

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009106.D
 Acq On : 22 Apr 2019 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 23 02:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132009	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	151176	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	
35) Dibromofluoromethane	5.50	113	113409	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
50) Toluene-d8	8.71	98	447069	54.71	ug/l	0.00
Spiked Amount			Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.13	95	156701	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	127680	56.773	ug/l	99
3) Chloromethane	1.32	50	149979	54.320	ug/l	98
4) Vinyl Chloride	1.41	62	145349	54.088	ug/l	99
5) Bromomethane	1.64	94	75758	45.403	ug/l	96
6) Chloroethane	1.71	64	85515	54.116	ug/l	97
7) Trichlorofluoromethane	1.92	101	166873	53.186	ug/l	99
8) Diethyl Ether	2.19	74	74939	52.226	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105665	52.673	ug/l	100
10) Methyl Iodide	2.51	142	121926	55.095	ug/l	100
11) Tert butyl alcohol	3.06	59	168323	275.577	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107124	51.160	ug/l	98
13) Acrolein	2.29	56	127825	242.204	ug/l	99
14) Allyl chloride	2.73	41	252185	55.204	ug/l	100
15) Acrylonitrile	3.14	53	427091	275.451	ug/l	100
16) Acetone	2.45	43	381060	267.042	ug/l	99
17) Carbon Disulfide	2.56	76	321241	52.153	ug/l	100
18) Methyl Acetate	2.78	43	193480	54.327	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	401535	53.819	ug/l	99
20) Methylene Chloride	2.85	84	127647	52.308	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	115608	51.764	ug/l	95
22) Diisopropyl ether	3.85	45	486248	54.777	ug/l	98
23) Vinyl Acetate	3.81	43	2212845	283.586	ug/l	98
24) 1,1-Dichloroethane	3.70	63	238733	53.575	ug/l	99
25) 2-Butanone	4.68	43	641123	281.082	ug/l	99
26) 2,2-Dichloropropane	4.58	77	167818	50.242	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	133877	52.797	ug/l	100
28) Bromochloromethane	5.02	49	101101	54.809	ug/l	100
29) Tetrahydrofuran	5.13	42	424269	277.907	ug/l	99
30) Chloroform	5.21	83	215683	54.090	ug/l	96
31) Cyclohexane	5.57	56	235562	53.748	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	178278	53.944	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168483	51.029	ug/l	99
37) Ethyl Acetate	4.84	43	241709	56.892	ug/l	99
38) Carbon Tetrachloride	5.78	117	148113	52.915	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210731	52.421	ug/l	97
40) Benzene	6.14	78	517541	53.134	ug/l	99
41) Methacrylonitrile	5.04	41	135334	55.502	ug/l	100
42) 1,2-Dichloroethane	6.19	62	183276	53.118	ug/l	99
43) Isopropyl Acetate	6.45	43	377672	55.162	ug/l	99
44) Trichloroethene	7.21	130	120200	50.365	ug/l	99
45) 1,2-Dichloropropane	7.51	63	146240	54.119	ug/l	99
46) Dibromomethane	7.66	93	83714	53.232	ug/l	99
47) Bromodichloromethane	7.90	83	167094	54.173	ug/l	99
48) Methyl methacrylate	7.77	41	190905	56.431	ug/l	99
49) 1,4-Dioxane	7.74	88	68122	1075.864	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1205518	276.382	ug/l	99
52) Toluene	8.79	92	310946	53.267	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	194039	54.662	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	214867	54.057	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125153	54.095	ug/l	99
56) Ethyl methacrylate	9.18	69	229091	55.223	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223861	54.344	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	589509	263.886	ug/l	100
59) 2-Hexanone	9.49	43	908303	270.100	ug/l	99
60) Dibromochloromethane	9.58	129	123692	55.783	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129071	54.054	ug/l	99
64) Tetrachloroethene	9.34	164	107573	50.035	ug/l	97
65) Chlorobenzene	10.13	112	313082	52.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	113892	54.121	ug/l	100
67) Ethyl Benzene	10.25	91	584090	53.489	ug/l	98
68) m/p-Xylenes	10.36	106	420390	105.930	ug/l	100
69) o-Xylene	10.70	106	205166	53.131	ug/l	99
70) Styrene	10.71	104	352529	52.682	ug/l	99
71) Bromoform	10.85	173	89892	53.617	ug/l #	99
73) Isopropylbenzene	11.02	105	539148	53.882	ug/l	100
74) N-amyl acetate	10.90	43	317144	55.201	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193960	53.052	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	233520	72.445	ug/l	80
77) Bromobenzene	11.26	156	130813	51.815	ug/l	98
78) n-propylbenzene	11.36	91	622326	54.187	ug/l	100
79) 2-Chlorotoluene	11.42	91	365947	52.877	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	457291	54.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68559	54.604	ug/l	98
82) 4-Chlorotoluene	11.51	91	422544	52.571	ug/l	100
83) tert-Butylbenzene	11.77	119	433380	53.759	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	457808	53.562	ug/l	100
85) sec-Butylbenzene	11.94	105	515217	53.586	ug/l	99
86) p-Isopropyltoluene	12.06	119	472372	53.438	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	226393	51.236	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	228465	51.005	ug/l	99
89) n-Butylbenzene	12.38	91	439175	53.347	ug/l	100
90) Hexachloroethane	12.60	117	80186	54.992	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	228878	52.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44014	52.875	ug/l	98

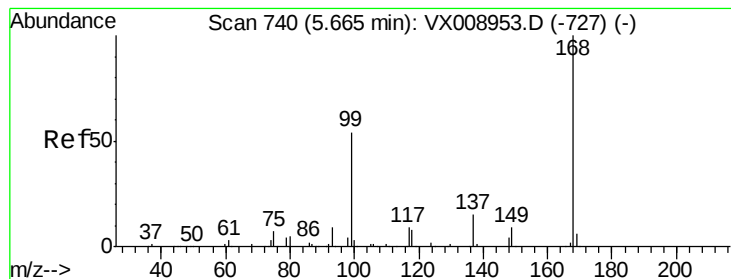
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162393	51.558	ug/l	100
94) Hexachlorobutadiene	13.78	225	81901	52.136	ug/l	100
95) Naphthalene	13.83	128	532771	52.796	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161594	51.998	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

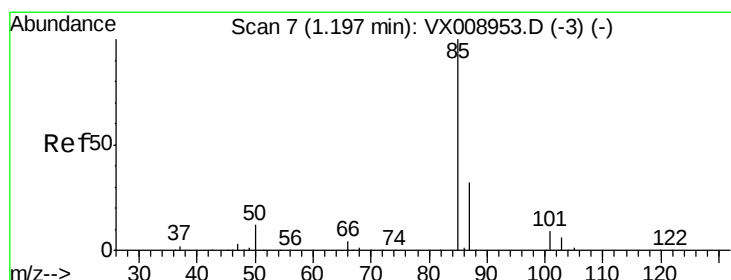
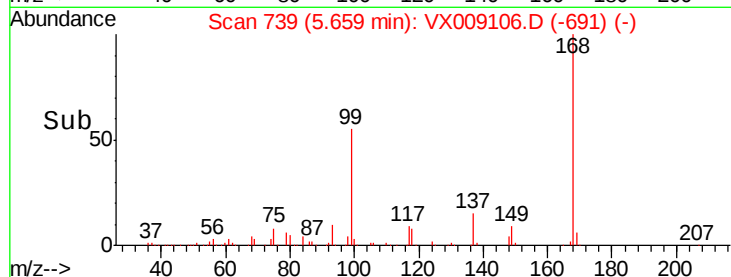
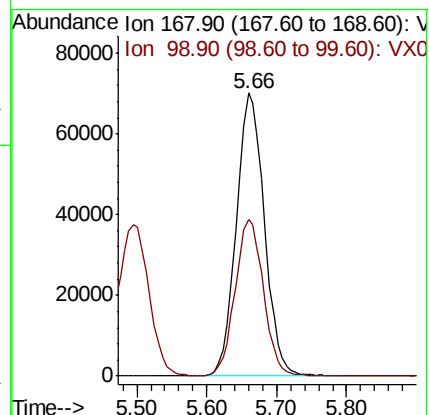
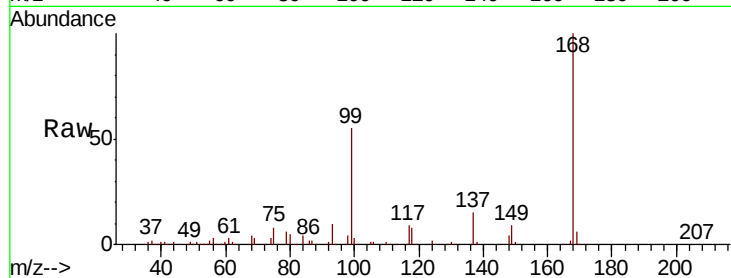
VSTDCCC050EC

Tot Ion:168 Resp: 195255

Ion Ratio Lower Upper

168 100

99 55.1 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 56.773 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009106.D

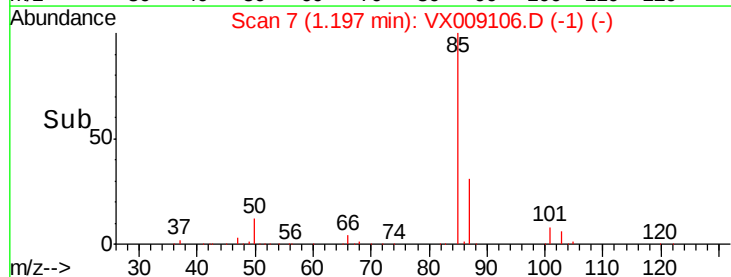
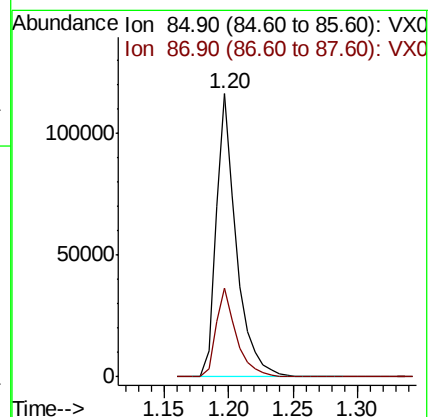
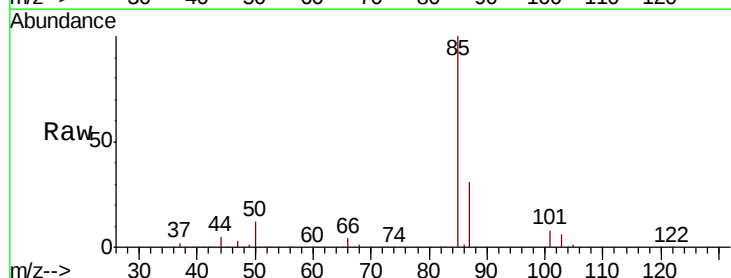
Acq: 22 Apr 2019 18:42

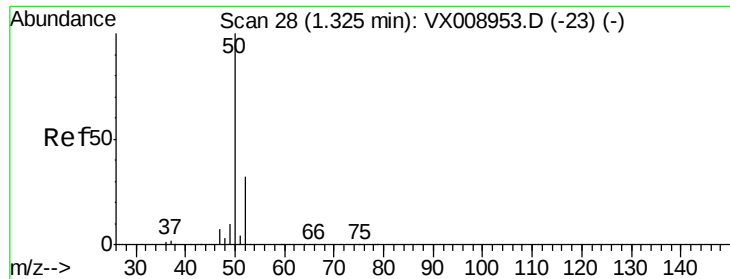
Tgt Ion: 85 Resp: 127680

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9





#3

Chloromethane

Concen: 54.320 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

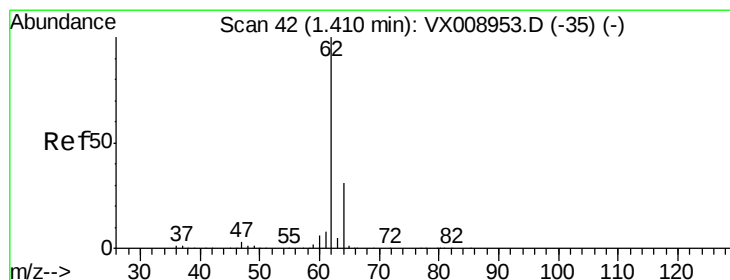
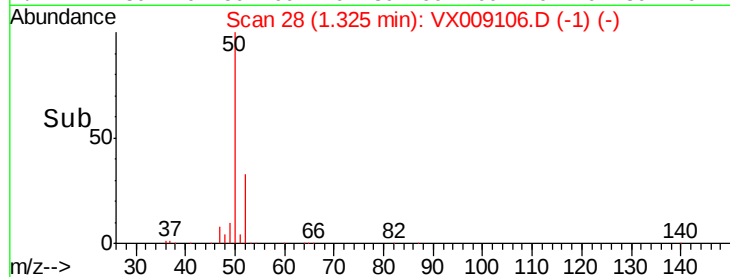
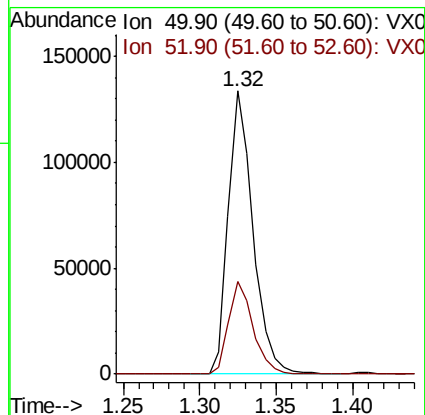
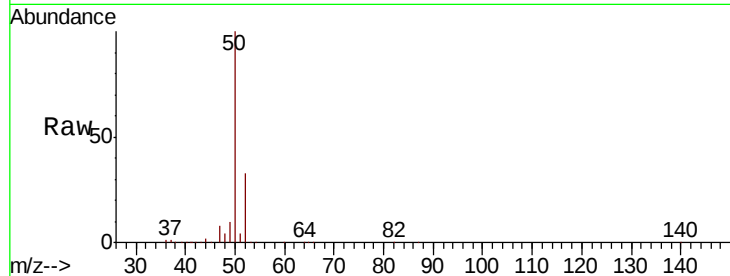
VSTDCCC050EC

Tot Ion: 50 Resp: 149979

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 54.088 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009106.D

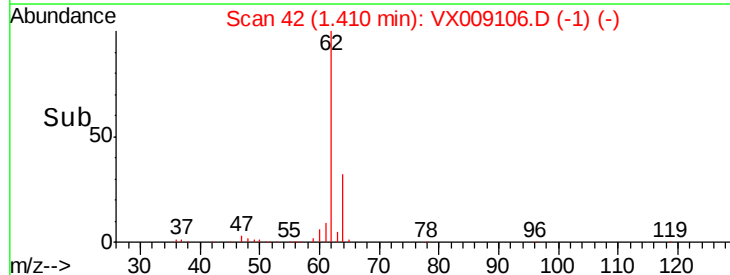
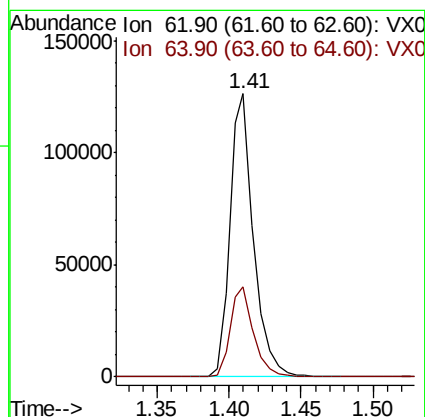
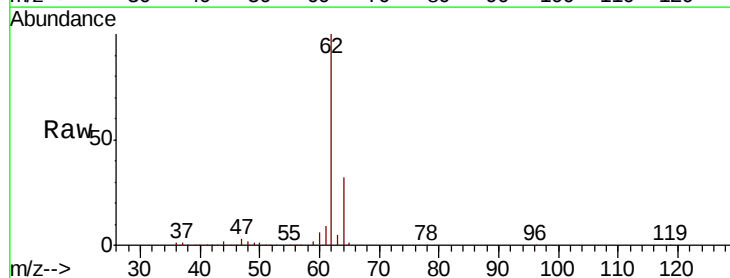
Acq: 22 Apr 2019 18:42

Tgt Ion: 62 Resp: 145349

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4





#5

Bromomethane

Concen: 45.403 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

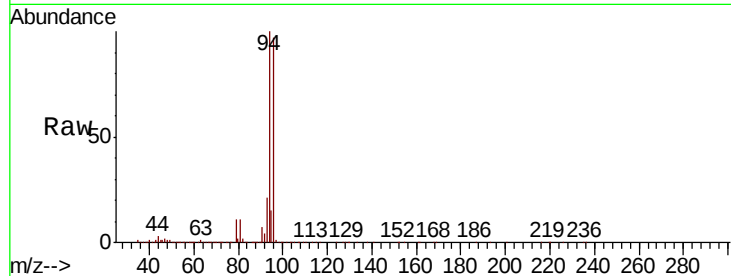
VSTDCCC050EC

Tot Ion: 94 Resp: 75758

Ion Ratio Lower Upper

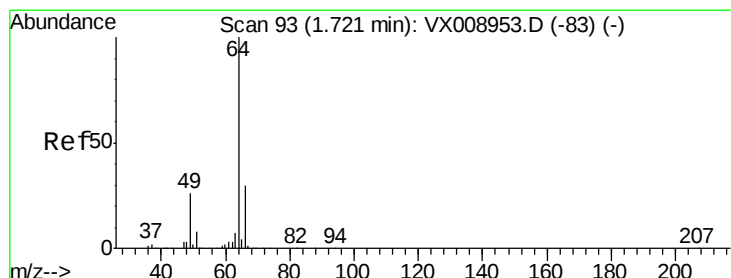
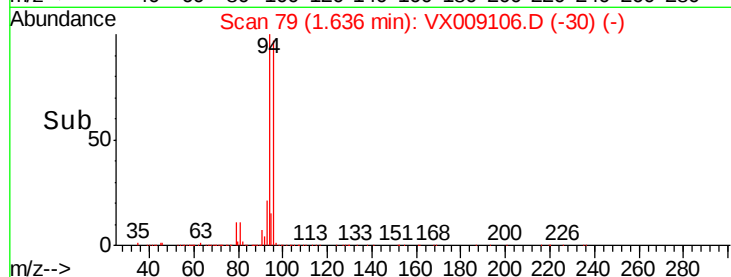
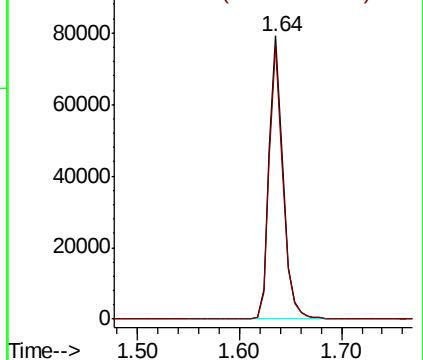
94 100

96 96.6 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.116 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009106.D

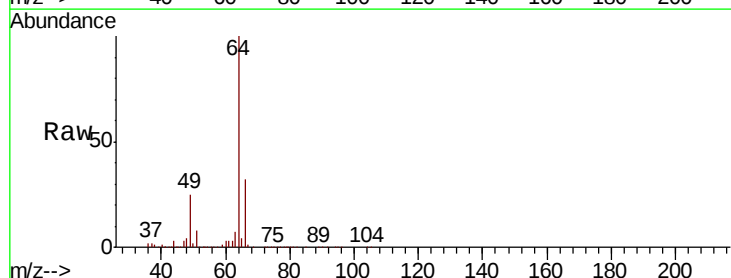
Acq: 22 Apr 2019 18:42

Tgt Ion: 64 Resp: 85515

Ion Ratio Lower Upper

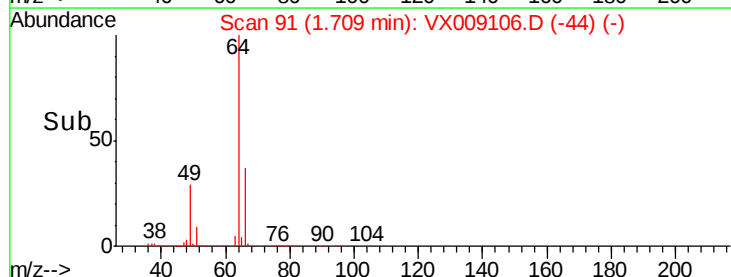
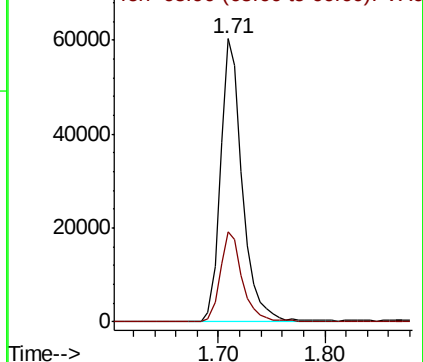
64 100

66 31.6 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



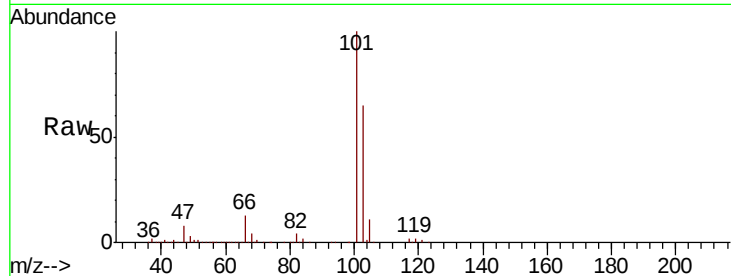


#7

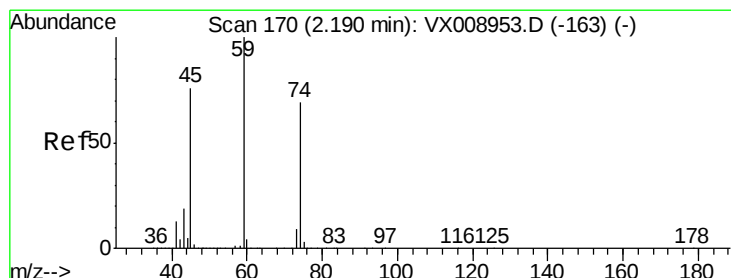
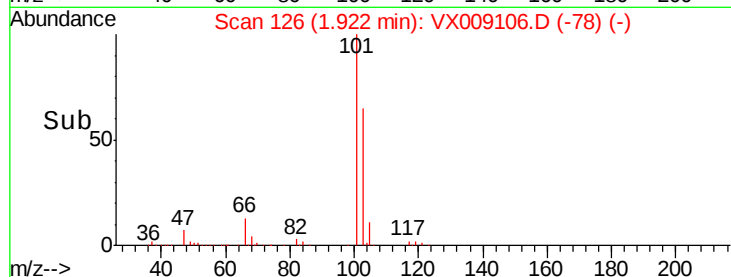
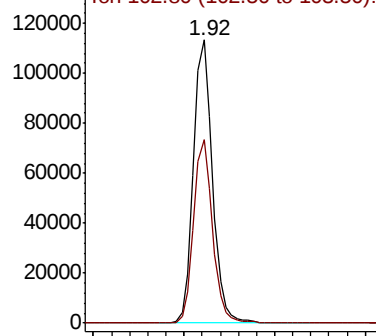
Trichlorofluoromethane
 Concen: 53.186 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

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Tot Ion:101 Resp: 166873
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.0 76.6



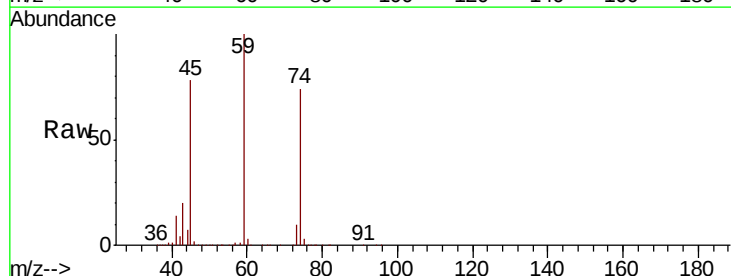
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



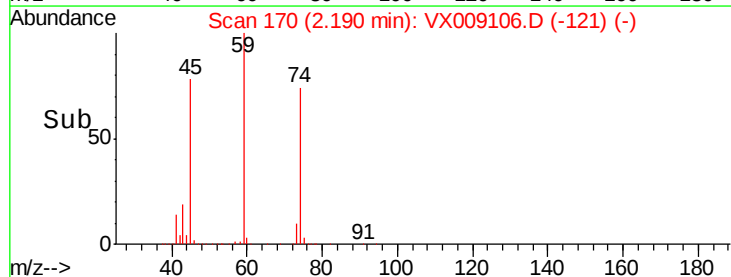
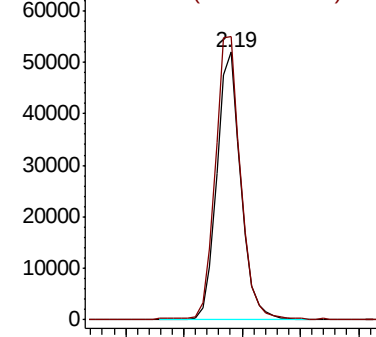
#8

Diethyl Ether
 Concen: 52.226 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 74 Resp: 74939
 Ion Ratio Lower Upper
 74 100
 45 109.4 54.9 164.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.673 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

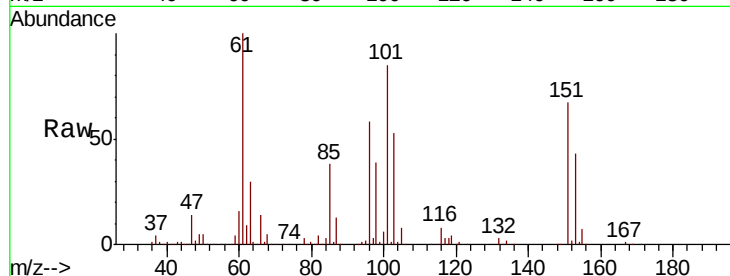
Tot Ion:101 Resp: 105665

Ion Ratio Lower Upper

101 100

85 44.8 35.7 53.5

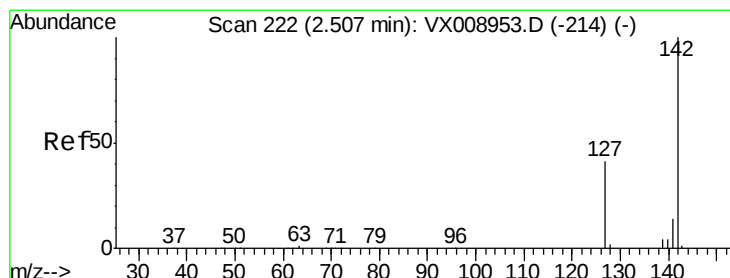
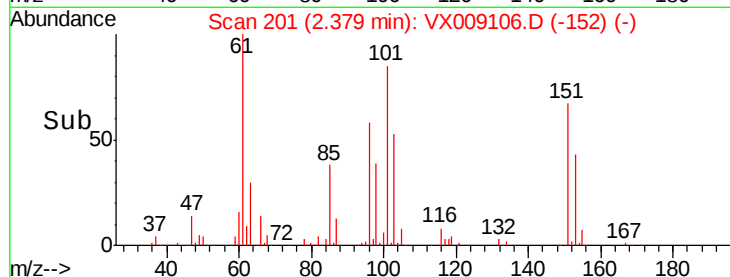
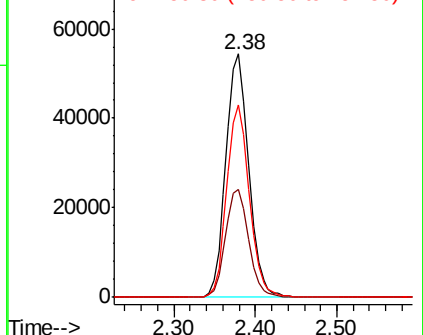
151 77.9 62.7 94.1



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: 55.095 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

