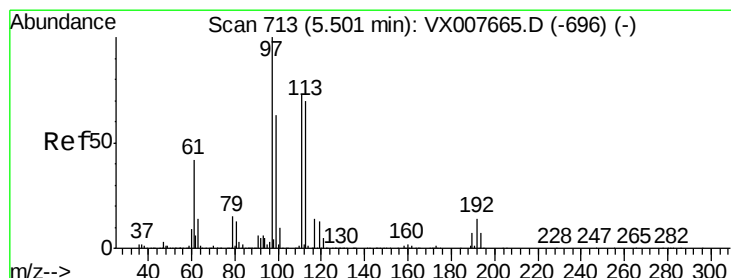
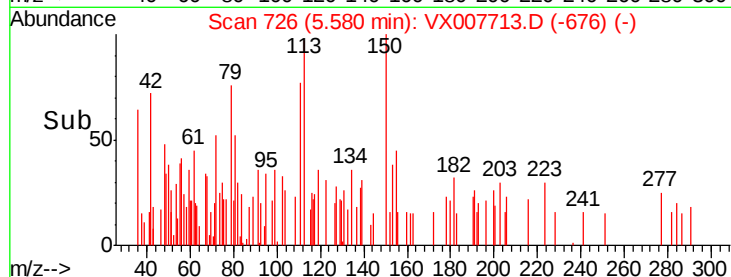
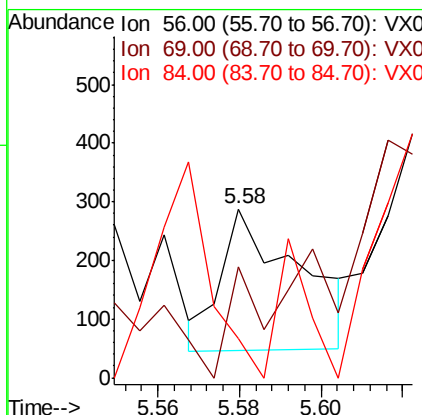
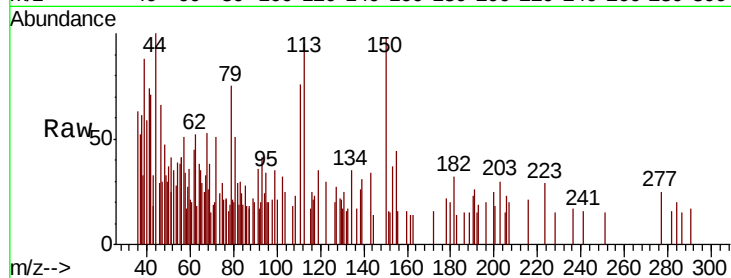




#31
Cyclohexane
Concen: 0.055 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

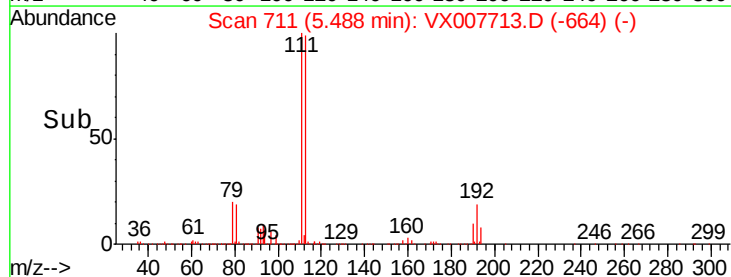
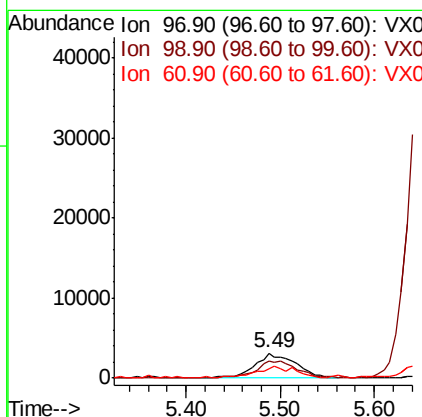
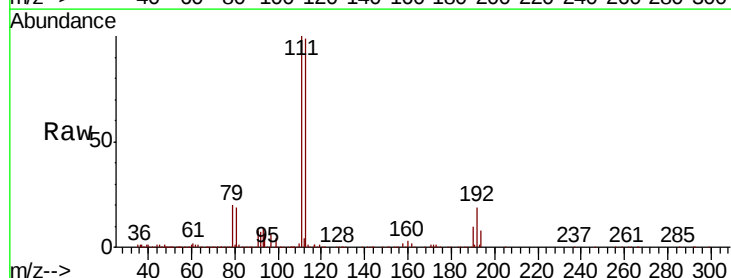
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

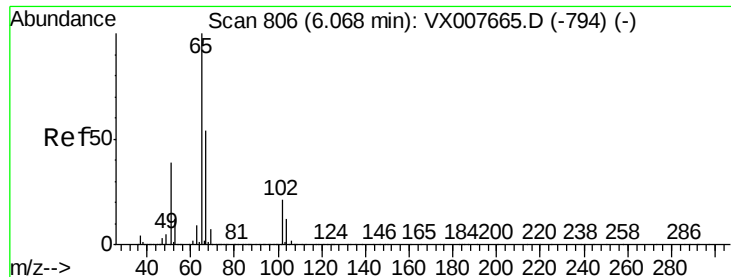
Tgt Ion: 56 Resp: 322
Ion Ratio Lower Upper
56 100
69 65.4 23.0 34.6#
84 35.1 69.8 104.6#



#32
1,1,1-Trichloroethane
Concen: 1.702 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 97 Resp: 9368
Ion Ratio Lower Upper
97 100
99 71.2 52.2 78.2
61 45.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.021 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

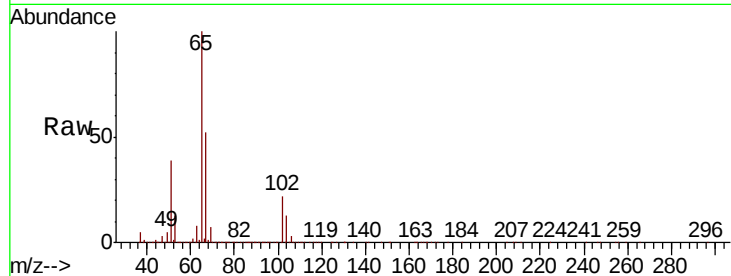
BP-VPB201-GW-365-367

Tgt Ion: 65 Resp: 210362

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

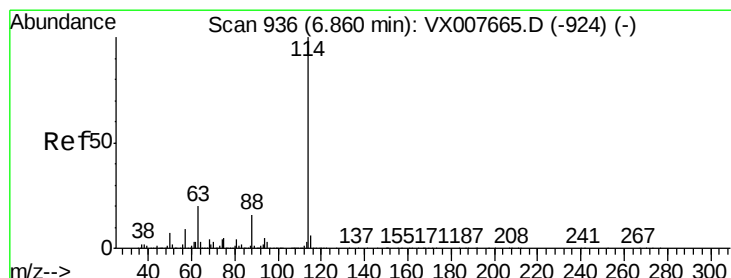
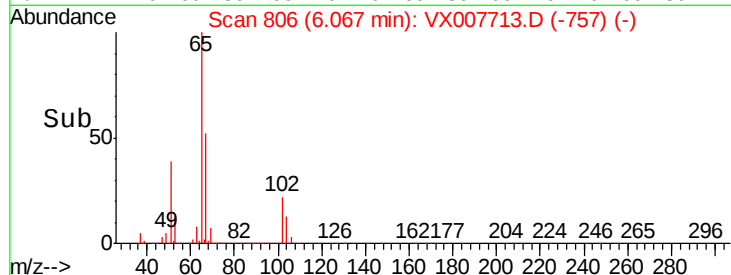
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

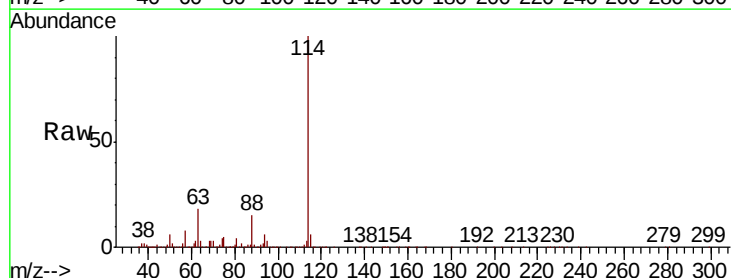
Tgt Ion: 114 Resp: 584717

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 14.6 0.0 29.6



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

6.86

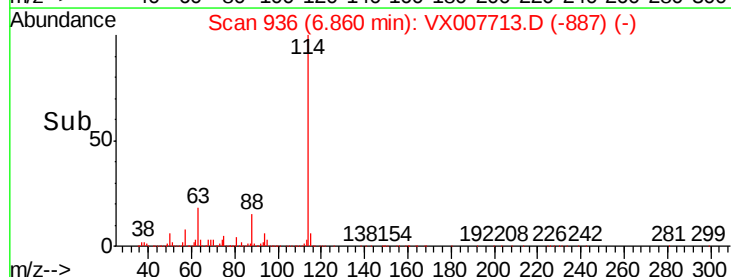
300000

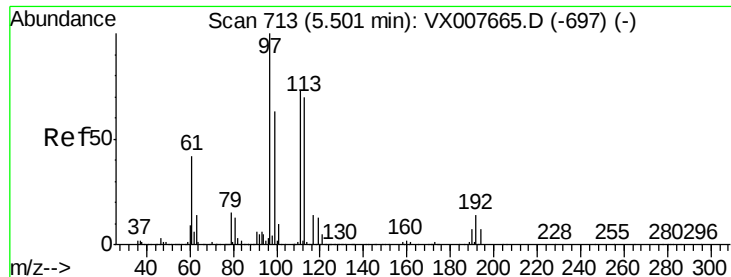
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.339 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

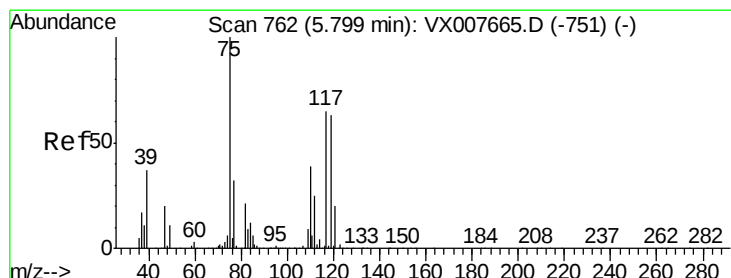
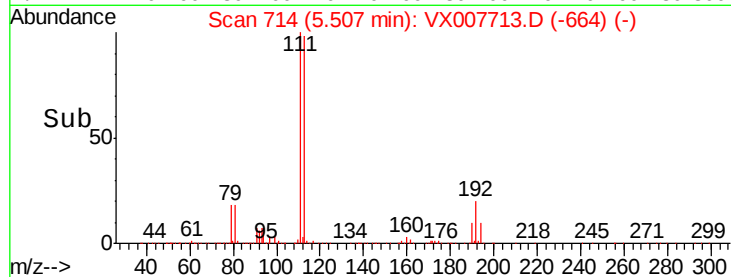
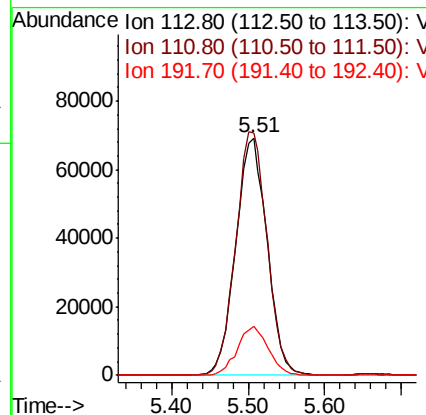
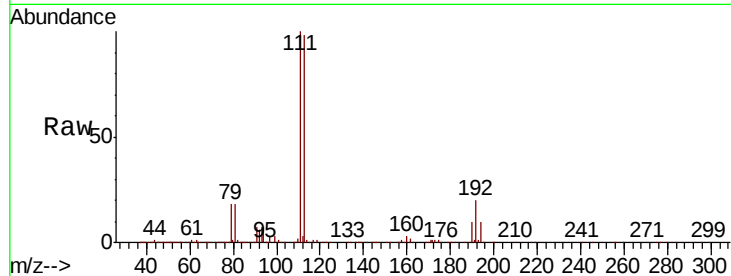
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

Tgt Ion:	113	Resp:	196756
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	20.4	18.5	27.7



#36

1,1-Dichloropropene

Concen: 4.414 ug/l

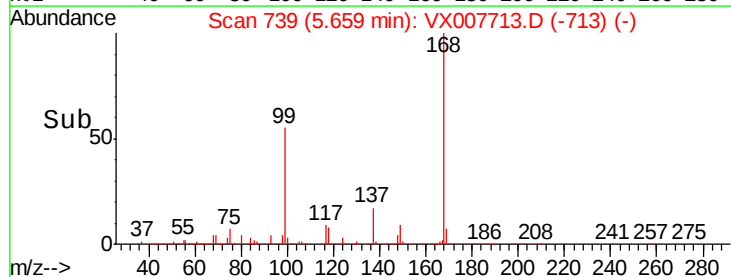
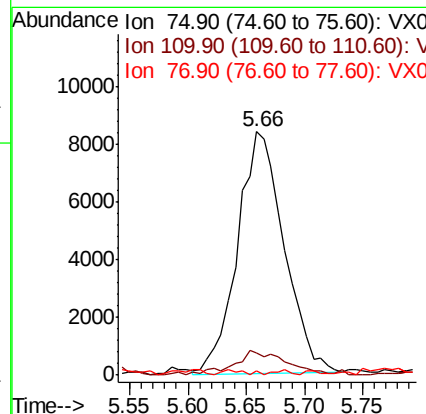
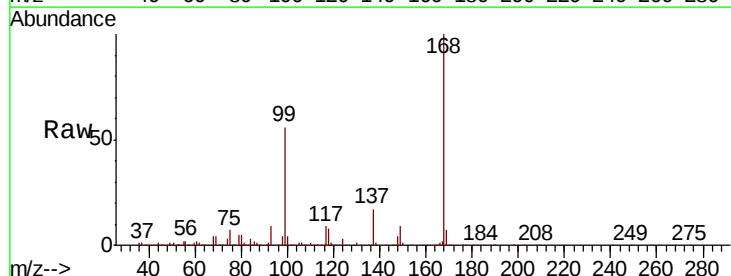
RT: 5.66 min Scan# 739

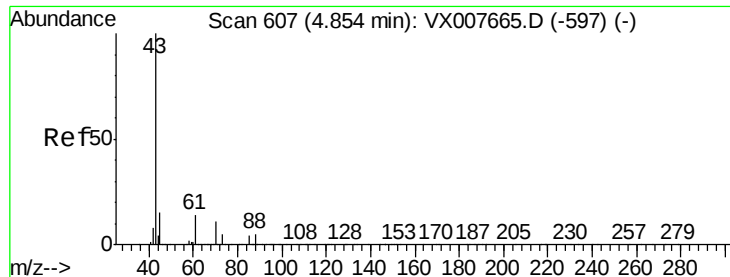
Delta R.T. -0.14 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Tgt Ion:	75	Resp:	23203
Ion	Ratio	Lower	Upper
75	100		
110	11.5	20.0	59.9#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 0.074 ug/l

RT: 4.84 min Scan# 605

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

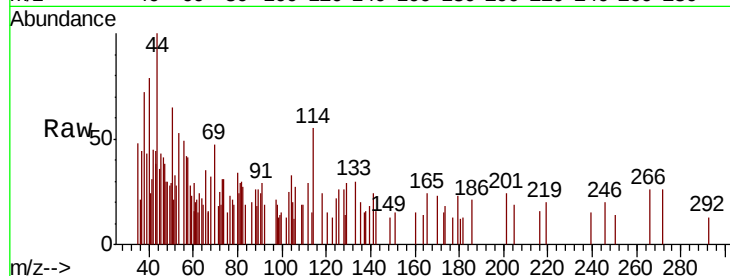
Tgt Ion: 43 Resp: 435

Ion Ratio Lower Upper

43 100

61 115.9 11.3 16.9#

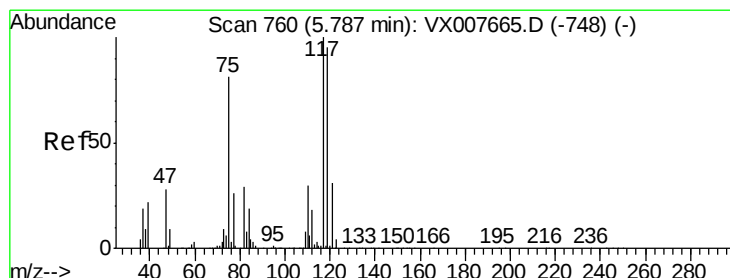
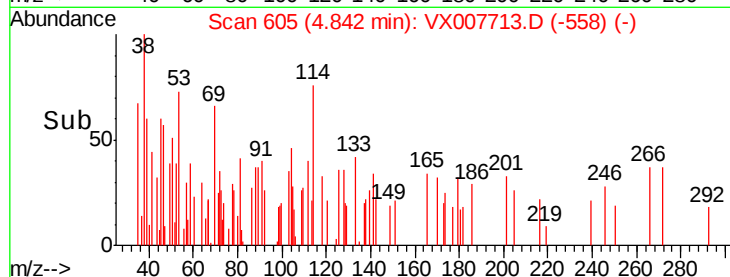
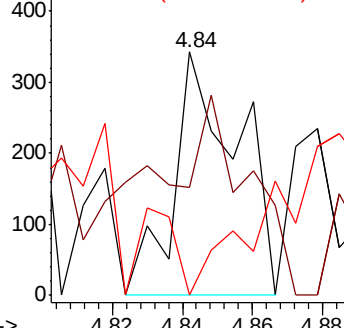
70 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.130 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

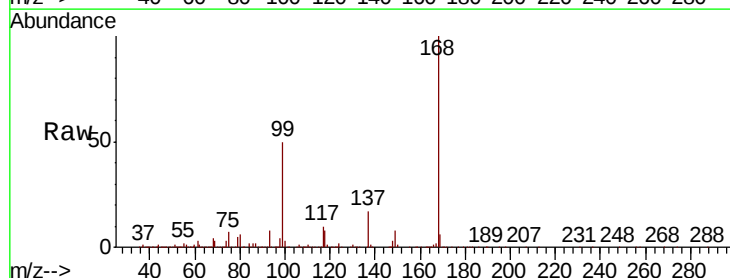
Tgt Ion: 117 Resp: 32370

Ion Ratio Lower Upper

117 100

119 6.6 75.3 112.9#

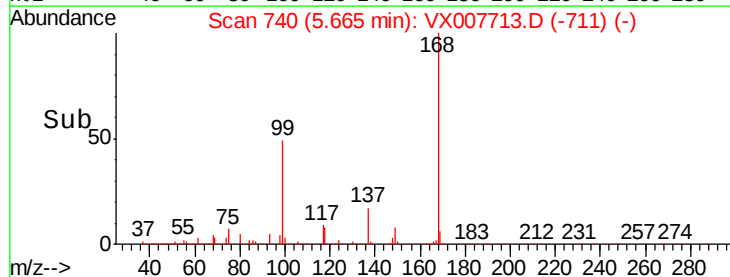
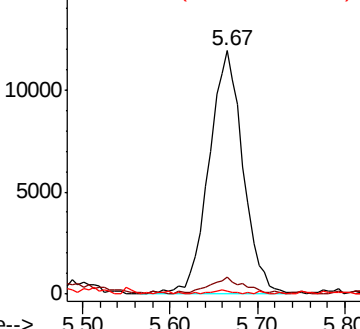
121 1.3 25.0 37.4#

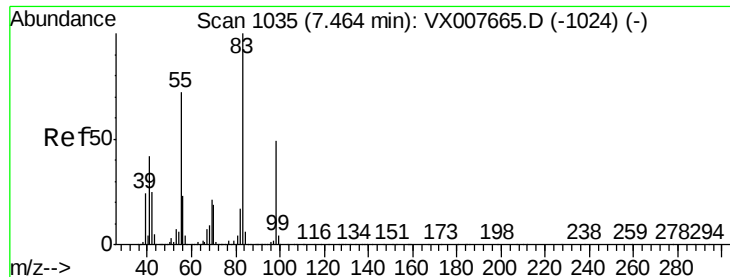


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 0.045 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.19 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

