

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007818.D
 Acq On : 04 Mar 2019 18:35
 Operator : JC/SP
 Sample : K1719-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

Quant Time: Mar 04 22:03:43 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	307097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	171286	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
35) Dibromofluoromethane	5.50	113	153161	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	8.71	98	559865	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	200165	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	112924	39.917	ug/l	99
3) Chloromethane	1.33	50	143598	45.806	ug/l	100
4) Vinyl Chloride	1.41	62	153757	47.806	ug/l	100
5) Bromomethane	1.64	94	81802	40.070	ug/l	99
6) Chloroethane	1.71	64	101220	49.259	ug/l	99
7) Trichlorofluoromethane	1.93	101	210694	42.732	ug/l	99
8) Diethyl Ether	2.19	74	96801	47.838	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	123878	41.569	ug/l	99
10) Methyl Iodide	2.51	142	198972	53.621	ug/l	97
11) Tert butyl alcohol	3.08	59	181960	252.112	ug/l	100
12) 1,1-Dichloroethene	2.37	96	127753	47.558	ug/l	95
13) Acrolein	2.30	56	233847	364.616	ug/l	100
14) Allyl chloride	2.73	41	268893	54.136	ug/l	90
15) Acrylonitrile	3.15	53	456491	268.764	ug/l	100
16) Acetone	2.45	43	381271	225.388	ug/l	98
17) Carbon Disulfide	2.57	76	363655	48.660	ug/l	99
18) Methyl Acetate	2.78	43	207346	56.172	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	473551	50.623	ug/l	98
20) Methylene Chloride	2.86	84	144815	46.361	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	136884	46.873	ug/l	95
22) Diisopropyl ether	3.87	45	515256	49.833	ug/l	93
23) Vinyl Acetate	3.82	43	2120854	233.791	ug/l	98
24) 1,1-Dichloroethane	3.70	63	273977	48.756	ug/l	98
25) 2-Butanone	4.70	43	632129	245.317	ug/l	95
26) 2,2-Dichloropropane	4.59	77	175194	39.057	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	164914	44.381	ug/l	95
28) Bromochloromethane	5.02	49	127297	46.532	ug/l	88
29) Tetrahydrofuran	5.15	42	422541	248.766	ug/l	94
30) Chloroform	5.21	83	262093	43.542	ug/l	99
31) Cyclohexane	5.57	56	235797	44.609	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	221612	44.517	ug/l	99
36) 1,1-Dichloropropene	5.80	75	194848	47.390	ug/l	97
37) Ethyl Acetate	4.85	43	226575	49.609	ug/l	99
38) Carbon Tetrachloride	5.78	117	191752	46.428	ug/l	100

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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	7.46	83	224093	43.125	ug/l	96
40) Benzene	6.14	78	609992	48.061	ug/l	99
41) Methacrylonitrile	5.06	41	134768	55.259	ug/l	94
42) 1,2-Dichloroethane	6.20	62	199804	46.837	ug/l	98
43) Isopropyl Acetate	6.46	43	365038	51.931	ug/l	98
44) Trichloroethene	7.21	130	197378	56.532	ug/l	98
45) 1,2-Dichloropropane	7.51	63	164158	49.930	ug/l	99
46) Dibromomethane	7.66	93	101843	44.402	ug/l	97
47) Bromodichloromethane	7.90	83	196118	49.340	ug/l	99
48) Methyl methacrylate	7.77	41	194569	52.806	ug/l	91
49) 1,4-Dioxane	7.75	88	74048	930.467	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1192433	253.427	ug/l	99
52) Toluene	8.79	92	374737	46.822	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	218433	44.528	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	239613	49.675	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	155716	46.657	ug/l	98
56) Ethyl methacrylate	9.18	69	242771	51.151	ug/l	94
57) 1,3-Dichloropropane	9.37	76	259721	48.614	ug/l	100
59) 2-Hexanone	9.49	43	893130	241.776	ug/l	98
60) Dibromochloromethane	9.58	129	163759	50.993	ug/l	97
61) 1,2-Dibromoethane	9.67	107	163552	47.199	ug/l	98
64) Tetrachloroethene	9.34	164	162545	50.082	ug/l	99
65) Chlorobenzene	10.14	112	410424	47.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154251	51.141	ug/l	99
67) Ethyl Benzene	10.25	91	691891	48.304	ug/l	100
68) m/p-Xylenes	10.36	106	530557	95.212	ug/l	97
69) o-Xylene	10.69	106	260918	48.679	ug/l	97
70) Styrene	10.71	104	419177	47.579	ug/l	99
71) Bromoform	10.86	173	132335	58.510	ug/l	99
73) Isopropylbenzene	11.02	105	691419	48.196	ug/l	100
74) N-amyl acetate	10.90	43	309259	49.641	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229858	46.325	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	265472	62.047	ug/l	80
77) Bromobenzene	11.26	156	184043	51.147	ug/l	95
78) n-propylbenzene	11.36	91	761815	46.993	ug/l	98
79) 2-Chlorotoluene	11.42	91	453076	46.416	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	561150	47.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69439	43.882	ug/l	90
82) 4-Chlorotoluene	11.51	91	516776	45.256	ug/l	98
83) tert-Butylbenzene	11.77	119	570519	50.354	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	575205	47.653	ug/l	98
85) sec-Butylbenzene	11.94	105	673196	47.415	ug/l	99
86) p-Isopropyltoluene	12.06	119	602054	48.420	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	320592	48.032	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319997	46.813	ug/l	100
89) n-Butylbenzene	12.38	91	496592	44.783	ug/l	99
90) Hexachloroethane	12.60	117	101232	48.320	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	321800	48.186	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49936	46.189	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	220622	54.120	ug/l	100

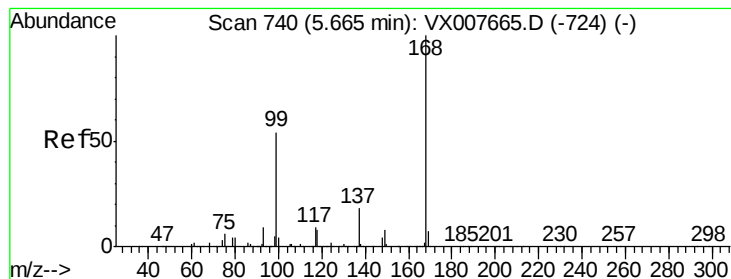
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	112554	60.355	ug/l	100
95) Naphthalene	13.83	128	681770	51.621	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223044	54.491	ug/l	100

(#) = 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: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

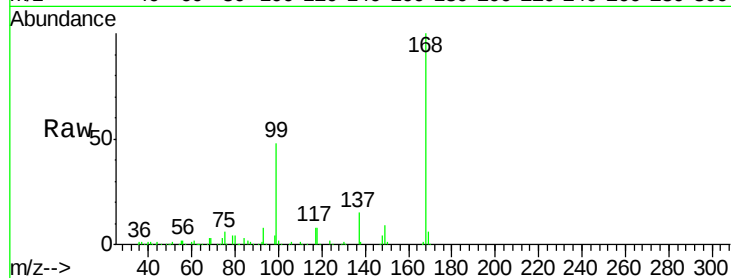
BP-VPB201-GW-485-487MSD

Tot Ion:168 Resp: 307097

Ion Ratio Lower Upper

168 100

99 47.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

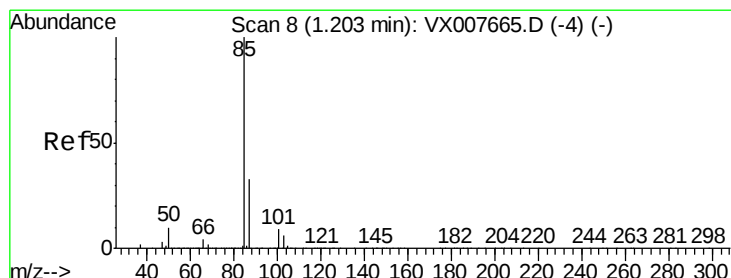
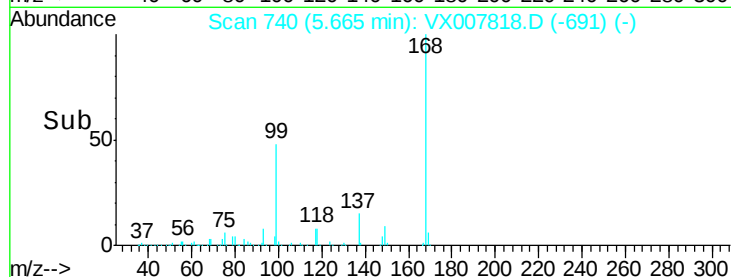
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 39.917 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007818.D

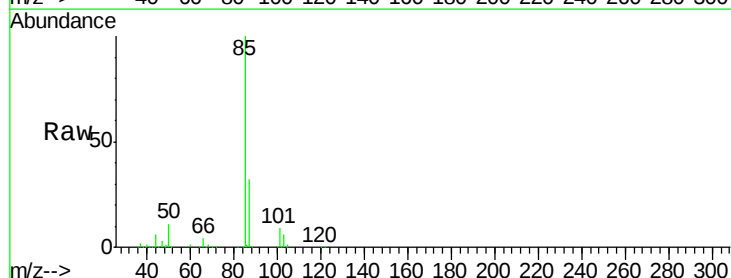
Acq: 04 Mar 2019 18:35

Tgt Ion: 85 Resp: 112924

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

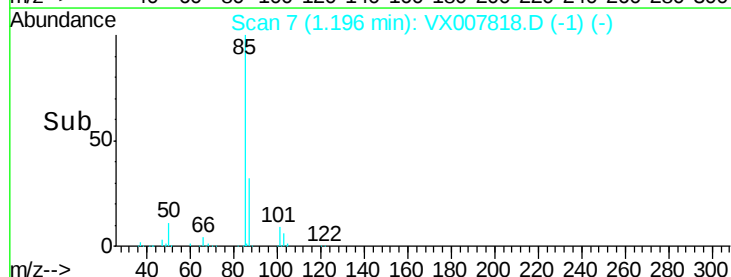
40000

20000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.806 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

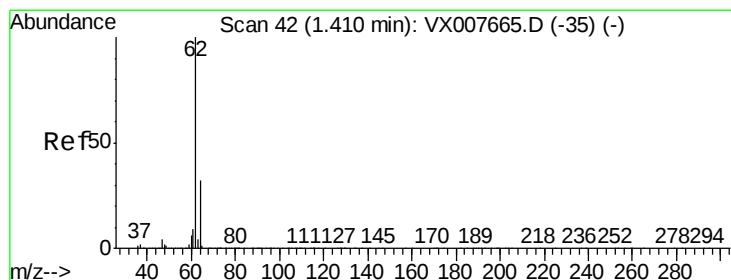
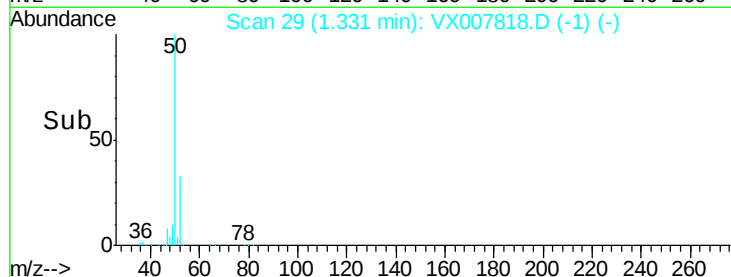
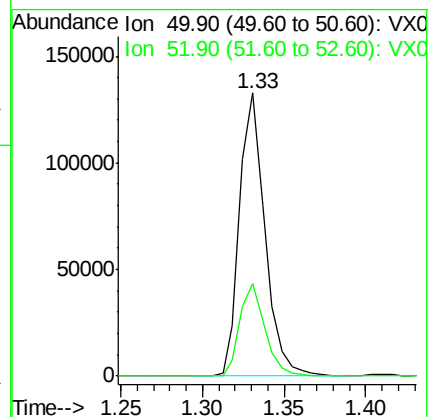
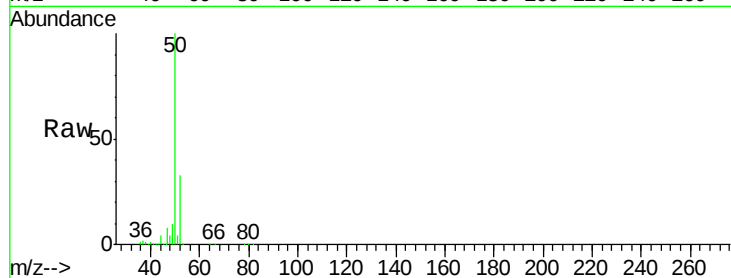
BP-VPB201-GW-485-487MSD

Tot Ion: 50 Resp: 143598

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 47.806 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007818.D

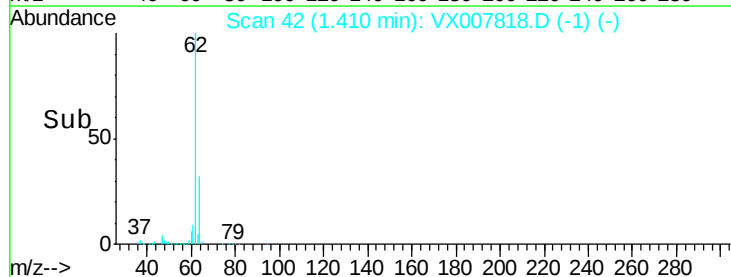
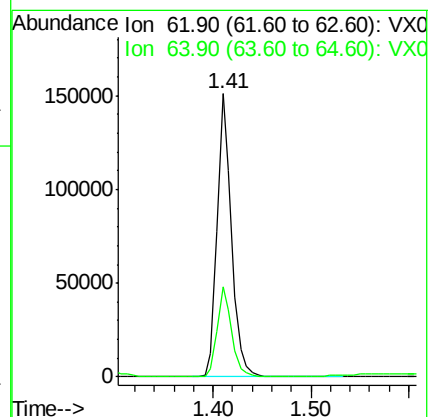
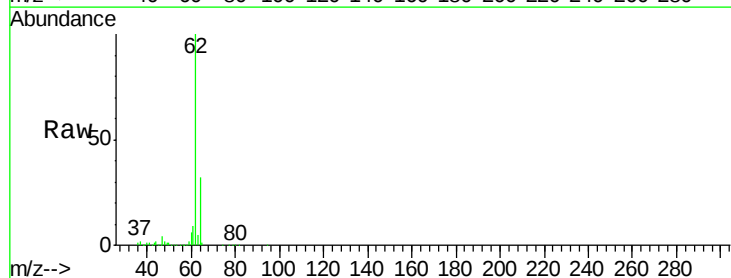
Acq: 04 Mar 2019 18:35

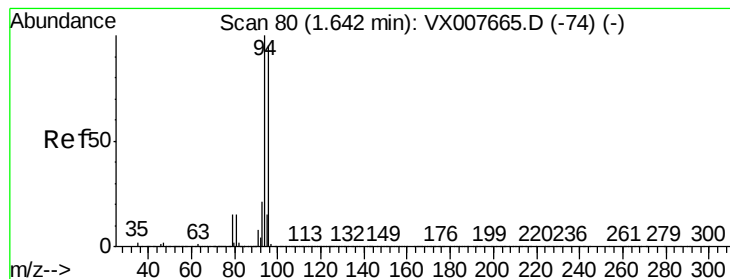
Tgt Ion: 62 Resp: 153757

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 40.070 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

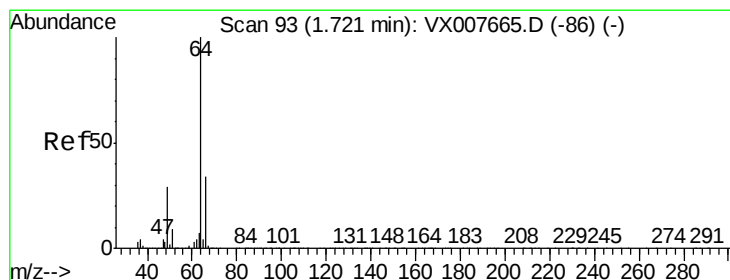
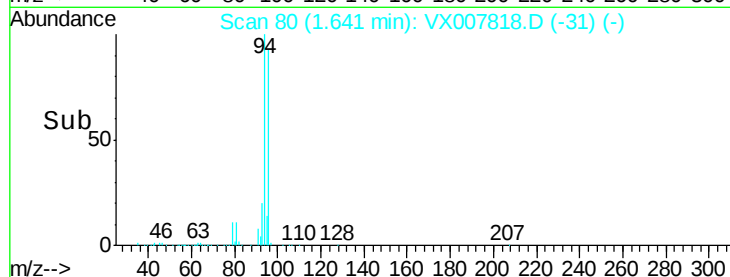
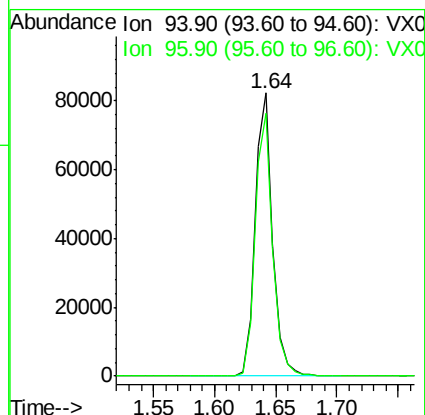
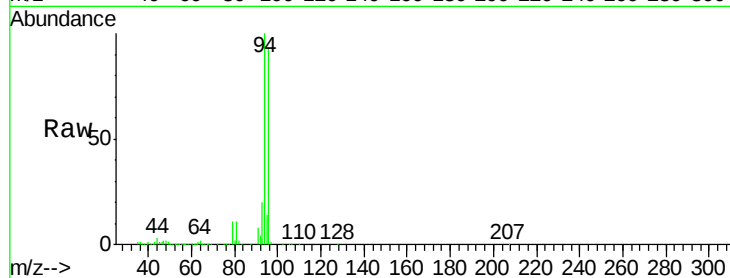
BP-VPB201-GW-485-487MSD

Tot Ion: 94 Resp: 81802

Ion Ratio Lower Upper

94 100

96 92.9 73.9 110.9



#6

Chloroethane

Concen: 49.259 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007818.D

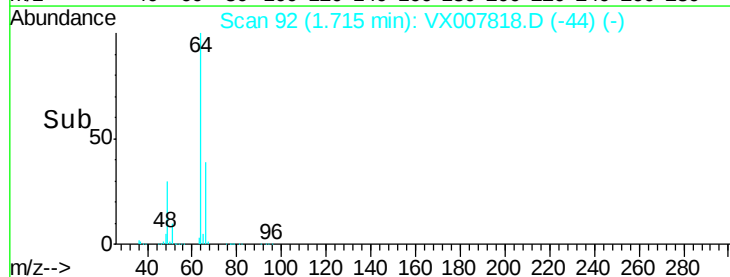
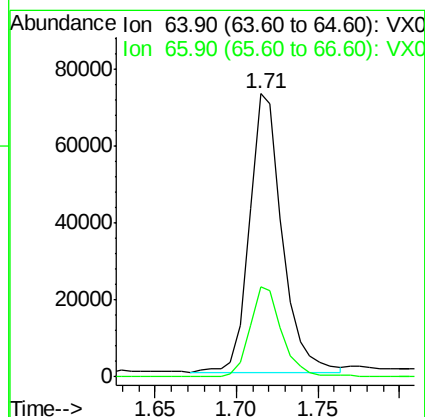
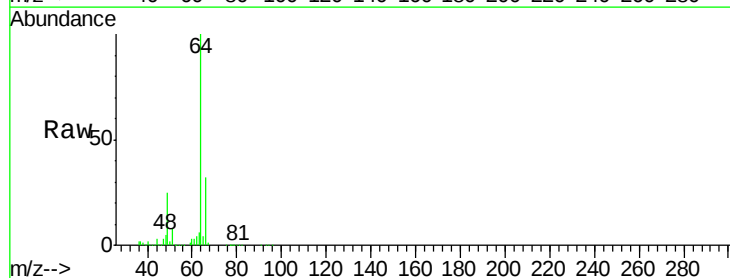
Acq: 04 Mar 2019 18:35

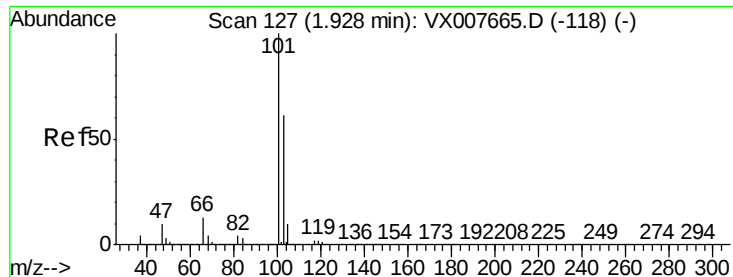
Tgt Ion: 64 Resp: 101220

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



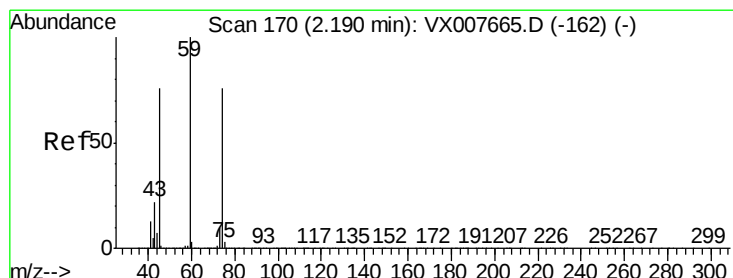
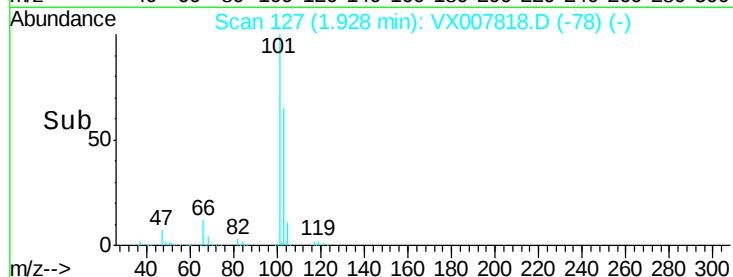
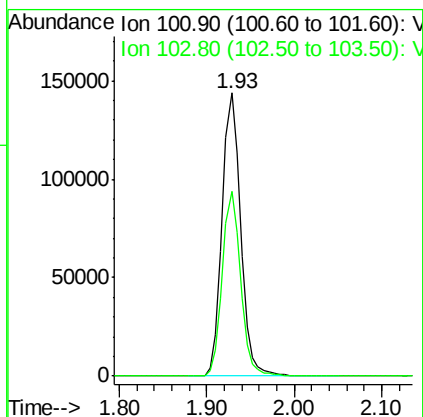
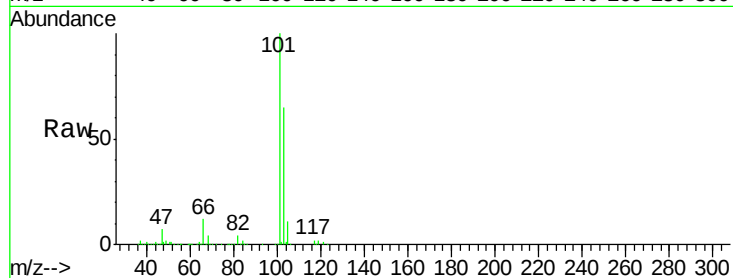


#7

Trichlorofluoromethane
 Concen: 42.732 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
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 BP-VPB201-GW-485-487MSD

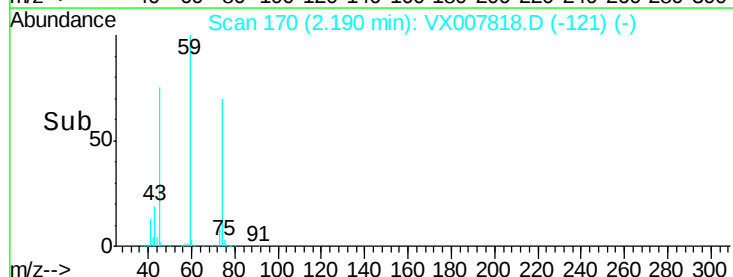
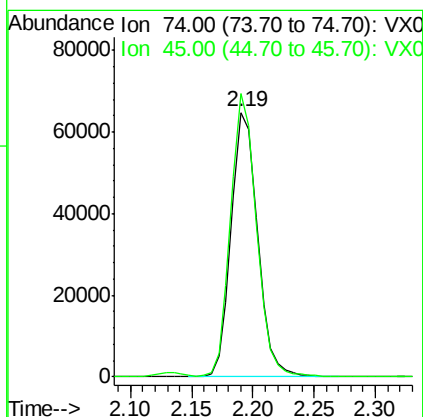
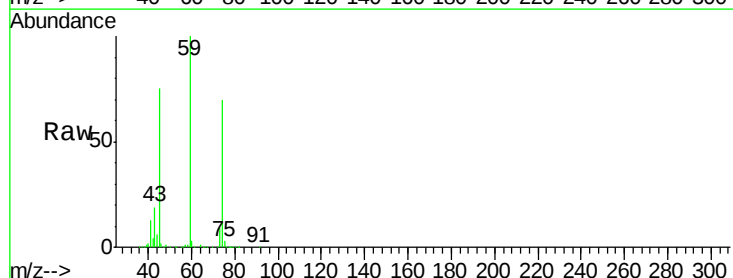
Tot Ion:101 Resp: 210694
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.6 79.0

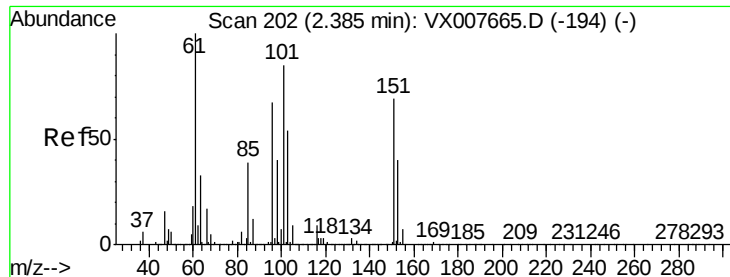


#8

Diethyl Ether
 Concen: 47.838 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion: 74 Resp: 96801
 Ion Ratio Lower Upper
 74 100
 45 104.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.569 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

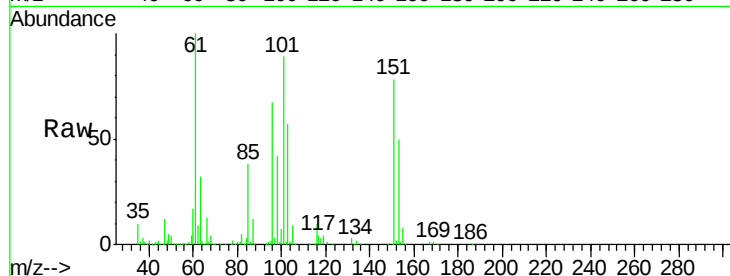
Tot Ion:101 Resp: 123878

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

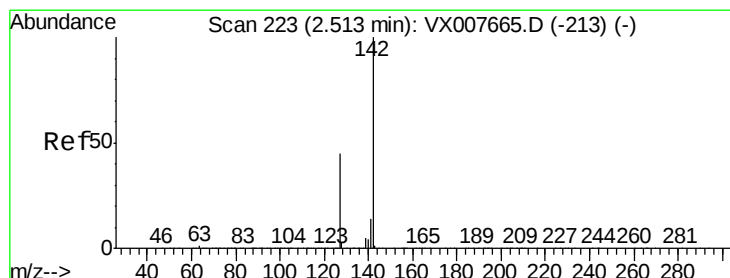
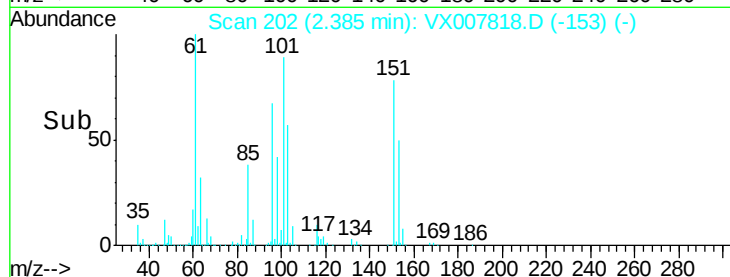
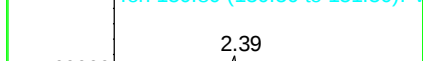
151 86.6 69.9 104.9



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: 53.621 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

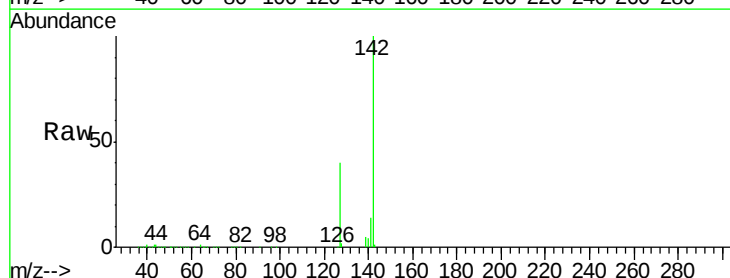
Tgt Ion:142 Resp: 198972

Ion Ratio Lower Upper

142 100

127 39.8 33.7 50.5

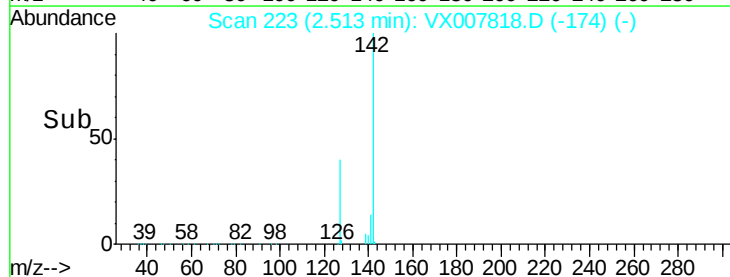
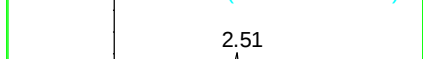
141 14.3 11.3 16.9

