

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030719\
 Data File : VX007918.D
 Acq On : 08 Mar 2019 07:23
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 08 08:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 06:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	255176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168840	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137771	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.51	113	121774	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.71	98	459904	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.13	95	163063	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	103379	47.419	ug/l	100
3) Chloromethane	1.33	50	145052	51.629	ug/l	99
4) Vinyl Chloride	1.41	62	141864	50.819	ug/l	100
5) Bromomethane	1.64	94	65320	49.858	ug/l	97
6) Chloroethane	1.72	64	88185	47.552	ug/l	97
7) Trichlorofluoromethane	1.93	101	178374	49.077	ug/l	98
8) Diethyl Ether	2.19	74	80555	51.183	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104605	46.444	ug/l	100
10) Methyl Iodide	2.51	142	172617	54.023	ug/l	100
11) Tert butyl alcohol	3.07	59	155166	257.755	ug/l	100
12) 1,1-Dichloroethene	2.38	96	108164	49.821	ug/l	95
13) Acrolein	2.30	56	70606	207.519	ug/l	99
14) Allyl chloride	2.73	41	217634	47.705	ug/l	99
15) Acrylonitrile	3.15	53	384586	253.103	ug/l	100
16) Acetone	2.45	43	321279	206.204	ug/l	98
17) Carbon Disulfide	2.57	76	330745	50.168	ug/l	100
18) Methyl Acetate	2.78	43	181132	54.722	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	387070	51.824	ug/l	100
20) Methylene Chloride	2.86	84	125666	50.678	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	116446	48.745	ug/l	99
22) Diisopropyl ether	3.87	45	424416	50.751	ug/l	99
23) Vinyl Acetate	3.82	43	1826017	248.996	ug/l	100
24) 1,1-Dichloroethane	3.70	63	227598	50.573	ug/l	100
25) 2-Butanone	4.70	43	530588	240.540	ug/l	100
26) 2,2-Dichloropropane	4.59	77	94384	31.656	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	135184	49.453	ug/l	97
28) Bromochloromethane	5.02	49	113352	54.025	ug/l	100
29) Tetrahydrofuran	5.15	42	354031	257.306	ug/l	100
30) Chloroform	5.21	83	214853	50.469	ug/l	100
31) Cyclohexane	5.57	56	199637	48.266	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	179075	50.699	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160931	46.958	ug/l	99
37) Ethyl Acetate	4.85	43	199080	48.950	ug/l	99
38) Carbon Tetrachloride	5.78	117	156504	48.102	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	189609	45.659	ug/l	99
40) Benzene	6.14	78	505600	49.555	ug/l	100
41) Methacrylonitrile	5.06	41	111268	50.181	ug/l	99
42) 1,2-Dichloroethane	6.20	62	164197	49.210	ug/l	100
43) Isopropyl Acetate	6.46	43	306498	50.922	ug/l	100
44) Trichloroethene	7.21	130	136241	48.455	ug/l	99
45) 1,2-Dichloropropane	7.52	63	135374	50.236	ug/l	100
46) Dibromomethane	7.66	93	84437	49.512	ug/l	99
47) Bromodichloromethane	7.90	83	162139	50.147	ug/l	98
48) Methyl methacrylate	7.77	41	163102	51.541	ug/l	99
49) 1,4-Dioxane	7.75	88	64994	999.809	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1004622	259.537	ug/l	100
52) Toluene	8.79	92	314909	50.555	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165020	48.899	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186482	48.933	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130744	51.850	ug/l	99
56) Ethyl methacrylate	9.18	69	203575	53.770	ug/l	98
57) 1,3-Dichloropropane	9.37	76	216292	51.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	537060	274.230	ug/l	99
59) 2-Hexanone	9.49	43	748094	248.931	ug/l	100
60) Dibromochloromethane	9.58	129	136246	51.693	ug/l	98
61) 1,2-Dibromoethane	9.67	107	137365	51.309	ug/l	100
64) Tetrachloroethene	9.33	164	135715	48.640	ug/l	98
65) Chlorobenzene	10.14	112	347943	49.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	127856	50.633	ug/l	100
67) Ethyl Benzene	10.25	91	582699	50.242	ug/l	100
68) m/p-Xylenes	10.36	106	448963	100.431	ug/l	98
69) o-Xylene	10.70	106	220309	51.046	ug/l	99
70) Styrene	10.71	104	362267	51.295	ug/l	99
71) Bromoform	10.86	173	109527	50.508	ug/l #	100
73) Isopropylbenzene	11.02	105	584560	51.192	ug/l	100
74) N-amyl acetate	10.90	43	263896	50.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191725	48.676	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	214167	60.448	ug/l	89
77) Bromobenzene	11.26	156	155101	49.542	ug/l	99
78) n-propylbenzene	11.36	91	643378	50.788	ug/l	100
79) 2-Chlorotoluene	11.42	91	387713	50.057	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	480806	51.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48447	43.709	ug/l	97
82) 4-Chlorotoluene	11.51	91	442248	49.823	ug/l	100
83) tert-Butylbenzene	11.77	119	484214	51.148	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	490777	50.939	ug/l	99
85) sec-Butylbenzene	11.94	105	569819	51.106	ug/l	99
86) p-Isopropyltoluene	12.07	119	511741	51.249	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	268907	48.552	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	268391	47.318	ug/l	100
89) n-Butylbenzene	12.39	91	424364	50.163	ug/l	99
90) Hexachloroethane	12.60	117	85298	51.091	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	268834	48.860	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39820	48.374	ug/l	98

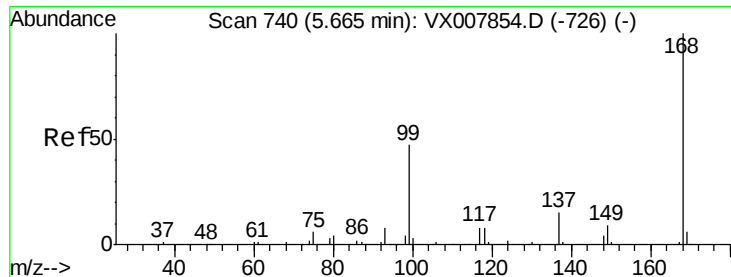
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190738	49.347	ug/l	100
94) Hexachlorobutadiene	13.78	225	100507	49.735	ug/l	99
95) Naphthalene	13.83	128	577336	51.839	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192084	49.886	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

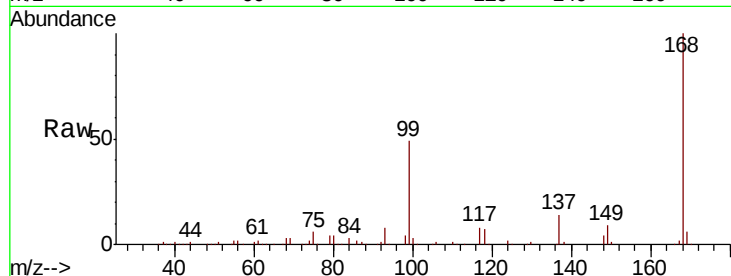
VSTDCCC050EC

Tgt Ion:168 Resp: 255176

Ion Ratio Lower Upper

168 100

99 48.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

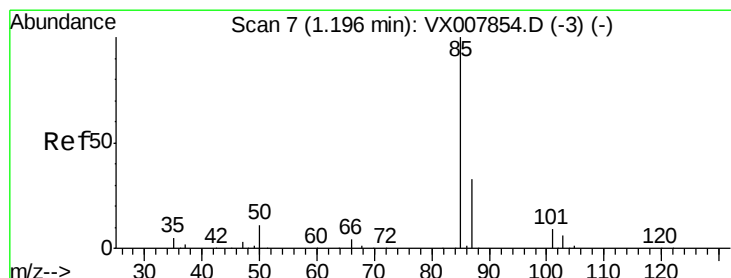
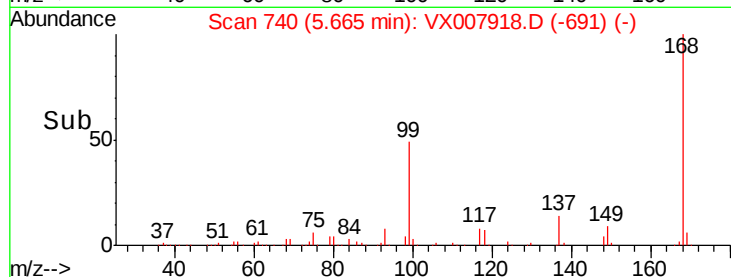
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.419 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007918.D

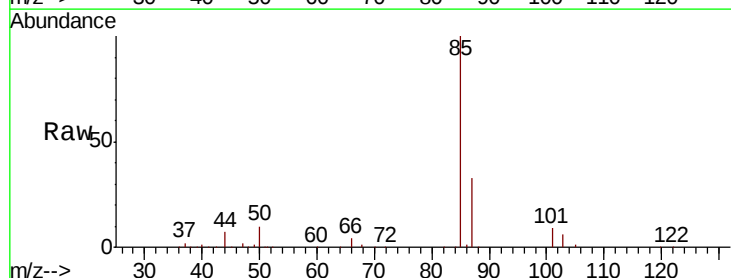
Acq: 08 Mar 2019 07:23

Tgt Ion: 85 Resp: 103379

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

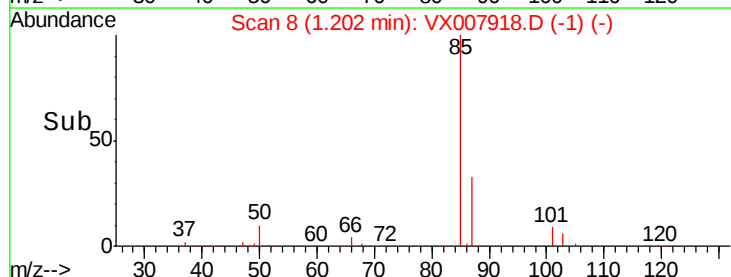
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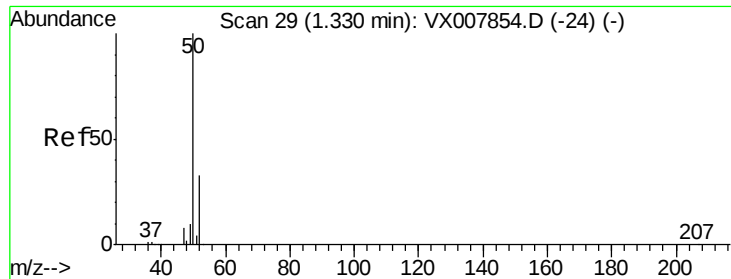
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 51.629 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

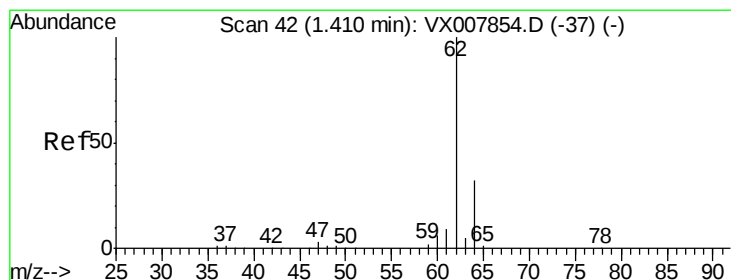
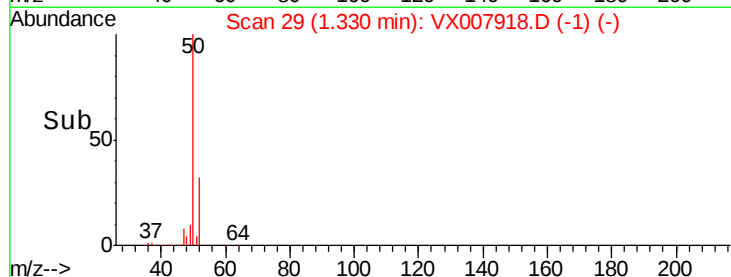
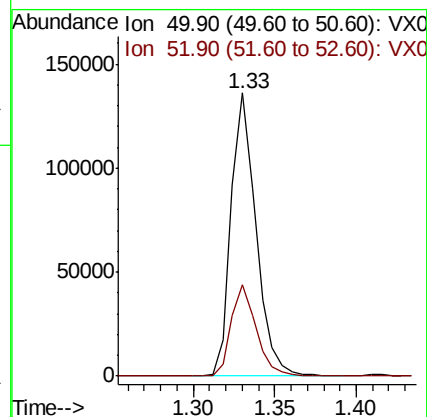
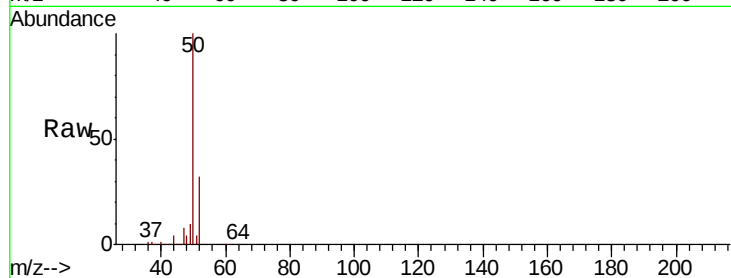
VSTDCCC050EC

Tgt Ion: 50 Resp: 145052

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 50.819 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007918.D

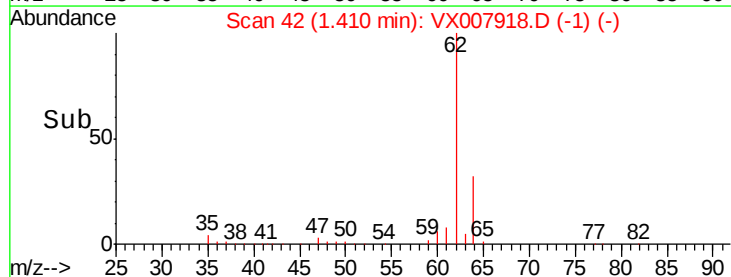
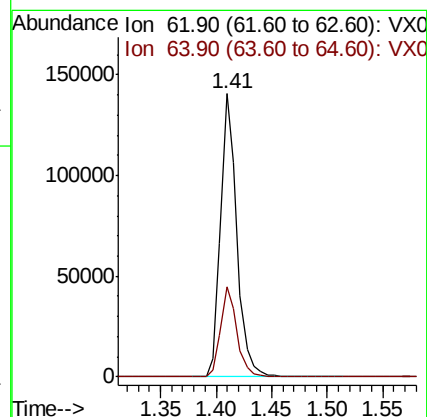
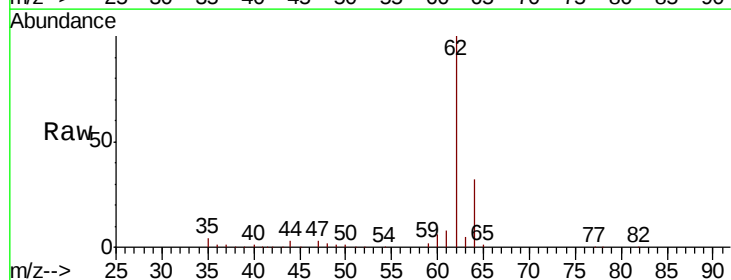
Acq: 08 Mar 2019 07:23

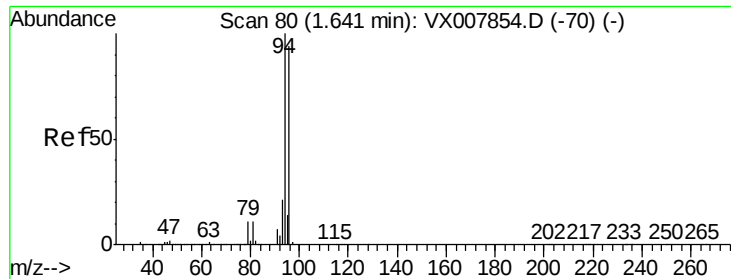
Tgt Ion: 62 Resp: 141864

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9

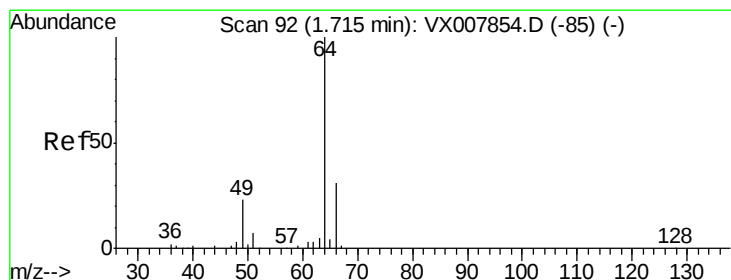
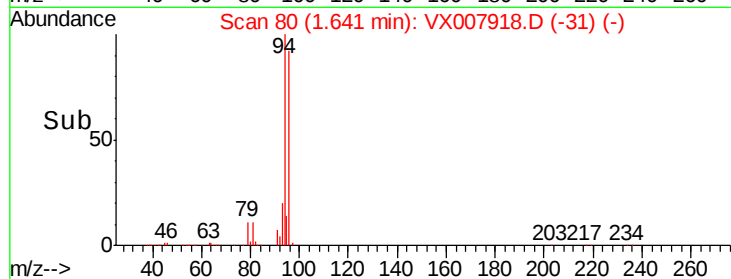
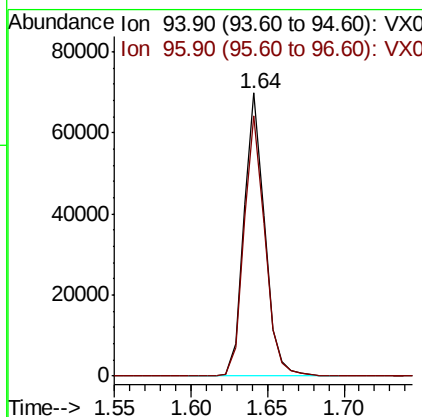
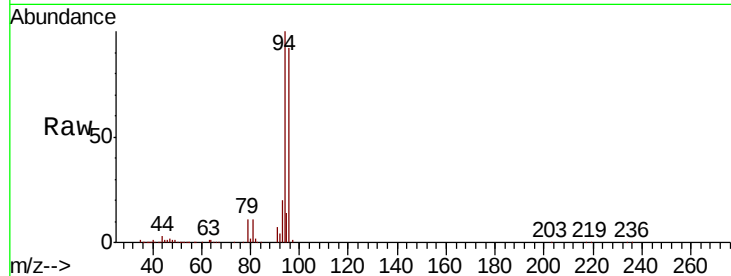




#5
Bromomethane
Concen: 49.858 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

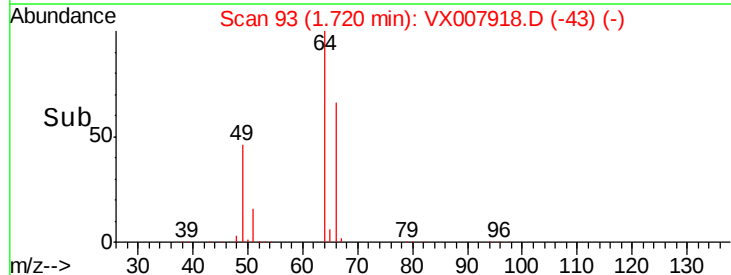
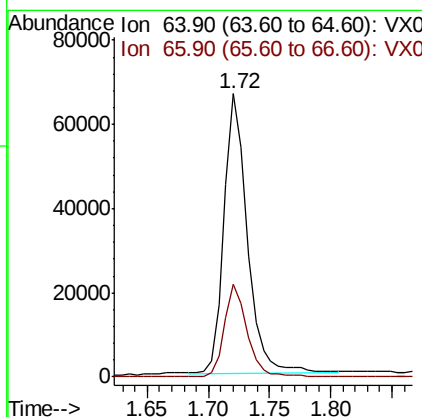
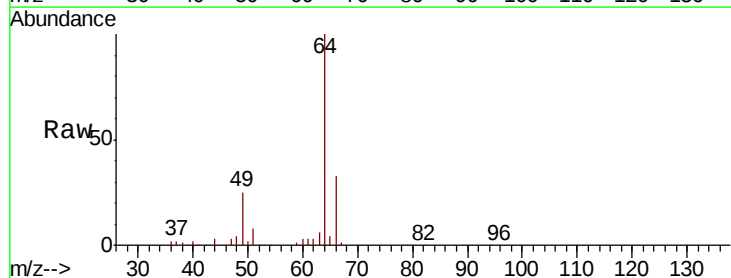
Instrument :
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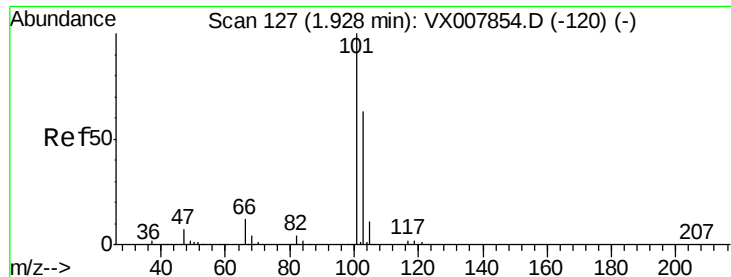
Tgt Ion: 94 Resp: 65320
Ion Ratio Lower Upper
94 100
96 91.9 75.5 113.3



#6
Chloroethane
Concen: 47.552 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion: 64 Resp: 88185
Ion Ratio Lower Upper
64 100
66 32.9 25.2 37.8



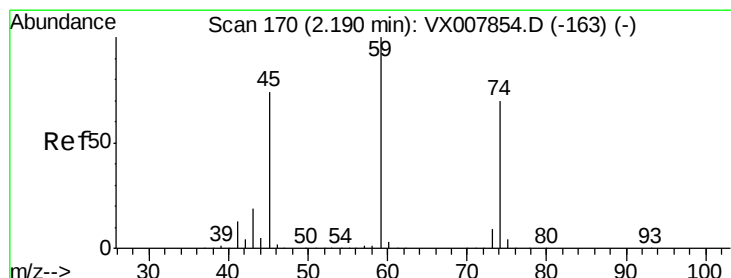
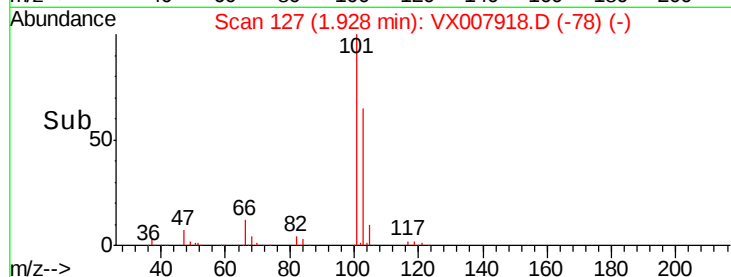
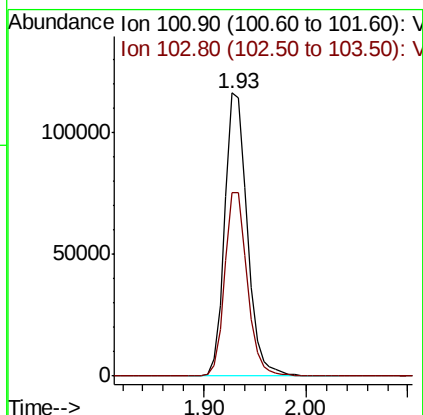
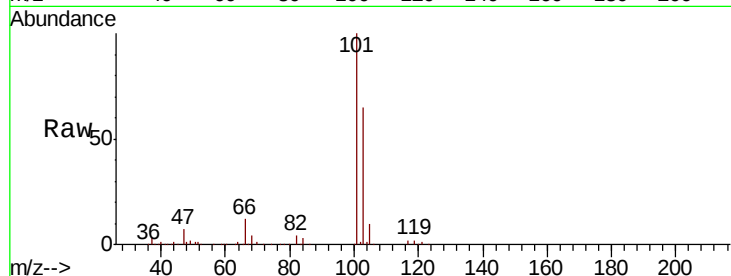


#7

Trichlorofluoromethane
 Concen: 49.077 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

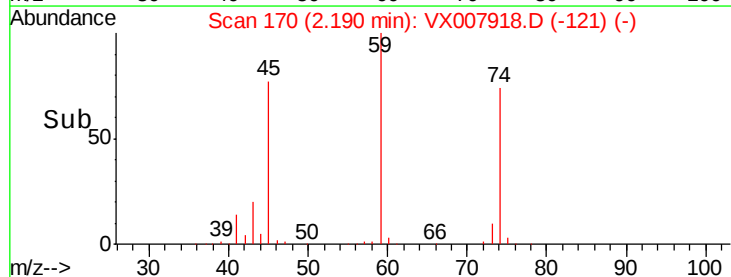
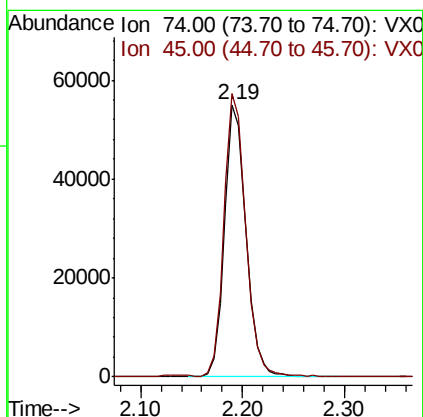
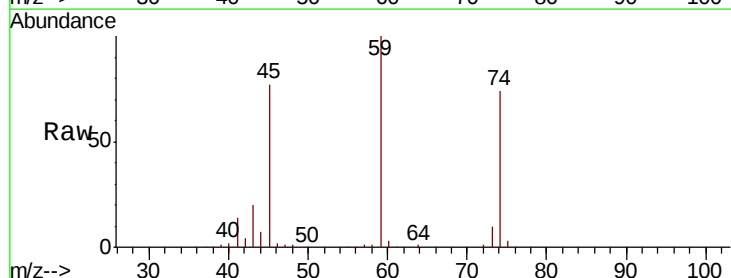
Tgt Ion:101 Resp: 178374
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.4 75.6

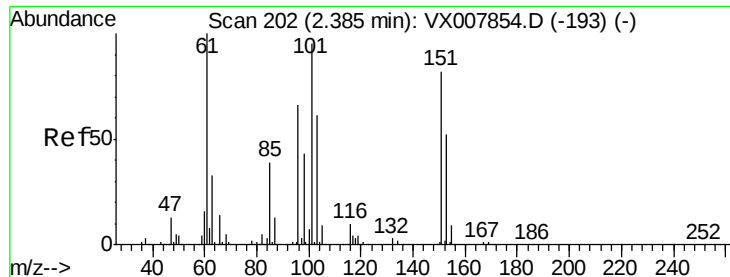


#8

Diethyl Ether
 Concen: 51.183 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Tgt Ion: 74 Resp: 80555
 Ion Ratio Lower Upper
 74 100
 45 104.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.444 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

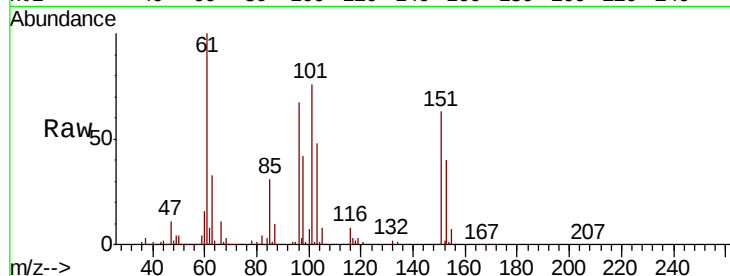
Tgt Ion:101 Resp: 104605

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.6

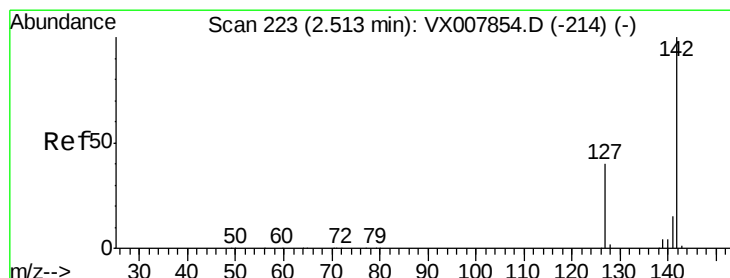
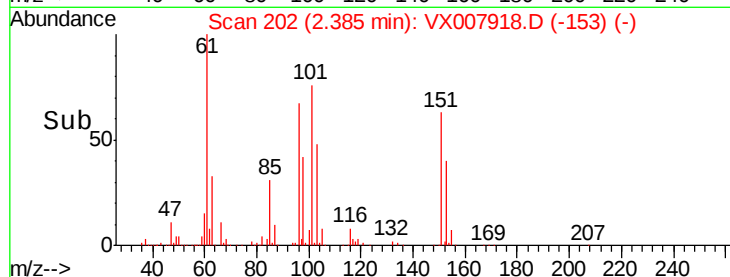
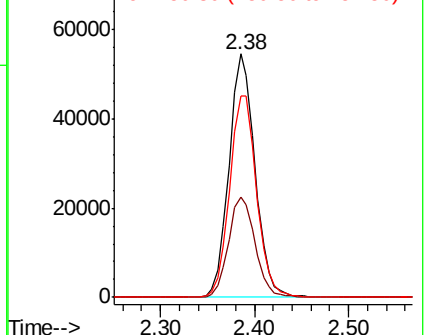
151 86.0 69.1 103.7



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: 54.023 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

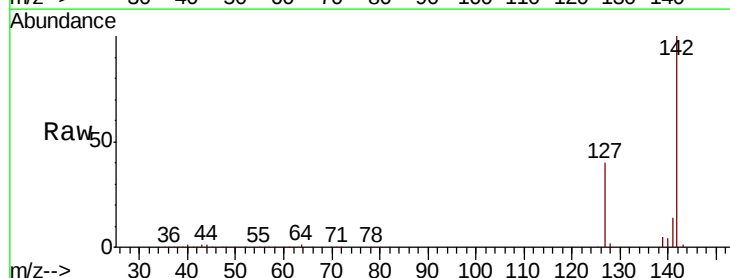
Tgt Ion:142 Resp: 172617

Ion Ratio Lower Upper

142 100

127 40.1 32.1 48.1

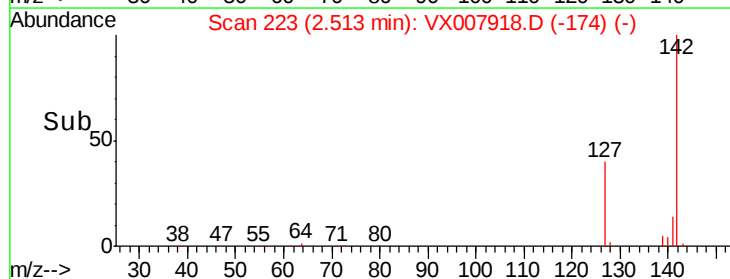
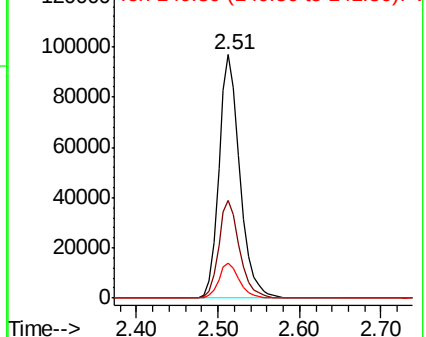
141 14.2 11.4 17.2

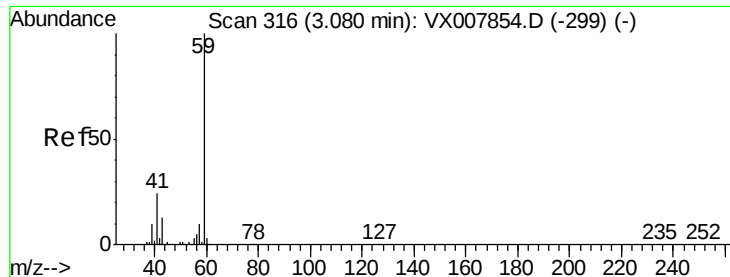


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 257.755 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