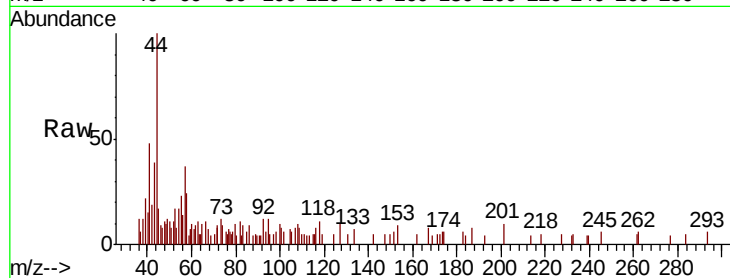
Tgt Ion: 83 Resp: 301

Ion Ratio Lower Upper

83 100

55 76.3 56.2 84.2

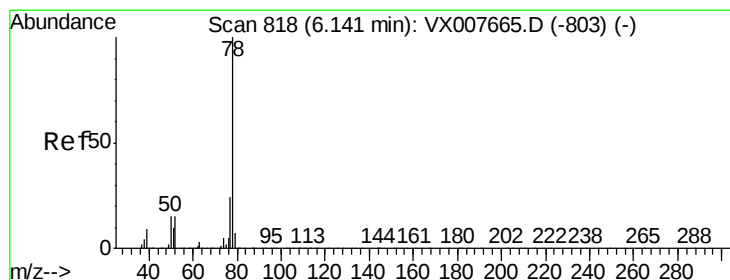
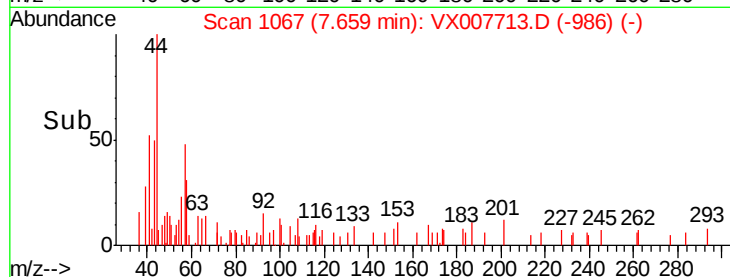
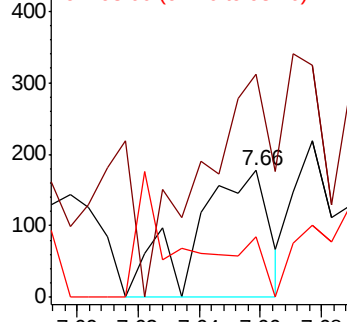
98 47.5 36.8 55.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.116 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007713.D

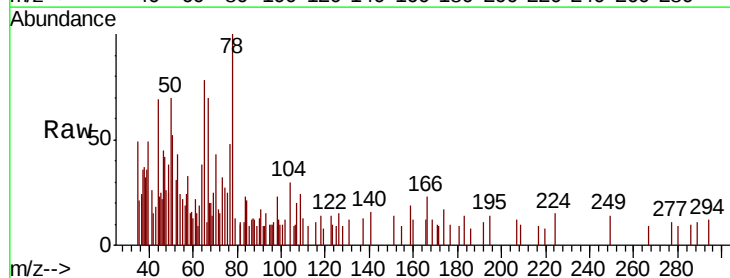
Acq: 26 Feb 2019 15:06

Tgt Ion: 78 Resp: 1875

Ion Ratio Lower Upper

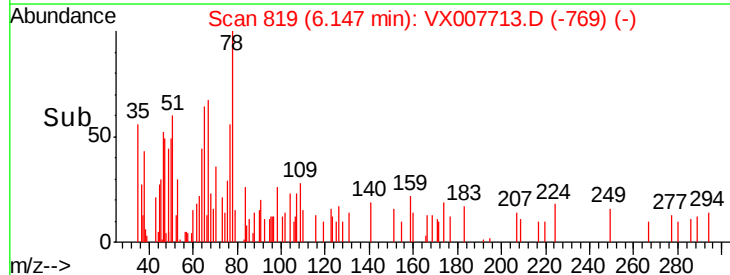
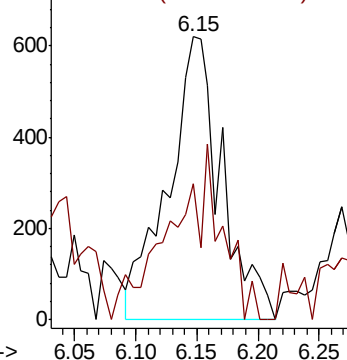
78 100

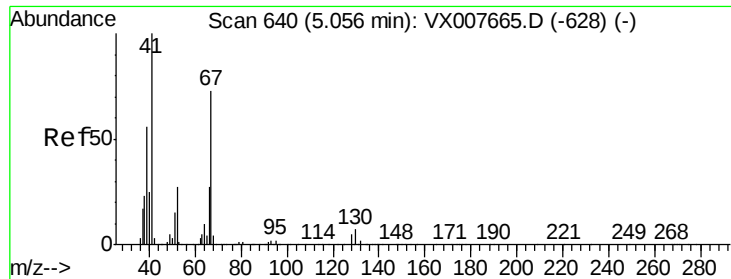
77 53.5 19.3 28.9#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 0.071 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

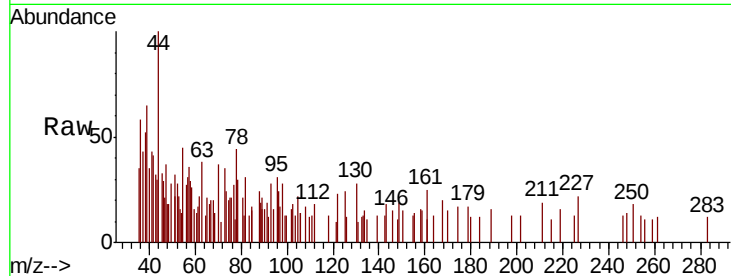
MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

Tgt Ion: 41 Resp: 222

Ion	Ratio	Lower	Upper
41	100		
39	79.7	44.5	66.7#
67	0.0	60.4	90.6#
52	0.0	24.1	36.1#

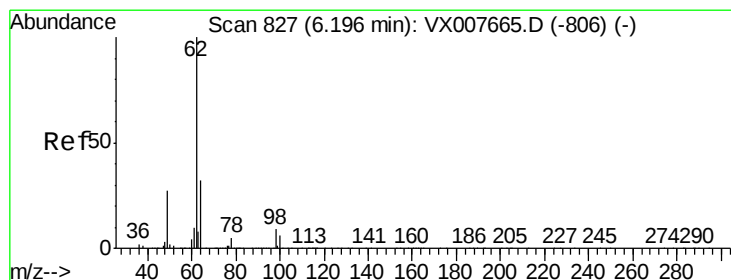
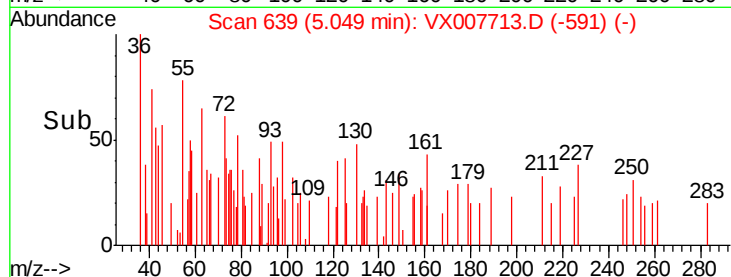
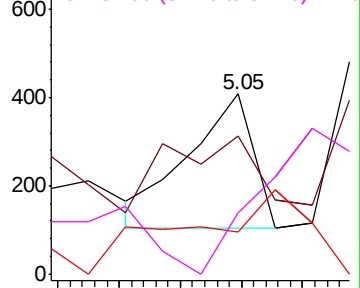


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.112 ug/l

RT: 6.20 min Scan# 828

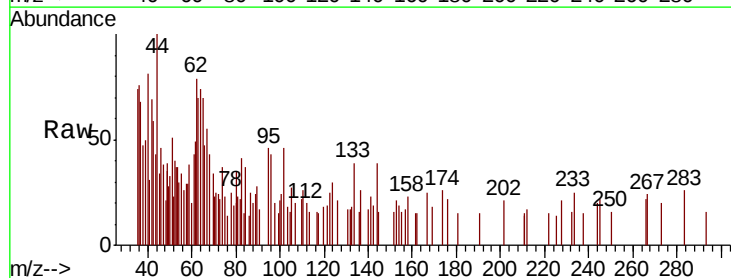
Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

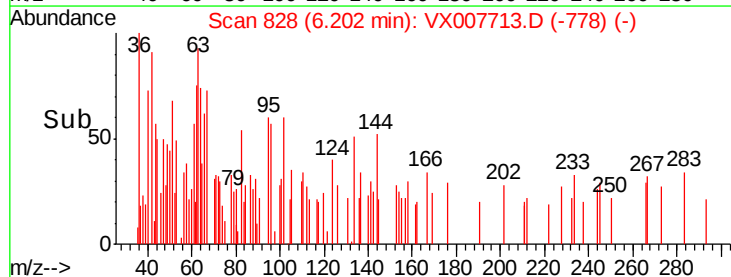
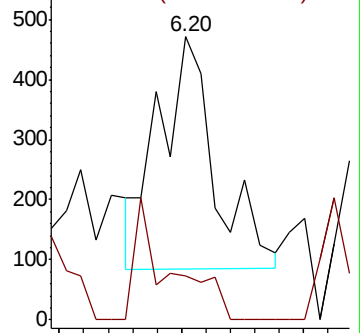
Tgt Ion: 62 Resp: 612

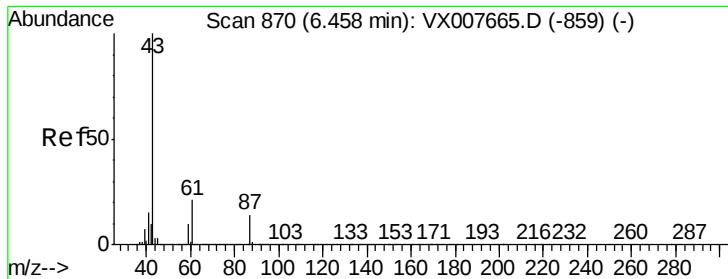
Ion	Ratio	Lower	Upper
62	100		
98	32.7	0.0	19.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.033 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.02 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

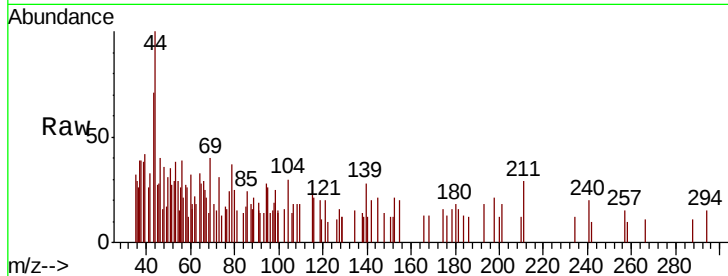
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

61 52.0 16.1 24.1#

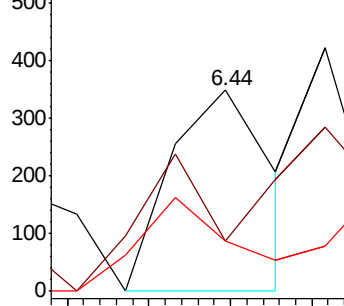
87 45.3 11.5 17.3#



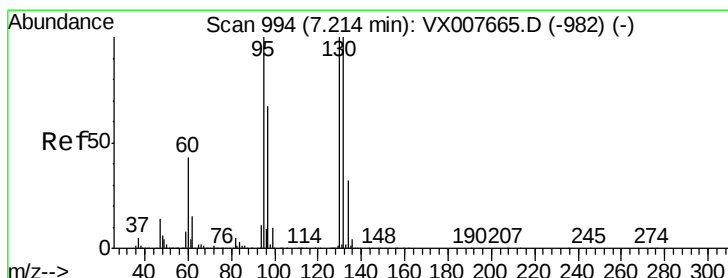
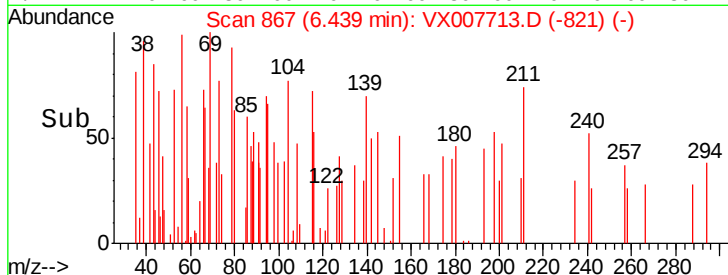
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 18.377 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007713.D

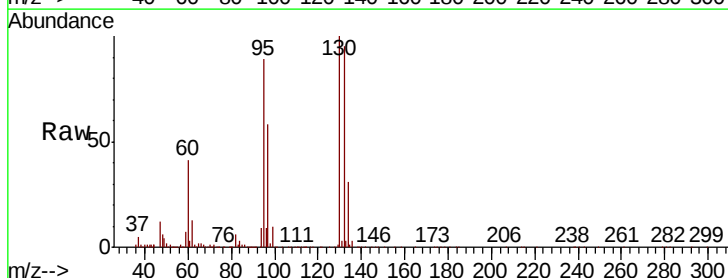
Acq: 26 Feb 2019 15:06

Tgt Ion: 130 Resp: 82035

Ion Ratio Lower Upper

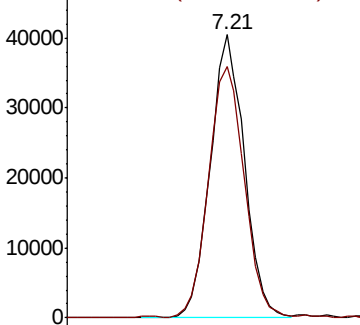
130 100

95 88.0 0.0 180.0

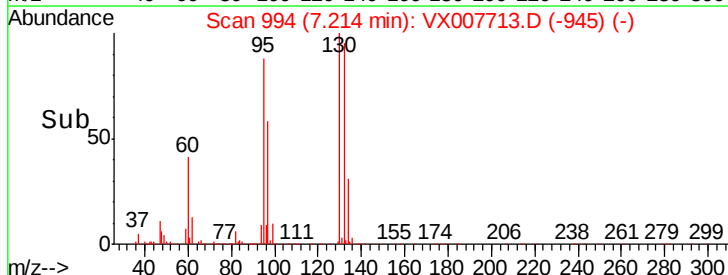


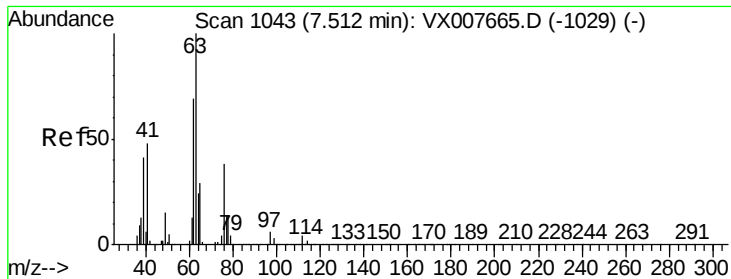
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 0.076 ug/l

RT: 7.50 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

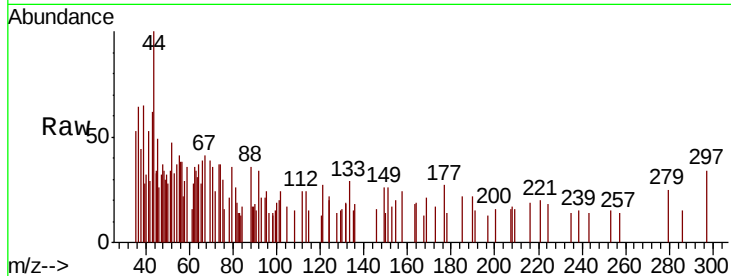
BP-VPB201-GW-365-367

Tgt Ion: 63 Resp: 321

Ion Ratio Lower Upper

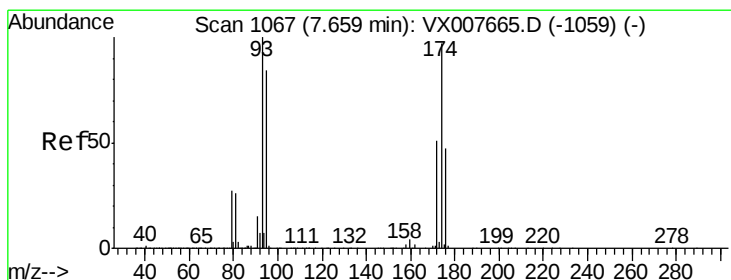
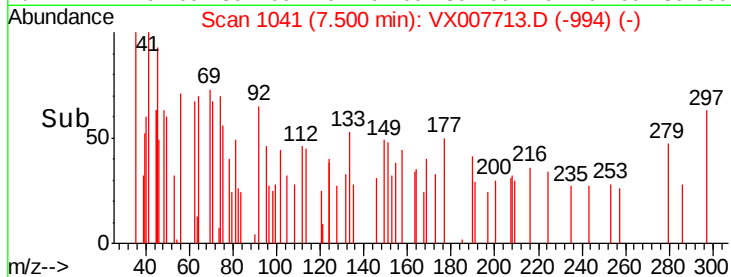
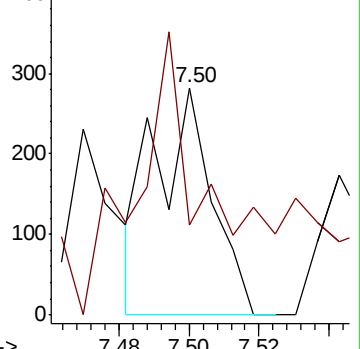
63 100

65 3.5 24.2 36.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.177 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

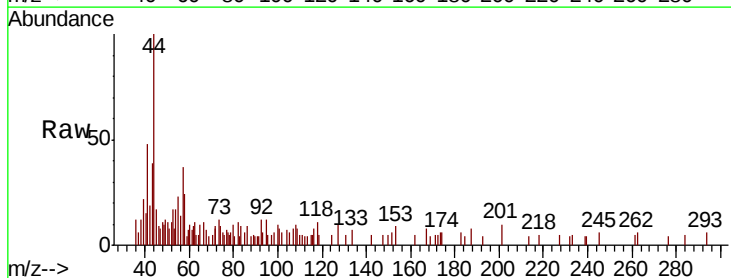
Tgt Ion: 93 Resp: 519

Ion Ratio Lower Upper

93 100

95 74.4 67.6 101.4

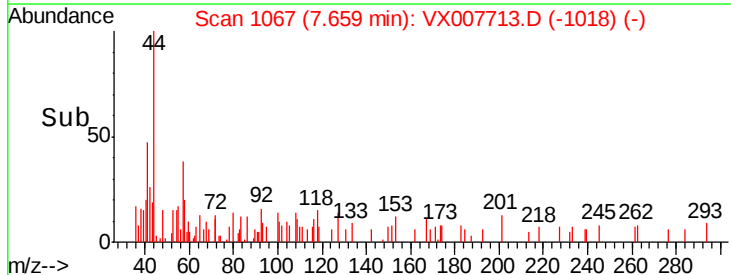
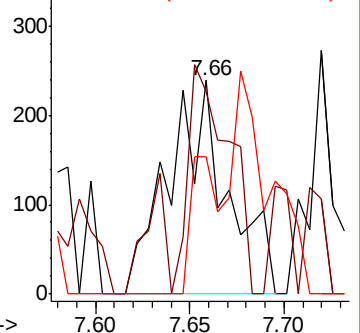
174 28.1 94.2 141.4#

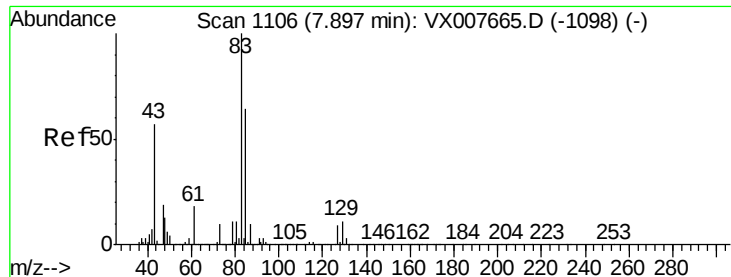


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.082 ug/l

RT: 7.91 min Scan# 1109

Delta R.T. 0.02 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

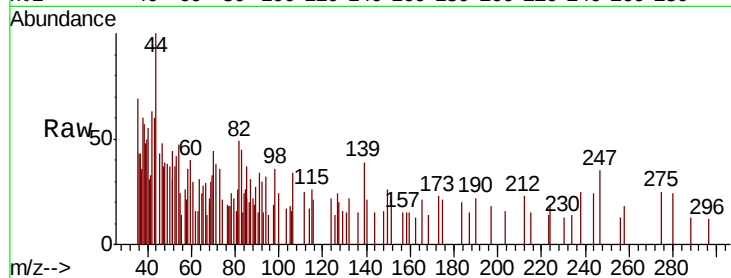
Tgt Ion: 83 Resp: 419

Ion Ratio Lower Upper

83 100

85 205.8 51.4 77.0#

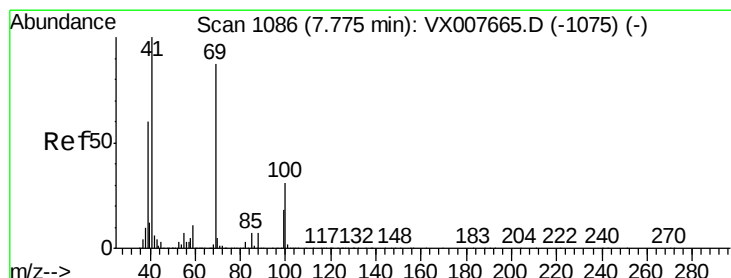
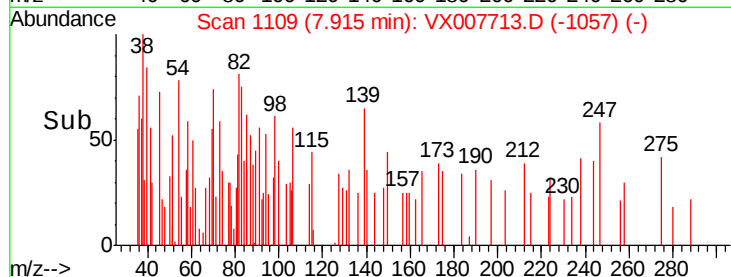
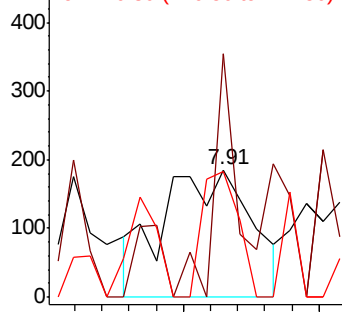
127 106.4 8.1 12.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.220 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