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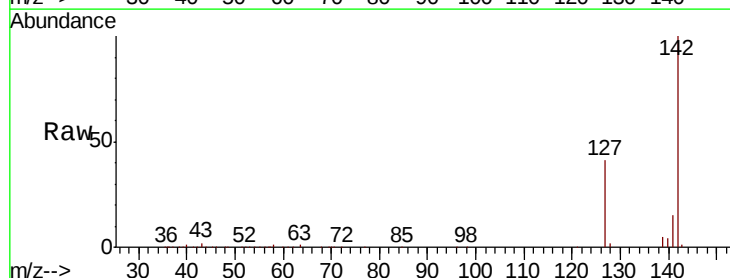
Tgt Ion:142 Resp: 121926

Ion Ratio Lower Upper

142 100

127 40.9 32.8 49.2

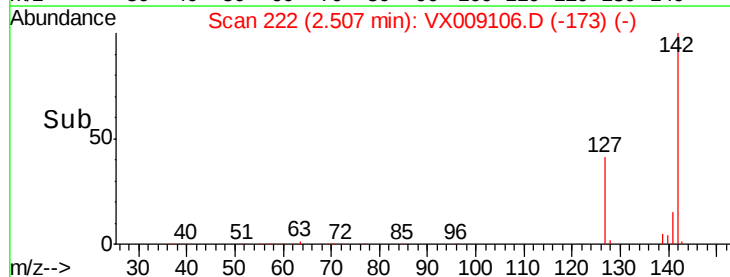
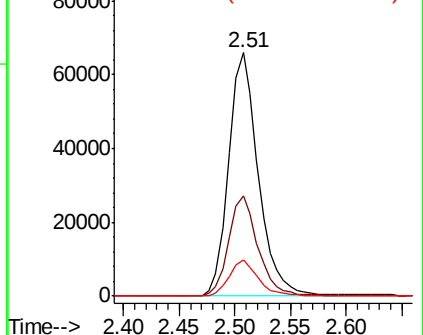
141 14.5 11.4 17.2

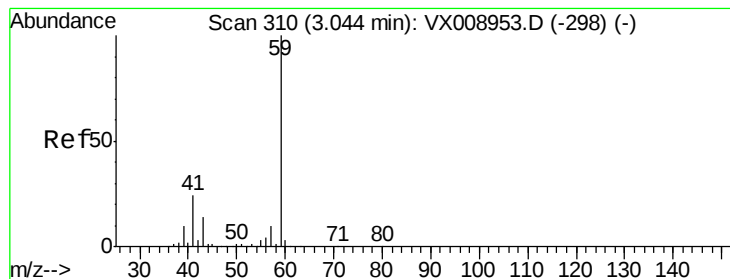


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



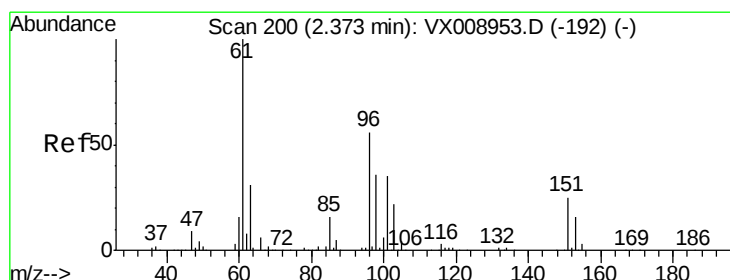
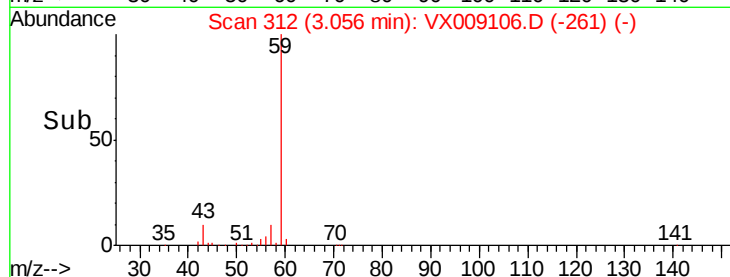
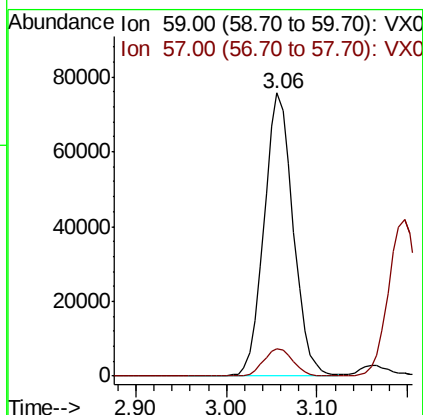
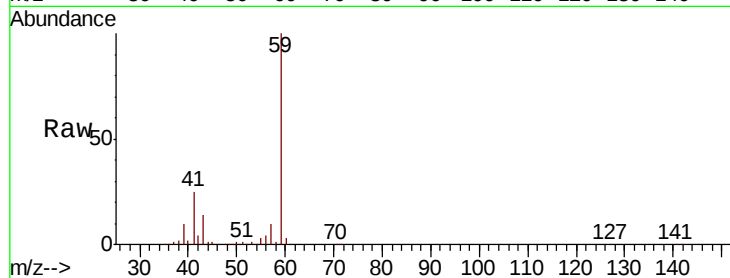


#11

Tert butyl alcohol
 Concen: 275.577 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

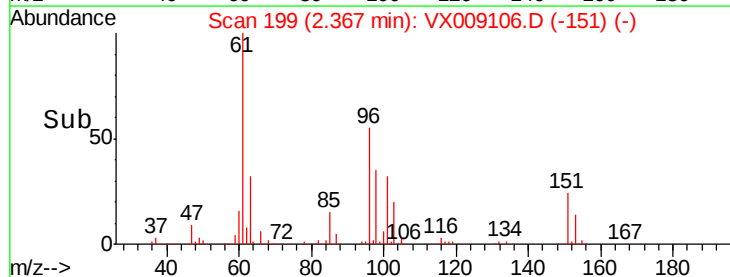
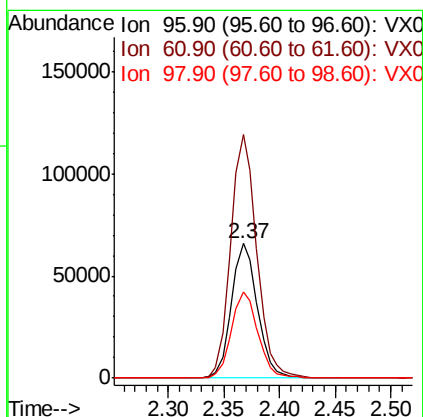
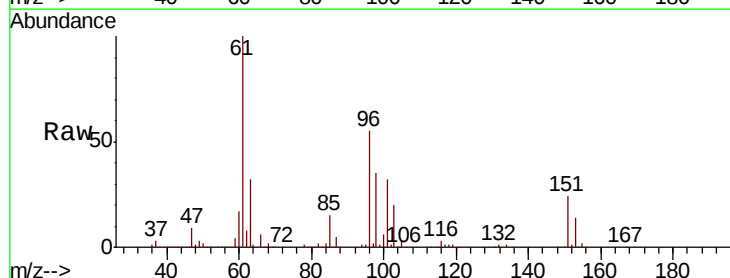
Tot Ion: 59 Resp: 168323
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

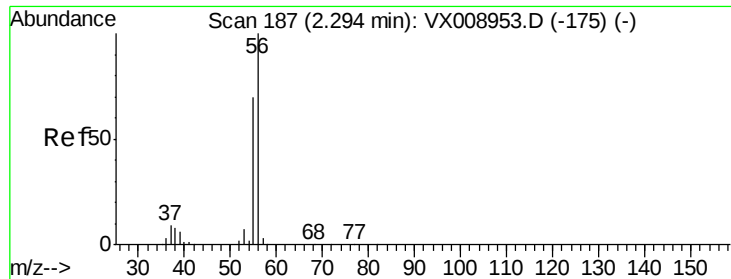


#12

1,1-Dichloroethene
 Concen: 51.160 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 96 Resp: 107124
 Ion Ratio Lower Upper
 96 100
 61 180.9 142.2 213.2
 98 63.7 50.9 76.3





#13

Acrolein

Concen: 242.204 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

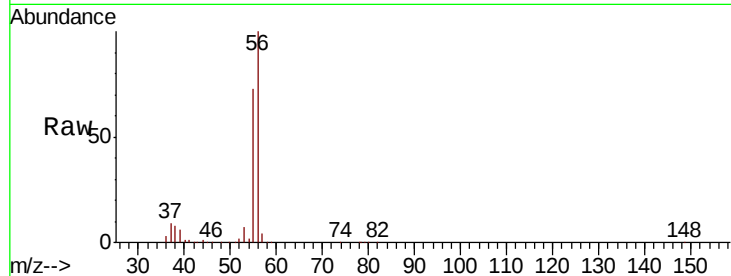
VSTDCCC050EC

Tot Ion: 56 Resp: 127825

Ion Ratio Lower Upper

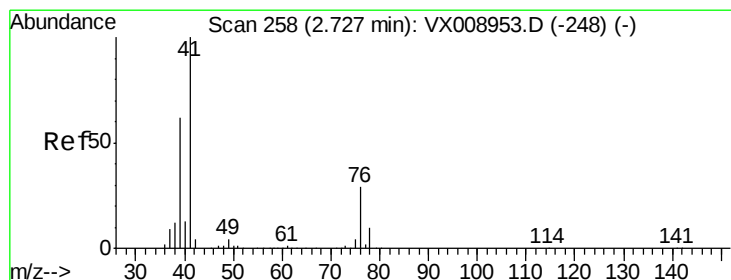
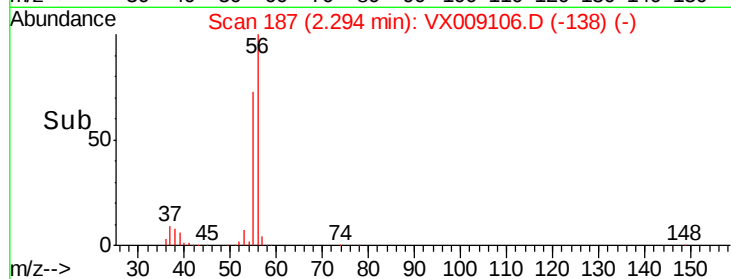
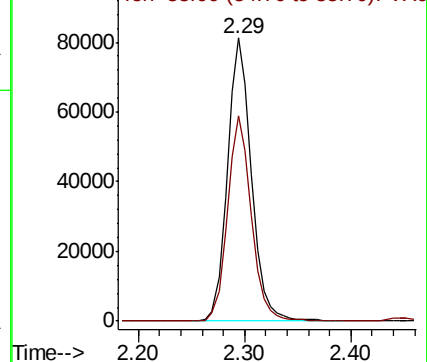
56 100

55 71.6 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 55.204 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

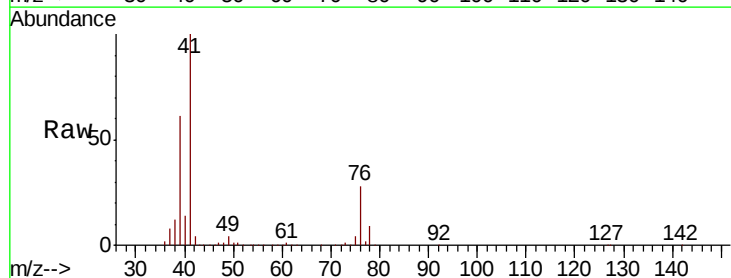
Tgt Ion: 41 Resp: 252185

Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

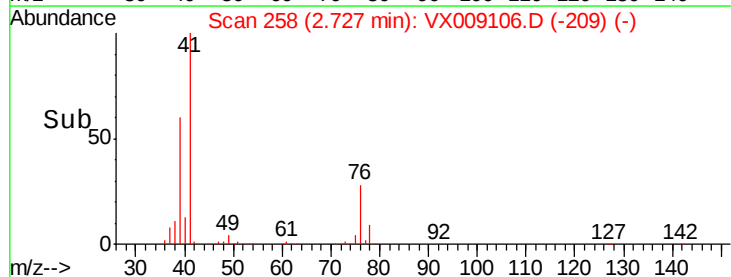
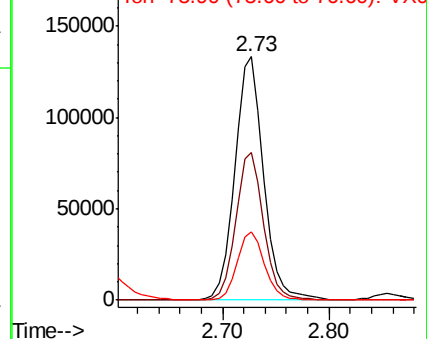
76 26.7 22.0 33.0

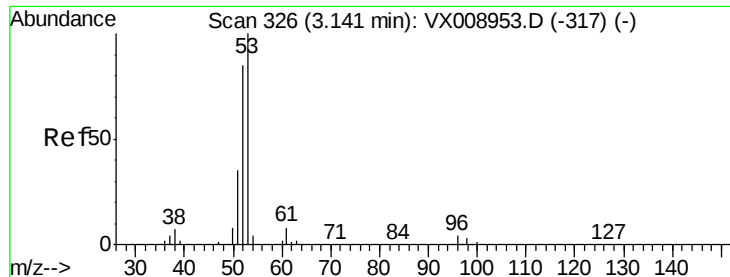


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 275.451 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

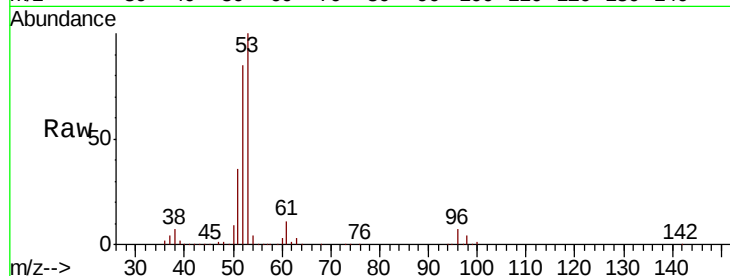
Tot Ion: 53 Resp: 427091

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

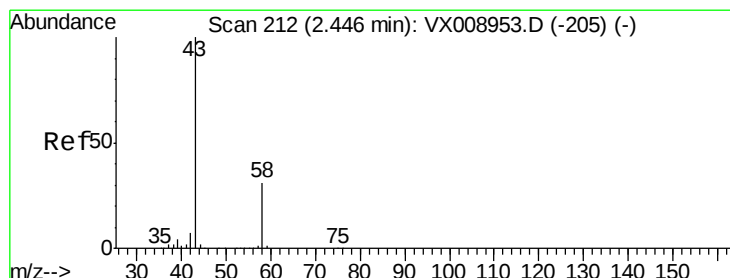
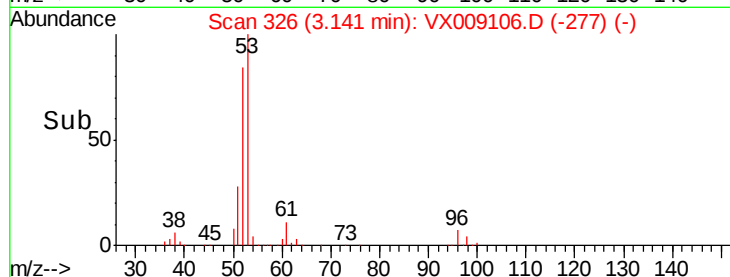
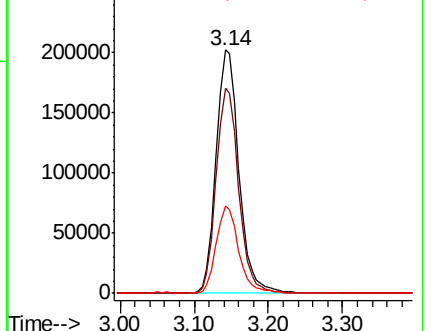
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 267.042 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009106.D

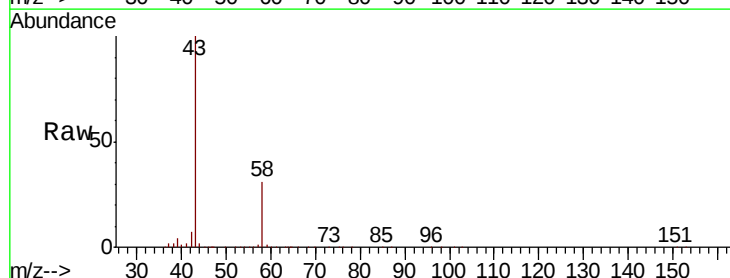
Acq: 22 Apr 2019 18:42

Tgt Ion: 43 Resp: 381060

Ion Ratio Lower Upper

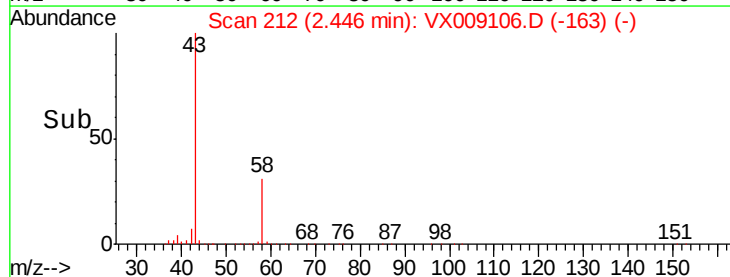
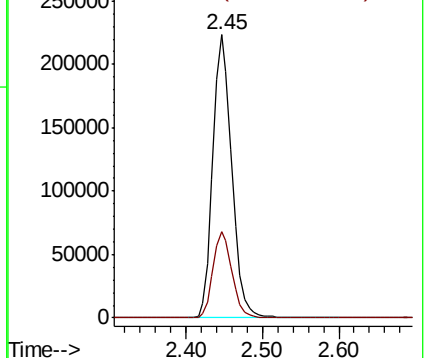
43 100

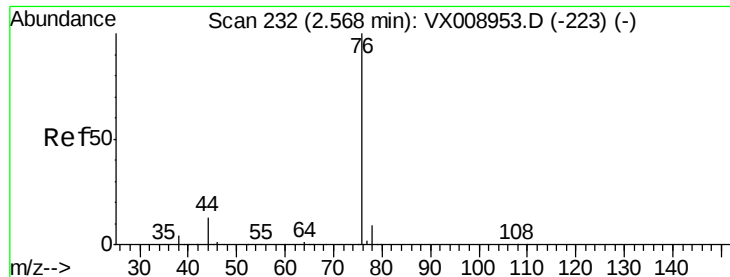
58 30.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

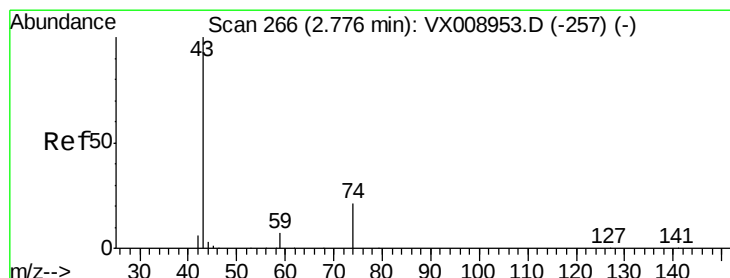
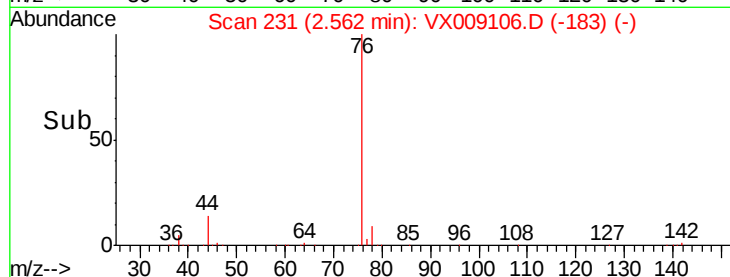
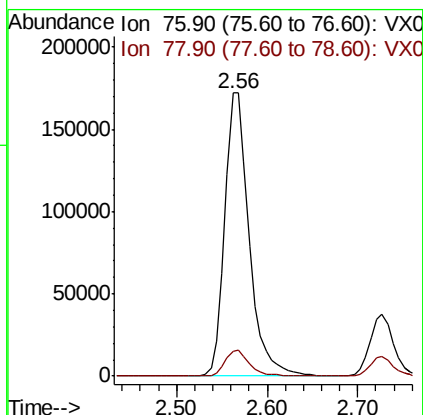
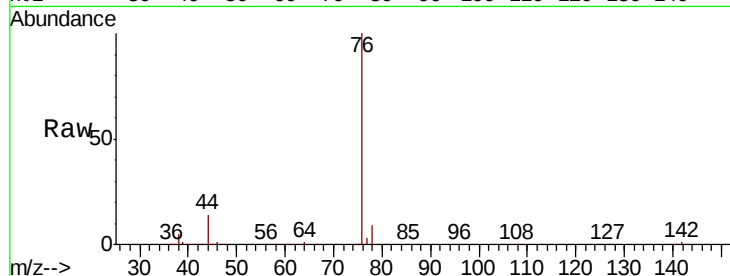




#17
Carbon Disulfide
Concen: 52.153 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

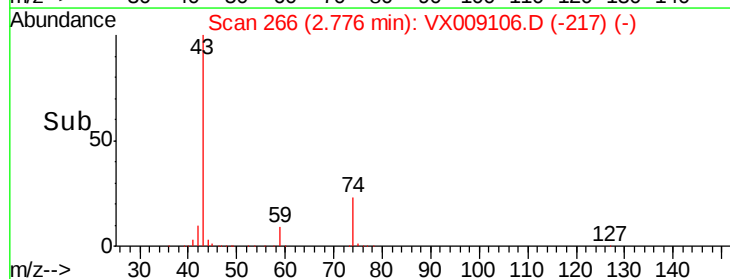
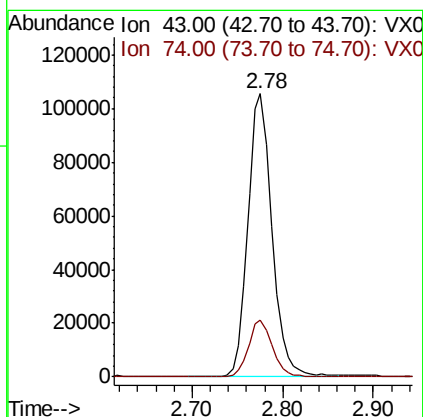
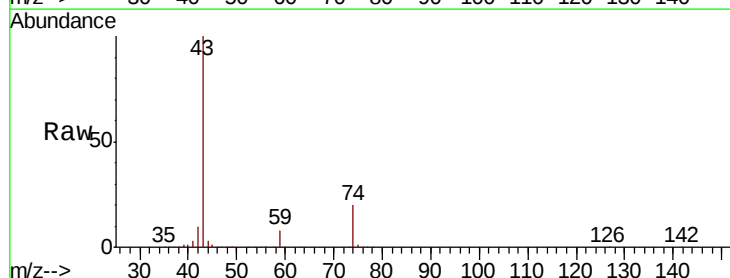
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

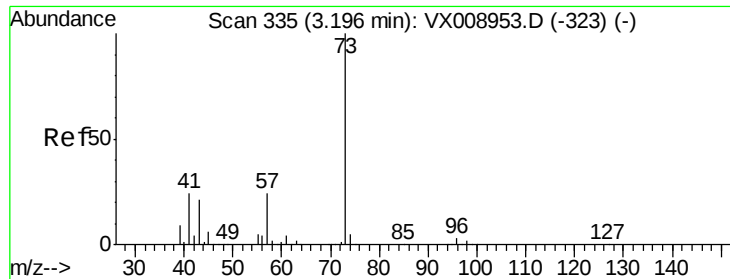
Tot Ion: 76 Resp: 321241
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 54.327 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion: 43 Resp: 193480
Ion Ratio Lower Upper
43 100
74 19.5 16.6 25.0



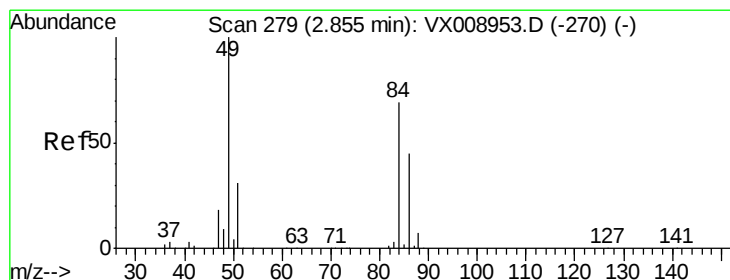
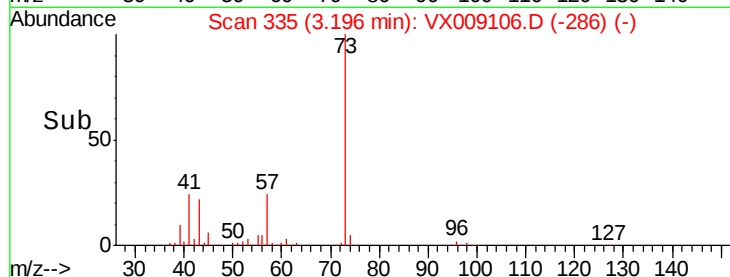
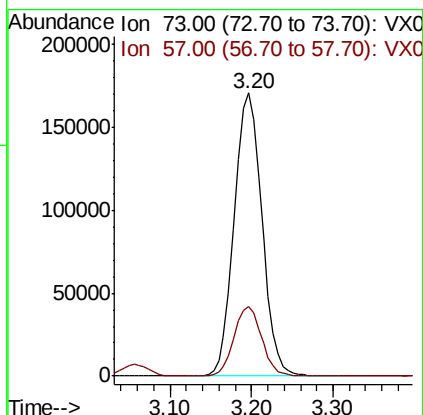
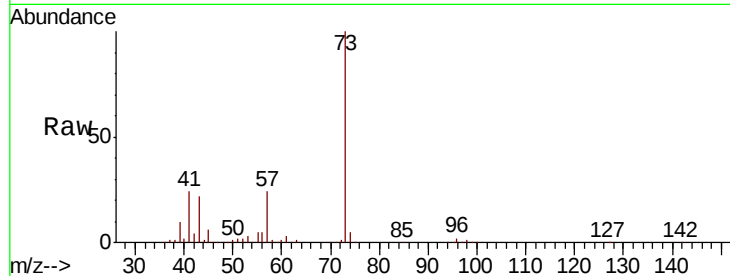


#19

Methyl tert-butyl Ether
 Concen: 53.819 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

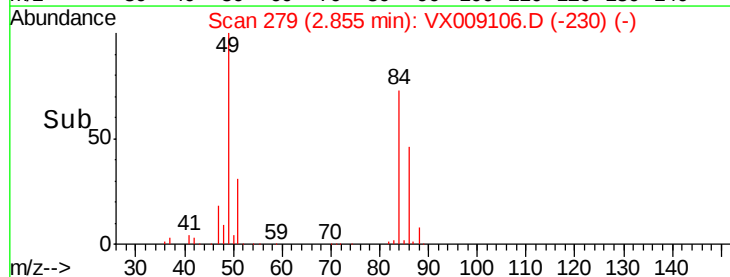
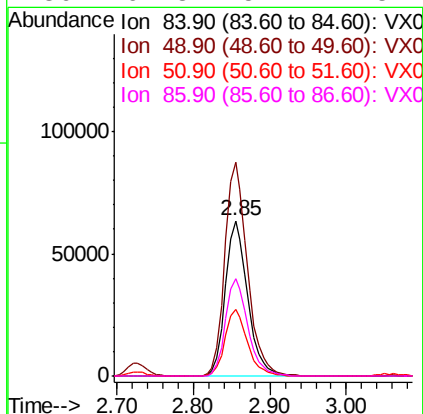
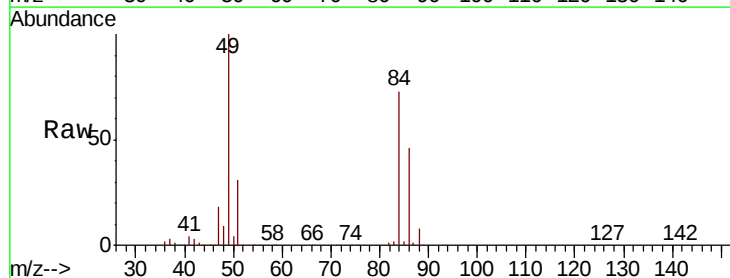
Tot Ion: 73 Resp: 401535
 Ion Ratio Lower Upper
 73 100
 57 24.4 19.2 28.8