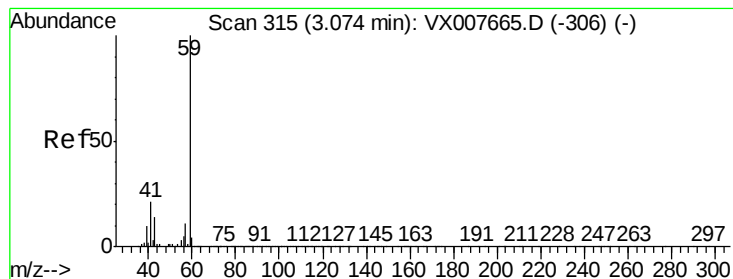


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



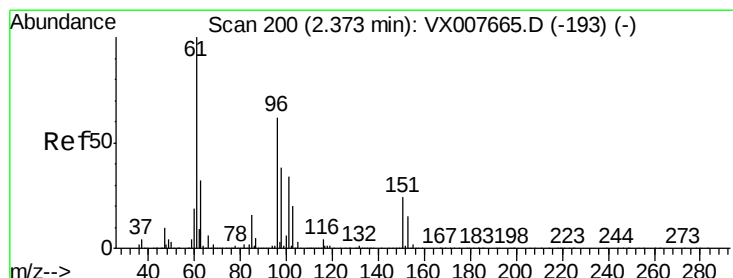
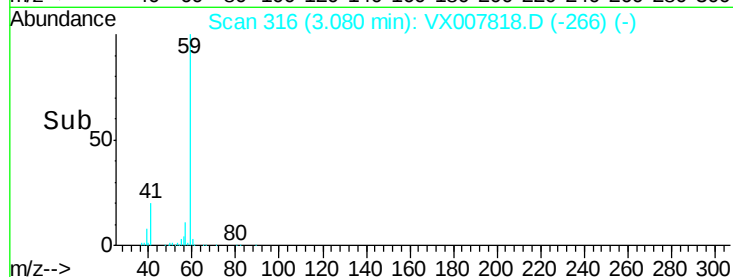
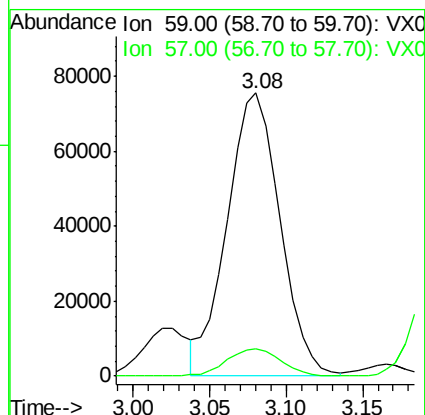
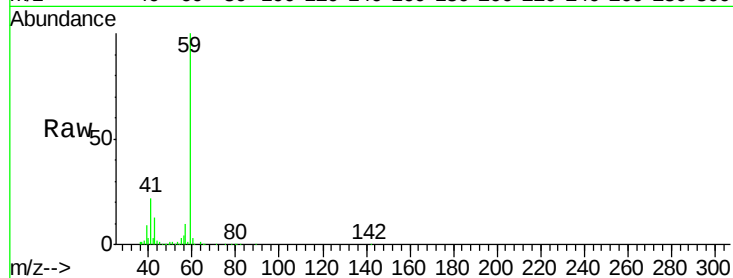


#11

Tert butyl alcohol
 Concen: 252.112 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

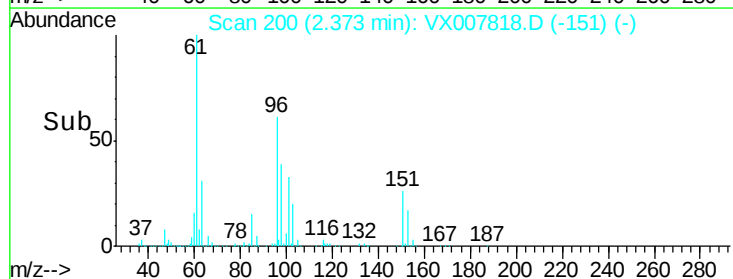
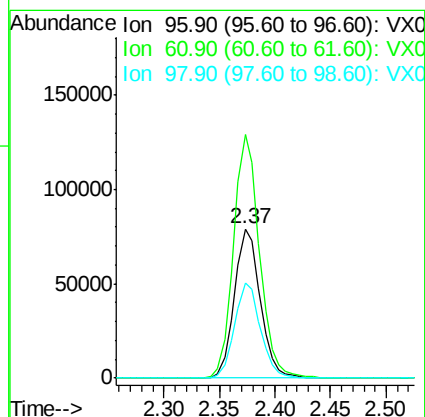
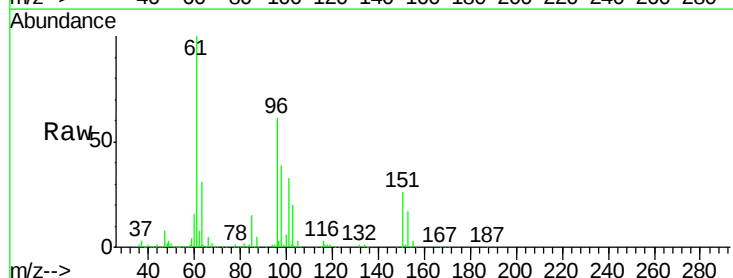
Tot Ion: 59 Resp: 181960
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1

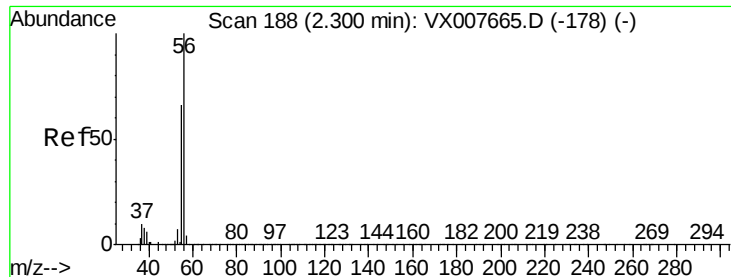


#12

1,1-Dichloroethene
 Concen: 47.558 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion: 96 Resp: 127753
 Ion Ratio Lower Upper
 96 100
 61 163.1 123.0 184.4
 98 63.9 50.9 76.3





#13

Acrolein

Concen: 364.616 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

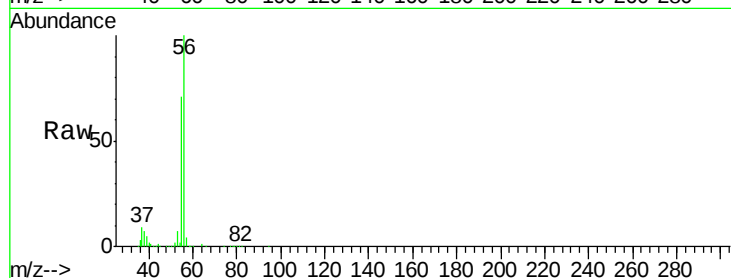
BP-VPB201-GW-485-487MSD

Tot Ion: 56 Resp: 233847

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

150000

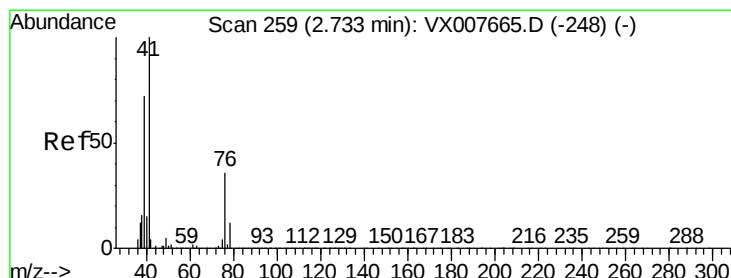
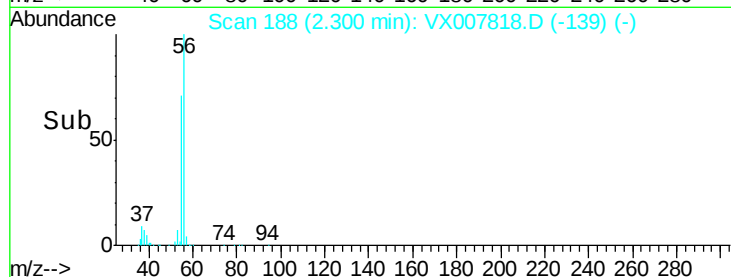
100000

50000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 54.136 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

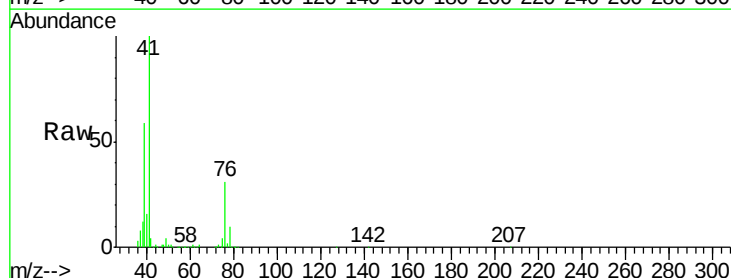
Tgt Ion: 41 Resp: 268893

Ion Ratio Lower Upper

41 100

39 58.3 54.1 81.1

76 30.3 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

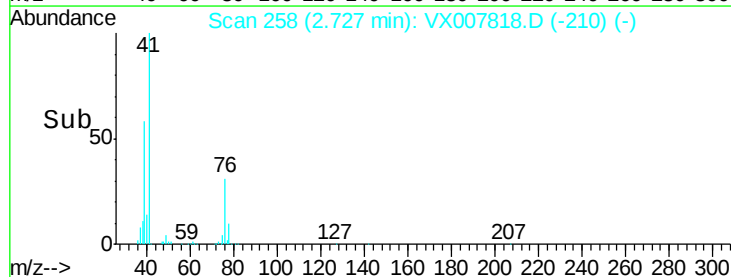
100000

50000

0

Time-->

2.60 2.70 2.80

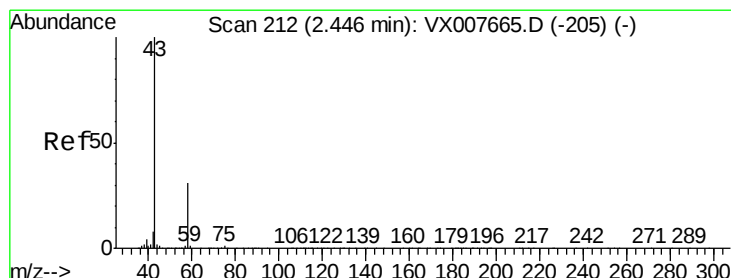
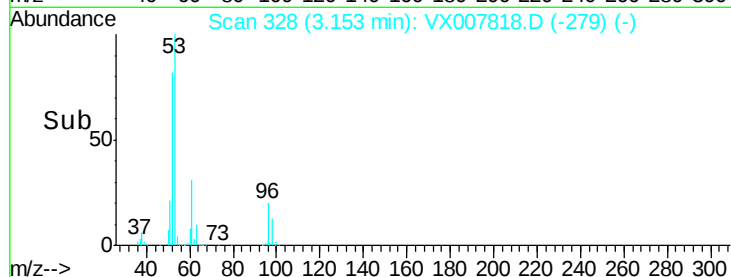
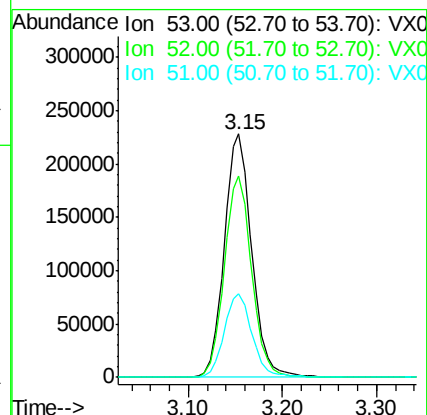
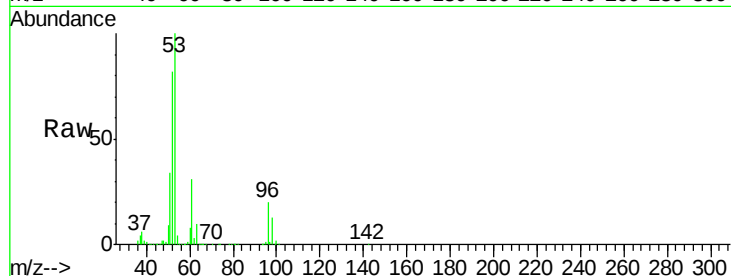




#15
 Acrylonitrile
 Concen: 268.764 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

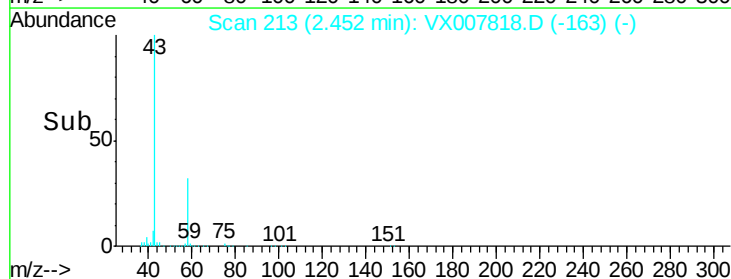
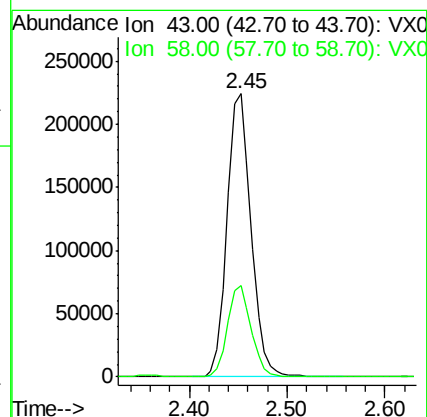
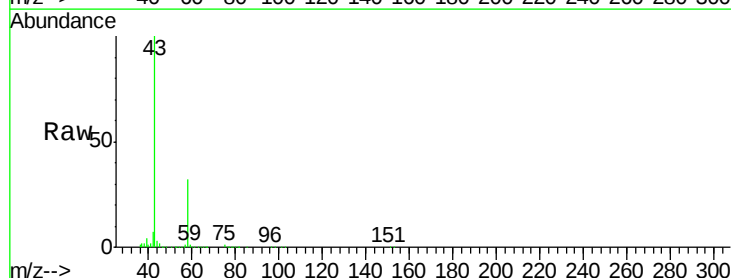
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

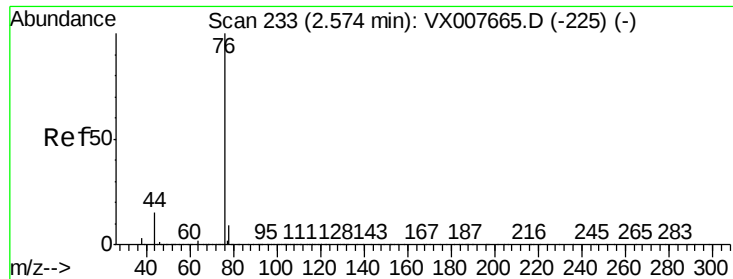
Tot Ion	53	Resp	456491
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	35.1	28.4	42.6



#16
 Acetone
 Concen: 225.388 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion	43	Resp	381271
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.9	37.3





#17

Carbon Disulfide

Concen: 48.660 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

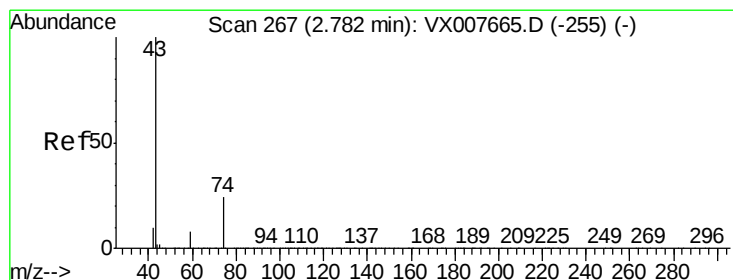
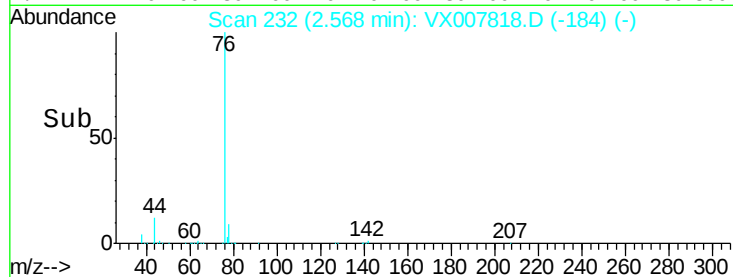
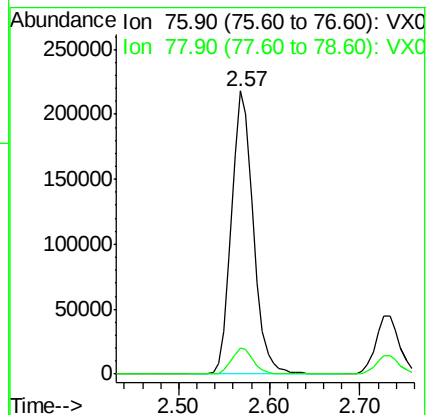
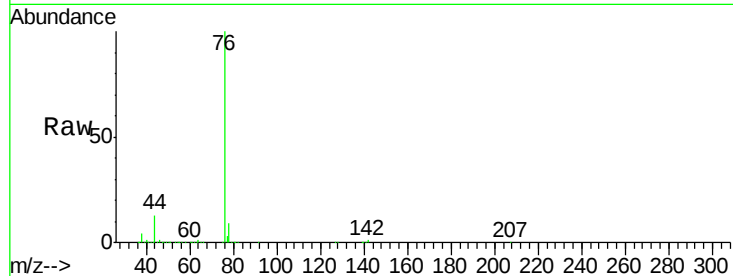
BP-VPB201-GW-485-487MSD

Tot Ion: 76 Resp: 363655

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 56.172 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007818.D

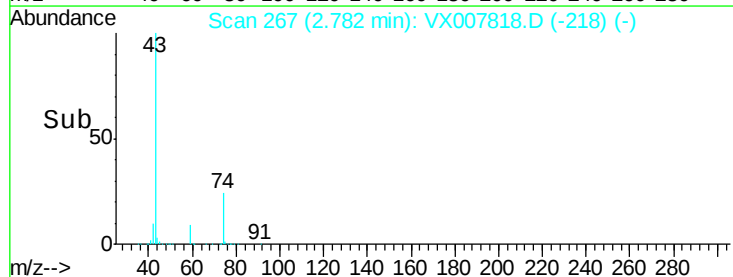
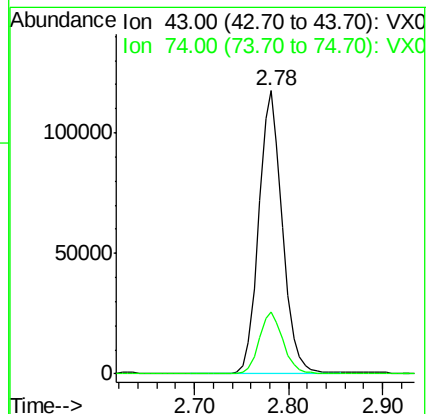
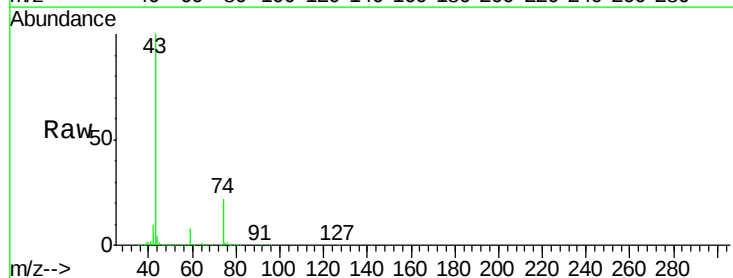
Acq: 04 Mar 2019 18:35

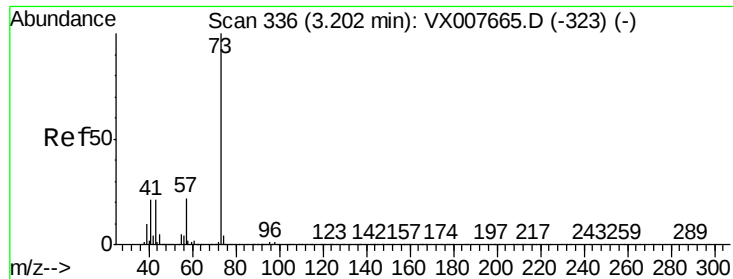
Tgt Ion: 43 Resp: 207346

Ion Ratio Lower Upper

43 100

74 22.0 19.4 29.2



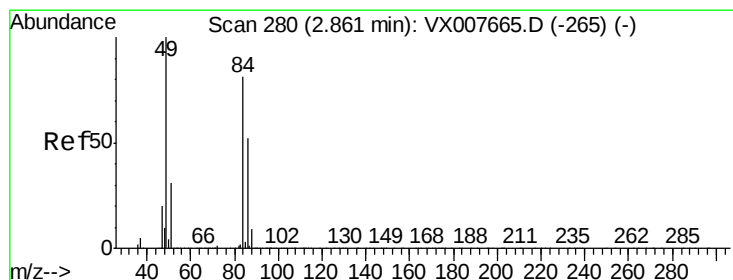
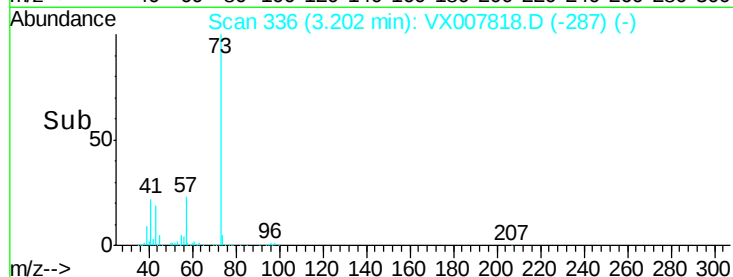
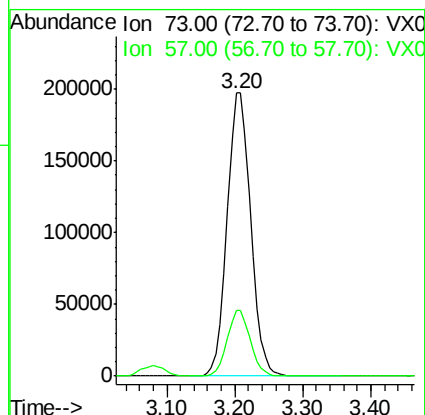
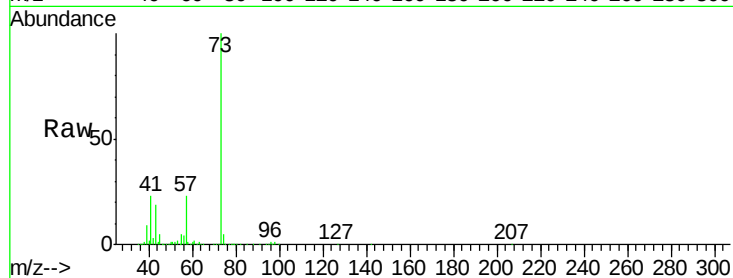


#19

Methyl tert-butyl Ether
Concen: 50.623 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

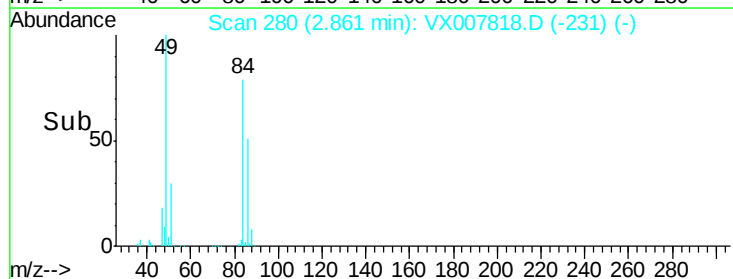
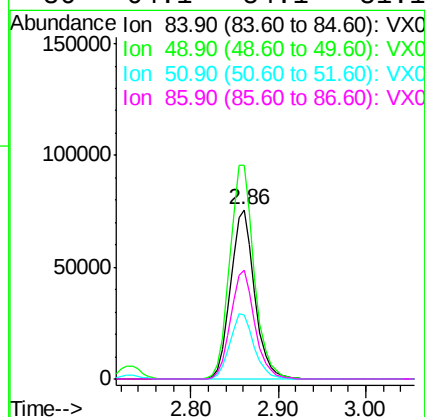
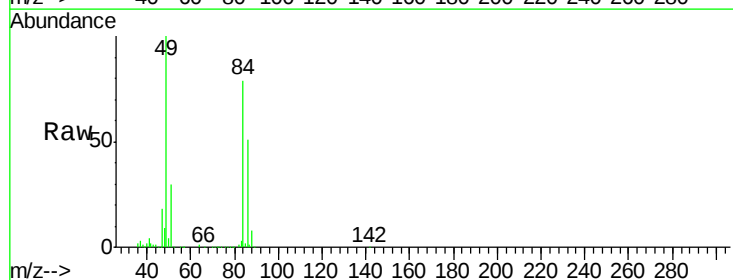
Tot Ion: 73 Resp: 473551
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20

Methylene Chloride
Concen: 46.361 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion: 84 Resp: 144815
Ion Ratio Lower Upper
84 100
49 126.1 94.8 142.2
51 37.7 29.8 44.8
86 64.1 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.873 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

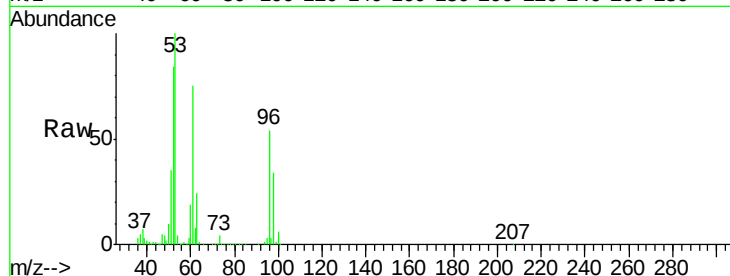
Tot Ion: 96 Resp: 136884

Ion Ratio Lower Upper

96 100

61 138.9 104.6 156.8

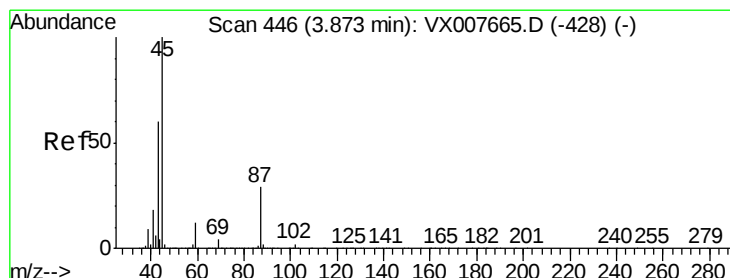
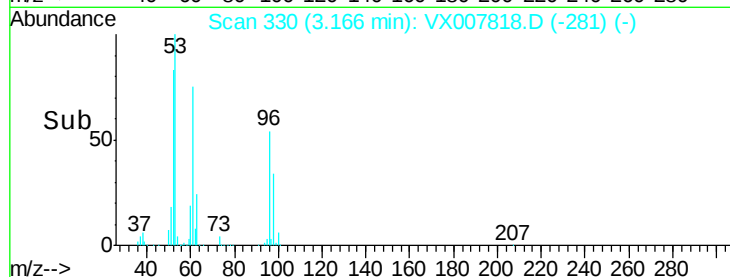
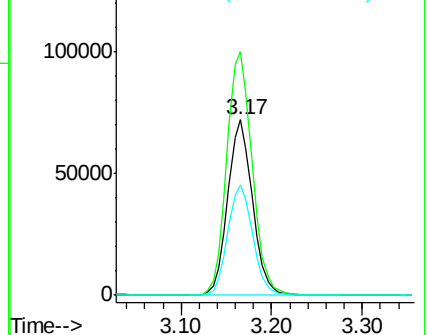
98 63.1 51.0 76.4



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: 49.833 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Tgt Ion: 45 Resp: 515256

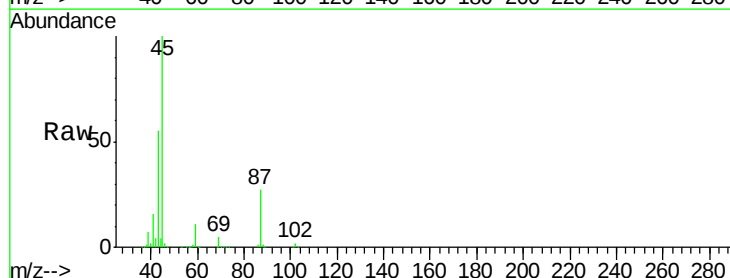
Ion Ratio Lower Upper

45 100

43 55.1 48.9 73.3

87 26.6 23.9 35.9

59 11.4 9.6 14.4

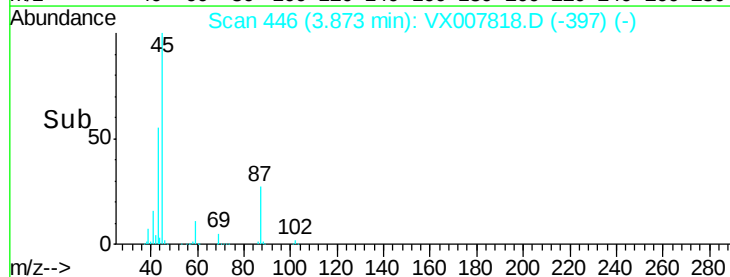
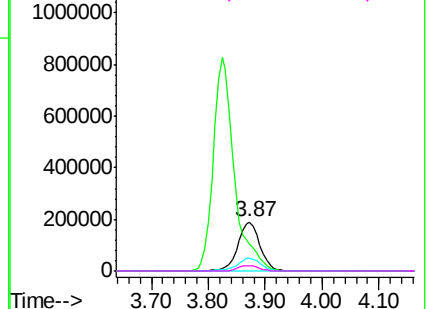


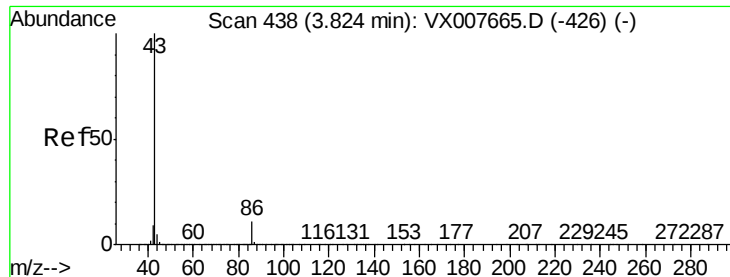
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 233.791 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

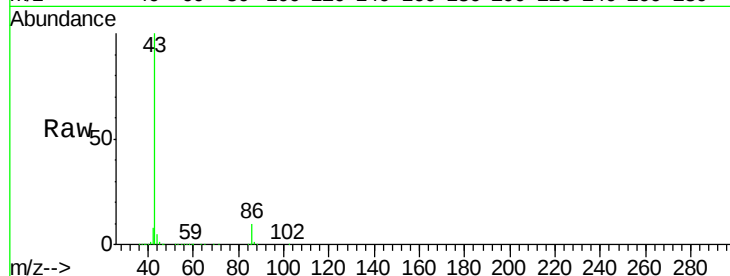
BP-VPB201-GW-485-487MSD

Tot Ion: 43 Resp: 2120854

Ion Ratio Lower Upper

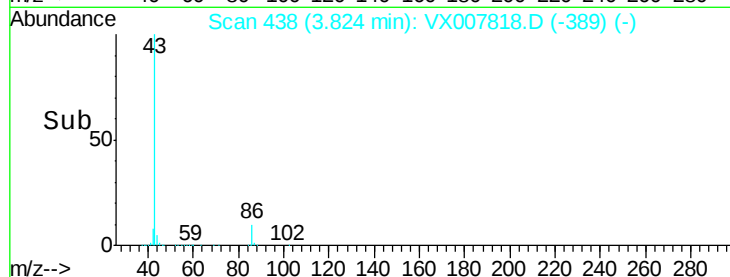
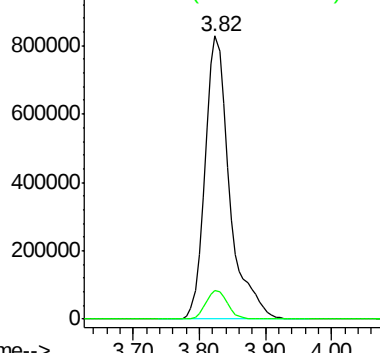
43 100