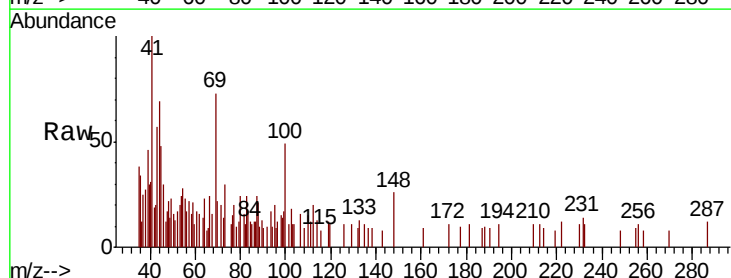
Tgt Ion: 41 Resp: 1037

Ion Ratio Lower Upper

41 100

69 109.4 70.2 105.4#

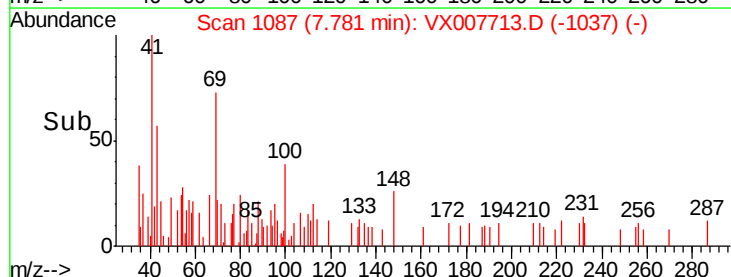
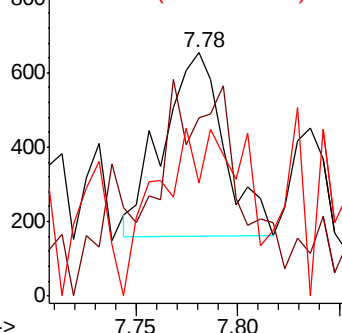
39 125.9 47.4 71.0#

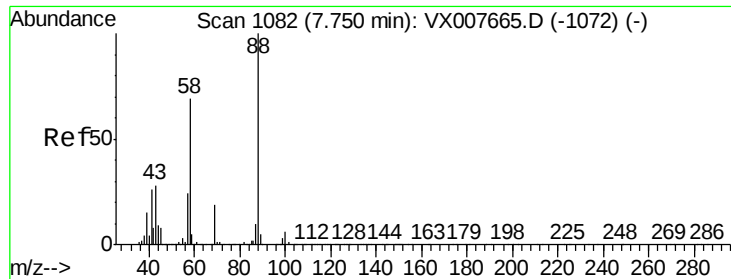


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

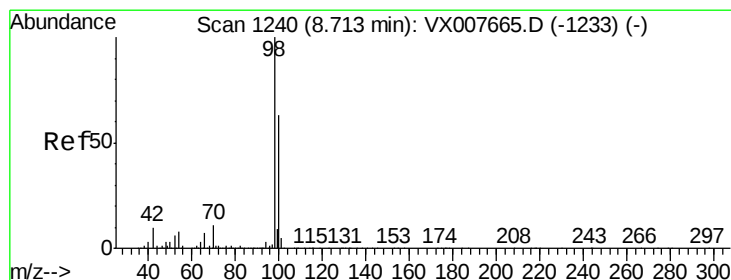
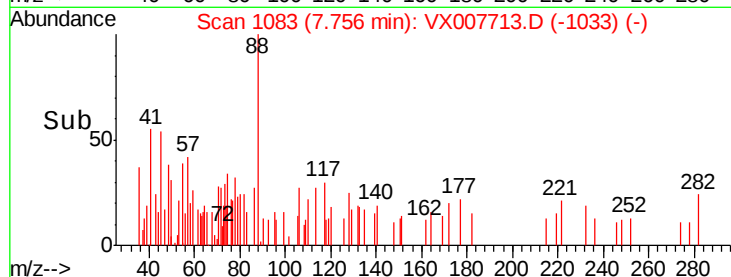
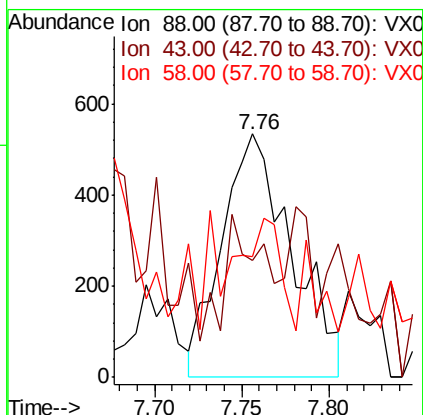
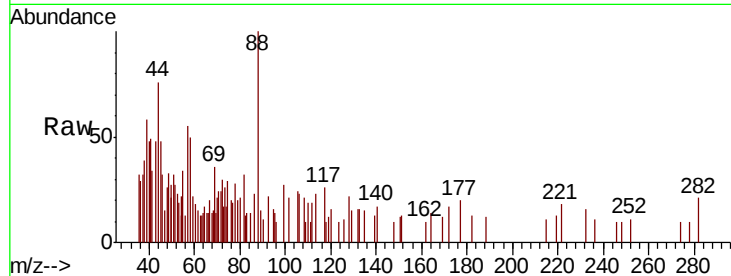




#49
1,4-Dioxane
Concen: 14.634 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

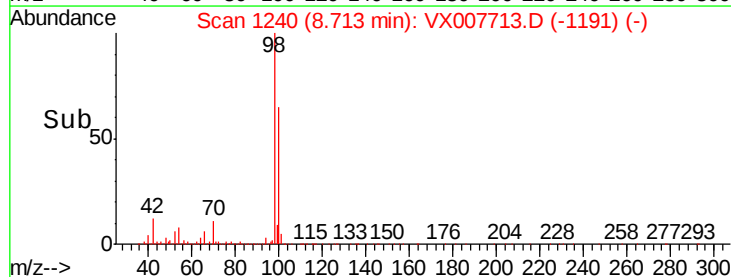
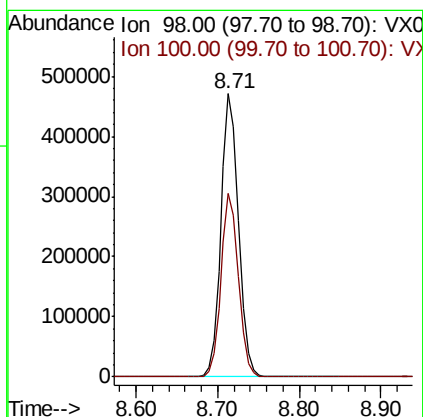
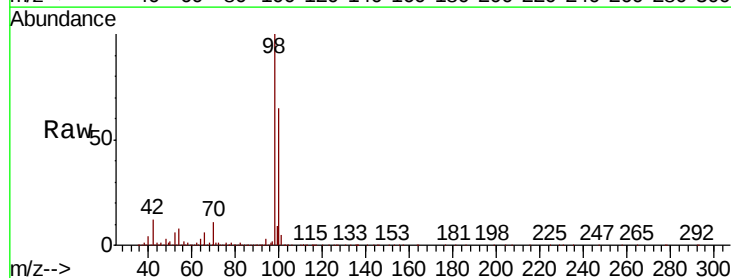
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

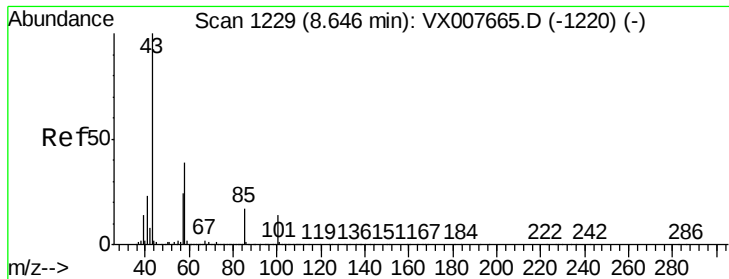
Tgt Ion: 88 Resp: 1489
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 28.7 53.0 79.4#



#50
Toluene-d8
Concen: 47.276 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 98 Resp: 707435
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

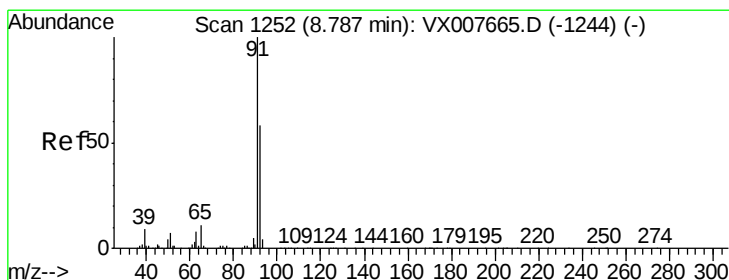
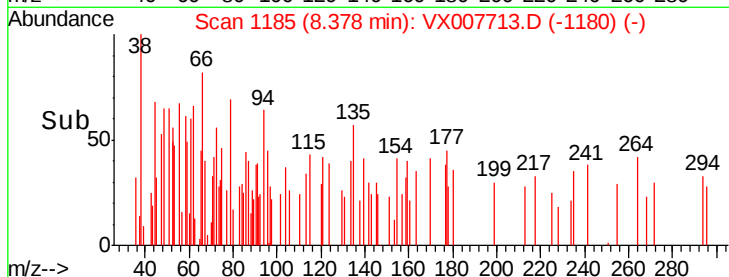
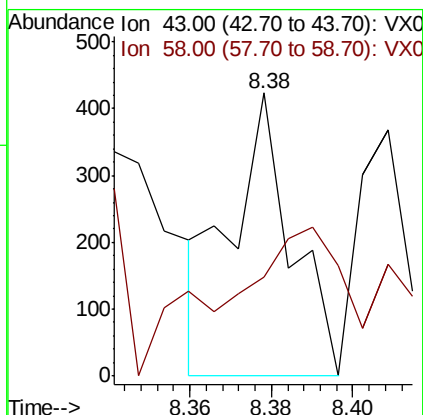
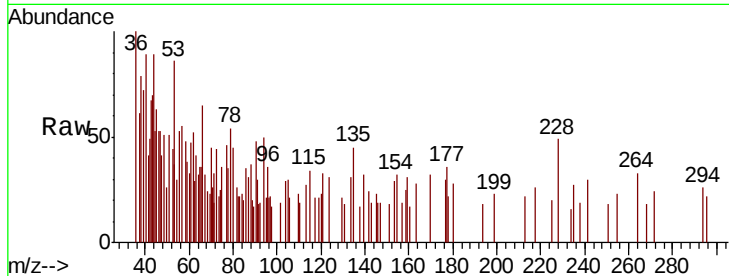




#51
 4-Methyl-2-Pentanone
 Concen: 0.072 ug/l
 RT: 8.38 min Scan# 1185
 Delta R.T. -0.27 min
 Lab File: VX007713.D
 Acq: 26 Feb 2019 15:06

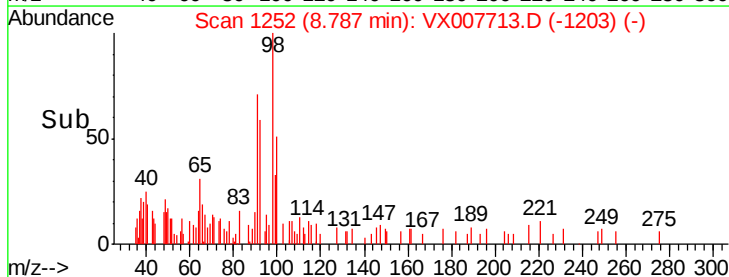
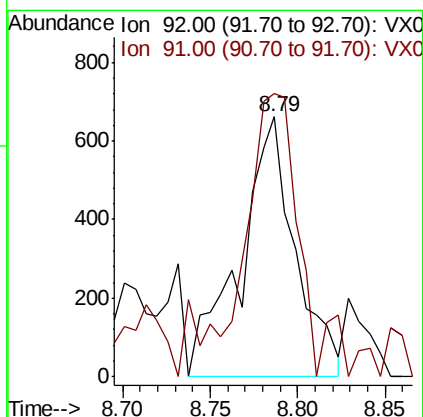
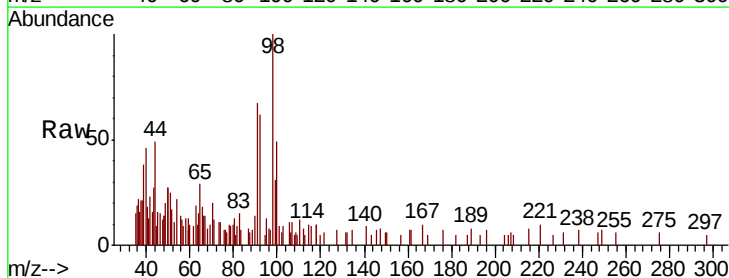
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-365-367

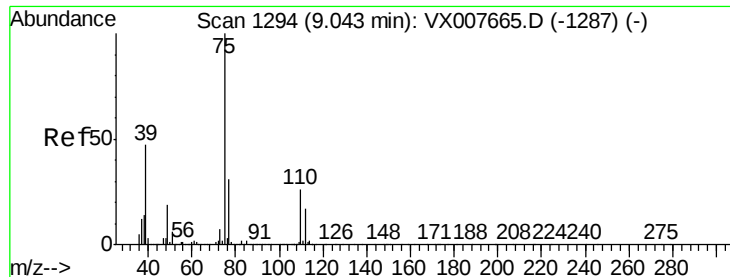
Tgt Ion: 43 Resp: 434
 Ion Ratio Lower Upper
 43 100
 58 42.4 31.2 46.8



#52
 Toluene
 Concen: 0.141 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007713.D
 Acq: 26 Feb 2019 15:06

Tgt Ion: 92 Resp: 1445
 Ion Ratio Lower Upper
 92 100
 91 102.4 139.1 208.7#





#53

t-1,3-Dichloropropene

Concen: 2.838 ug/l

RT: 9.02 min Scan# 1291

Delta R.T. -0.02 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

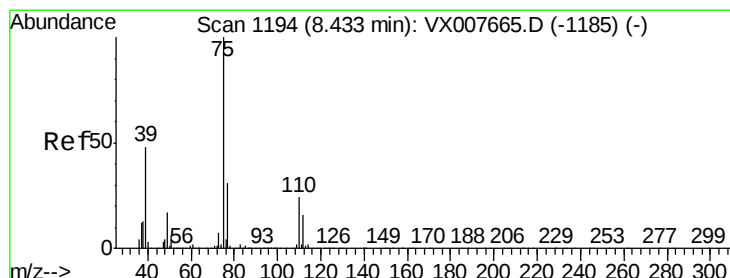
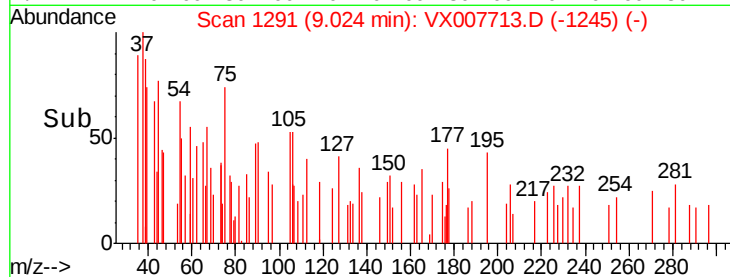
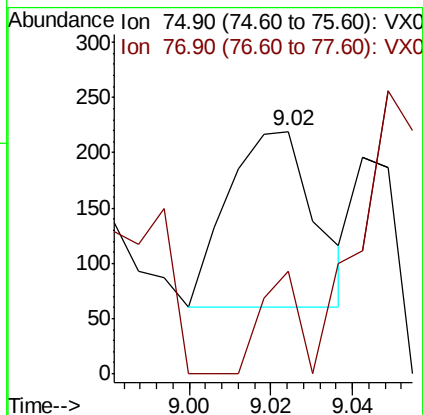
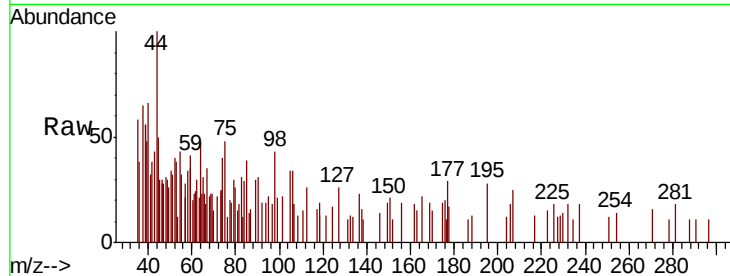
BP-VPB201-GW-365-367

Tgt Ion: 75 Resp: 237

Ion Ratio Lower Upper

75 100

77 58.5 25.2 37.8#



#54

cis-1,3-Dichloropropene

Concen: 0.069 ug/l

RT: 8.45 min Scan# 1196

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

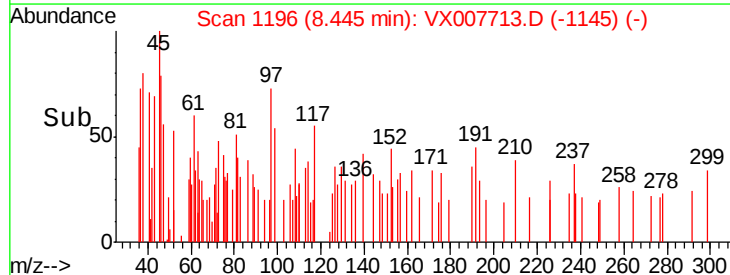
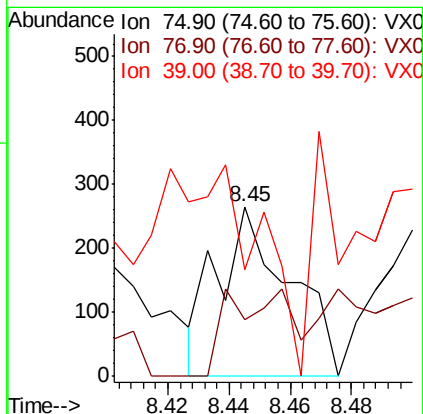
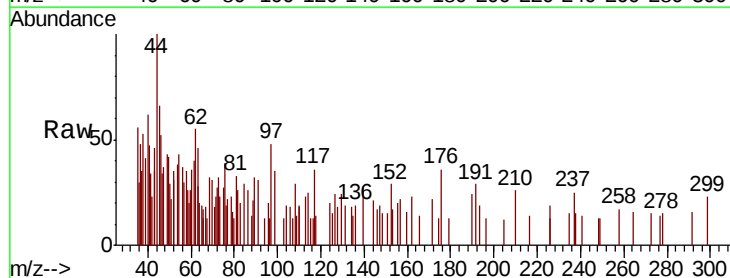
Tgt Ion: 75 Resp: 428

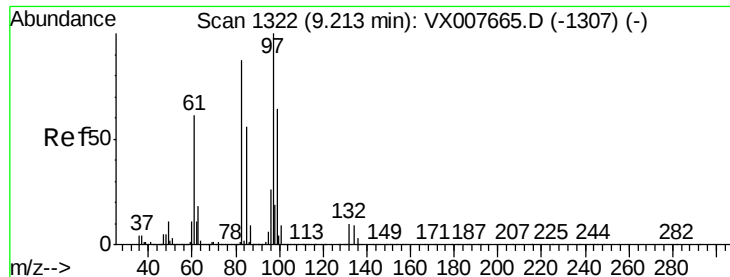
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.4#

39 0.0 37.1 55.7#





#55

1,1,2-Trichloroethane

Concen: 0.213 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

Tgt Ion: 97 Resp: 911

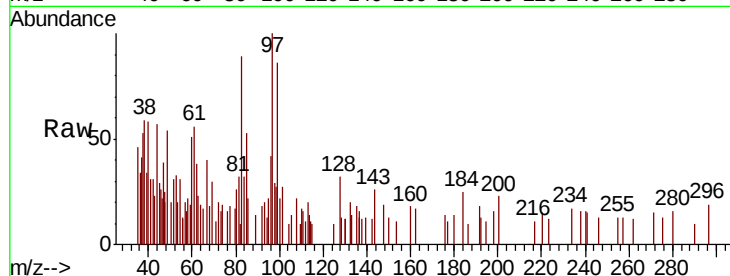
Ion Ratio Lower Upper

97 100

83 89.4 68.6 102.8

85 58.1 44.5 66.7

99 68.9 52.2 78.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

1000

800

600

400

200

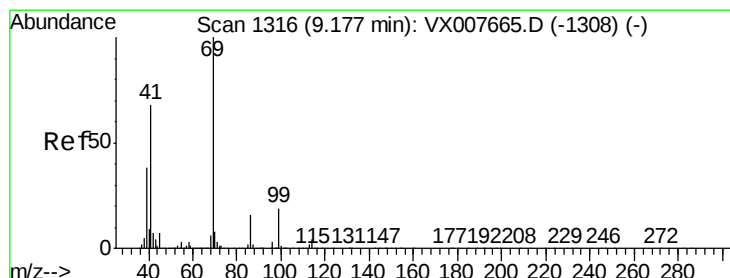
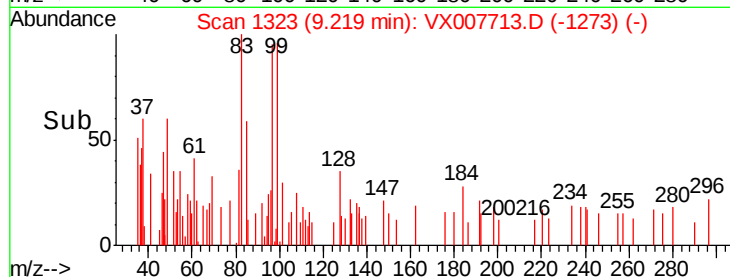
0