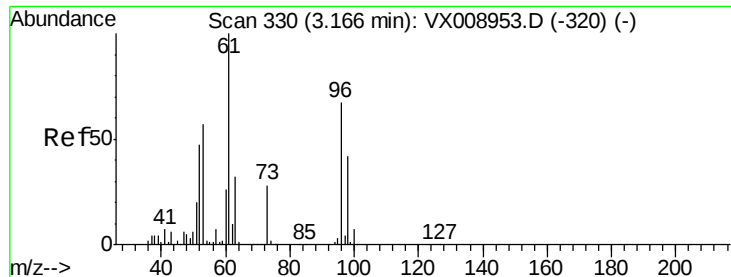


#20

Methylene Chloride
 Concen: 52.308 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 84 Resp: 127647
 Ion Ratio Lower Upper
 84 100
 49 137.8 115.4 173.0
 51 42.8 35.8 53.6
 86 62.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 51.764 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

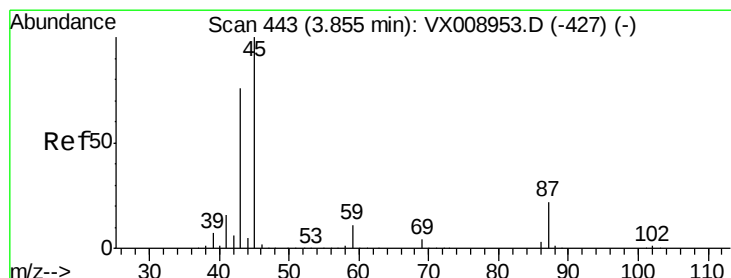
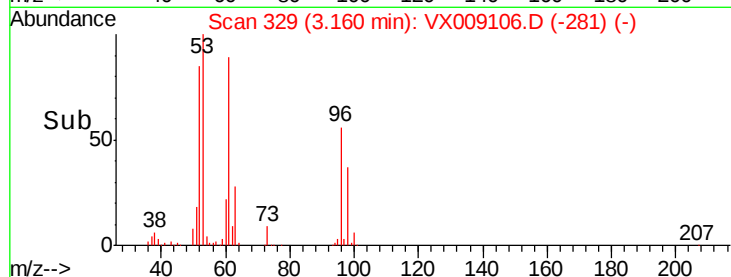
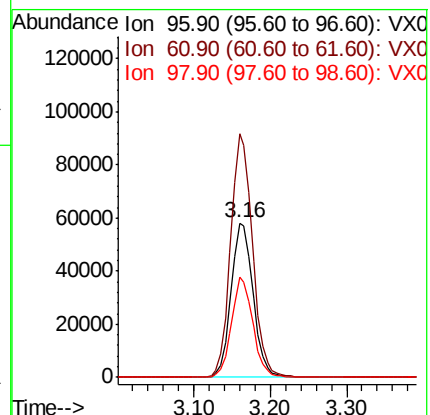
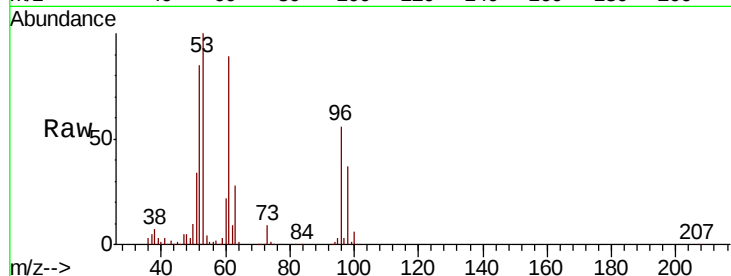
Tot Ion: 96 Resp: 115608

Ion Ratio Lower Upper

96 100

61 158.0 120.3 180.5

98 65.2 50.2 75.2



#22

Diisopropyl ether

Concen: 54.777 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Tgt Ion: 45 Resp: 486248

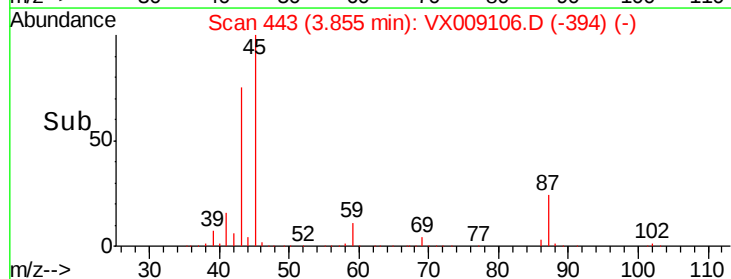
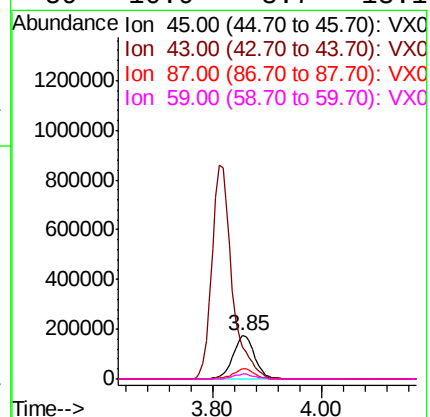
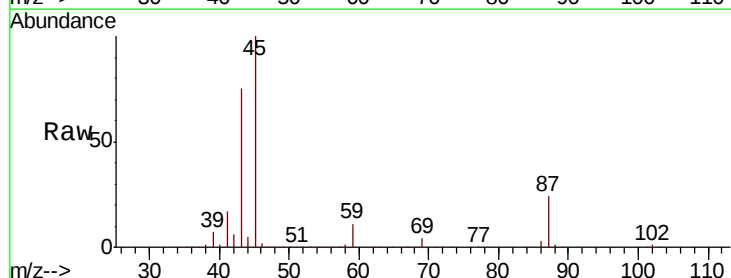
Ion Ratio Lower Upper

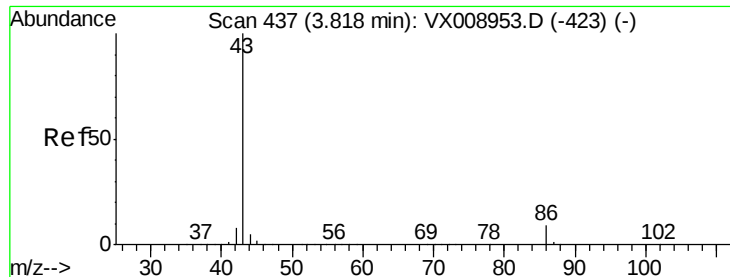
45 100

43 74.5 60.6 91.0

87 23.7 17.8 26.8

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 283.586 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

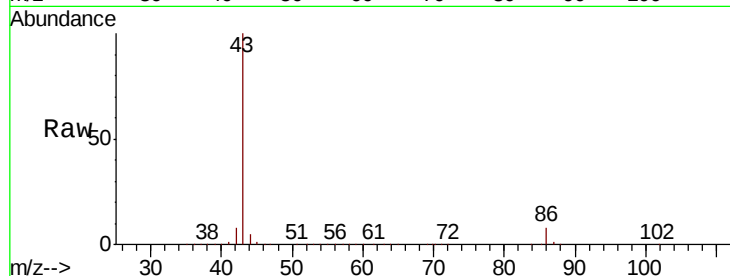
VSTDCCC050EC

Tot Ion: 43 Resp: 2212845

Ion Ratio Lower Upper

43 100

86 8.3 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

400000

200000

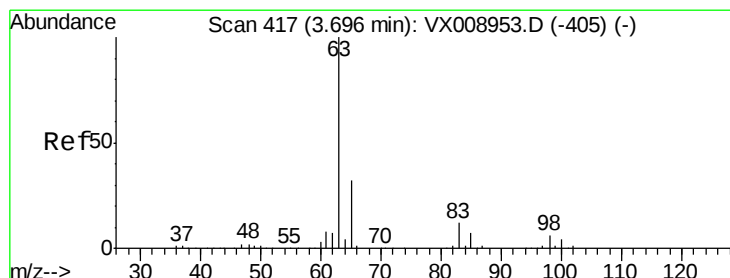
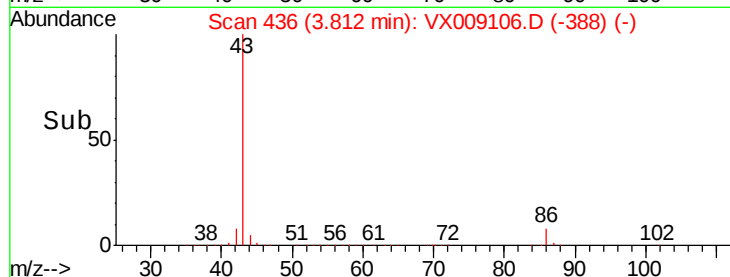
0

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.575 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

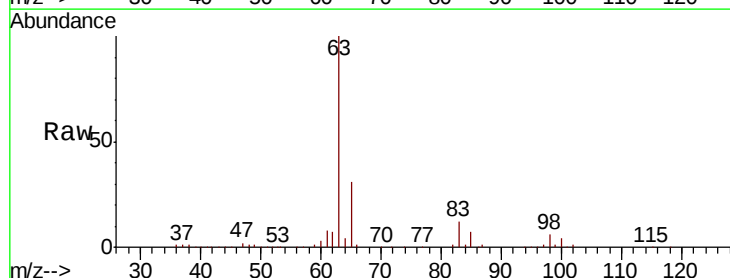
Tgt Ion: 63 Resp: 238733

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 4.1 1.9 5.7



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

100000

50000

0

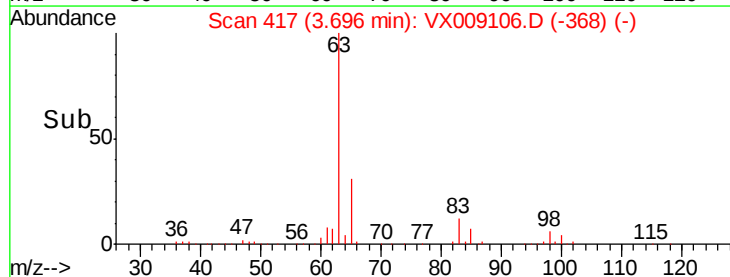
3.60

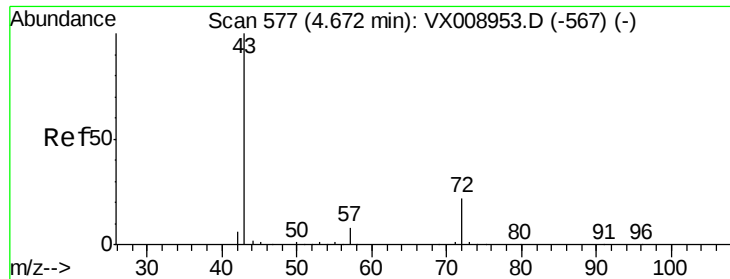
3.70

3.80

3.90

Time-->





#25

2-Butanone

Concen: 281.082 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

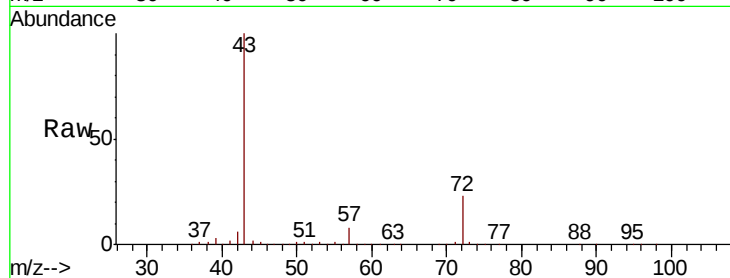
VSTDCCC050EC

Tot Ion: 43 Resp: 641123

Ion Ratio Lower Upper

43 100

72 22.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

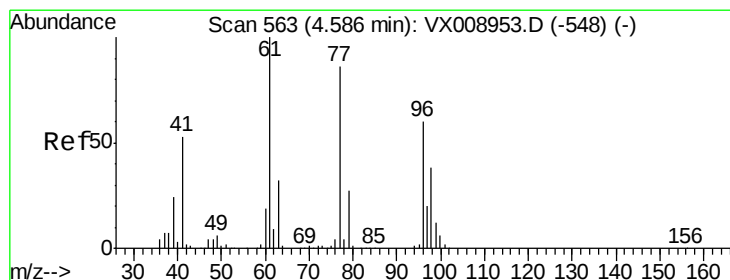
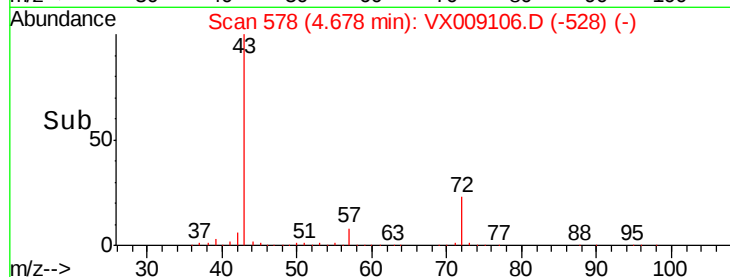
50000

0

4.68

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.242 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009106.D

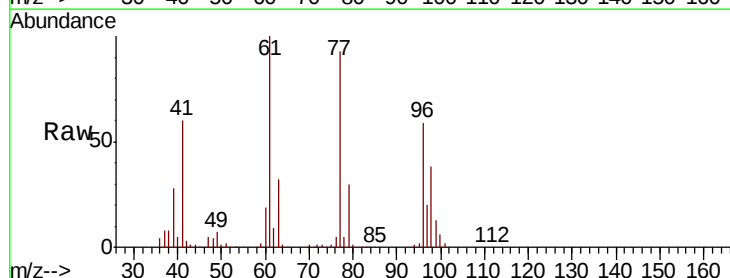
Acq: 22 Apr 2019 18:42

Tgt Ion: 77 Resp: 167818

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

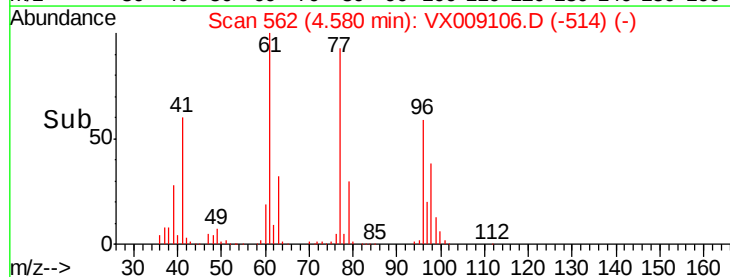
10000

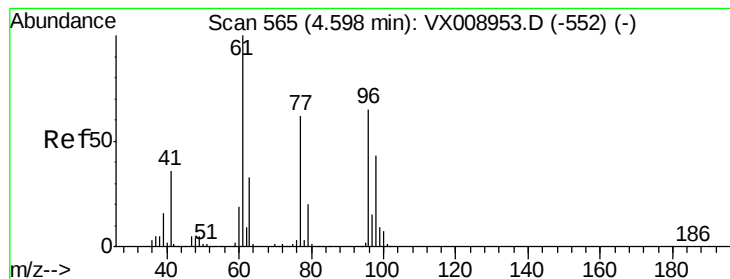
0

4.58

4.40 4.50 4.60 4.70

Time-->



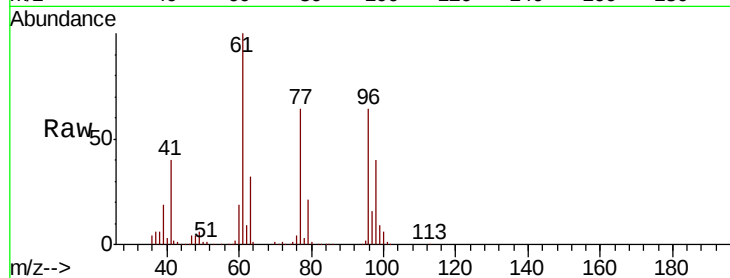


#27

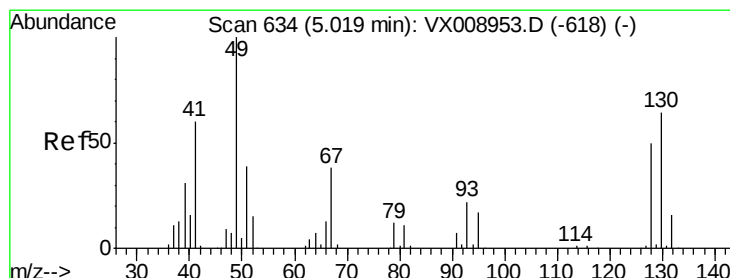
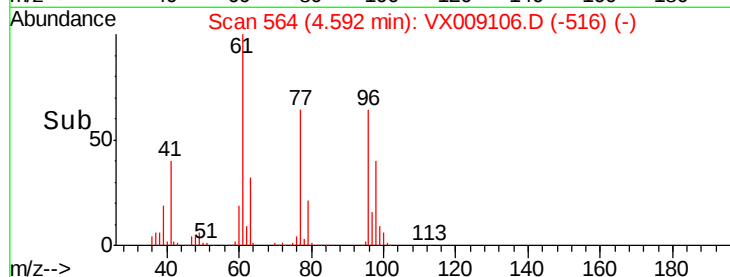
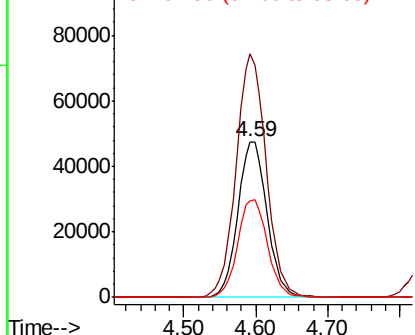
cis-1,2-Dichloroethene
Concen: 52.797 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	96	Resp	133877
Ion	Ratio	Lower	Upper
96	100		
61	160.9	0.0	322.0
98	64.1	0.0	128.4



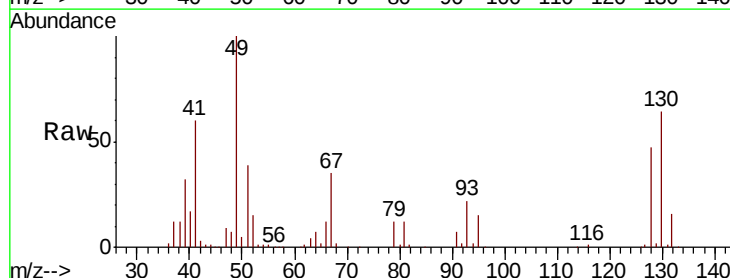
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



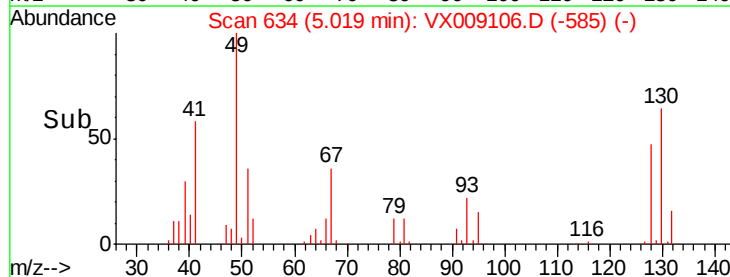
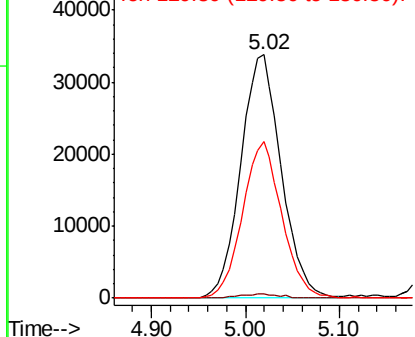
#28

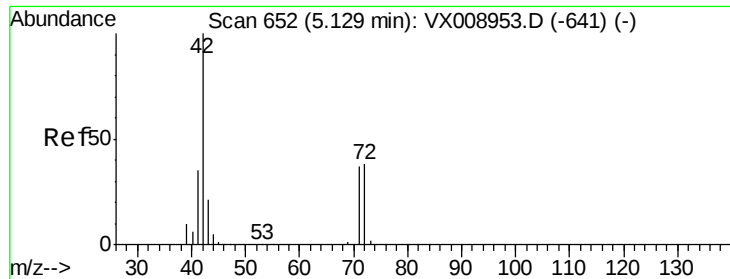
Bromochloromethane
Concen: 54.809 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion	49	Resp	101101
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	62.7	50.4	75.6



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: 277.907 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

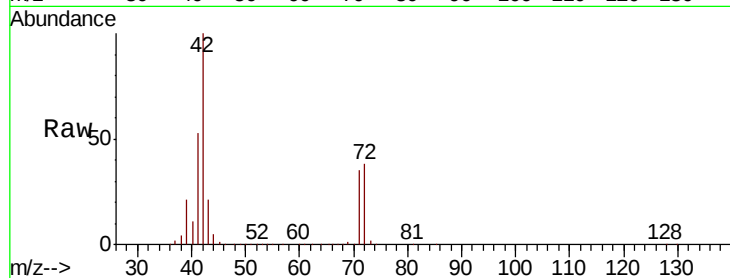
Tot Ion: 42 Resp: 424269

Ion Ratio Lower Upper

42 100

72 37.8 30.6 45.8

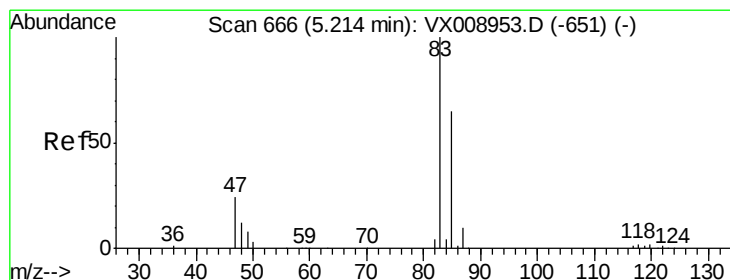
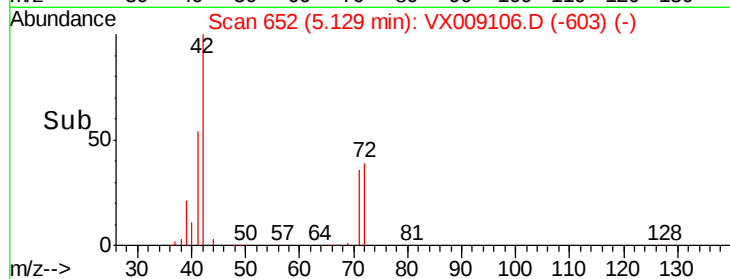
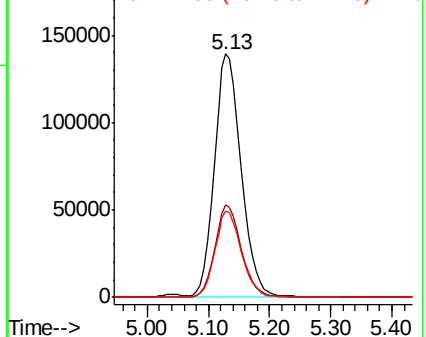
71 35.2 28.8 43.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.090 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009106.D

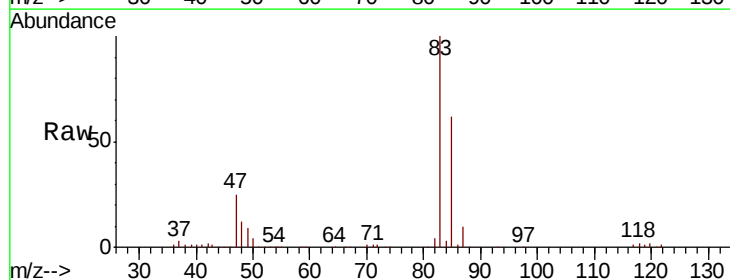
Acq: 22 Apr 2019 18:42

Tgt Ion: 83 Resp: 215683

Ion Ratio Lower Upper

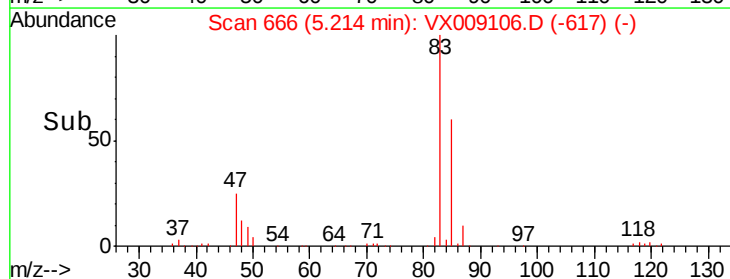
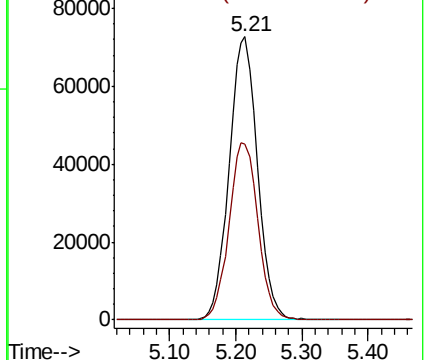
83 100

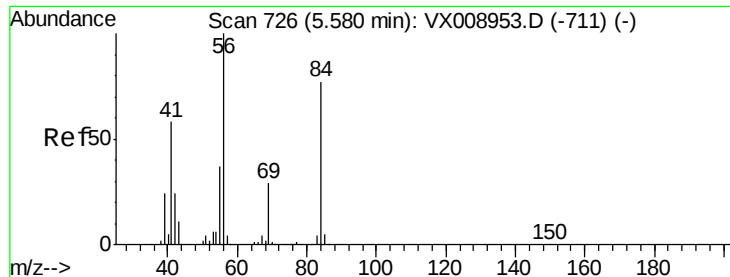
85 62.1 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

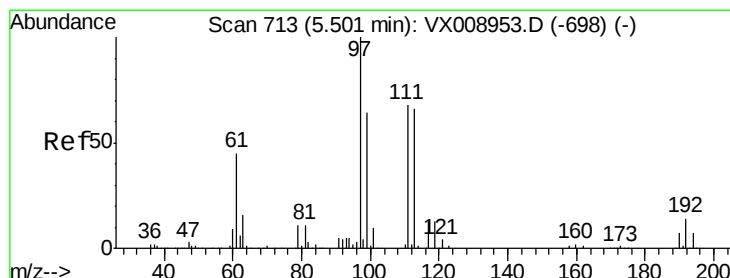
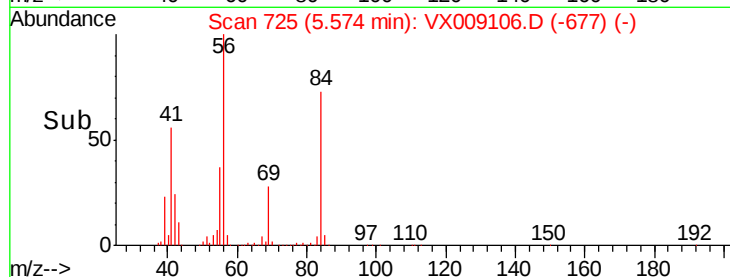
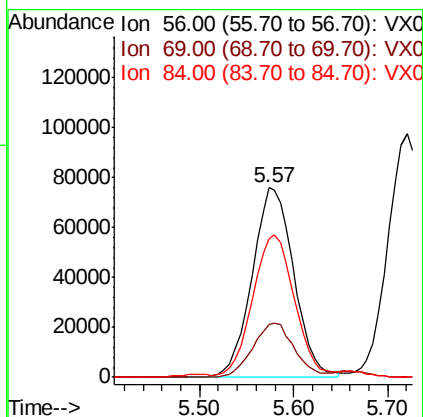
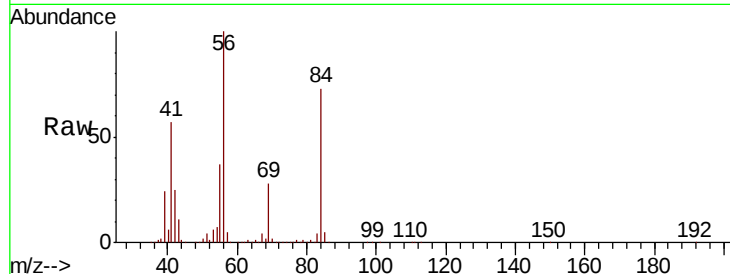