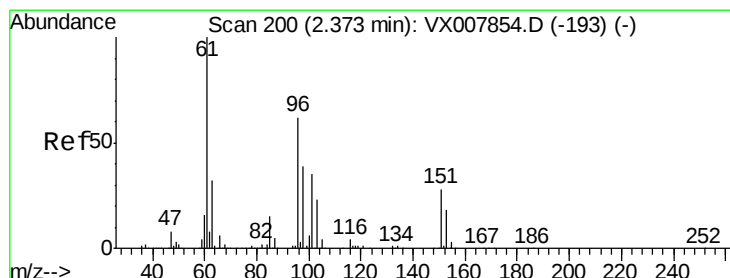
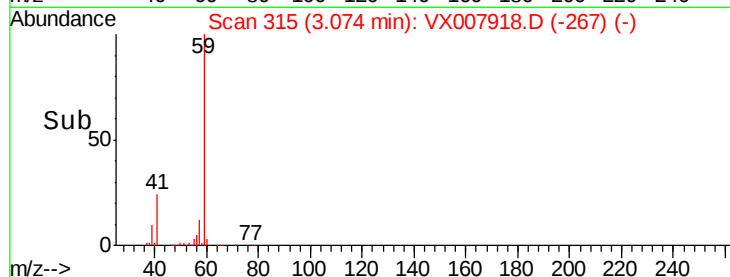
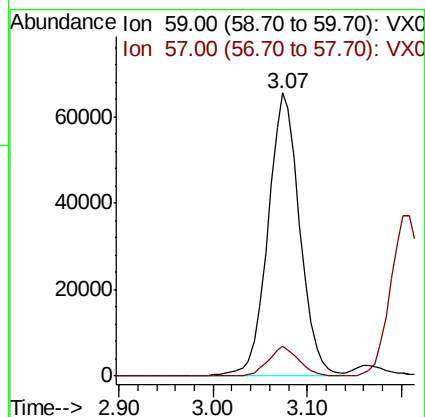
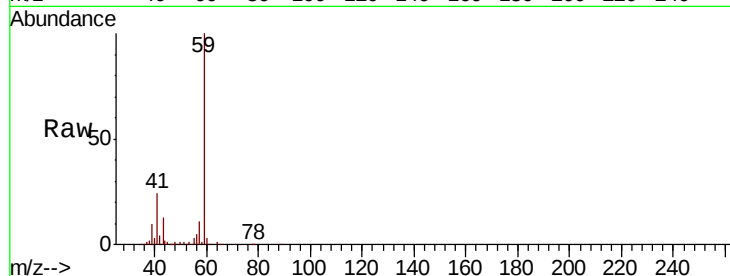
VSTDCCC050EC

Tgt Ion: 59 Resp: 155166

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



#12

1,1-Dichloroethene

Concen: 49.821 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

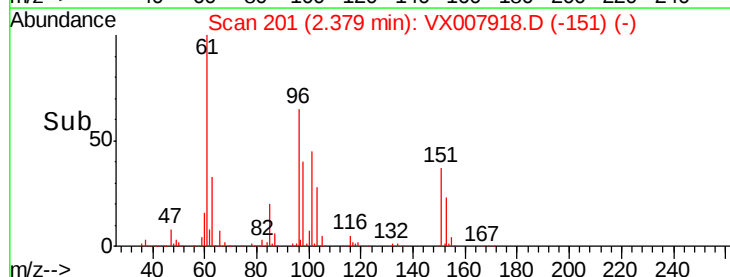
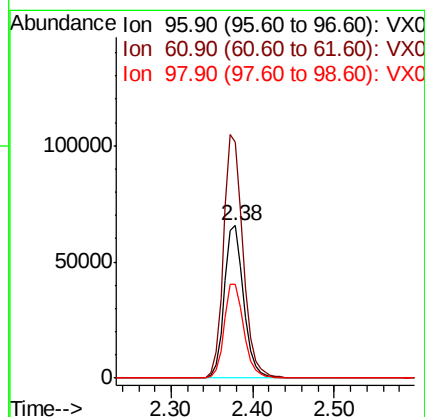
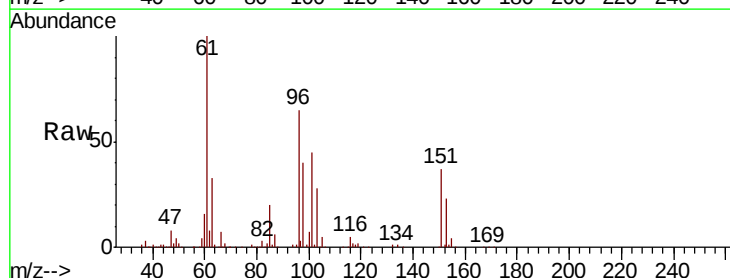
Tgt Ion: 96 Resp: 108164

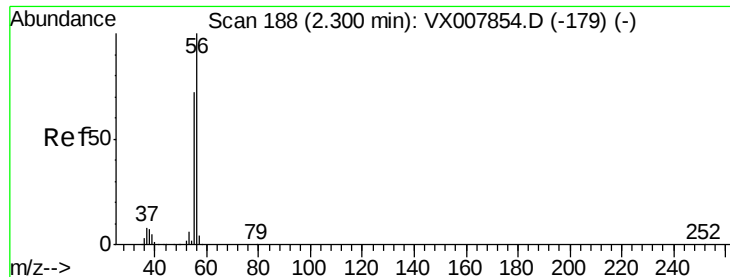
Ion Ratio Lower Upper

96 100

61 154.5 129.8 194.6

98 61.2 51.0 76.6





#13

Acrolein

Concen: 207.519 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

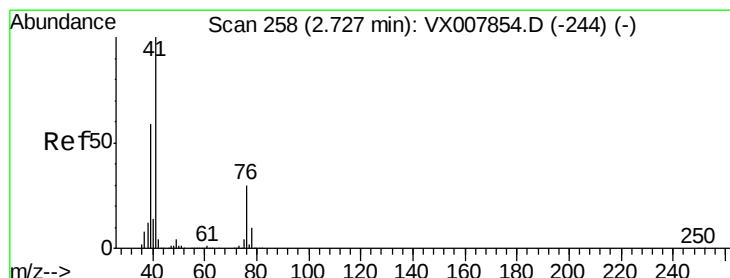
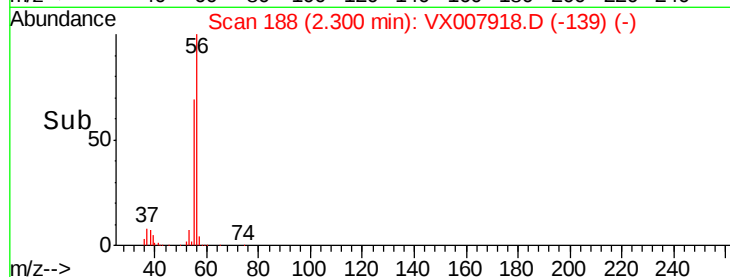
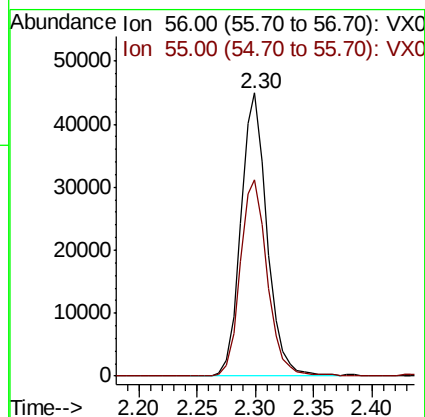
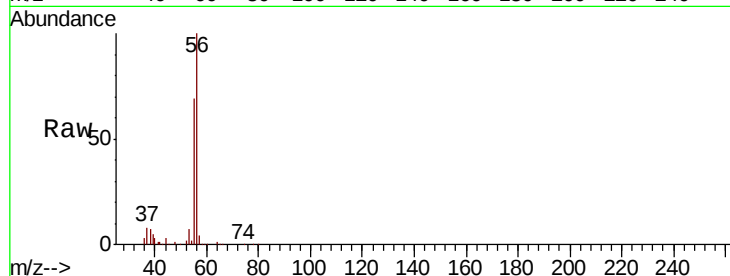
VSTDCCC050EC

Tgt Ion: 56 Resp: 70606

Ion Ratio Lower Upper

56 100

55 71.7 57.8 86.6



#14

Allyl chloride

Concen: 47.705 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

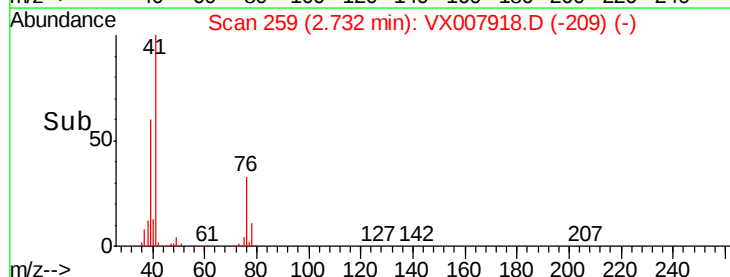
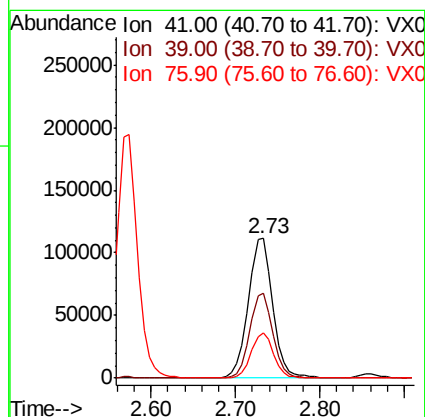
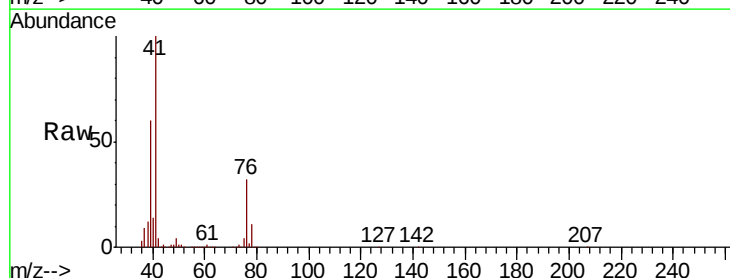
Tgt Ion: 41 Resp: 217634

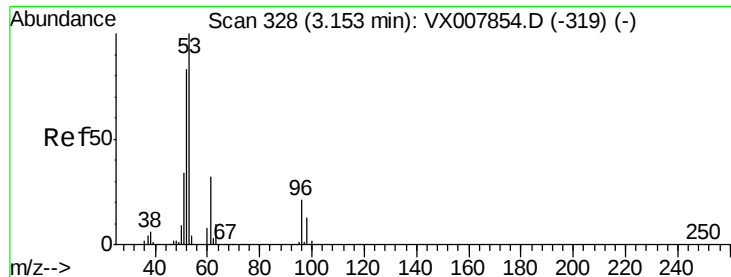
Ion Ratio Lower Upper

41 100

39 56.9 46.1 69.1

76 29.6 24.0 36.0





#15

Acrylonitrile

Concen: 253.103 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

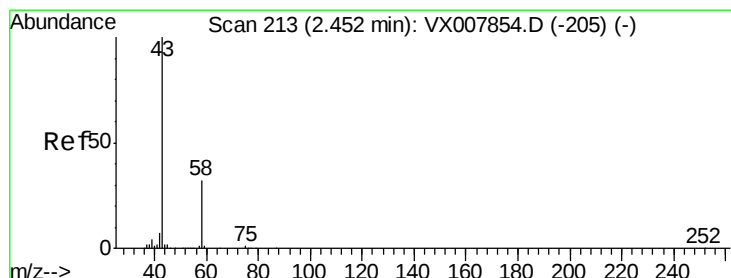
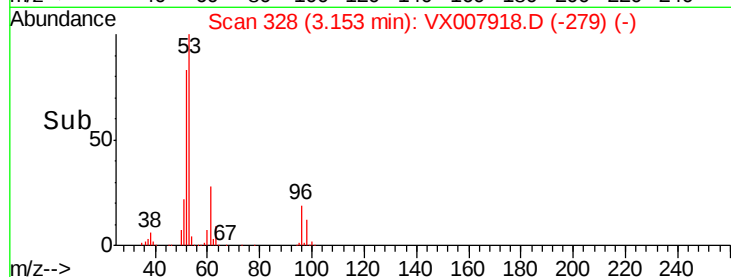
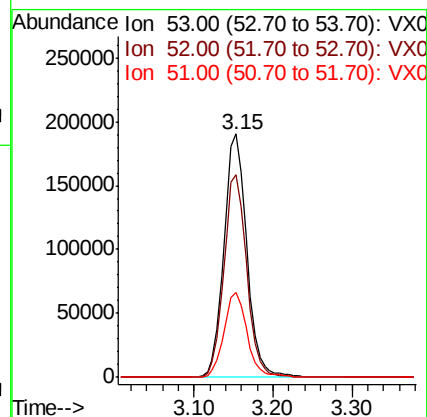
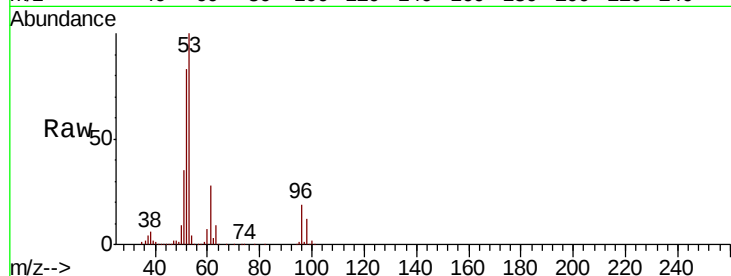
Tgt Ion: 53 Resp: 384586

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

51 35.3 28.0 42.0



#16

Acetone

Concen: 206.204 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007918.D

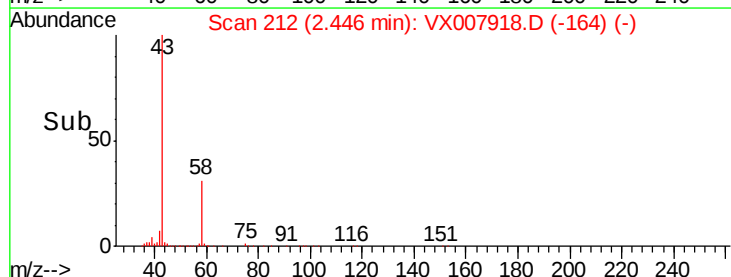
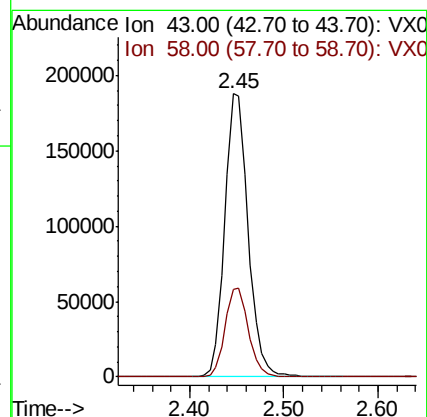
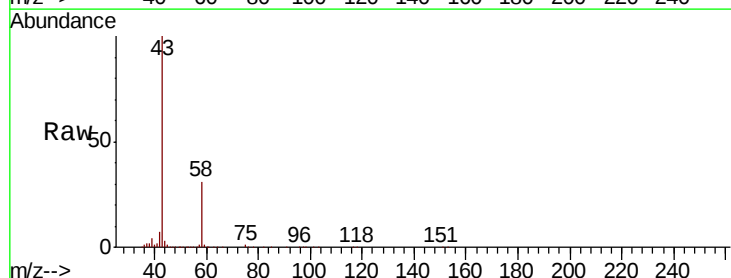
Acq: 08 Mar 2019 07:23

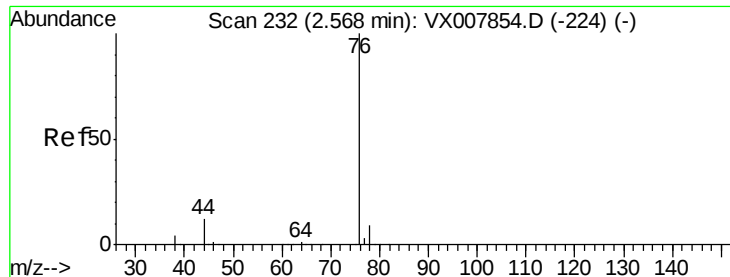
Tgt Ion: 43 Resp: 321279

Ion Ratio Lower Upper

43 100

58 31.0 25.5 38.3

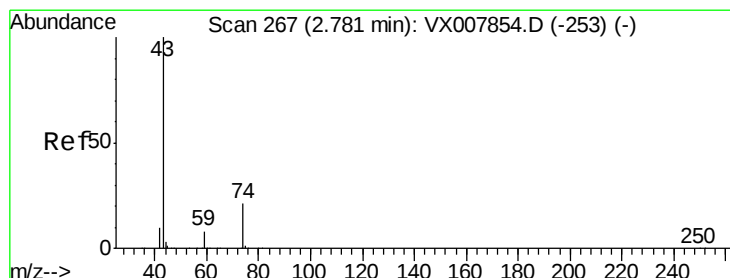
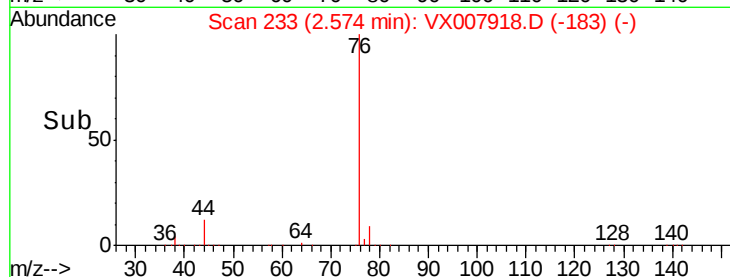
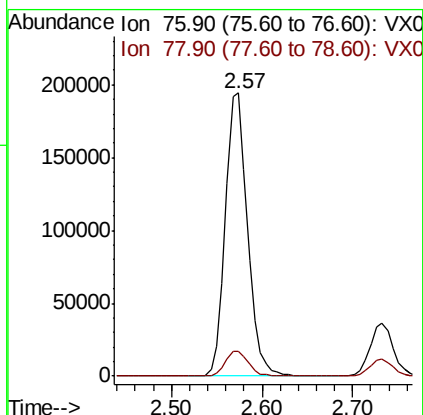
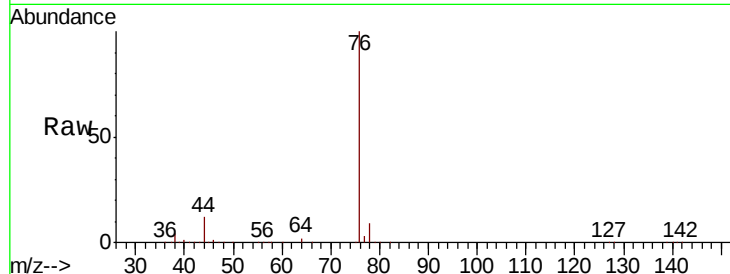




#17
Carbon Disulfide
Concen: 50.168 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

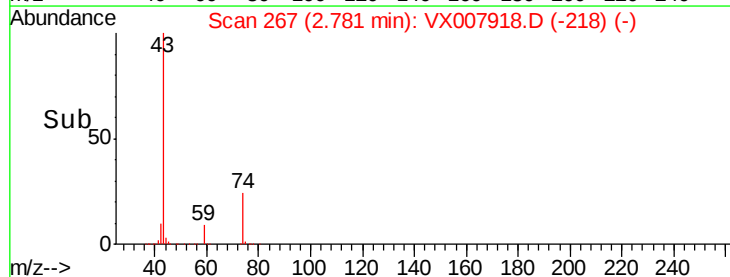
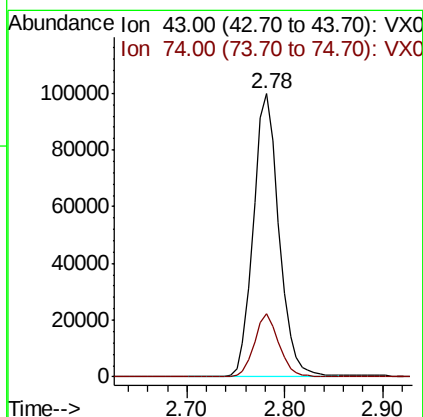
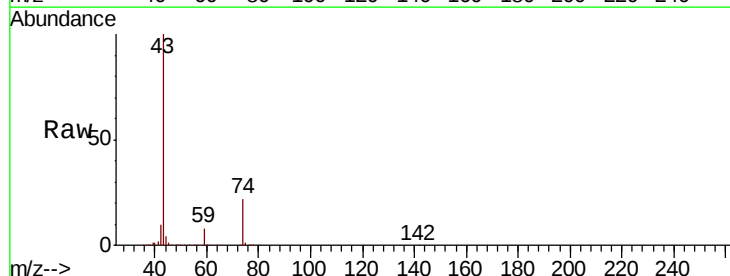
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

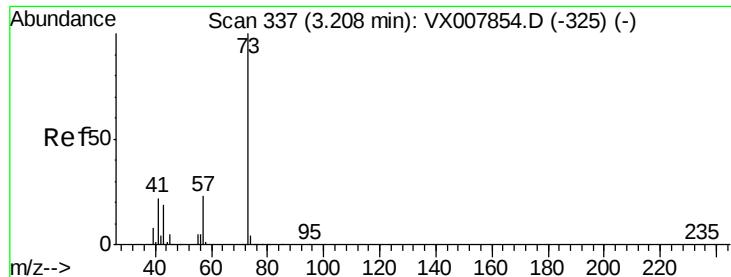
Tgt Ion: 76 Resp: 330745
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 54.722 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion: 43 Resp: 181132
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 51.824 ug/l

RT: 3.21 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

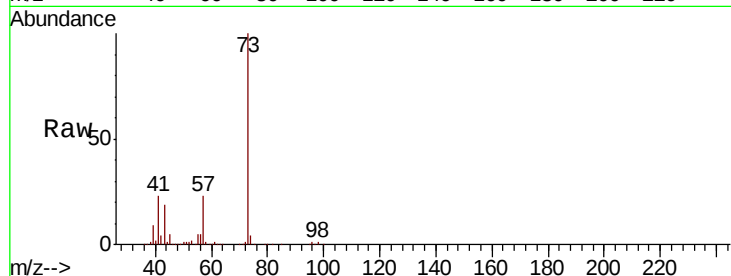
VSTDCCC050EC

Tgt Ion: 73 Resp: 387070

Ion Ratio Lower Upper

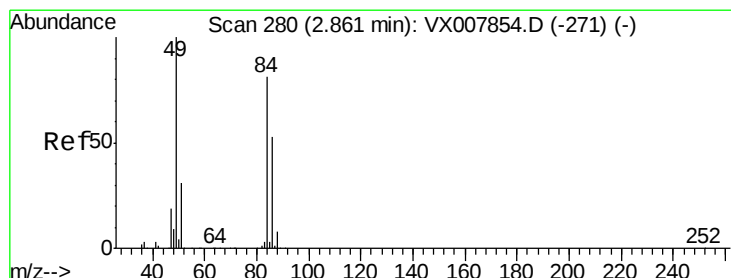
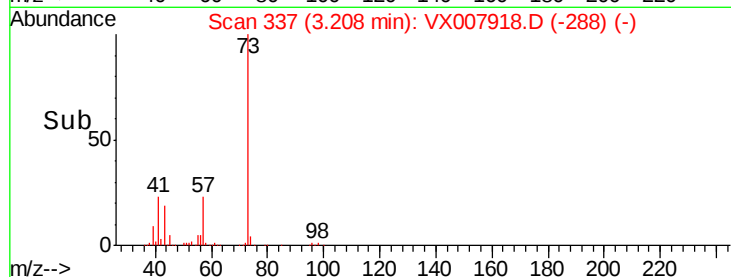
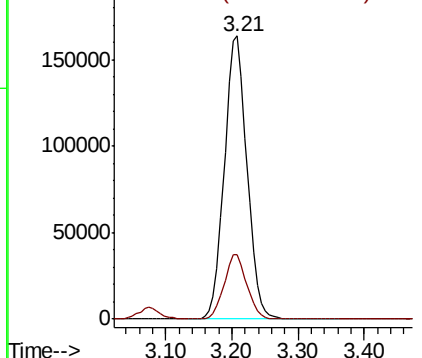
73 100

57 22.8 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 50.678 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Tgt Ion: 84 Resp: 125666

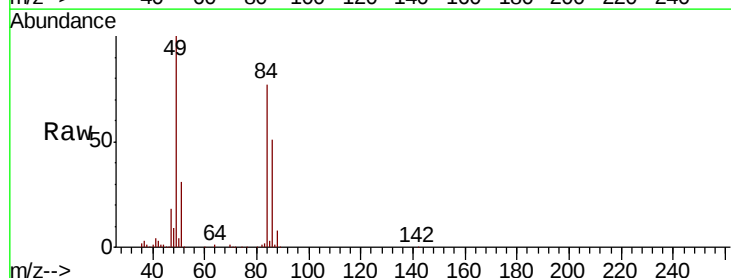
Ion Ratio Lower Upper

84 100

49 129.3 99.3 148.9

51 40.1 31.3 46.9

86 66.2 52.6 79.0

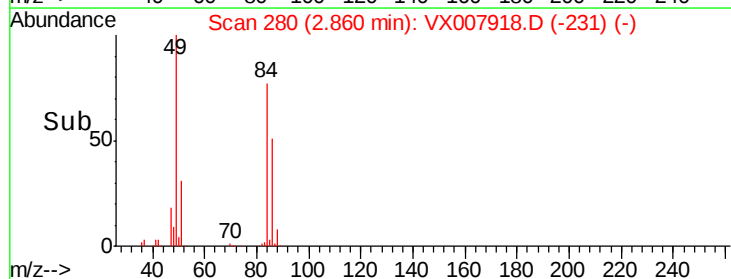
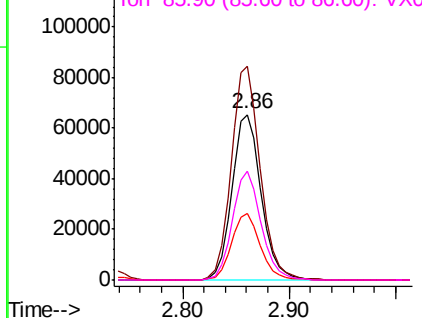


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 48.745 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

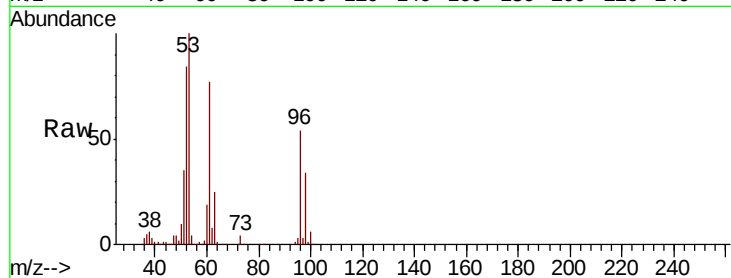
Tgt Ion: 96 Resp: 116446

Ion Ratio Lower Upper

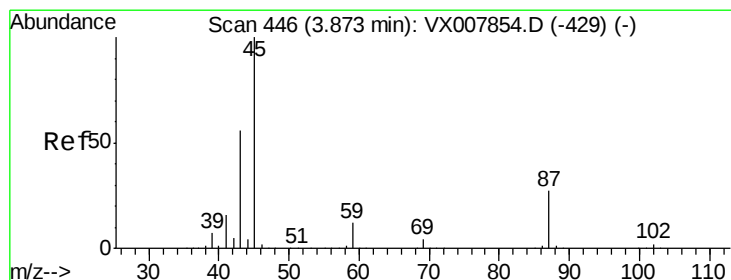
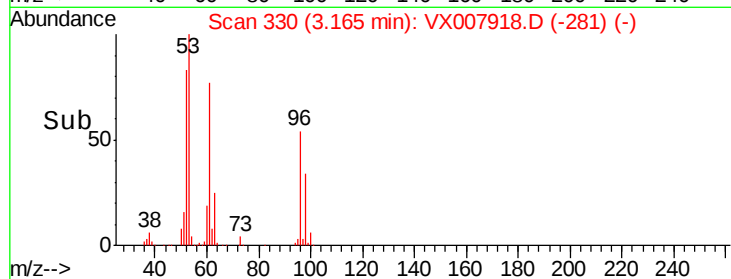
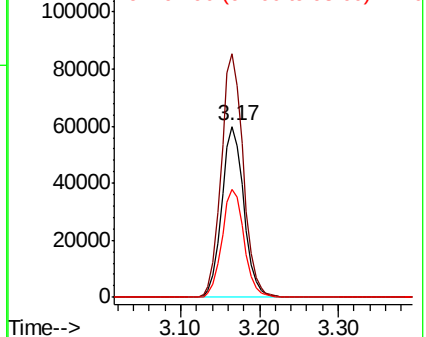
96 100

61 142.7 114.4 171.6

98 62.9 51.1 76.7



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: 50.751 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Tgt Ion: 45 Resp: 424416

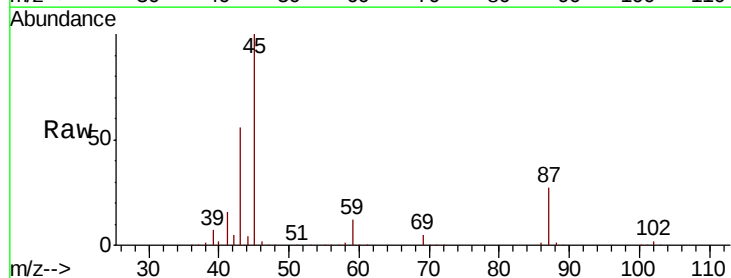
Ion Ratio Lower Upper

45 100

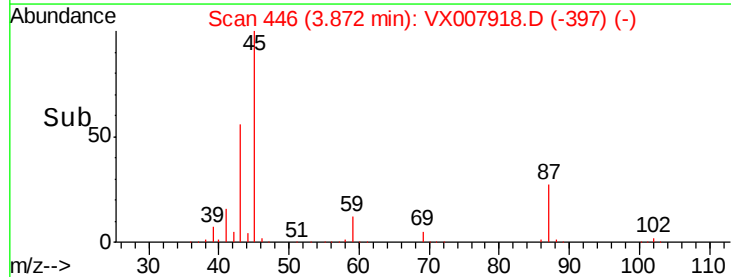
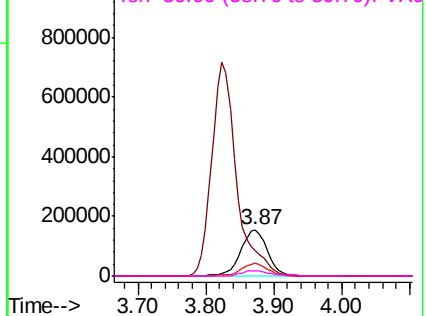
43 55.8 45.3 67.9

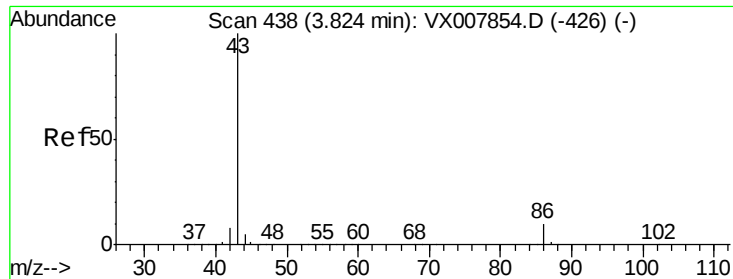
87 26.7 21.4 32.0

59 11.8 9.5 14.3



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: 248.996 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