9.20

9.22

9.25

Time-->



#56

Ethyl methacrylate

Concen: 0.024 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

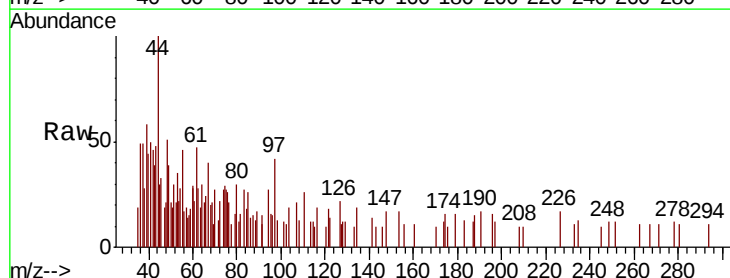
Tgt Ion: 69 Resp: 147

Ion Ratio Lower Upper

69 100

41 0.0 52.1 78.1#

39 0.0 30.1 45.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

600

400

200

0

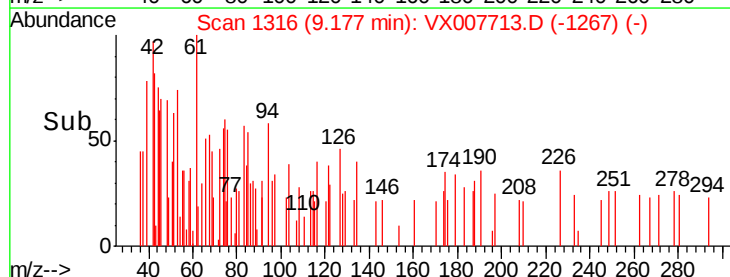
9.16

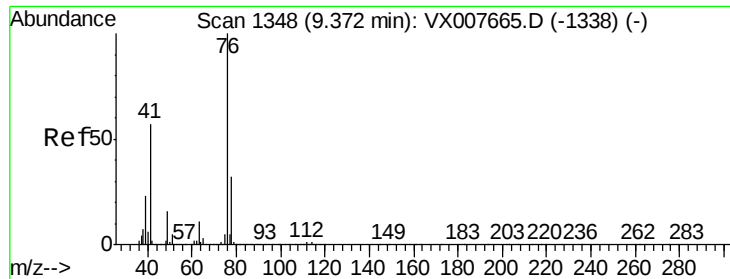
9.17

9.18

9.19

Time-->





#57

1,3-Dichloropropane

Concen: 0.036 ug/l

RT: 9.26 min Scan# 1329

Delta R.T. -0.12 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

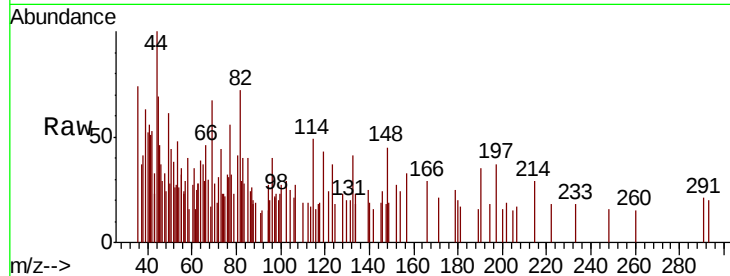
BP-VPB201-GW-365-367

Tgt Ion: 76 Resp: 247

Ion Ratio Lower Upper

76 100

78 35.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250

200

150

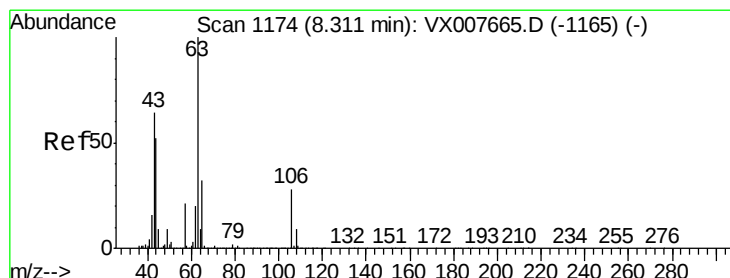
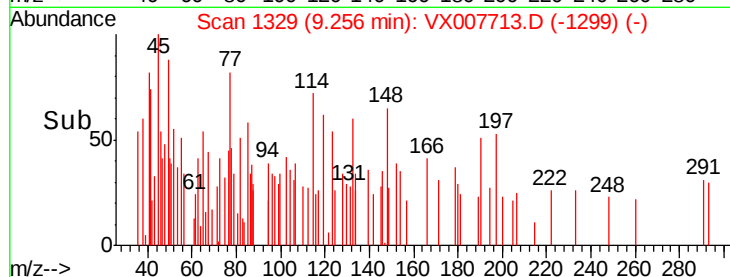
100

50

0

9.24 9.26 9.28

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 0.039 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX007713.D

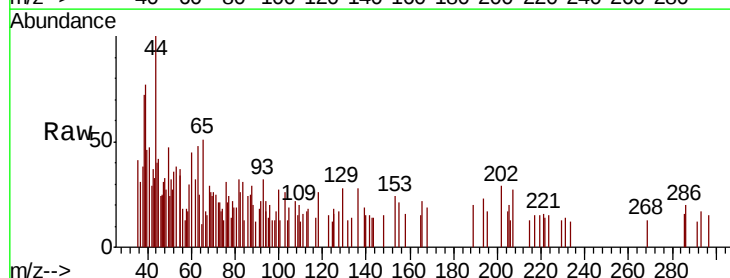
Acq: 26 Feb 2019 15:06

Tgt Ion: 63 Resp: 131

Ion Ratio Lower Upper

63 100

106 26.0 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

250

200

150

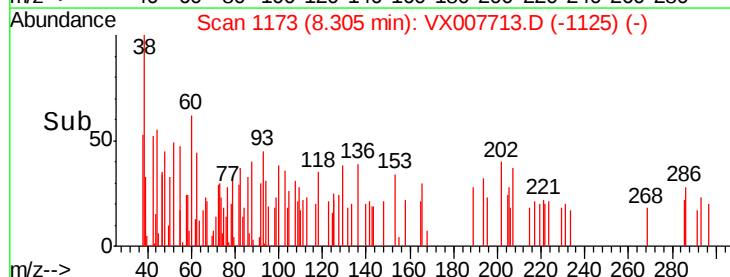
100

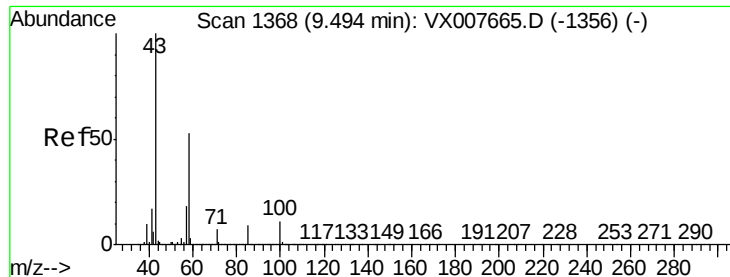
50

0

8.28 8.30 8.32

Time-->

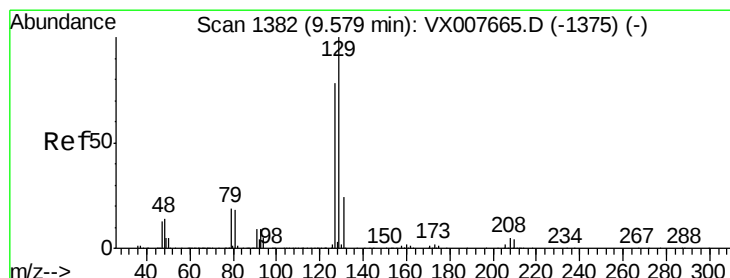
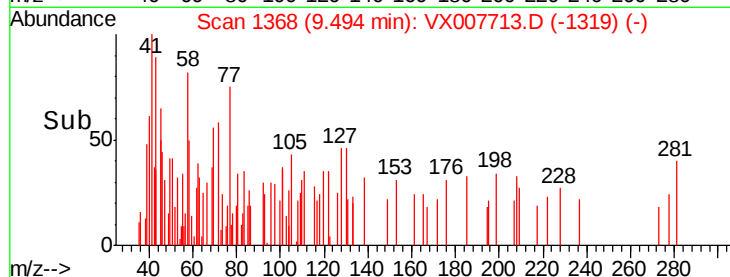
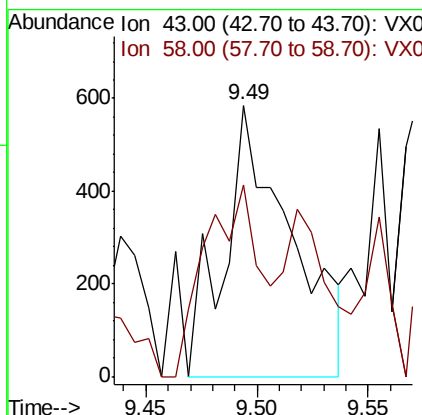
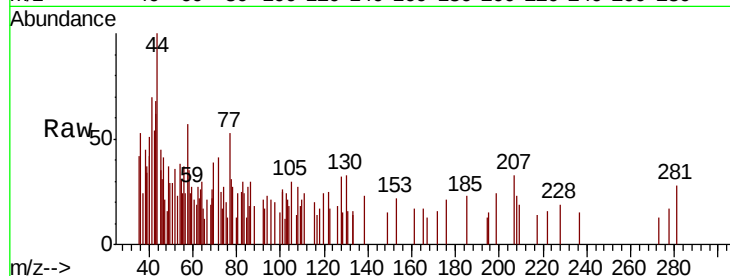




#59
2-Hexanone
Concen: 0.260 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

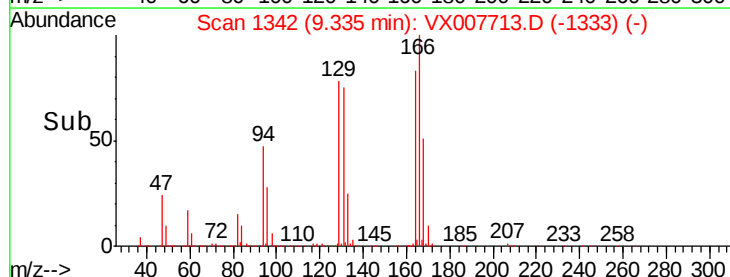
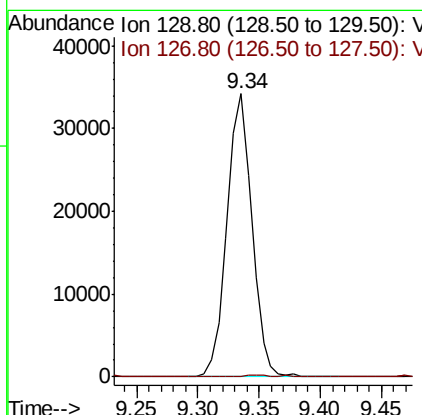
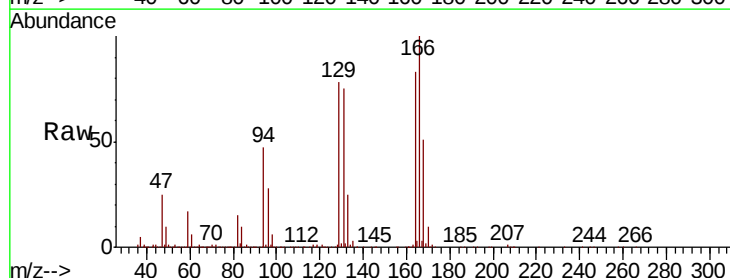
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

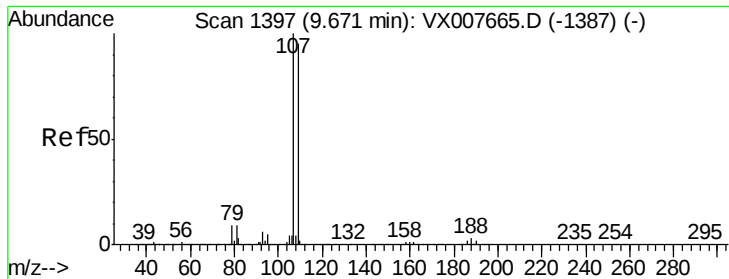
Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 57.0 27.1 81.3



#60
Dibromochloromethane
Concen: 11.712 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 129 Resp: 48090
Ion Ratio Lower Upper
129 100
127 0.8 37.8 113.4#





#61

1,2-Dibromoethane

Concen: 0.039 ug/l

RT: 9.40 min Scan# 1353

Delta R.T. -0.27 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

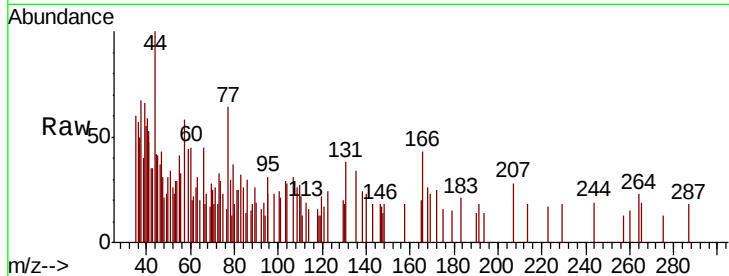
BP-VPB201-GW-365-367

Tgt Ion: 107 Resp: 173

Ion Ratio Lower Upper

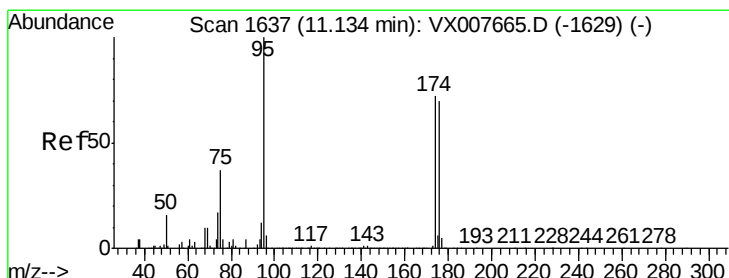
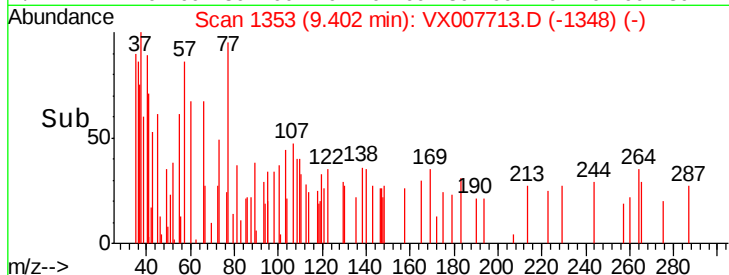
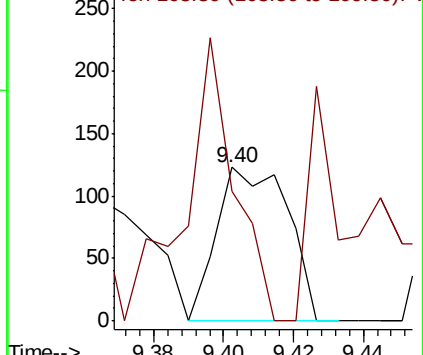
107 100

109 102.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.667 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

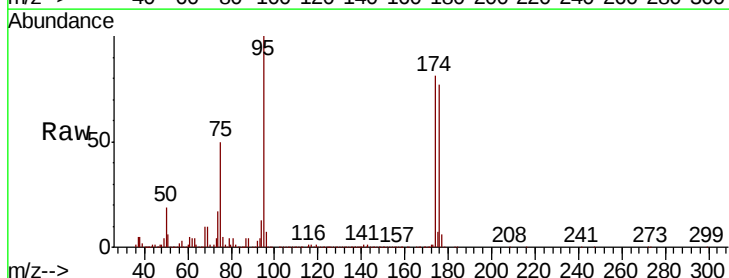
Tgt Ion: 95 Resp: 245320

Ion Ratio Lower Upper

95 100

174 84.5 0.0 189.2

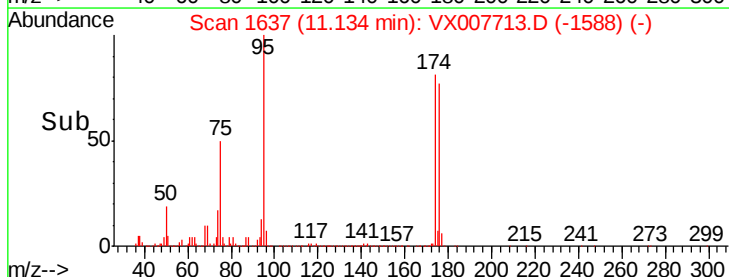
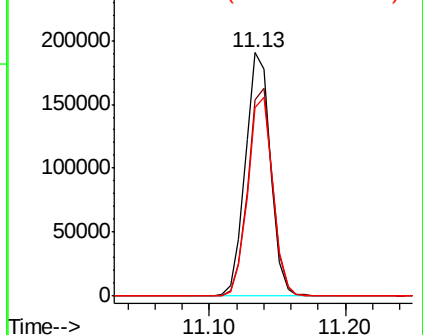
176 81.8 0.0 186.2

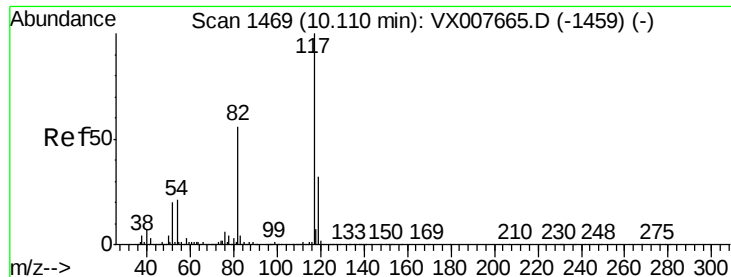


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

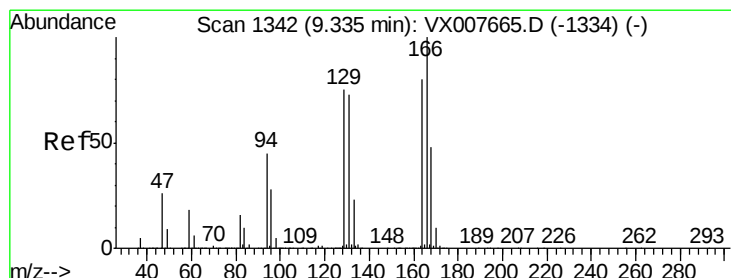
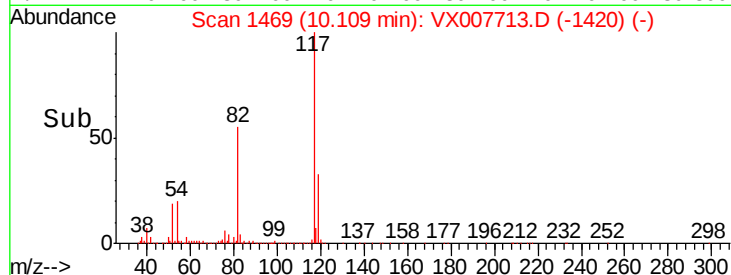
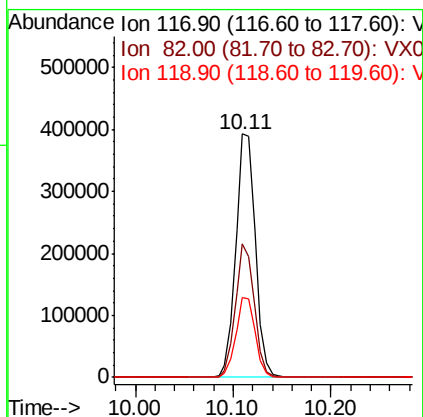
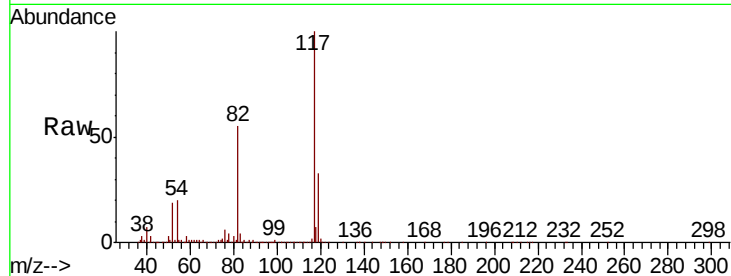