86 10.0 8.7 13.1

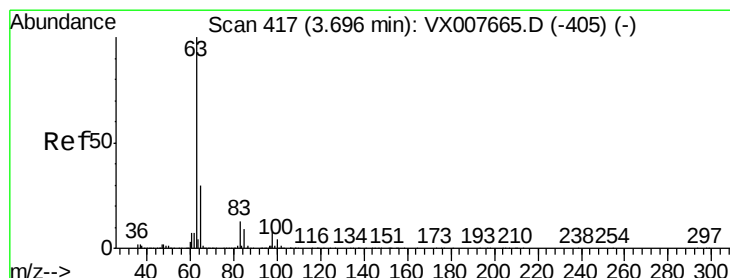


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.756 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

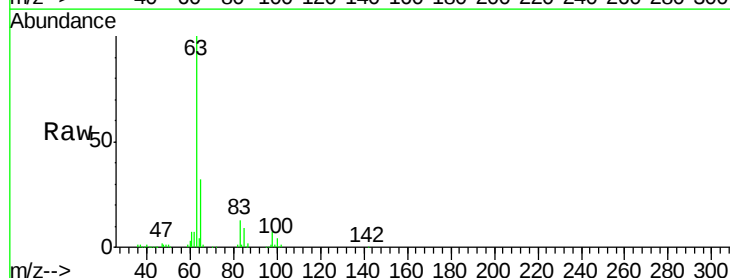
Tgt Ion: 63 Resp: 273977

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

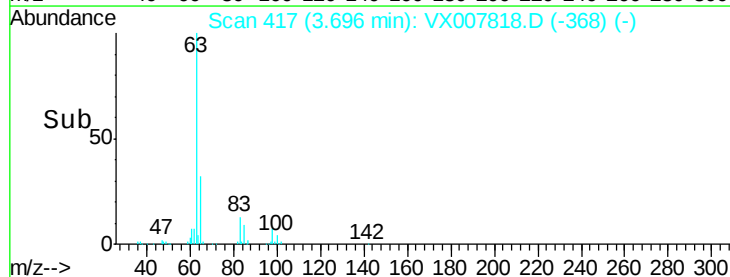
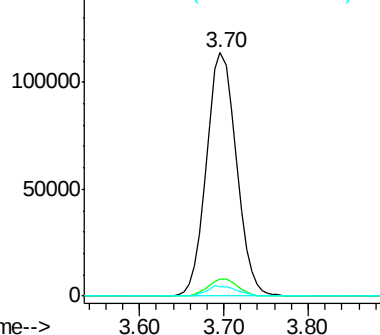
100 4.0 2.5 7.4



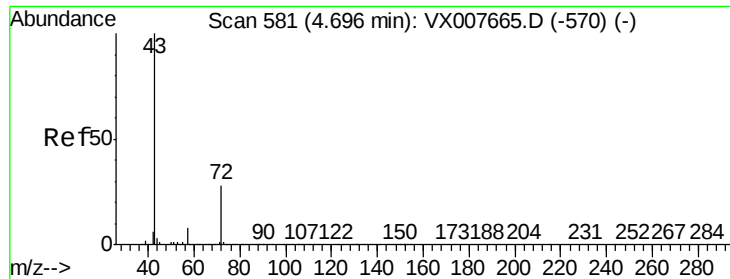
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 245.317 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

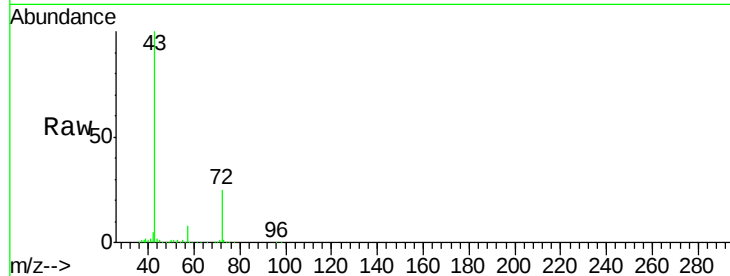
BP-VPB201-GW-485-487MSD

Tot Ion: 43 Resp: 632129

Ion Ratio Lower Upper

43 100

72 25.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

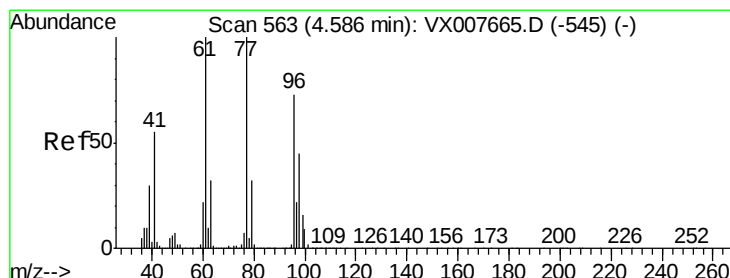
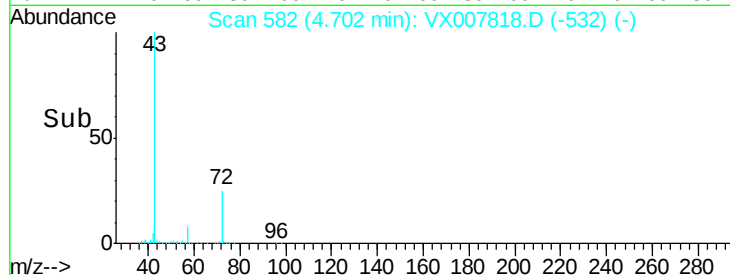
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.057 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007818.D

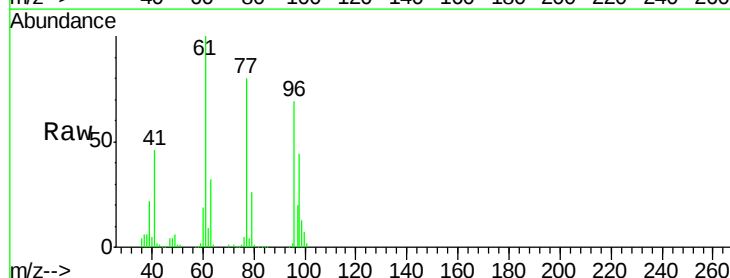
Acq: 04 Mar 2019 18:35

Tgt Ion: 77 Resp: 175194

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

0

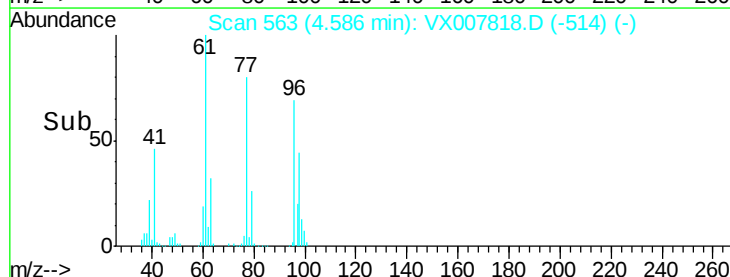
4.40

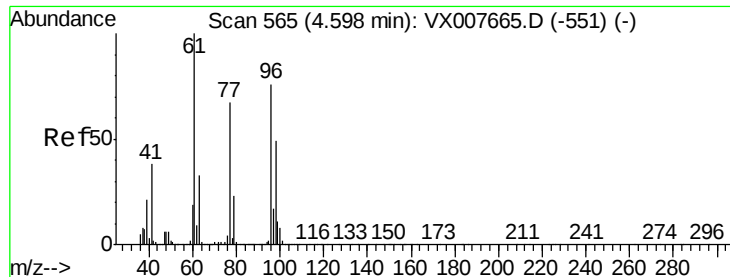
4.50

4.60

4.70

Time-->



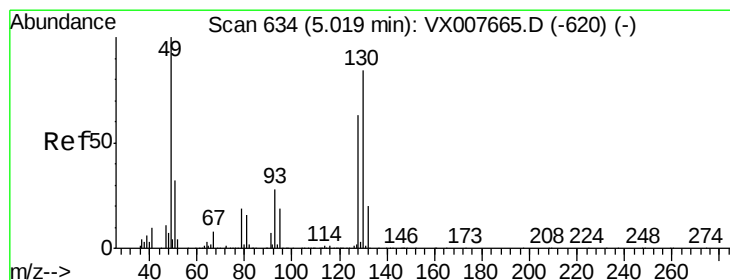
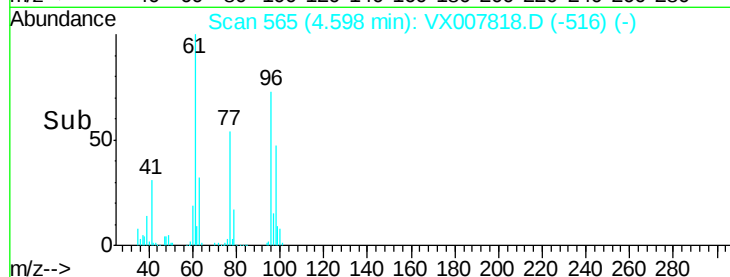
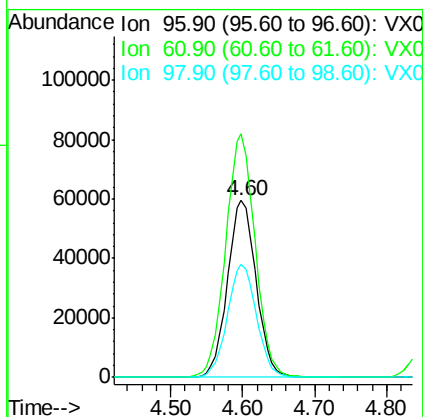
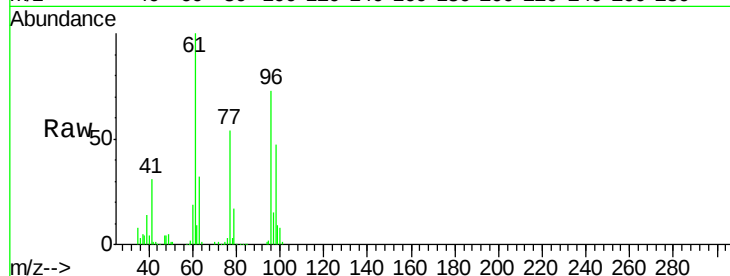


#27

cis-1,2-Dichloroethene
Concen: 44.381 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

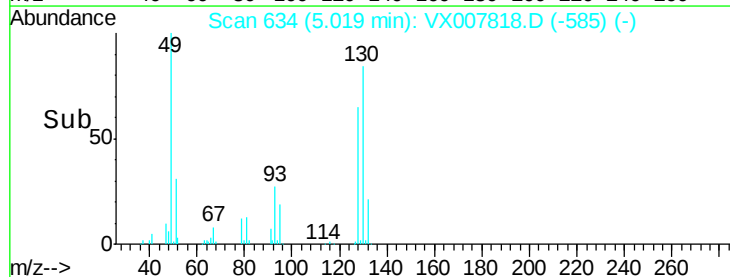
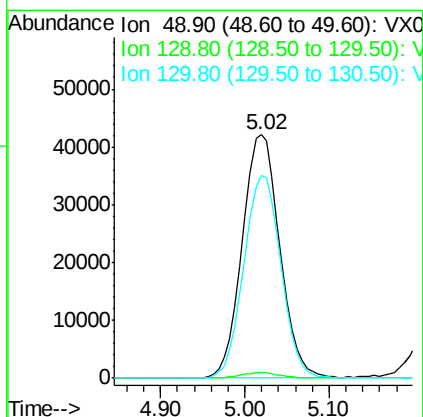
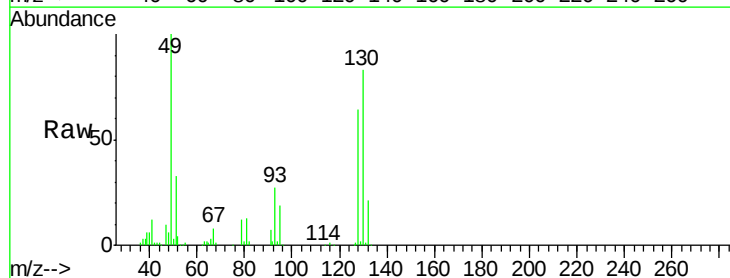
Tot Ion: 96 Resp: 164914
Ion Ratio Lower Upper
96 100
61 141.3 0.0 265.6
98 64.7 0.0 131.6

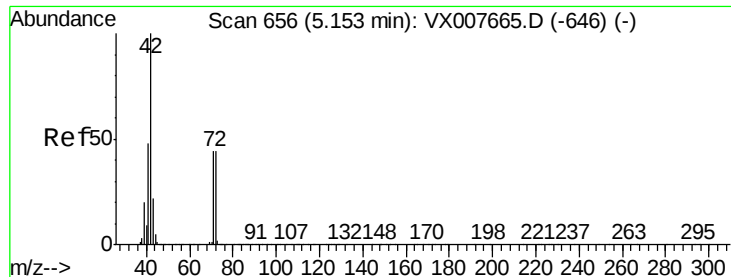


#28

Bromochloromethane
Concen: 46.532 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion: 49 Resp: 127297
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.6
130 82.5 75.6 113.4





#29

Tetrahydrofuran

Concen: 248.766 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

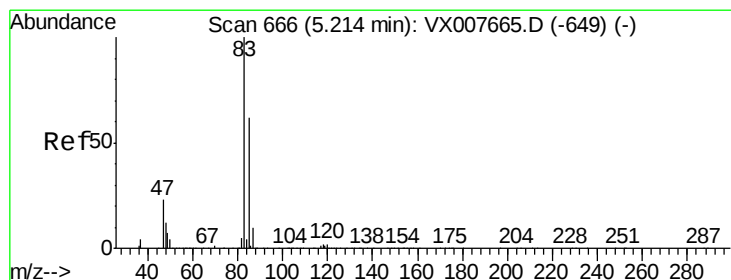
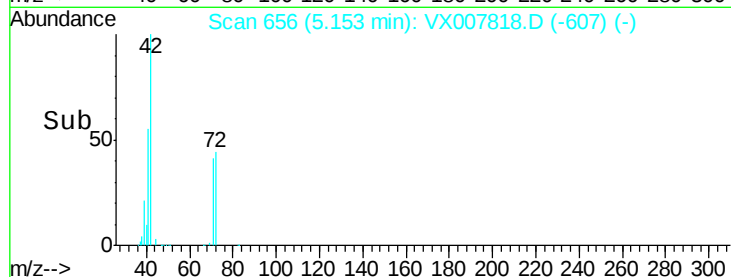
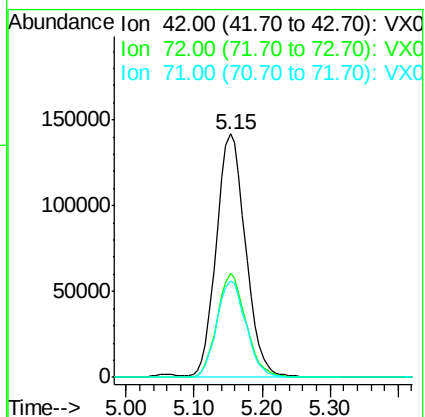
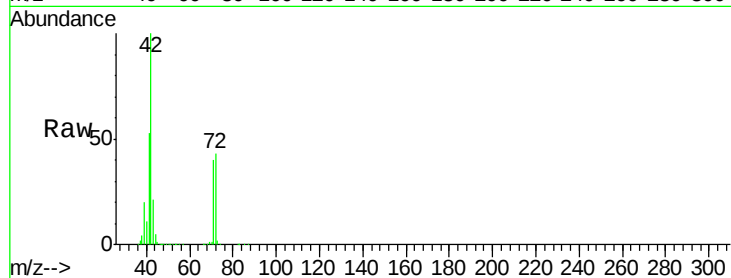
Tot Ion: 42 Resp: 422541

Ion Ratio Lower Upper

42 100

72 42.3 37.6 56.4

71 39.6 34.6 51.8



#30

Chloroform

Concen: 43.542 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007818.D

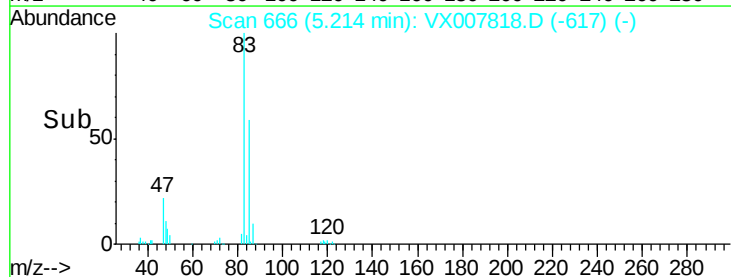
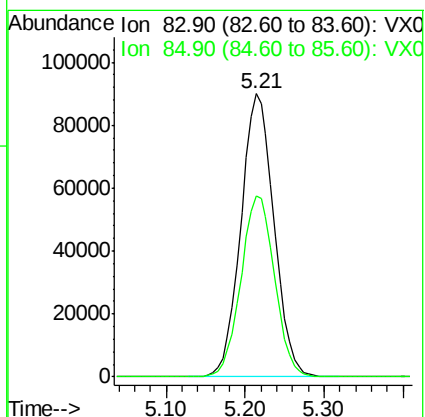
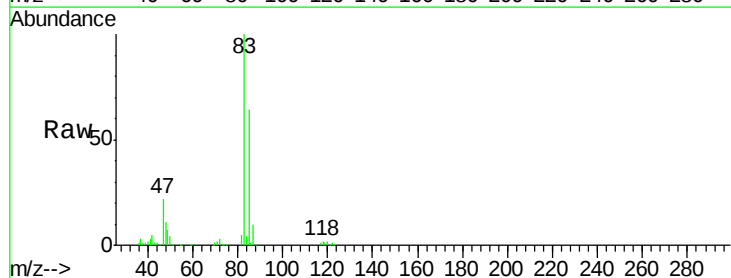
Acq: 04 Mar 2019 18:35

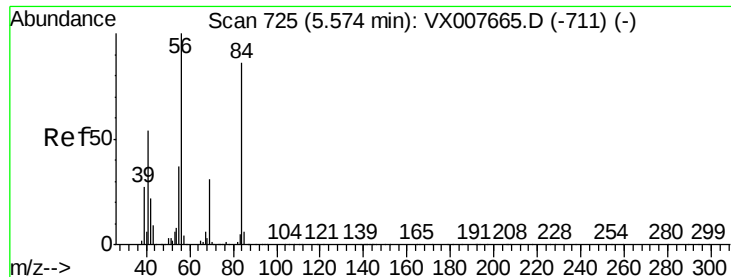
Tgt Ion: 83 Resp: 262093

Ion Ratio Lower Upper

83 100

85 63.9 51.6 77.4

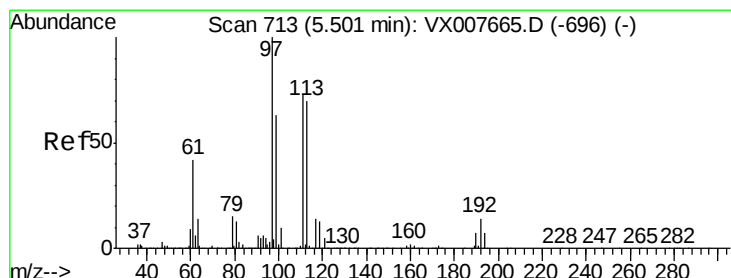
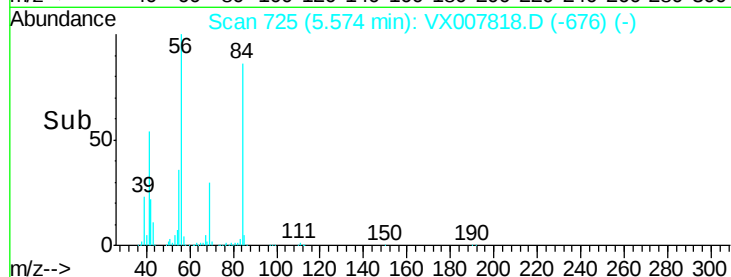
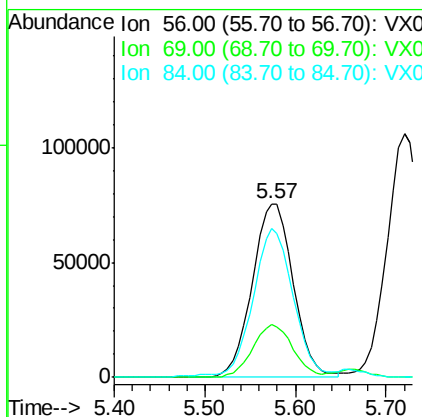
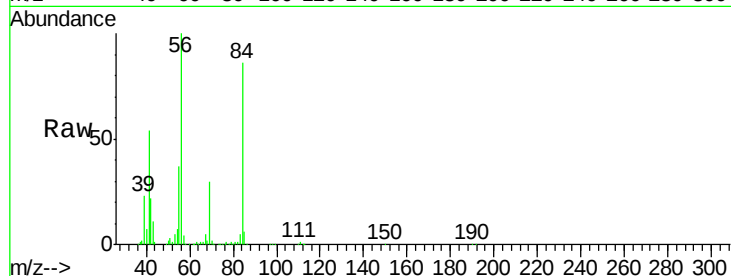




#31
Cyclohexane
Concen: 44.609 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

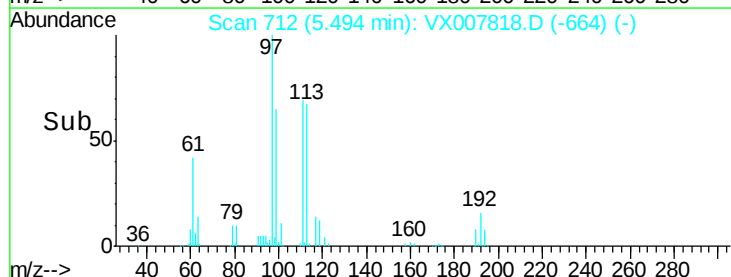
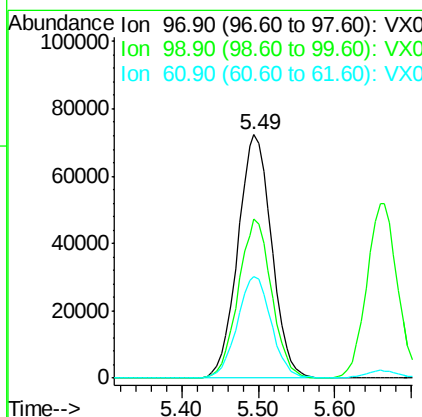
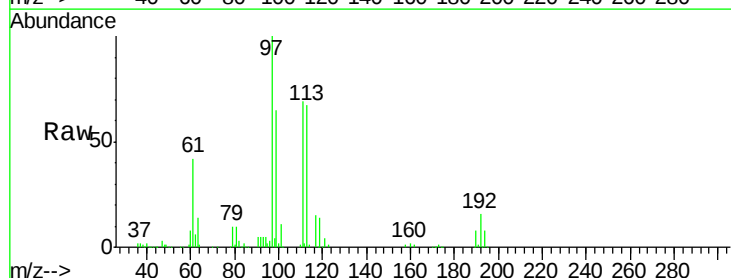
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

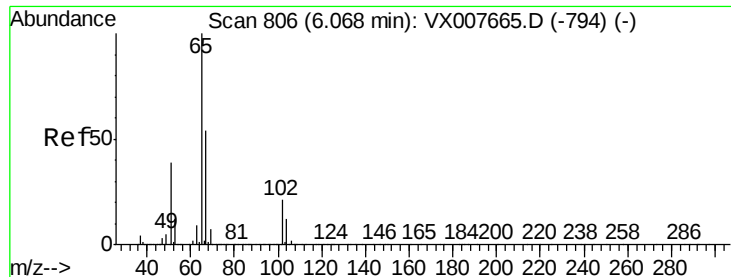
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.0	34.6
84	85.0	69.8	104.6



#32
1,1,1-Trichloroethane
Concen: 44.517 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	41.9	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 45.028 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

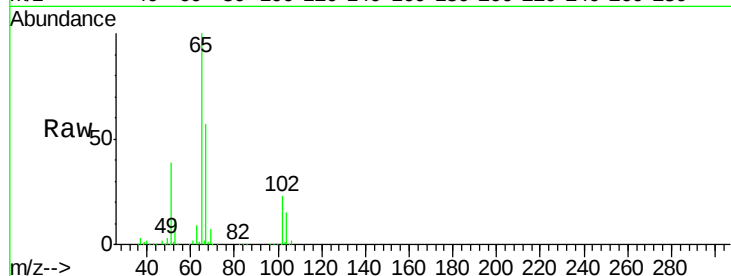
BP-VPB201-GW-485-487MSD

Tot Ion: 65 Resp: 171286

Ion Ratio Lower Upper

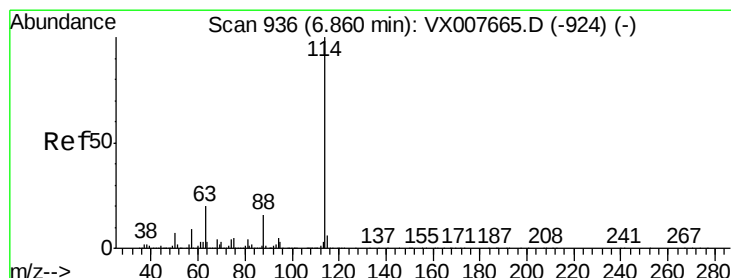
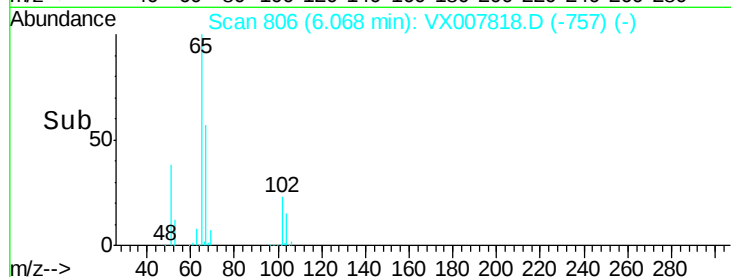
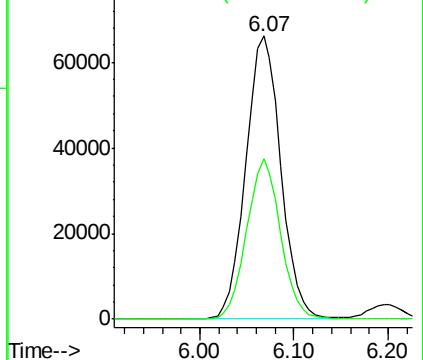
65 100

67 55.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

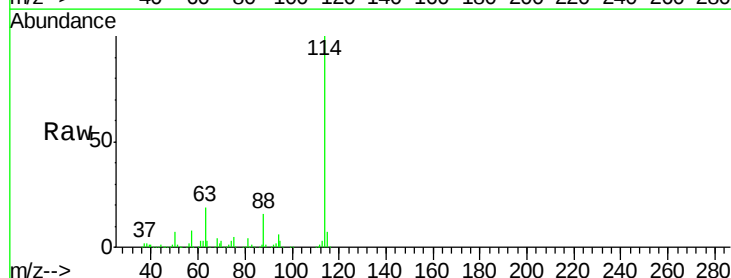
Tgt Ion: 114 Resp: 457328

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.6

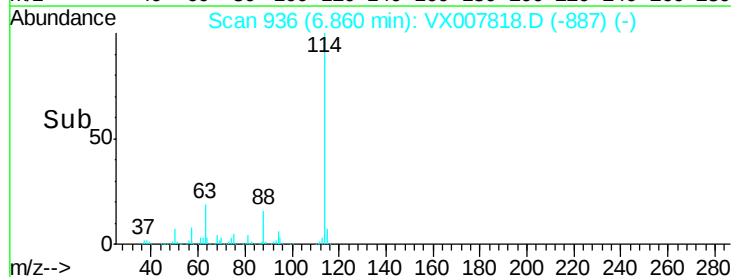
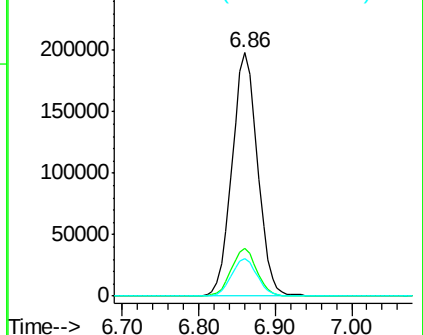
88 15.5 0.0 29.6

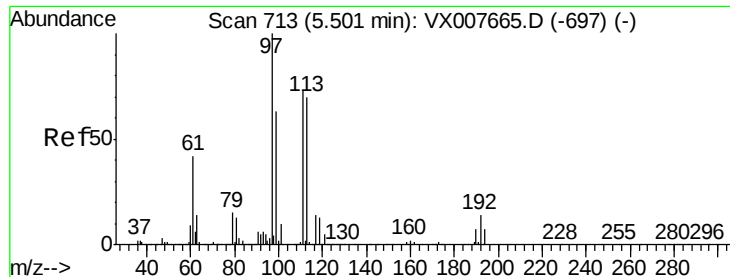


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.100 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

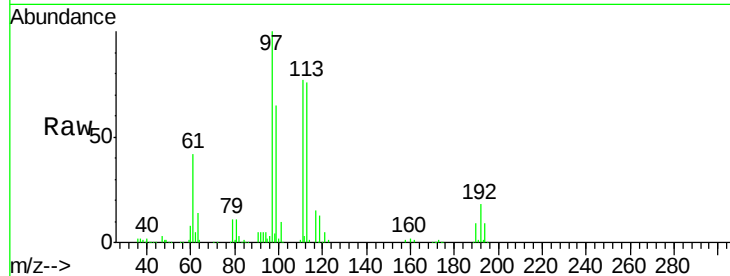
Tot Ion:113 Resp: 153161

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

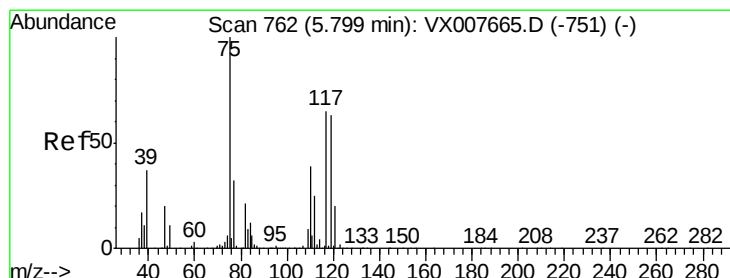
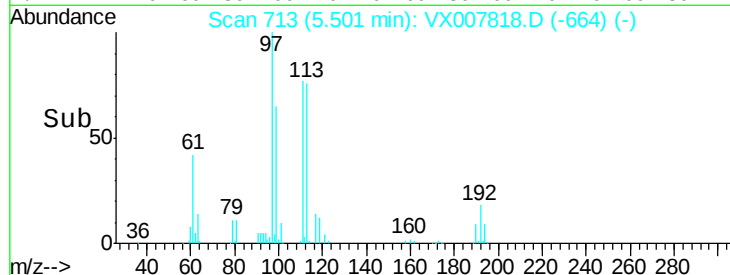
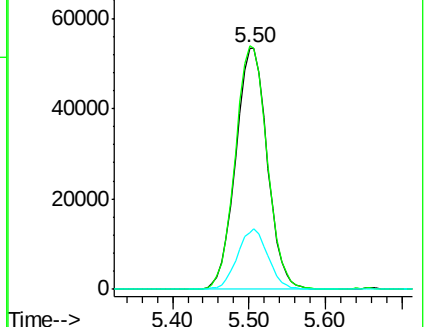
192 24.4 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.390 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