#31
Cyclohexane
Concen: 53.748 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

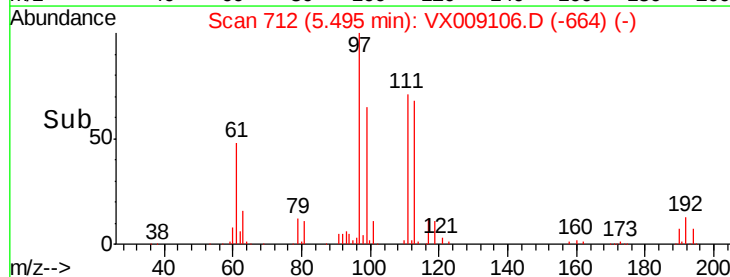
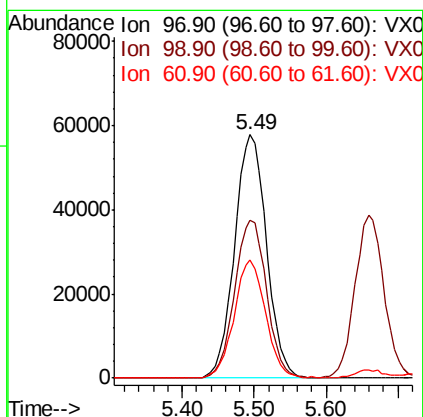
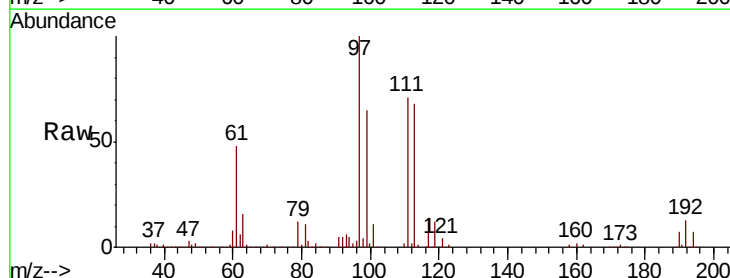
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

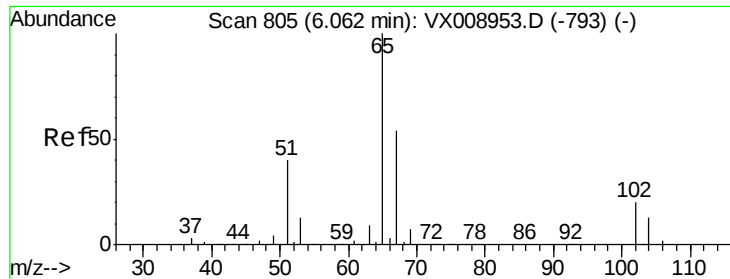
Tot Ion: 56 Resp: 235562
Ion Ratio Lower Upper
56 100
69 28.1 23.3 34.9
84 71.8 61.7 92.5



#32
1,1,1-Trichloroethane
Concen: 53.944 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion: 97 Resp: 178278
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 47.8 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 54.939 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

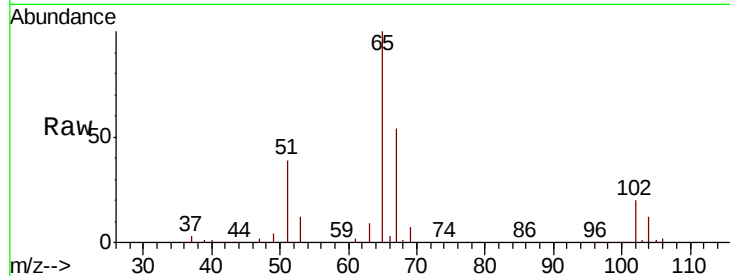
VSTDCCC050EC

Tot Ion: 65 Resp: 151176

Ion Ratio Lower Upper

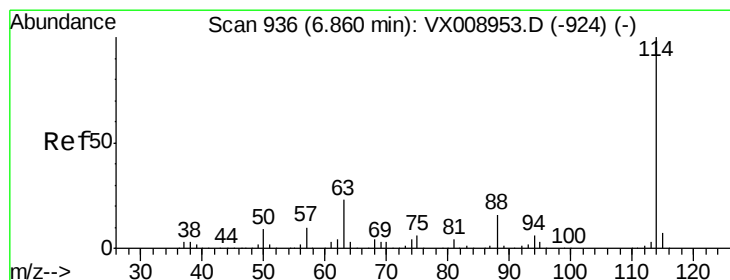
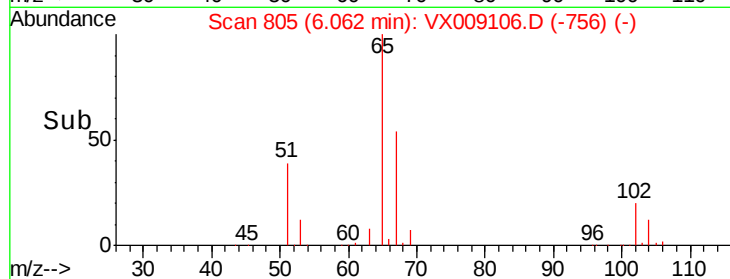
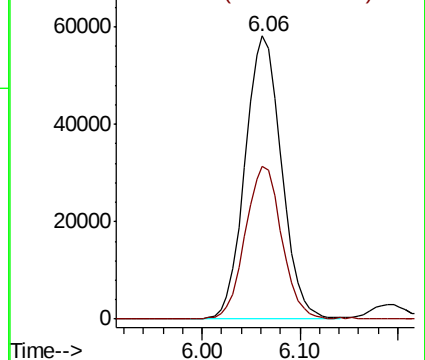
65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

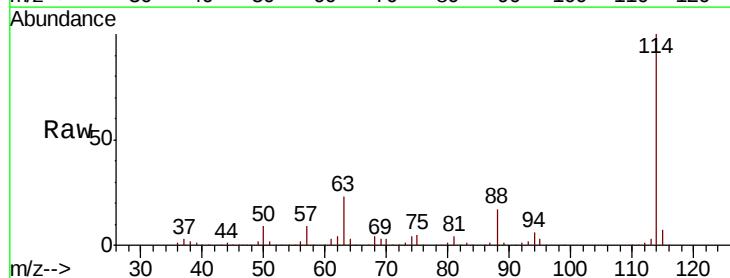
Tgt Ion: 114 Resp: 319248

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

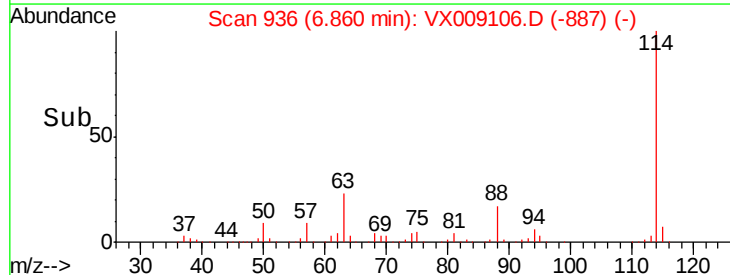
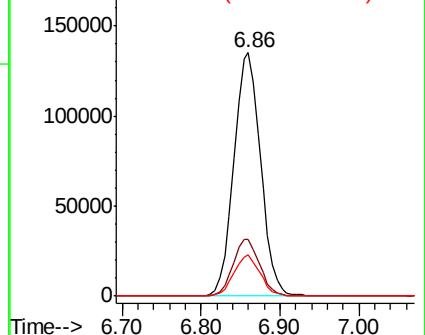
88 17.1 0.0 32.6

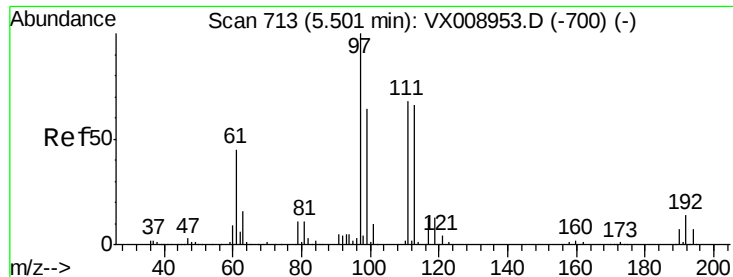


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

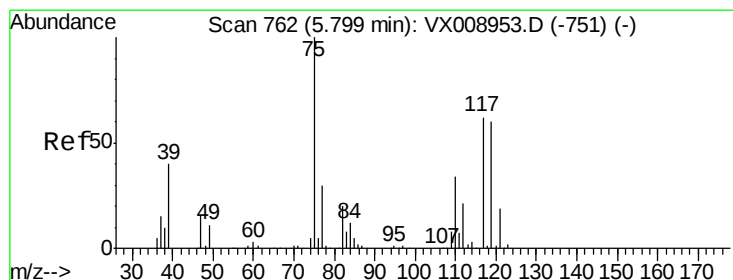
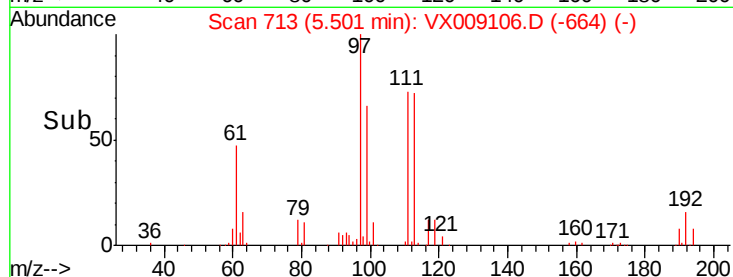
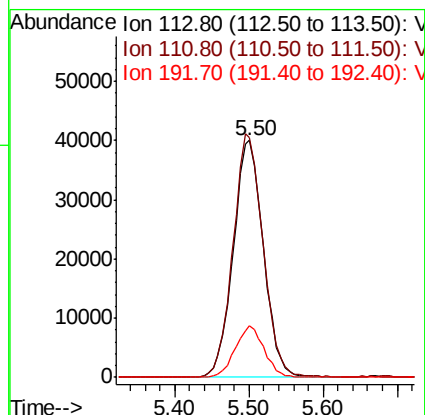
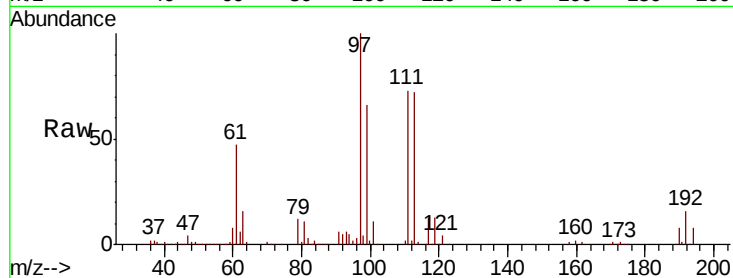




#35
 Dibromofluoromethane
 Concen: 55.352 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

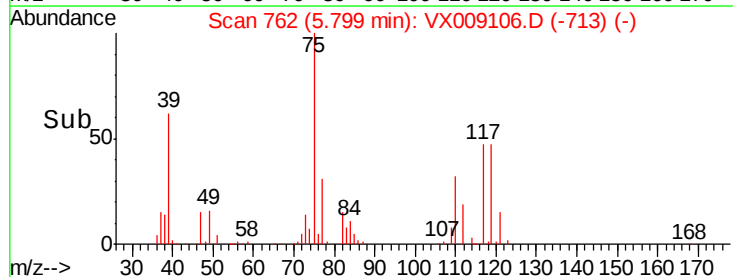
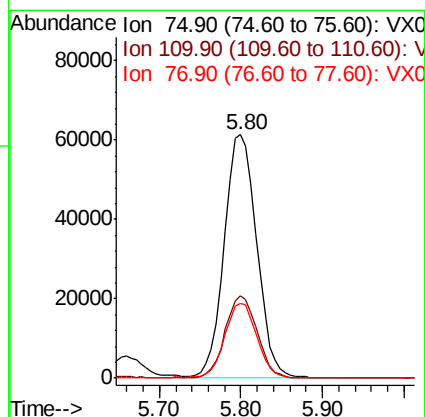
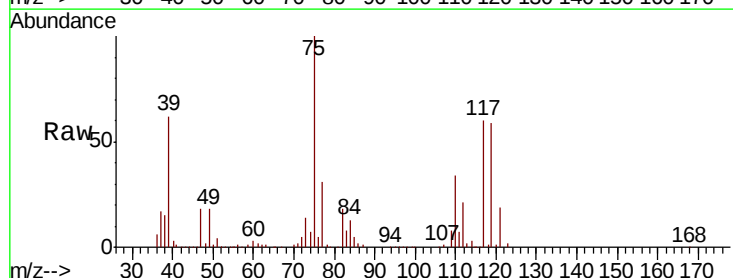
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

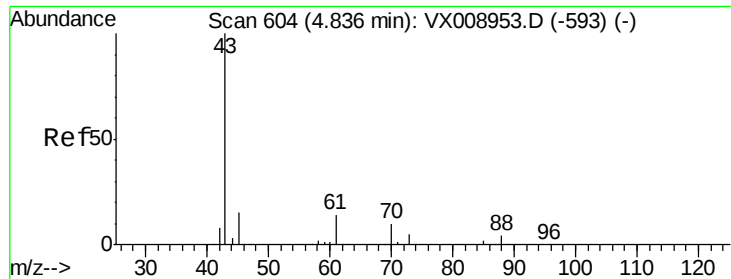
Tot Ion:113 Resp: 113409
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 20.9 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 51.029 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 75 Resp: 168483
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.7
 77 30.5 25.0 37.4

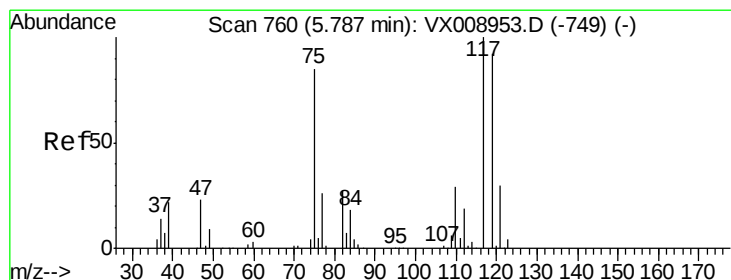
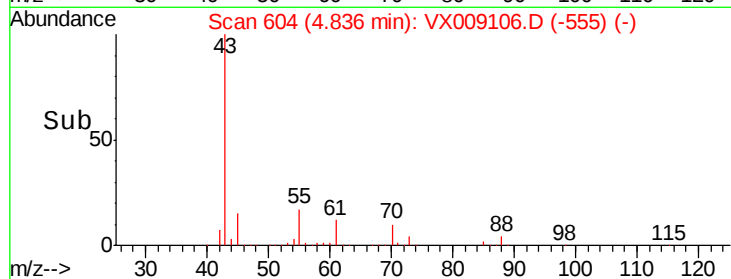
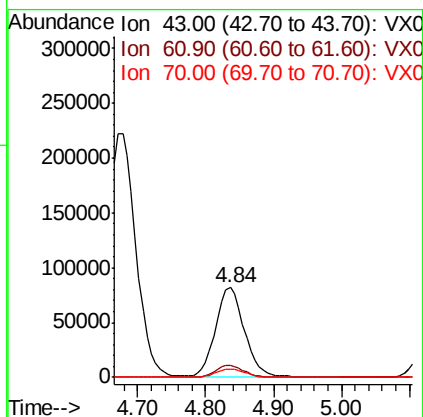
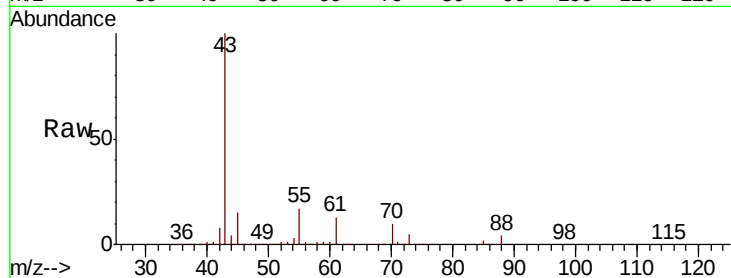




#37
Ethyl Acetate
Concen: 56.892 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

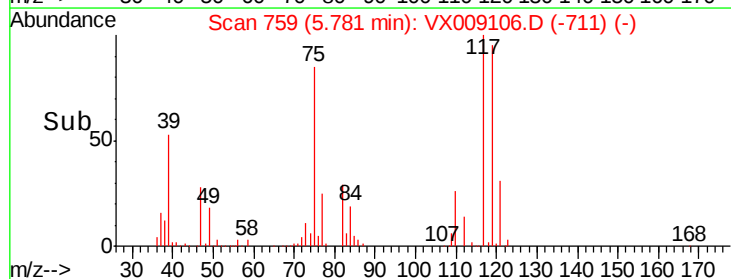
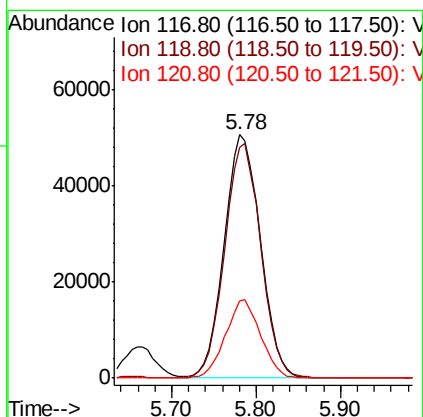
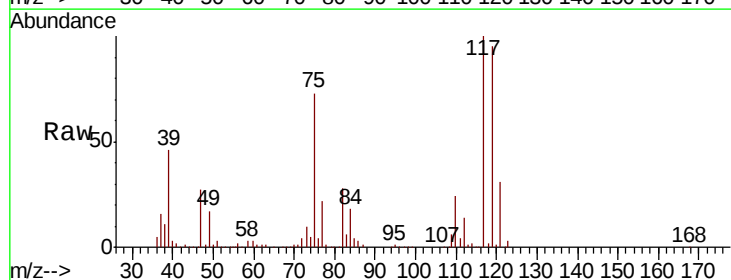
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

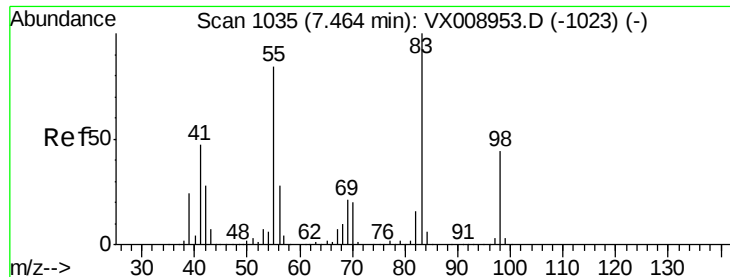
Tot Ion: 43 Resp: 241709
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 52.915 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion: 117 Resp: 148113
Ion Ratio Lower Upper
117 100
119 94.7 73.8 110.8
121 31.5 23.6 35.4

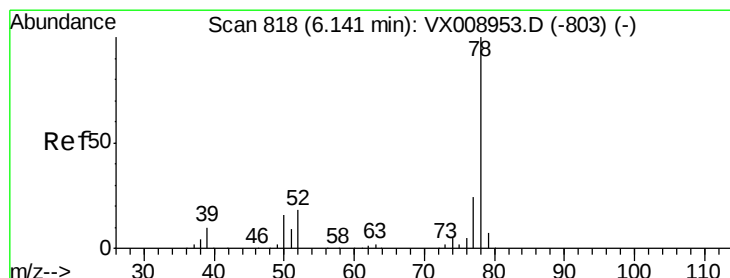
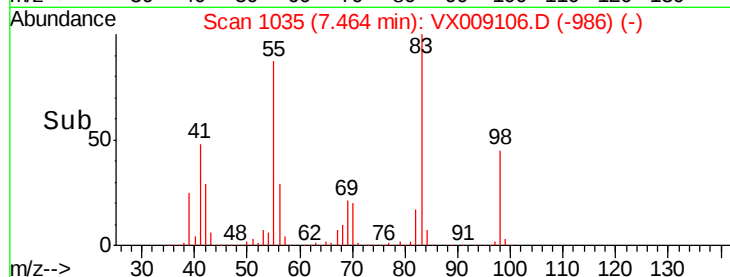
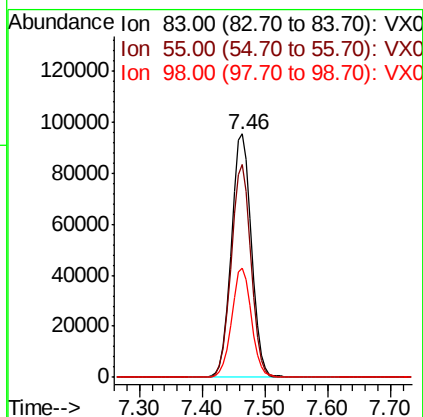
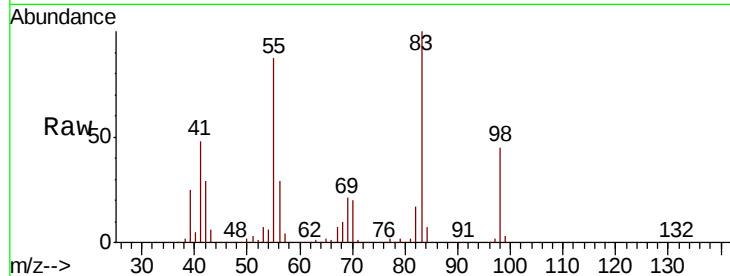




#39
Methvlcvclohexane
Concen: 52.421 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

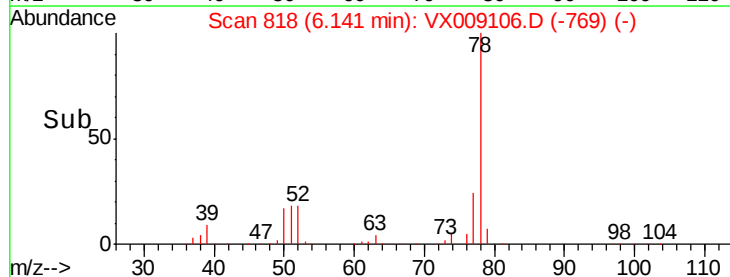
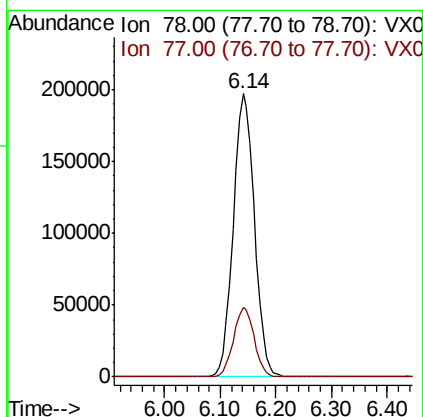
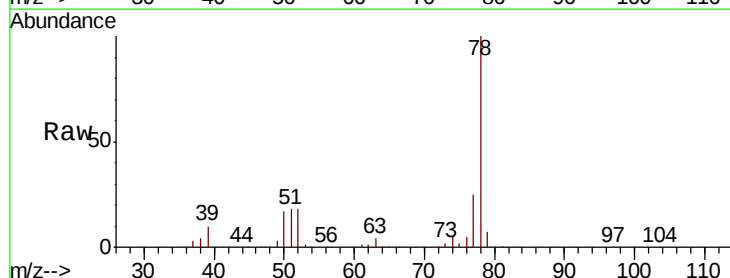
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

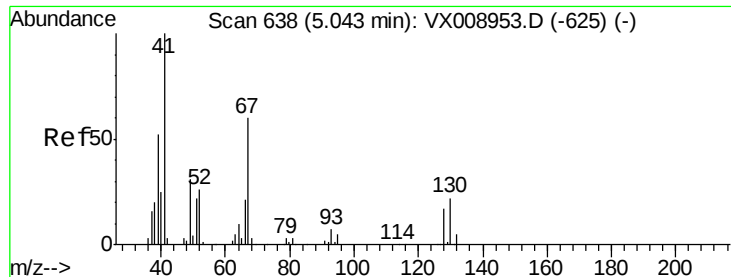
Tot Ion: 83 Resp: 210731
Ion Ratio Lower Upper
83 100
55 87.4 67.1 100.7
98 44.6 35.1 52.7



#40
Benzene
Concen: 53.134 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion: 78 Resp: 517541
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#41

Methacrylonitrile

Concen: 55.502 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 135334

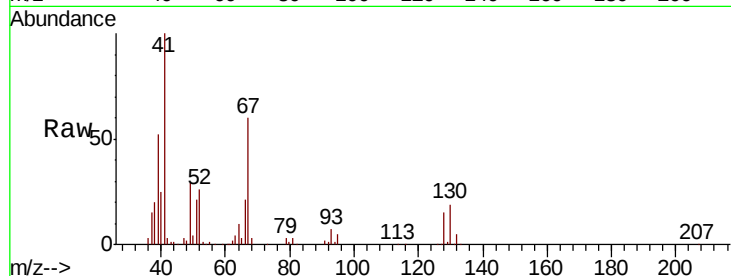
Ion Ratio Lower Upper

41 100

39 52.4 41.8 62.6

67 62.7 50.2 75.4

52 25.6 21.1 31.7

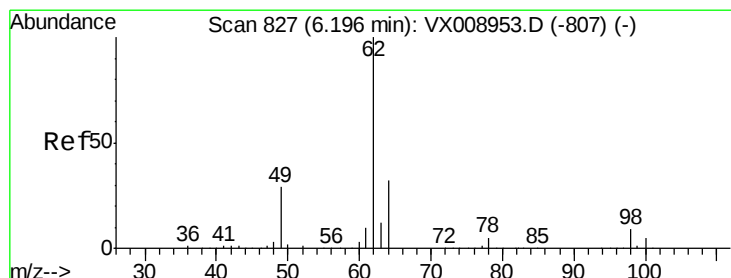
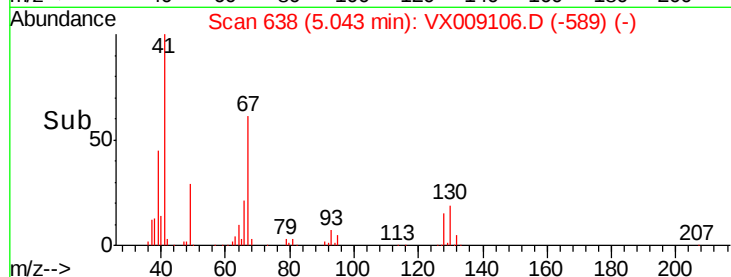
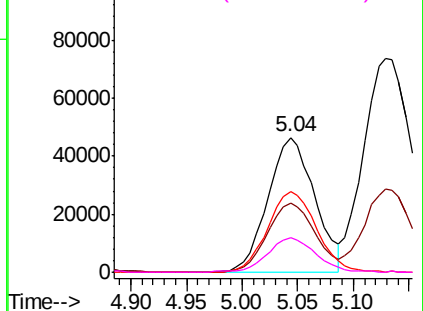


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.118 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009106.D