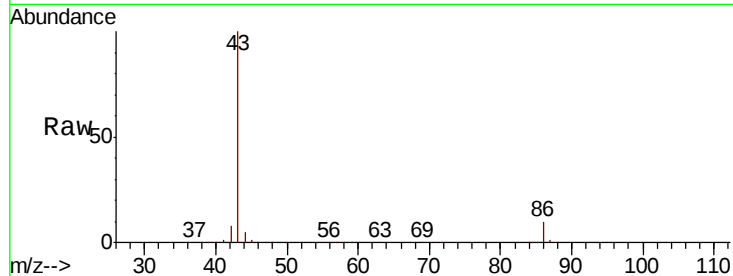
VSTDCCC050EC

Tgt Ion: 43 Resp: 1826017

Ion Ratio Lower Upper

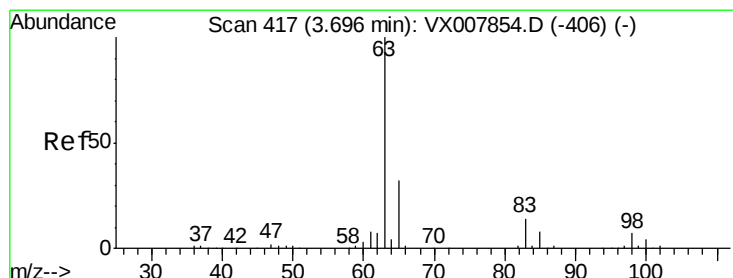
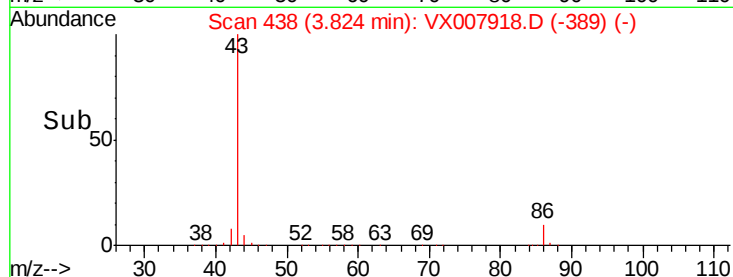
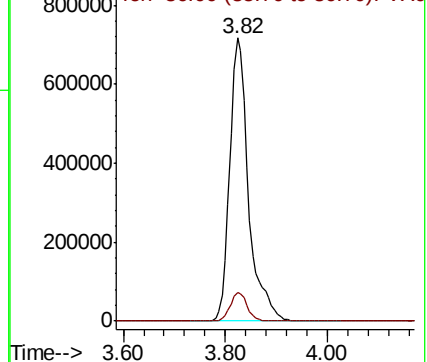
43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.573 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

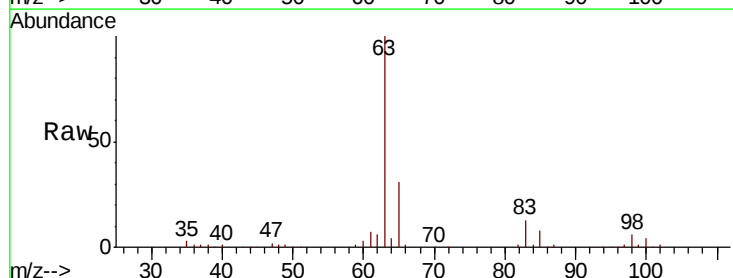
Tgt Ion: 63 Resp: 227598

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

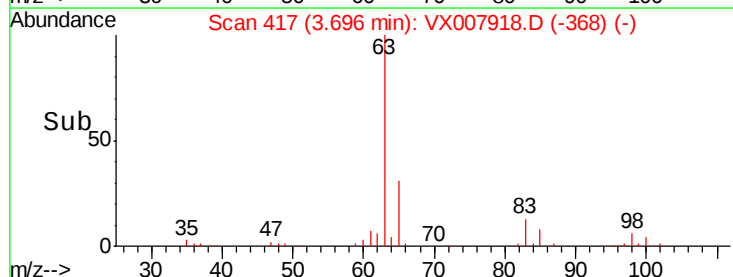
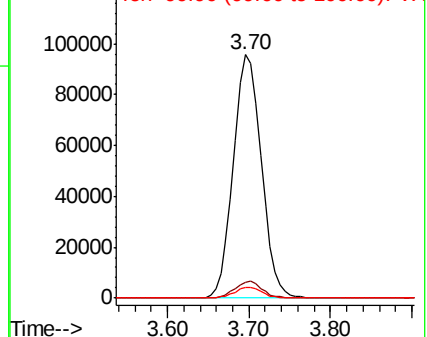
100 4.3 2.3 6.8

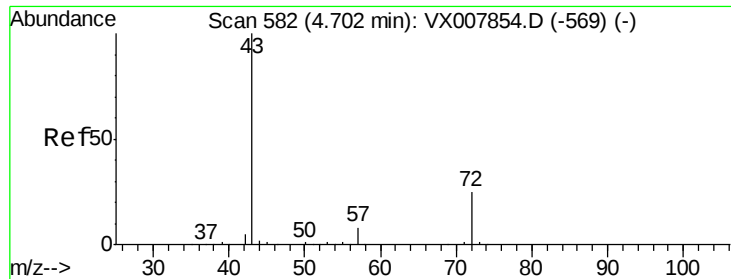


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.540 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

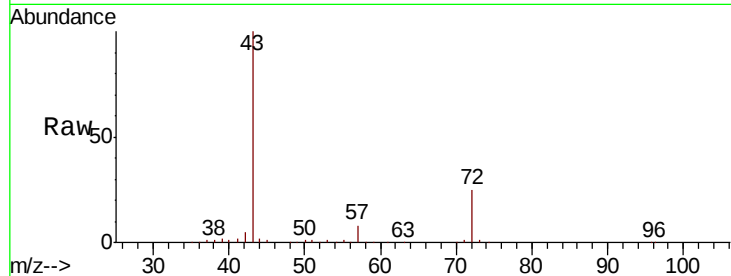
VSTDCCC050EC

Tgt Ion: 43 Resp: 530588

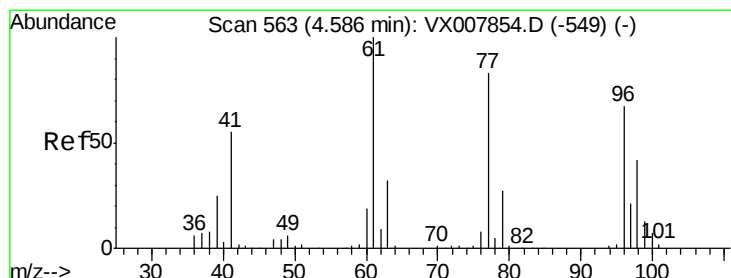
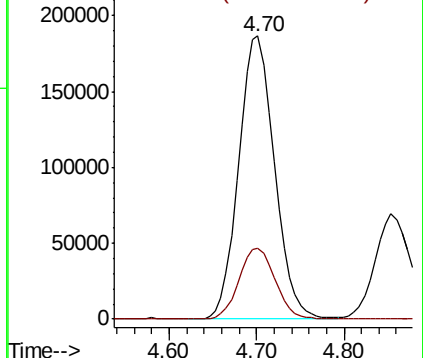
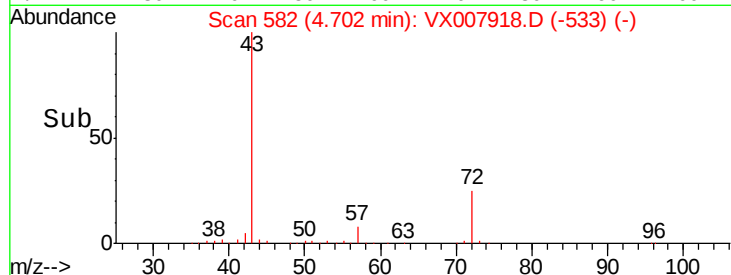
Ion Ratio Lower Upper

43 100

72 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX007918.D (-533) (-)



#26

2,2-Dichloropropane

Concen: 31.656 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007918.D

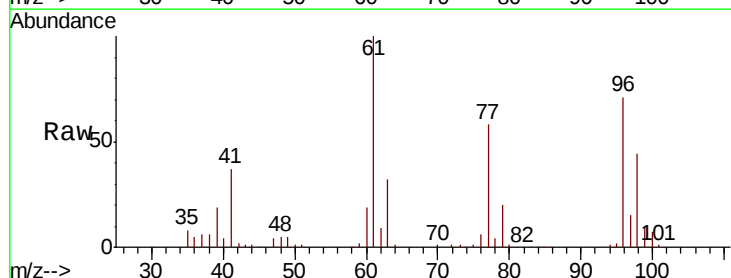
Acq: 08 Mar 2019 07:23

Tgt Ion: 77 Resp: 94384

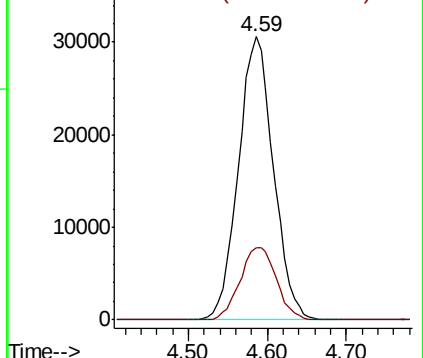
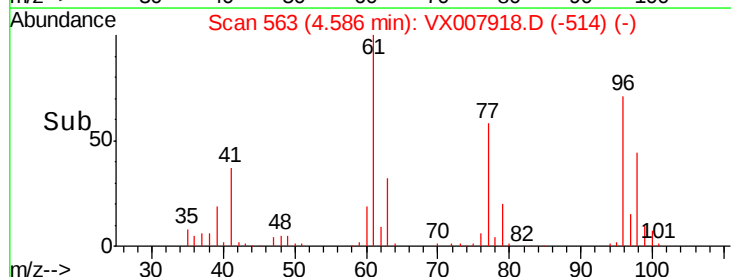
Ion Ratio Lower Upper

77 100

97 26.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX007918.D (-514) (-)



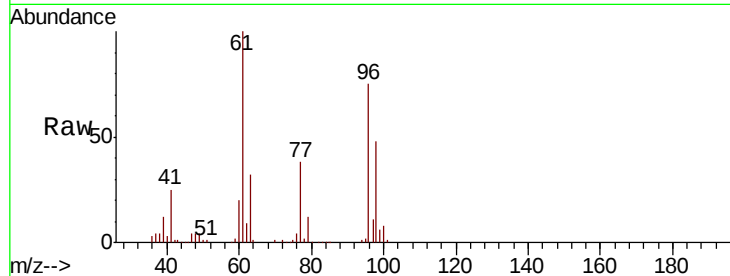


#27

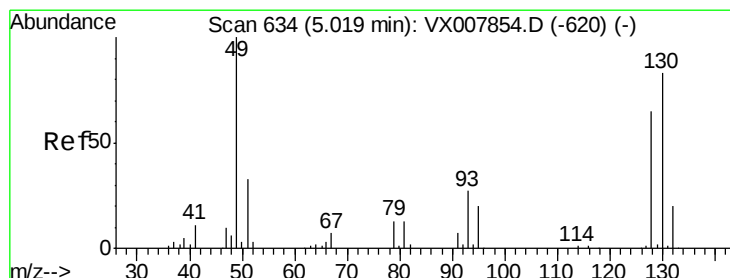
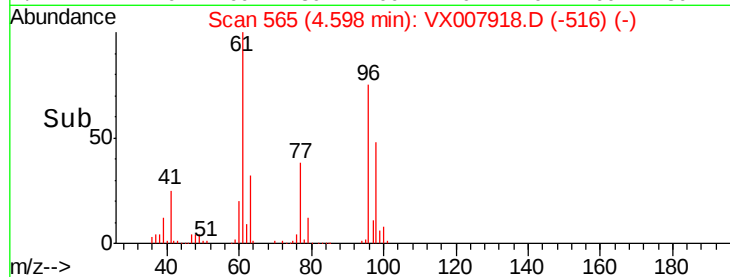
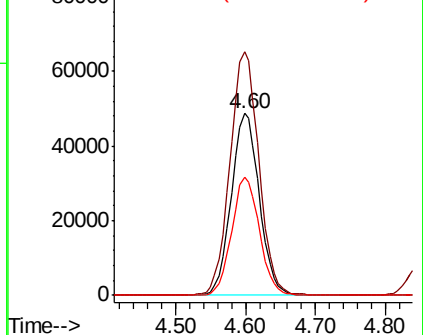
cis-1,2-Dichloroethene
 Concen: 49.453 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 135184
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 288.0
 98 64.2 0.0 129.0



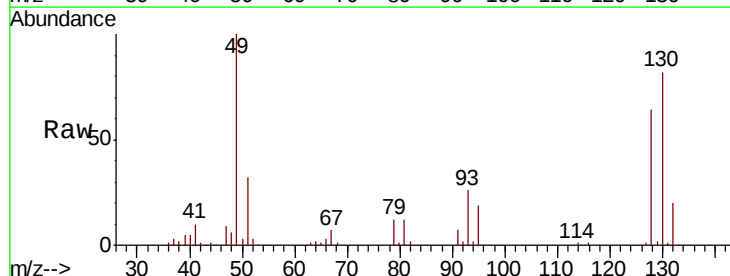
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



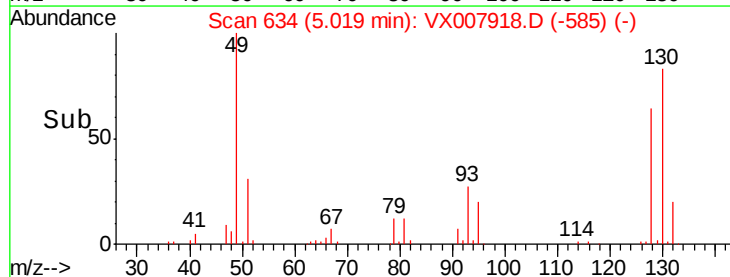
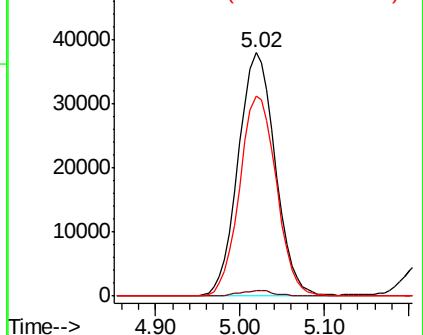
#28

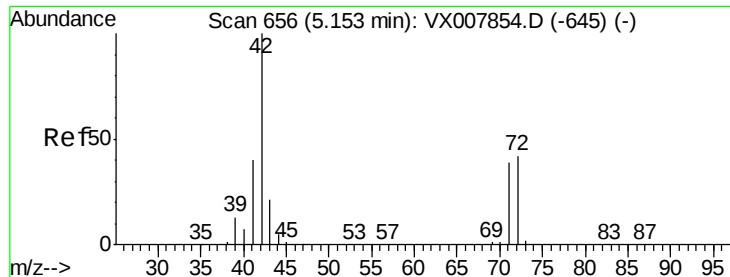
Bromochloromethane
 Concen: 54.025 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Tgt Ion: 49 Resp: 113352
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 81.6 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

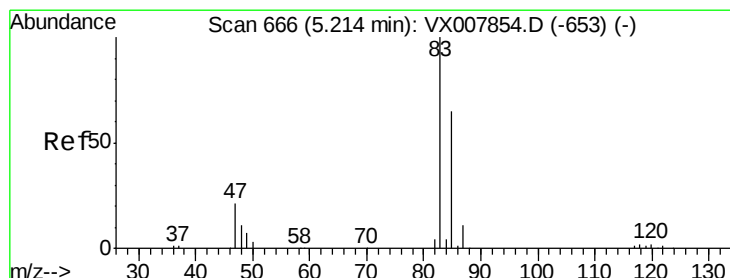
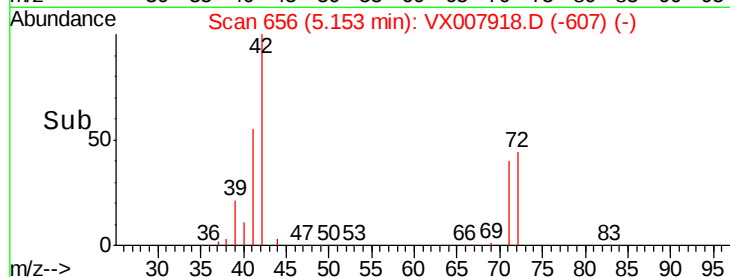
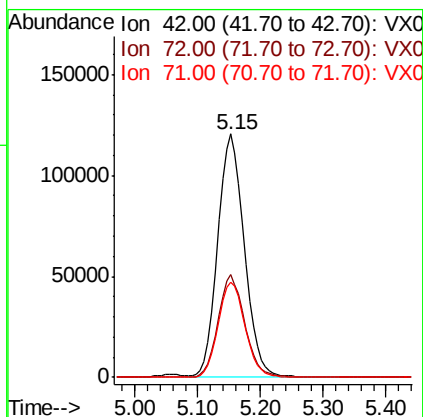
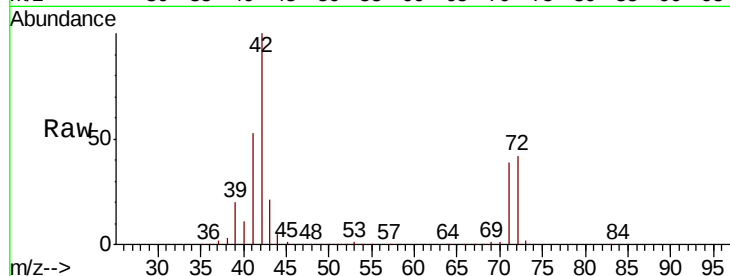




#29
Tetrahydrofuran
Concen: 257.306 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

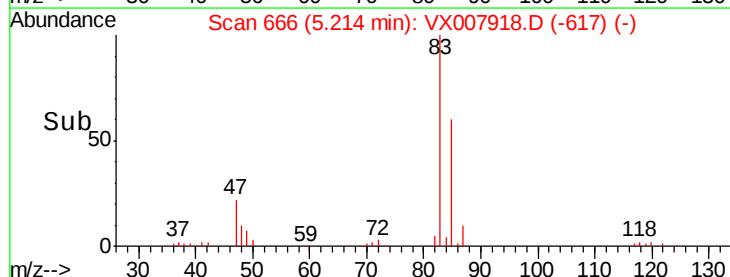
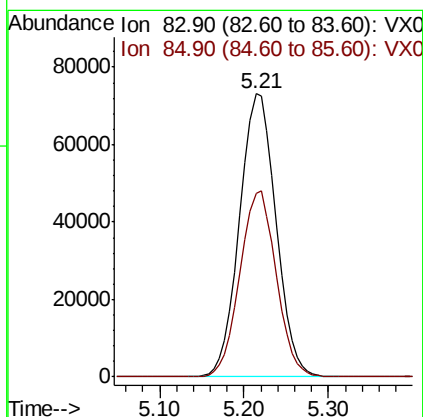
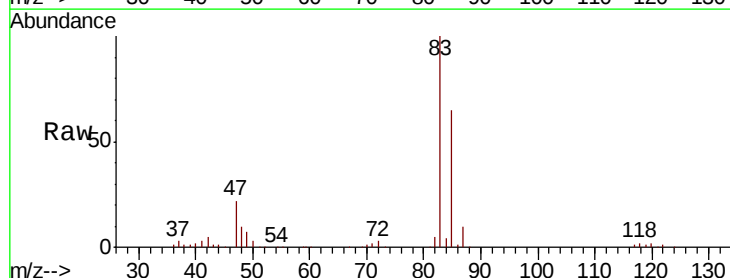
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

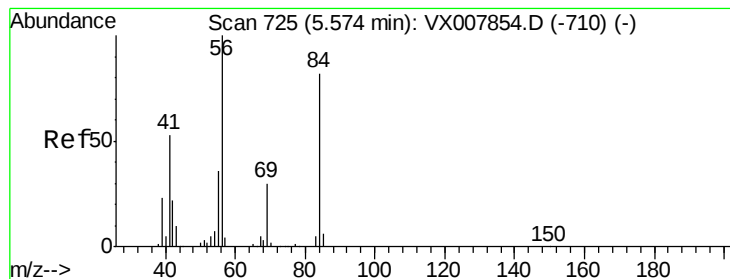
Tgt Ion: 42 Resp: 354031
Ion Ratio Lower Upper
42 100
72 42.2 33.8 50.6
71 39.6 31.5 47.3



#30
Chloroform
Concen: 50.469 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion: 83 Resp: 214853
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 48.266 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

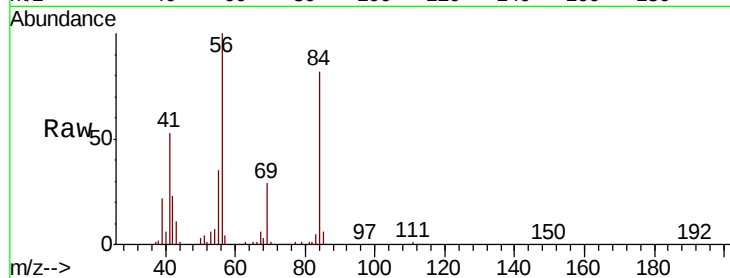
Tgt Ion: 56 Resp: 199637

Ion Ratio Lower Upper

56 100

69 29.0 24.0 36.0

84 80.4 65.3 97.9

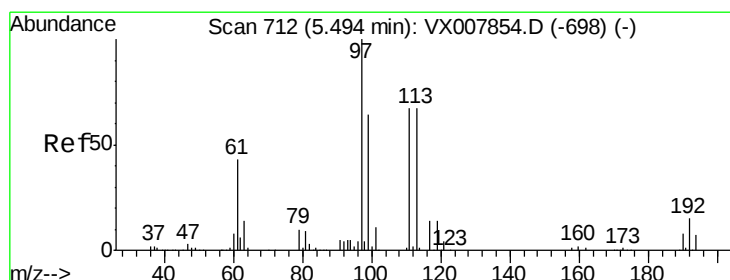
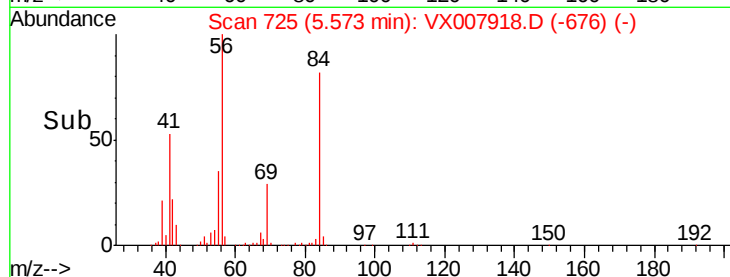
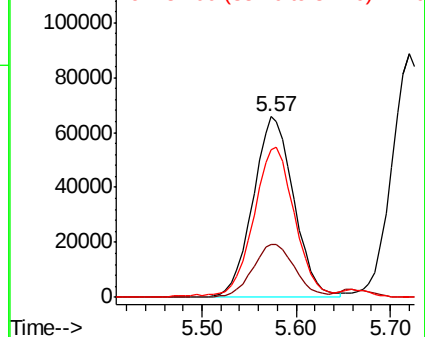


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.699 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

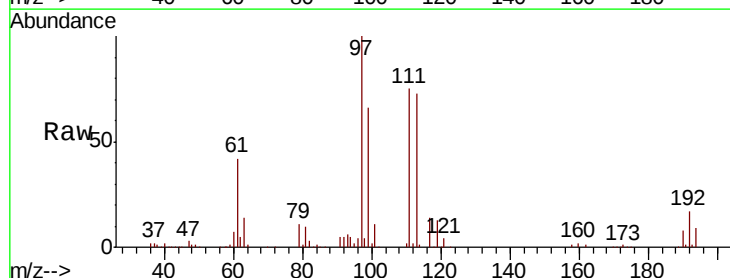
Tgt Ion: 97 Resp: 179075

Ion Ratio Lower Upper

97 100

99 64.9 52.2 78.2

61 42.7 34.9 52.3

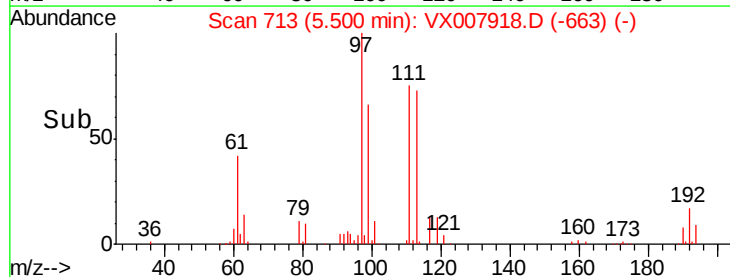
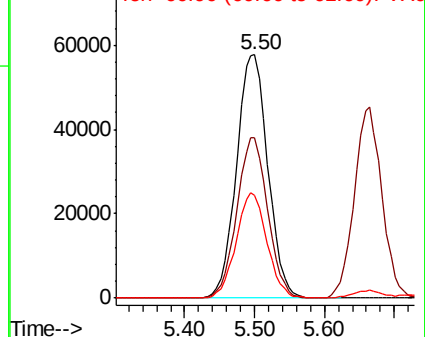


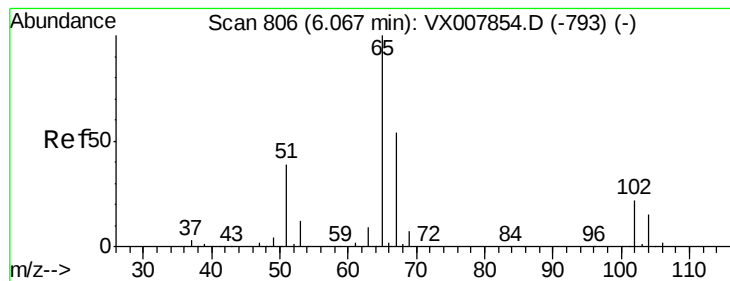
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.181 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

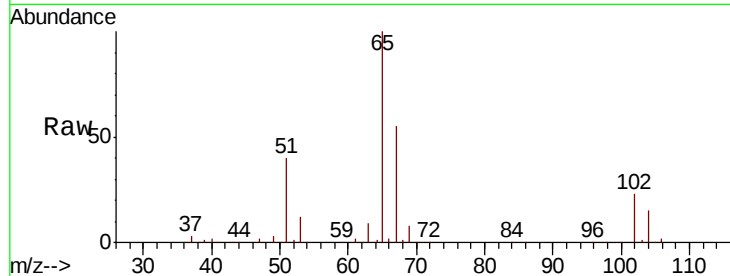
VSTDCCC050EC

Tgt Ion: 65 Resp: 137771

Ion Ratio Lower Upper

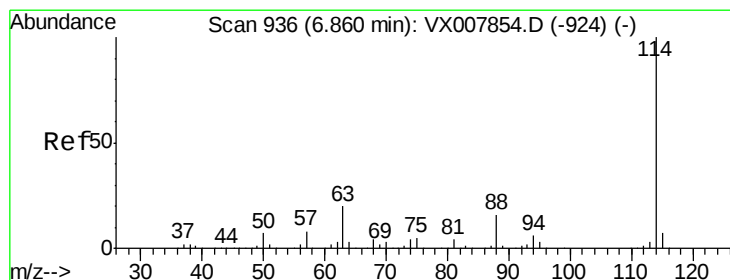
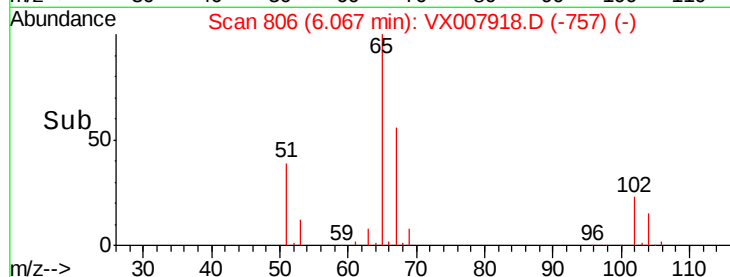
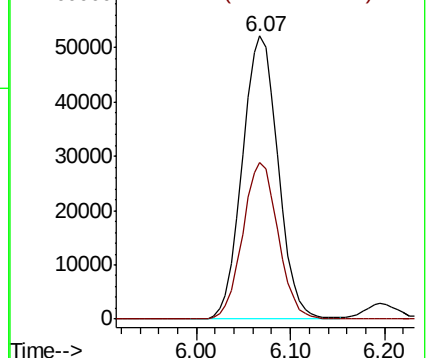
65 100

67 54.7 0.0 110.0



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: VX007918.D

Acq: 08 Mar 2019 07:23

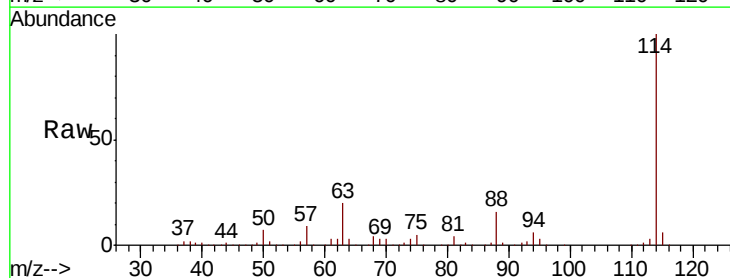
Tgt Ion: 114 Resp: 378489

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

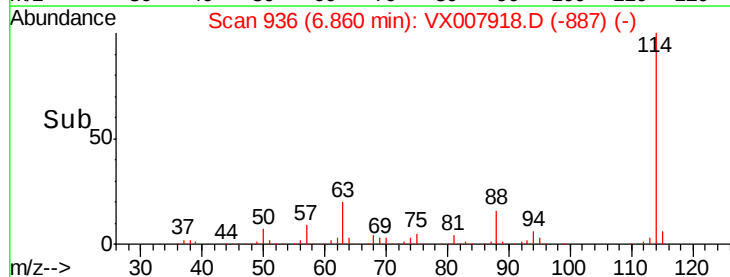
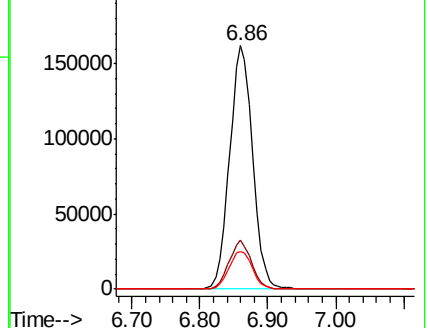
88 15.7 0.0 31.4

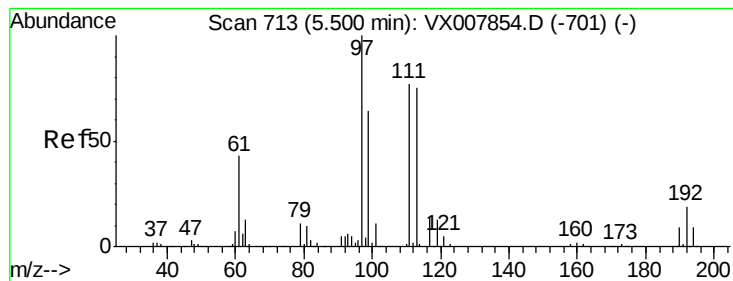


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.298 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