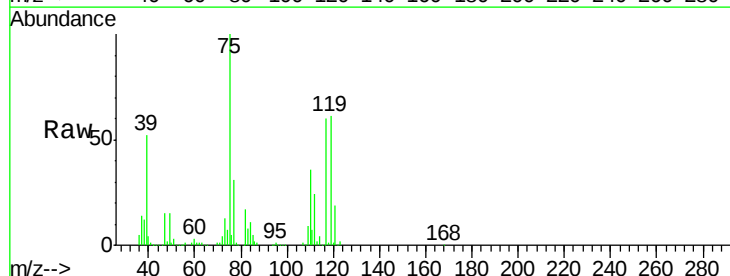
Tgt Ion: 75 Resp: 194848

Ion Ratio Lower Upper

75 100

110 37.3 20.0 59.9

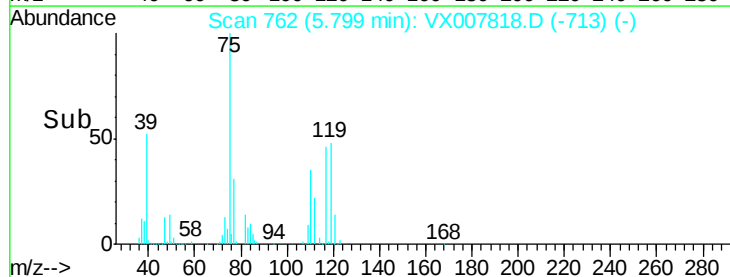
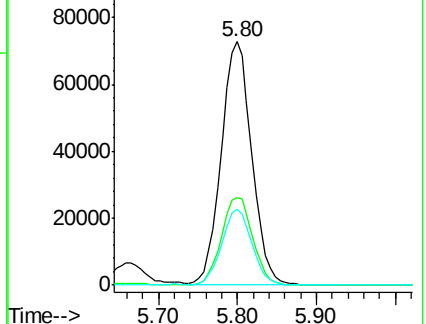
77 31.2 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

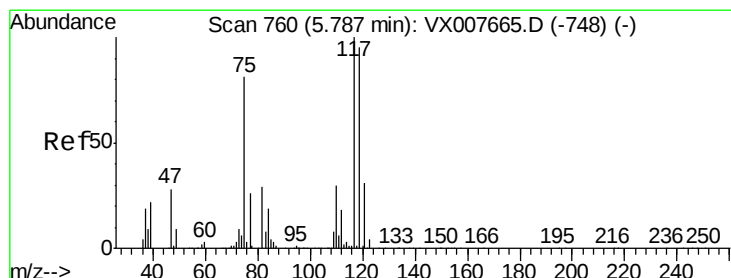
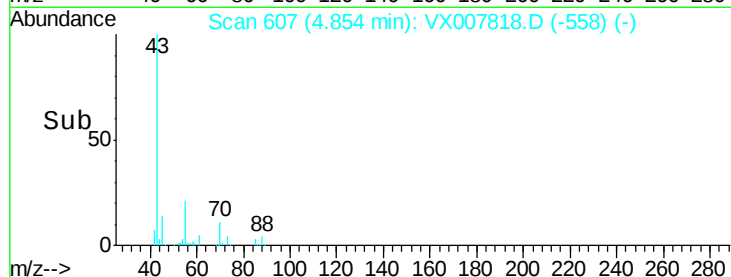
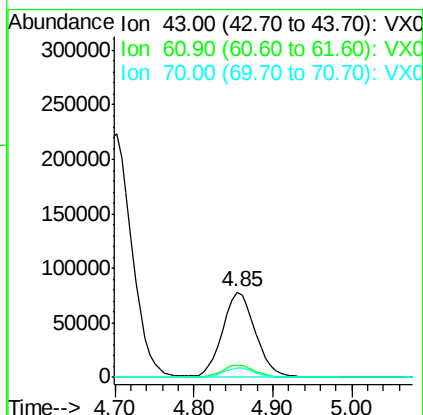
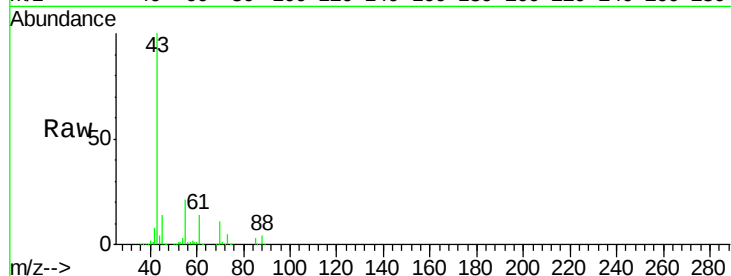




#37
Ethyl Acetate
Concen: 49.609 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

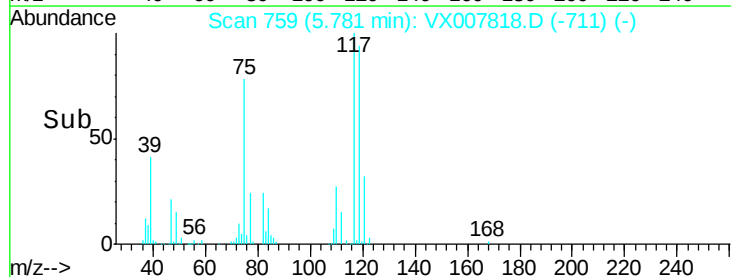
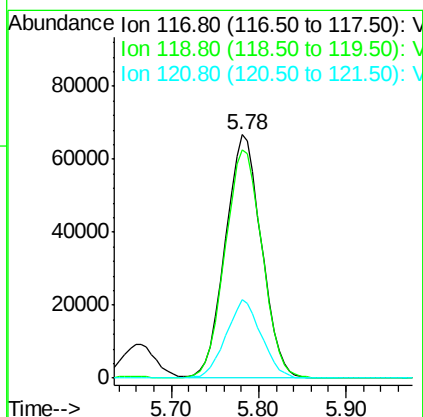
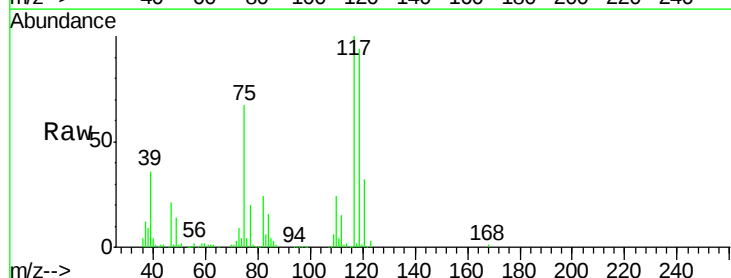
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

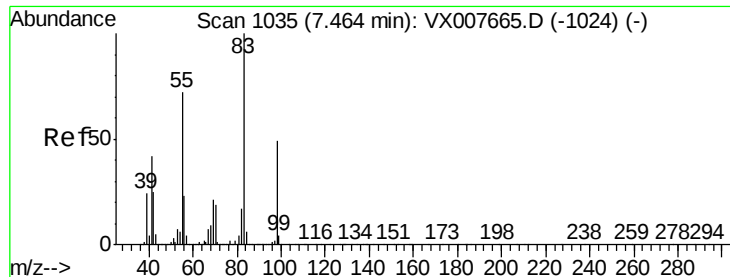
Tot Ion: 43 Resp: 226575
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 46.428 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion: 117 Resp: 191752
Ion Ratio Lower Upper
117 100
119 94.0 75.3 112.9
121 32.0 25.0 37.4

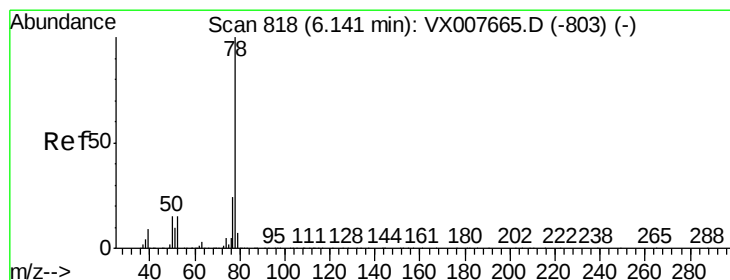
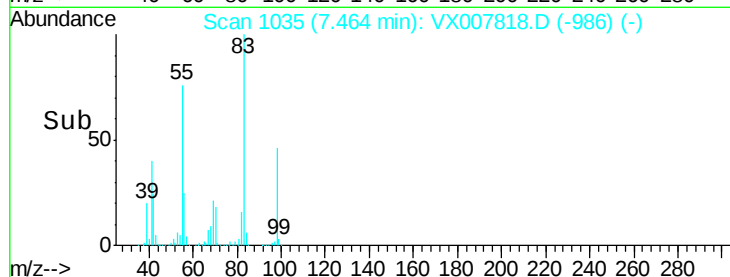
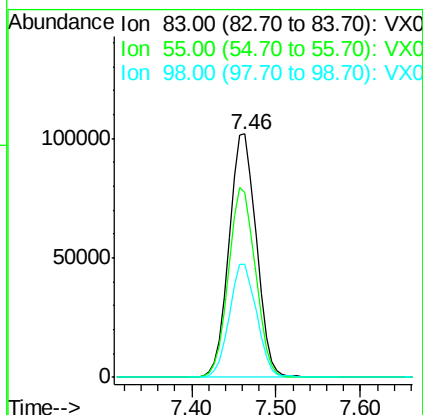
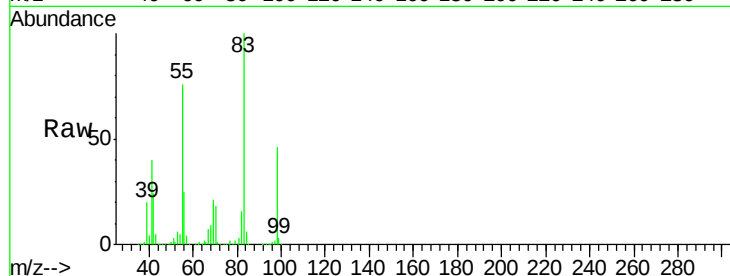




#39
Methvlcvclohexane
Concen: 43.125 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

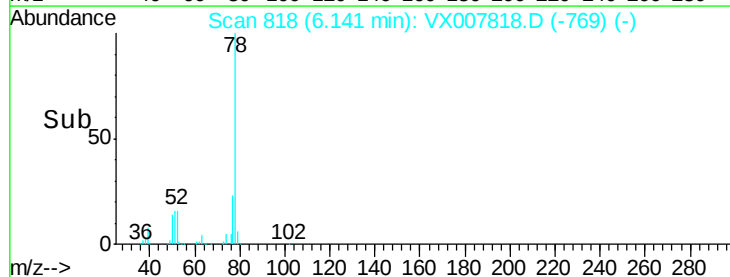
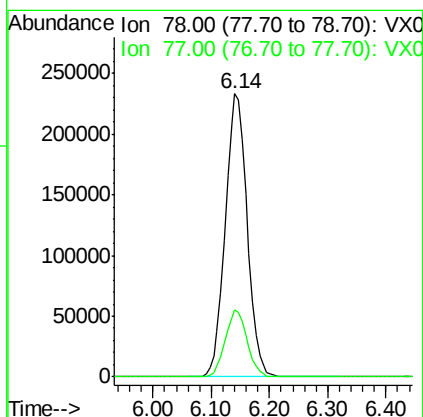
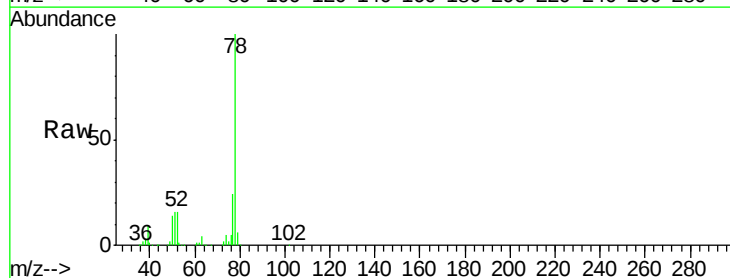
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

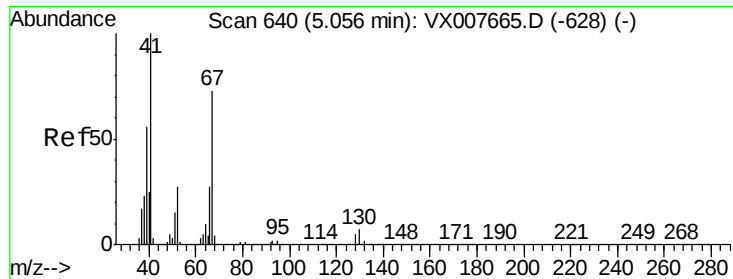
Tot Ion	83	Resp	224093
Ion Ratio	Lower	Upper	
83	100		
55	76.0	56.2	84.2
98	46.3	36.8	55.2



#40
Benzene
Concen: 48.061 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion	78	Resp	609992
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.3	28.9

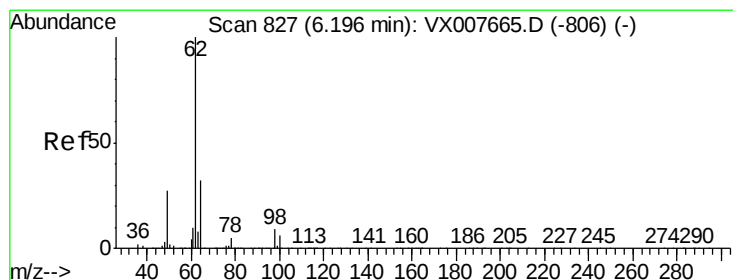
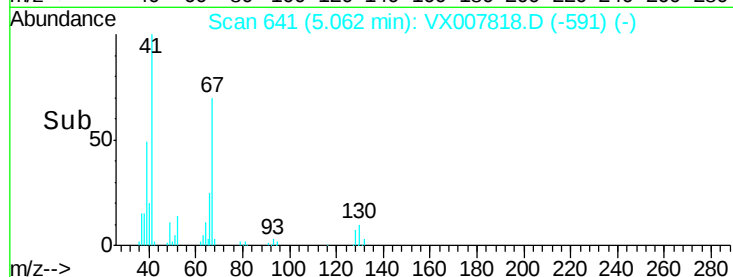
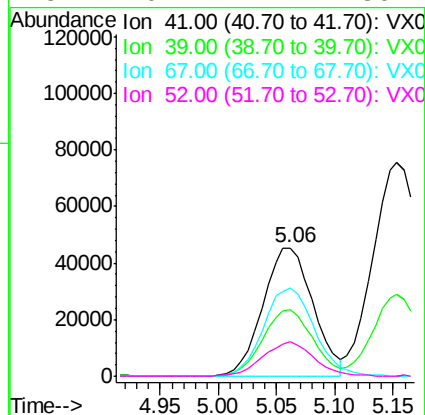
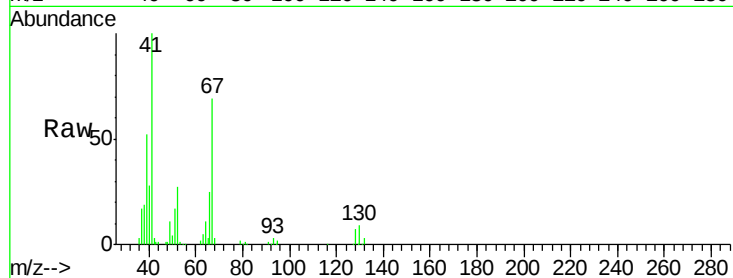




#41
Methacrylonitrile
Concen: 55.259 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

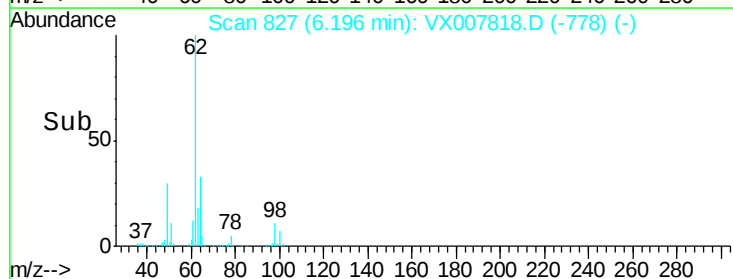
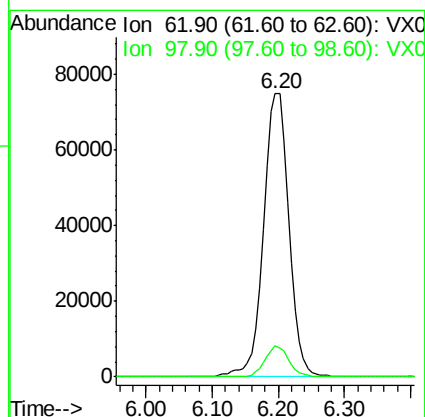
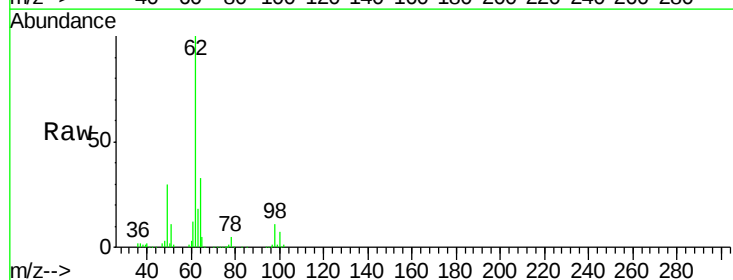
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

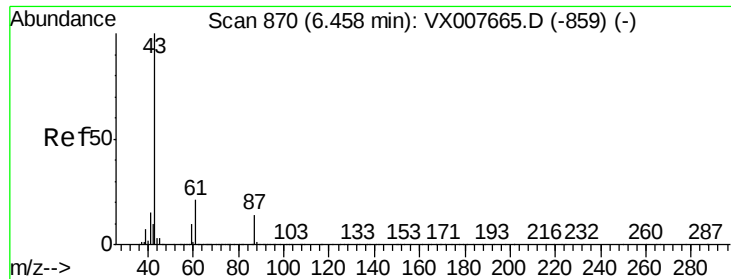
Tot Ion:	41	Resp:	134768
Ion	Ratio	Lower	Upper
41	100		
39	52.0	44.5	66.7
67	70.2	60.4	90.6
52	26.7	24.1	36.1



#42
1,2-Dichloroethane
Concen: 46.837 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion:	62	Resp:	199804
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.0



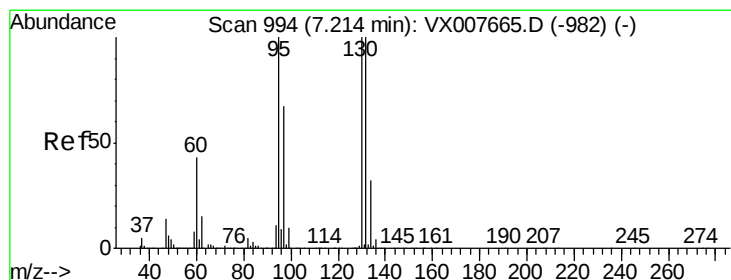
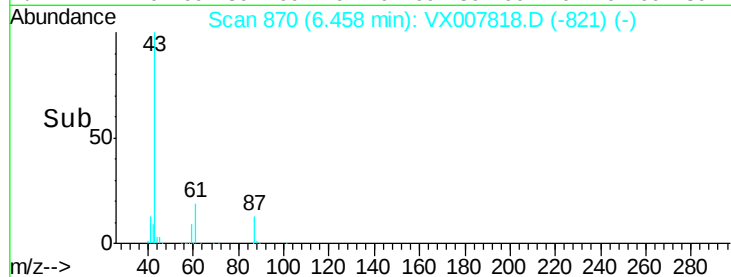
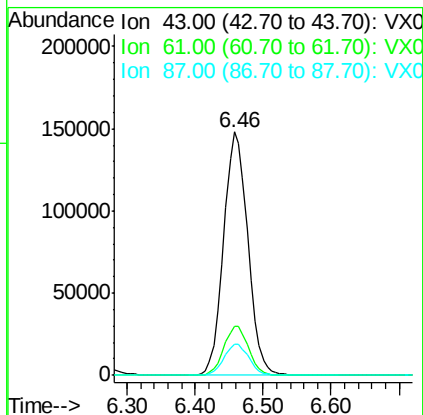
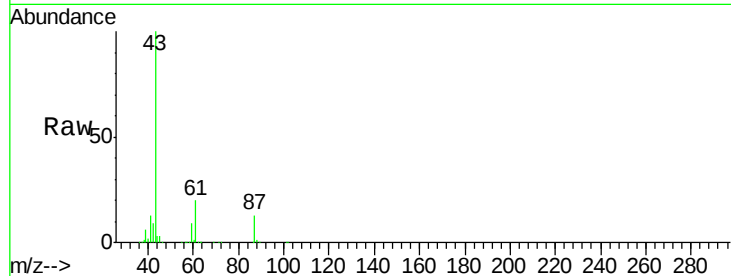


#43

Isopropyl Acetate
 Concen: 51.931 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

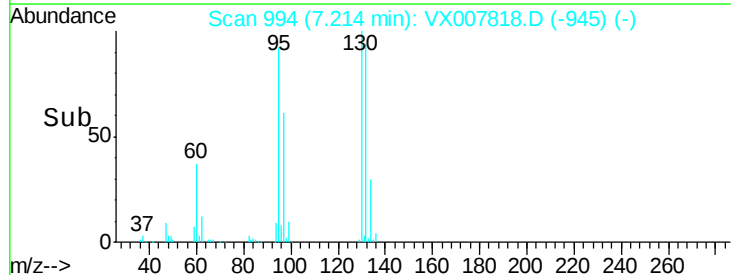
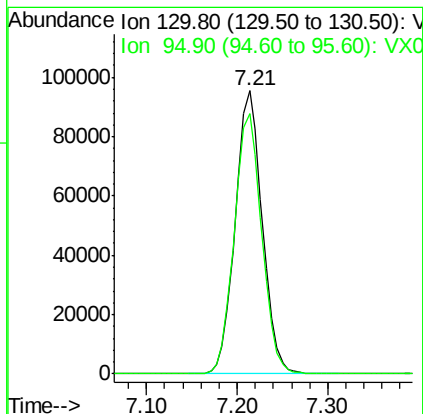
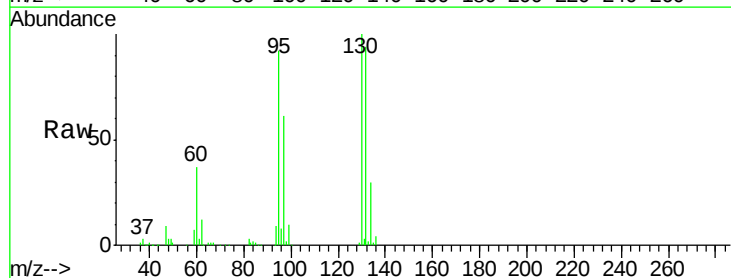
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.1	24.1
87	13.2	11.5	17.3

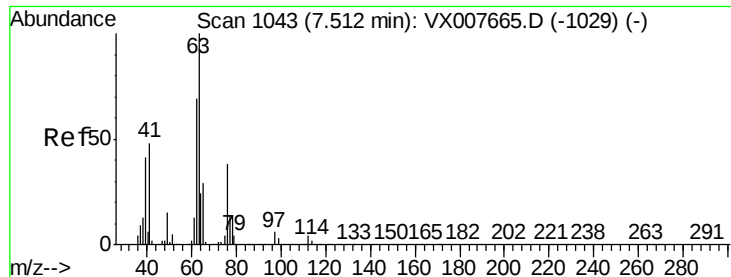


#44

Trichloroethene
 Concen: 56.532 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	180.0

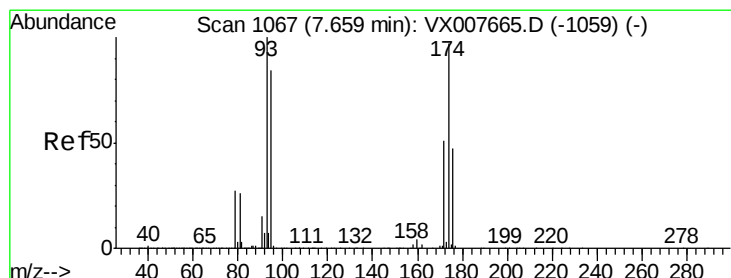
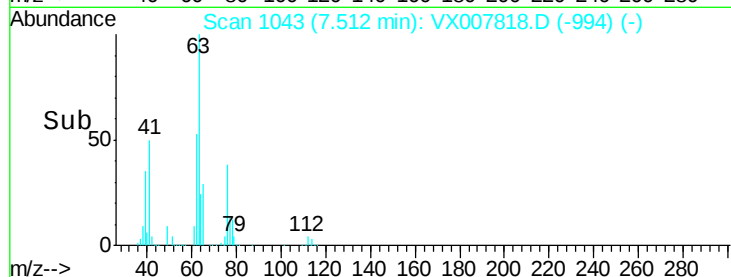
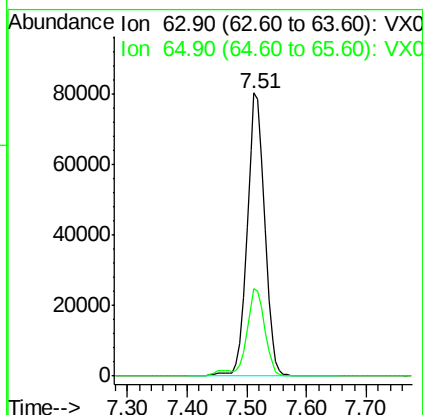
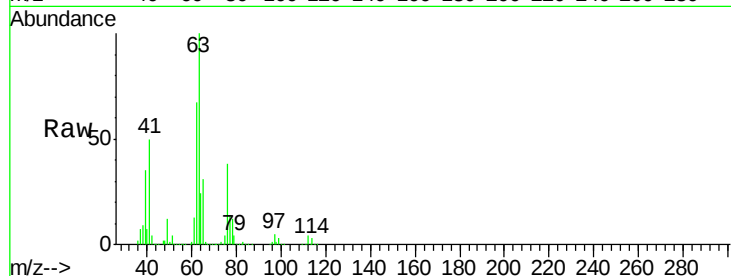




#45
 1,2-Dichloropropane
 Concen: 49.930 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

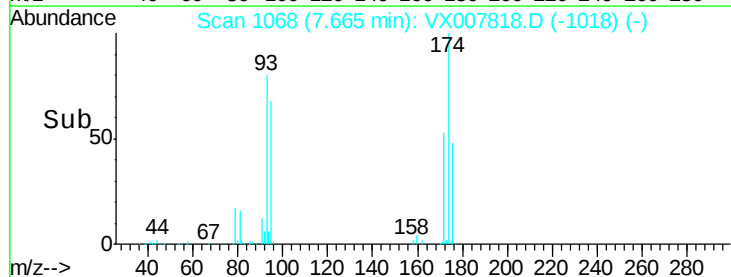
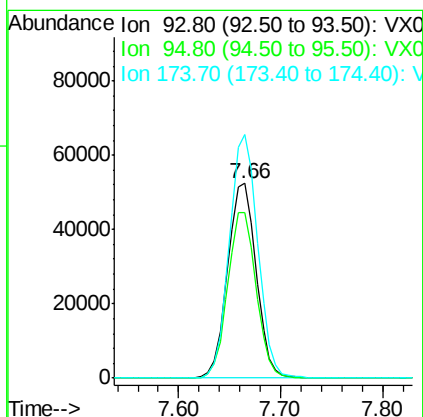
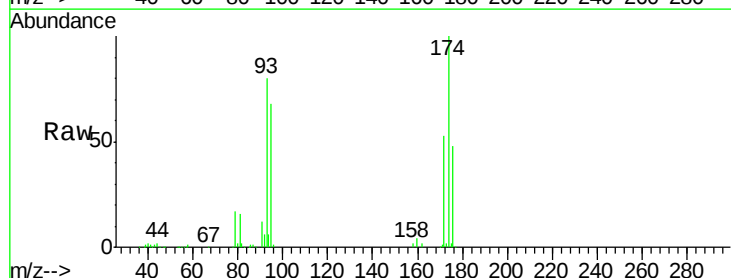
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

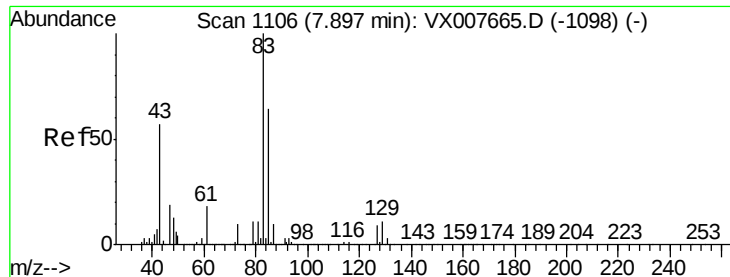
Tot Ion: 63 Resp: 164158
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#46
 Dibromomethane
 Concen: 44.402 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion: 93 Resp: 101843
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.6 101.4
 174 123.4 94.2 141.4