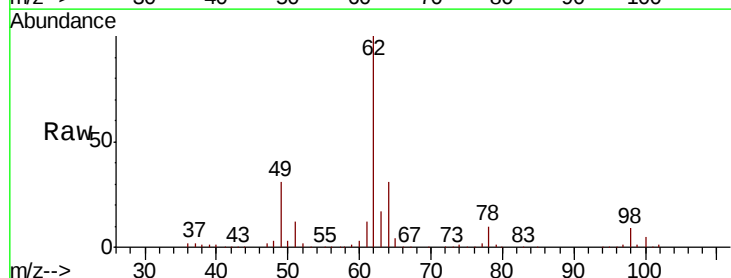
Acq: 22 Apr 2019 18:42

Tgt Ion: 62 Resp: 183276

Ion Ratio Lower Upper

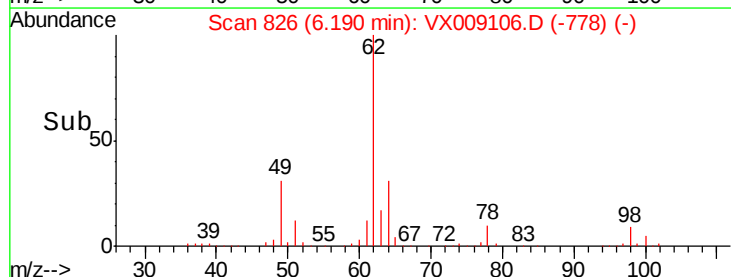
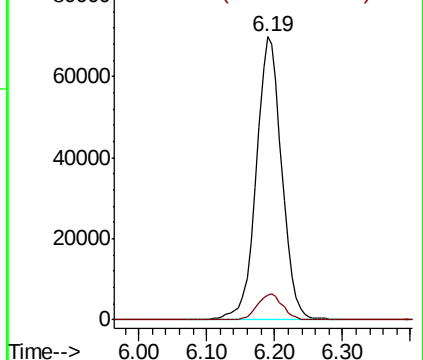
62 100

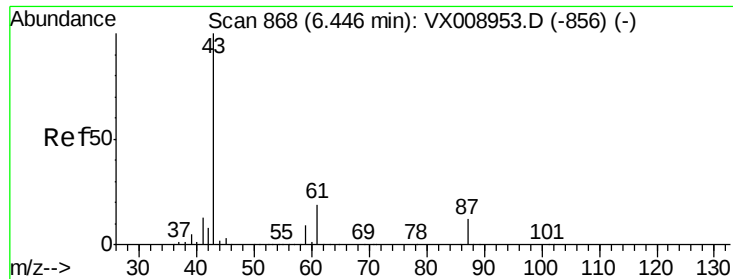
98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



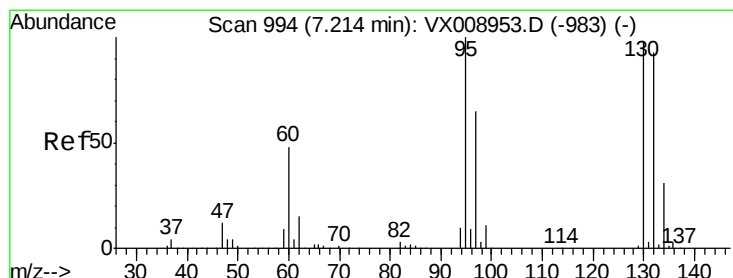
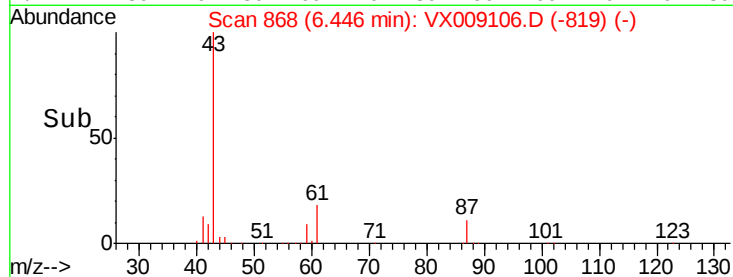
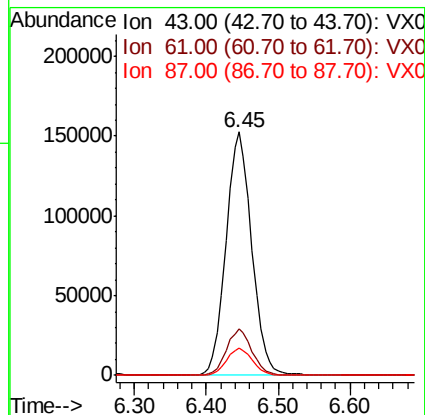
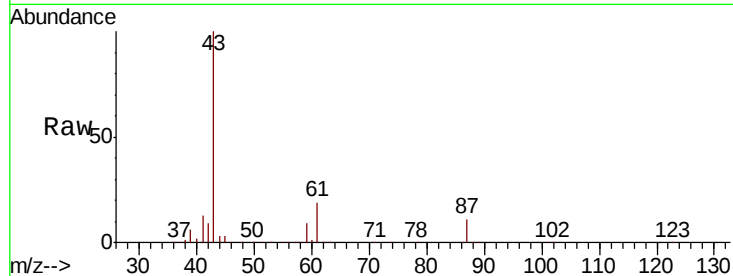


#43

Isopropyl Acetate
 Concen: 55.162 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

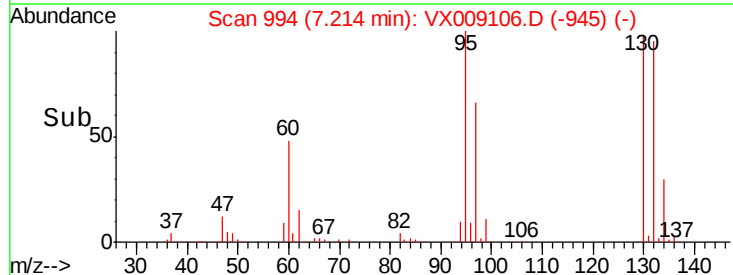
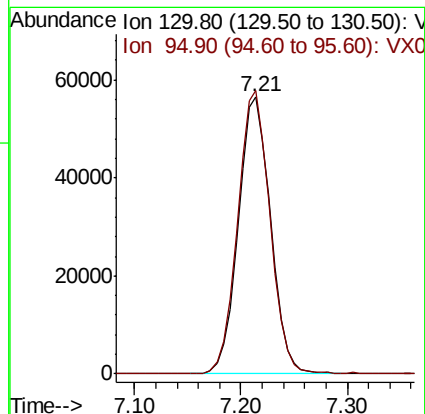
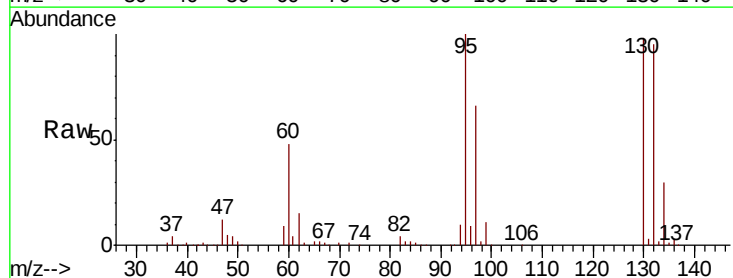
Tot Ion: 43 Resp: 377672
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.4 23.0
 87 11.3 9.0 13.4

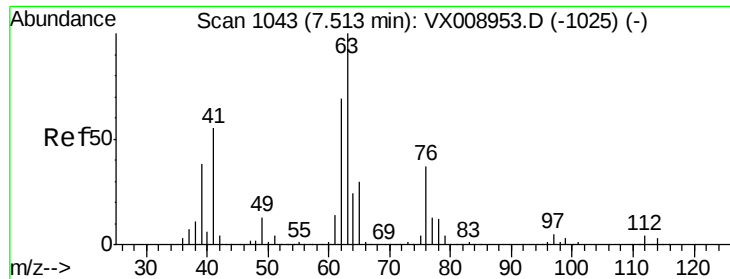


#44

Trichloroethene
 Concen: 50.365 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 130 Resp: 120200
 Ion Ratio Lower Upper
 130 100
 95 102.2 0.0 203.2

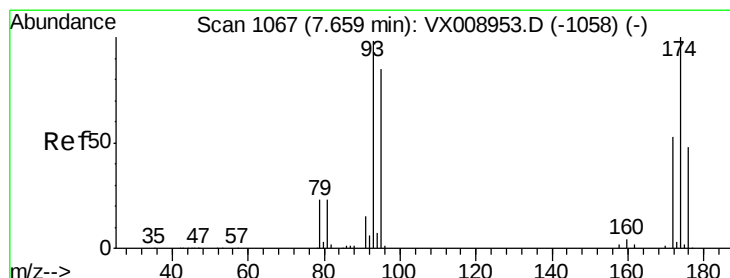
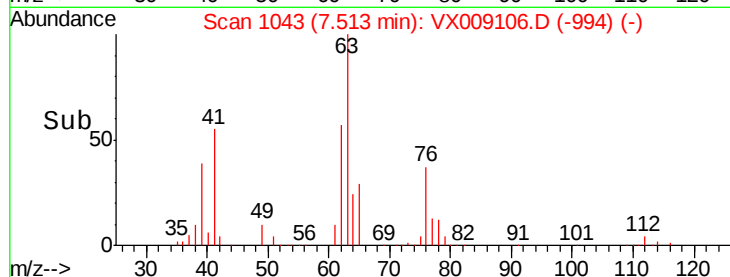
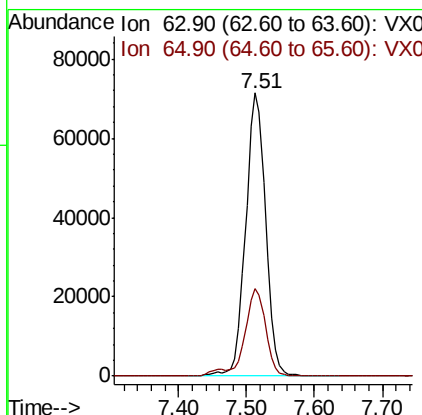
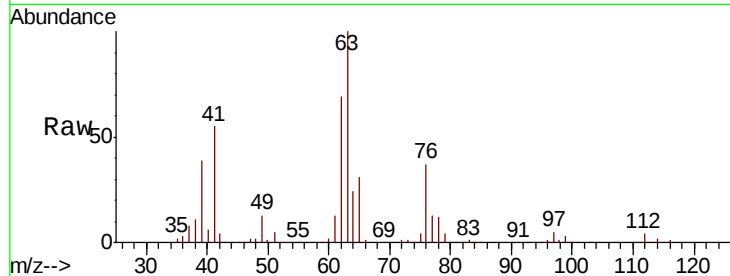




#45
 1,2-Dichloropropane
 Concen: 54.119 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

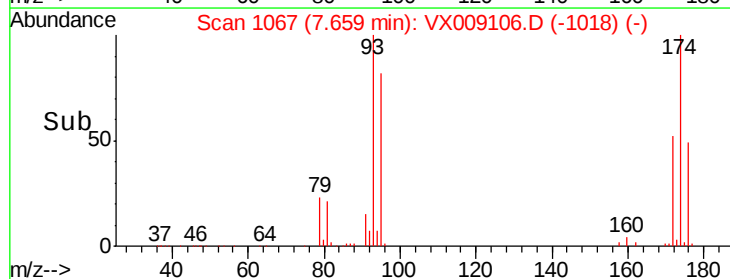
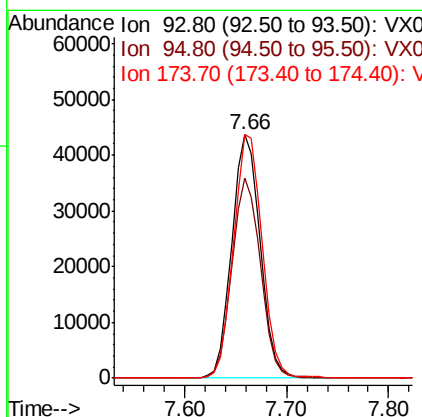
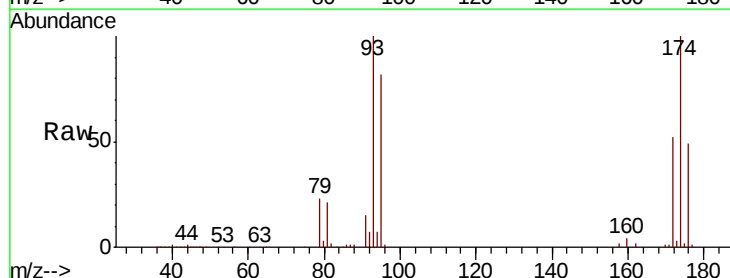
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

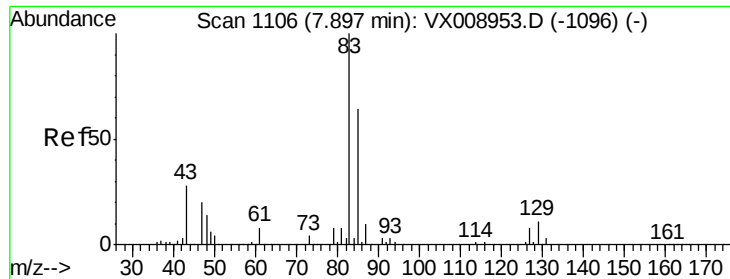
Tot Ion: 63 Resp: 146240
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.1 36.1



#46
 Dibromomethane
 Concen: 53.232 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 93 Resp: 83714
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.4
 174 100.9 81.6 122.4





#47

Bromodichloromethane

Concen: 54.173 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

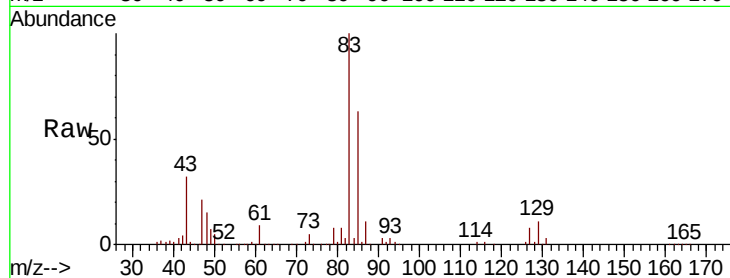
Tot Ion: 83 Resp: 167094

Ion Ratio Lower Upper

83 100

85 62.9 50.8 76.2

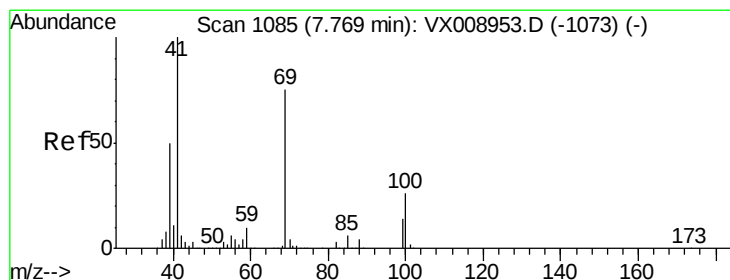
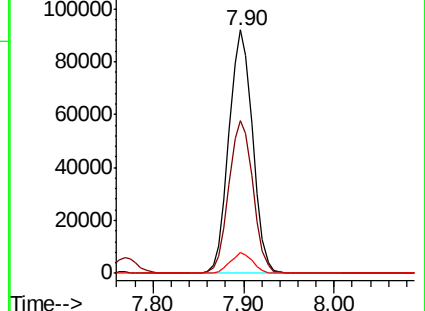
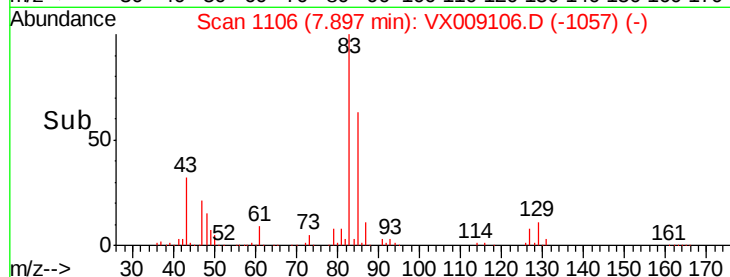
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.431 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

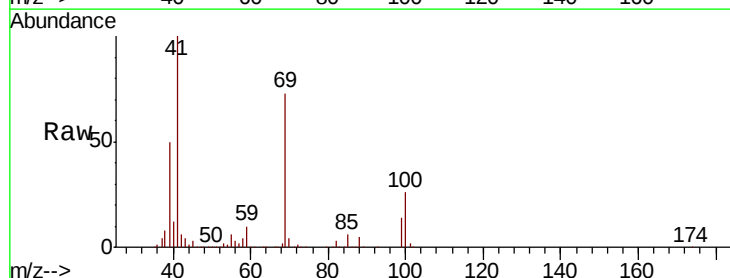
Tgt Ion: 41 Resp: 190905

Ion Ratio Lower Upper

41 100

69 72.9 59.4 89.2

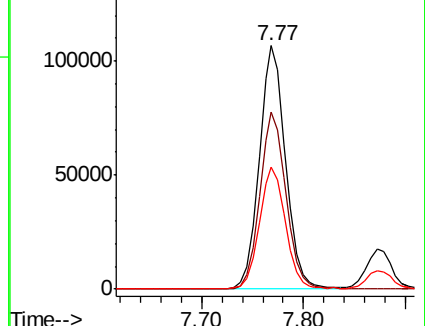
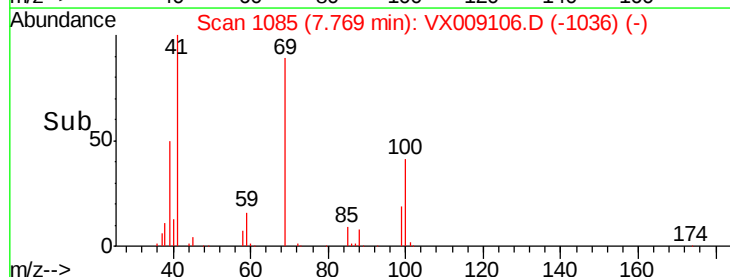
39 50.0 39.8 59.6

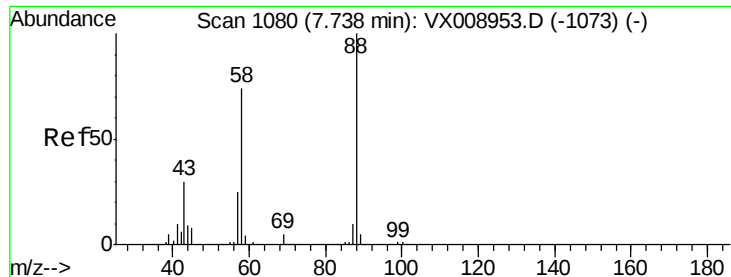


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

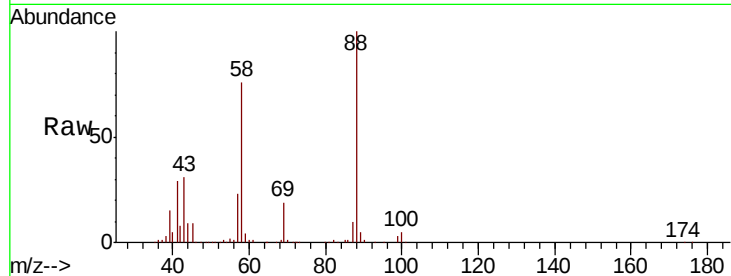




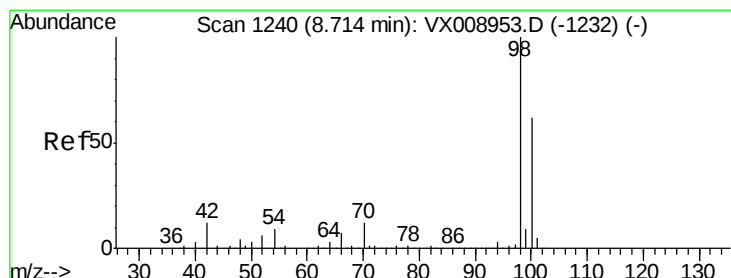
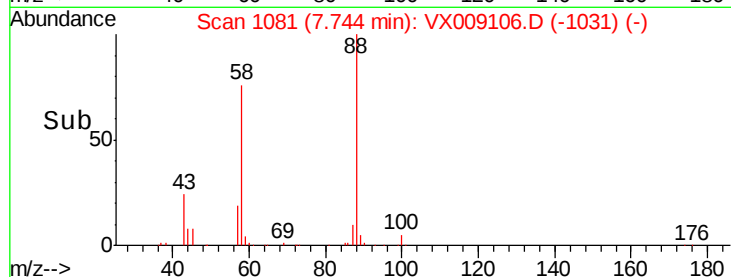
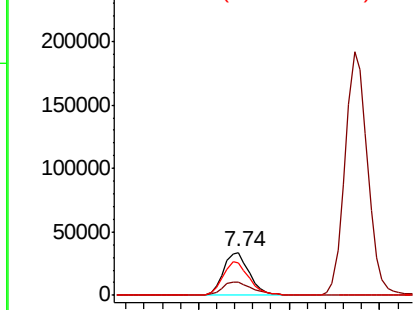
#49
1,4-Dioxane
Concen: 1075.864 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 68122
Ion Ratio Lower Upper
88 100
43 37.0 29.3 43.9
58 79.7 62.6 93.8

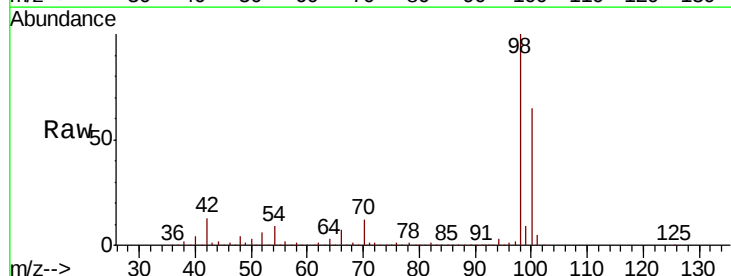


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

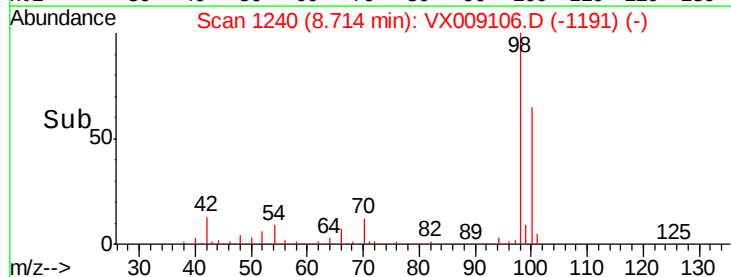
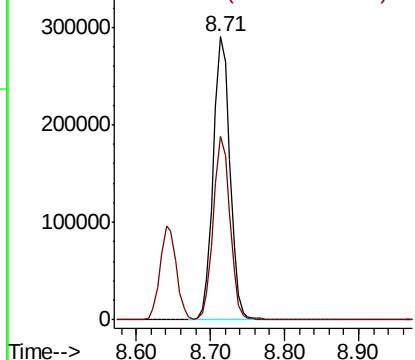


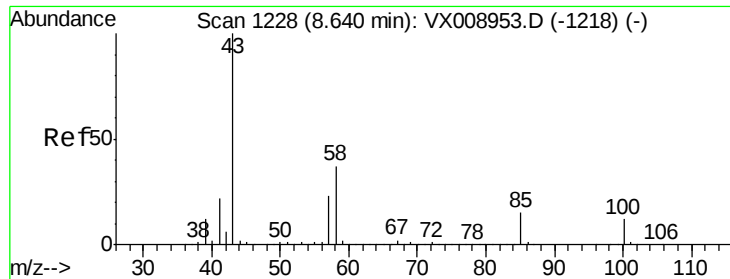
#50
Toluene-d8
Concen: 54.714 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion: 98 Resp: 447069
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2



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: 276.382 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

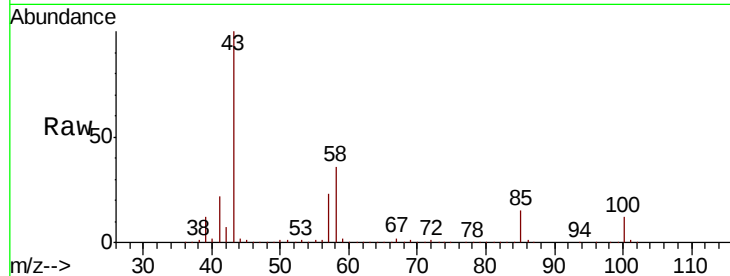
VSTDCCC050EC

Tot Ion: 43 Resp: 1205518

Ion Ratio Lower Upper

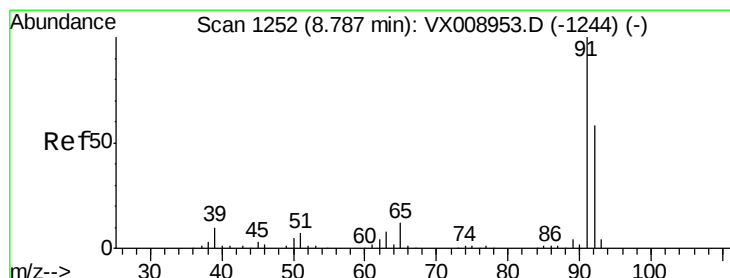
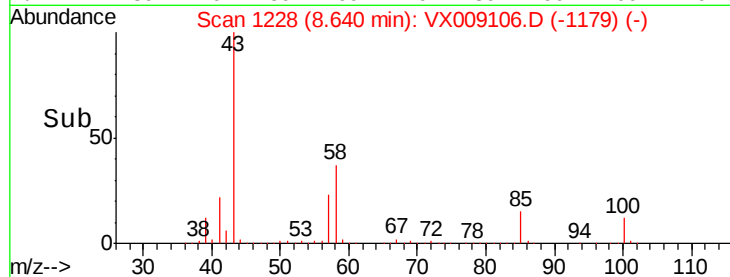
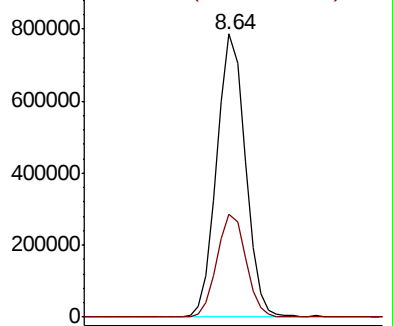
43 100

58 36.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.267 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009106.D

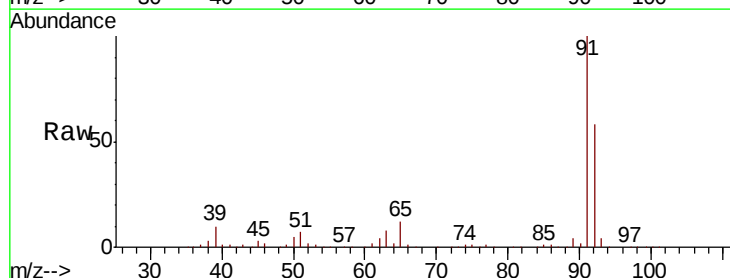
Acq: 22 Apr 2019 18:42

Tgt Ion: 92 Resp: 310946

Ion Ratio Lower Upper

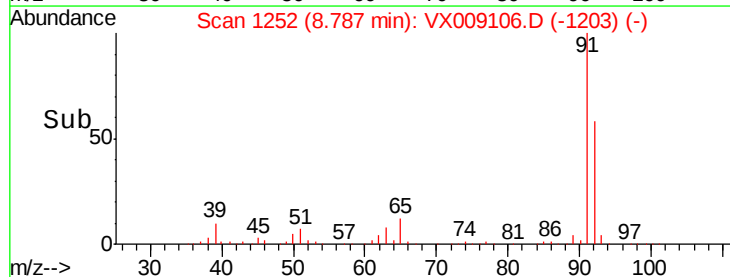
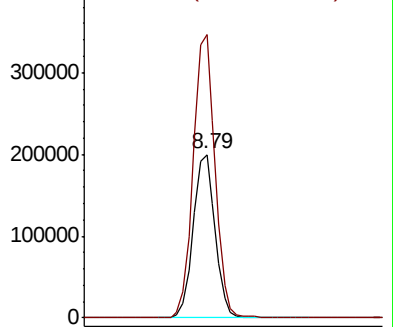
92 100