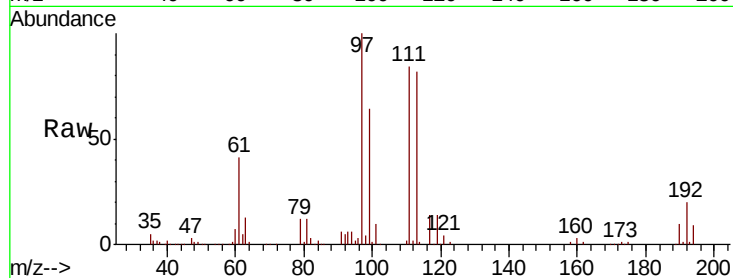
Tgt Ion:113 Resp: 121774

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

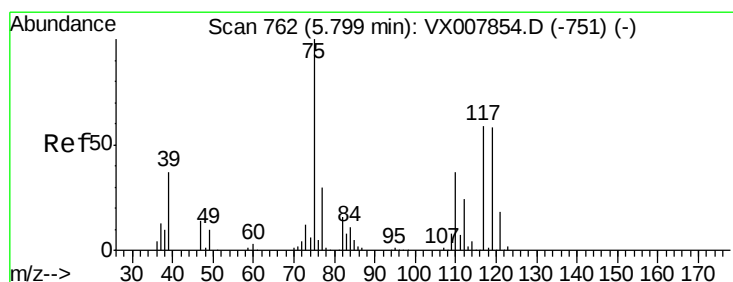
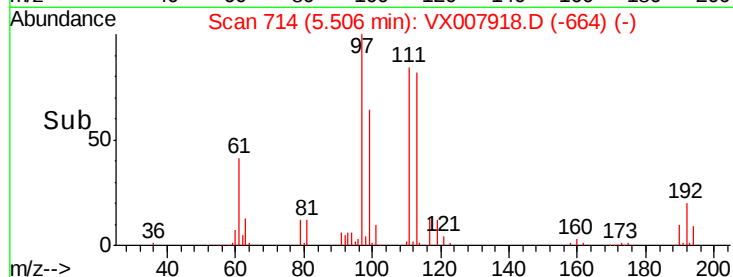
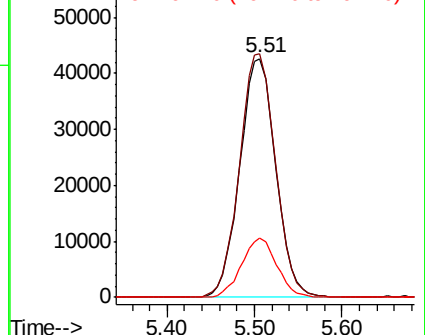
192 24.3 19.4 29.0



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: 46.958 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

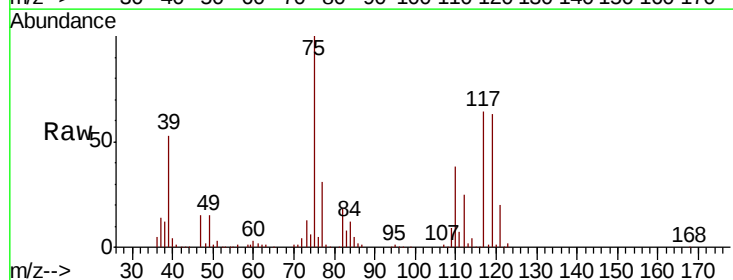
Tgt Ion: 75 Resp: 160931

Ion Ratio Lower Upper

75 100

110 37.4 18.4 55.0

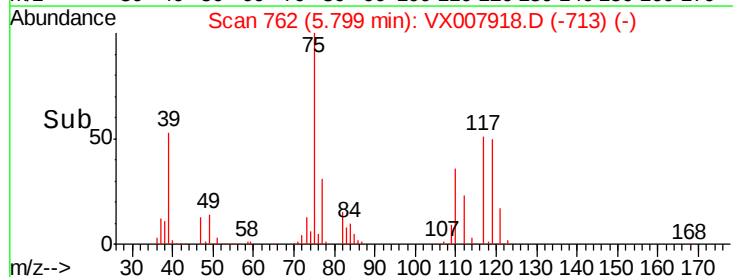
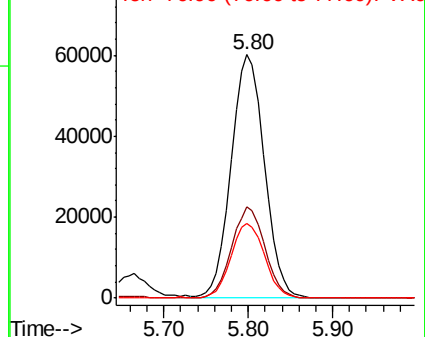
77 31.2 25.0 37.4

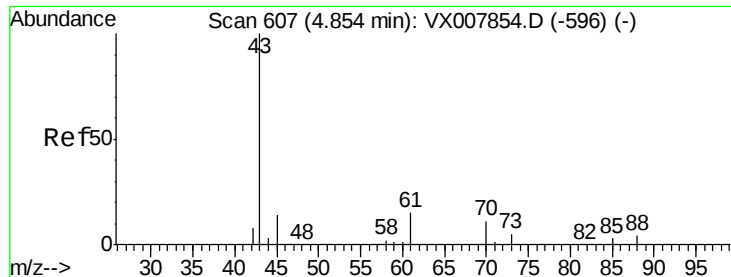


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.950 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

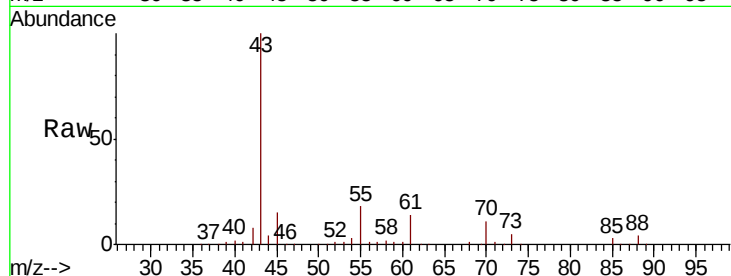
Tgt Ion: 43 Resp: 199080

Ion Ratio Lower Upper

43 100

61 14.5 11.3 16.9

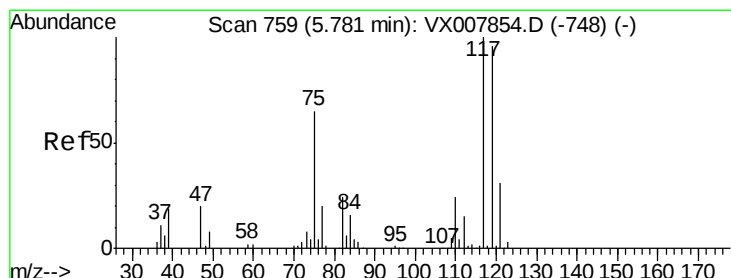
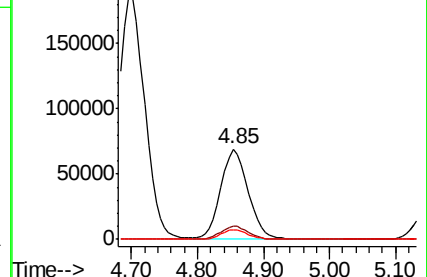
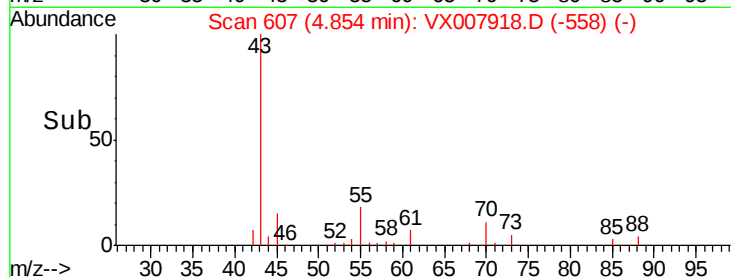
70 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.102 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

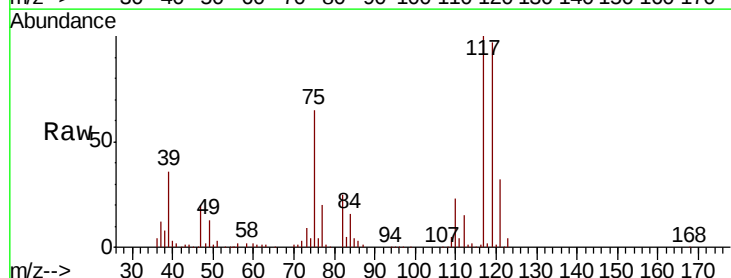
Tgt Ion: 117 Resp: 156504

Ion Ratio Lower Upper

117 100

119 97.0 76.2 114.2

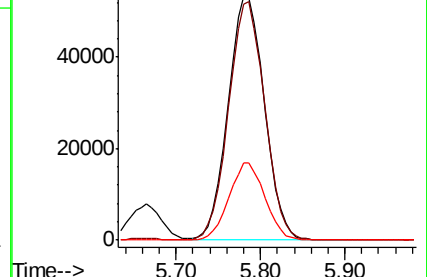
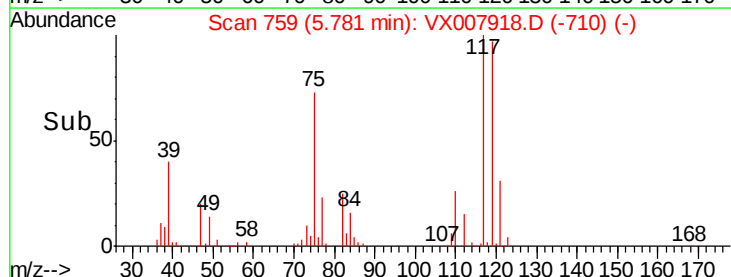
121 31.6 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

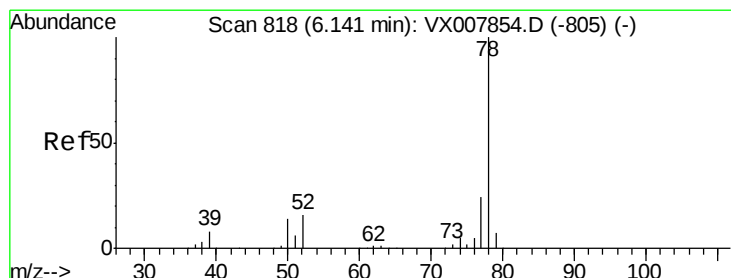
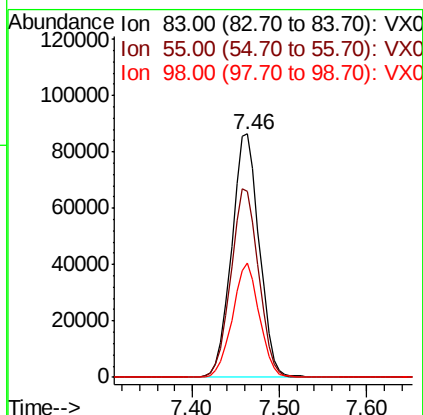
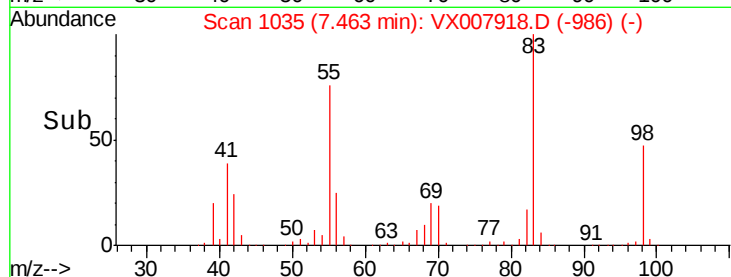
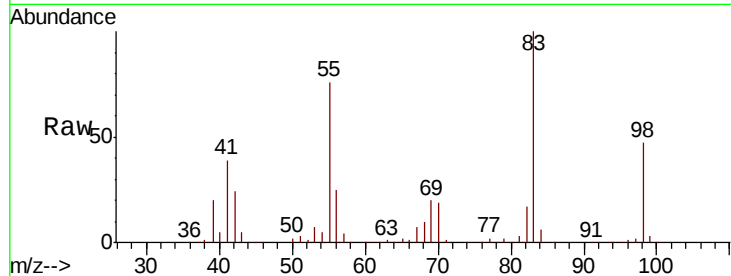




#39
Methylcyclohexane
Concen: 45.659 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

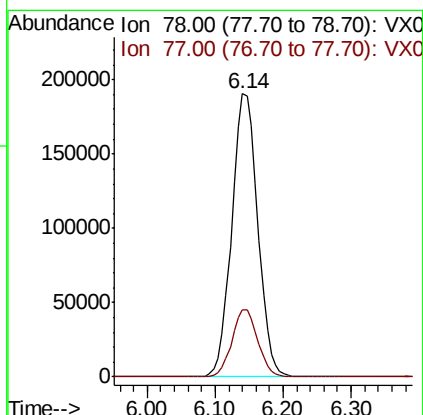
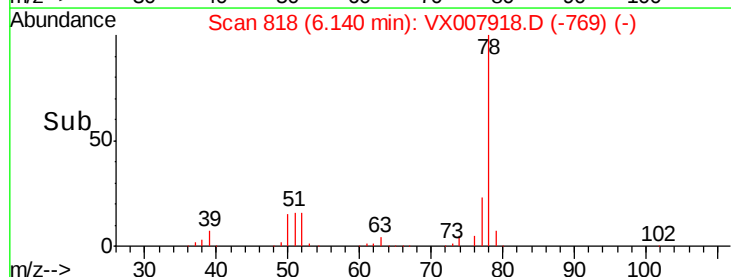
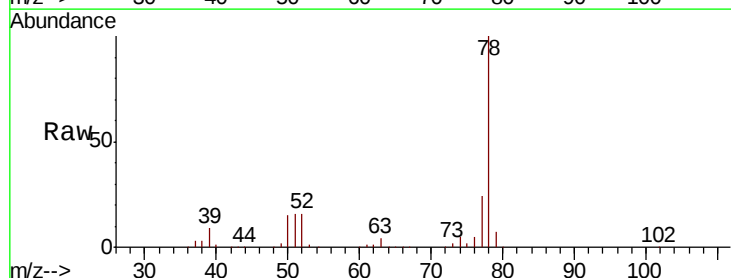
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 189609
Ion Ratio Lower Upper
83 100
55 76.2 60.4 90.6
98 46.8 36.5 54.7



#40
Benzene
Concen: 49.555 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion: 78 Resp: 505600
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 50.181 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 111268

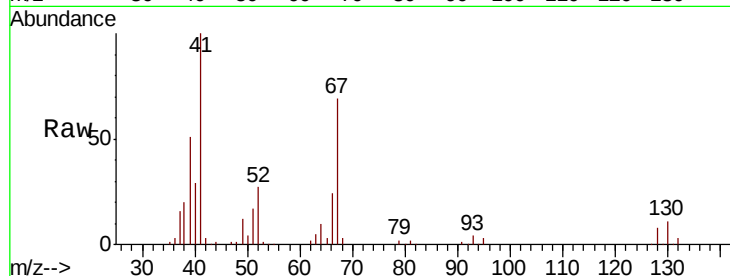
Ion Ratio Lower Upper

41 100

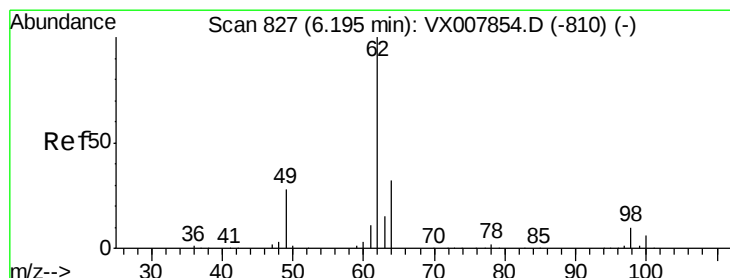
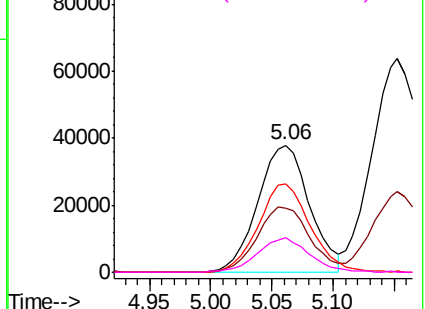
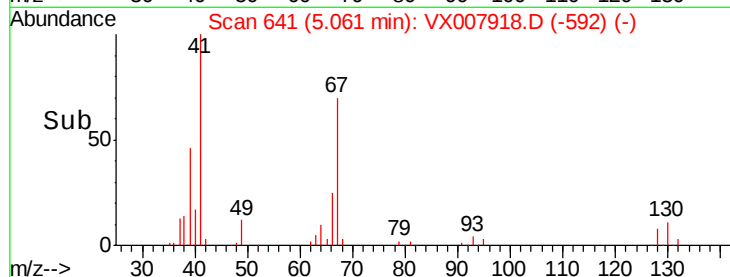
39 52.5 41.6 62.4

67 70.1 55.8 83.6

52 27.4 21.7 32.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.210 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007918.D

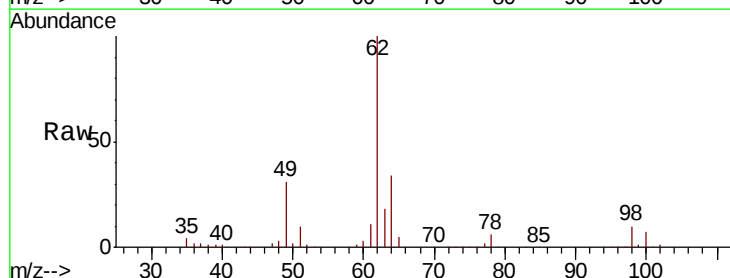
Acq: 08 Mar 2019 07:23

Tgt Ion: 62 Resp: 164197

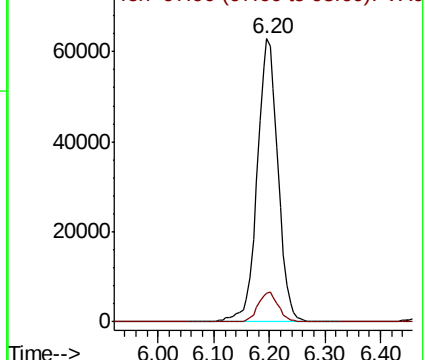
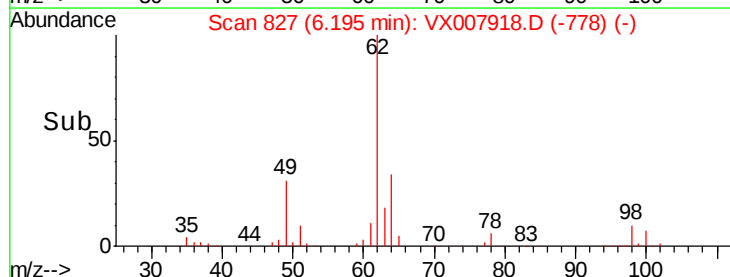
Ion Ratio Lower Upper

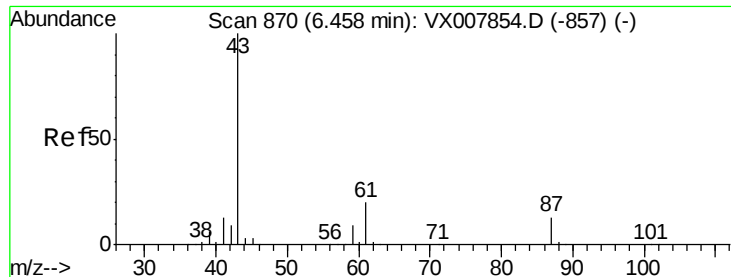
62 100

98 10.2 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 50.922 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

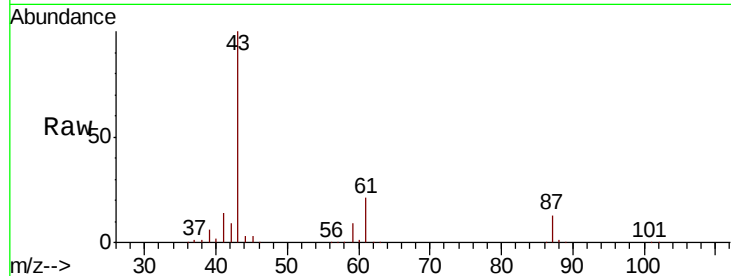
Tgt Ion: 43 Resp: 306498

Ion Ratio Lower Upper

43 100

61 20.6 16.3 24.5

87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-857) (-)

Ion 61.00 (60.70 to 61.70): VX007854.D (-857) (-)

Ion 87.00 (86.70 to 87.70): VX007854.D (-857) (-)

6.46

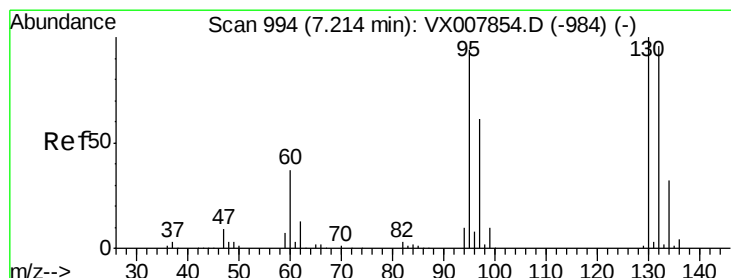
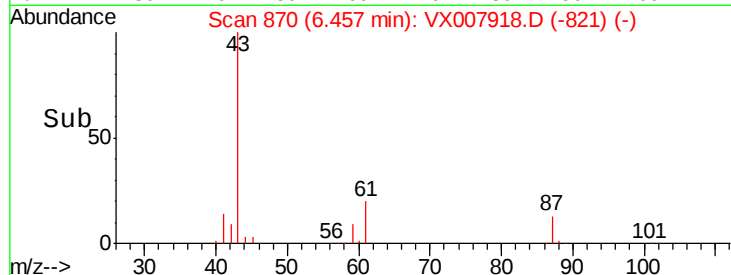
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 48.455 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007918.D

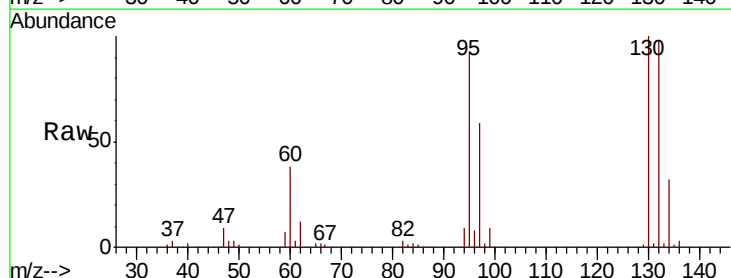
Acq: 08 Mar 2019 07:23

Tgt Ion: 130 Resp: 136241

Ion Ratio Lower Upper

130 100

95 93.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX007854.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX007854.D (-984) (-)

7.21

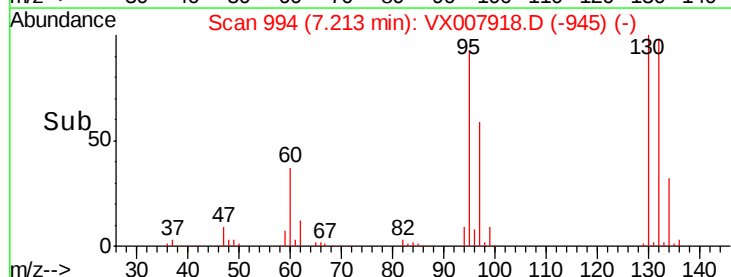
60000

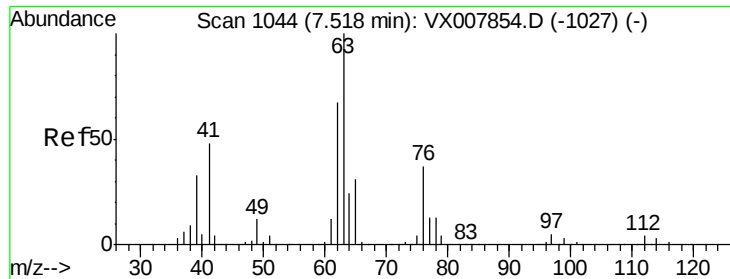
40000

20000

0

Time-->

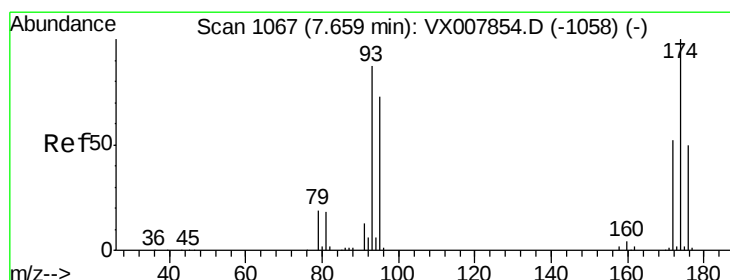
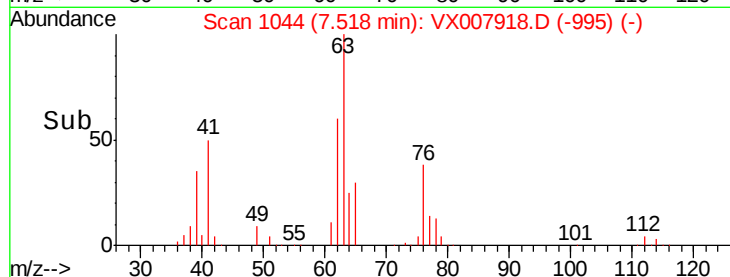
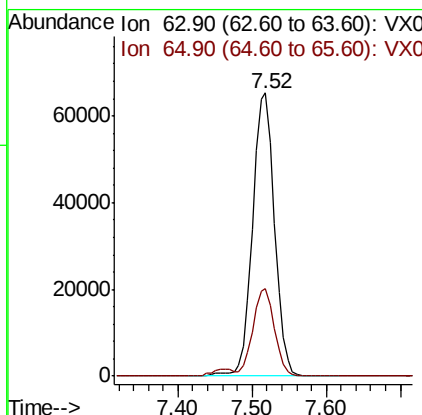
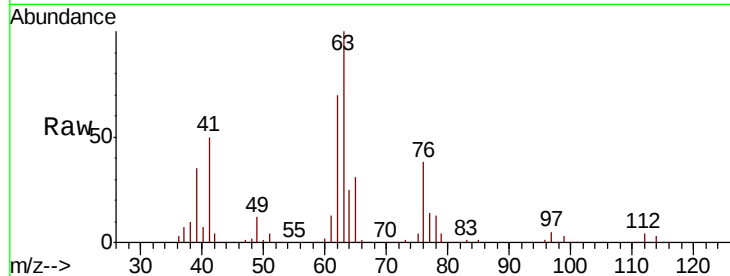




#45
 1,2-Dichloropropane
 Concen: 50.236 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

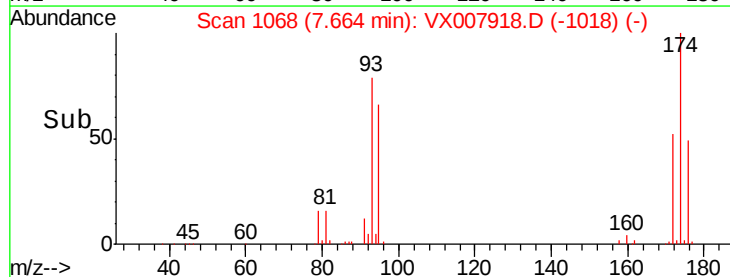
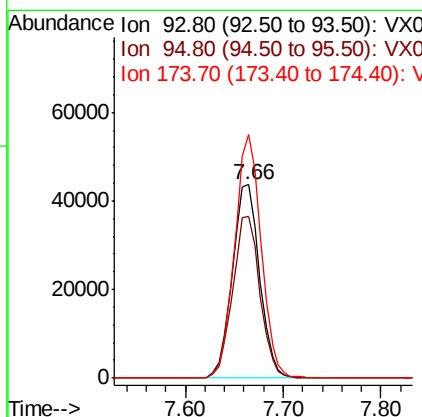
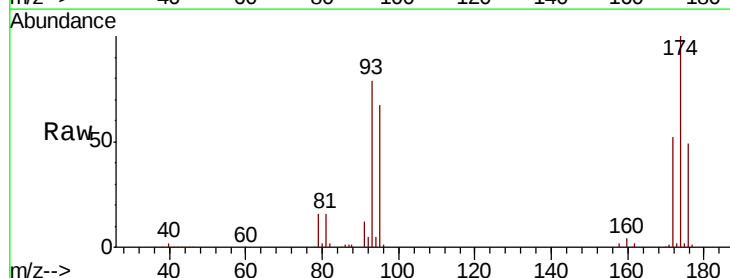
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

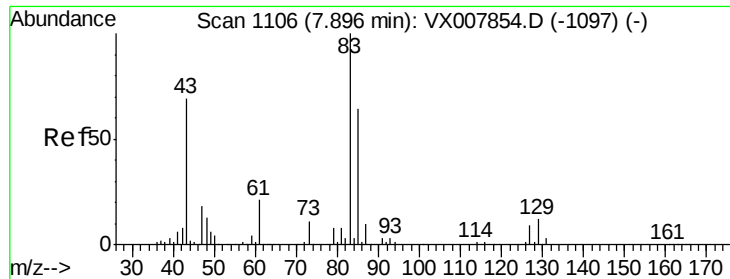
Tgt Ion: 63 Resp: 135374
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 49.512 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Tgt Ion: 93 Resp: 84437
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.8 100.2
 174 122.8 97.3 145.9





#47

Bromodichloromethane

Concen: 50.147 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

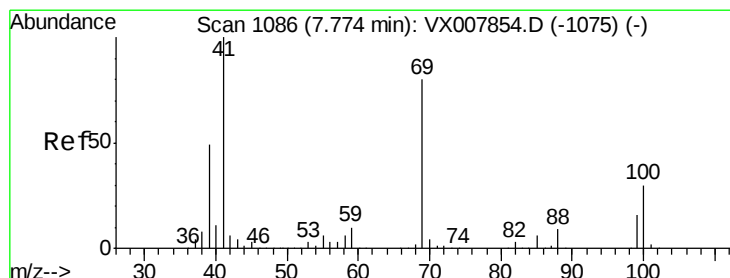
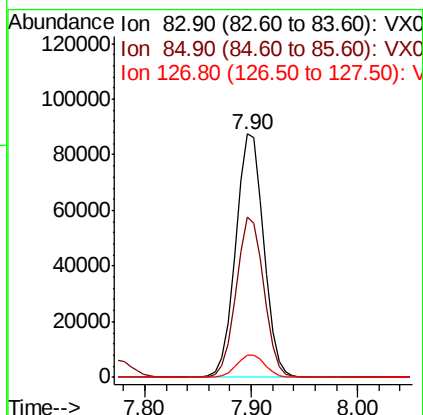
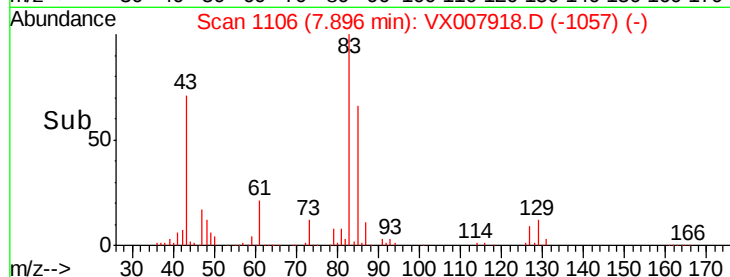
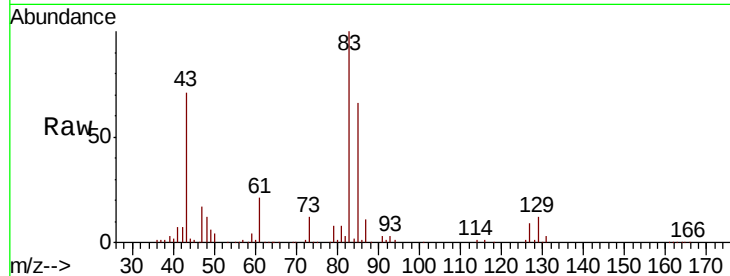
Tgt Ion: 83 Resp: 162139