#47

Bromodichloromethane

Concen: 49.340 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

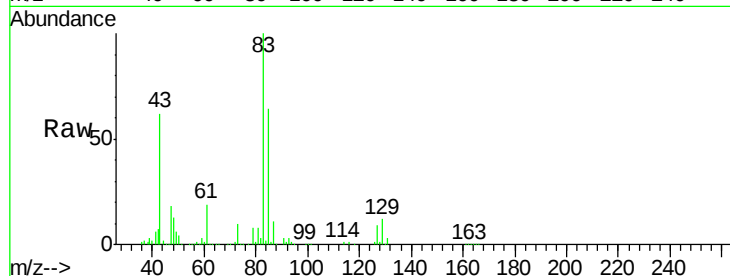
Tot Ion: 83 Resp: 196118

Ion Ratio Lower Upper

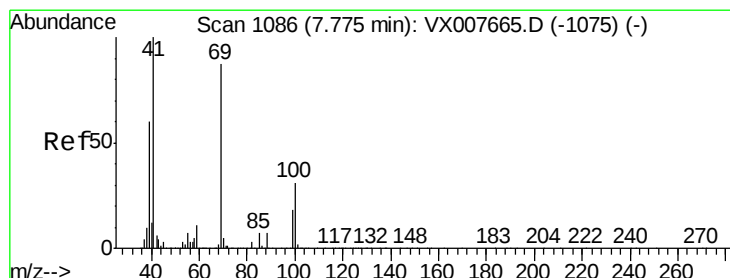
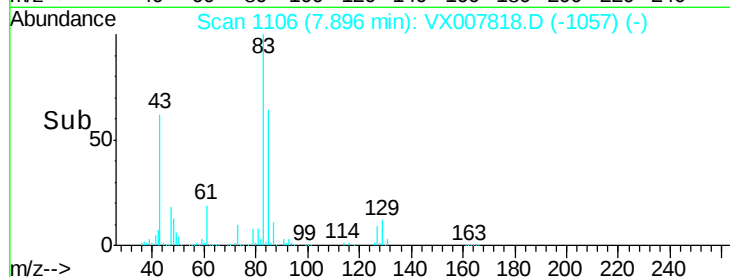
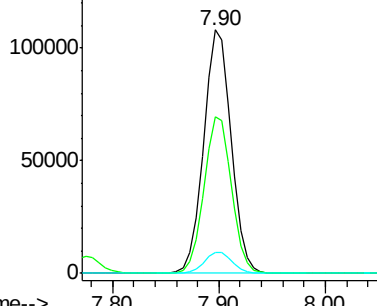
83 100

85 64.4 51.4 77.0

127 8.8 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: 52.806 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

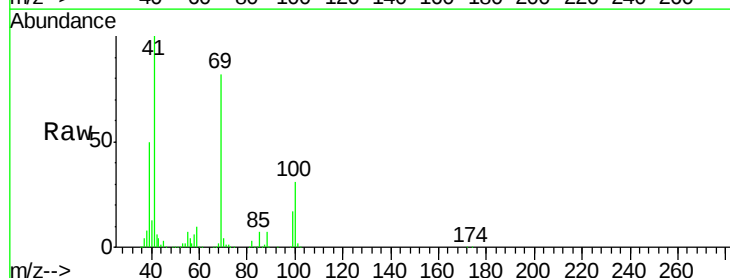
Tgt Ion: 41 Resp: 194569

Ion Ratio Lower Upper

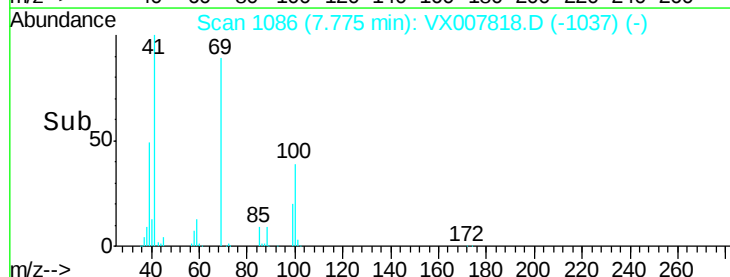
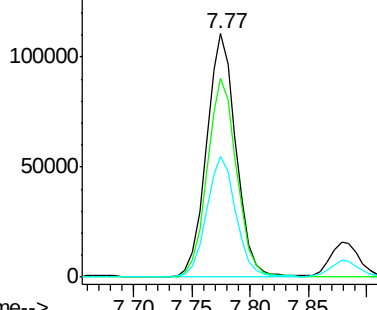
41 100

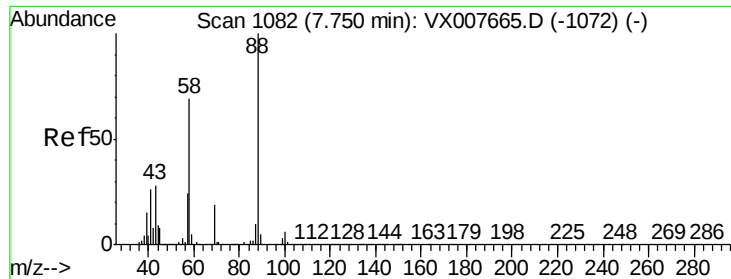
69 82.3 70.2 105.4

39 49.6 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

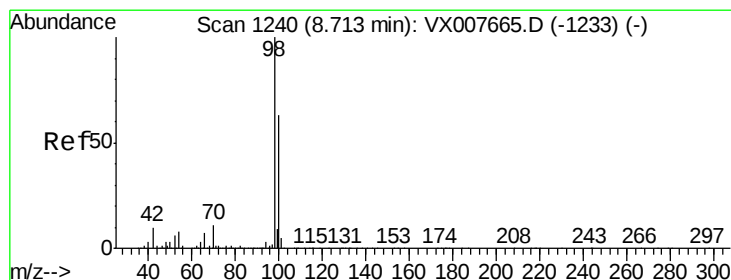
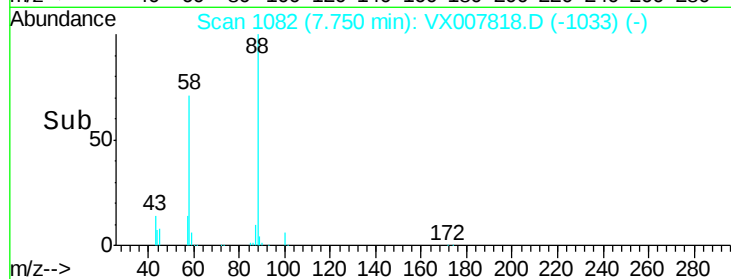
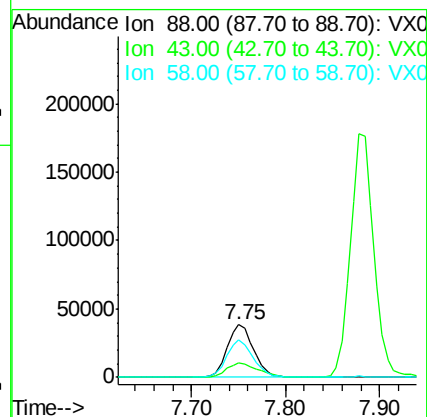
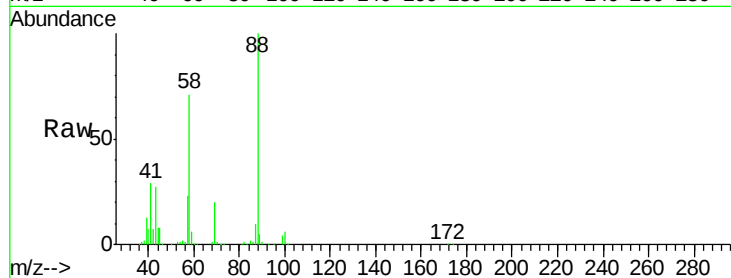




#49
1,4-Dioxane
Concen: 930.467 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

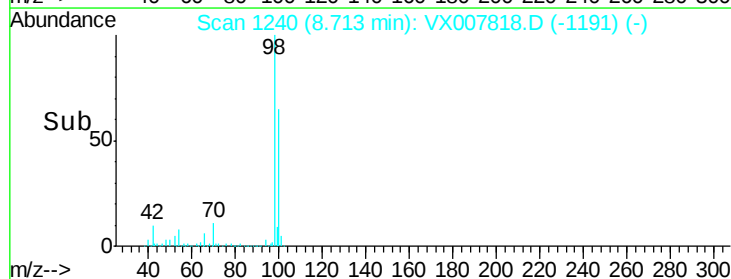
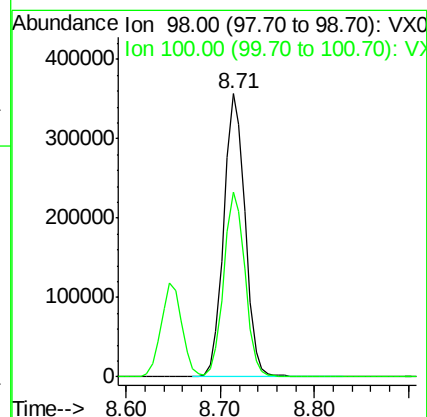
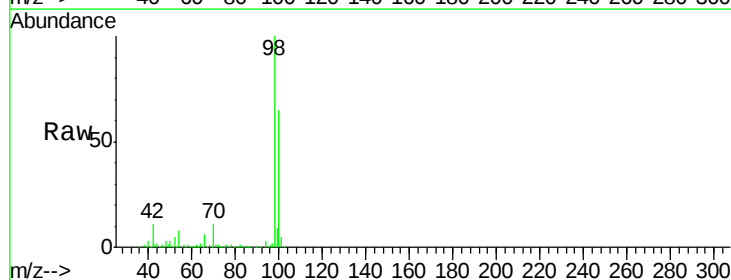
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

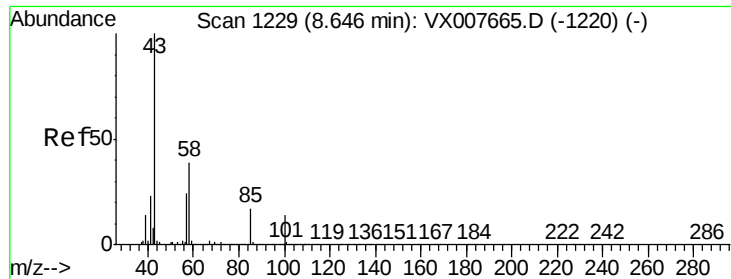
Tot Ion	88	Resp	74048
Ion	Ratio	Lower	Upper
88	100		
43	31.5	24.2	36.4
58	72.2	53.0	79.4



#50
Toluene-d8
Concen: 47.836 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion	98	Resp	559865
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.6	77.4

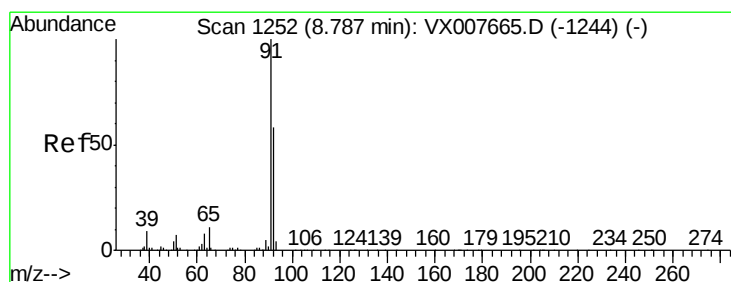
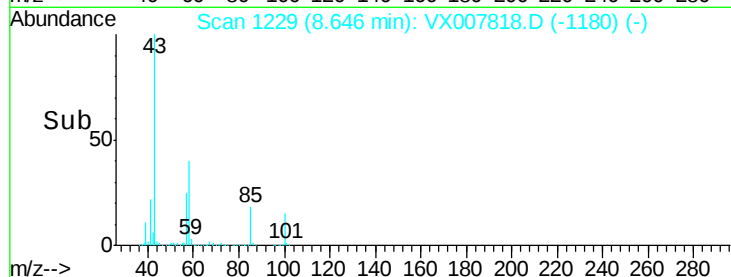
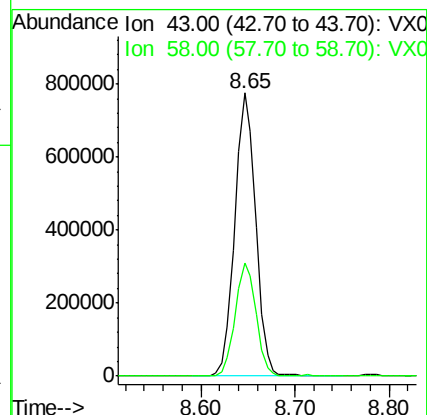
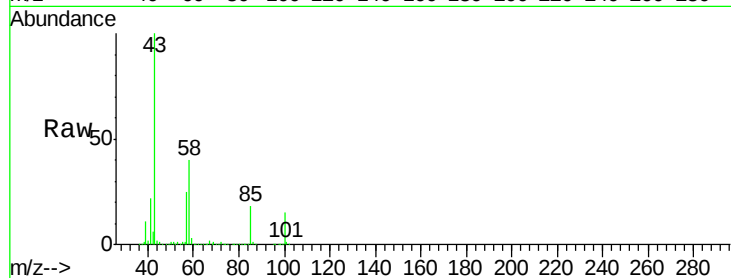




#51
 4-Methyl-2-Pentanone
 Concen: 253.427 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

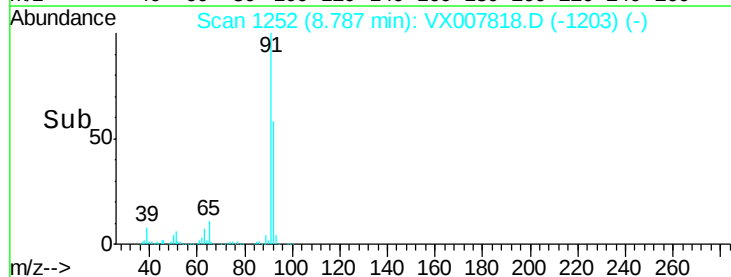
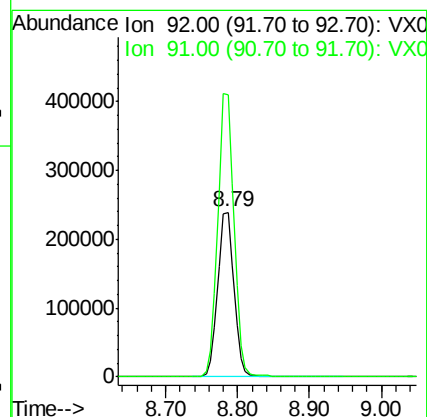
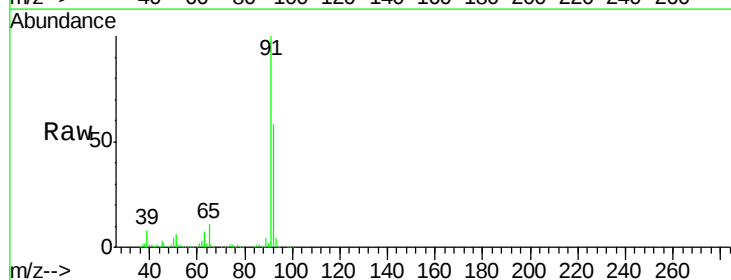
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

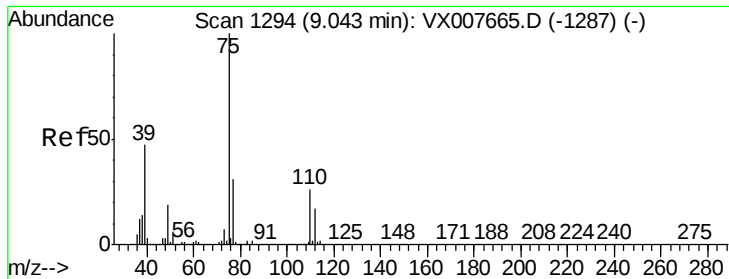
Tot Ion: 43 Resp: 1192433
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.2 46.8



#52
 Toluene
 Concen: 46.822 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion: 92 Resp: 374737
 Ion Ratio Lower Upper
 92 100
 91 171.5 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 44.528 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

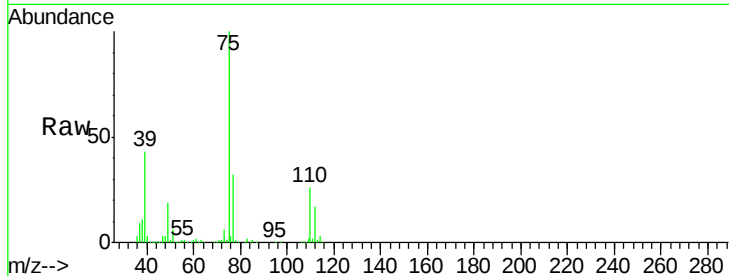
BP-VPB201-GW-485-487MSD

Tot Ion: 75 Resp: 218433

Ion Ratio Lower Upper

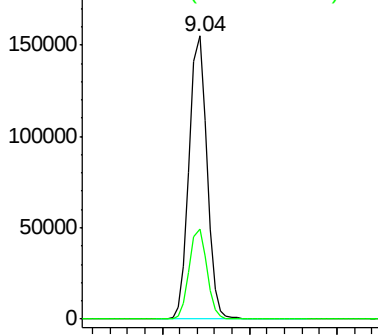
75 100

77 31.9 25.2 37.8

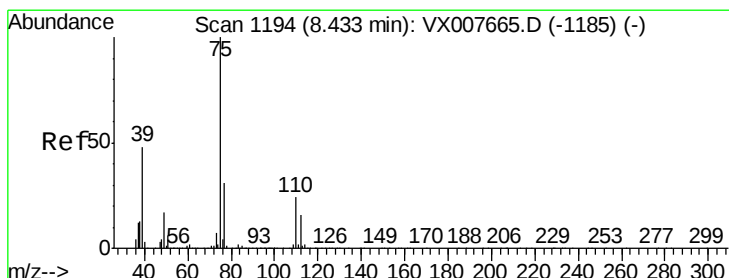
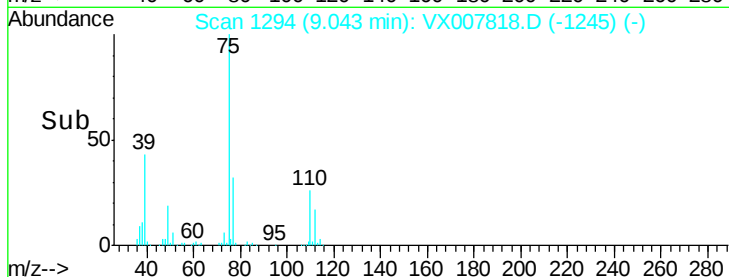


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.675 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

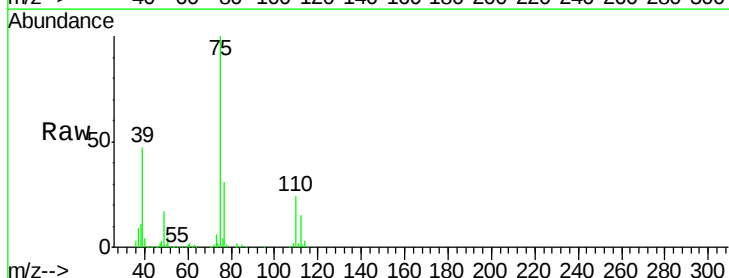
Tgt Ion: 75 Resp: 239613

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4

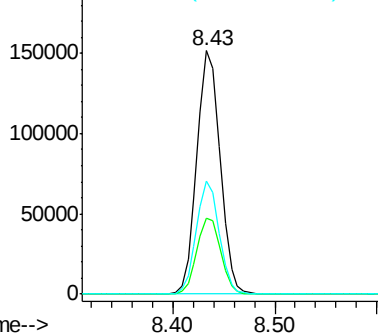
39 46.6 37.1 55.7



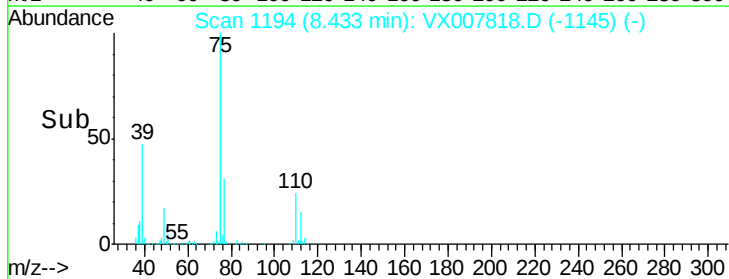
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#55

1,1,2-Trichloroethane

Concen: 46.657 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

Tot Ion: 97 Resp: 155716

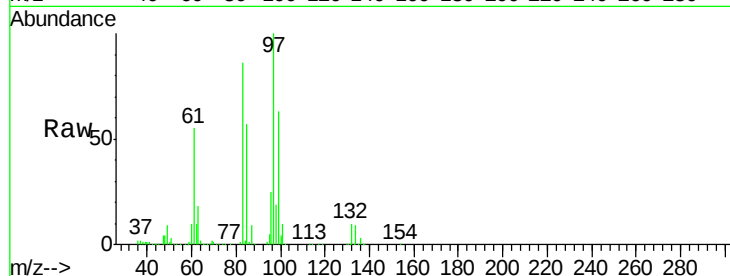
Ion Ratio Lower Upper

97 100

83 86.3 68.6 102.8

85 56.6 44.5 66.7

99 63.0 52.2 78.4

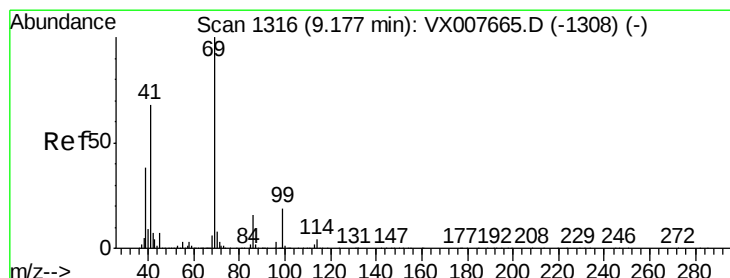
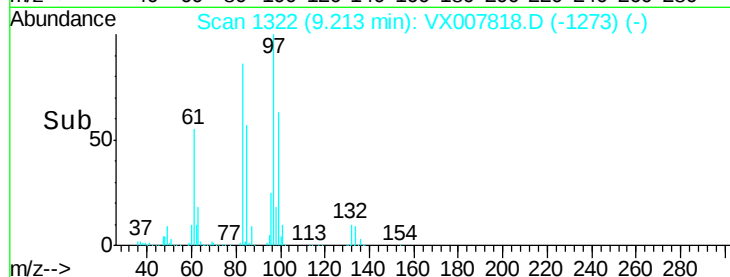
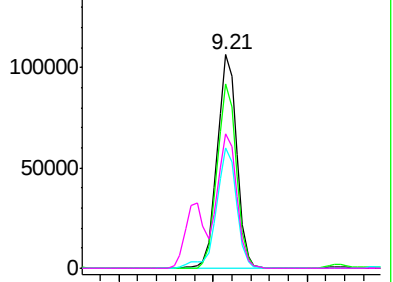


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 51.151 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

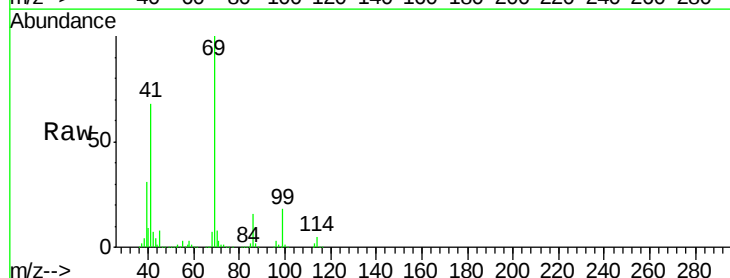
Tgt Ion: 69 Resp: 242771

Ion Ratio Lower Upper

69 100

41 67.4 52.1 78.1

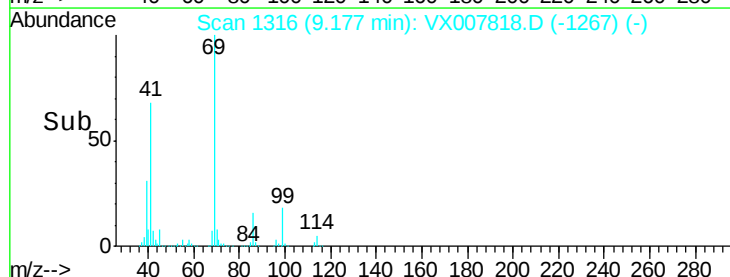
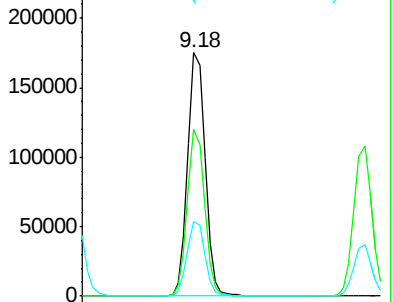
39 31.1 30.1 45.1

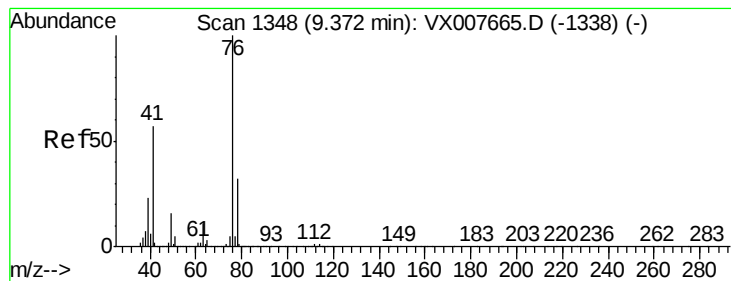


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.614 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

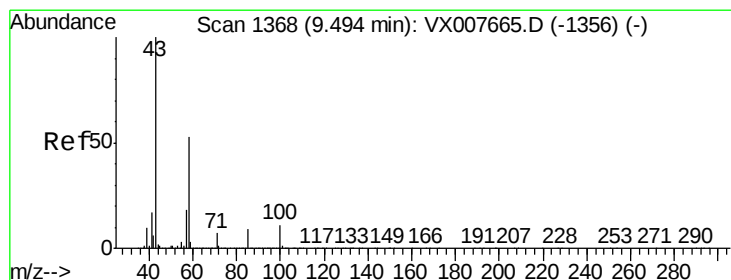
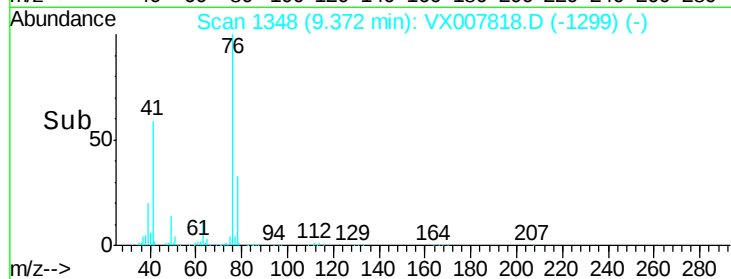
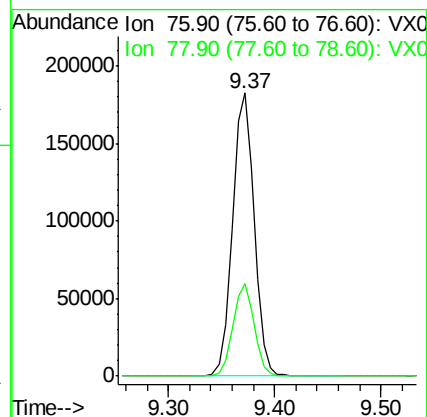
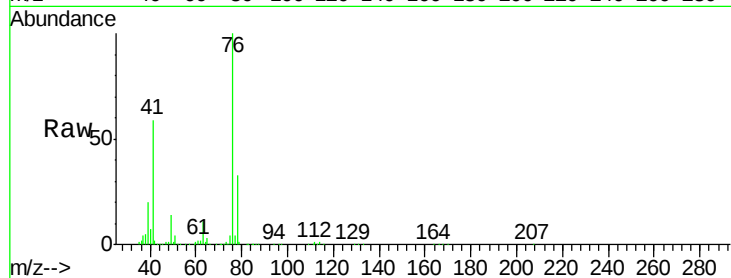
BP-VPB201-GW-485-487MSD

Tot Ion: 76 Resp: 259721

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#59

2-Hexanone

Concen: 241.776 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007818.D

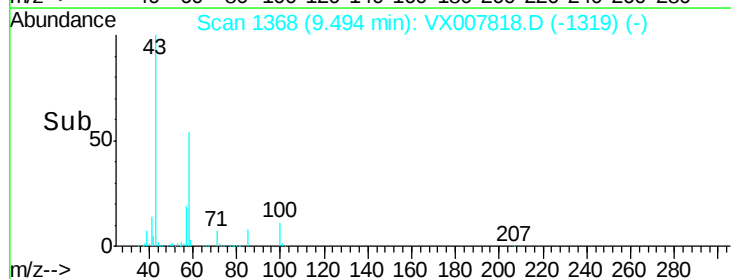
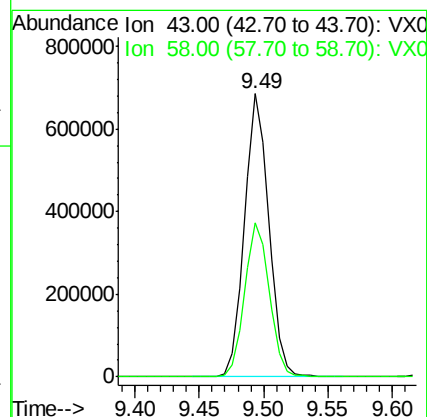
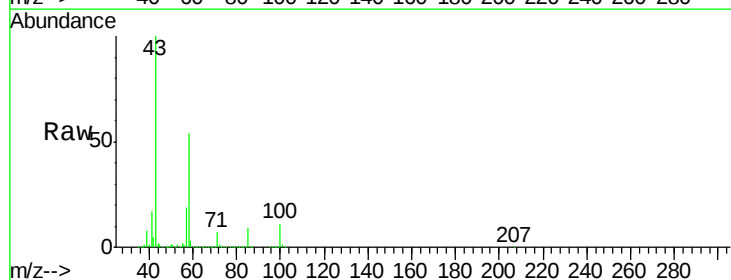
Acq: 04 Mar 2019 18:35

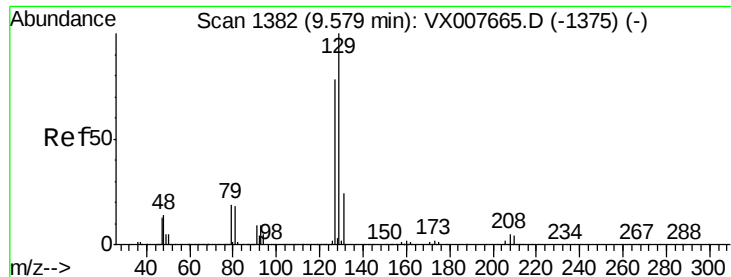
Tgt Ion: 43 Resp: 893130

Ion Ratio Lower Upper

43 100

58 55.5 27.1 81.3





#60

Dibromochloromethane

Concen: 50.993 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

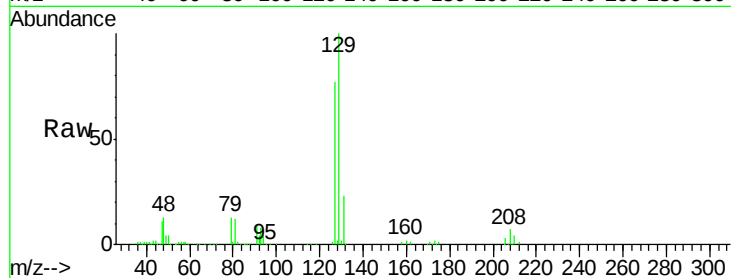
BP-VPB201-GW-485-487MSD

Tot Ion:129 Resp: 163759

Ion Ratio Lower Upper

129 100

127 77.7 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

120000

100000

80000

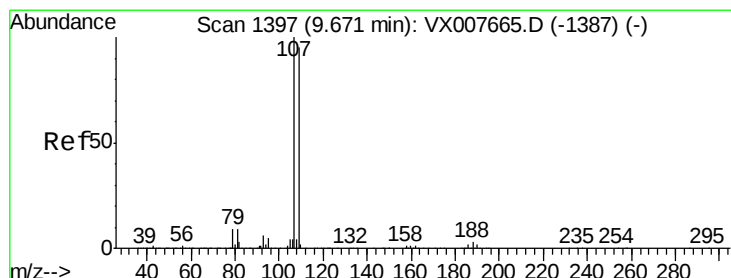
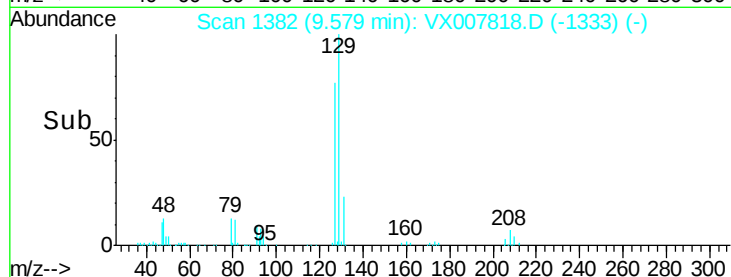
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 47.199 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007818.D