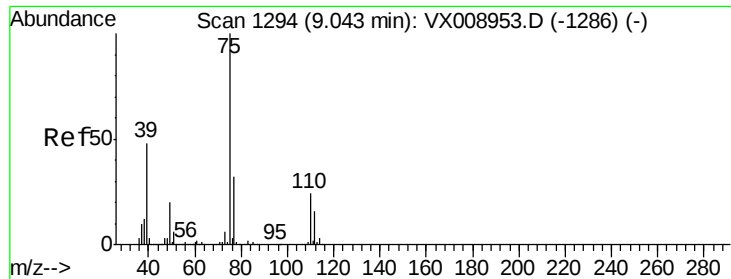
91 172.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.662 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

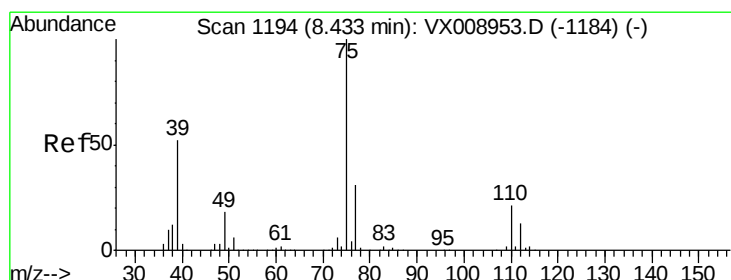
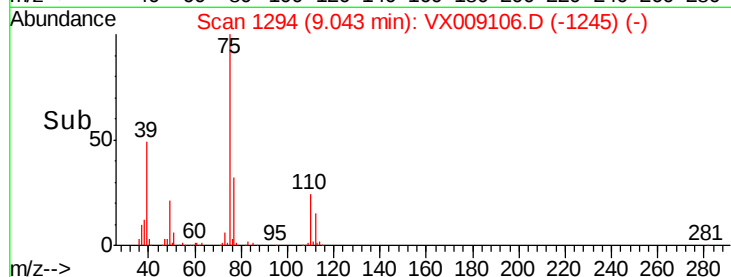
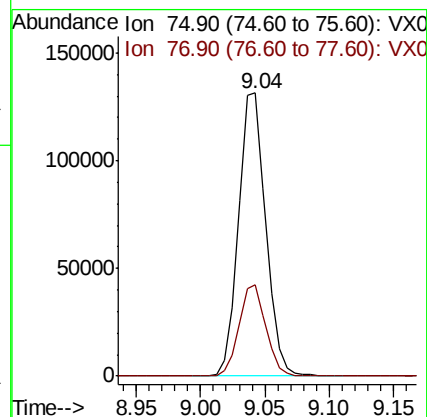
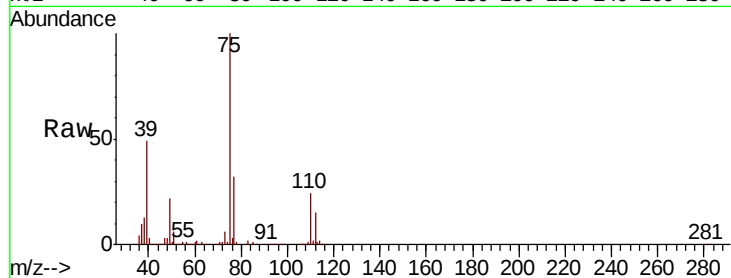
VSTDCCC050EC

Tot Ion: 75 Resp: 194039

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.057 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

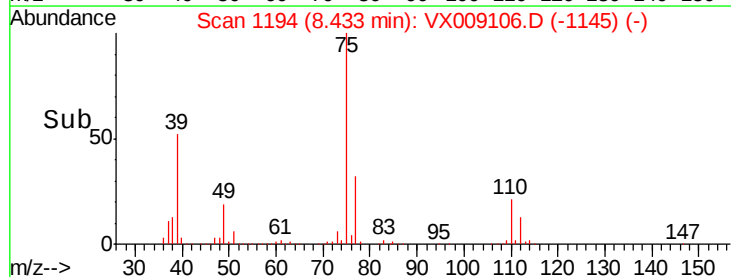
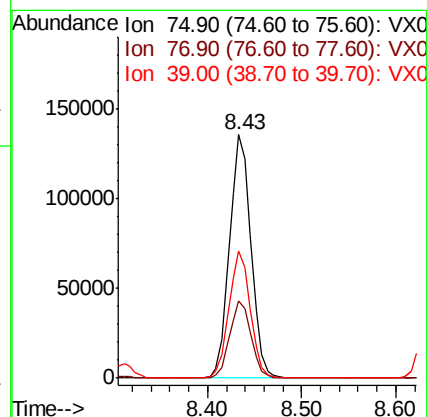
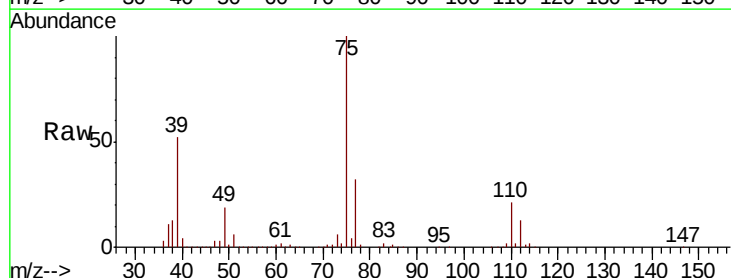
Tgt Ion: 75 Resp: 214867

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 51.9 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 54.095 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 125153

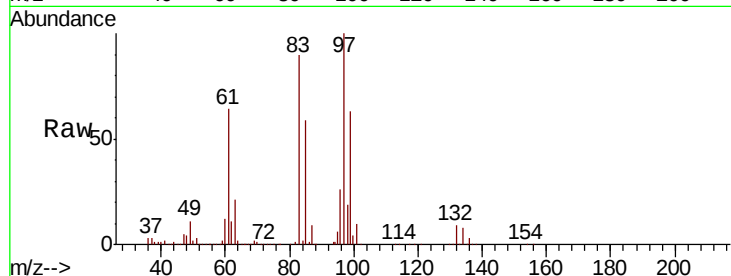
Ion Ratio Lower Upper

97 100

83 90.2 72.6 108.8

85 58.5 46.9 70.3

99 62.4 51.0 76.6

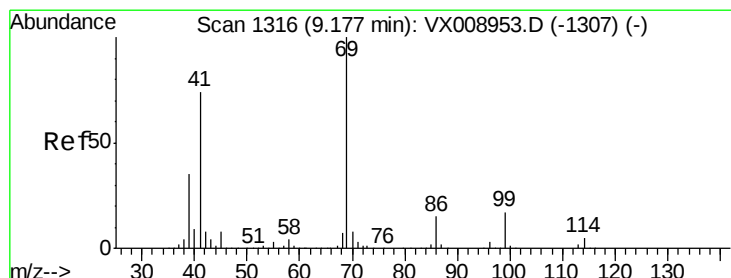
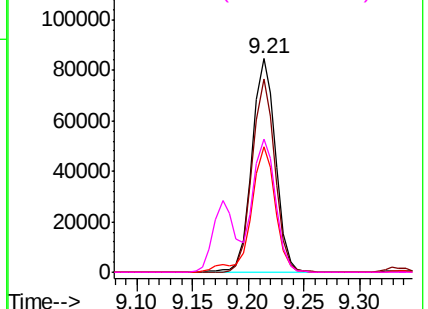
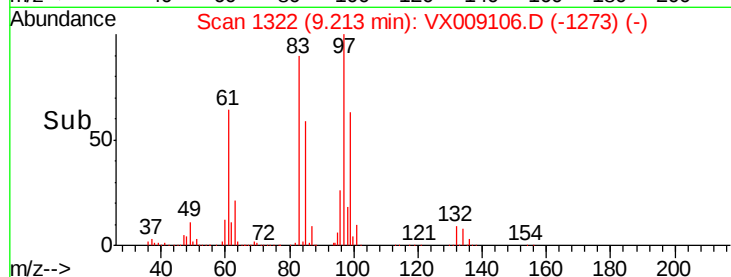


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 55.223 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

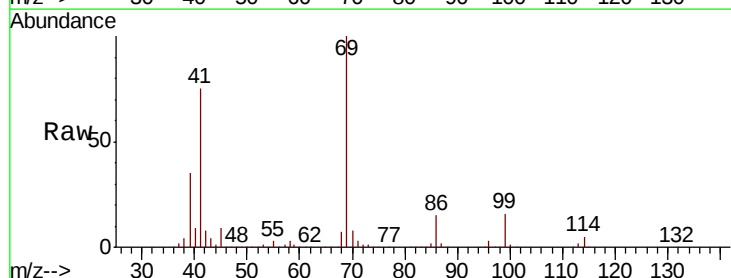
Tgt Ion: 69 Resp: 229091

Ion Ratio Lower Upper

69 100

41 76.3 60.2 90.2

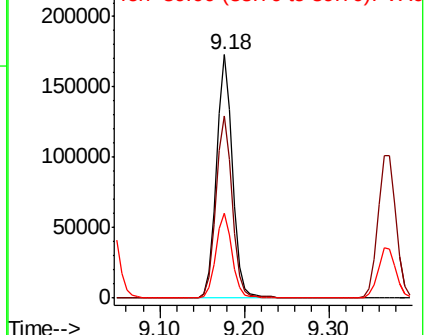
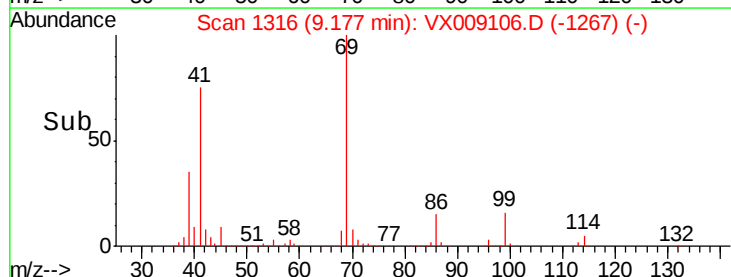
39 35.4 27.9 41.9

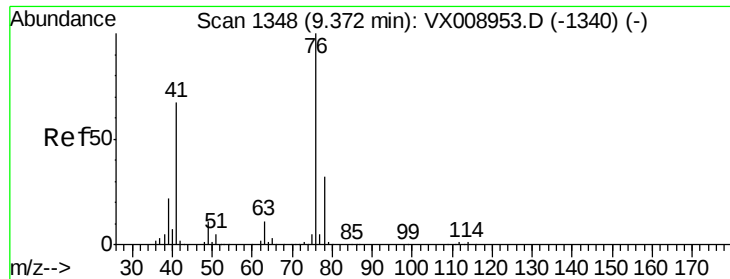


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

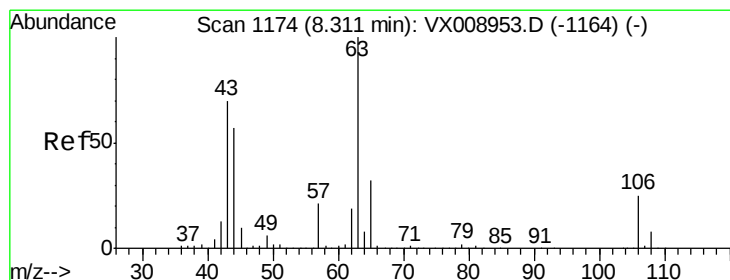
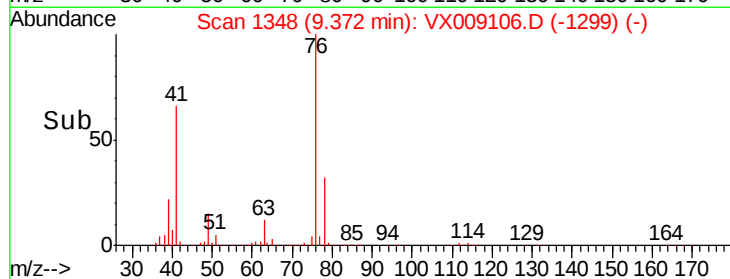
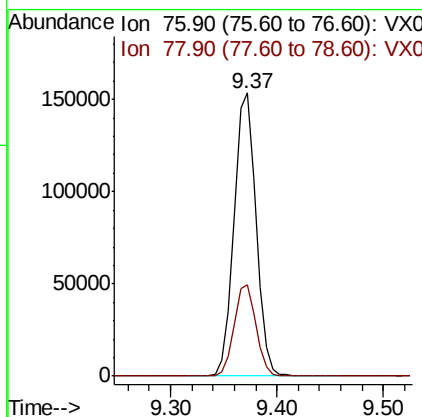
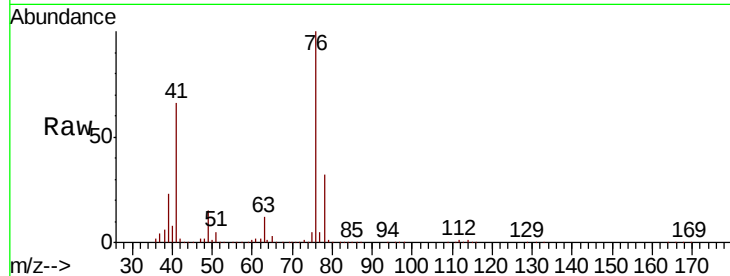




#57
 1,3-Dichloropropane
 Concen: 54.344 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

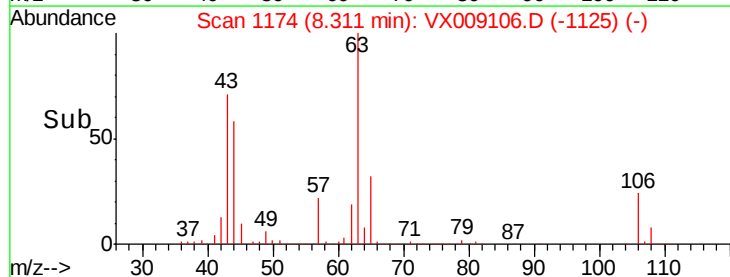
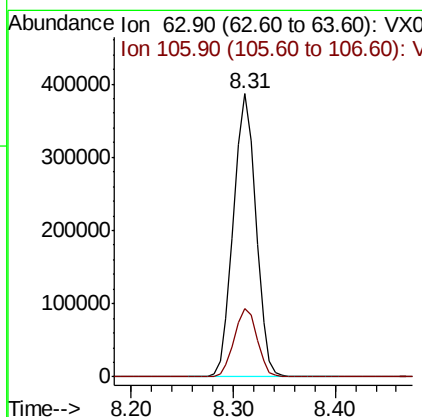
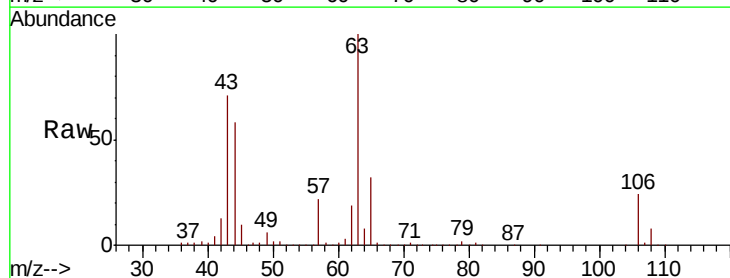
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

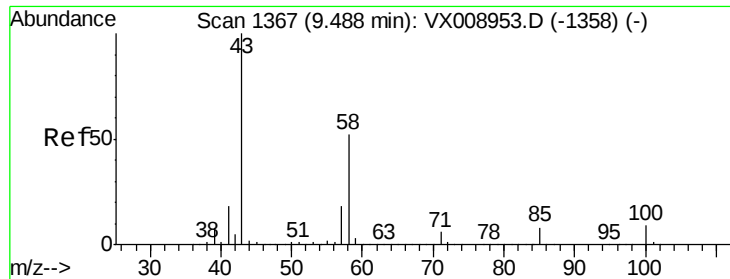
Tot Ion: 76 Resp: 223861
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.886 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 63 Resp: 589509
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.8 29.6

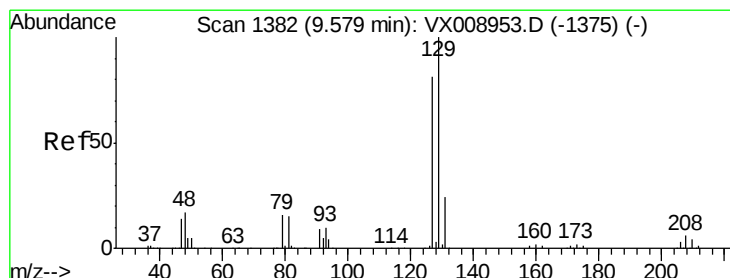
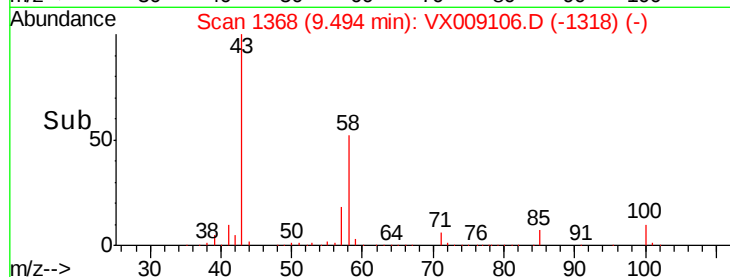
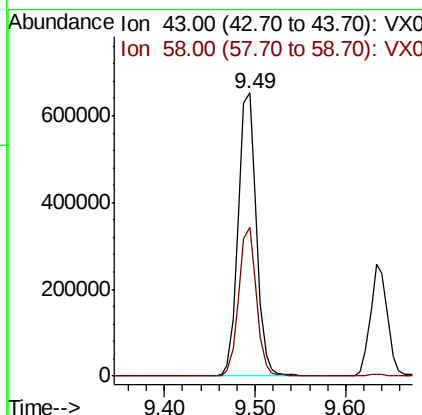
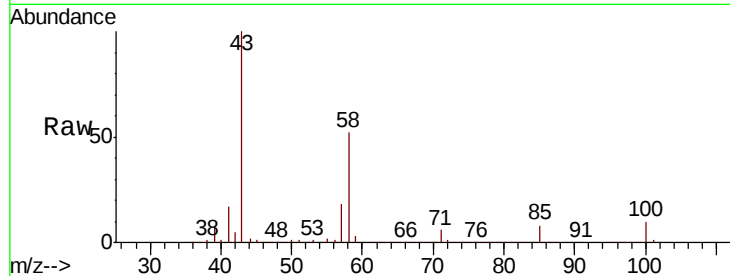




#59
2-Hexanone
Concen: 270.100 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

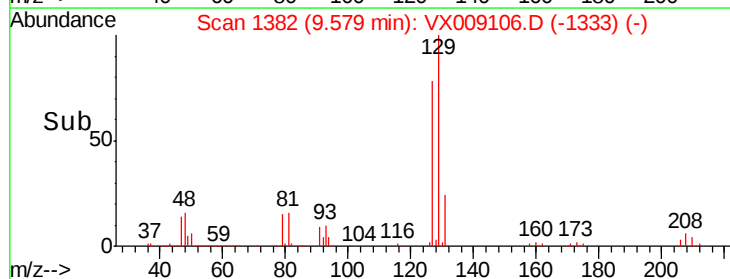
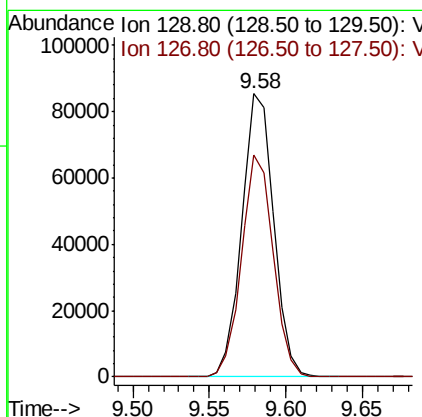
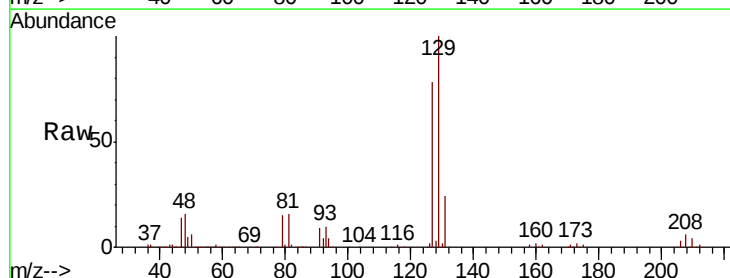
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

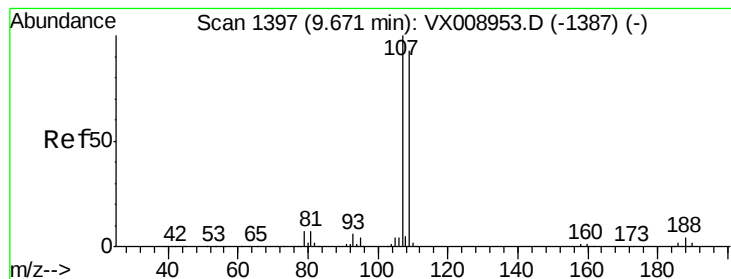
Tot Ion: 43 Resp: 908303
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 55.783 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion:129 Resp: 123692
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 54.054 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

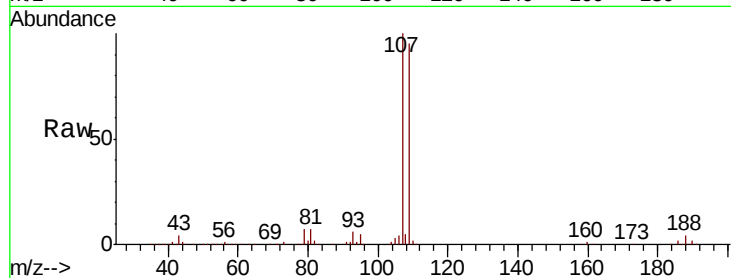
VSTDCCC050EC

Tot Ion: 107 Resp: 129071

Ion Ratio Lower Upper

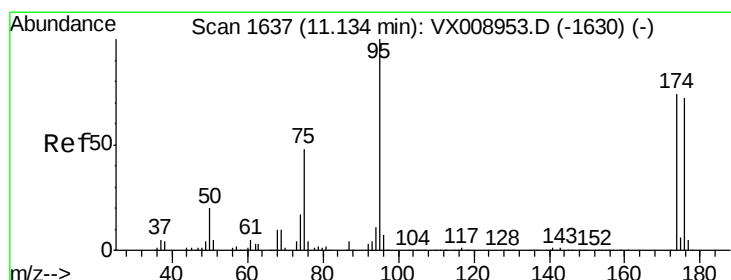
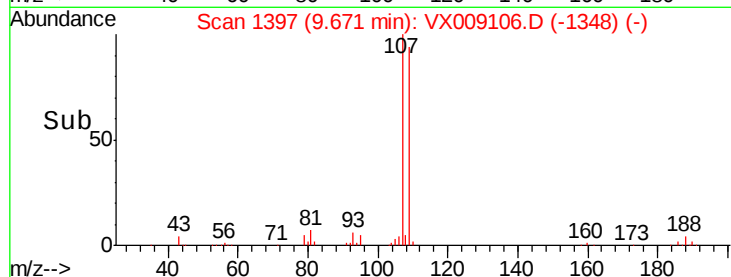
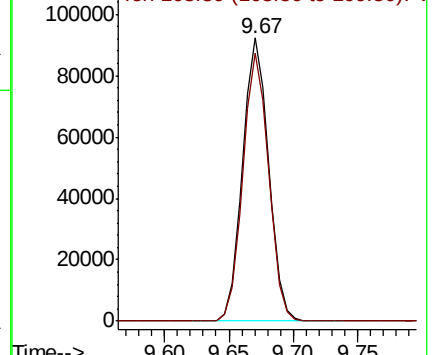
107 100

109 93.7 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.328 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

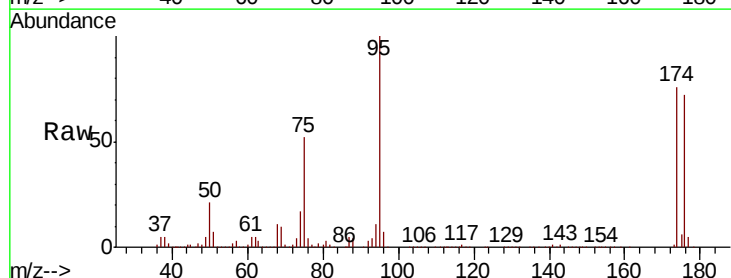
Tgt Ion: 95 Resp: 156701

Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.6

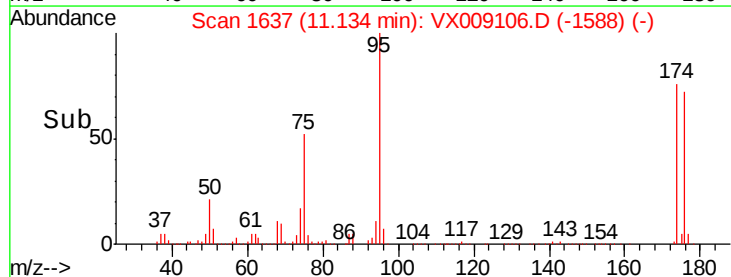
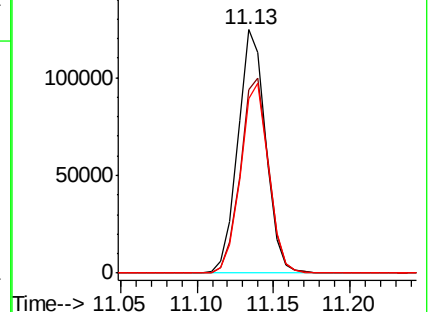
176 78.4 0.0 154.8

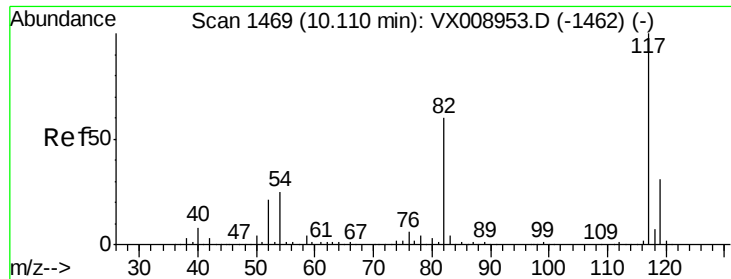


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

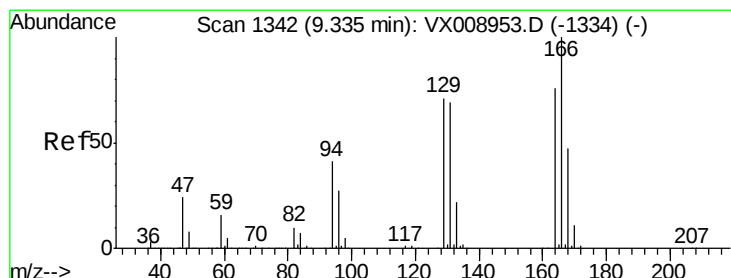
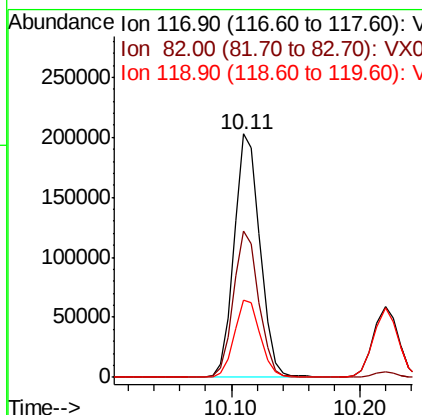
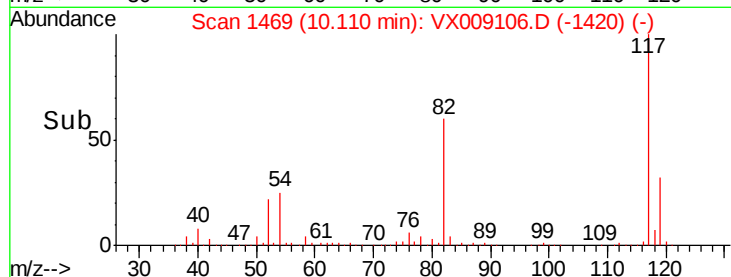
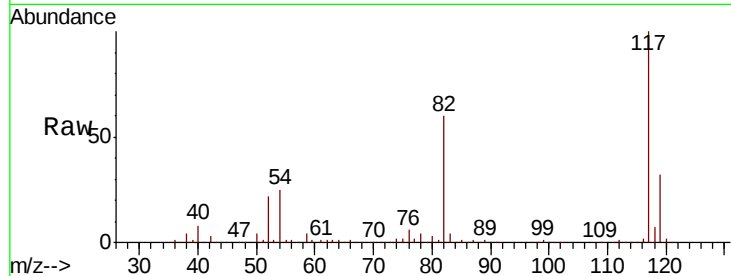