Ion Ratio Lower Upper

83 100

85 65.6 50.9 76.3

127 9.3 7.4 11.0



#48

Methyl methacrylate

Concen: 51.541 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

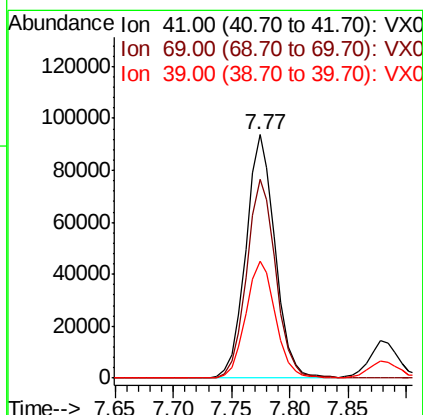
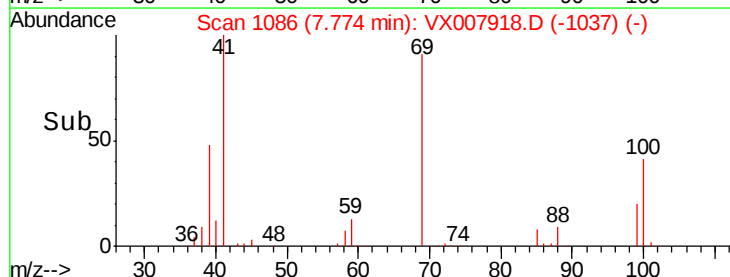
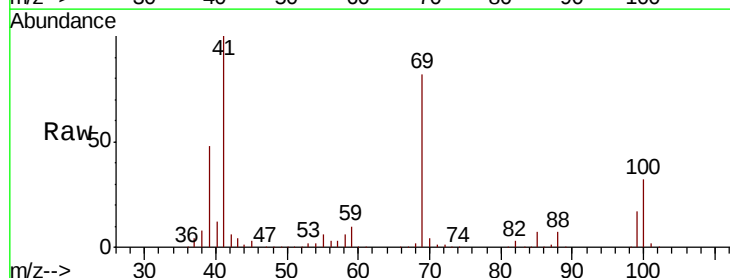
Tgt Ion: 41 Resp: 163102

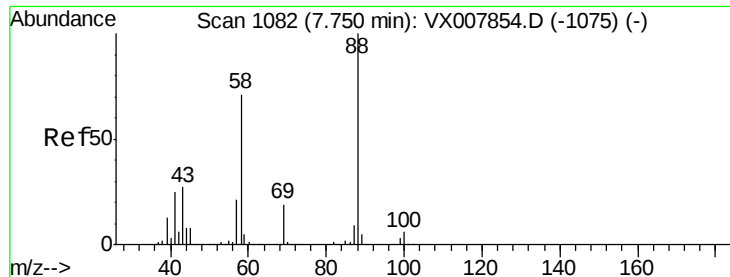
Ion Ratio Lower Upper

41 100

69 82.2 65.2 97.8

39 49.0 39.4 59.2





#49

1,4-Dioxane

Concen: 999.809 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

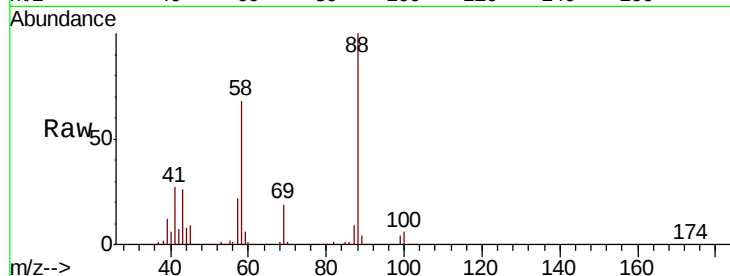
Tgt Ion: 88 Resp: 64994

Ion Ratio Lower Upper

88 100

43 30.9 25.1 37.7

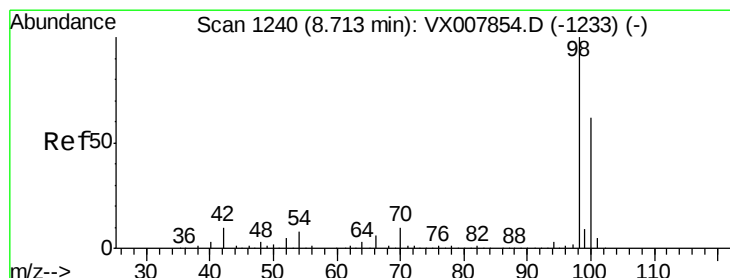
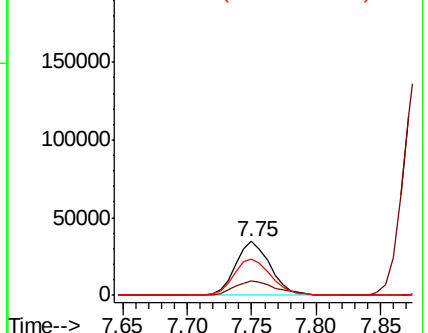
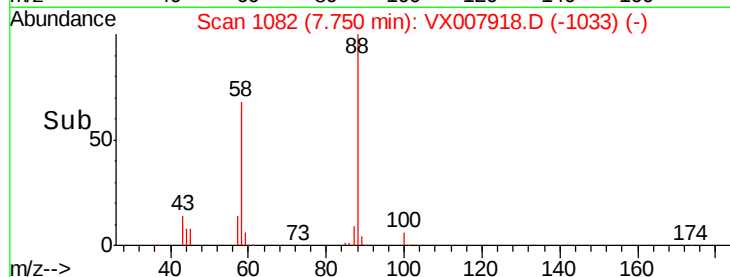
58 72.4 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.724 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007918.D

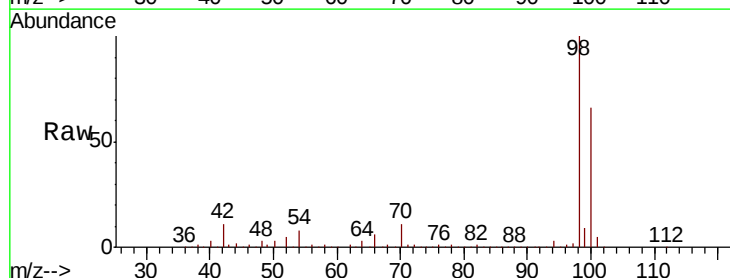
Acq: 08 Mar 2019 07:23

Tgt Ion: 98 Resp: 459904

Ion Ratio Lower Upper

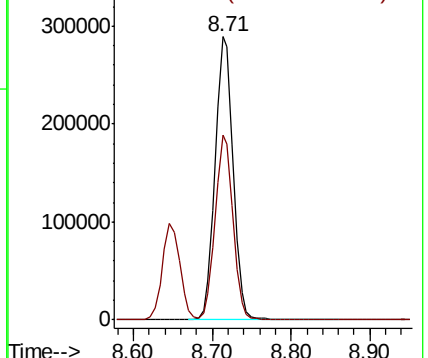
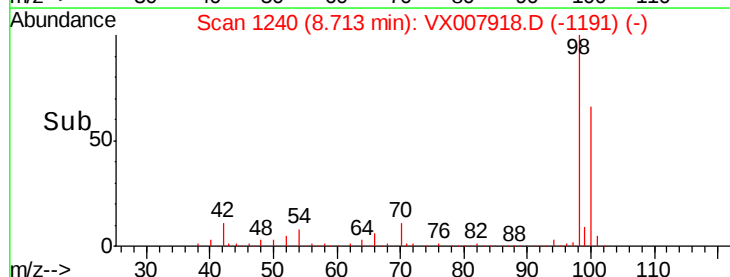
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

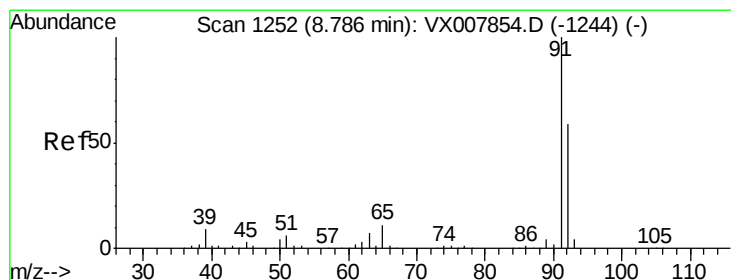
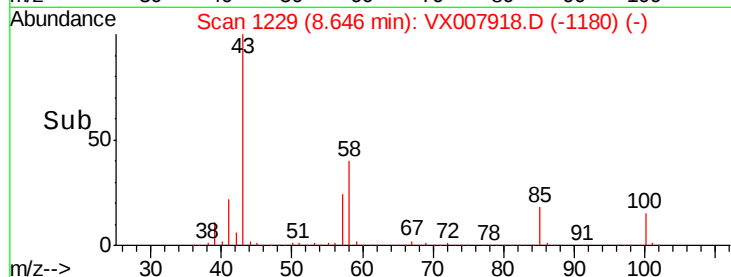
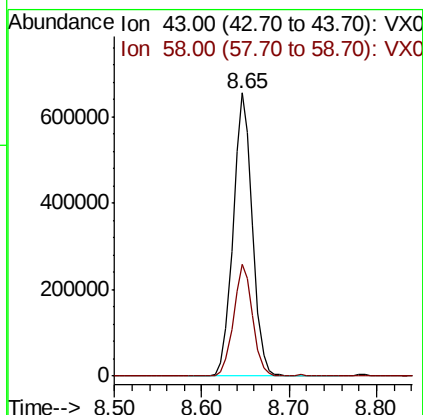
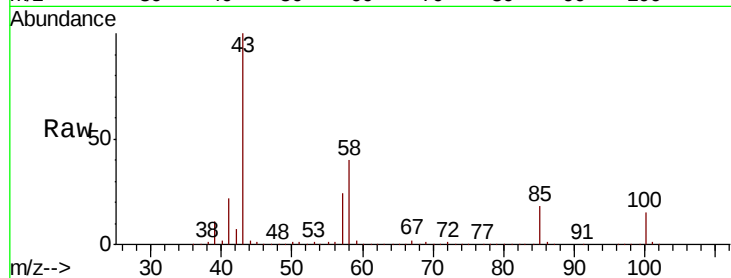




#51
 4-Methyl-2-Pentanone
 Concen: 259.537 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

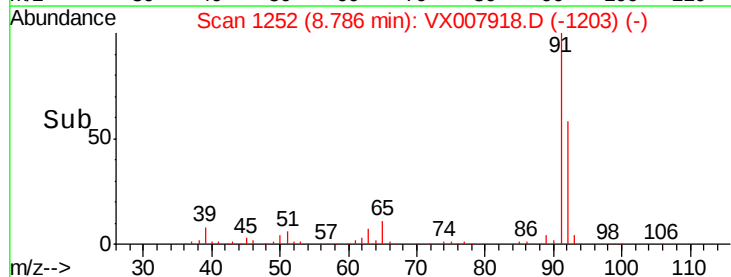
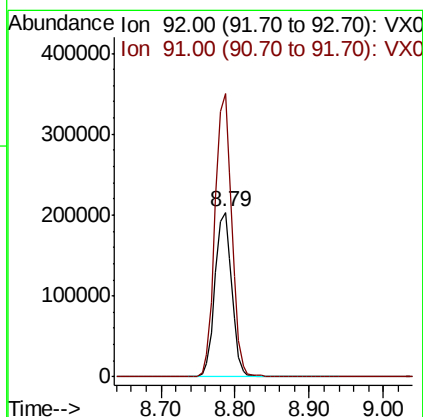
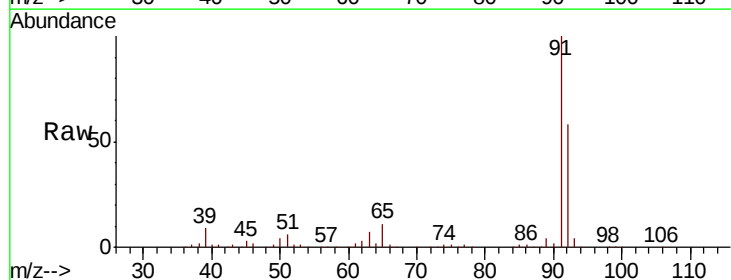
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

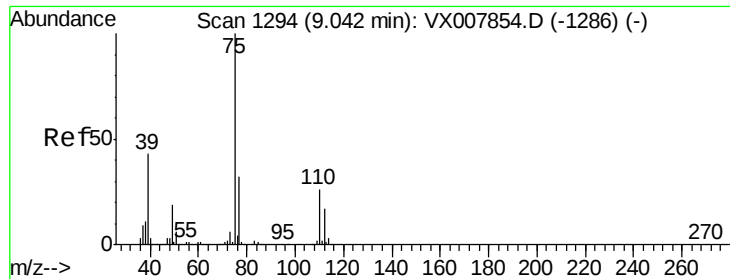
Tgt Ion: 43 Resp: 1004622
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.3 46.9



#52
 Toluene
 Concen: 50.555 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Tgt Ion: 92 Resp: 314909
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.4 206.0

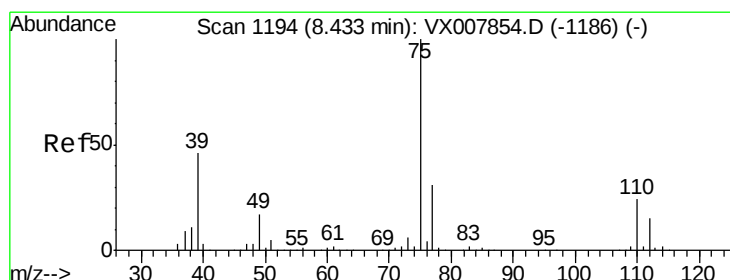
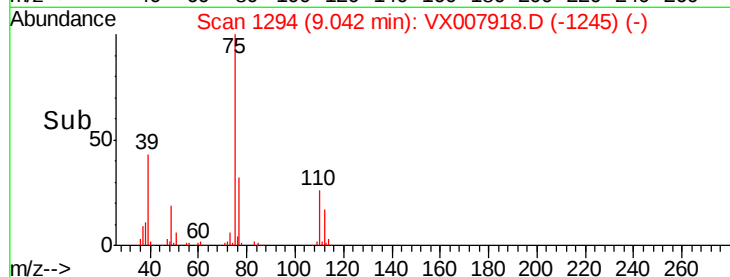
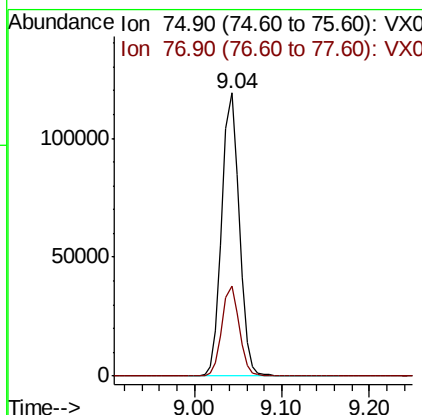
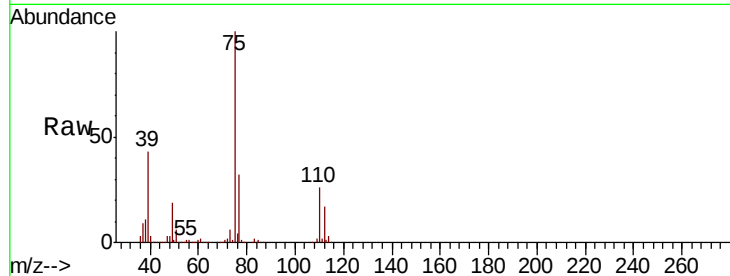




#53
t-1,3-Dichloropropene
Concen: 48.899 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

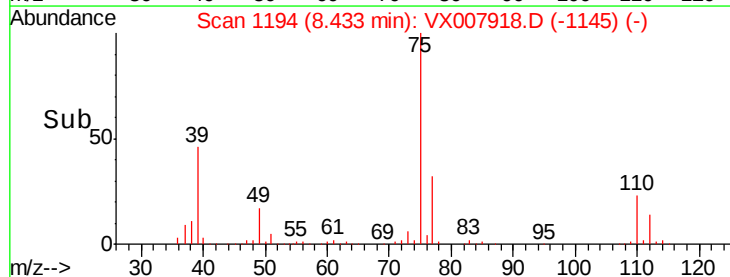
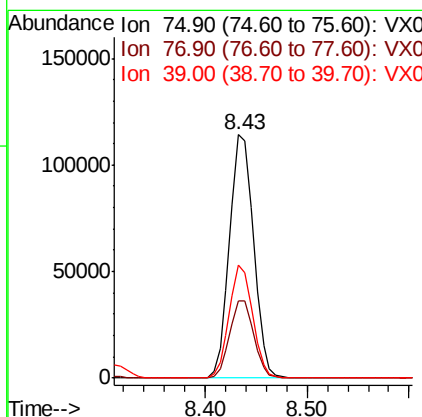
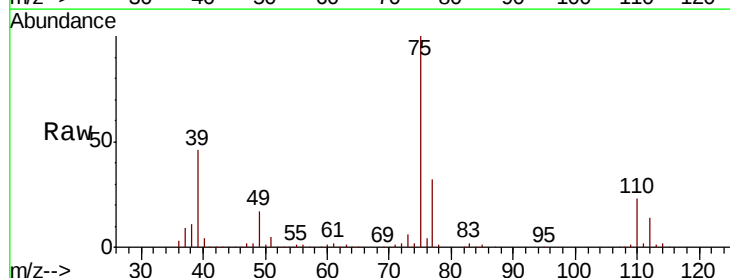
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

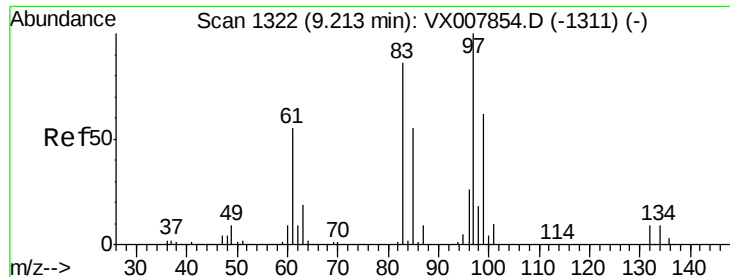
Tgt Ion: 75 Resp: 165020
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.933 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion: 75 Resp: 186482
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
39 46.3 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 51.850 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 130744

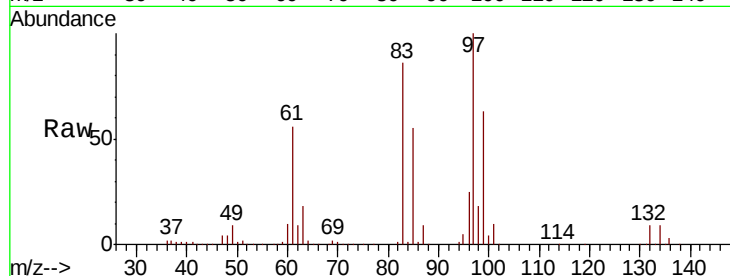
Ion Ratio Lower Upper

97 100

83 86.2 69.1 103.7

85 55.4 44.3 66.5

99 63.4 49.8 74.8

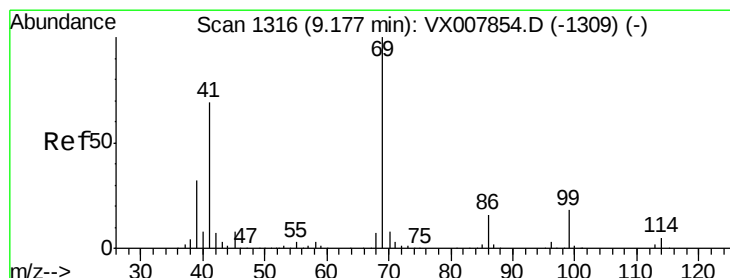
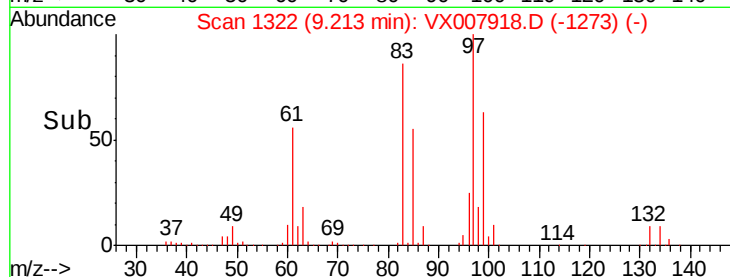
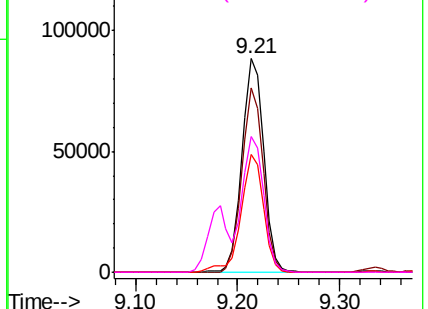


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.770 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

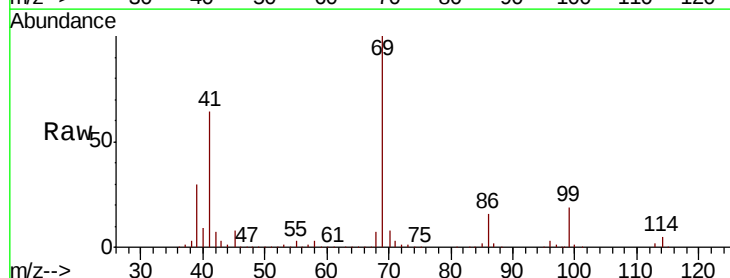
Tgt Ion: 69 Resp: 203575

Ion Ratio Lower Upper

69 100

41 66.4 54.2 81.4

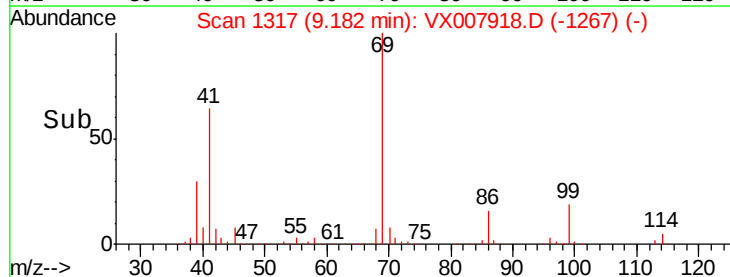
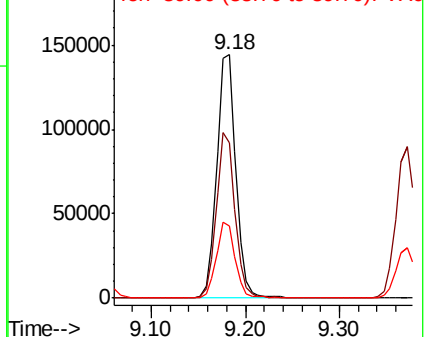
39 30.5 25.0 37.4

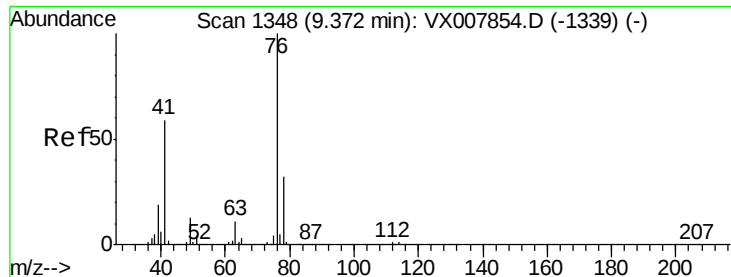


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.086 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

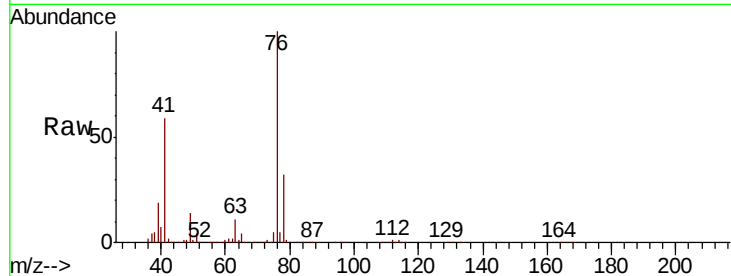
VSTDCCC050EC

Tgt Ion: 76 Resp: 216292

Ion Ratio Lower Upper

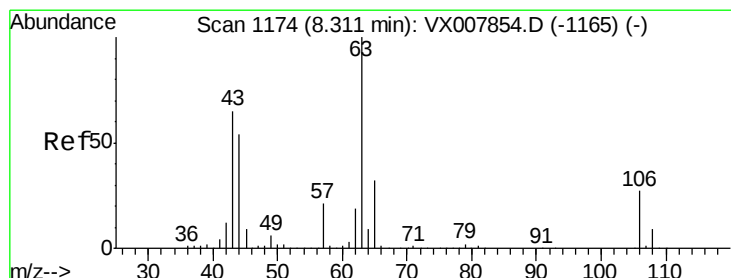
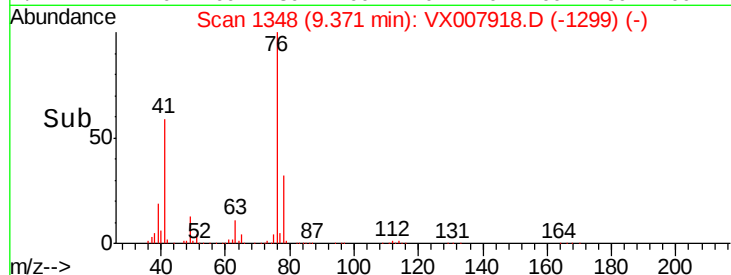
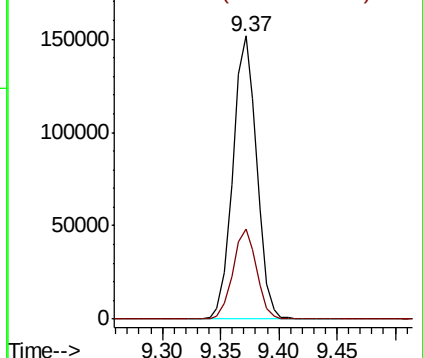
76 100

78 31.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 274.230 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007918.D

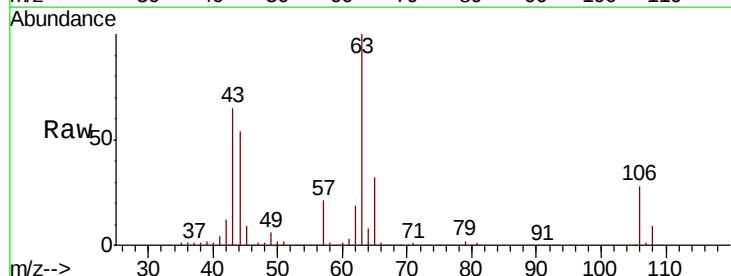
Acq: 08 Mar 2019 07:23

Tgt Ion: 63 Resp: 537060

Ion Ratio Lower Upper

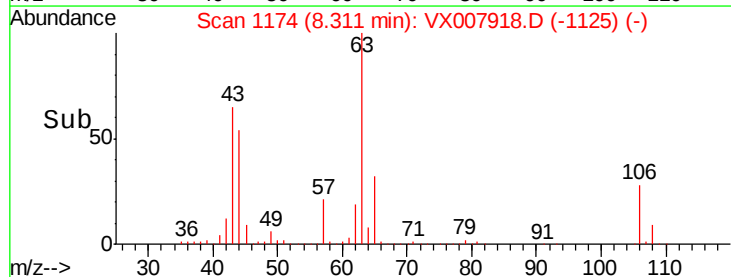
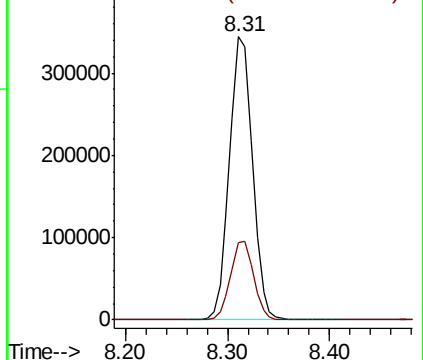
63 100

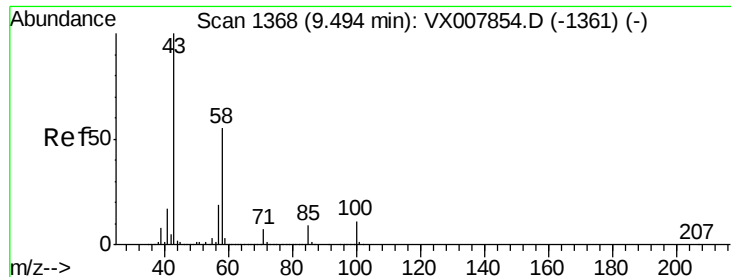
106 28.1 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

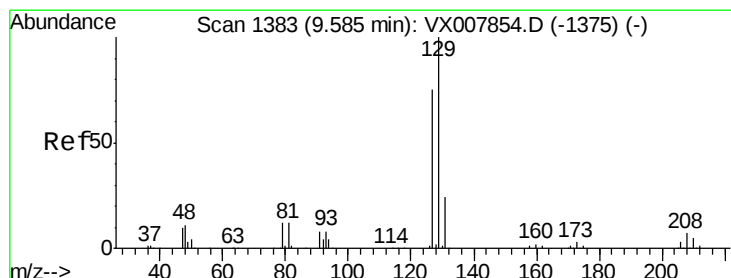
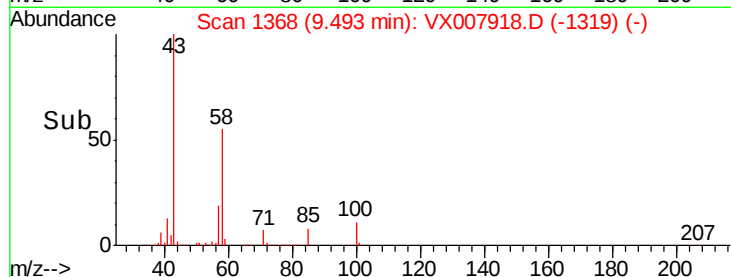
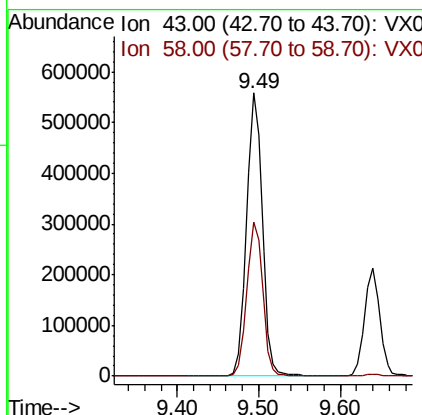
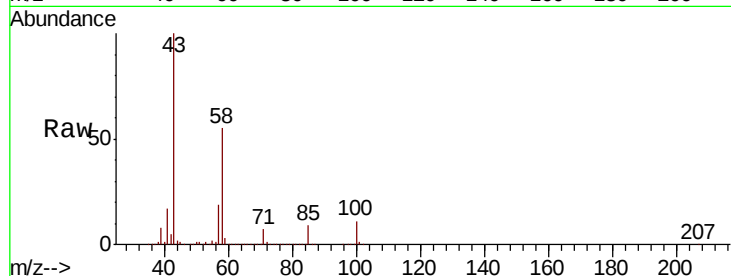