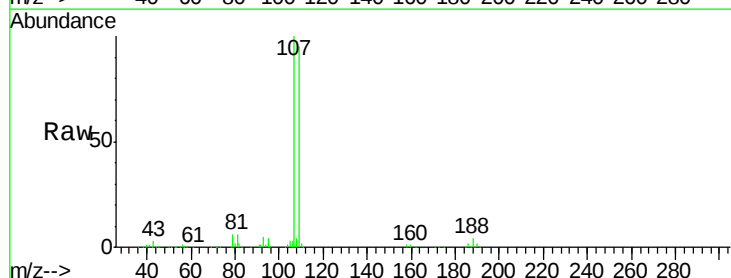
Acq: 04 Mar 2019 18:35

Tgt Ion:107 Resp: 163552

Ion Ratio Lower Upper

107 100

109 95.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

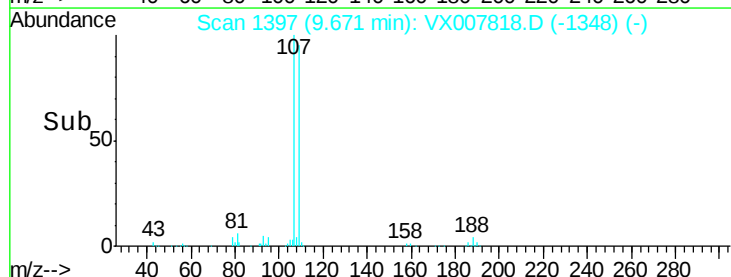
9.67

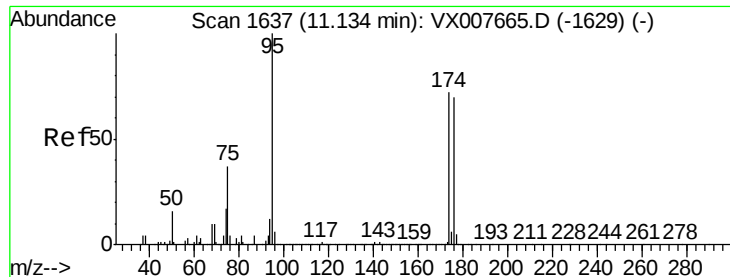
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.597 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

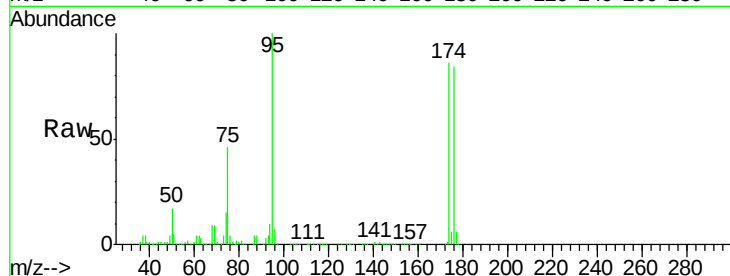
Tot Ion: 95 Resp: 200165

Ion Ratio Lower Upper

95 100

174 92.0 0.0 189.2

176 89.3 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)

11.13

150000

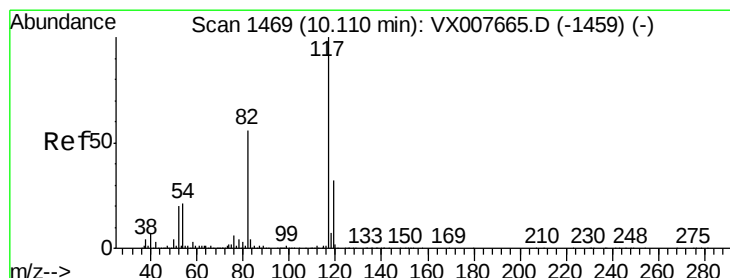
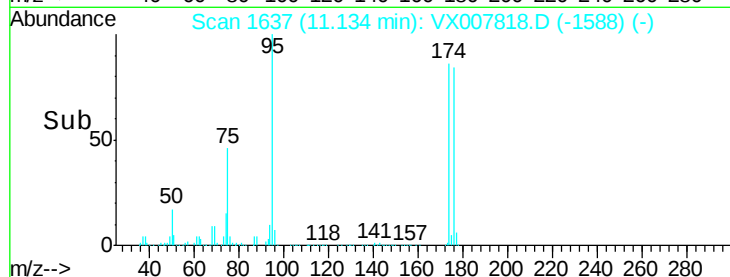
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

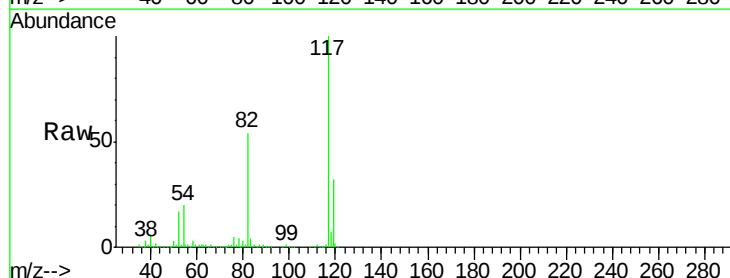
Tgt Ion: 117 Resp: 399793

Ion Ratio Lower Upper

117 100

82 54.5 42.1 63.1

119 32.5 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)

10.11

400000

300000

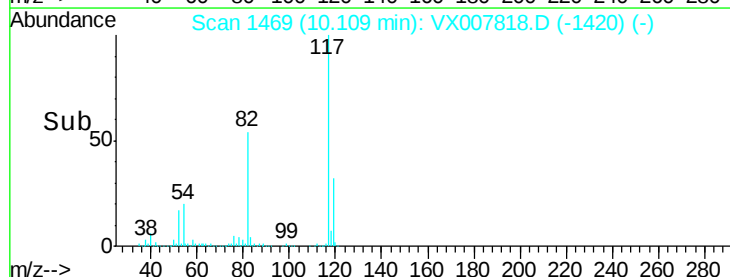
200000

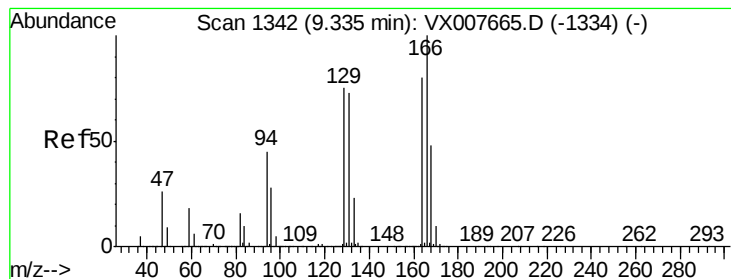
100000

0

10.10 10.20

Time-->





#64

Tetrachloroethene

Concen: 50.082 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

Tot Ion:164 Resp: 162545

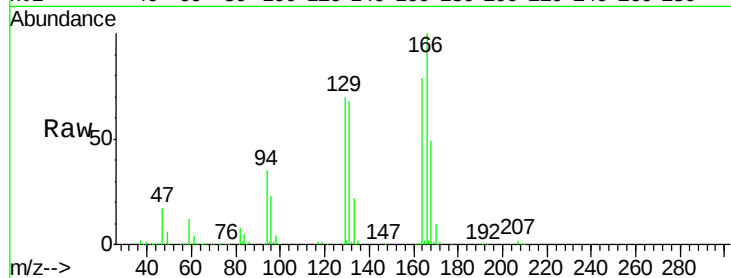
Ion Ratio Lower Upper

164 100

166 126.3 101.0 151.4

129 88.0 70.5 105.7

131 85.6 69.8 104.6

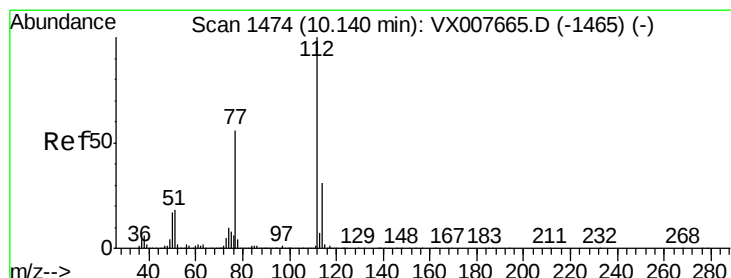
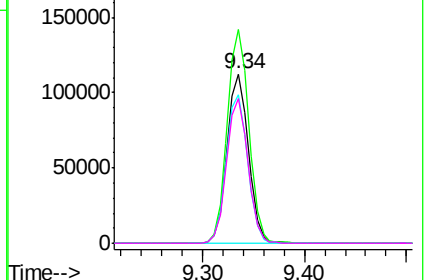
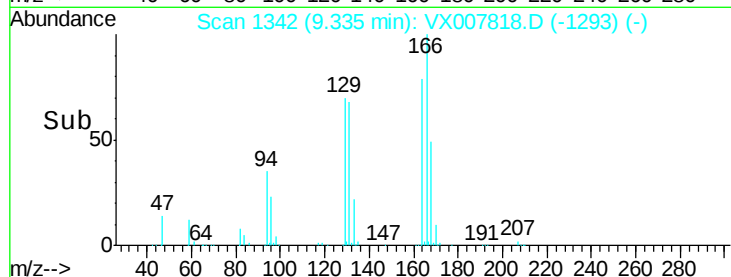


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.466 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007818.D

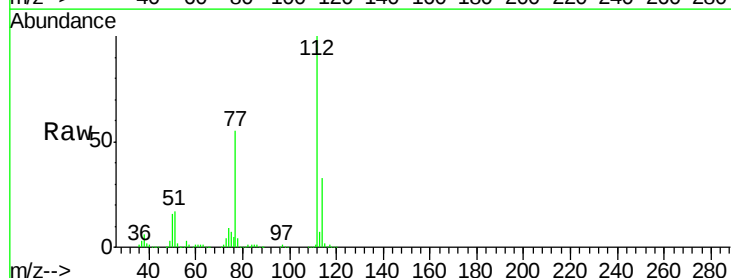
Acq: 04 Mar 2019 18:35

Tgt Ion:112 Resp: 410424

Ion Ratio Lower Upper

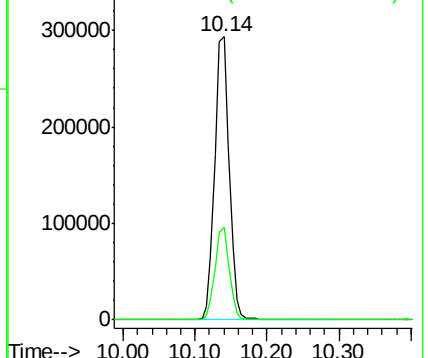
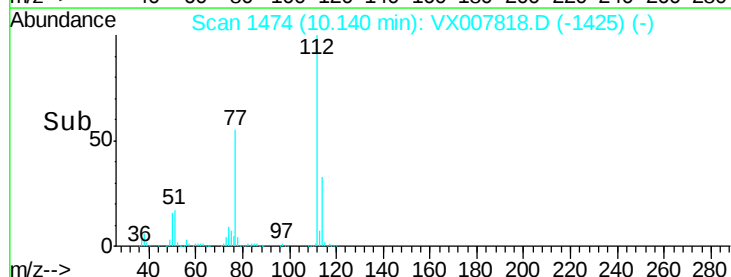
112 100

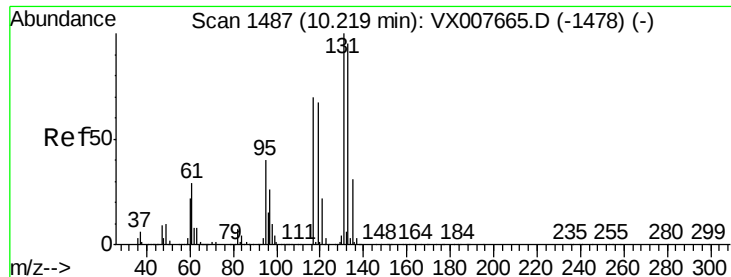
114 32.9 25.8 38.6



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: 51.141 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

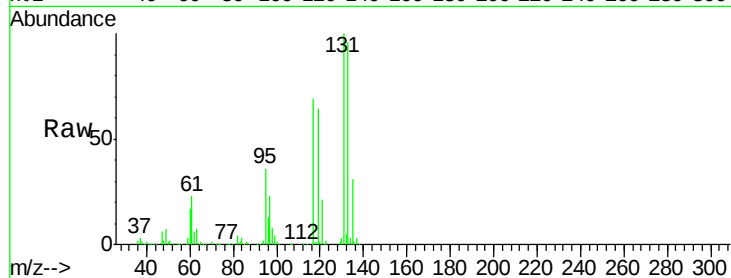
Tot Ion:131 Resp: 154251

Ion Ratio Lower Upper

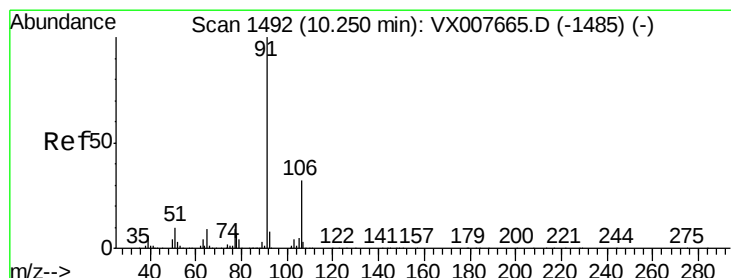
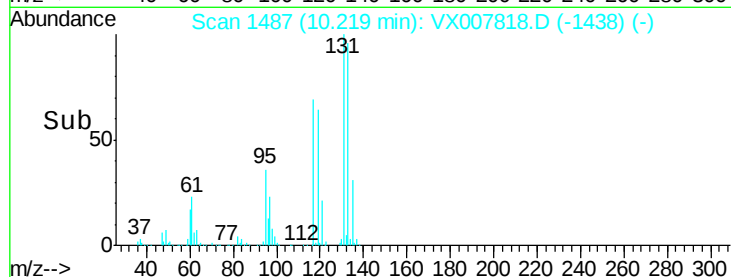
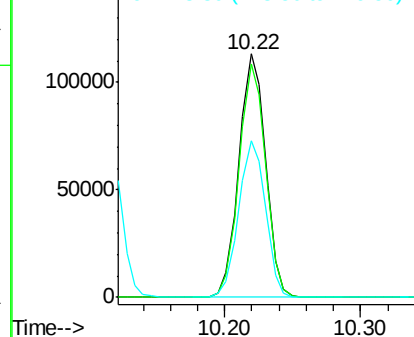
131 100

133 95.6 48.0 144.2

119 64.9 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: 48.304 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007818.D

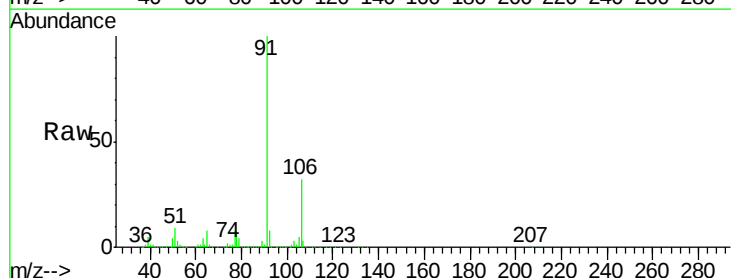
Acq: 04 Mar 2019 18:35

Tgt Ion: 91 Resp: 691891

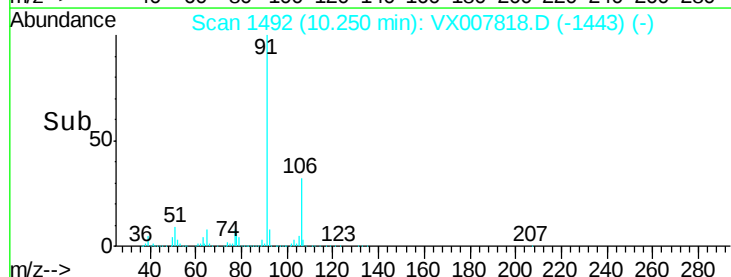
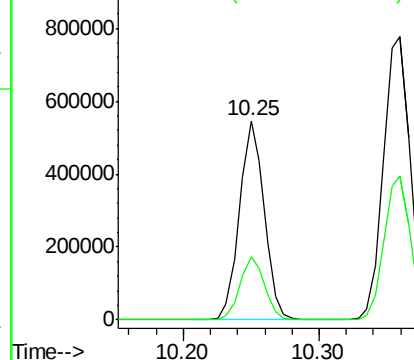
Ion Ratio Lower Upper

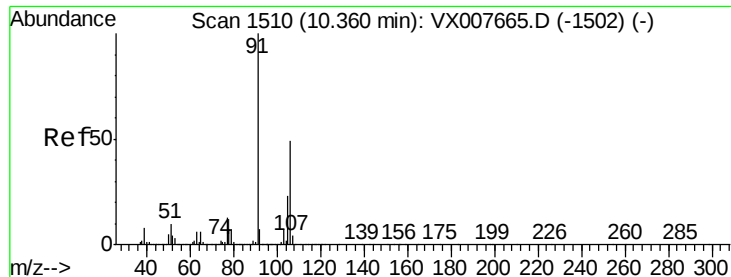
91 100

106 31.5 25.4 38.0



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

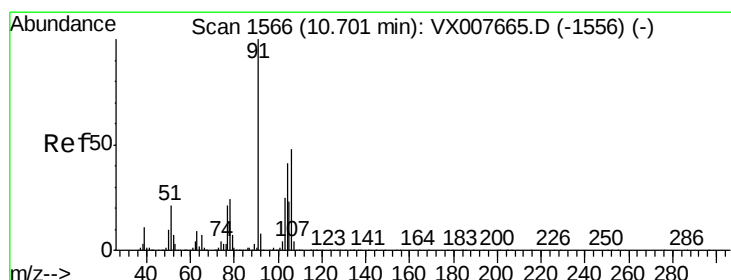
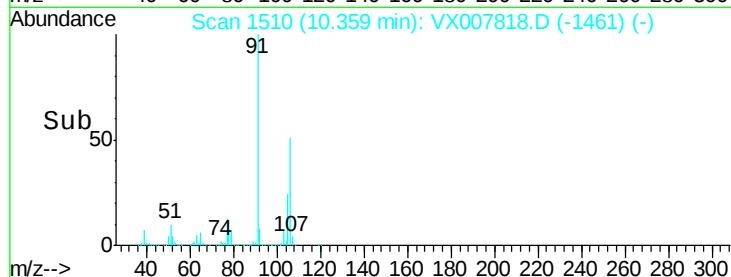
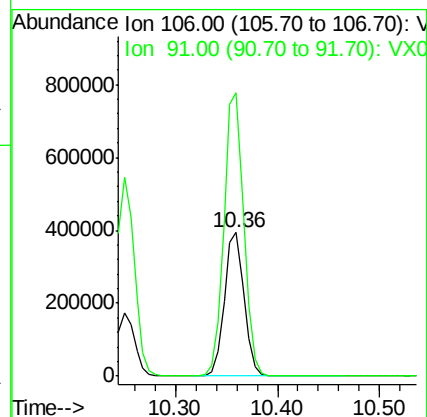
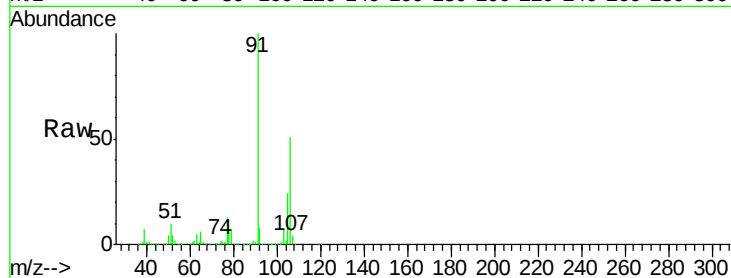




#68
m/p-Xylenes
Concen: 95.212 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

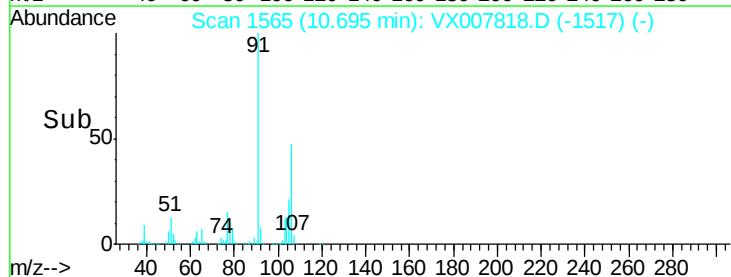
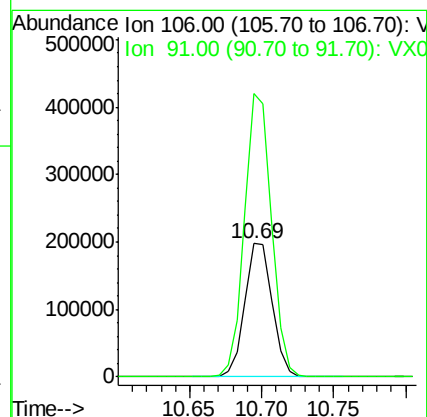
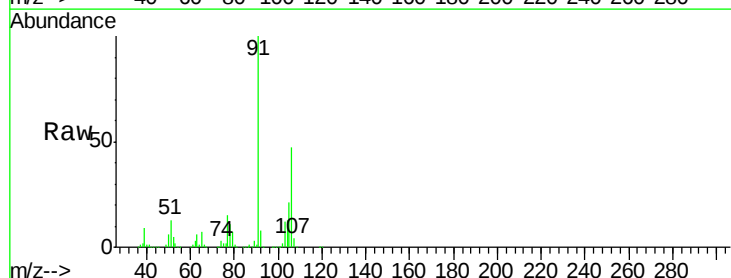
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

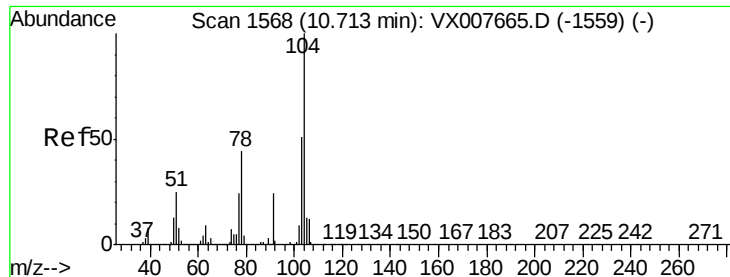
Tot Ion:106 Resp: 530557
Ion Ratio Lower Upper
106 100
91 200.1 156.6 234.8



#69
o-Xylene
Concen: 48.679 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion:106 Resp: 260918
Ion Ratio Lower Upper
106 100
91 209.8 102.9 308.7

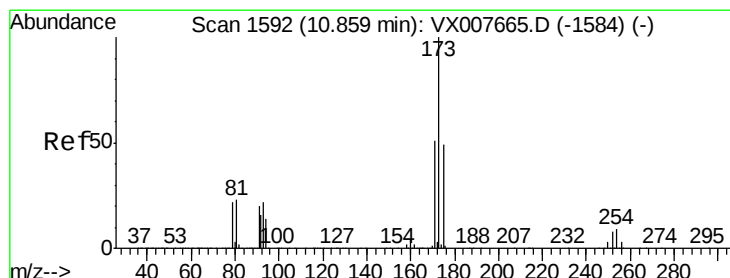
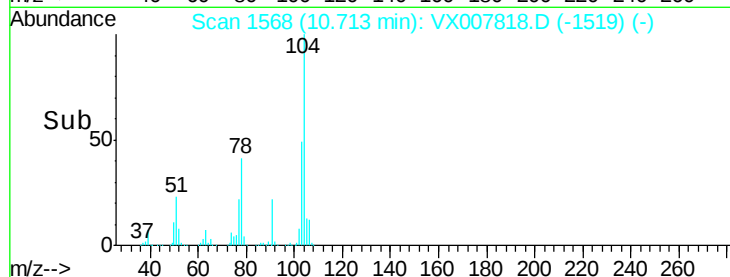
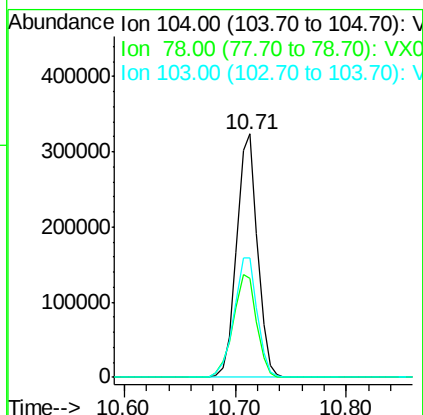
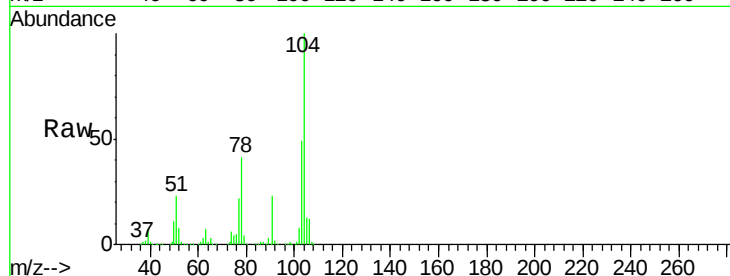




#70
Stvrene
Concen: 47.579 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

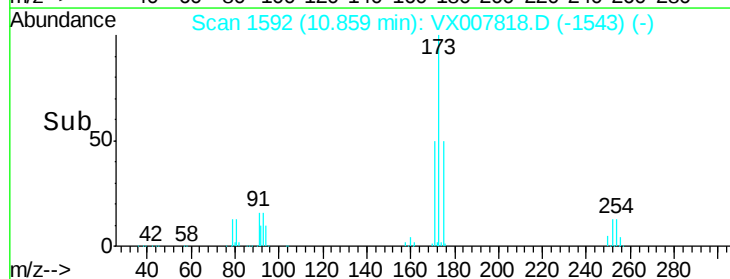
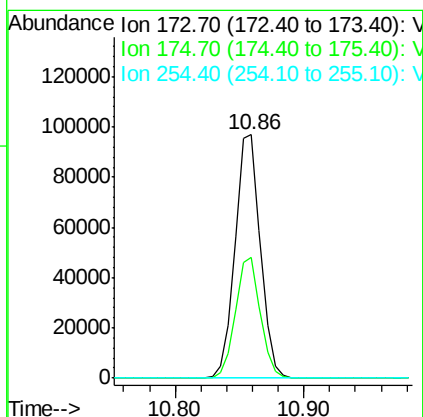
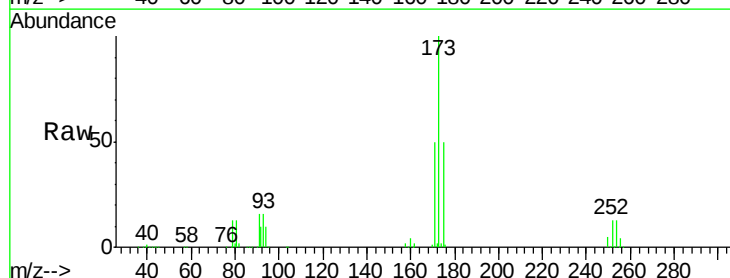
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

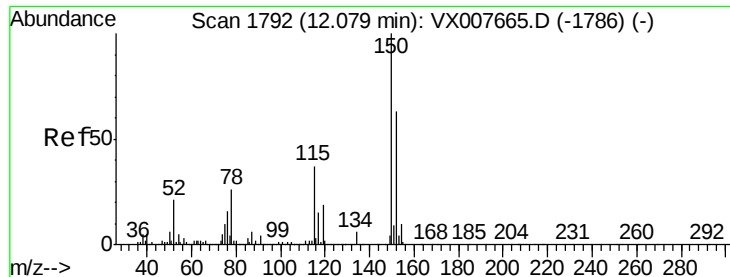
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.3	57.5
103	55.0	44.6	67.0



#71
Bromoform
Concen: 58.510 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.2	0.2	0.2



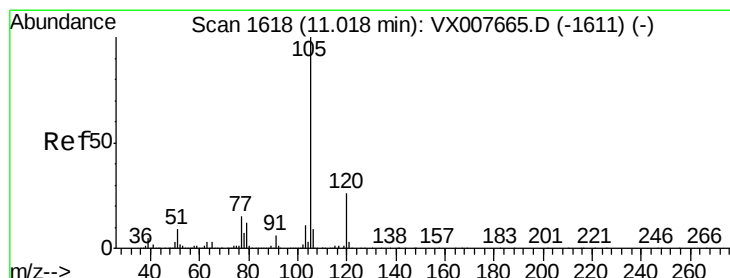
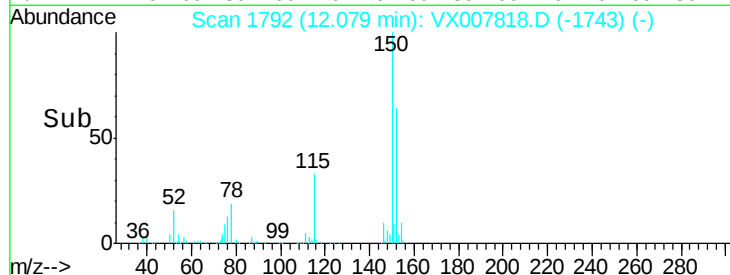
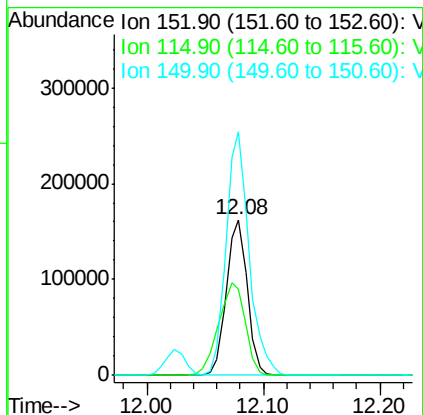
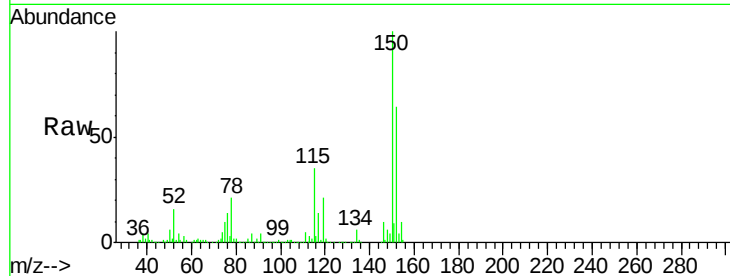