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

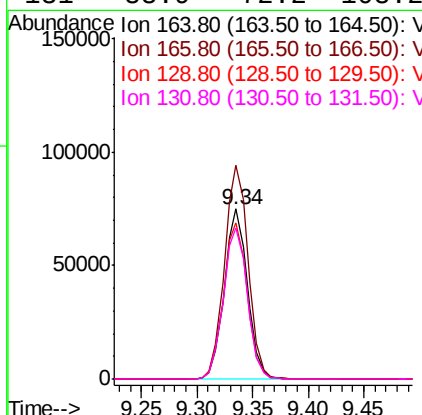
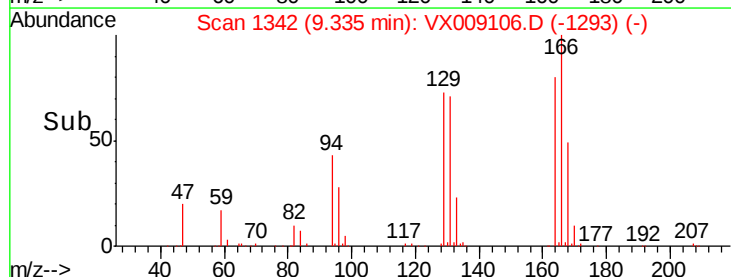
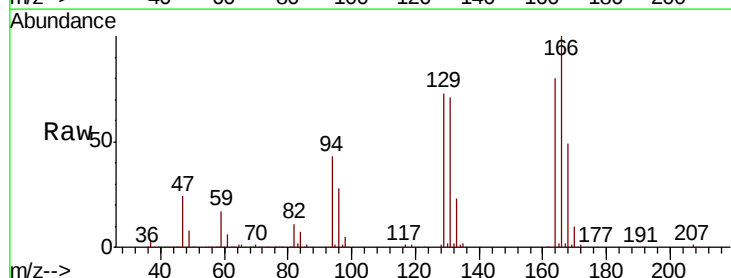
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

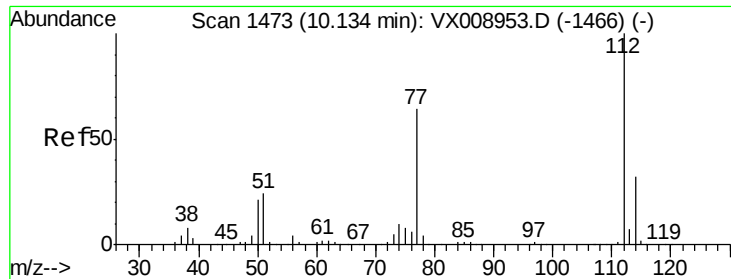
Tot Ion:117 Resp: 283009
Ion Ratio Lower Upper
117 100
82 60.1 48.2 72.4
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 50.035 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion:164 Resp: 107573
Ion Ratio Lower Upper
164 100
166 125.5 105.0 157.4
129 91.8 74.2 111.4
131 88.9 72.2 108.2

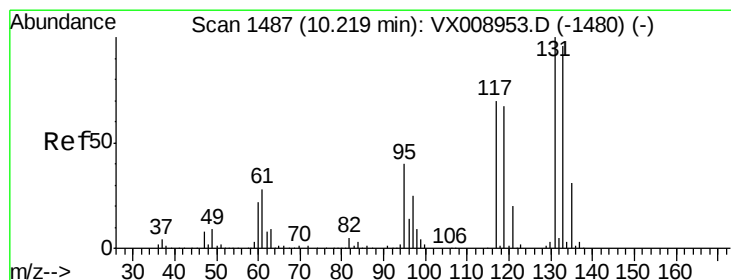
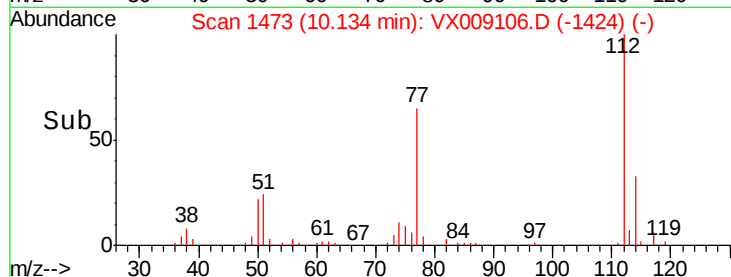
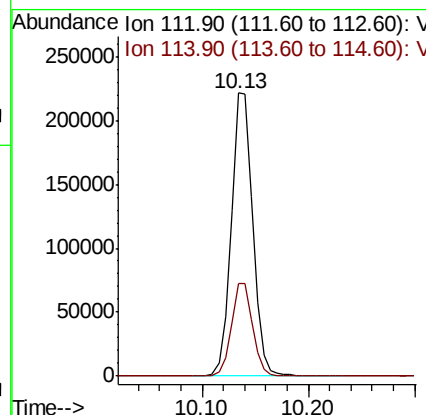
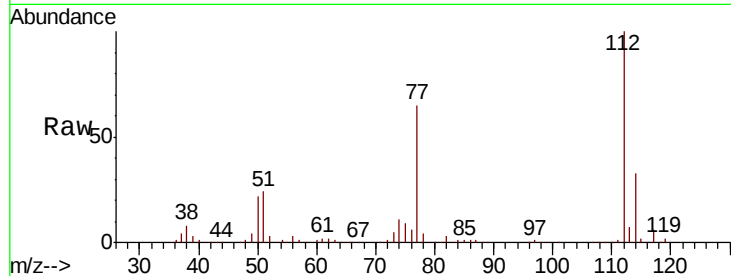




#65
Chlorobenzene
Concen: 52.411 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

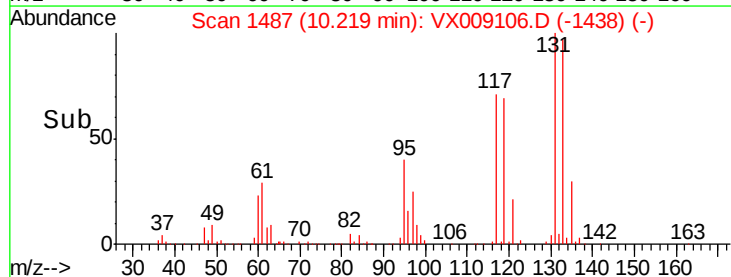
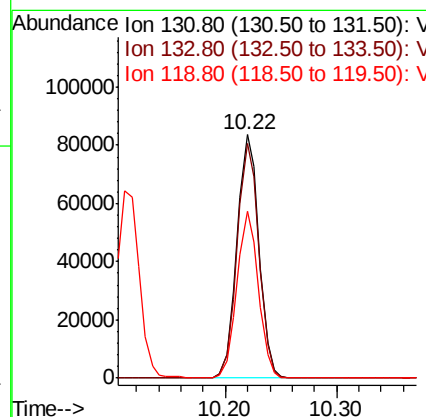
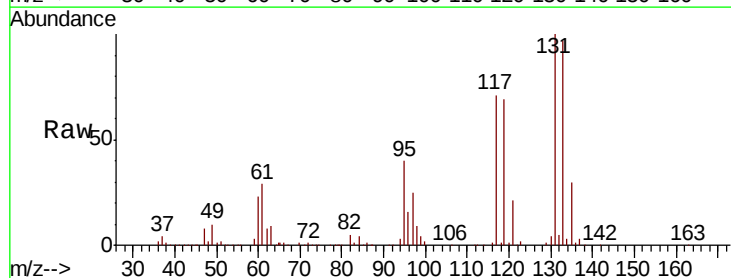
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

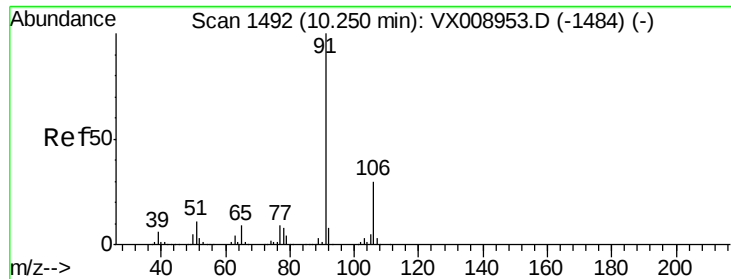
Tot Ion:112 Resp: 313082
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.121 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion:131 Resp: 113892
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 67.2 33.7 101.1

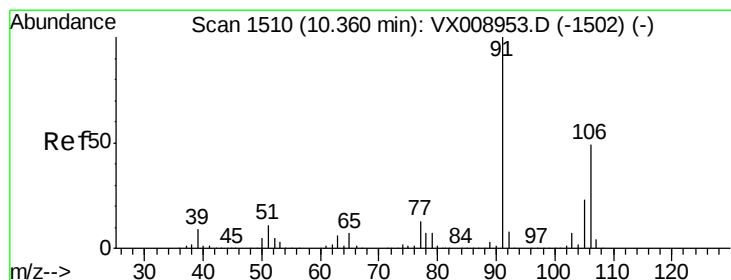
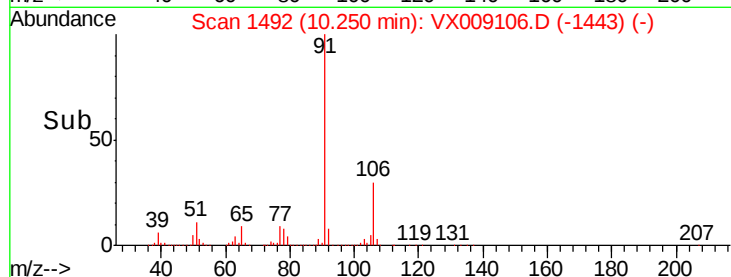
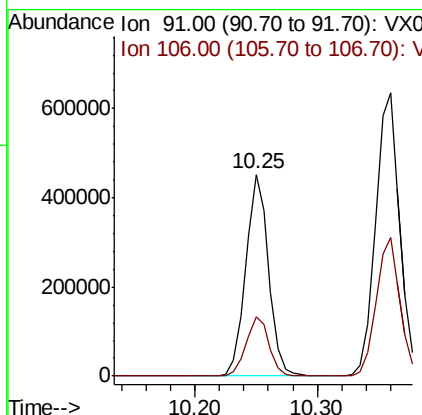
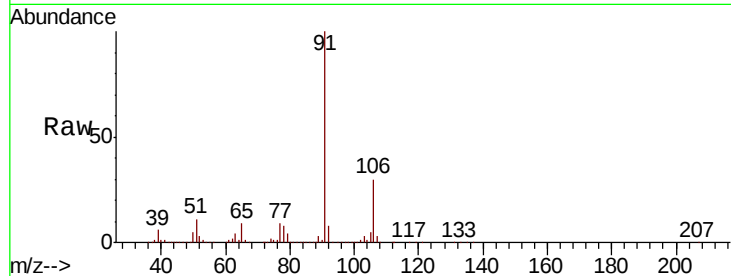




#67
Ethyl Benzene
Concen: 53.489 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

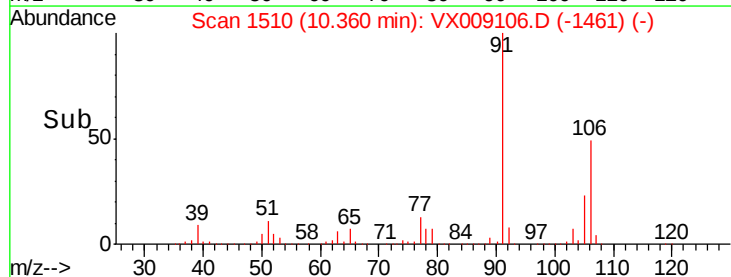
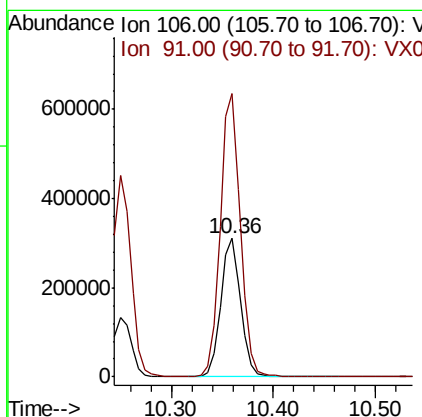
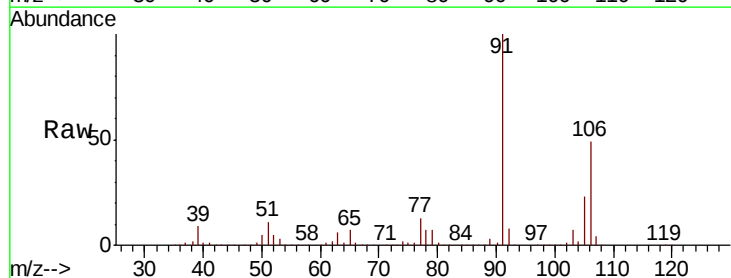
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

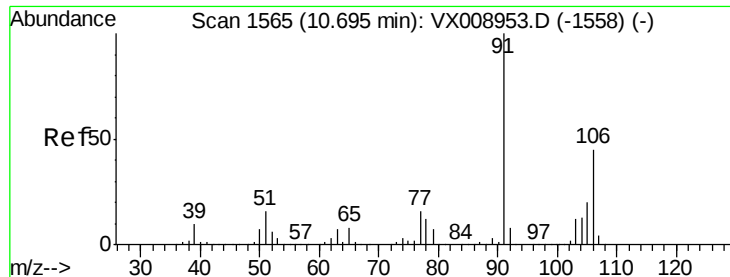
Tot Ion: 91 Resp: 584090
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5



#68
m/p-Xylenes
Concen: 105.930 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion: 106 Resp: 420390
Ion Ratio Lower Upper
106 100
91 207.3 165.4 248.2

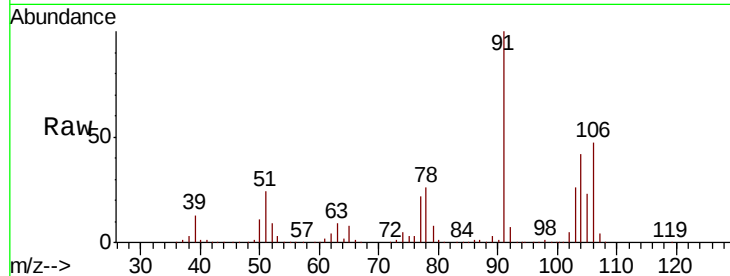




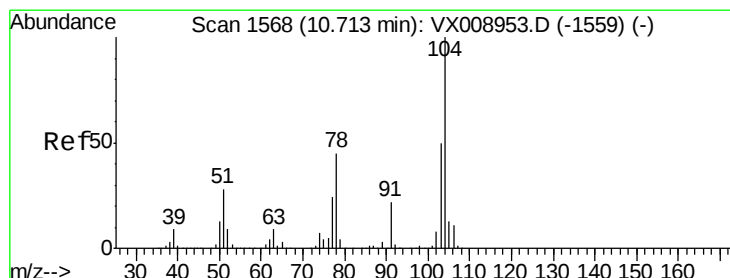
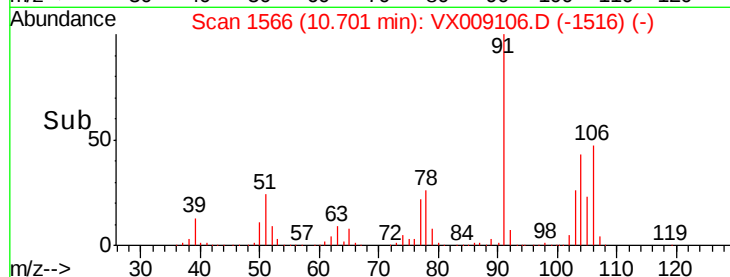
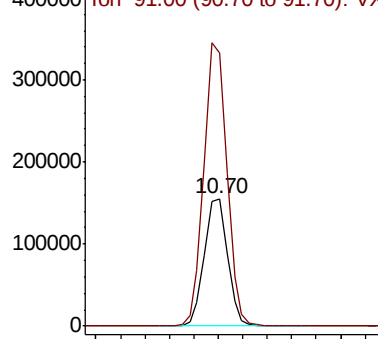
#69
o-Xylene
Concen: 53.131 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 205166
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.7

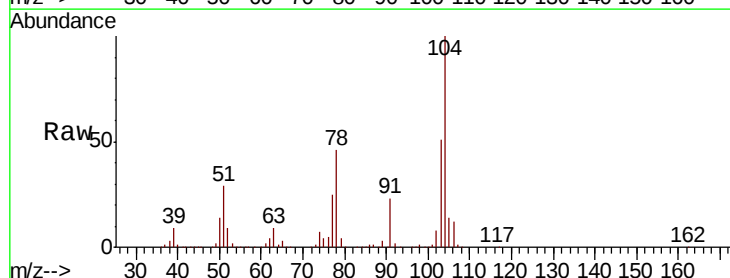


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

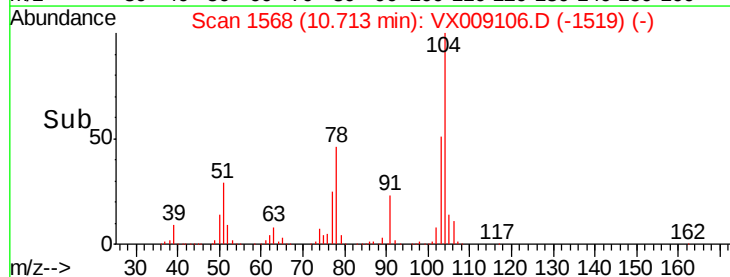
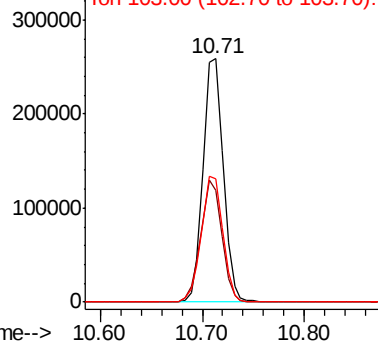


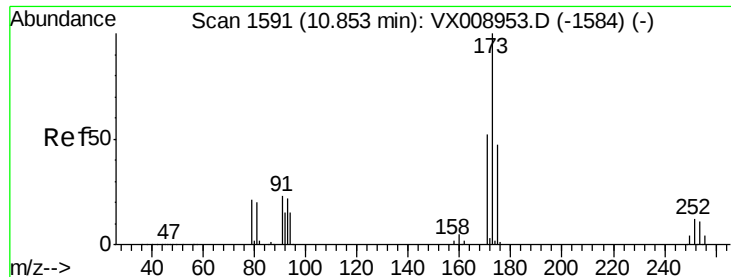
#70
Styrene
Concen: 52.682 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion:104 Resp: 352529
Ion Ratio Lower Upper
104 100
78 52.7 41.2 61.8
103 55.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.617 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

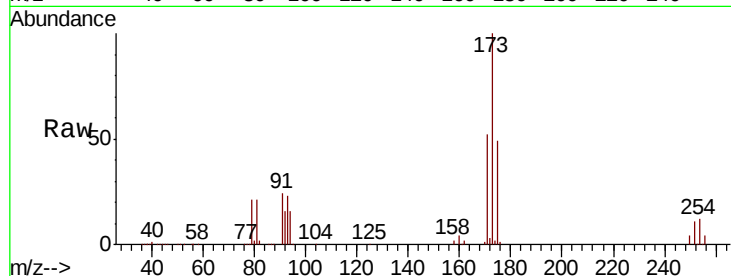
Tot Ion:173 Resp: 89892

Ion Ratio Lower Upper

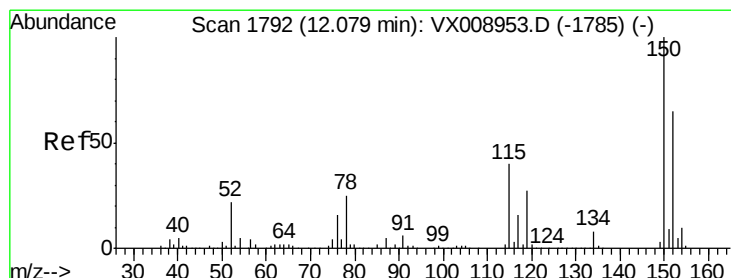
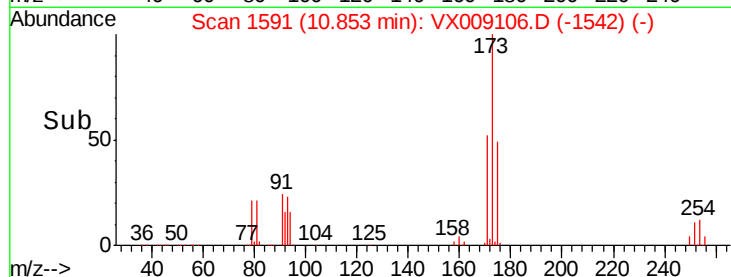
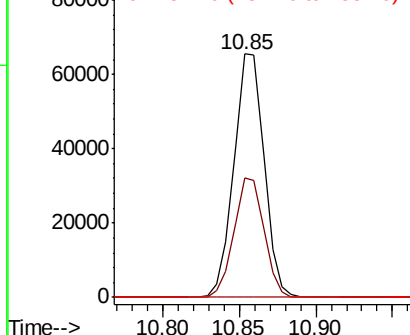
173 100

175 48.8 23.9 71.8

254 0.0 0.2 0.4#



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: VX009106.D

Acq: 22 Apr 2019 18:42

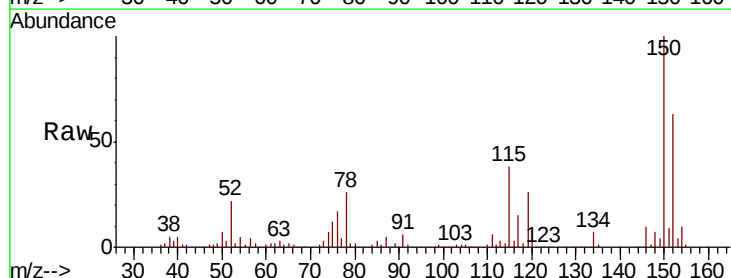
Tgt Ion:152 Resp: 132009

Ion Ratio Lower Upper

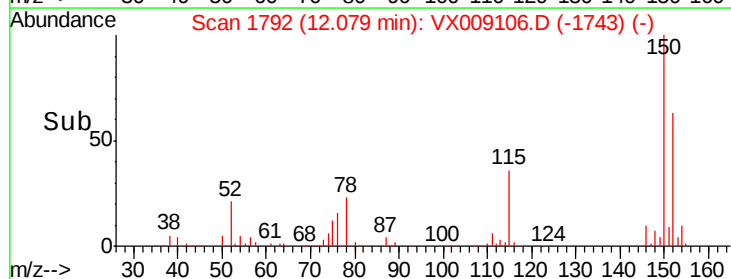
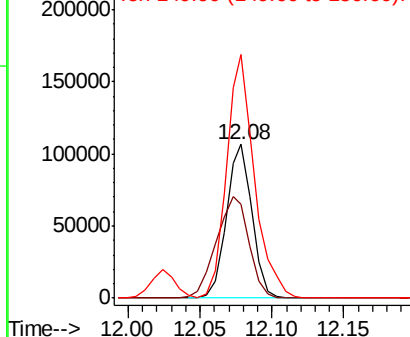
152 100

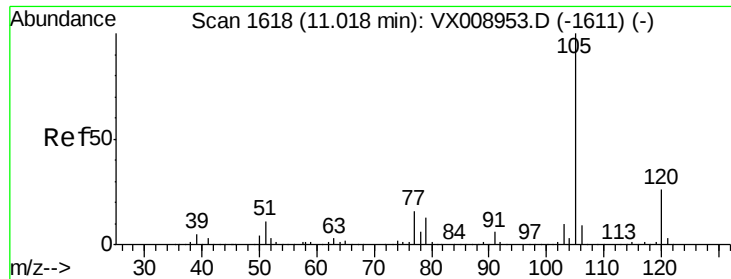
115 84.6 41.4 124.2

150 173.4 0.0 349.8



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: 53.882 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

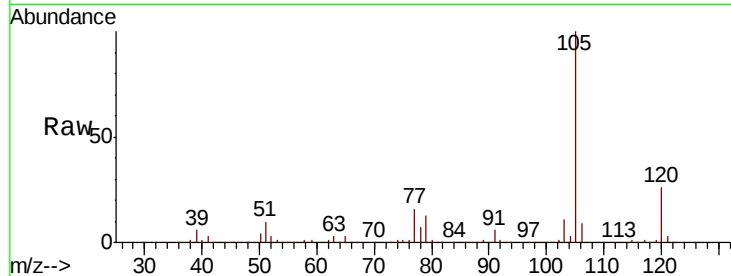
VSTDCCC050EC

Tot Ion:105 Resp: 539148

Ion Ratio Lower Upper

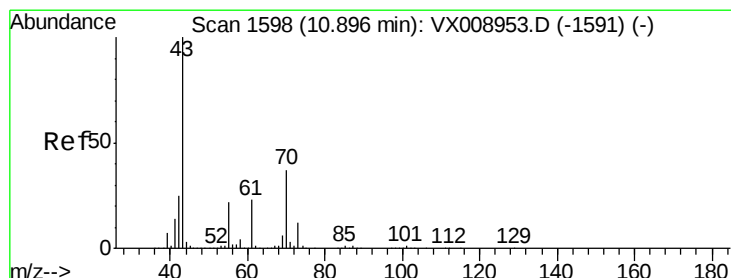
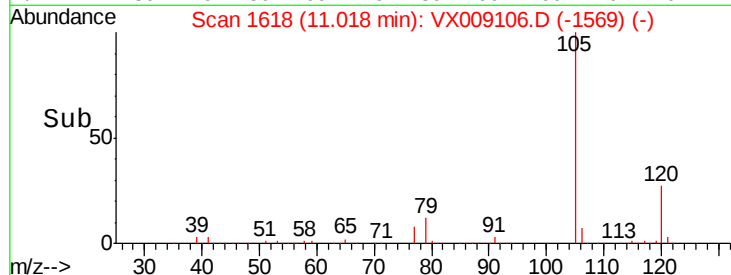
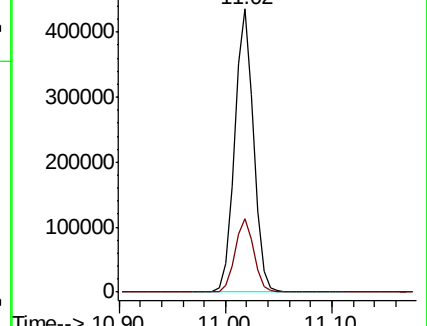
105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.201 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Tgt Ion: 43 Resp: 317144