#59
2-Hexanone
Concen: 248.931 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

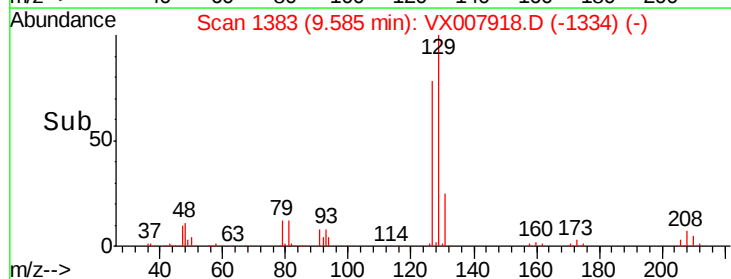
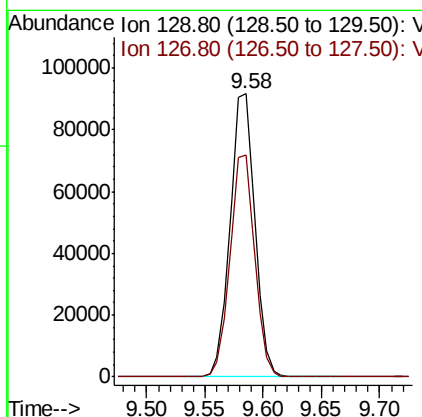
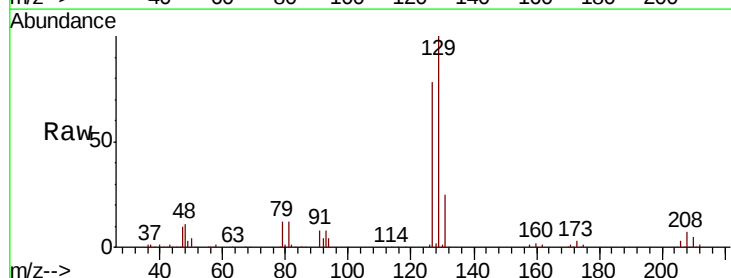
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

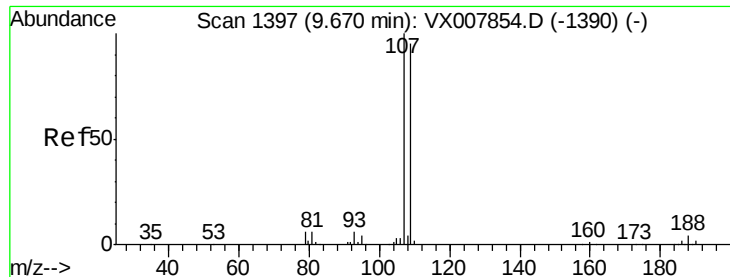
Tgt Ion: 43 Resp: 748094
Ion Ratio Lower Upper
43 100
58 54.9 27.6 82.7



#60
Dibromochloromethane
Concen: 51.693 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion: 129 Resp: 136246
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 51.309 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

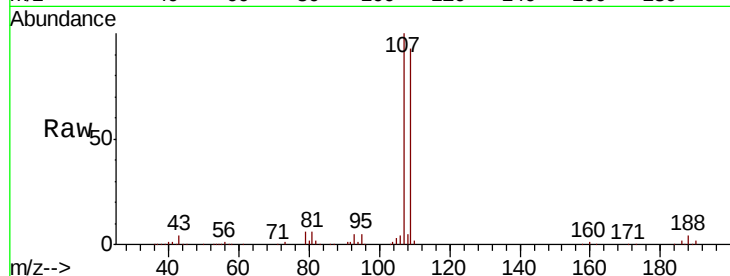
VSTDCCC050EC

Tgt Ion: 107 Resp: 137365

Ion Ratio Lower Upper

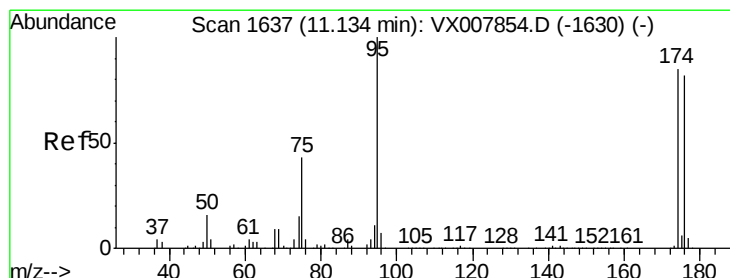
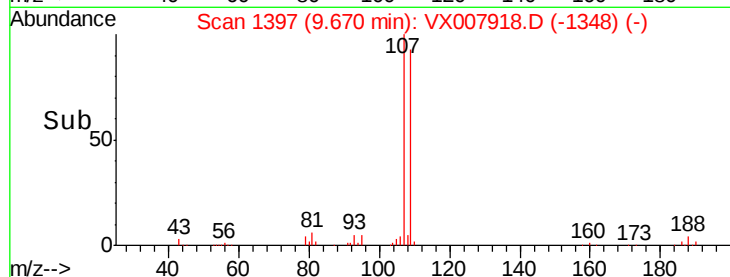
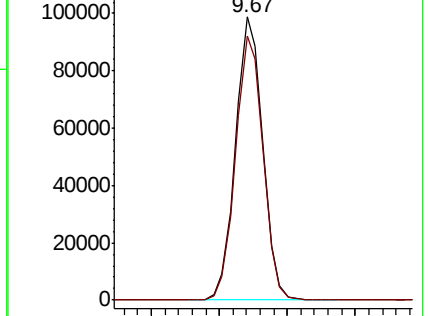
107 100

109 94.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.308 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

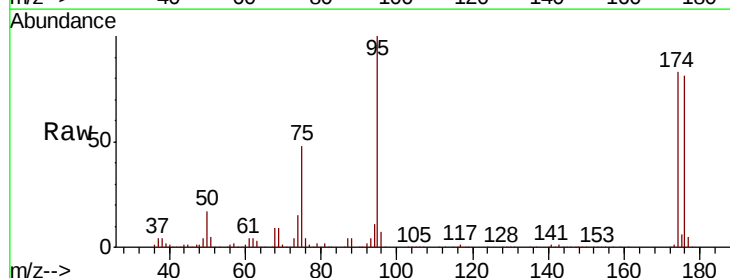
Tgt Ion: 95 Resp: 163063

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

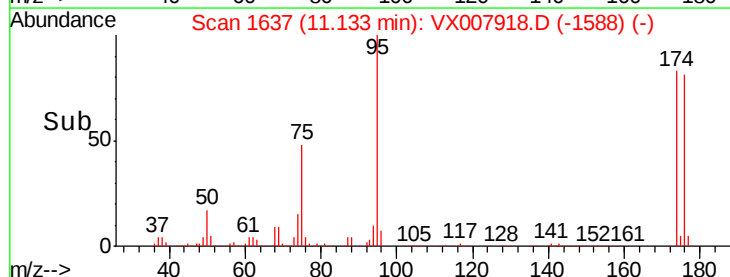
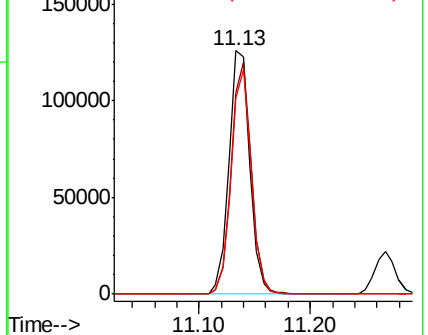
176 89.1 0.0 178.0

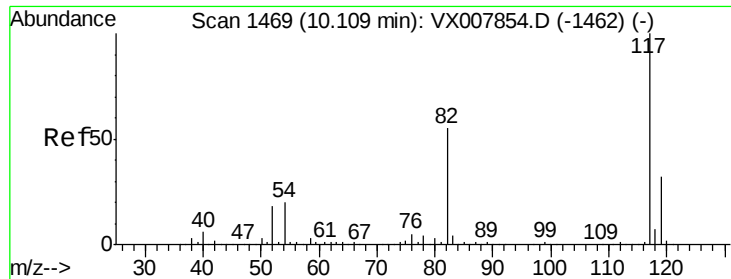


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

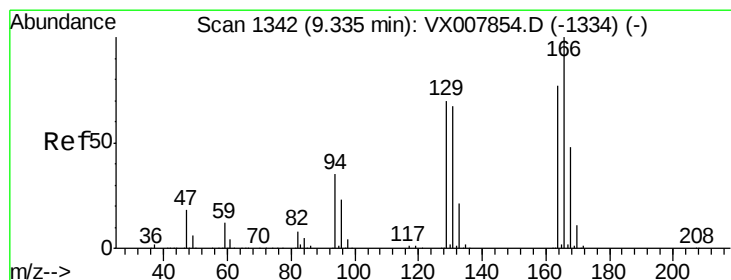
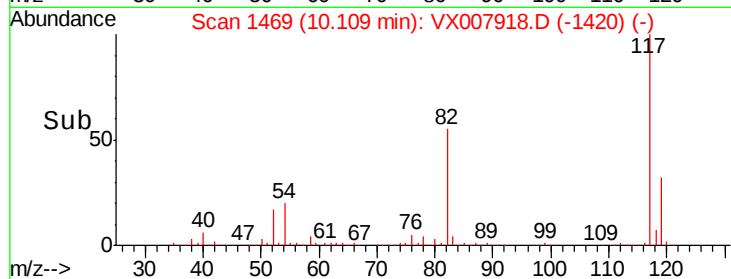
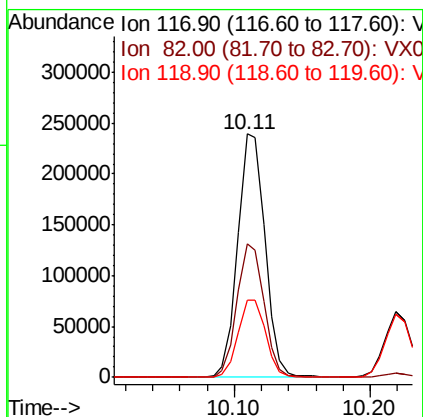
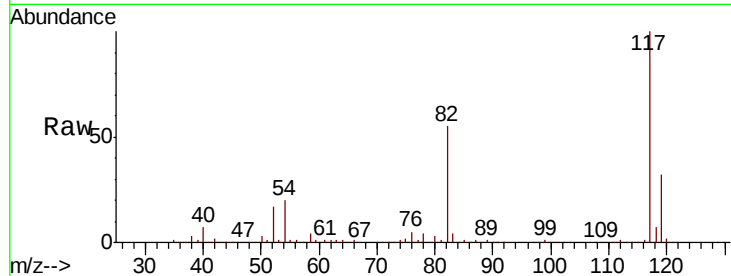




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

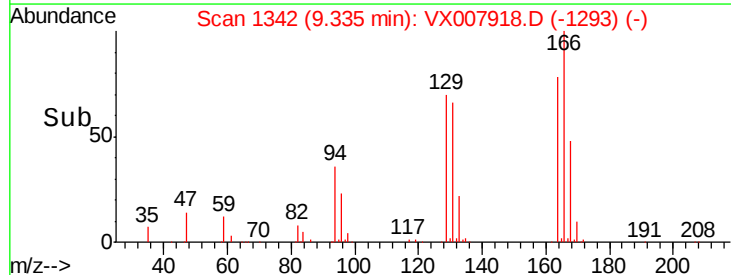
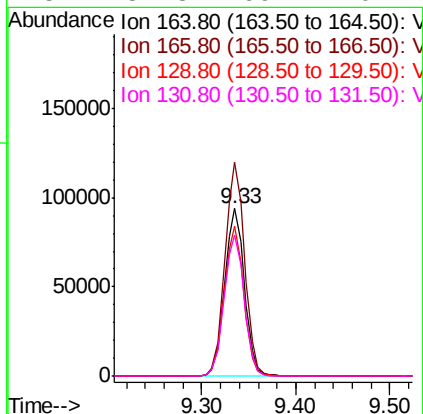
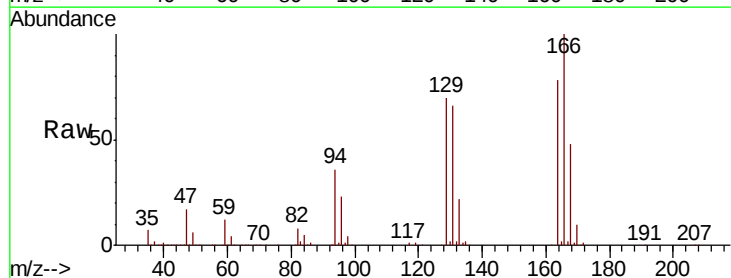
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

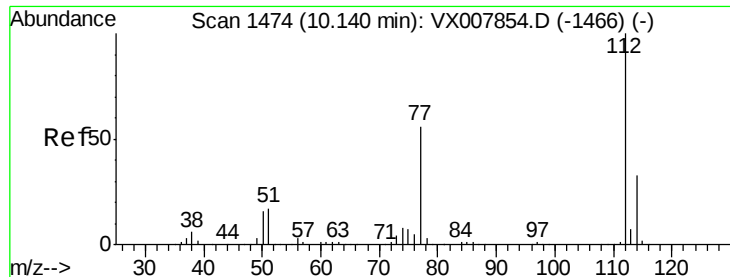
Tgt Ion:117 Resp: 336695
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 48.640 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion:164 Resp: 135715
Ion Ratio Lower Upper
164 100
166 127.7 103.4 155.0
129 89.5 72.2 108.4
131 84.3 69.4 104.2

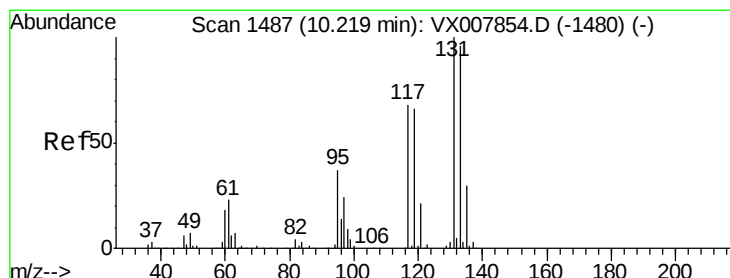
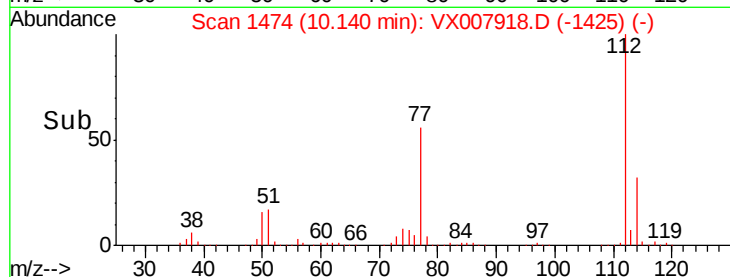
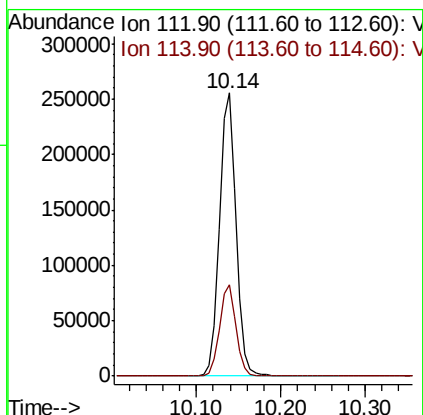
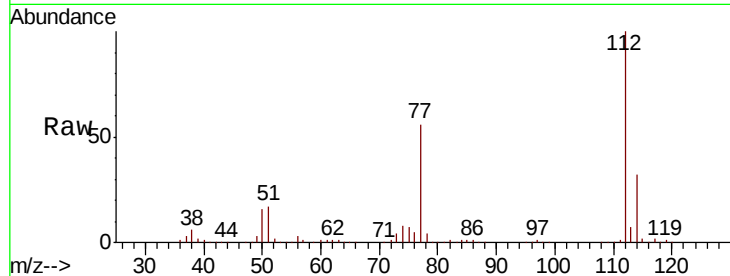




#65
Chlorobenzene
Concen: 49.384 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

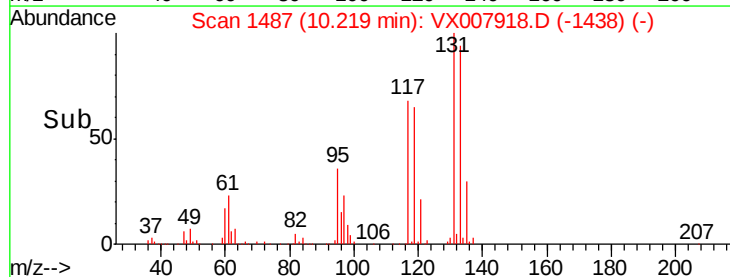
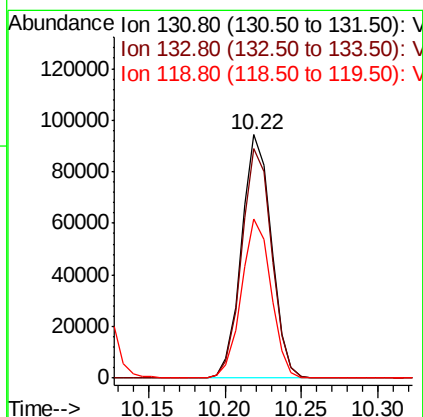
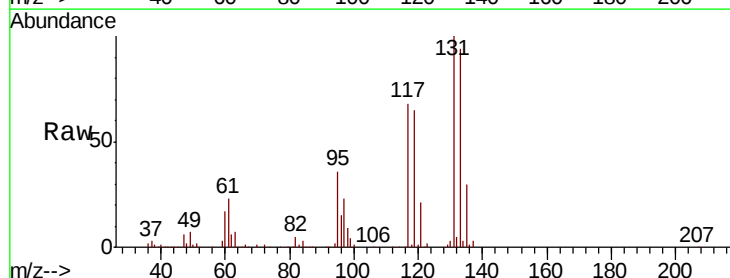
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

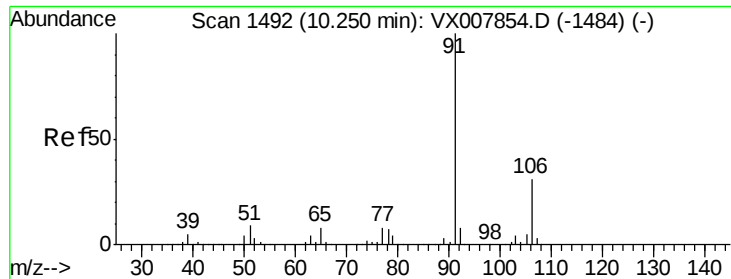
Tgt Ion:112 Resp: 347943
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.633 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion:131 Resp: 127856
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 65.1 32.5 97.5





#67

Ethyl Benzene

Concen: 50.242 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

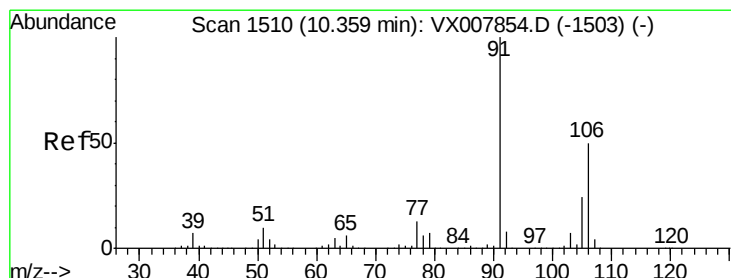
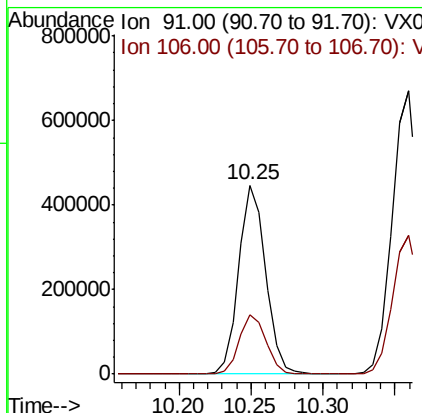
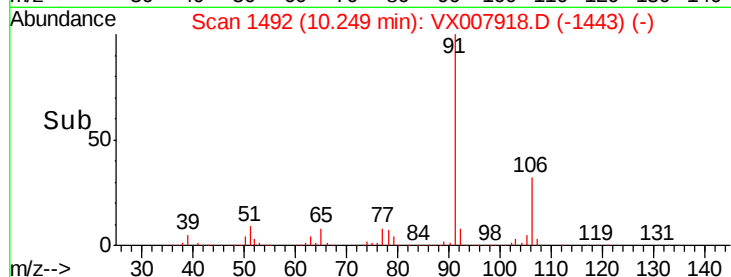
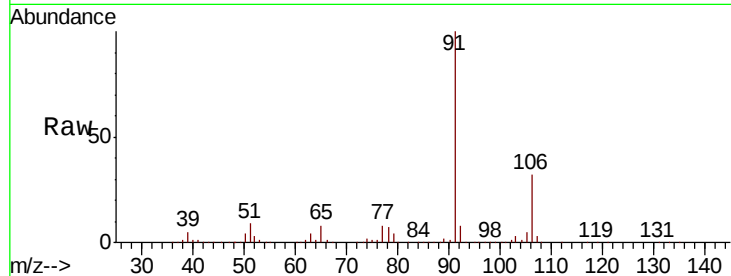
VSTDCCC050EC

Tgt Ion: 91 Resp: 582699

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 100.431 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007918.D

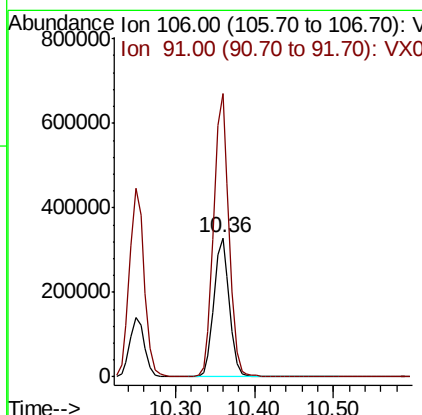
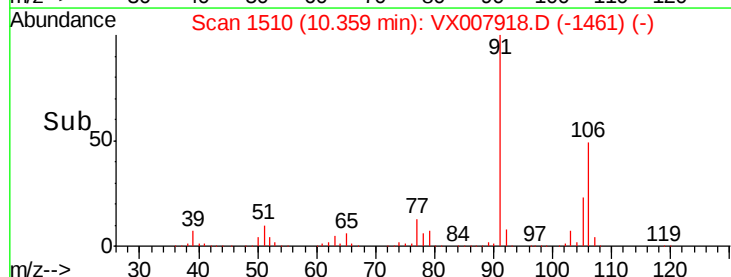
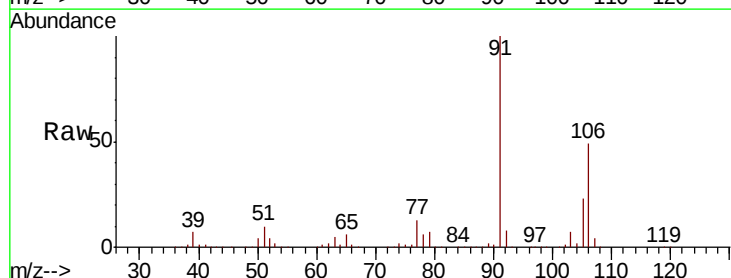
Acq: 08 Mar 2019 07:23

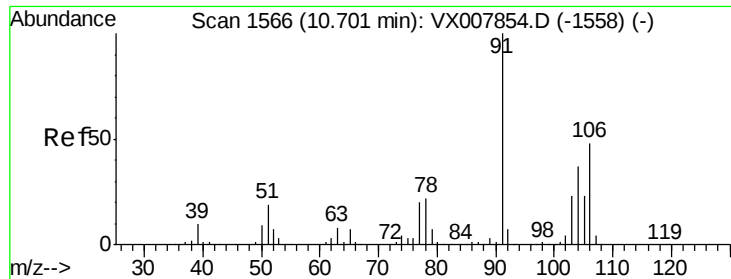
Tgt Ion: 106 Resp: 448963

Ion Ratio Lower Upper

106 100

91 202.3 159.8 239.6

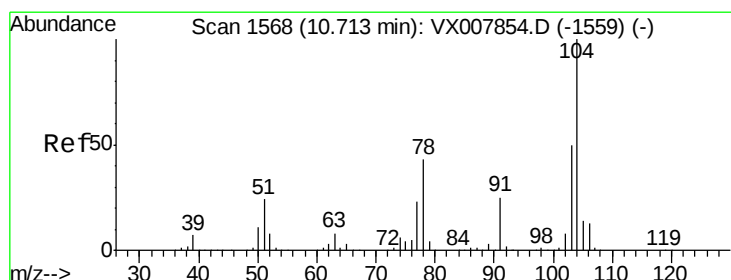
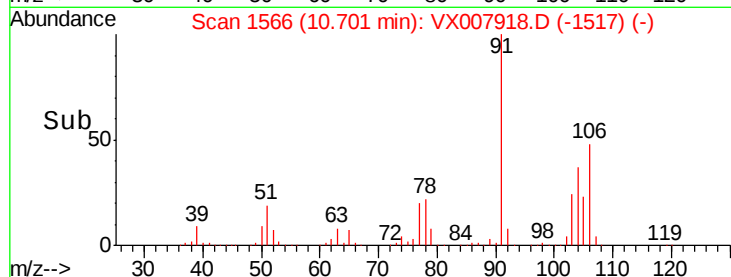
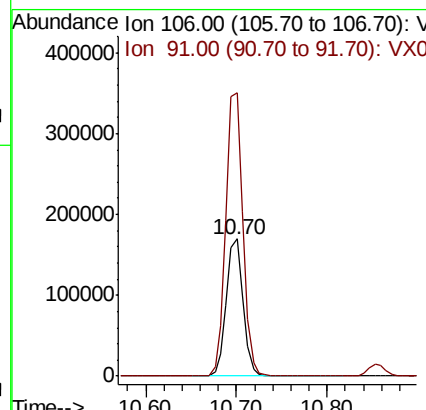
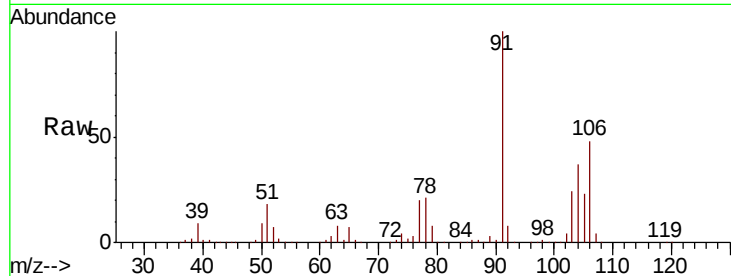




#69
o-Xylene
Concen: 51.046 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

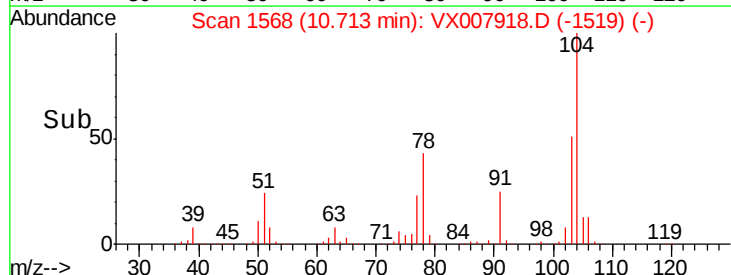
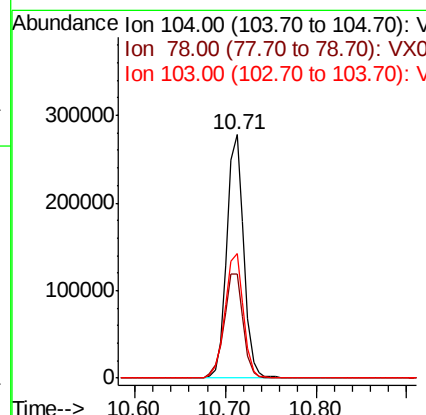
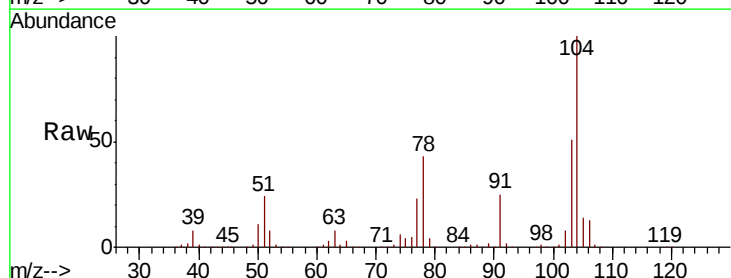
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

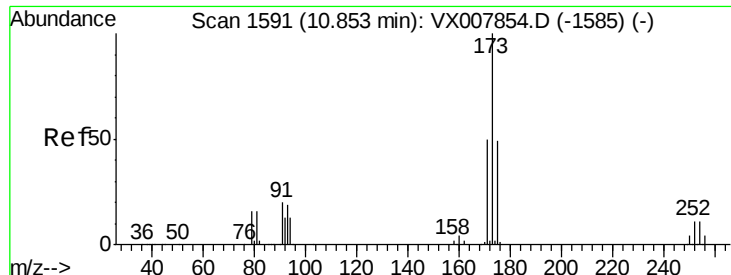
Tgt Ion:106 Resp: 220309
Ion Ratio Lower Upper
106 100
91 210.5 106.3 318.9



#70
Styrene
Concen: 51.295 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion:104 Resp: 362267
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 55.9 44.1 66.1

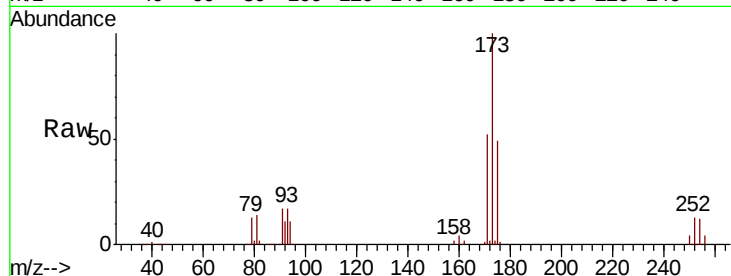




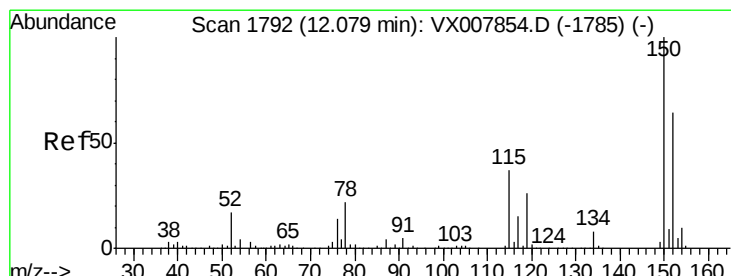
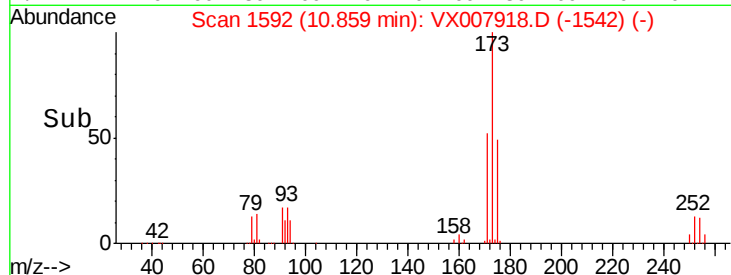
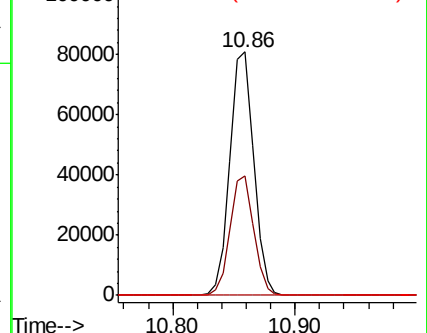
#71
Bromoform
Concen: 50.508 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 109527
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.9
254 0.2 0.1 0.1#