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

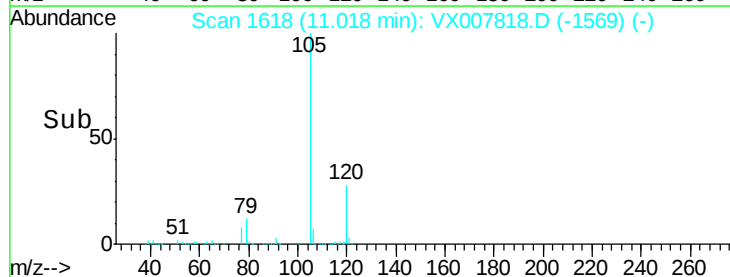
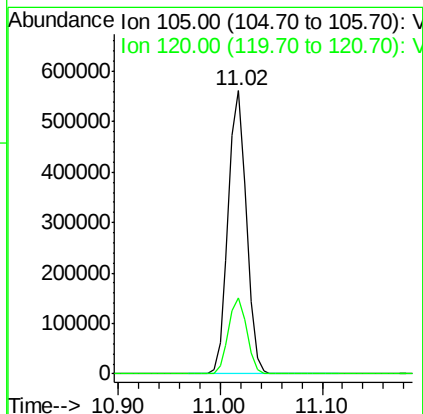
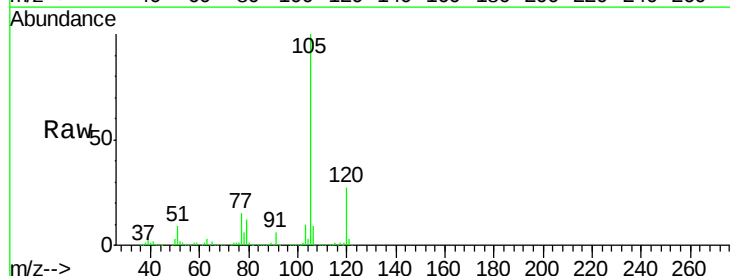
Tot Ion:152 Resp: 200726
Ion Ratio Lower Upper
152 100
115 75.4 38.0 114.0
150 172.0 0.0 346.4

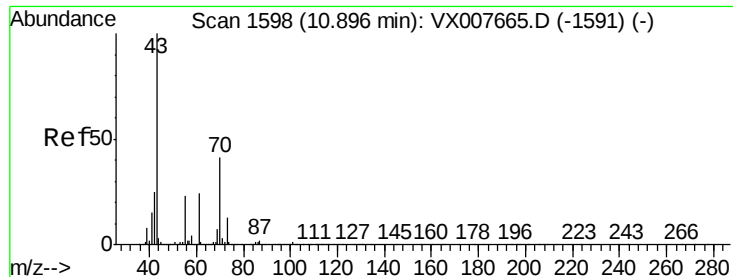


#73

Isopropylbenzene
Concen: 48.196 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion:105 Resp: 691419
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7





#74

N-amvl acetate

Concen: 49.641 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

Tot Ion: 43 Resp: 309259

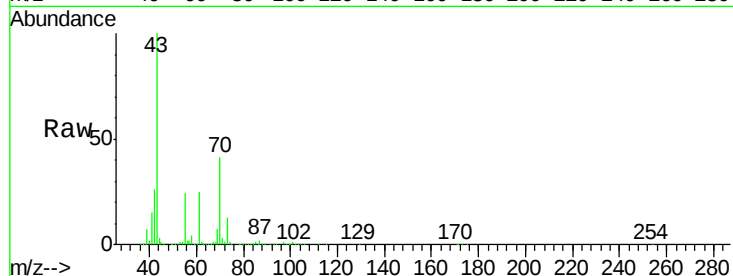
Ion Ratio Lower Upper

43 100

70 42.0 33.8 50.6

55 24.7 19.5 29.3

61 24.2 19.4 29.2

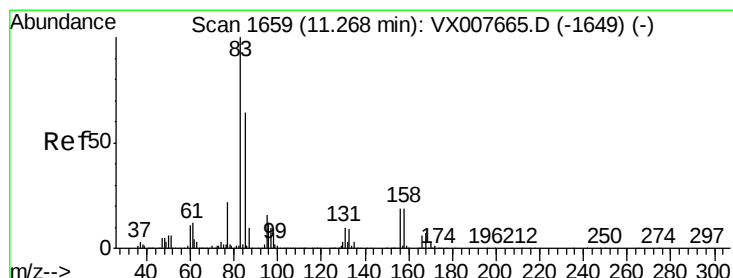
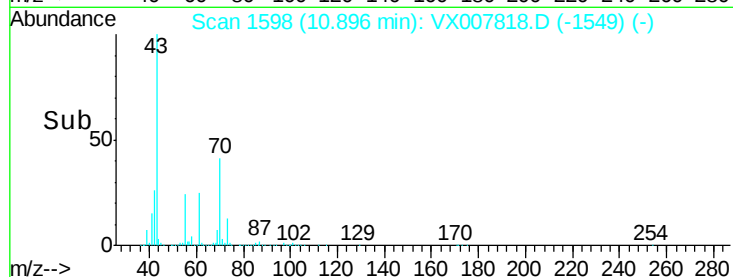
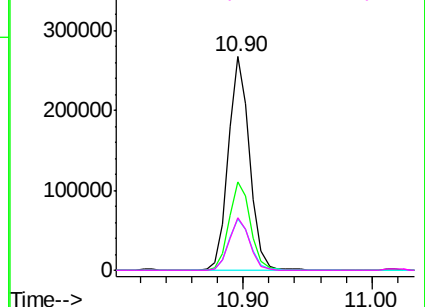


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 46.325 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

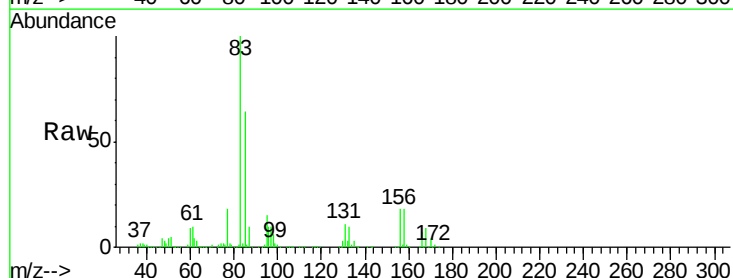
Tgt Ion: 83 Resp: 229858

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.0

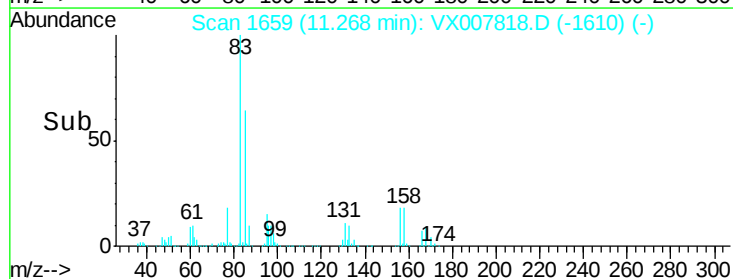
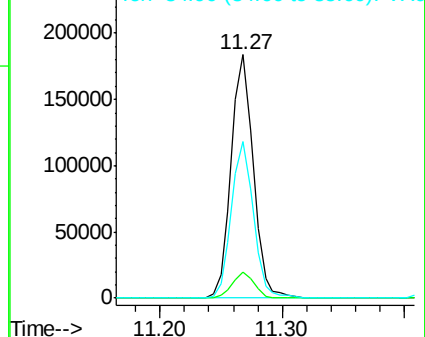
85 64.2 32.8 98.3

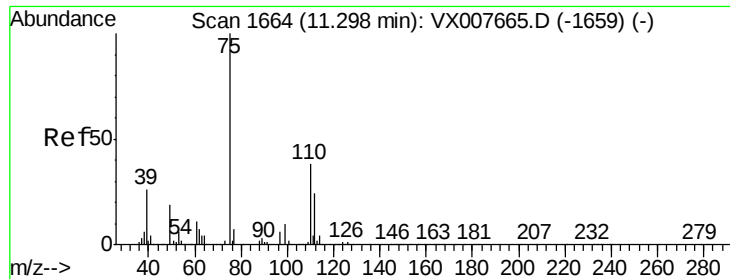


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

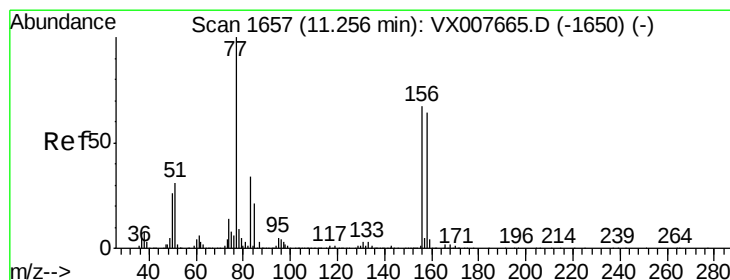
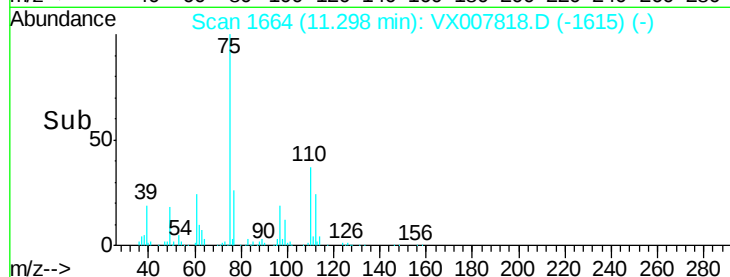
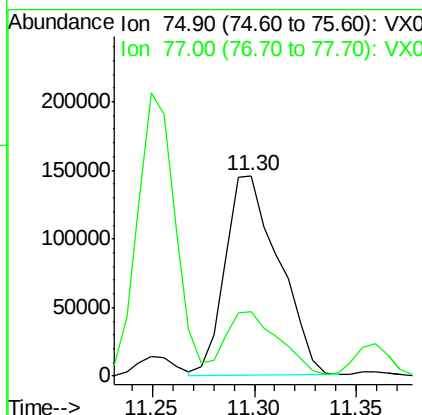
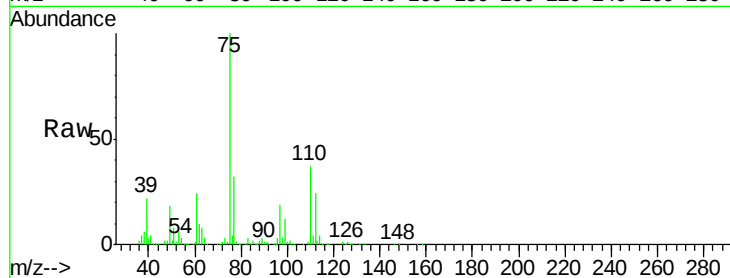




#76
1,2,3-Trichloropropane
Concen: 62.047 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

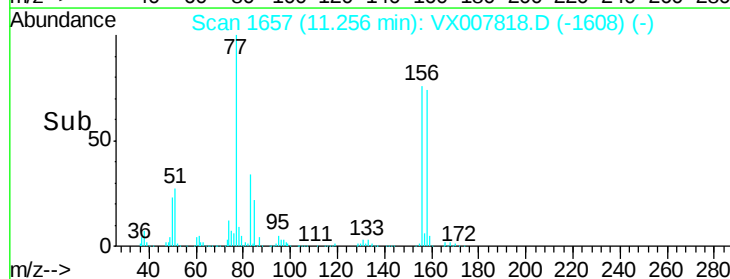
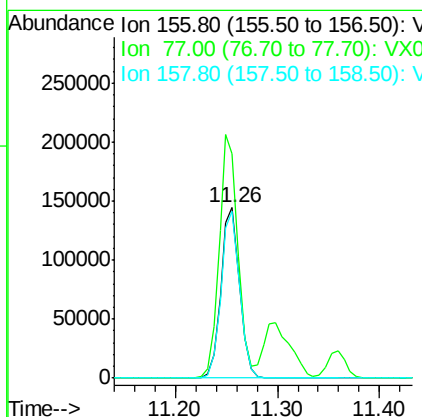
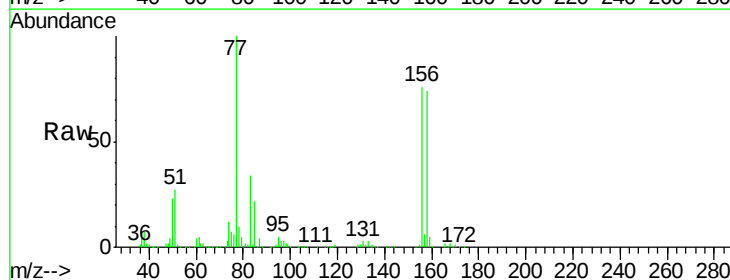
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

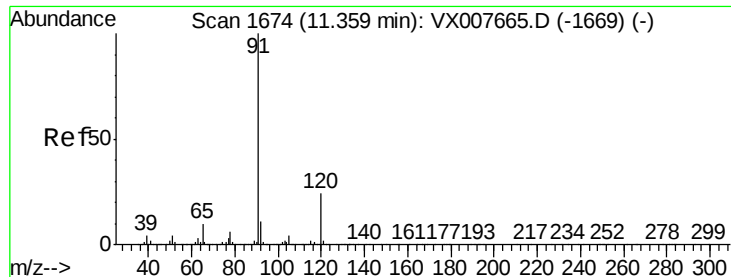
Tot Ion: 75 Resp: 265472
Ion Ratio Lower Upper
75 100
77 32.7 23.0 69.0



#77
Bromobenzene
Concen: 51.147 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion: 156 Resp: 184043
Ion Ratio Lower Upper
156 100
77 143.3 66.8 200.6
158 97.7 47.9 143.8





#78

n-propylbenzene

Concen: 46.993 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

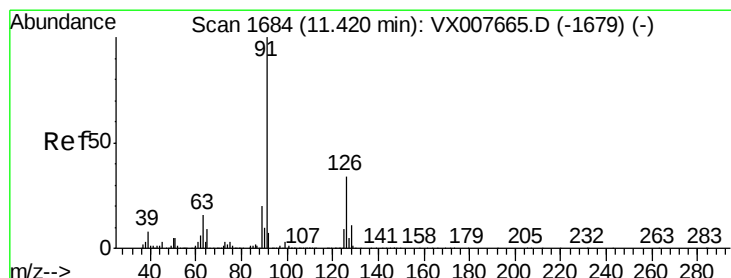
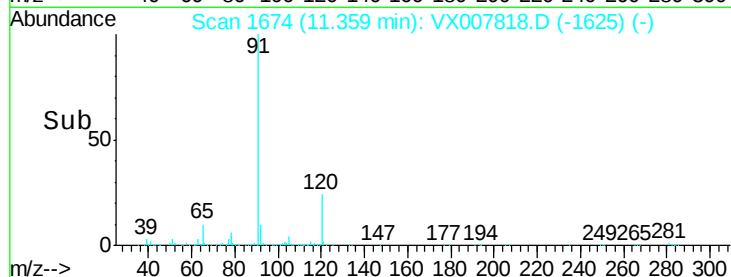
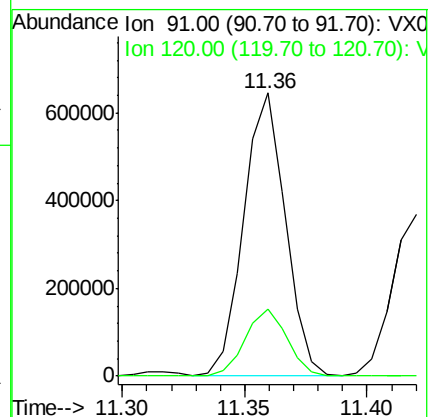
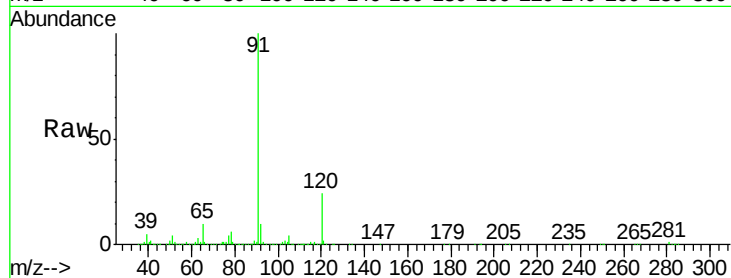
BP-VPB201-GW-485-487MSD

Tot Ion: 91 Resp: 761815

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2



#79

2-Chlorotoluene

Concen: 46.416 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007818.D

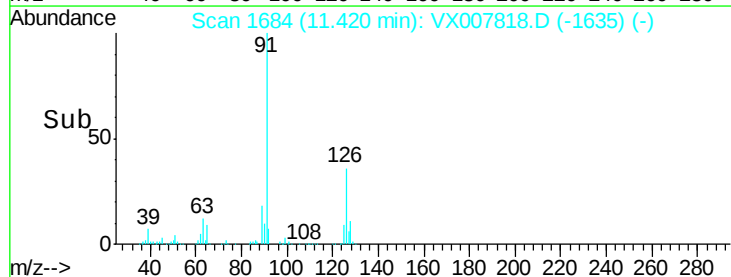
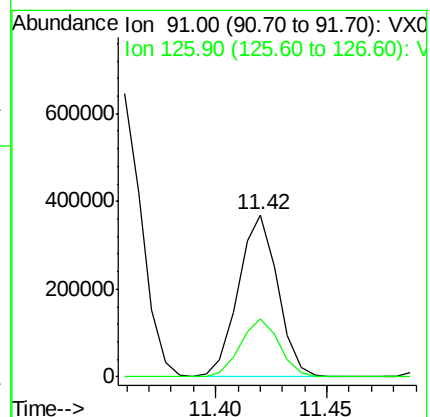
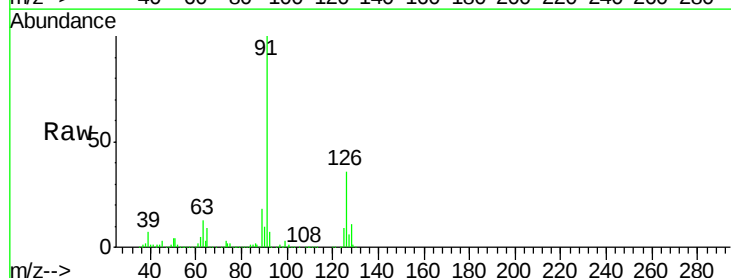
Acq: 04 Mar 2019 18:35

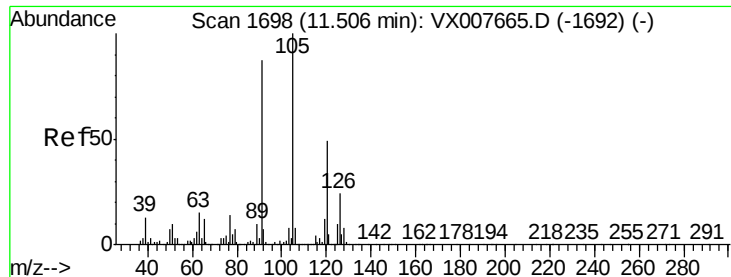
Tgt Ion: 91 Resp: 453076

Ion Ratio Lower Upper

91 100

126 35.4 18.7 56.1

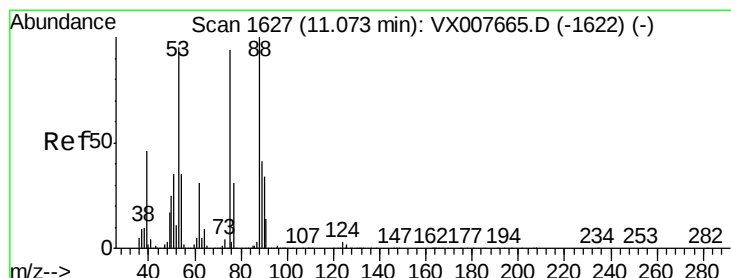
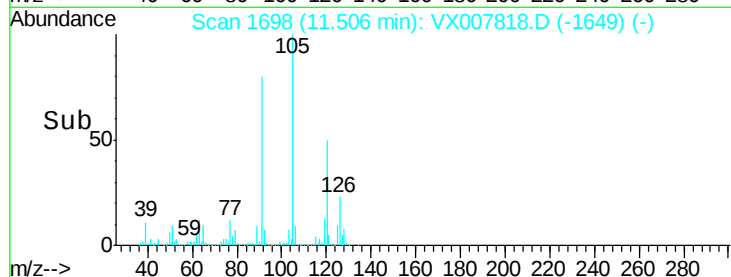
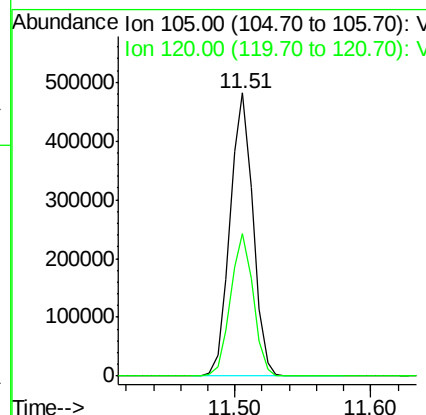
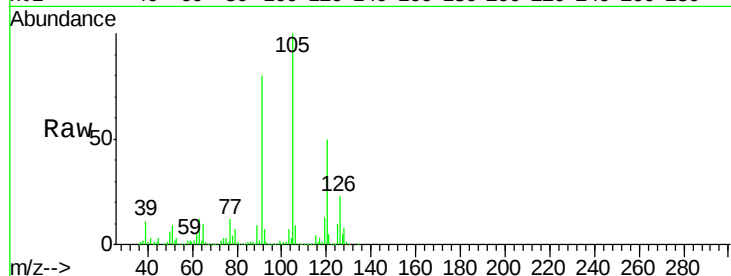




#80
 1,3,5-Trimethylbenzene
 Concen: 47.553 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

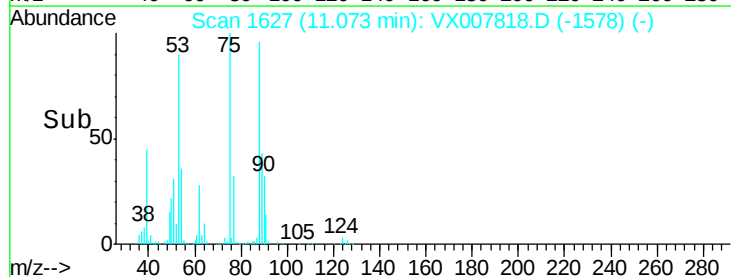
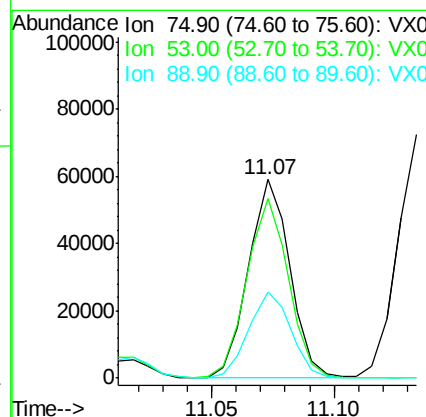
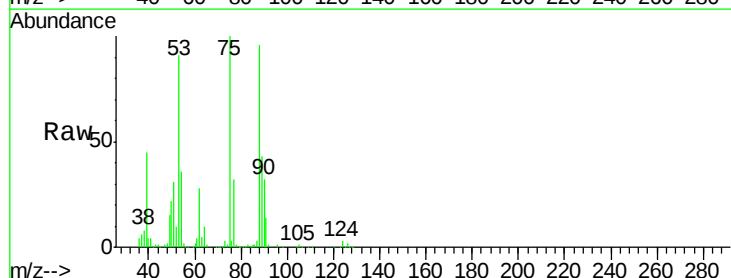
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

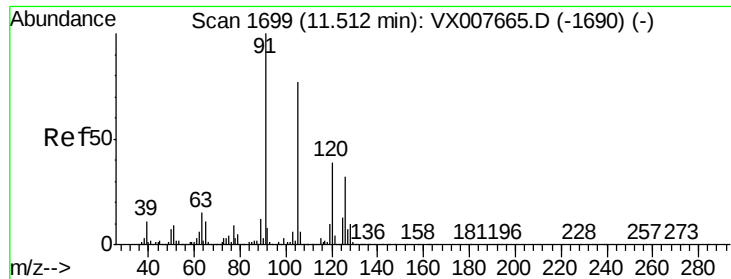
Tot Ion:105 Resp: 561150
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.882 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion: 75 Resp: 69439
 Ion Ratio Lower Upper
 75 100
 53 91.4 81.0 121.6
 89 44.8 41.4 62.0

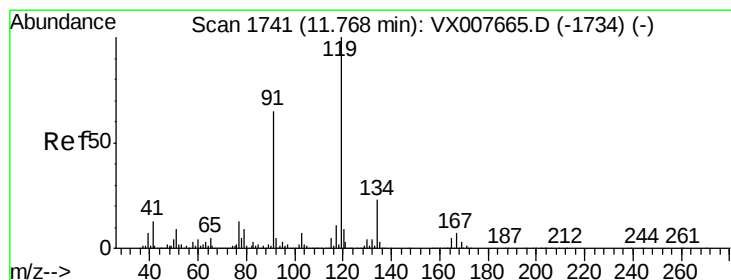
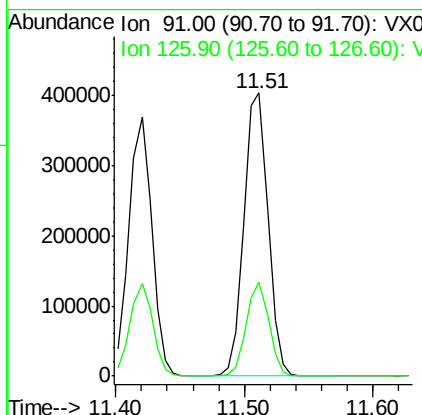
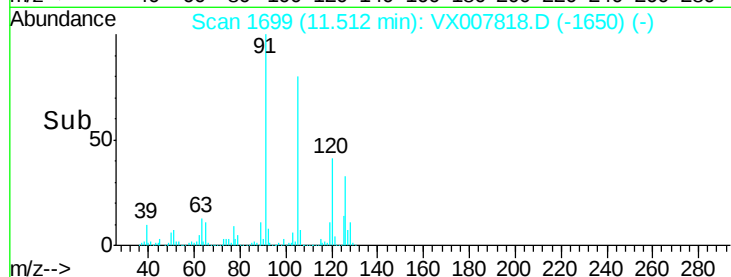
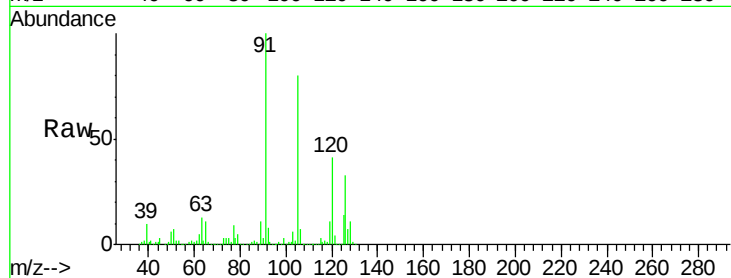




#82
4-Chlorotoluene
Concen: 45.256 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

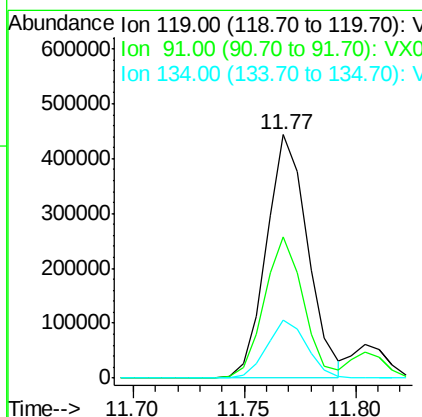
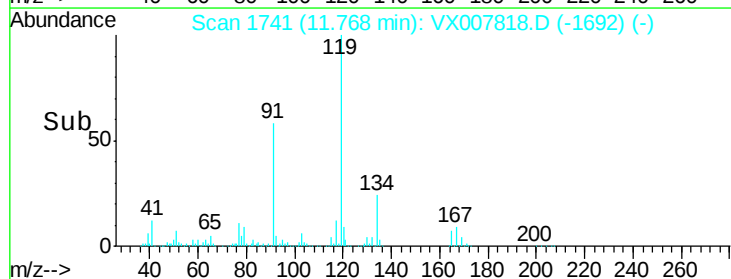
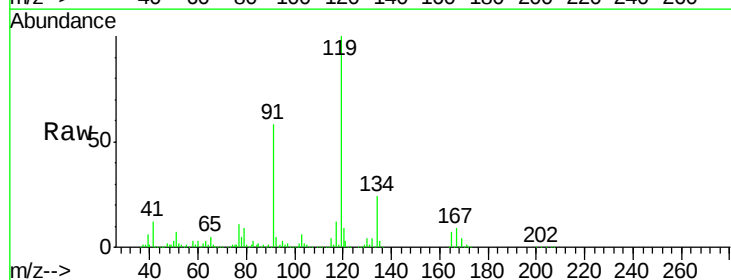
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MSD

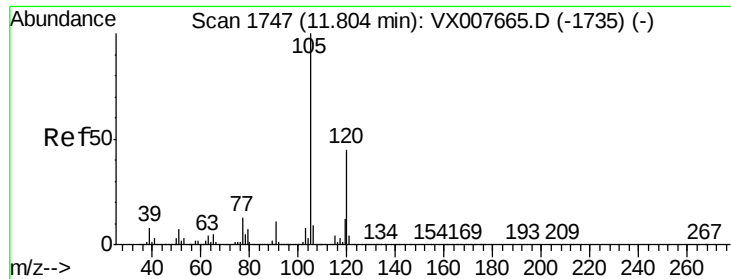
Tot Ion: 91 Resp: 516776
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.5



#83
tert-Butylbenzene
Concen: 50.354 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007818.D
Acq: 04 Mar 2019 18:35

Tgt Ion: 119 Resp: 570519
Ion Ratio Lower Upper
119 100
91 55.1 28.5 85.6
134 23.1 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 47.653 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