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

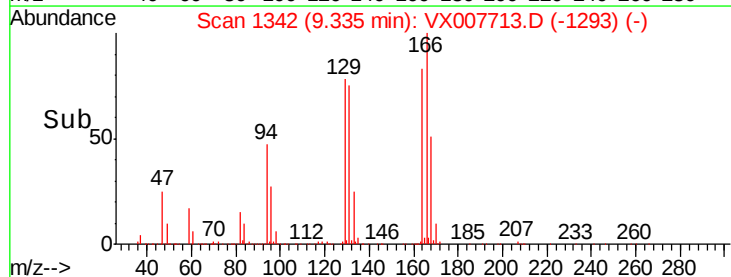
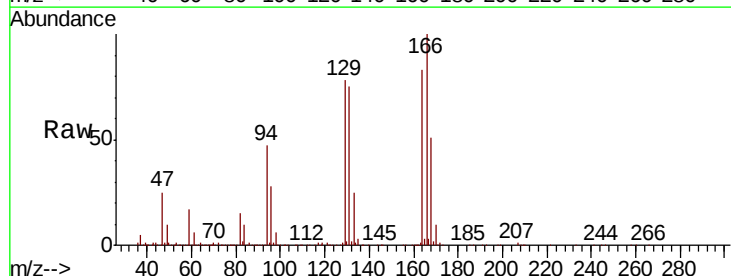
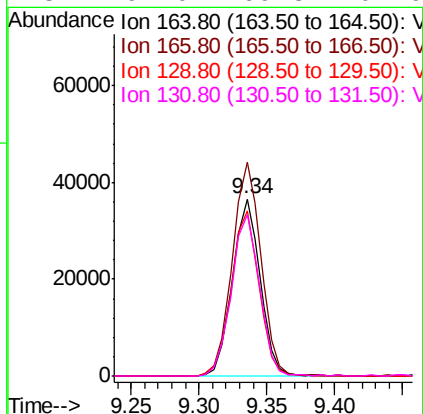
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

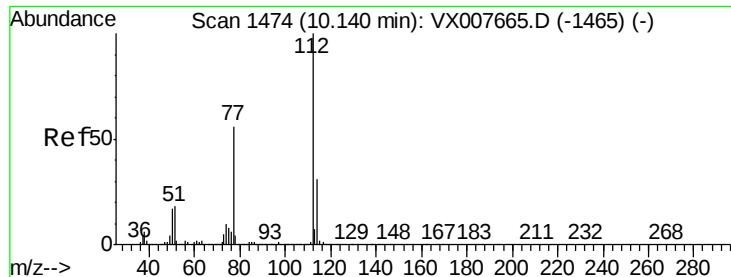
Tgt Ion:117 Resp: 544598
Ion Ratio Lower Upper
117 100
82 54.6 42.1 63.1
119 33.0 26.5 39.7



#64
Tetrachloroethene
Concen: 11.763 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion:164 Resp: 52006
Ion Ratio Lower Upper
164 100
166 120.5 101.0 151.4
129 93.4 70.5 105.7
131 91.0 69.8 104.6





#65

Chlorobenzene

Concen: 0.039 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

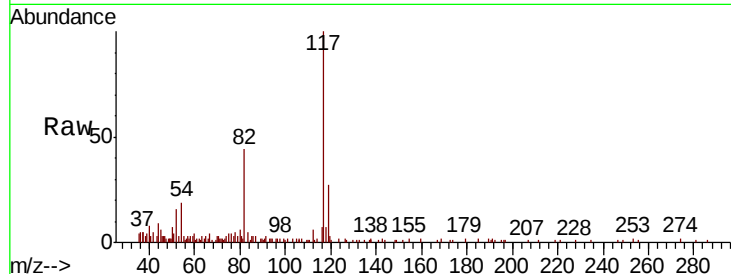
BP-VPB201-GW-365-367

Tgt Ion:112 Resp: 455

Ion Ratio Lower Upper

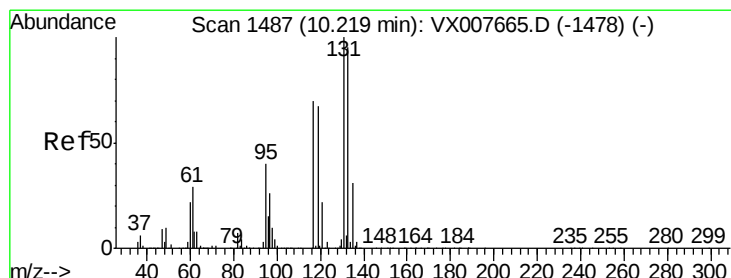
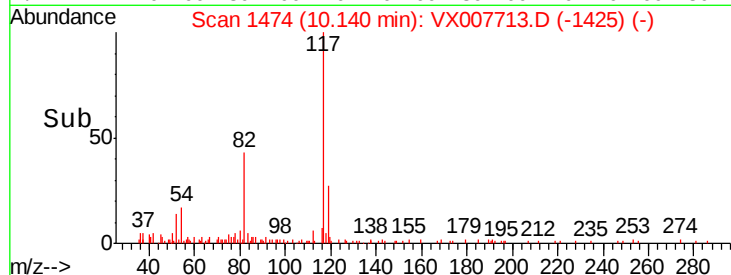
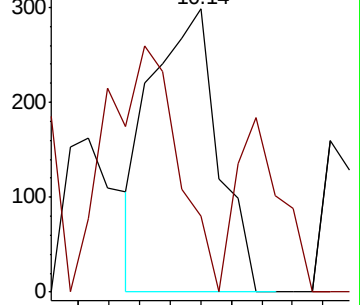
112 100

114 0.0 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.050 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

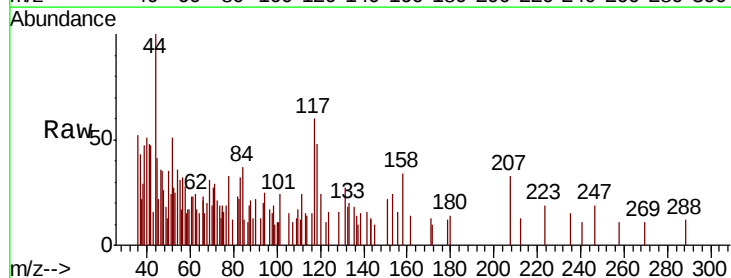
Tgt Ion:131 Resp: 204

Ion Ratio Lower Upper

131 100

133 101.0 48.0 144.2

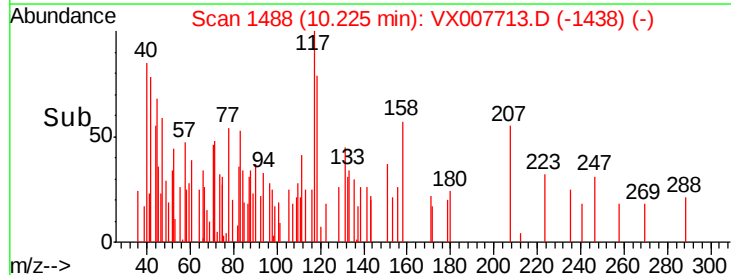
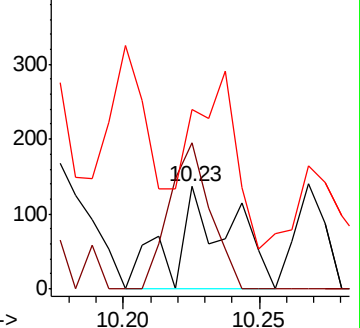
119 0.0 32.0 96.0#

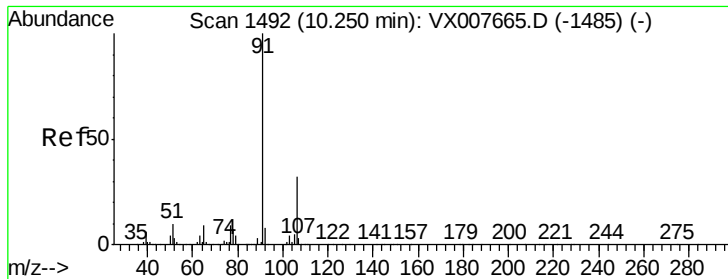


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

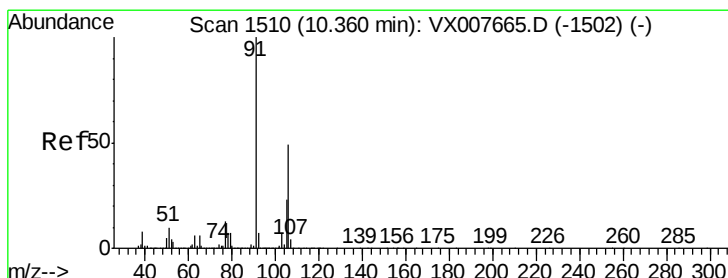
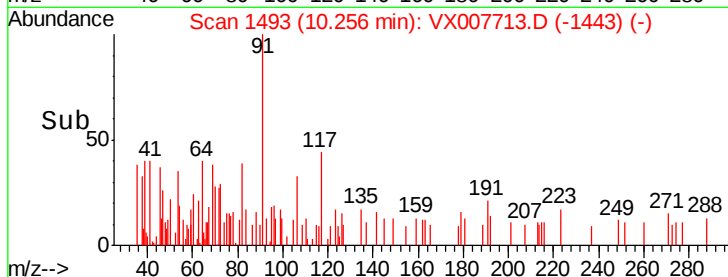
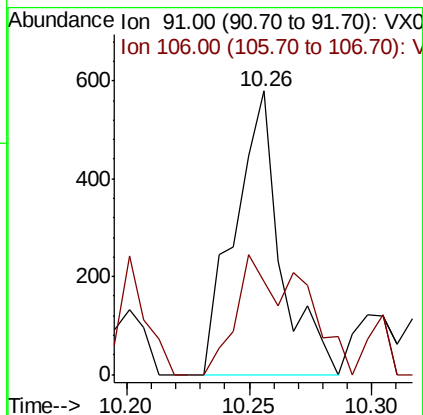
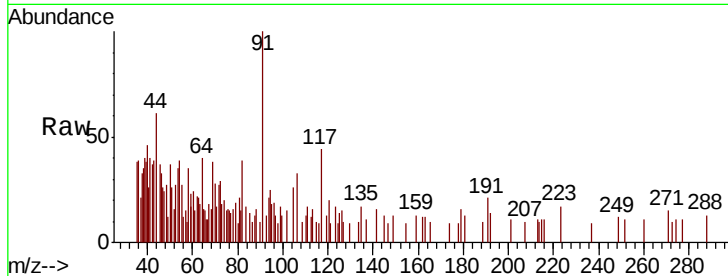




#67
Ethyl Benzene
Concen: 0.039 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

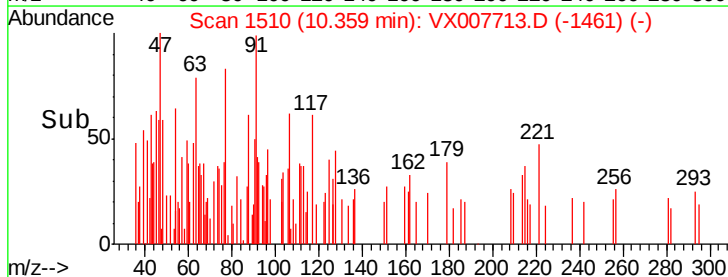
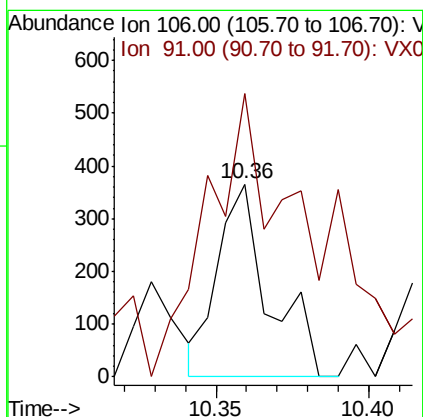
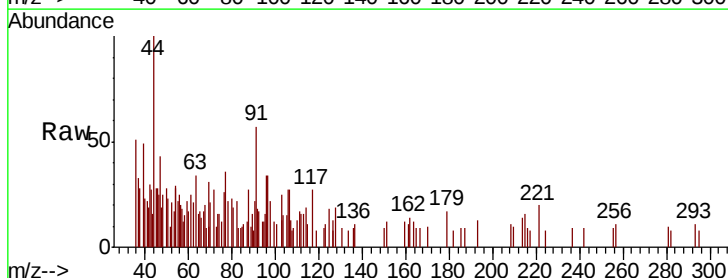
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

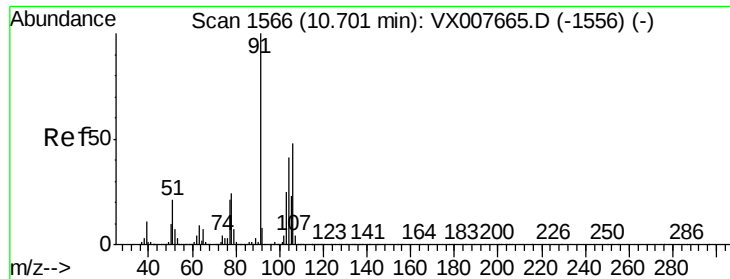
Tgt Ion: 91 Resp: 753
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.0



#68
m/p-Xylenes
Concen: 0.056 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 106 Resp: 424
Ion Ratio Lower Upper
106 100
91 312.3 156.6 234.8#

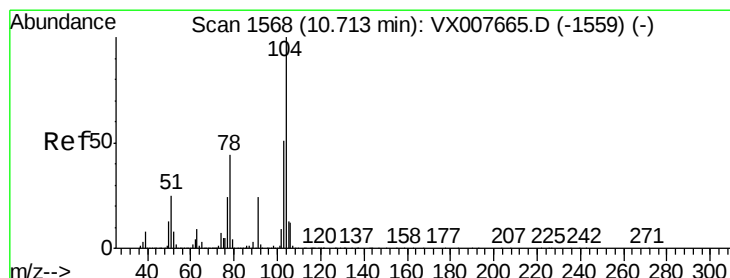
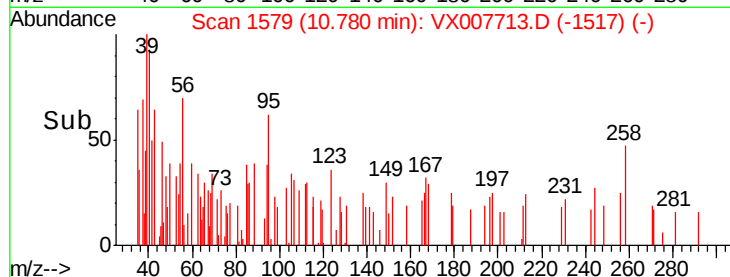
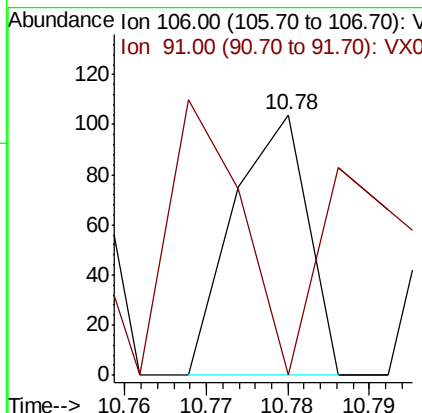
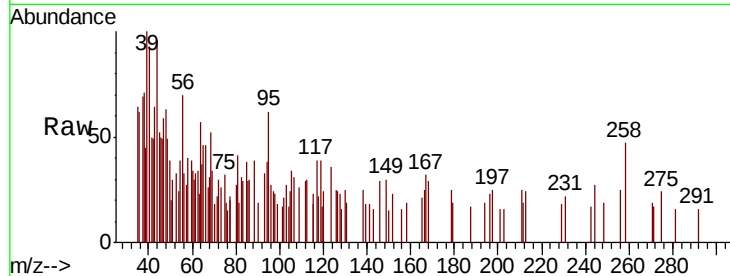




#69
o-Xylene
Concen: 0.009 ug/l
RT: 10.78 min Scan# 1579
Delta R.T. 0.08 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

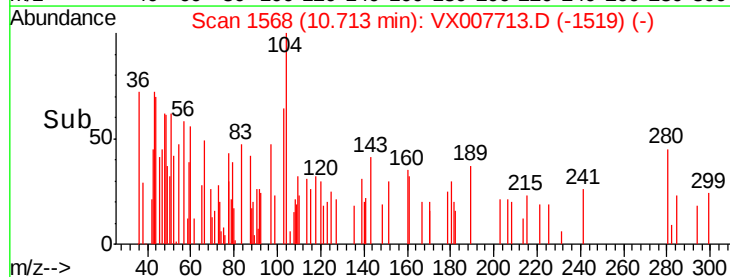
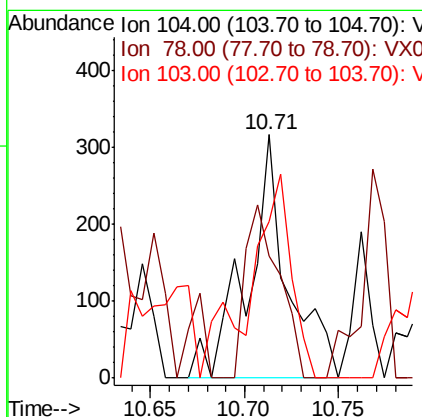
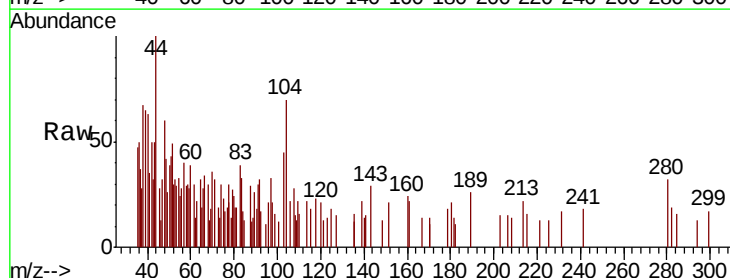
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

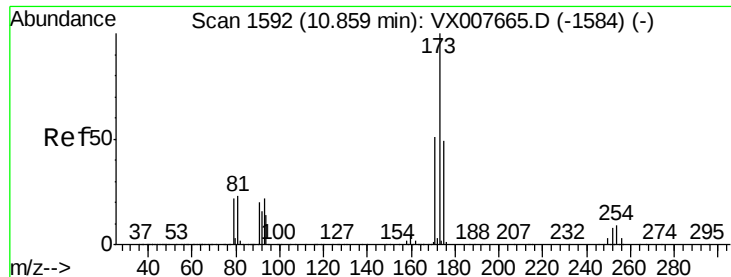
Tgt Ion:106 Resp: 66
Ion Ratio Lower Upper
106 100
91 113.6 102.9 308.7



#70
Styrene
Concen: 0.039 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion:104 Resp: 470
Ion Ratio Lower Upper
104 100
78 59.8 38.3 57.5#
103 64.0 44.6 67.0





#71

Bromoform

Concen: 0.024 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

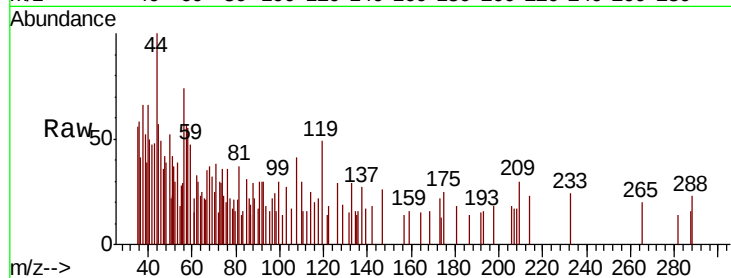
Tgt Ion:173 Resp: 74

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

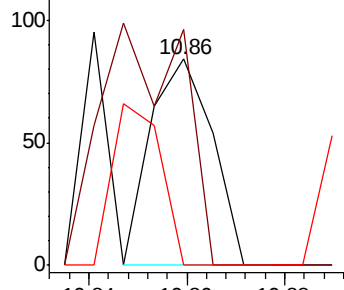
254 60.8 0.2 0.2#



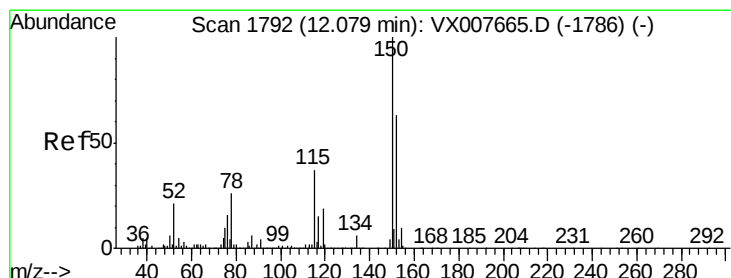
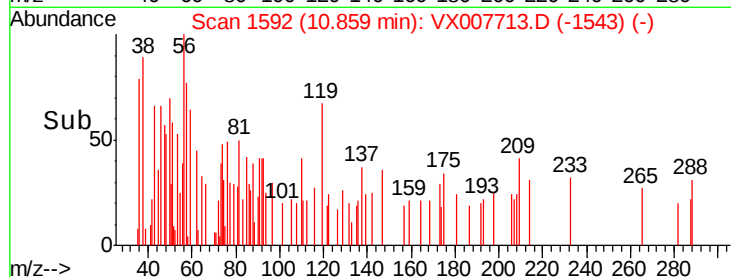
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