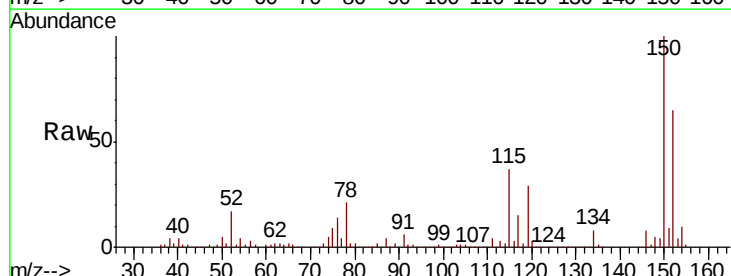


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

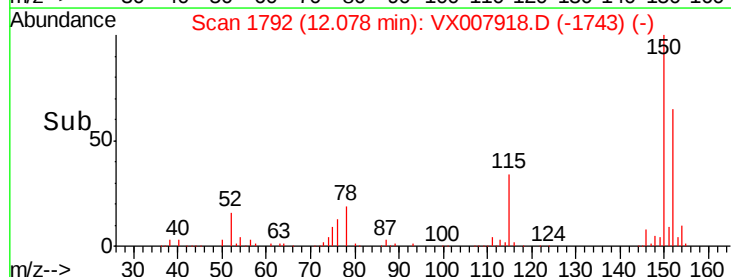
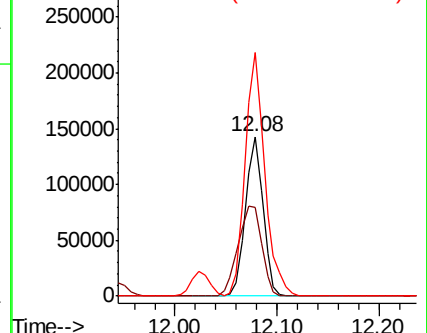


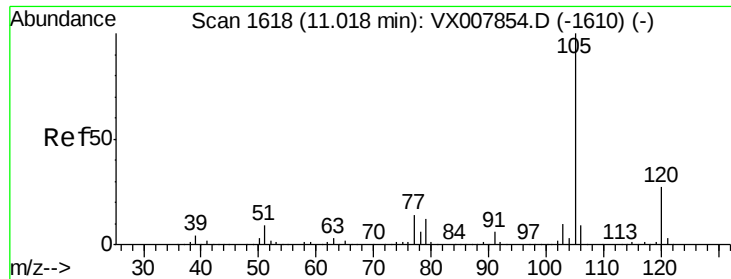
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion:152 Resp: 168840
Ion Ratio Lower Upper
152 100
115 76.4 38.6 115.7
150 171.2 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.192 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

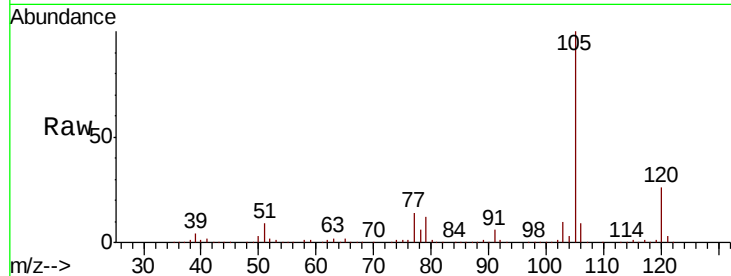
VSTDCCC050EC

Tgt Ion: 105 Resp: 584560

Ion Ratio Lower Upper

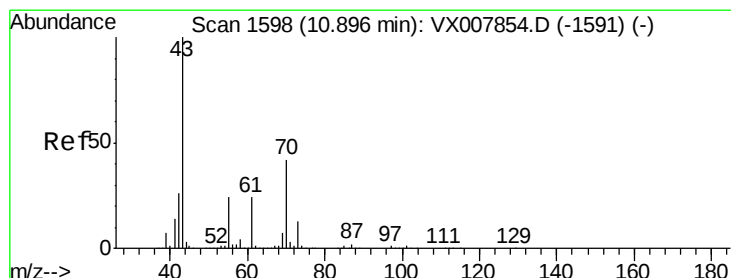
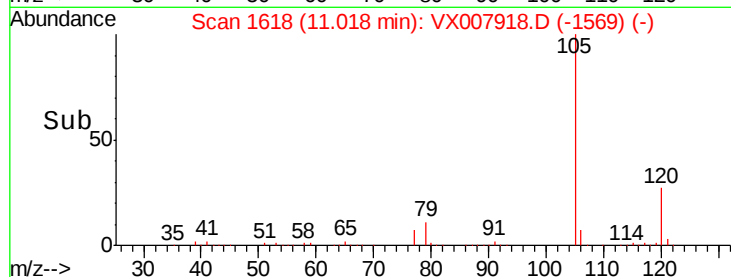
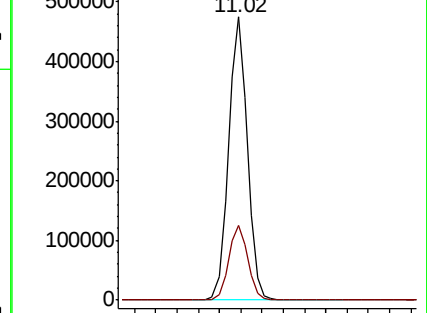
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.622 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Tgt Ion: 43 Resp: 263896

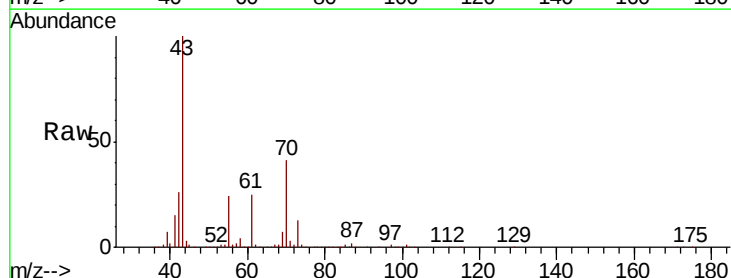
Ion Ratio Lower Upper

43 100

70 42.2 33.5 50.3

55 24.5 19.2 28.8

61 24.5 19.0 28.6

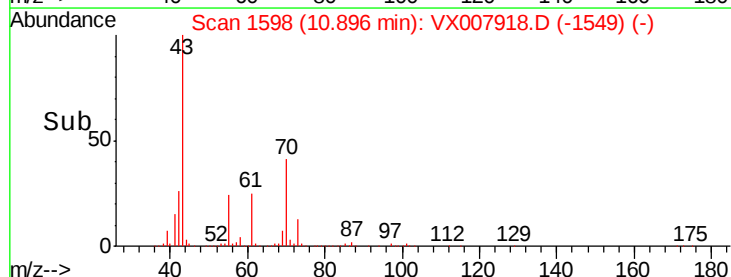
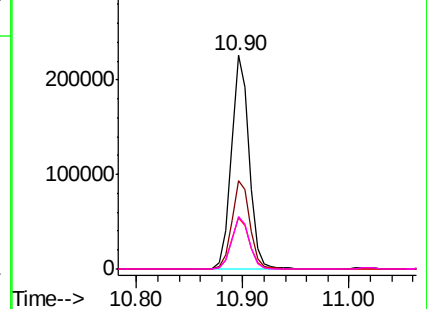


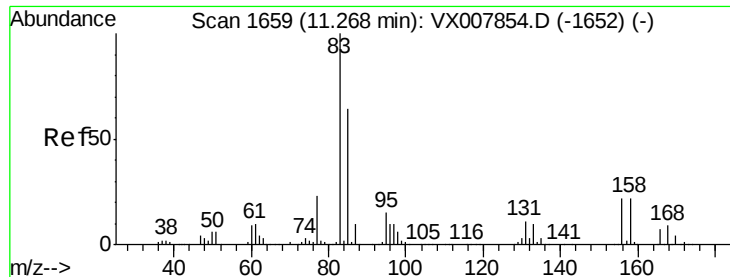
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.676 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

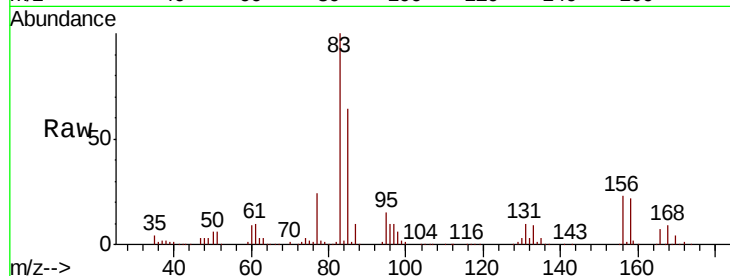
Tgt Ion: 83 Resp: 191725

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

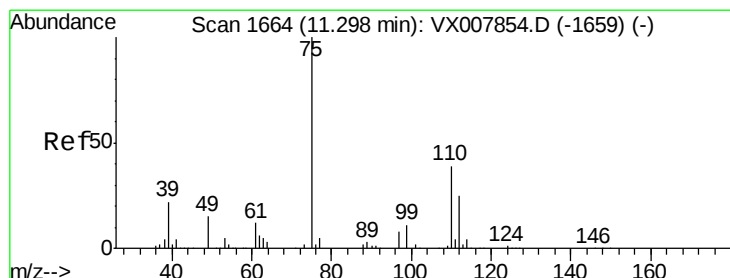
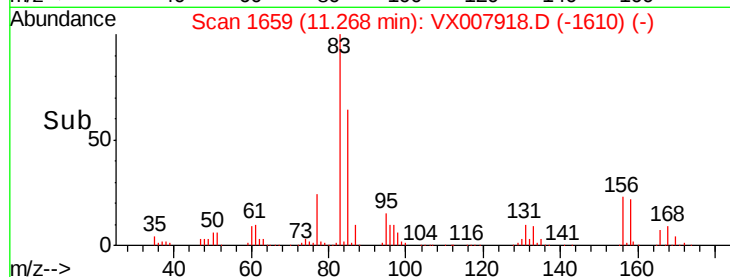
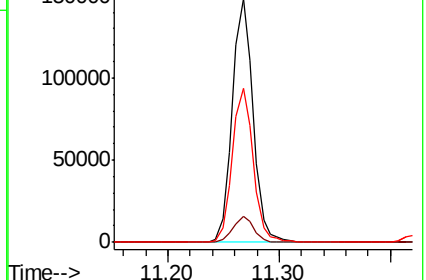
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.448 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007918.D

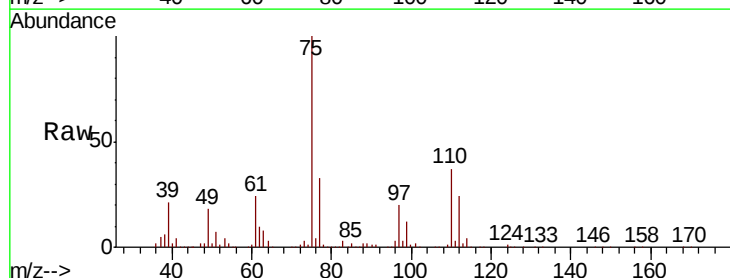
Acq: 08 Mar 2019 07:23

Tgt Ion: 75 Resp: 214167

Ion Ratio Lower Upper

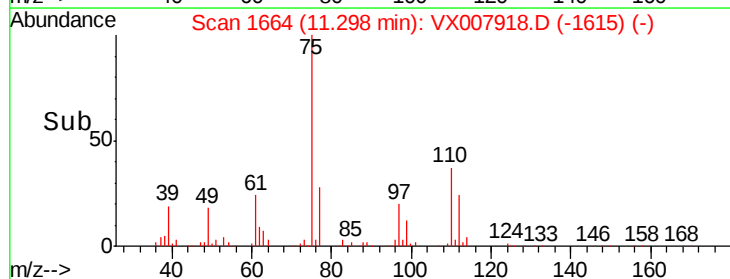
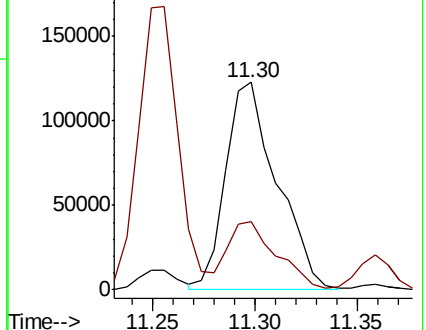
75 100

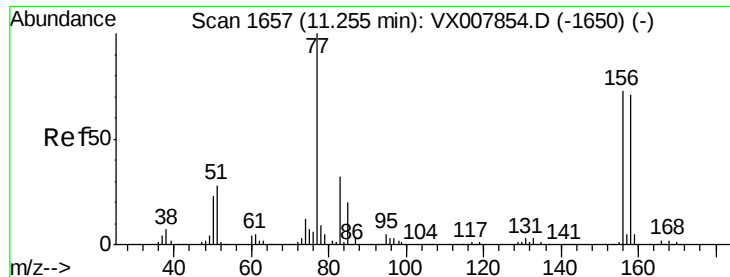
77 31.2 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.542 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

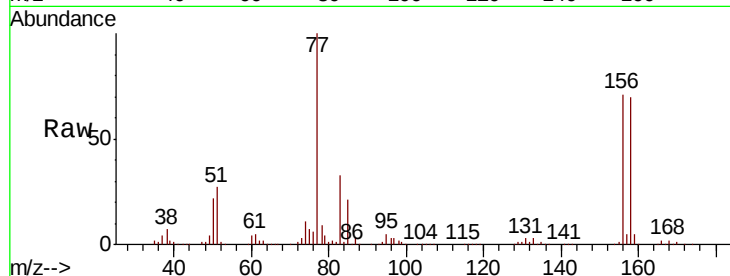
Tgt Ion:156 Resp: 155101

Ion Ratio Lower Upper

156 100

77 146.5 72.0 215.9

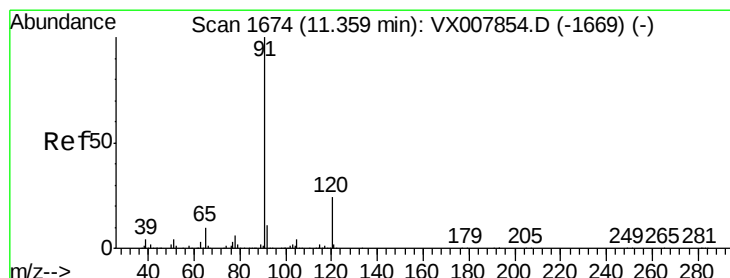
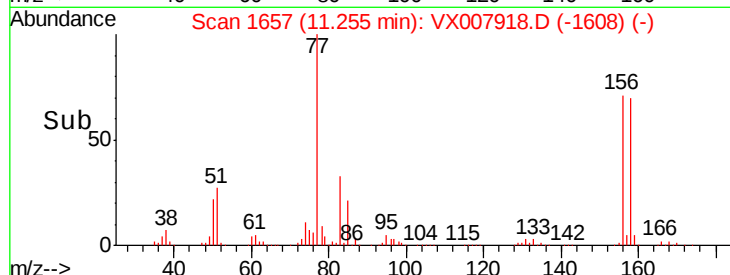
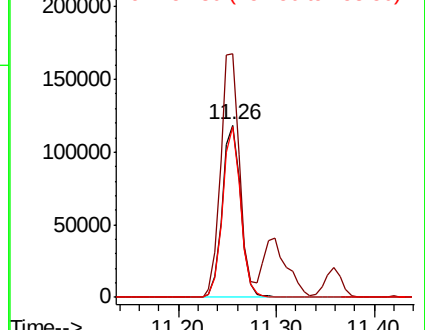
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.788 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007918.D

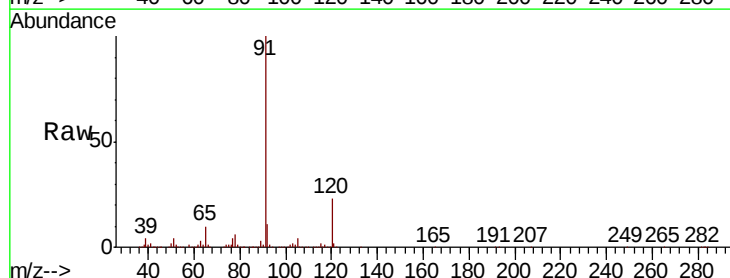
Acq: 08 Mar 2019 07:23

Tgt Ion: 91 Resp: 643378

Ion Ratio Lower Upper

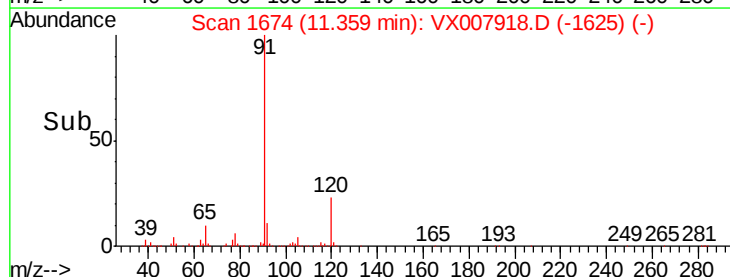
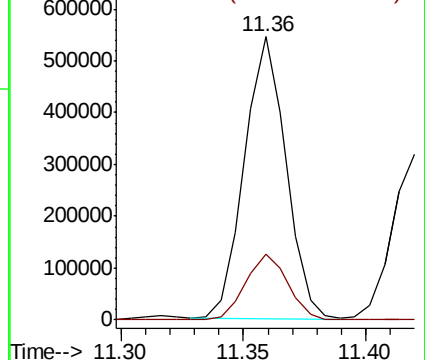
91 100

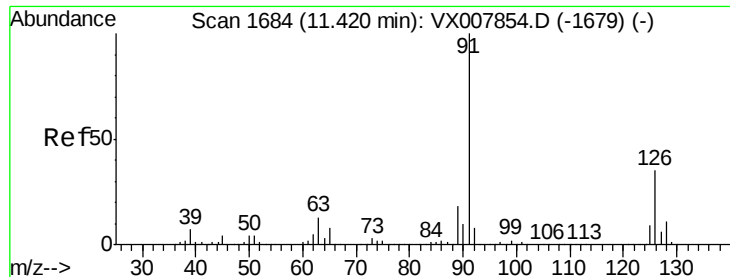
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.057 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

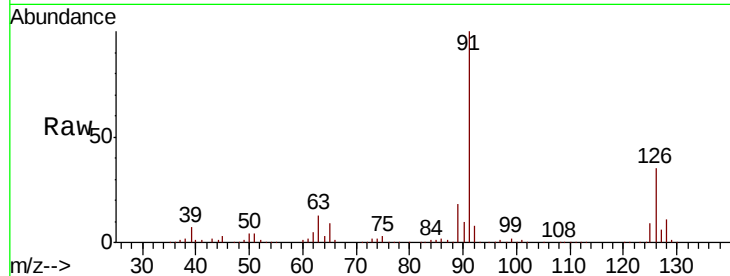
VSTDCCC050EC

Tgt Ion: 91 Resp: 387713

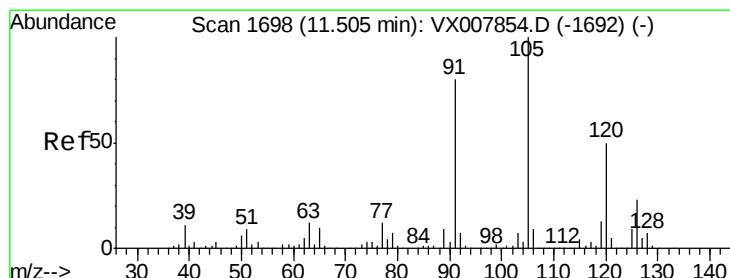
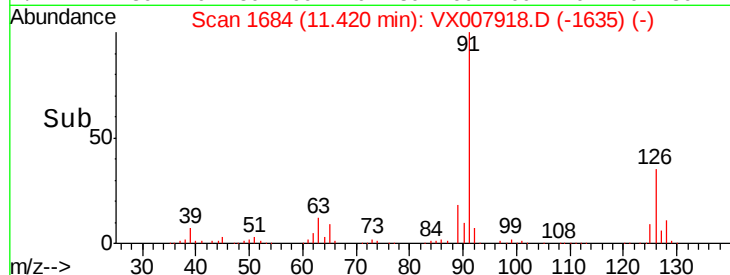
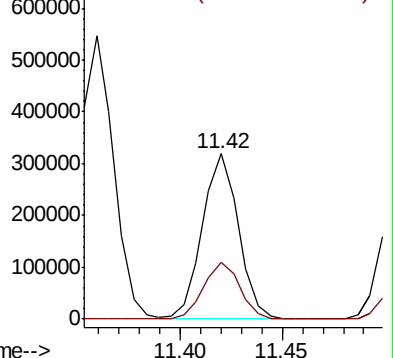
Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.158 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007918.D

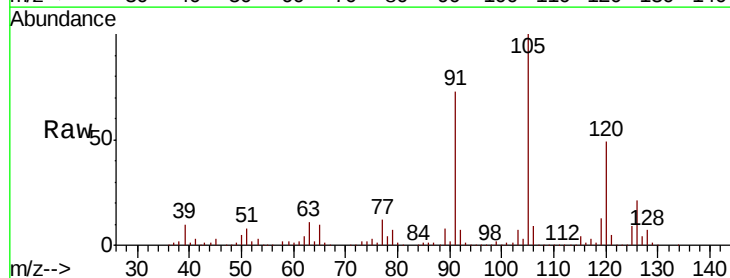
Acq: 08 Mar 2019 07:23

Tgt Ion: 105 Resp: 480806

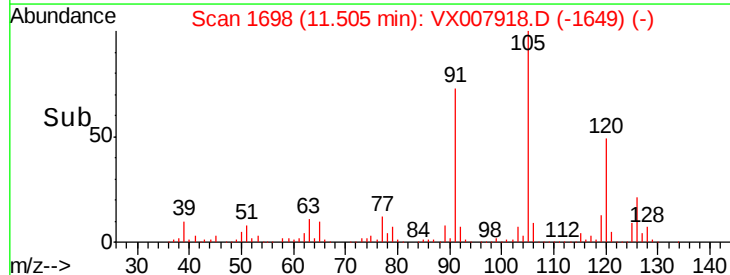
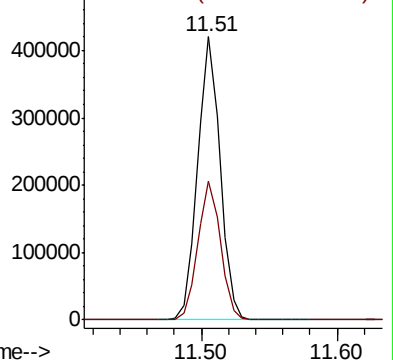
Ion Ratio Lower Upper

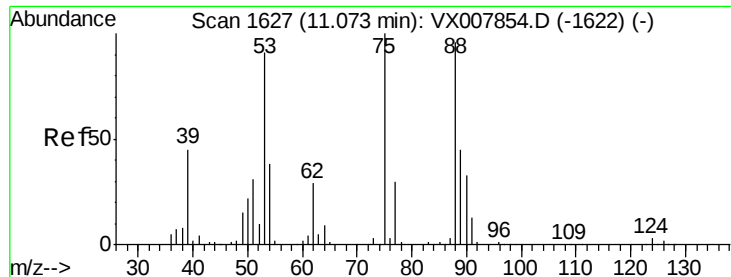
105 100

120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX007854.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.709 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

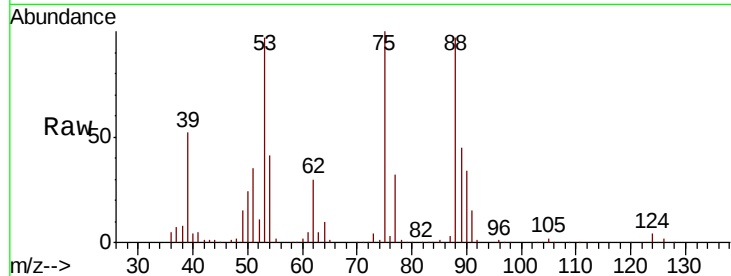
Tgt Ion: 75 Resp: 48447

Ion Ratio Lower Upper

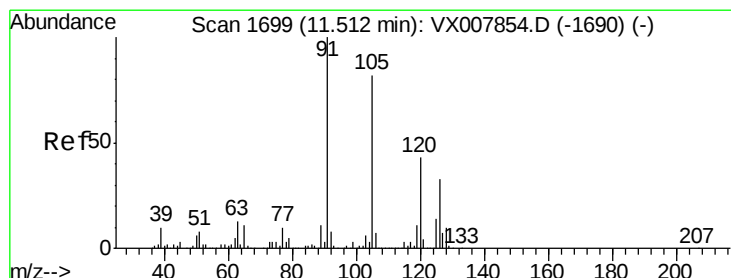
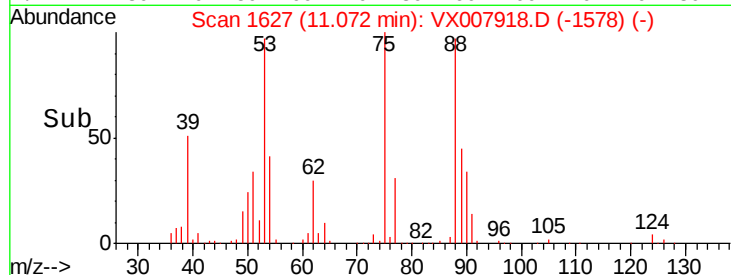
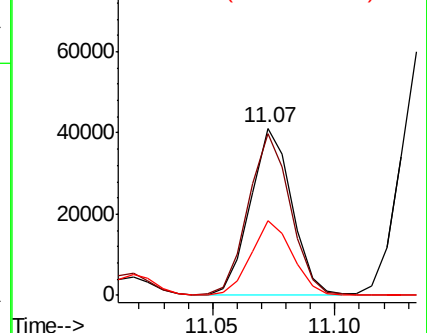
75 100

53 99.2 76.1 114.1

89 44.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.823 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007918.D

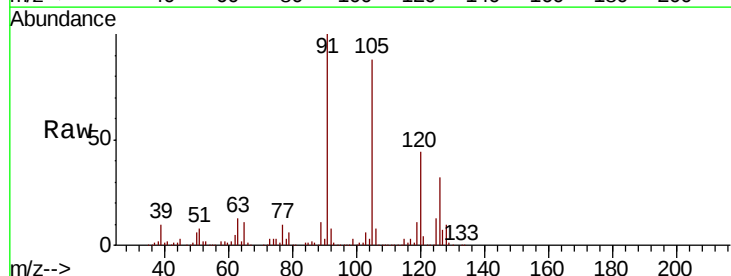
Acq: 08 Mar 2019 07:23

Tgt Ion: 91 Resp: 442248

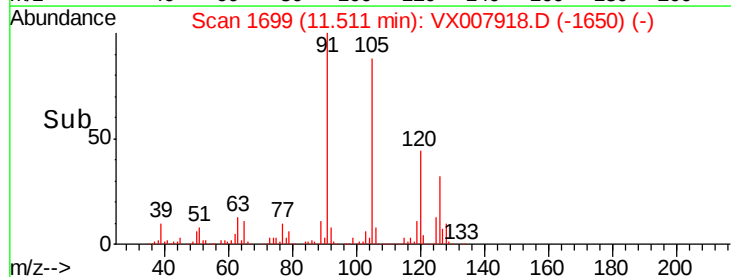
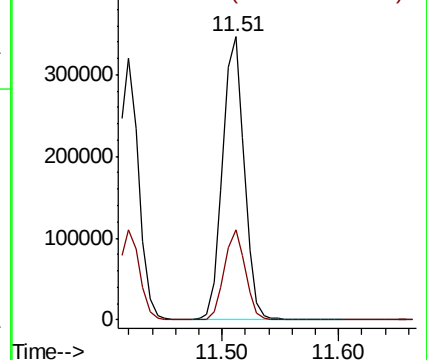
Ion Ratio Lower Upper

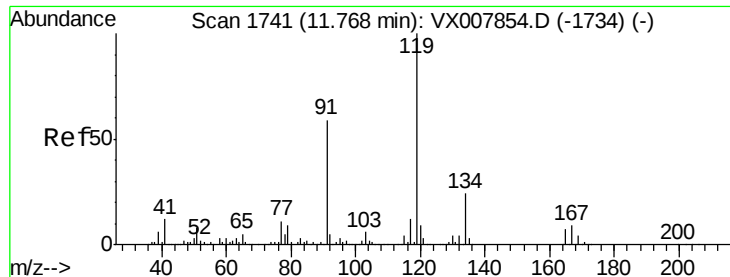
91 100

126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

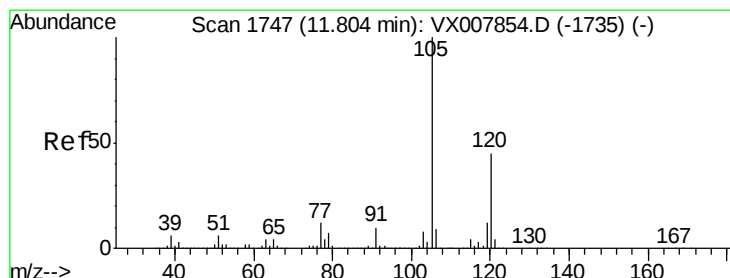
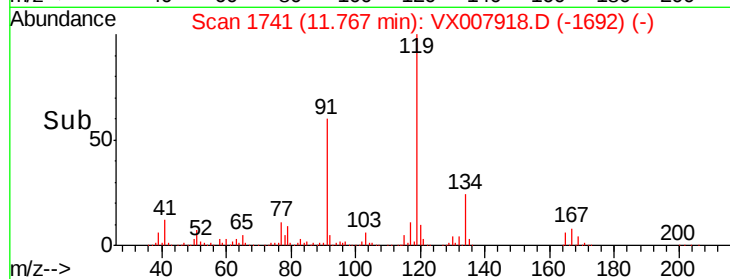
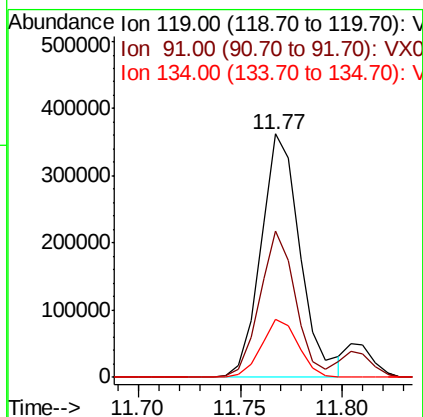
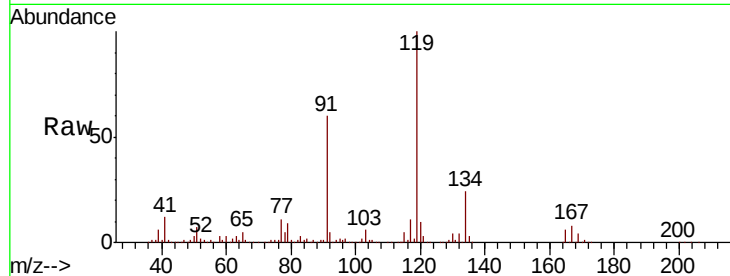