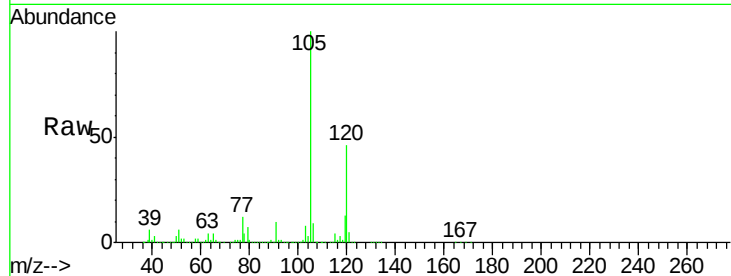
BP-VPB201-GW-485-487MSD

Tot Ion:105 Resp: 575205

Ion Ratio Lower Upper

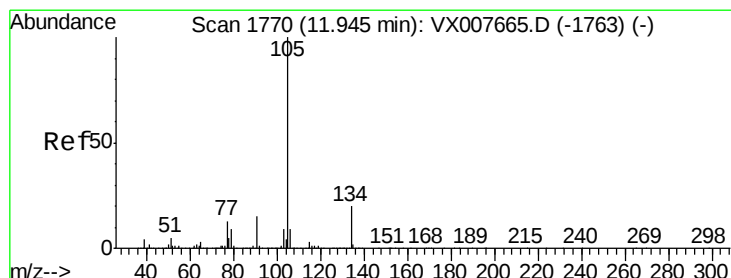
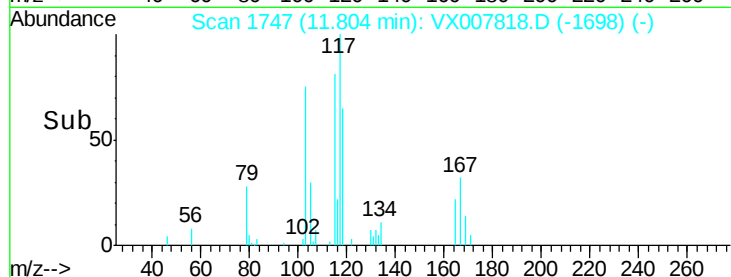
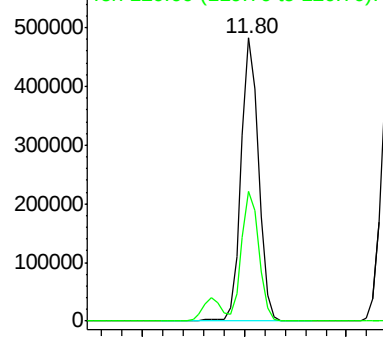
105 100

120 45.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 47.415 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007818.D

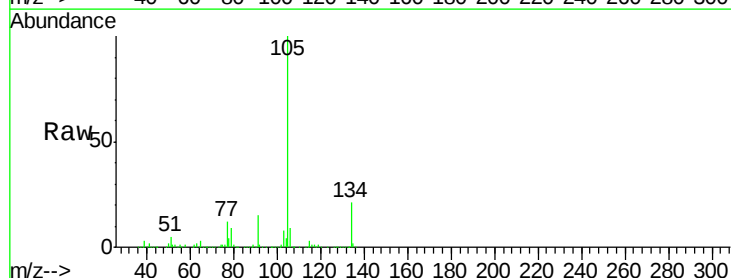
Acq: 04 Mar 2019 18:35

Tgt Ion:105 Resp: 673196

Ion Ratio Lower Upper

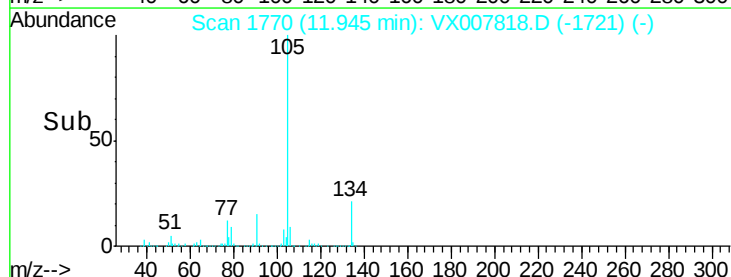
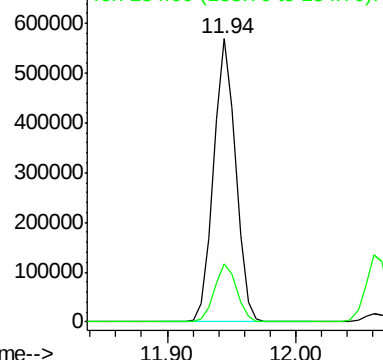
105 100

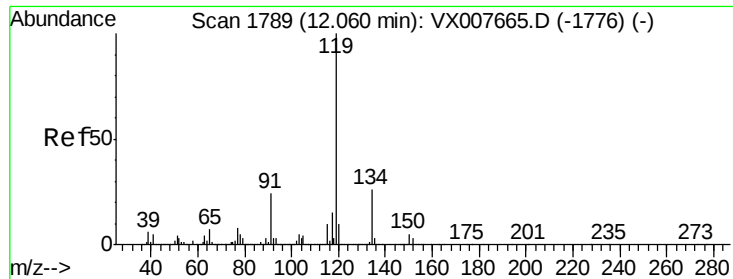
134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

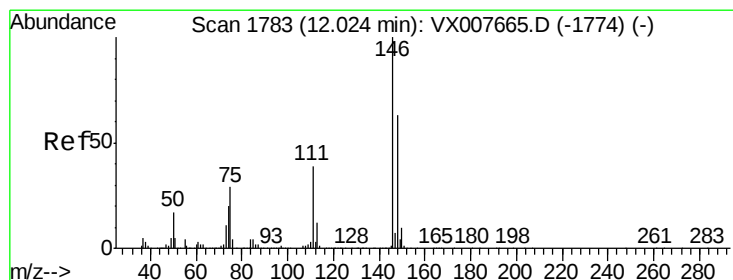
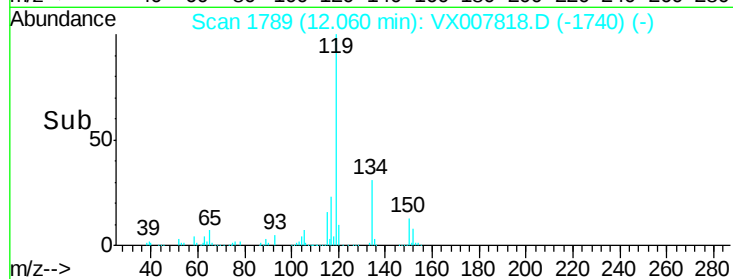
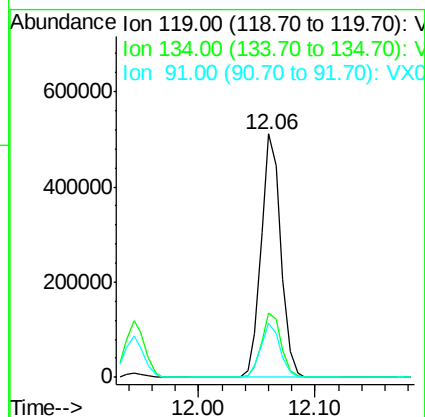
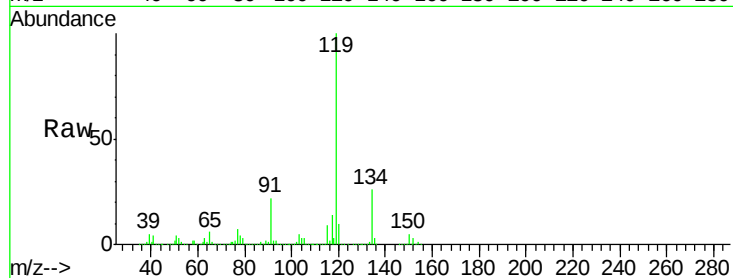




#86
 p-Isopropyltoluene
 Concen: 48.420 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

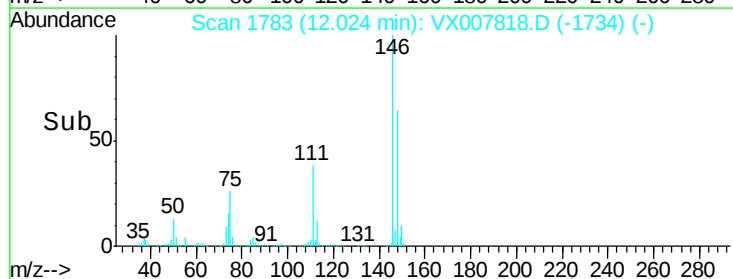
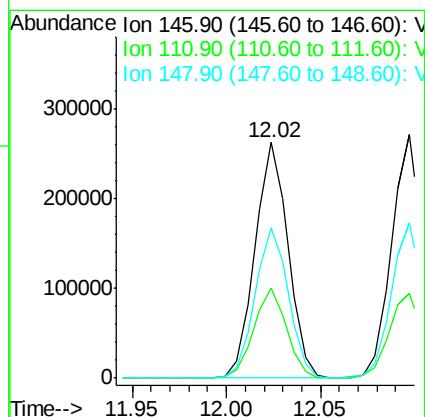
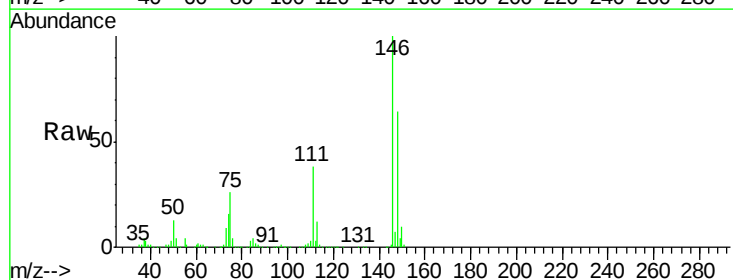
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

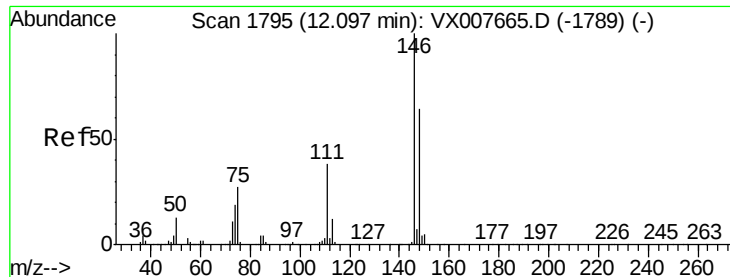
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.7	41.1
91	21.8	11.2	33.5



#87
 1,3-Dichlorobenzene
 Concen: 48.032 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.2	32.0	96.2





#88

1,4-Dichlorobenzene

Concen: 46.813 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

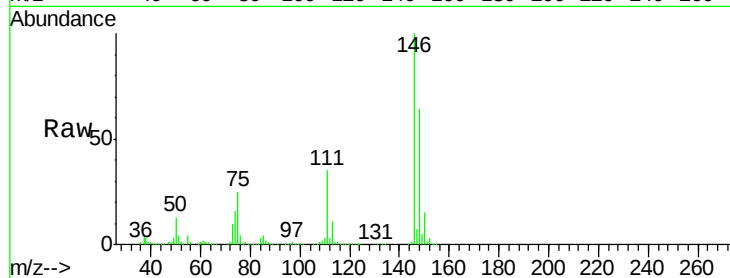
MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

Tot Ion:146 Resp: 319997

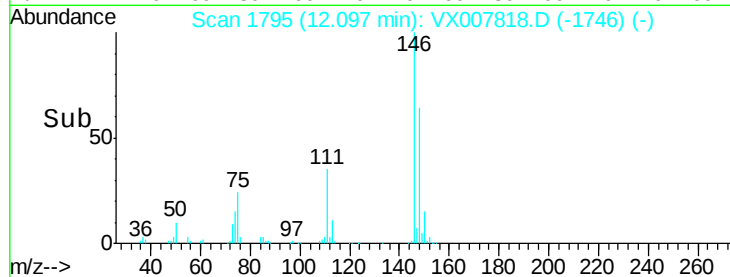
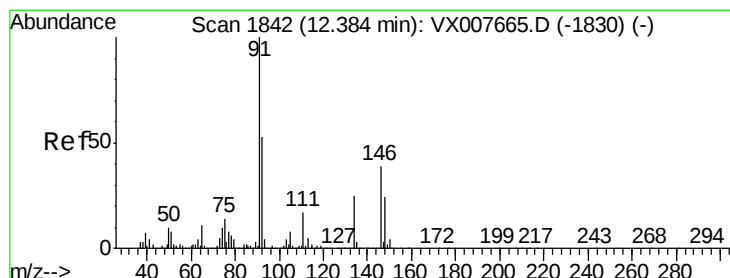
Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.6	32.3	96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

#89

n-Butylbenzene

Concen: 44.783 ug/l

RT: 12.38 min Scan# 1842

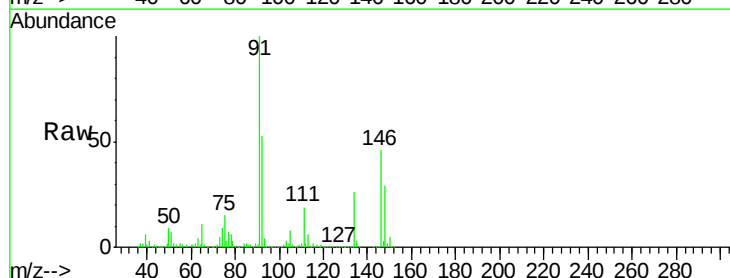
Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Tgt Ion: 91 Resp: 496592

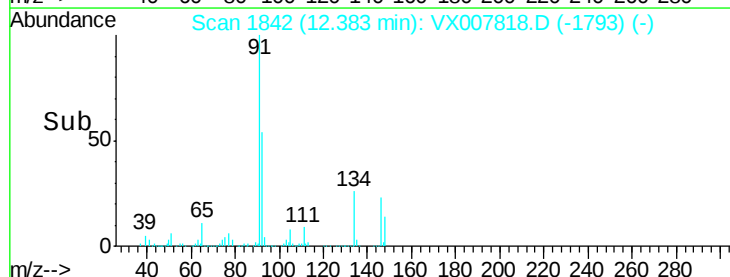
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.3	78.9
134	27.4	13.9	41.6

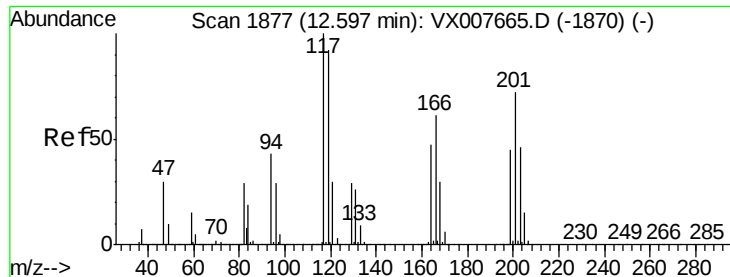


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.320 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

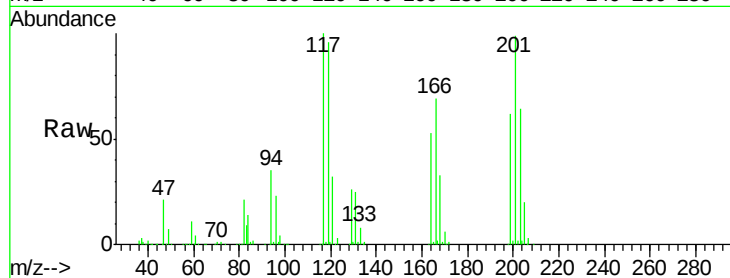
BP-VPB201-GW-485-487MSD

Tot Ion:117 Resp: 101232

Ion Ratio Lower Upper

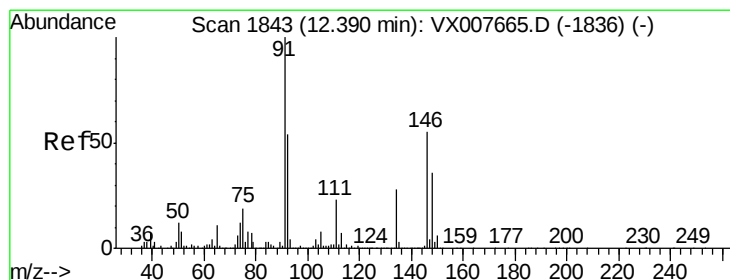
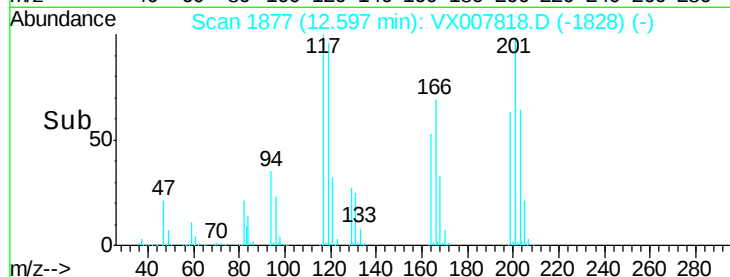
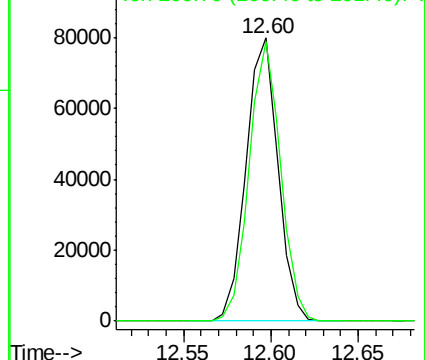
117 100

201 96.9 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.186 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

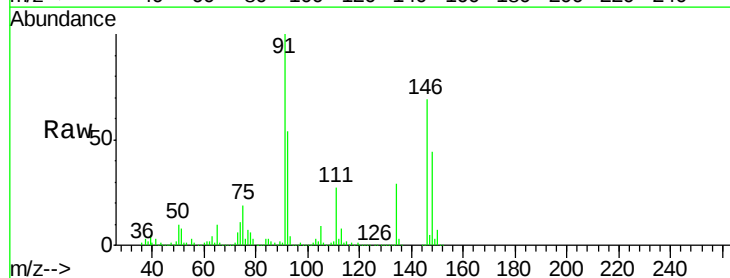
Tgt Ion:146 Resp: 321800

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

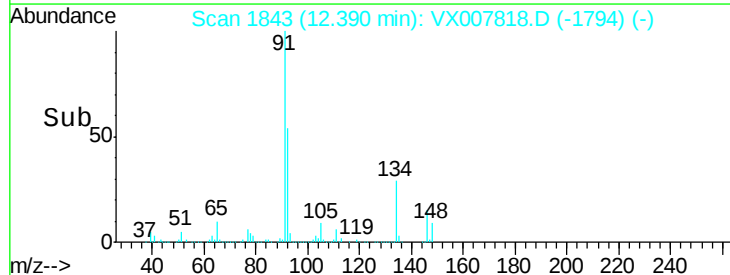
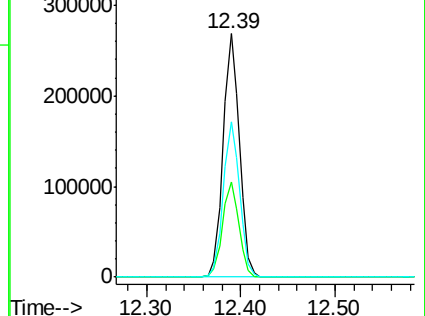
148 63.9 32.1 96.3

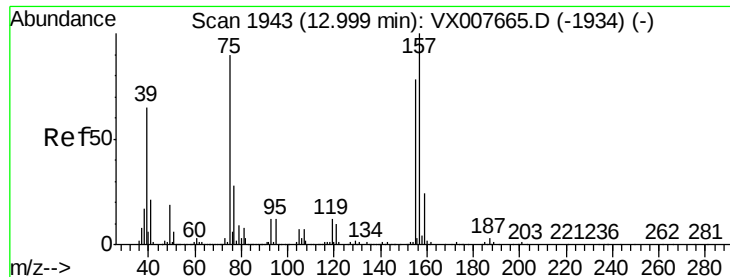


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

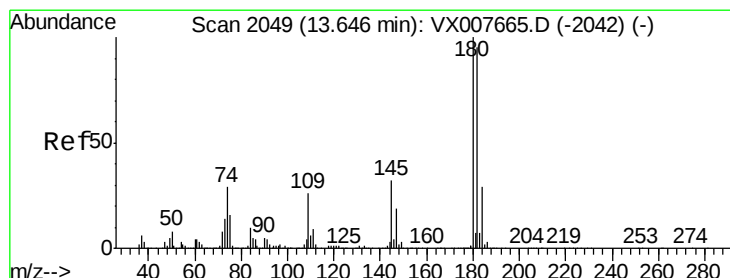
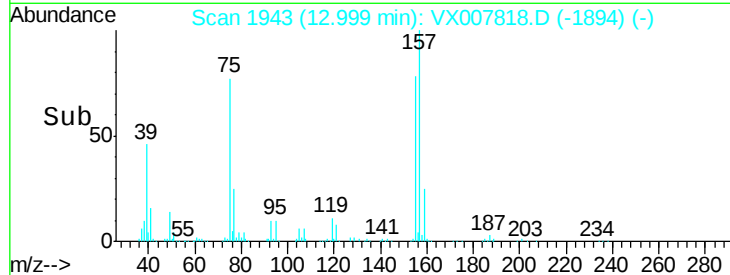
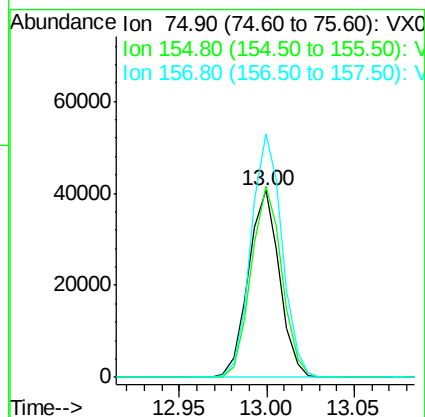
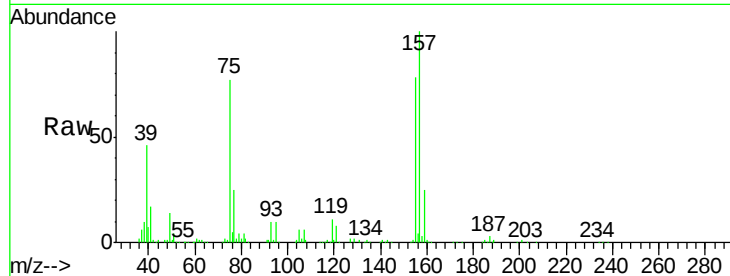




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.189 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

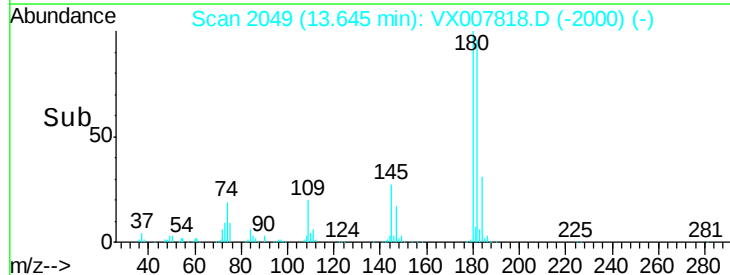
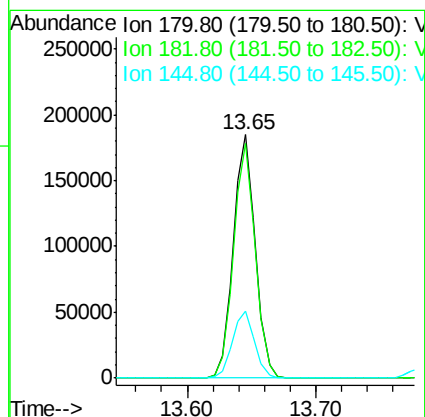
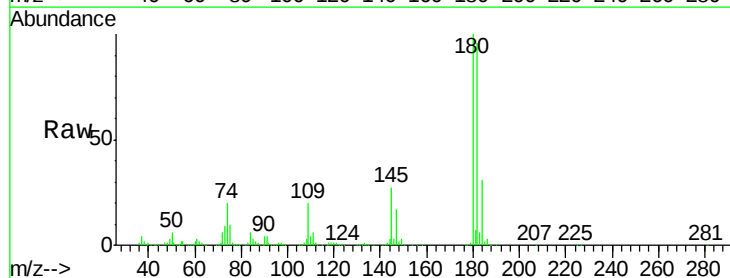
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

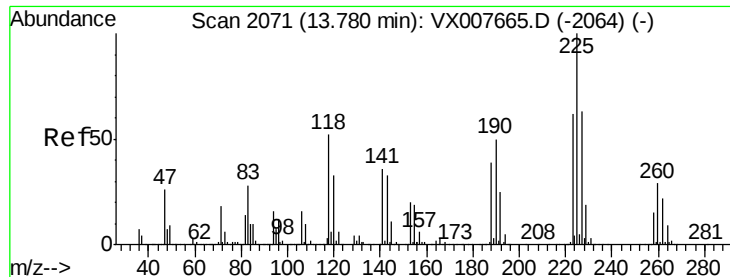
Tot Ion: 75 Resp: 49936
 Ion Ratio Lower Upper
 75 100
 155 101.3 49.6 149.0
 157 130.7 65.1 195.3



#93
 1,2,4-Trichlorobenzene
 Concen: 54.120 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Tgt Ion: 180 Resp: 220622
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.3
 145 27.9 14.1 42.2





#94

Hexachlorobutadiene

Concen: 60.355 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MSD

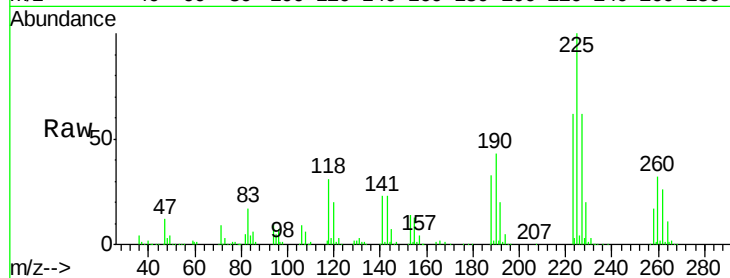
Tot Ion:225 Resp: 112554

Ion Ratio Lower Upper

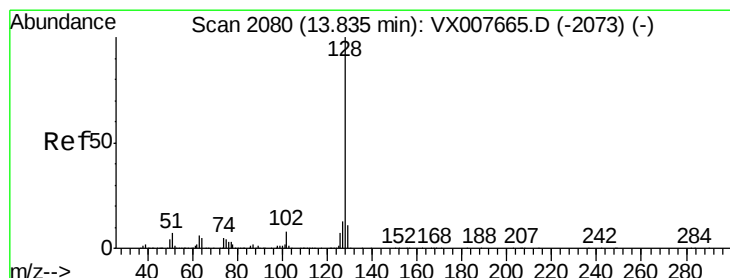
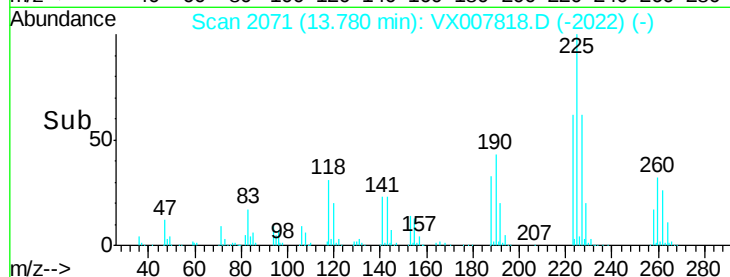
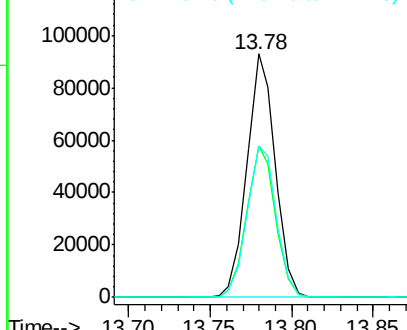
225 100

223 62.7 31.6 94.8

227 64.4 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.621 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007818.D

Acq: 04 Mar 2019 18:35

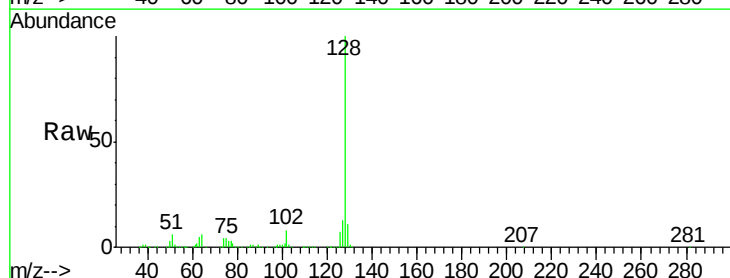
Tgt Ion:128 Resp: 681770

Ion Ratio Lower Upper

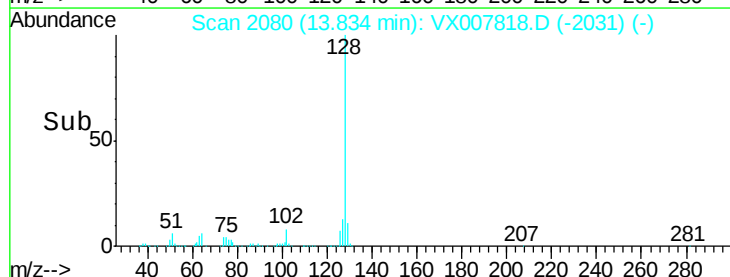
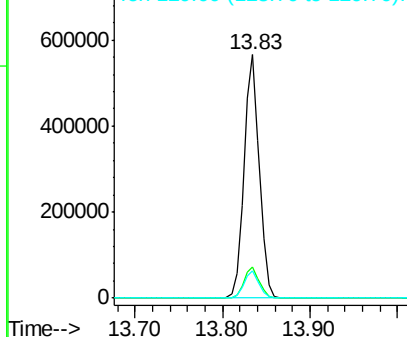
128 100

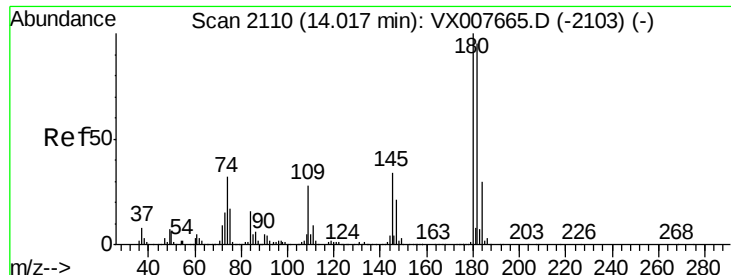
127 12.8 10.5 15.7

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

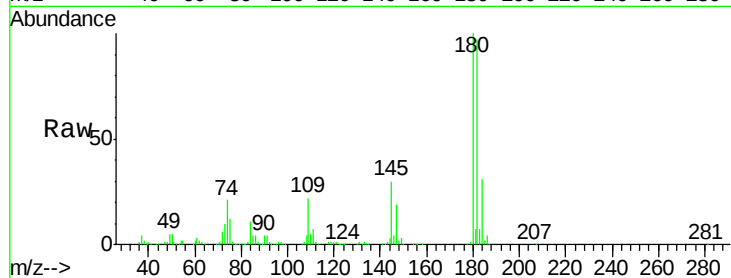




#96
 1,2,3-Trichlorobenzene
 Concen: 54.491 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007818.D
 Acq: 04 Mar 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	29.5	14.9	44.5



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