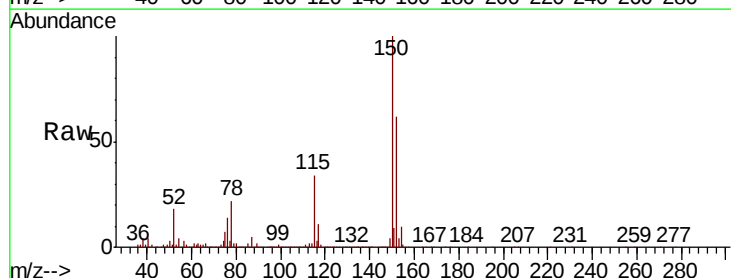
Tgt Ion:152 Resp: 249228

Ion Ratio Lower Upper

152 100

115 56.2 38.0 114.0

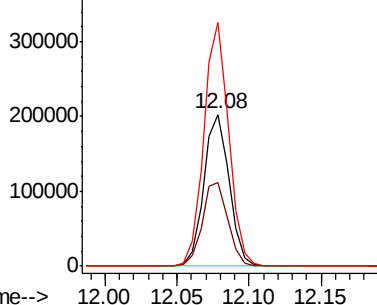
150 157.5 0.0 346.4



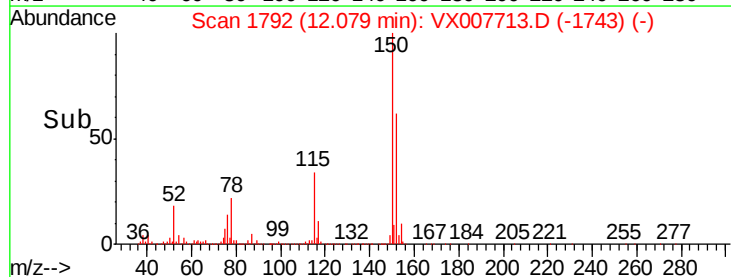
Abundance Ion 151.90 (151.60 to 152.60): V

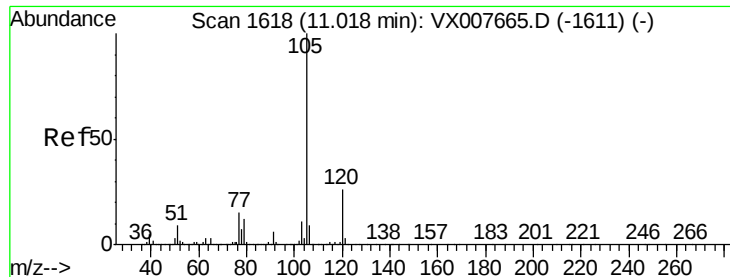
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 0.007 ug/l

RT: 11.09 min Scan# 1630

Delta R.T. 0.07 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

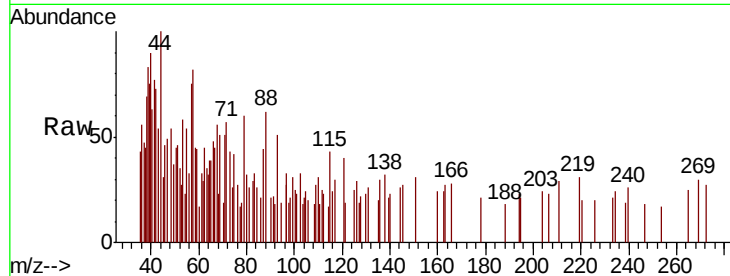
BP-VPB201-GW-365-367

Tgt Ion:105 Resp: 130

Ion Ratio Lower Upper

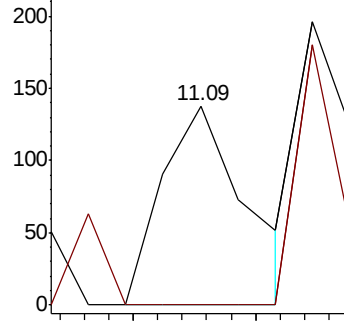
105 100

120 17.7 13.6 40.7

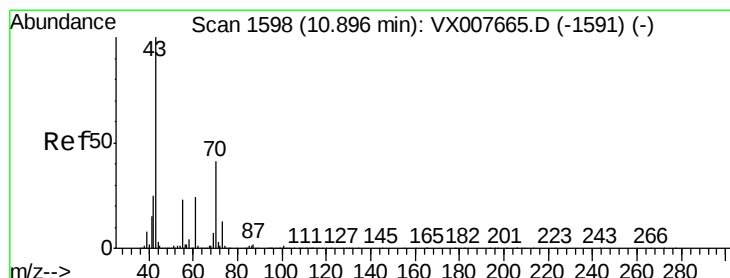
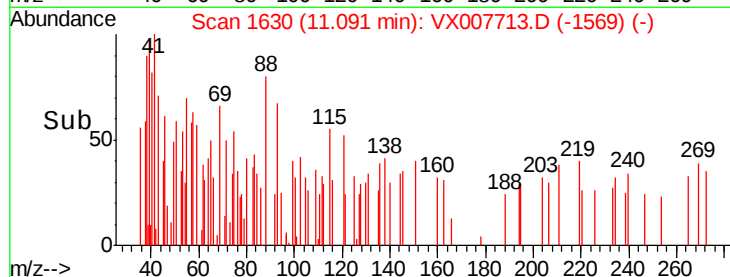


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 0.270 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Tgt Ion: 43 Resp: 2086

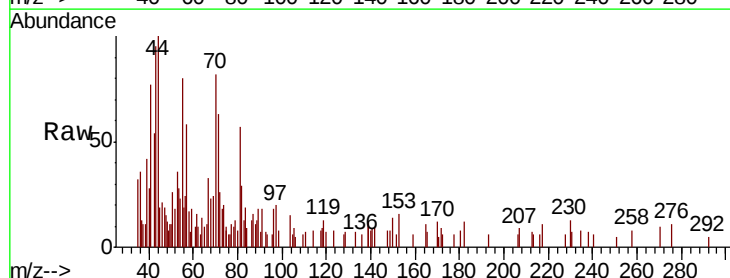
Ion Ratio Lower Upper

43 100

70 51.8 33.8 50.6#

55 87.1 19.5 29.3#

61 0.0 19.4 29.2#

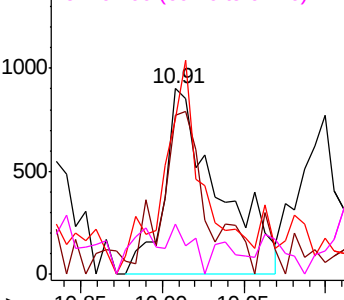


Abundance Ion 43.00 (42.70 to 43.70): VX0

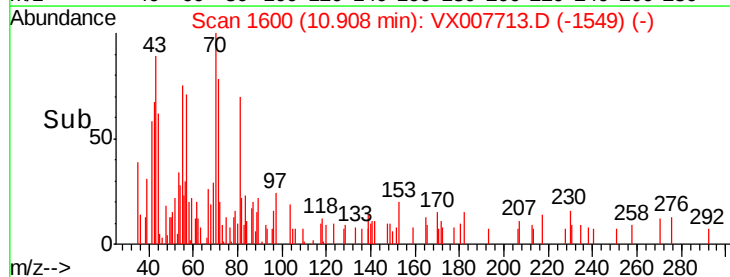
Ion 70.00 (69.70 to 70.70): VX0

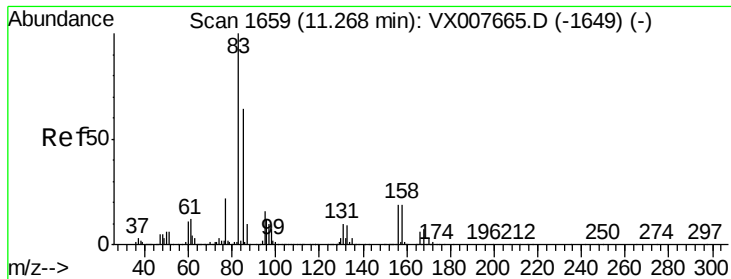
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.055 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

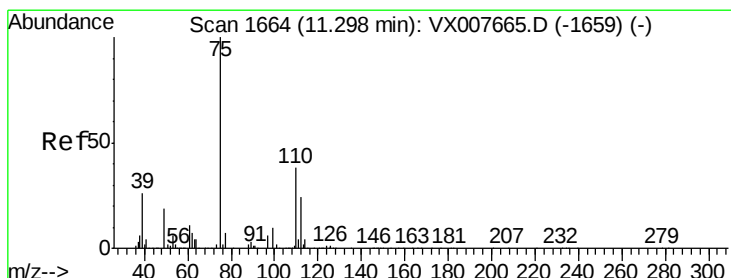
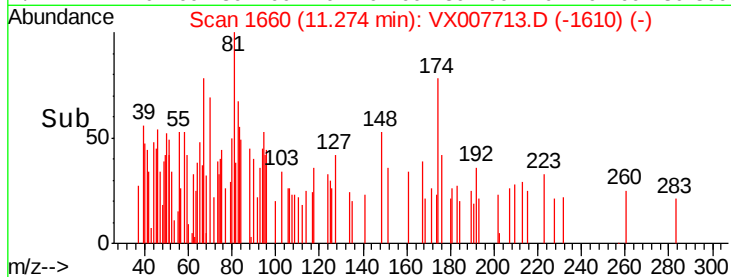
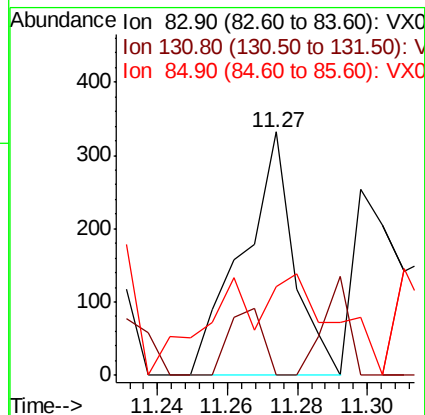
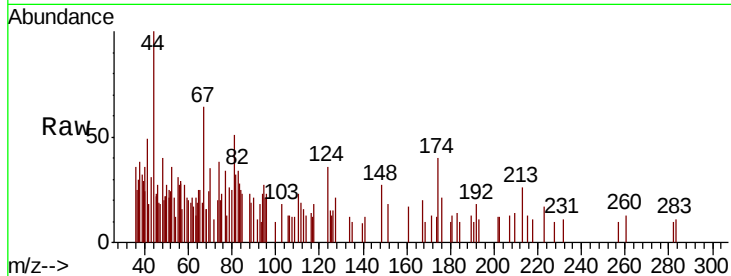
Tgt Ion: 83 Resp: 340

Ion Ratio Lower Upper

83 100

131 18.5 5.7 17.0#

85 52.1 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 21.953 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007713.D

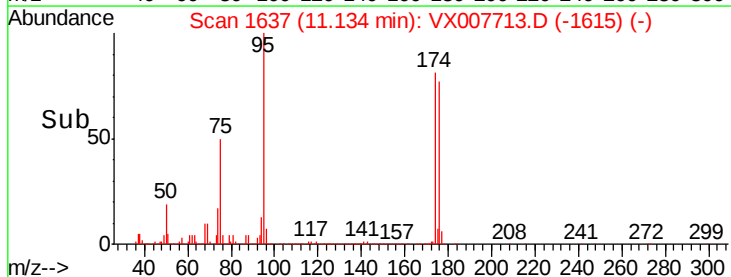
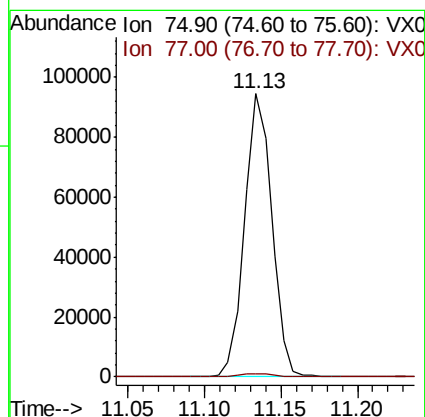
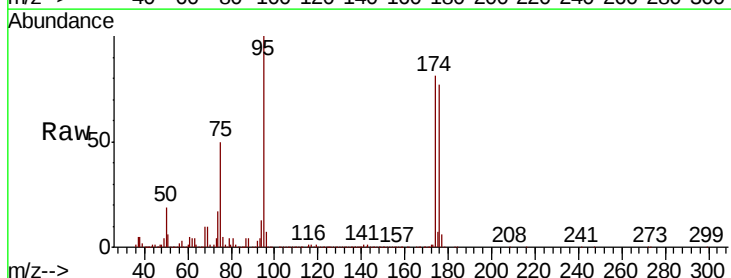
Acq: 26 Feb 2019 15:06

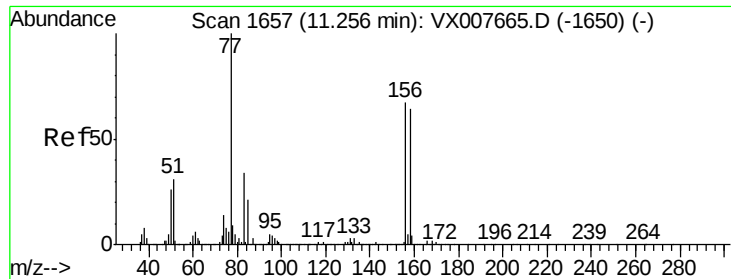
Tgt Ion: 75 Resp: 116622

Ion Ratio Lower Upper

75 100

77 1.6 23.0 69.0#





#77

Bromobenzene

Concen: 0.042 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

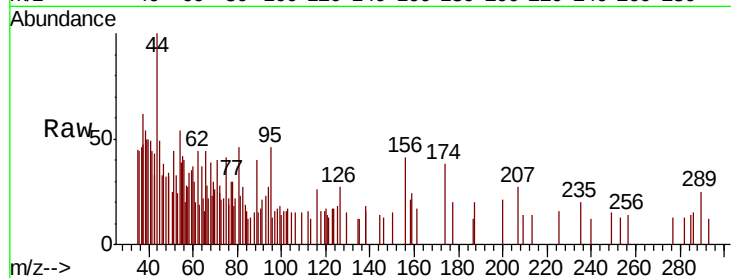
Tgt Ion: 156 Resp: 186

Ion Ratio Lower Upper

156 100

77 197.8 66.8 200.6

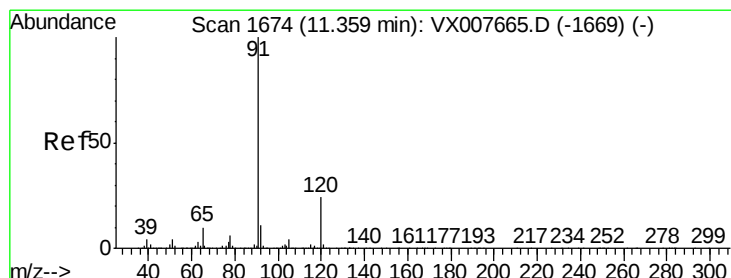
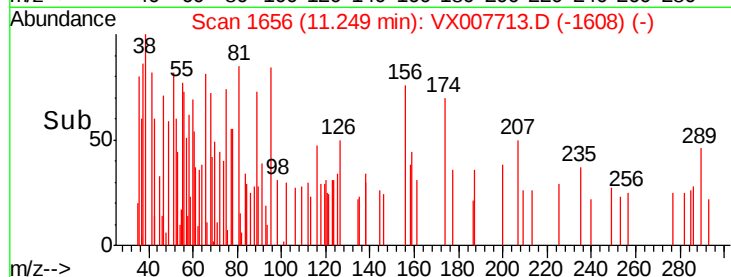
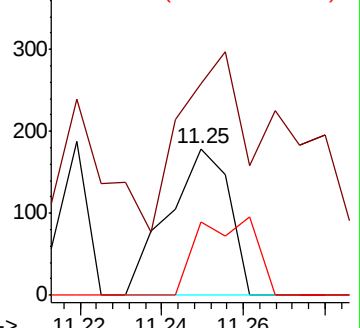
158 51.1 47.9 143.8



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



#78

n-propylbenzene

Concen: 0.007 ug/l

RT: 11.32 min Scan# 1668

Delta R.T. -0.04 min

Lab File: VX007713.D

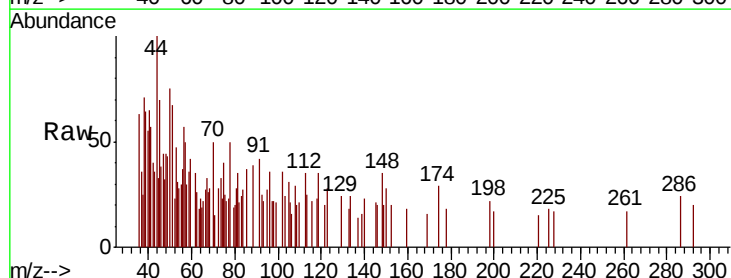
Acq: 26 Feb 2019 15:06

Tgt Ion: 91 Resp: 147

Ion Ratio Lower Upper

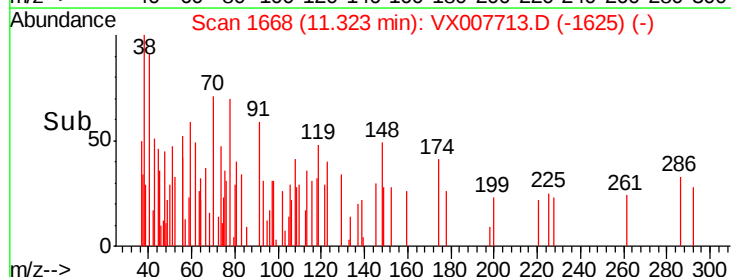
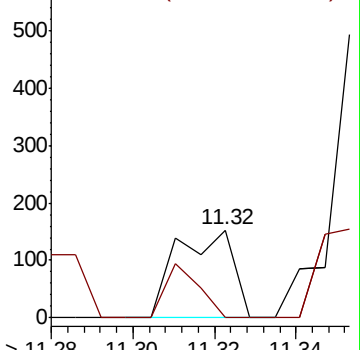
91 100

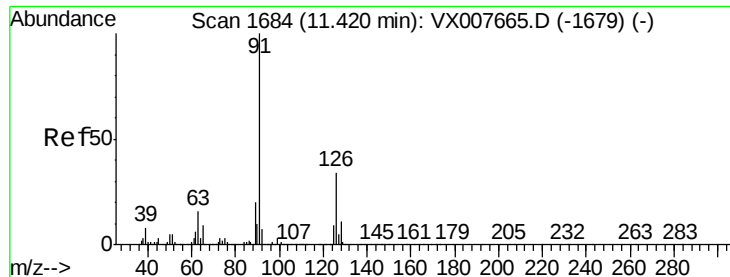
120 36.1 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.049 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. 0.08 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

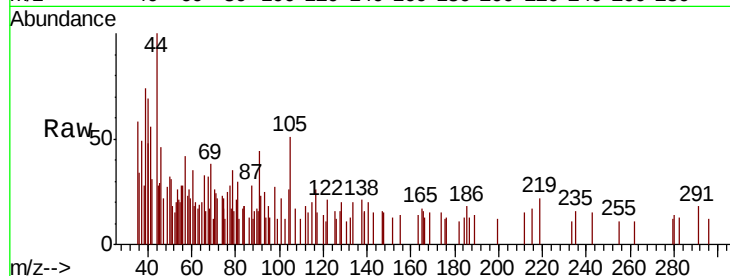
BP-VPB201-GW-365-367

Tgt Ion: 91 Resp: 595

Ion Ratio Lower Upper

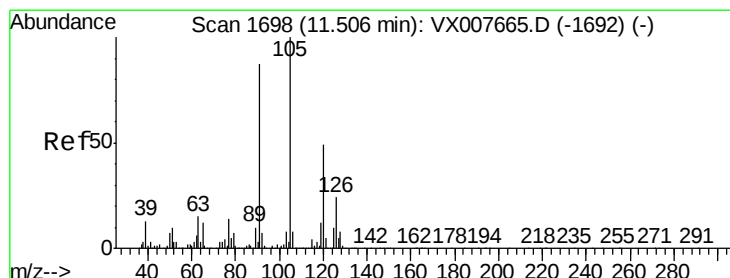
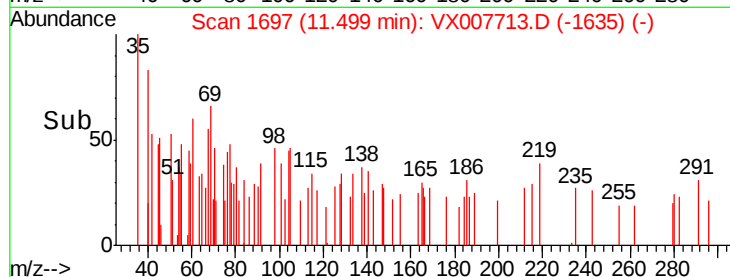
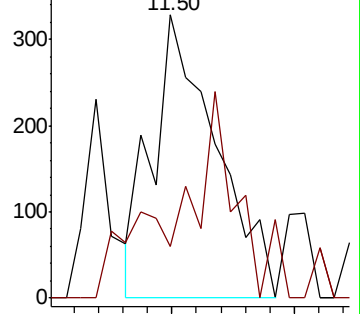
91 100

126 24.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.021 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX007713.D