#83
tert-Butylbenzene
Concen: 51.148 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

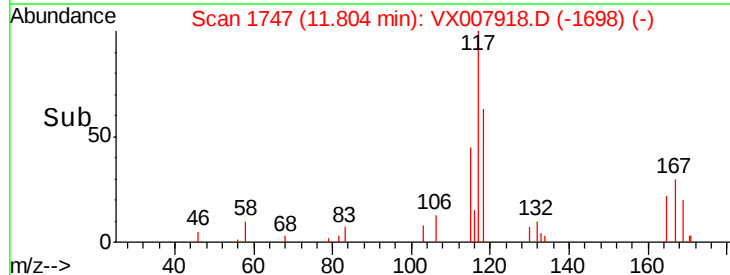
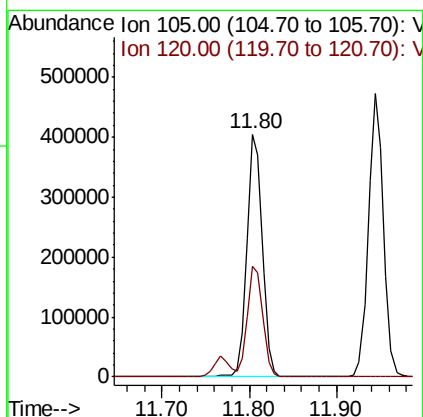
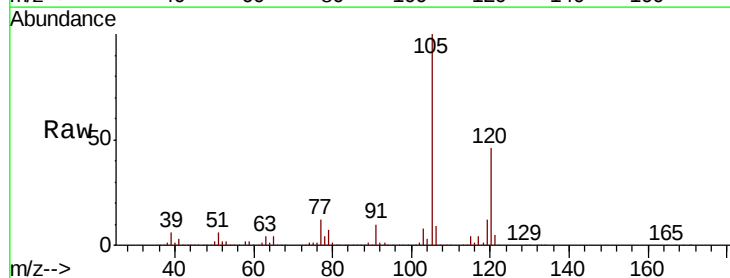
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

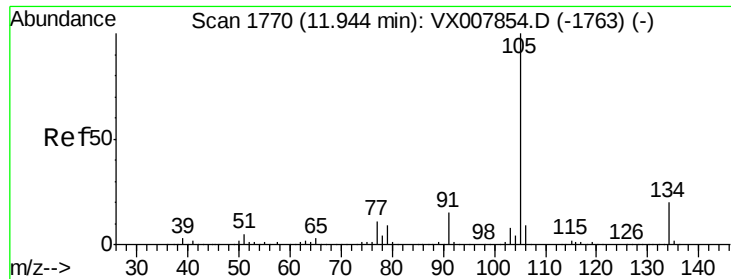
Tgt Ion:119 Resp: 484214
Ion Ratio Lower Upper
119 100
91 54.8 27.1 81.3
134 22.8 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 50.939 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion:105 Resp: 490777
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.7

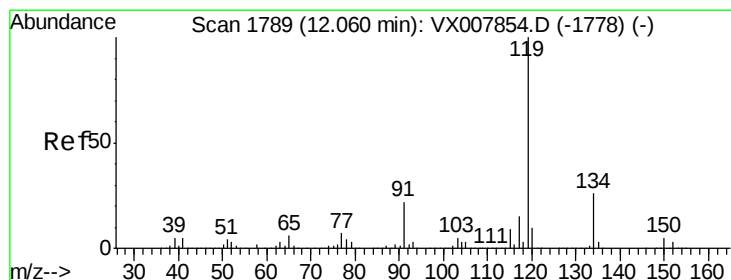
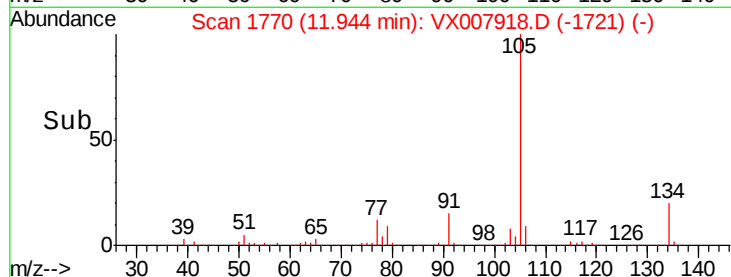
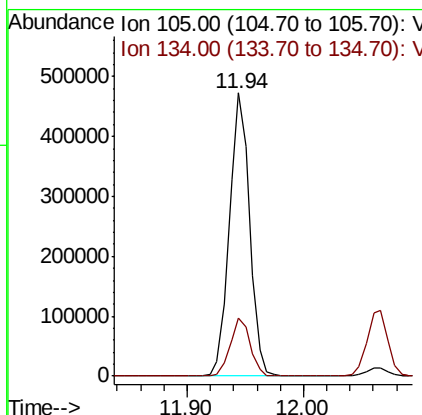
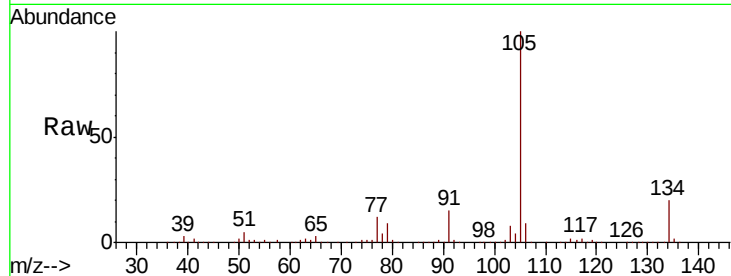




#85
 sec-Butylbenzene
 Concen: 51.106 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

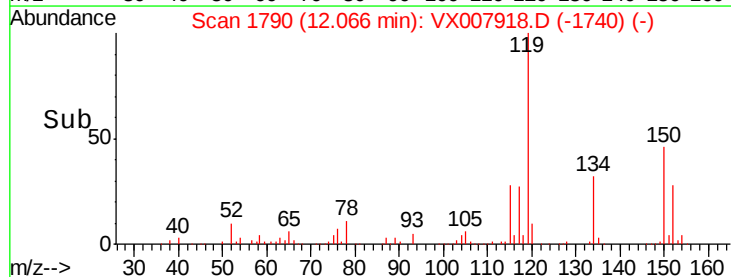
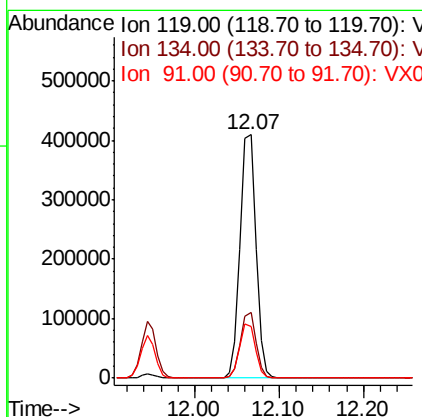
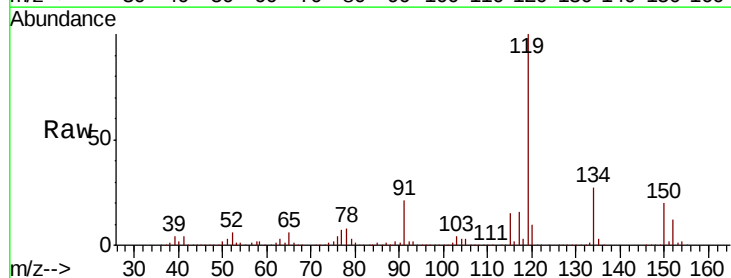
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

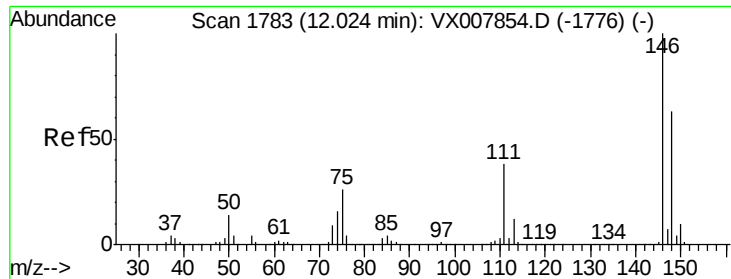
Tgt Ion:105 Resp: 569819
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 51.249 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Tgt Ion:119 Resp: 511741
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 21.9 10.9 32.7

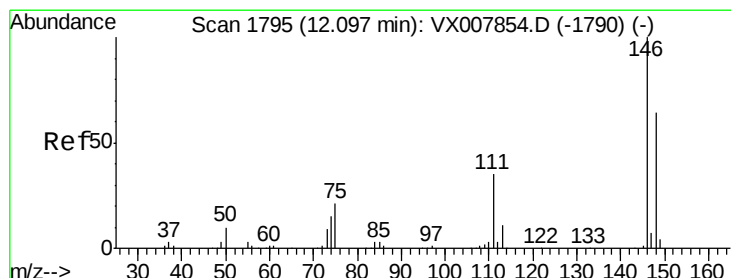
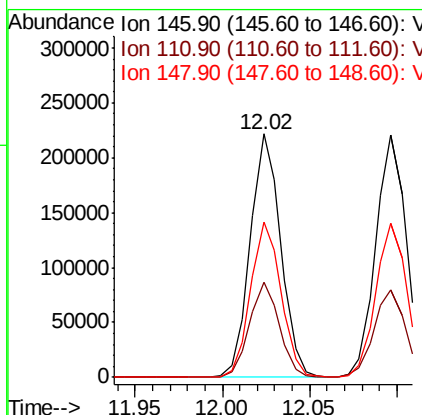
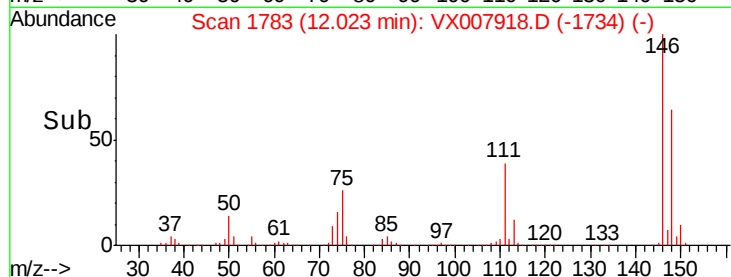
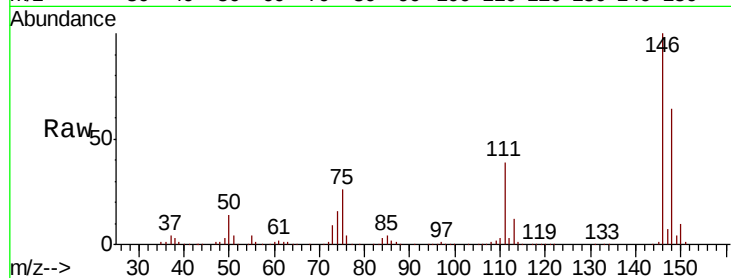




#87
 1,3-Dichlorobenzene
 Concen: 48.552 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

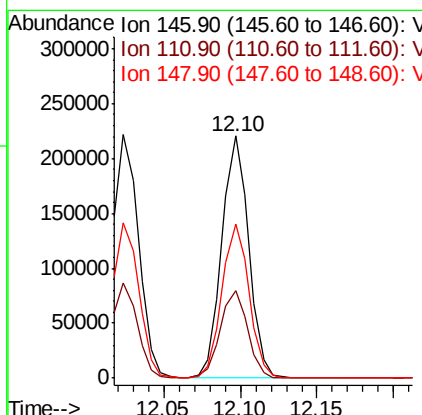
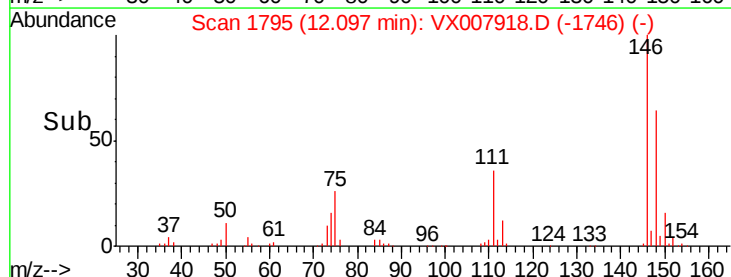
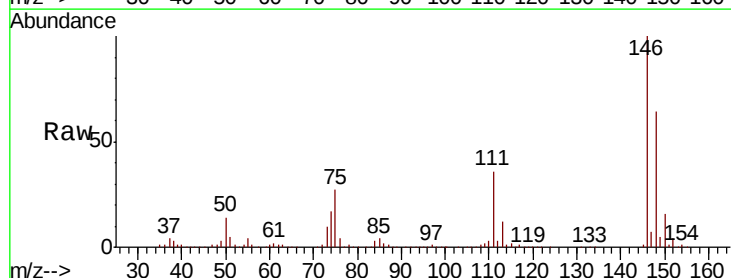
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

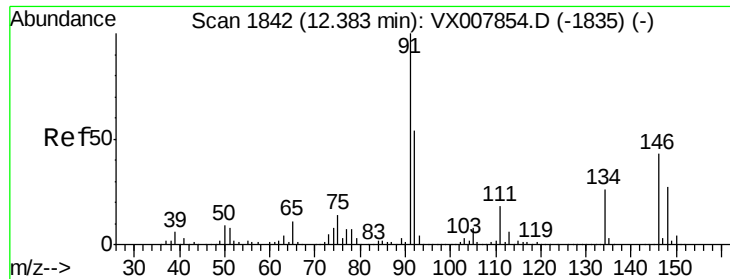
Tgt Ion:146 Resp: 268907
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.7
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.318 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Tgt Ion:146 Resp: 268391
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.0
 148 64.6 32.2 96.6

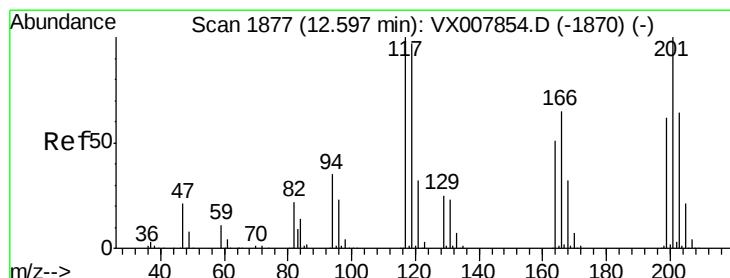
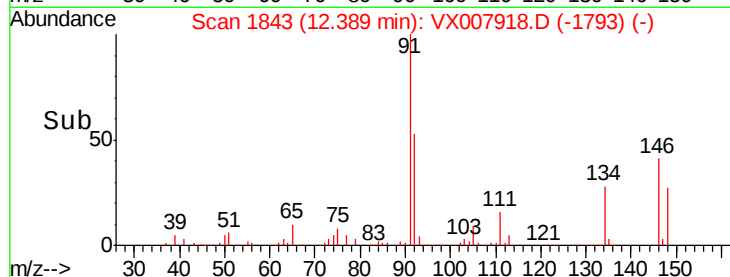
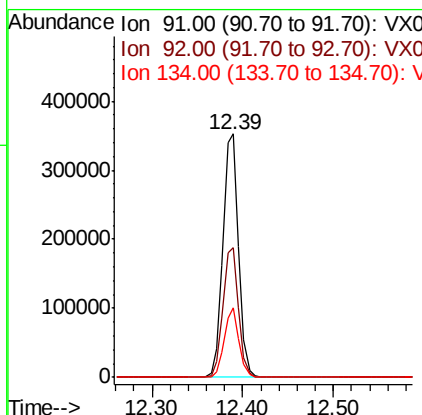
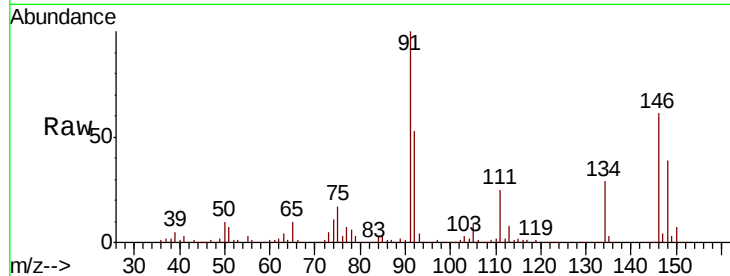




#89
n-Butylbenzene
Concen: 50.163 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

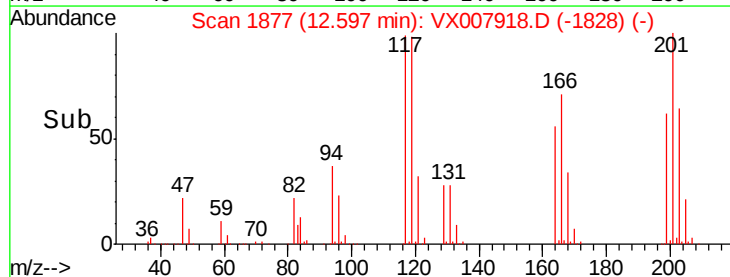
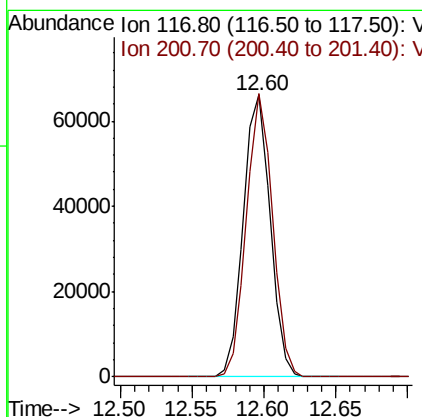
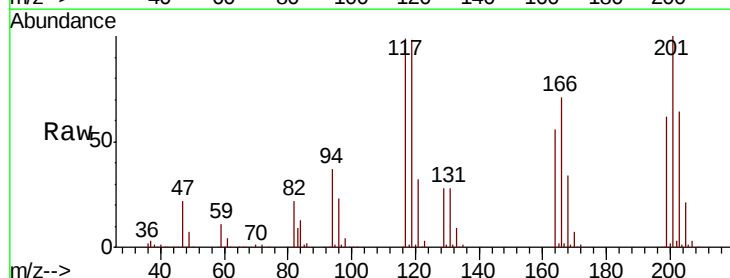
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 424364
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 51.091 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion: 117 Resp: 85298
Ion Ratio Lower Upper
117 100
201 97.5 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 48.860 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

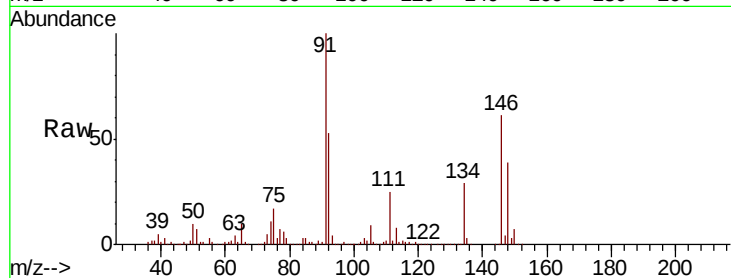
Tgt Ion:146 Resp: 268834

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.8

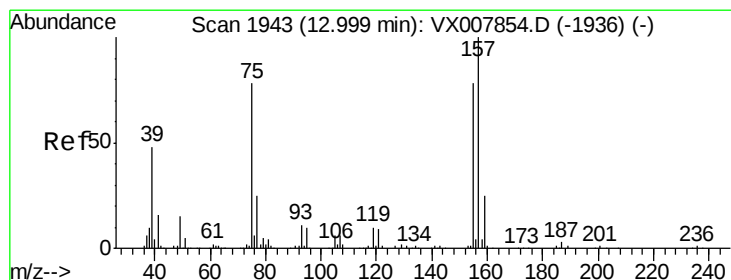
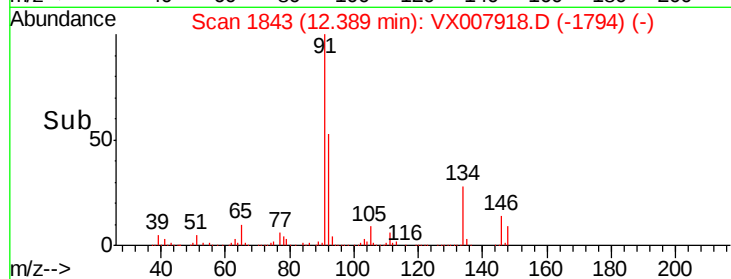
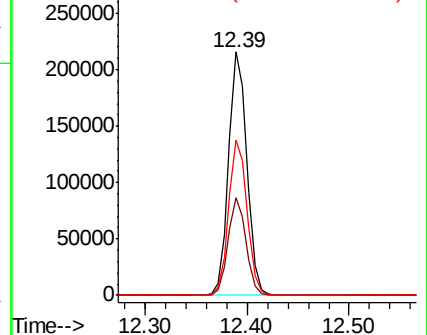
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.374 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007918.D

Acq: 08 Mar 2019 07:23

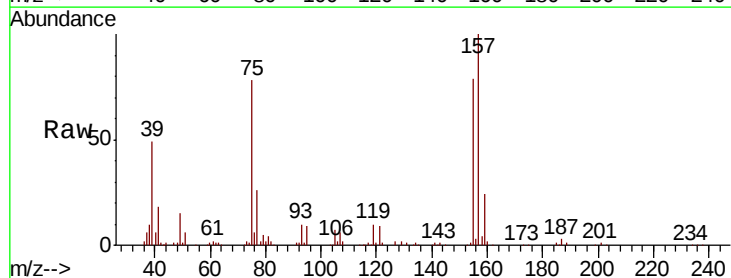
Tgt Ion: 75 Resp: 39820

Ion Ratio Lower Upper

75 100

155 100.8 49.7 149.1

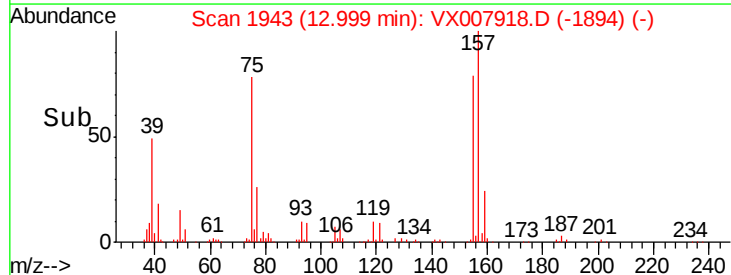
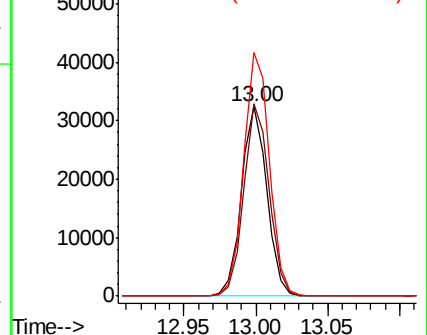
157 129.5 63.8 191.4

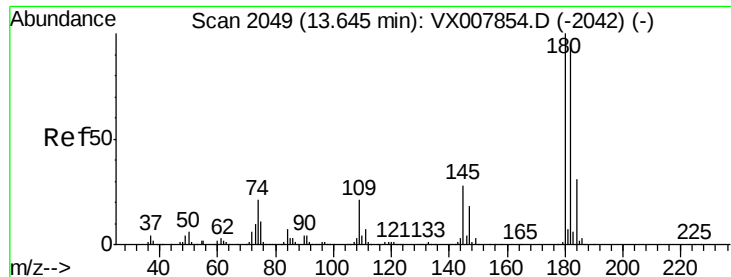


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

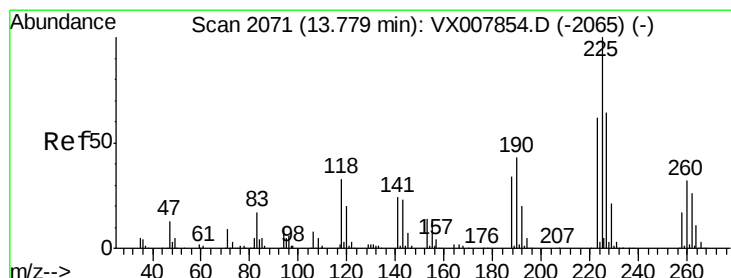
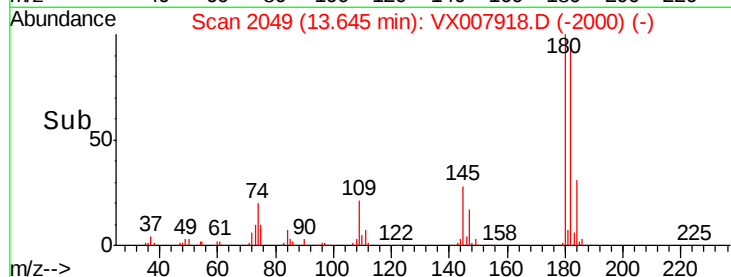
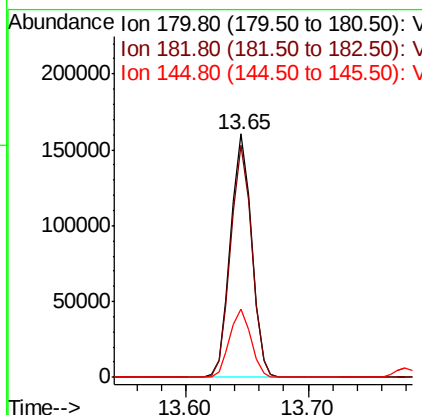
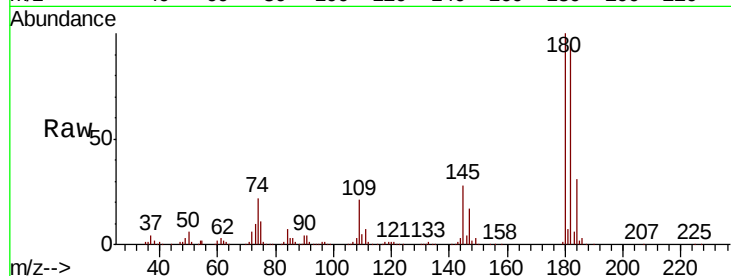




#93
 1,2,4-Trichlorobenzene
 Concen: 49.347 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

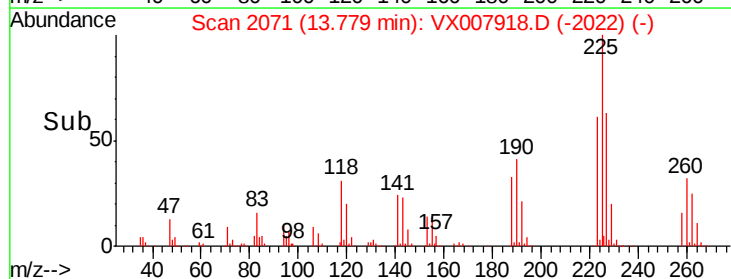
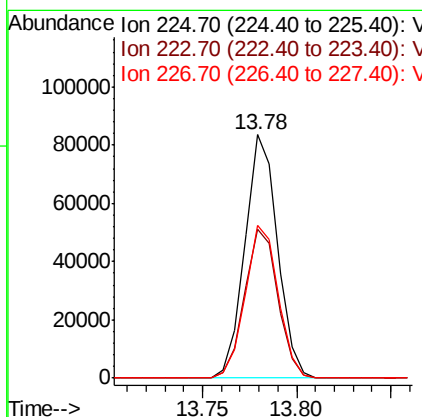
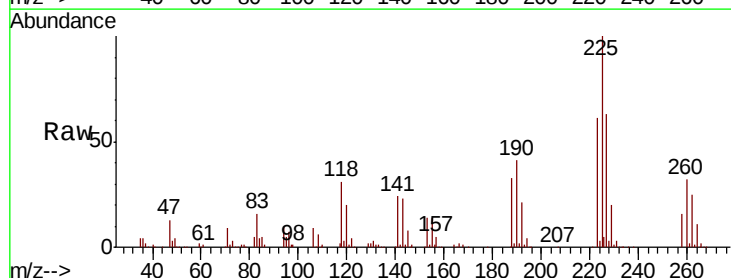
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

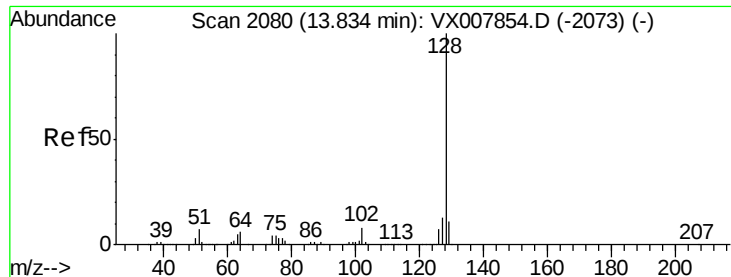
Tgt Ion:180 Resp: 190738
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.7
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.735 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007918.D
 Acq: 08 Mar 2019 07:23

Tgt Ion:225 Resp: 100507
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 63.4 32.0 96.0

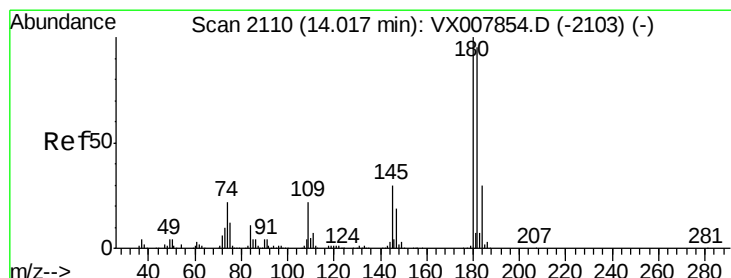
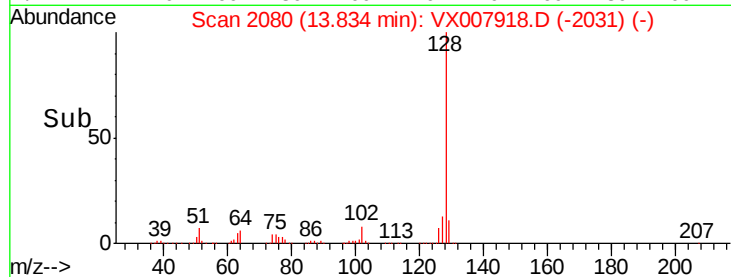
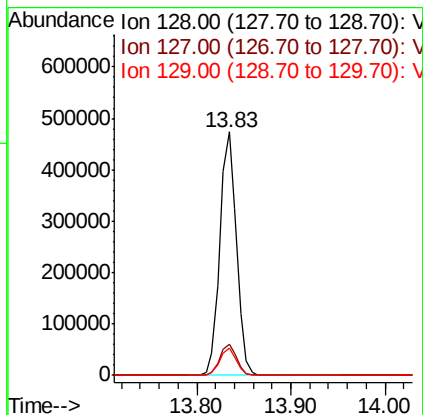
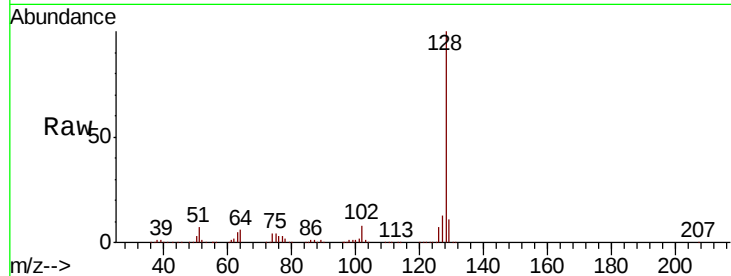




#95
Naphthalene
Concen: 51.839 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 577336
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.886 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007918.D
Acq: 08 Mar 2019 07:23

Tgt Ion:180 Resp: 192084
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 29.9 14.8 44.3