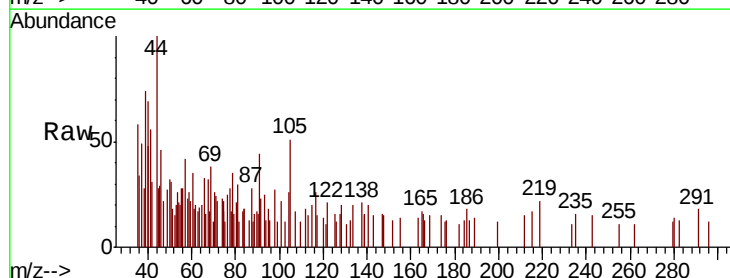
Acq: 26 Feb 2019 15:06

Tgt Ion: 105 Resp: 307

Ion Ratio Lower Upper

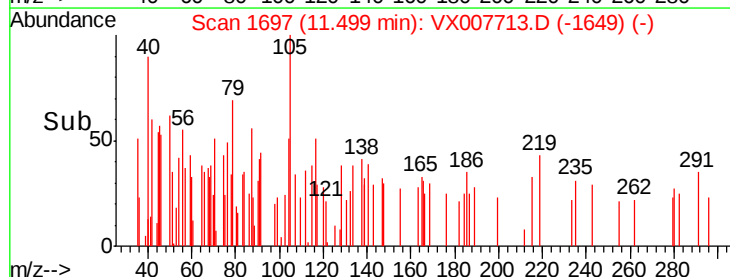
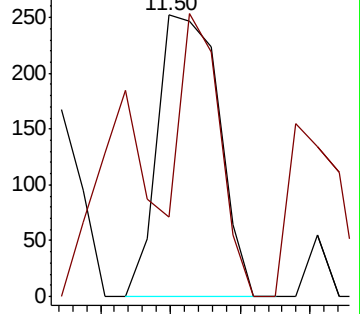
105 100

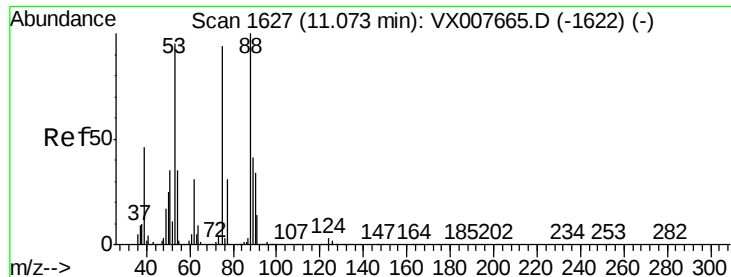
120 62.9 25.3 75.8



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: 58.296 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

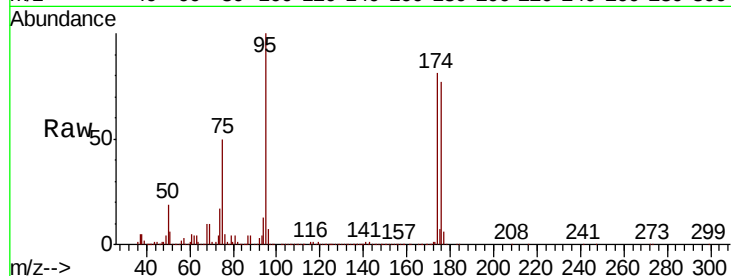
Tgt Ion: 75 Resp: 116622

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

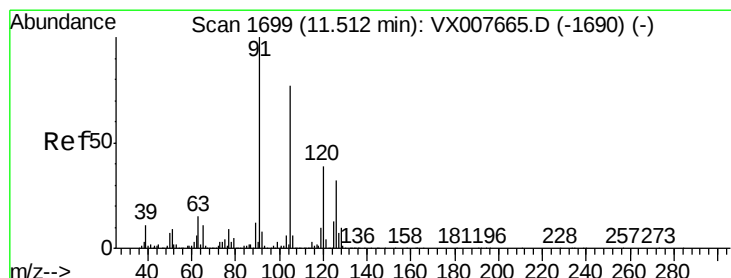
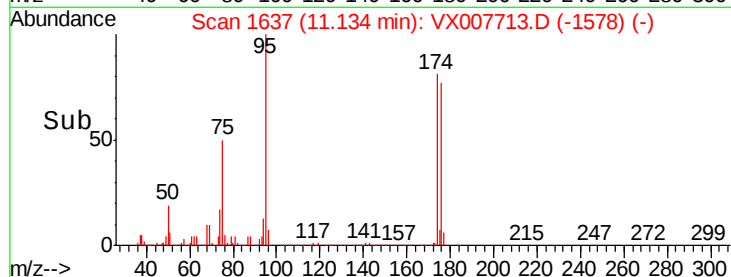
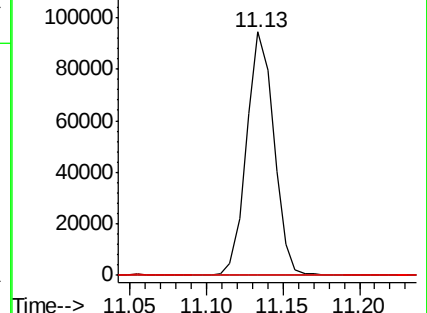
89 0.1 41.4 62.0#



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: 0.042 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX007713.D

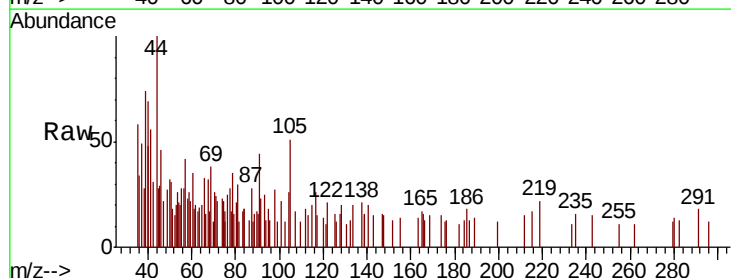
Acq: 26 Feb 2019 15:06

Tgt Ion: 91 Resp: 595

Ion Ratio Lower Upper

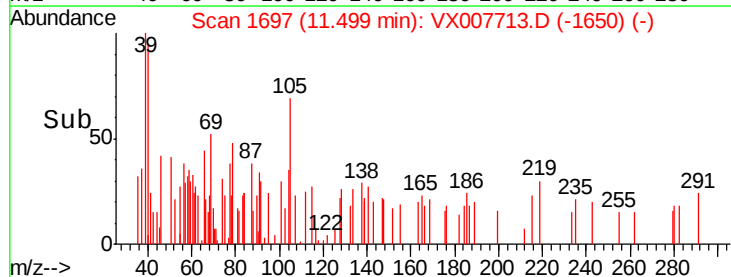
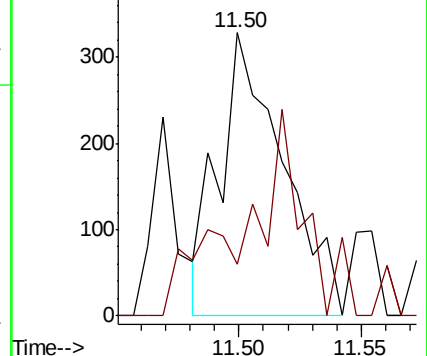
91 100

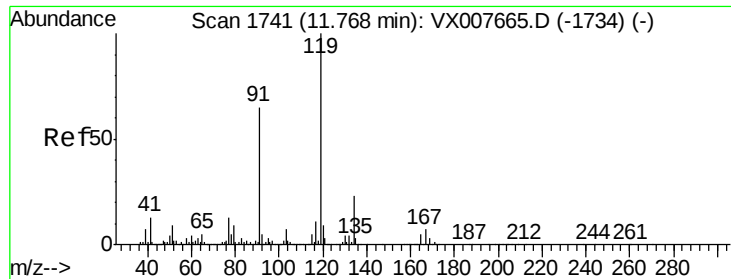
126 24.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.010 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.10 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

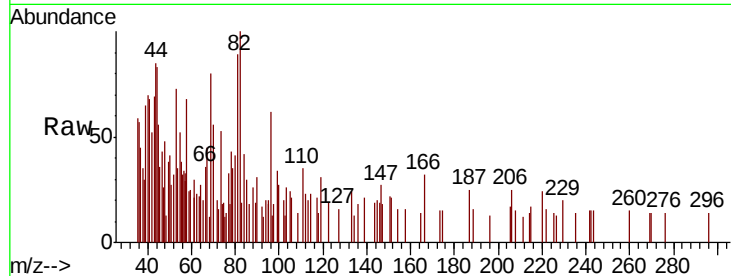
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

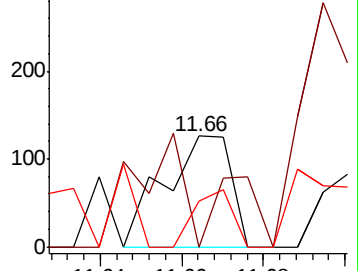
Tgt Ion:	119	Resp:	144
Ion Ratio	Lower	Upper	
119	100		
91	72.9	28.5	85.6
134	29.9	12.0	36.0



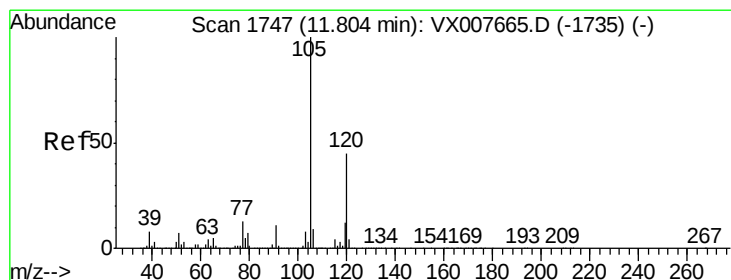
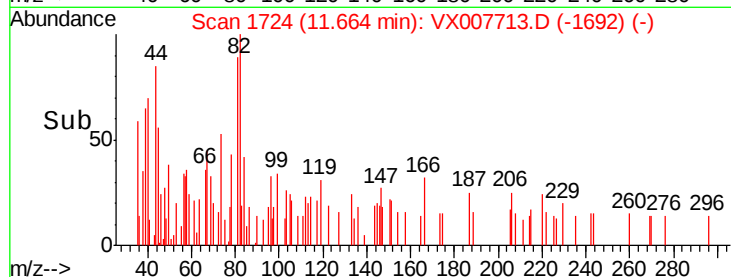
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.016 ug/l

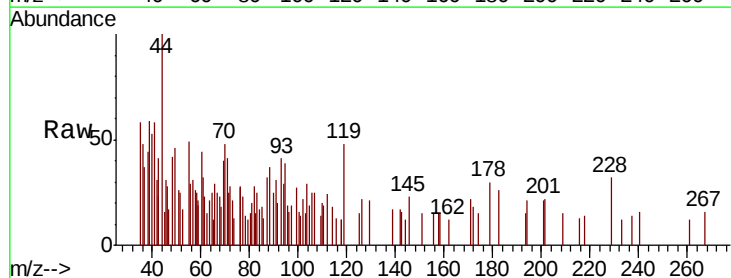
RT: 11.76 min Scan# 1740

Delta R.T. -0.04 min

Lab File: VX007713.D

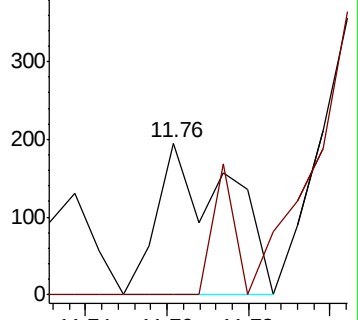
Acq: 26 Feb 2019 15:06

Tgt Ion:	105	Resp:	235
Ion Ratio	Lower	Upper	
105	100		
120	26.0	23.1	69.3

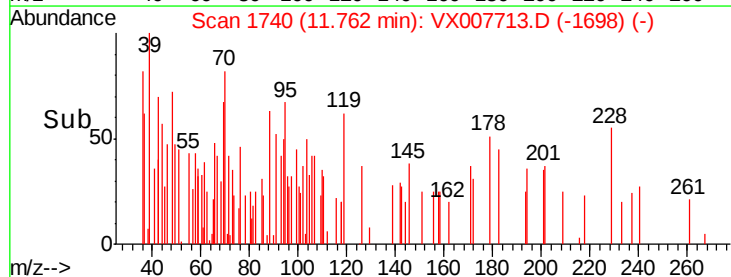


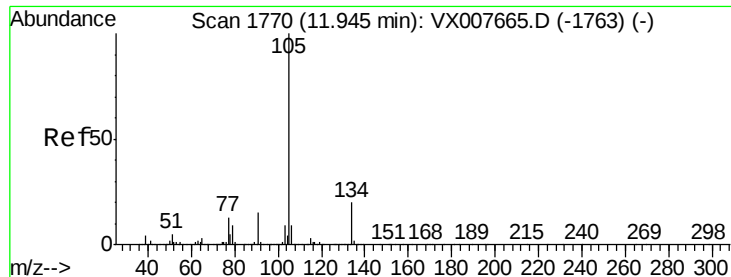
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 0.007 ug/l

RT: 11.91 min Scan# 1764

Delta R.T. -0.04 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

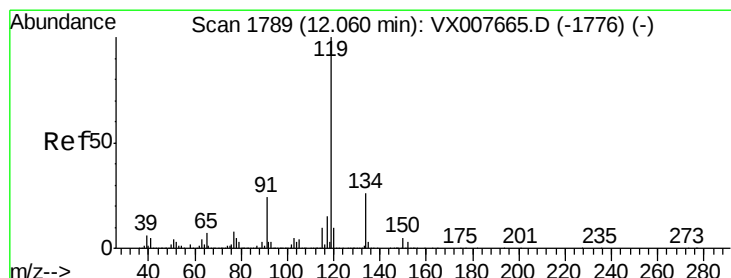
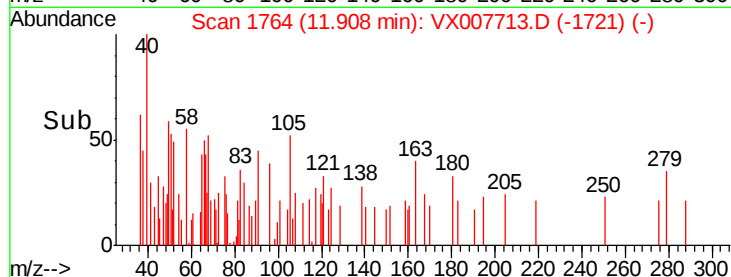
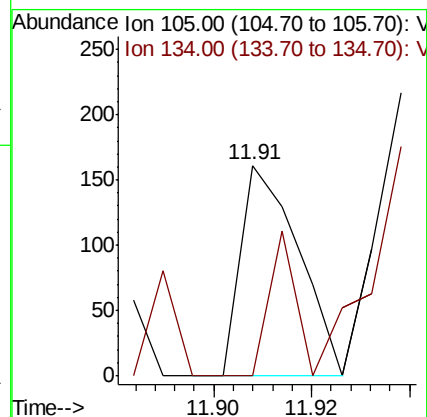
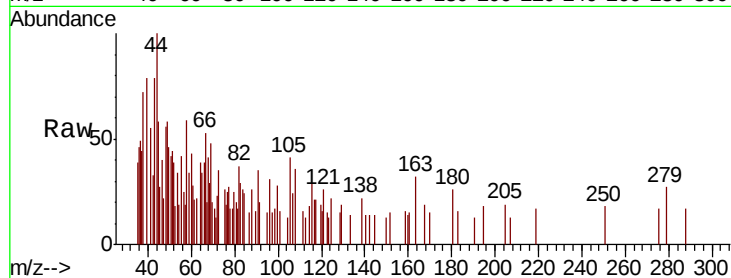
BP-VPB201-GW-365-367

Tgt Ion:105 Resp: 132

Ion Ratio Lower Upper

105 100

134 31.1 10.6 31.8



#86

p-Isopropyltoluene

Concen: 0.032 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

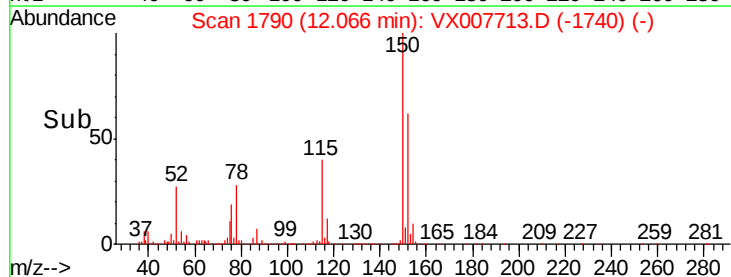
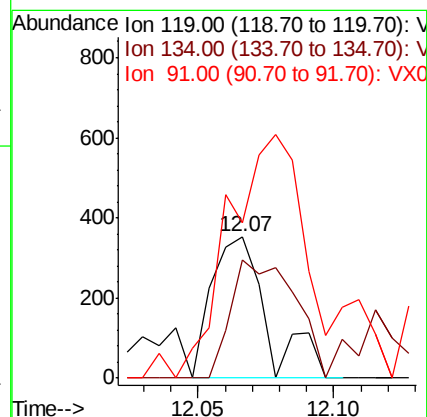
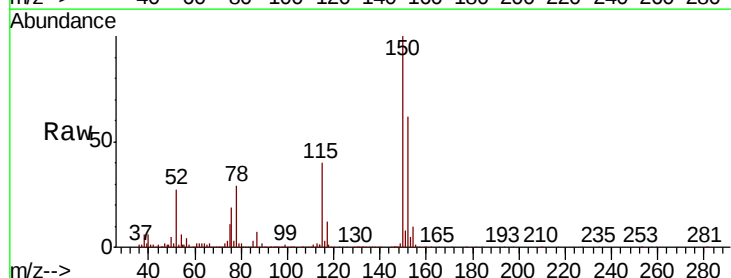
Tgt Ion:119 Resp: 497

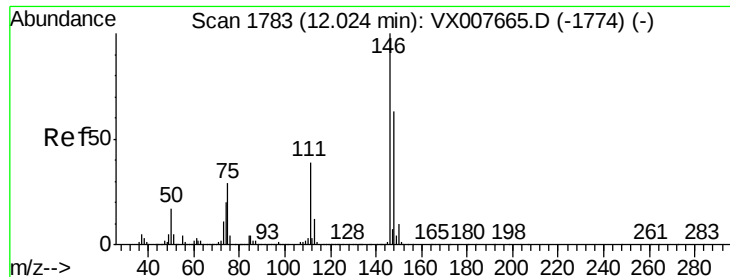
Ion Ratio Lower Upper

119 100

134 96.6 13.7 41.1#

91 270.4 11.2 33.5#





#87

1,3-Dichlorobenzene

Concen: 0.050 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

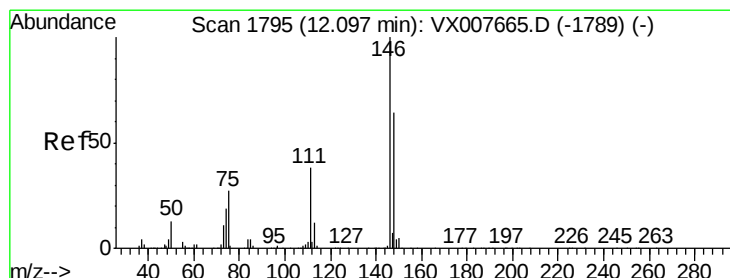
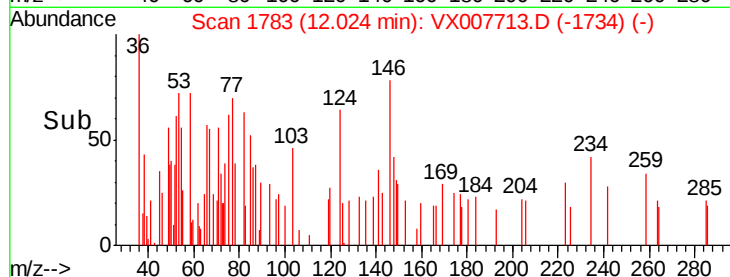
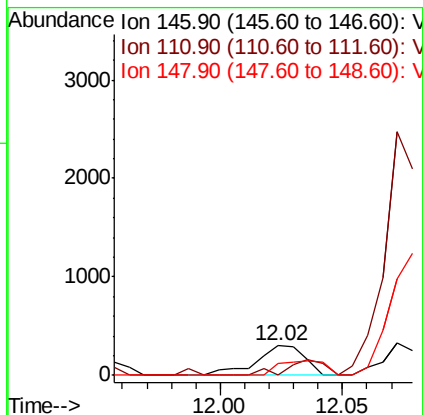
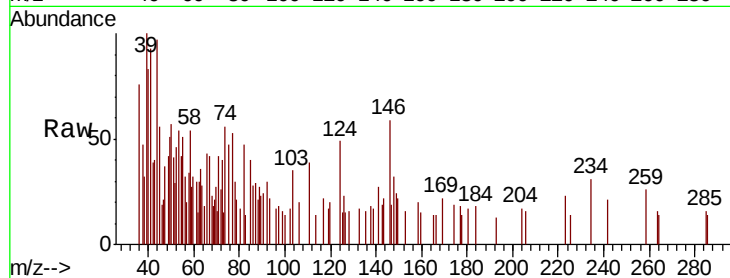
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

Tgt Ion:	146	Resp:	417
Ion	Ratio	Lower	Upper
146	100		
111	41.0	18.1	54.1
148	47.5	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 0.049 ug/l

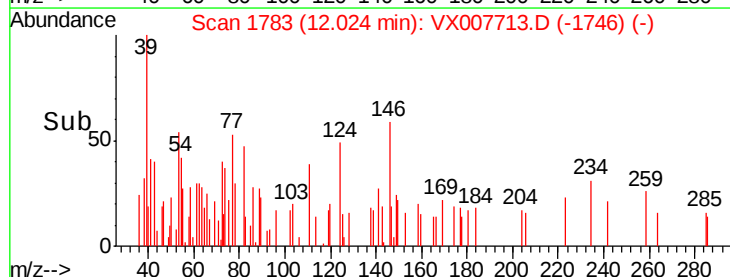
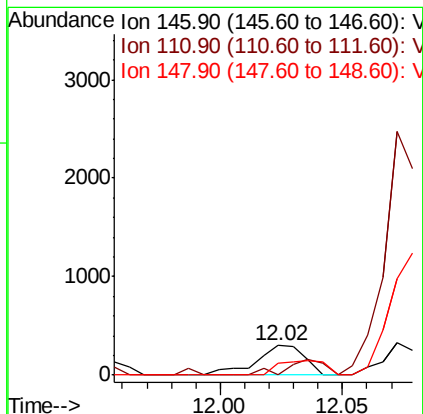
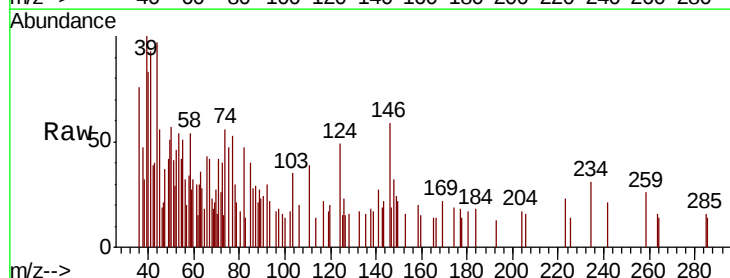
RT: 12.02 min Scan# 1783

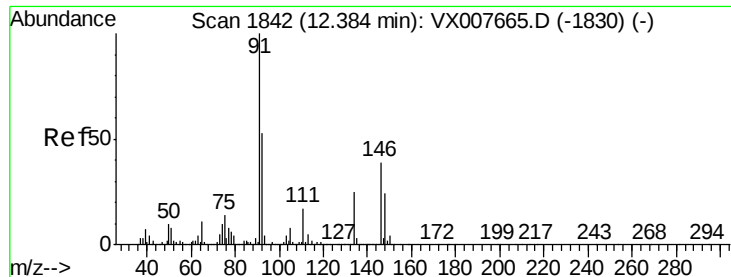
Delta R.T. -0.07 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Tgt Ion:	146	Resp:	417
Ion	Ratio	Lower	Upper
146	100		
111	41.0	18.1	54.1
148	47.5	32.3	96.9

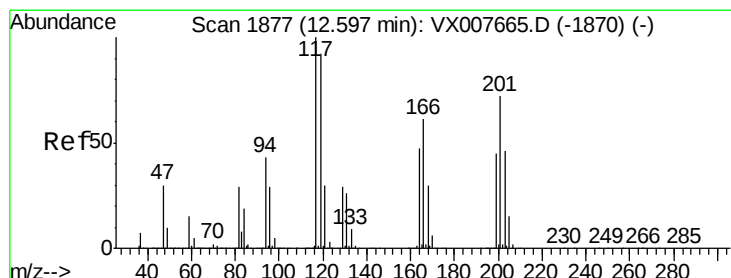
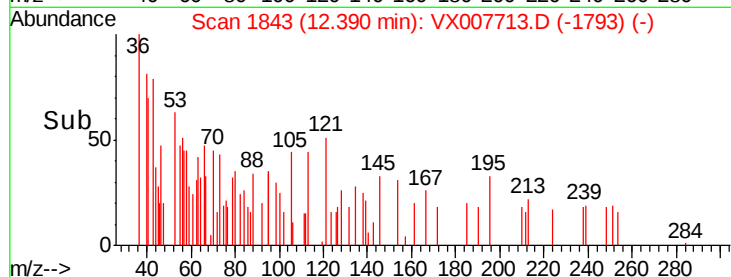
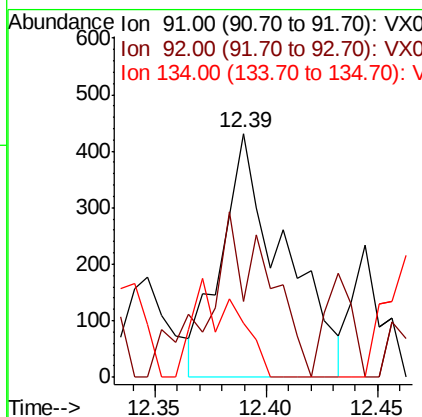
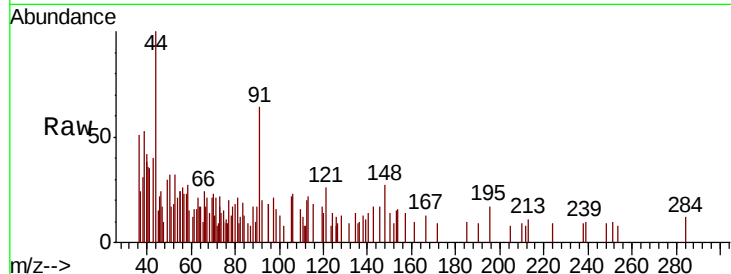




#89
n-Butylbenzene
Concen: 0.061 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

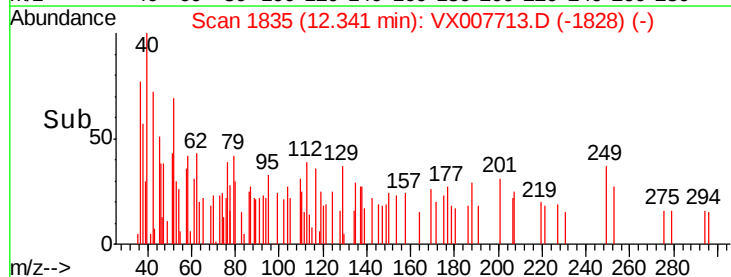
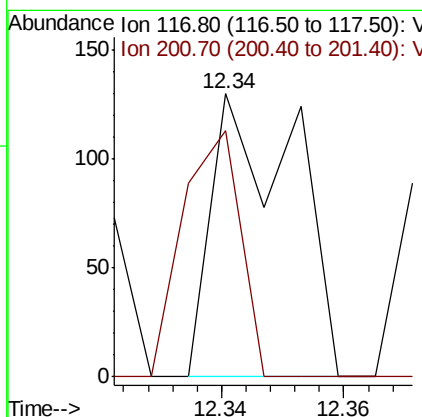
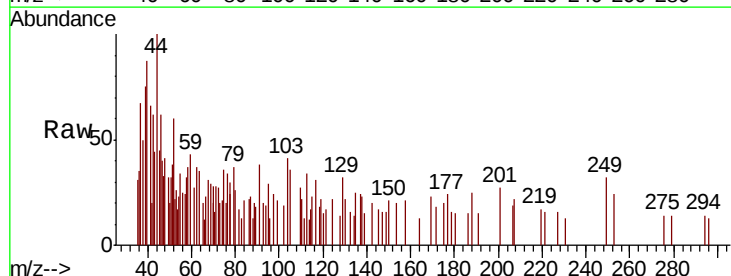
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

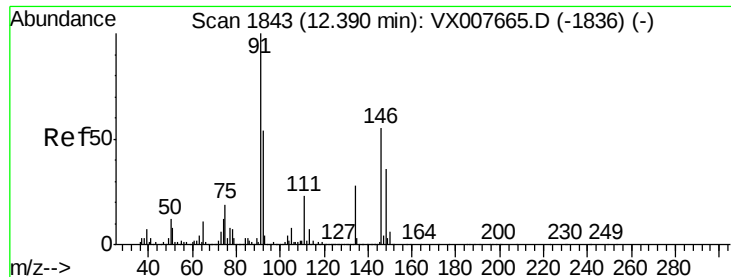
Tgt Ion: 91 Resp: 842
Ion Ratio Lower Upper
91 100
92 66.5 26.3 78.9
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 0.047 ug/l
RT: 12.34 min Scan# 1835
Delta R.T. -0.26 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 117 Resp: 121
Ion Ratio Lower Upper
117 100
201 61.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 0.023 ug/l

RT: 12.22 min Scan# 1815

Delta R.T. -0.17 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

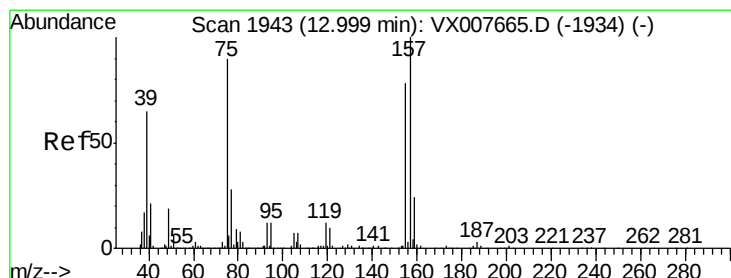
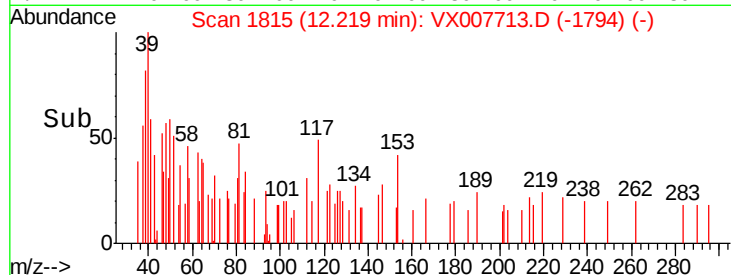
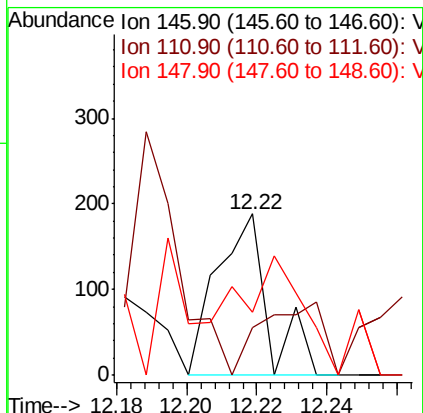
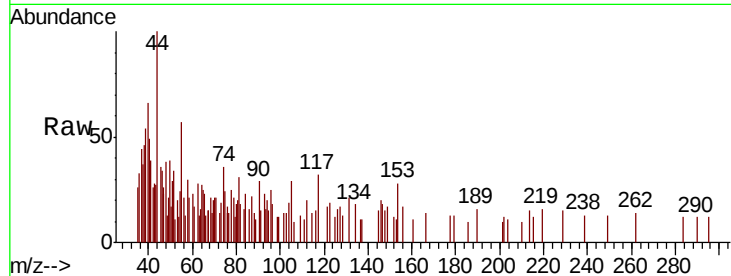
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

Tgt Ion:	146	Resp:	192
Ion	Ratio	Lower	Upper
146	100		
111	53.6	19.1	57.3
148	89.1	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.072 ug/l

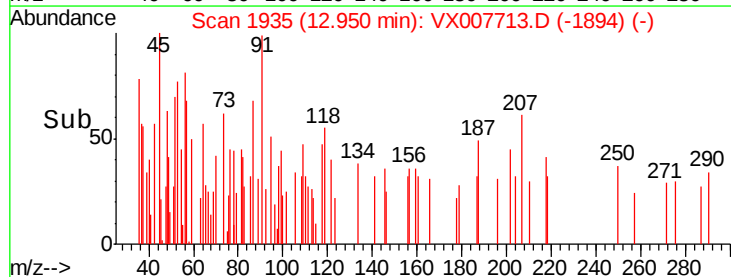
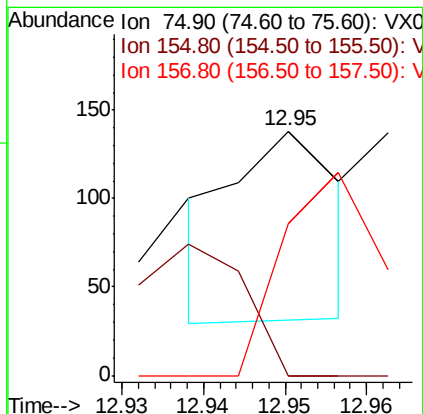
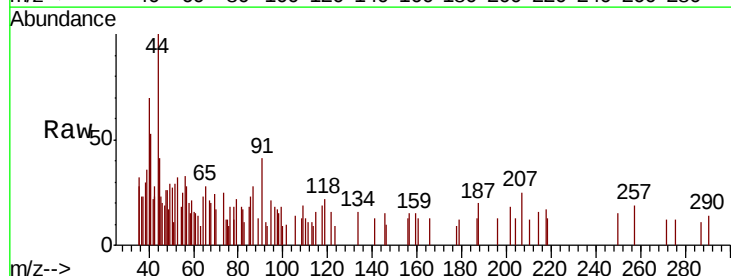
RT: 12.95 min Scan# 1935

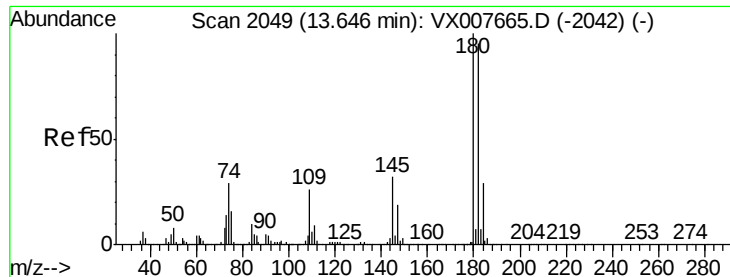
Delta R.T. -0.05 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Tgt Ion:	75	Resp:	97
Ion	Ratio	Lower	Upper
75	100		
155	69.1	49.6	149.0
157	97.9	65.1	195.3

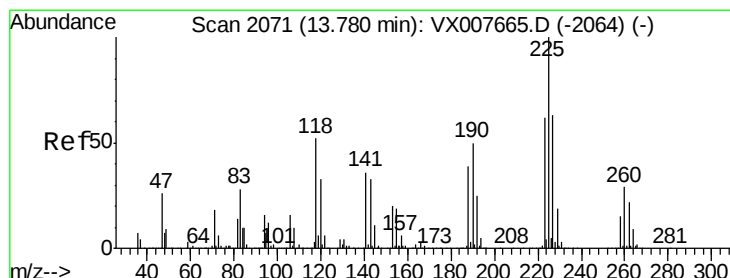
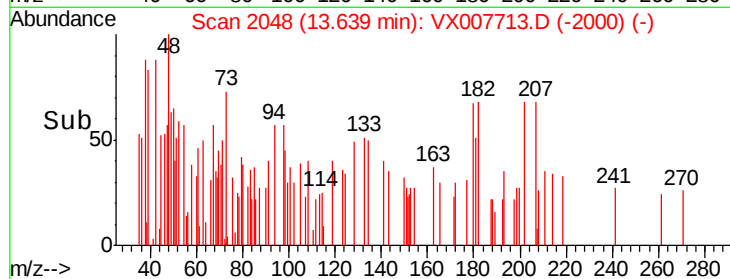
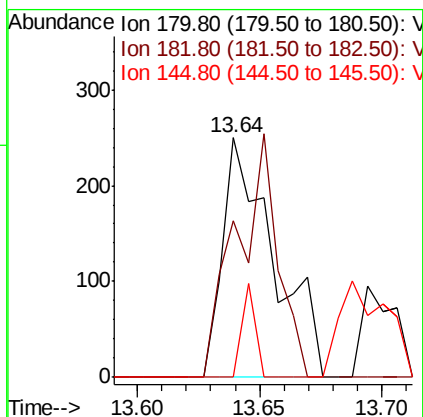
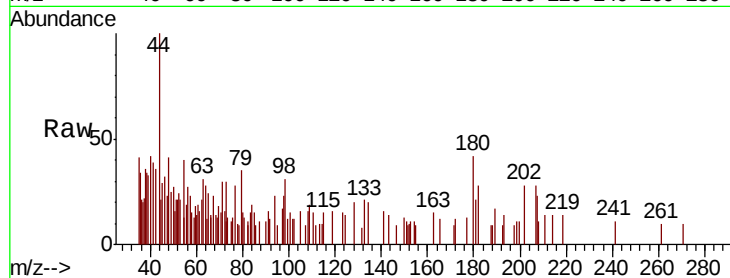




#93
1,2,4-Trichlorobenzene
Concen: 0.072 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

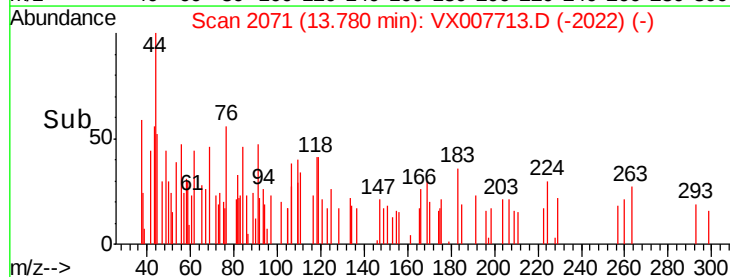
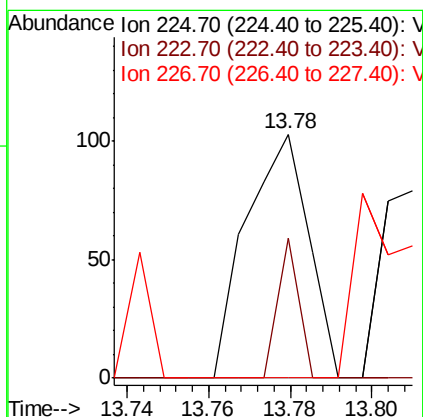
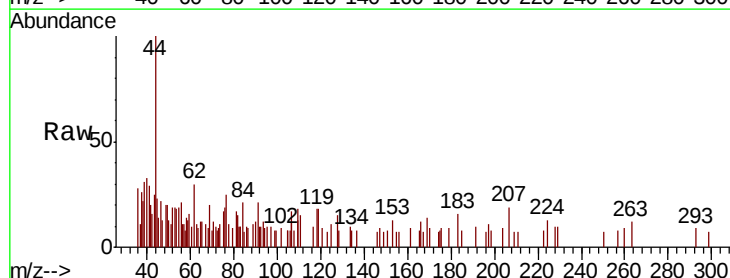
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

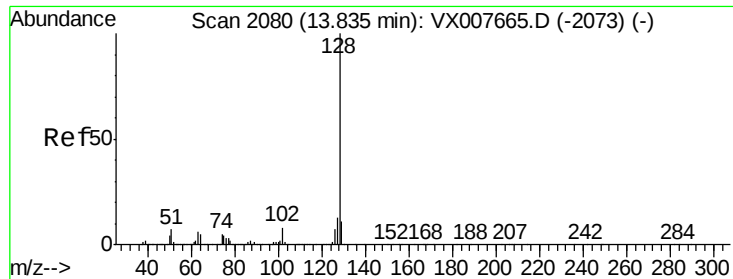
Tgt Ion:180 Resp: 363
Ion Ratio Lower Upper
180 100
182 82.6 47.8 143.3
145 9.9 14.1 42.2#



#94
Hexachlorobutadiene
Concen: 0.048 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion:225 Resp: 110
Ion Ratio Lower Upper
225 100
223 20.0 31.6 94.8#
227 0.0 32.1 96.3#

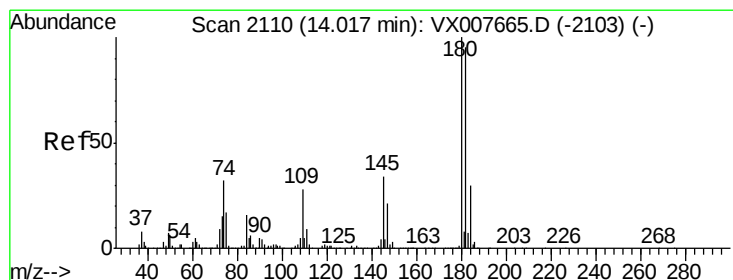
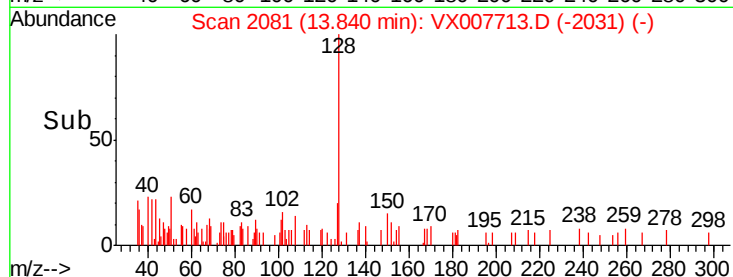
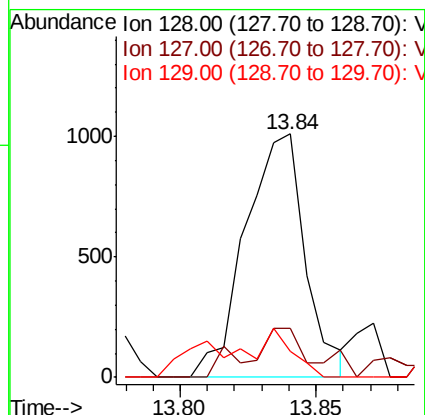
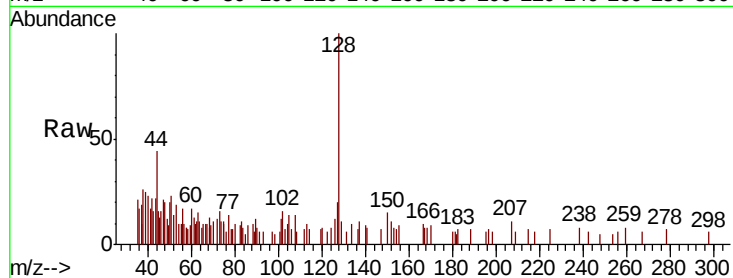




#95
Naphthalene
Concen: 0.094 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

Tgt Ion:128 Resp: 1543
Ion Ratio Lower Upper
128 100
127 18.6 10.5 15.7#
129 8.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.052 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion:180 Resp: 263
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.6#
145 74.5 14.9 44.5#