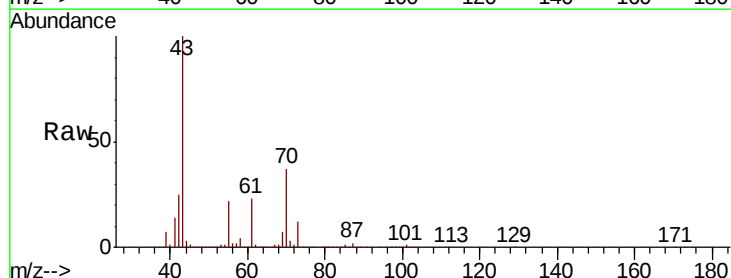
Ion Ratio Lower Upper

43 100

70 37.0 29.9 44.9

55 22.6 17.8 26.8

61 22.6 18.3 27.5

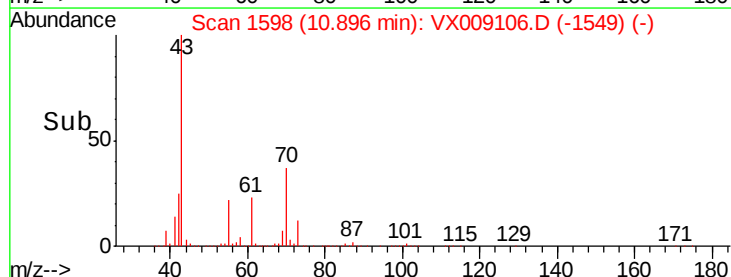
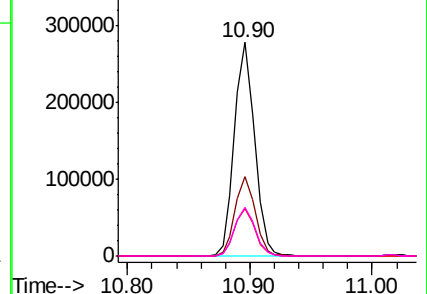


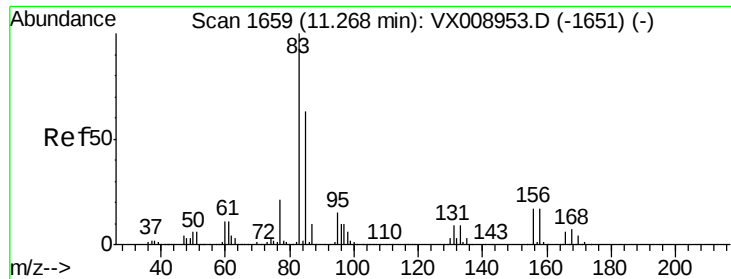
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.052 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

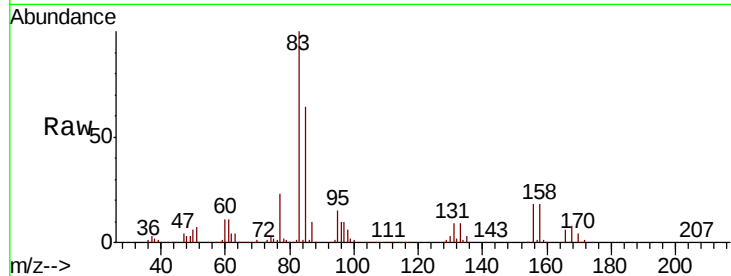
Tot Ion: 83 Resp: 193960

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

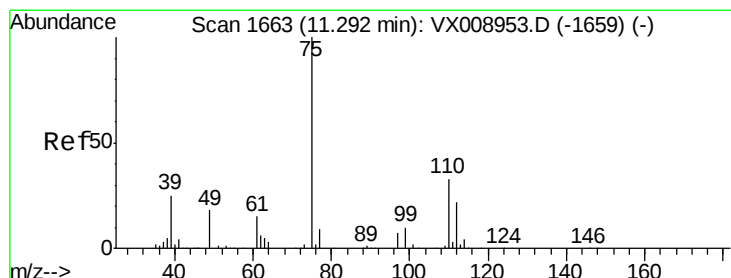
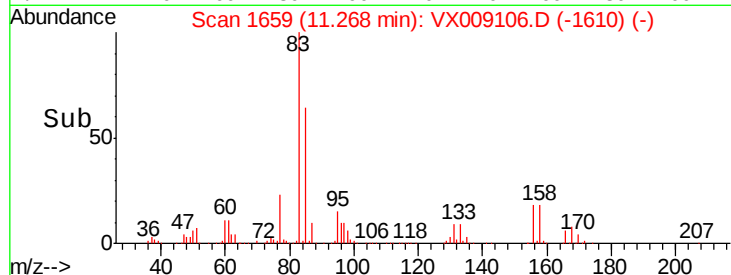
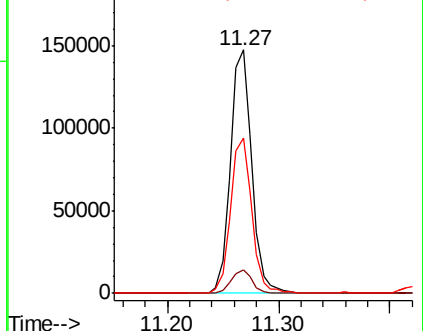
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 72.445 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009106.D

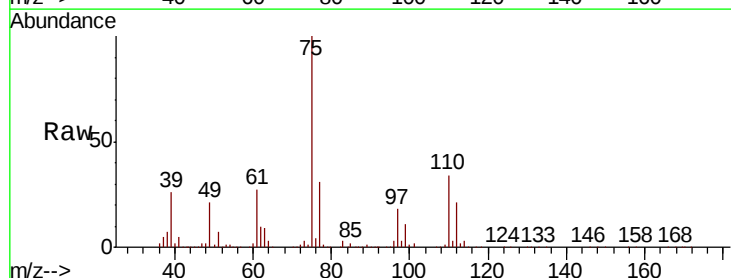
Acq: 22 Apr 2019 18:42

Tgt Ion: 75 Resp: 233520

Ion Ratio Lower Upper

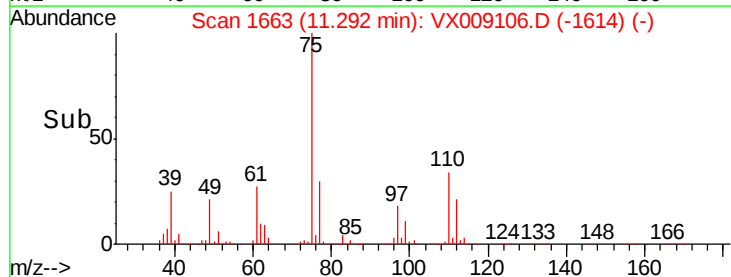
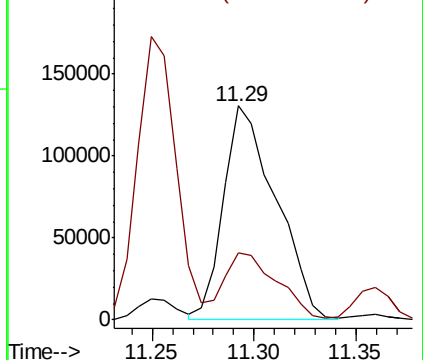
75 100

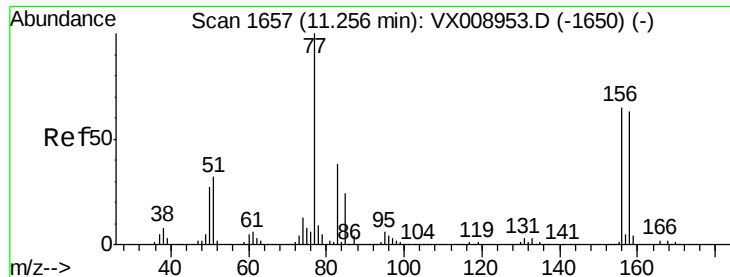
77 31.9 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.815 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

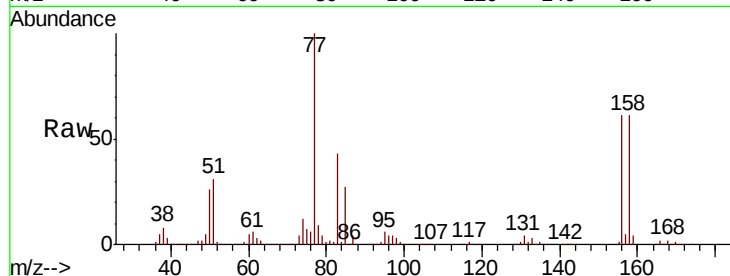
Tot Ion:156 Resp: 130813

Ion Ratio Lower Upper

156 100

77 174.4 85.4 256.1

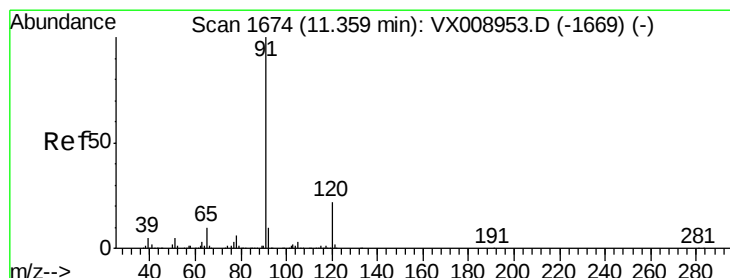
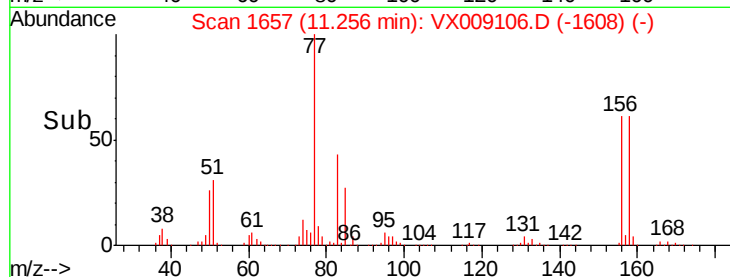
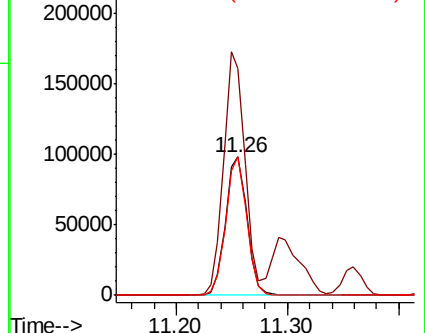
158 98.0 48.8 146.4



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: 54.187 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009106.D

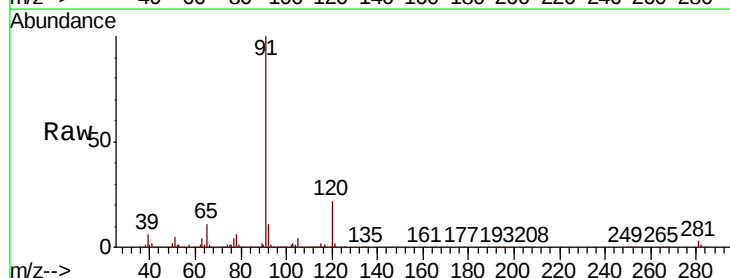
Acq: 22 Apr 2019 18:42

Tgt Ion: 91 Resp: 622326

Ion Ratio Lower Upper

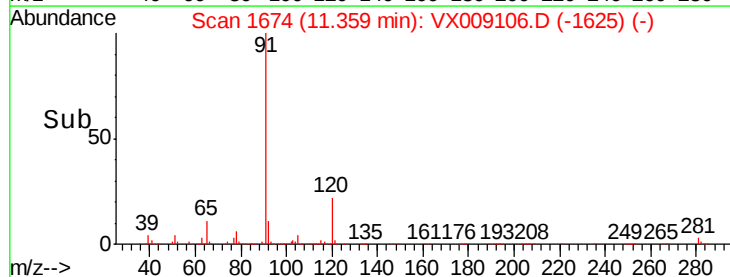
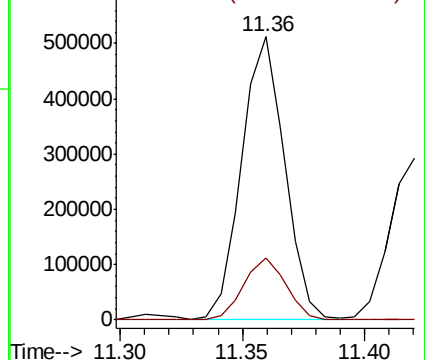
91 100

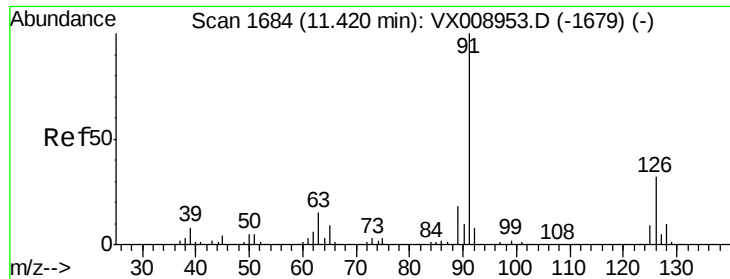
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

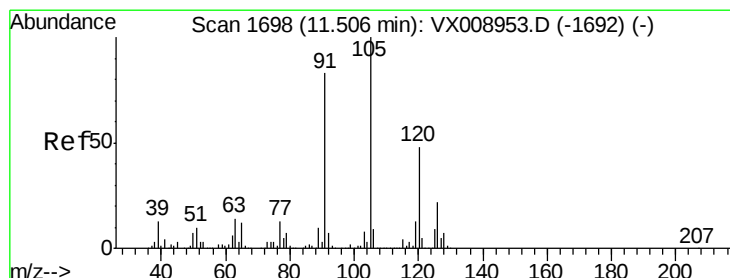
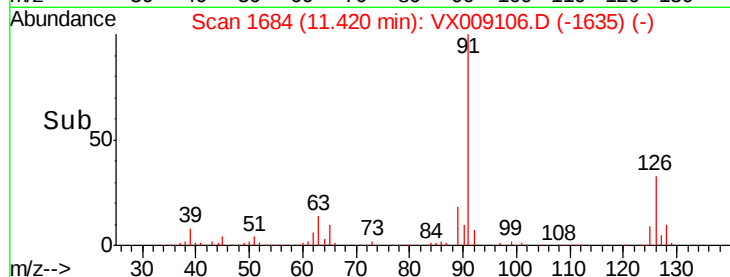
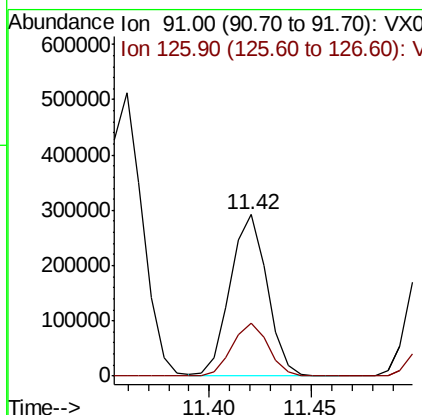
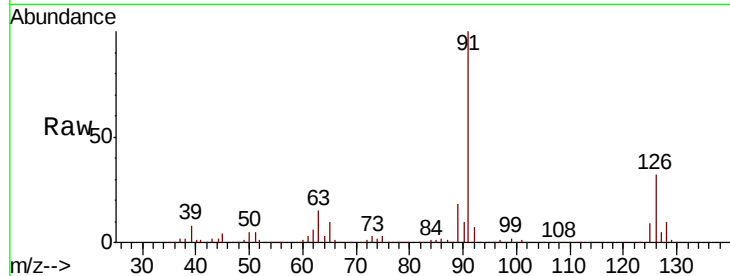




#79
 2-Chlorotoluene
 Concen: 52.877 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

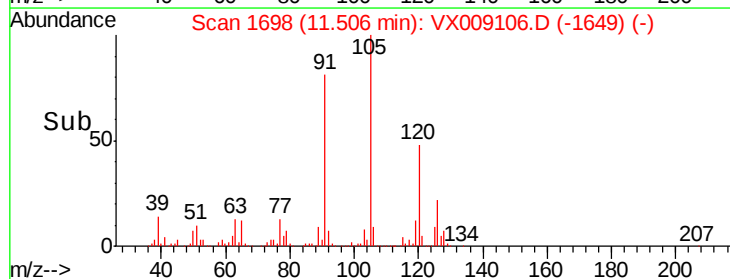
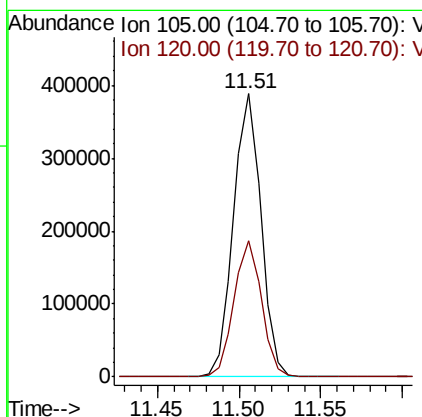
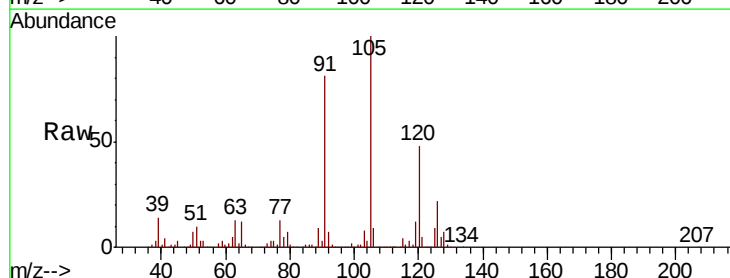
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

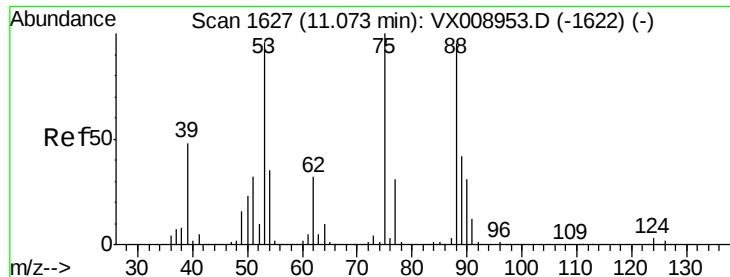
Tot Ion: 91 Resp: 365947
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 54.461 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 105 Resp: 457291
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 54.604 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

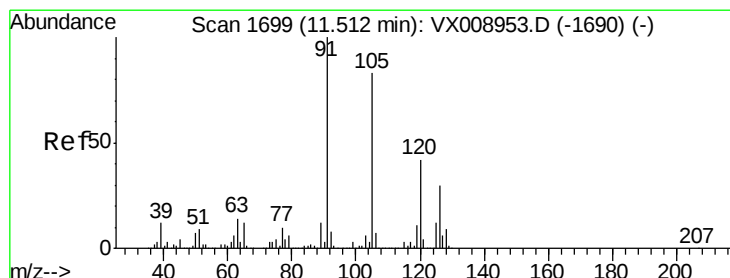
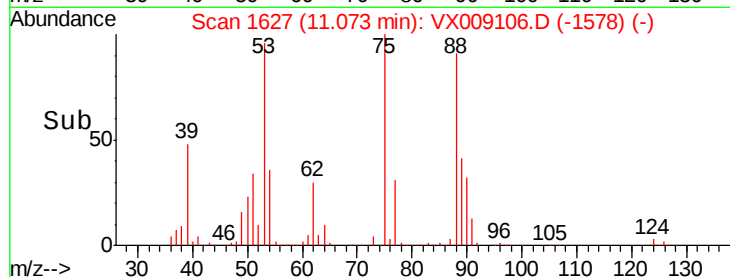
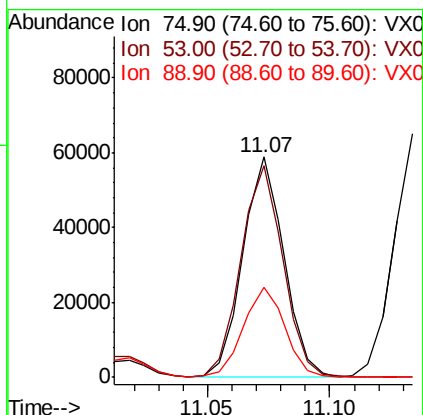
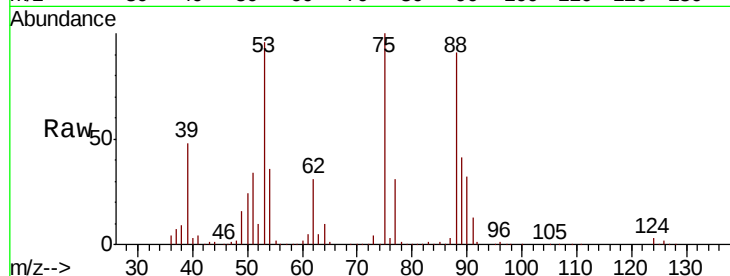
Tot Ion: 75 Resp: 68559

Ion Ratio Lower Upper

75 100

53 98.7 78.2 117.4

89 41.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 52.571 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009106.D

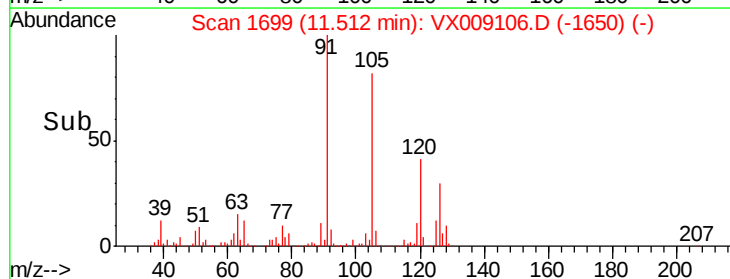
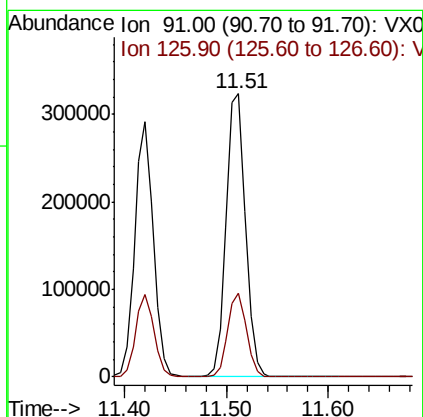
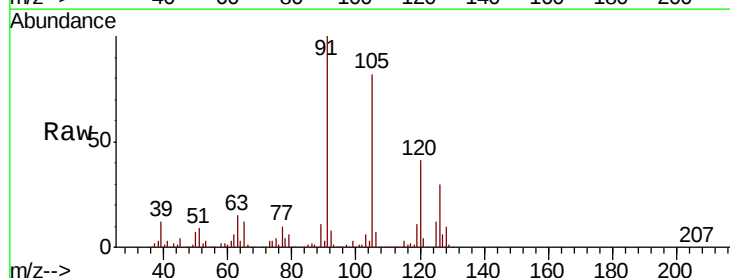
Acq: 22 Apr 2019 18:42

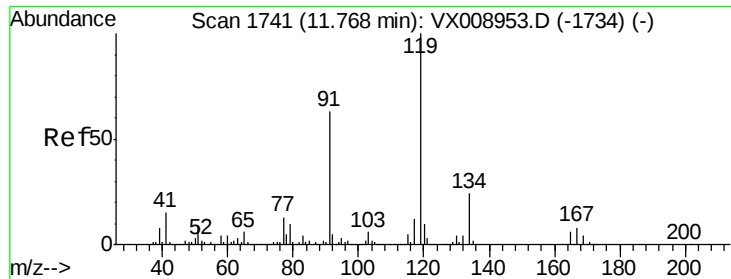
Tgt Ion: 91 Resp: 422544

Ion Ratio Lower Upper

91 100

126 28.8 14.3 42.9

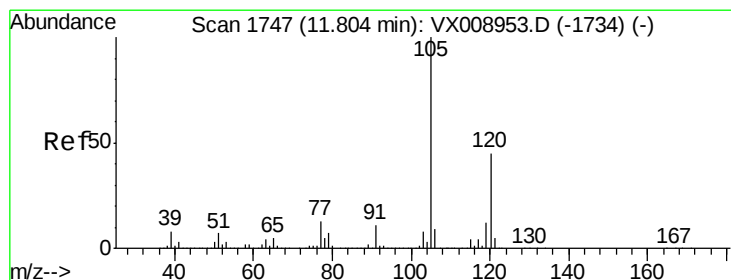
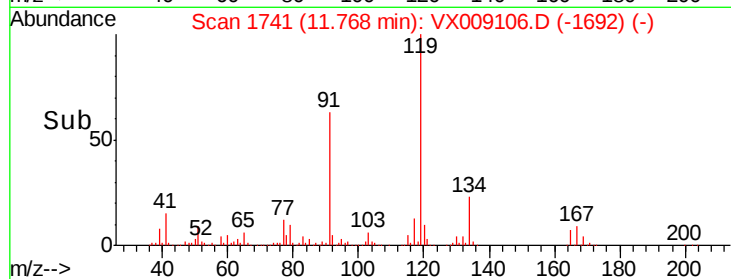
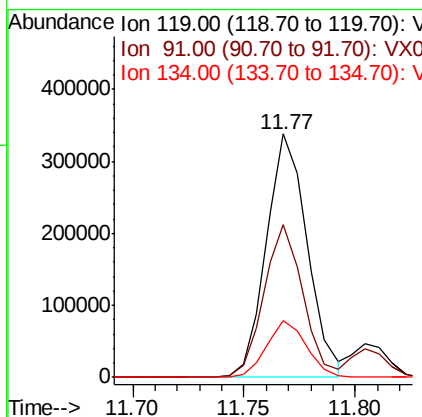
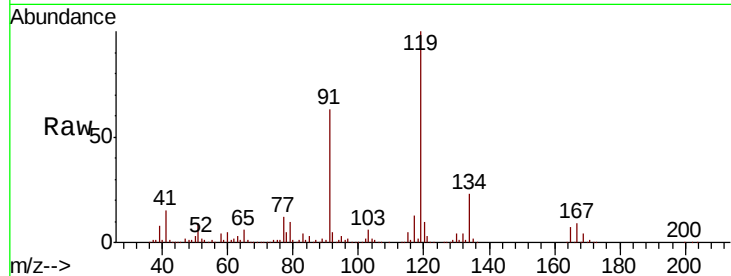




#83
tert-Butylbenzene
Concen: 53.759 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

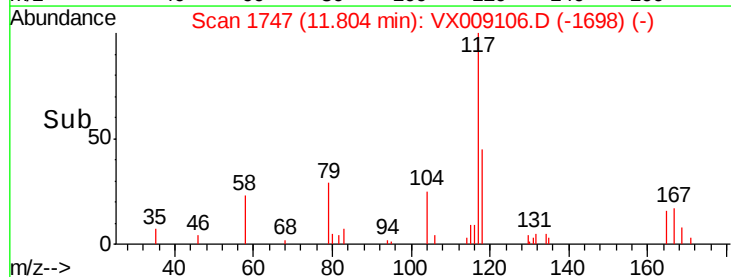
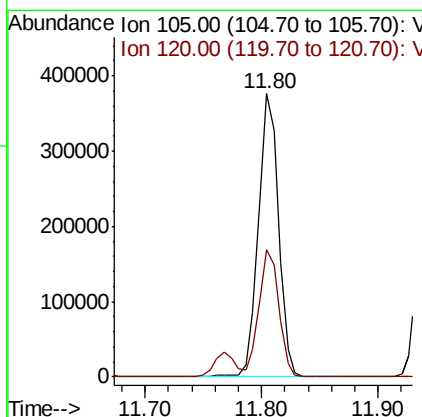
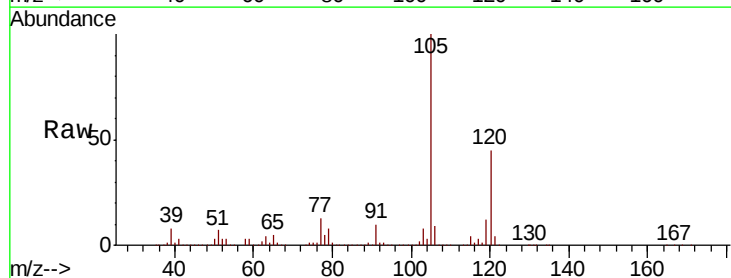
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

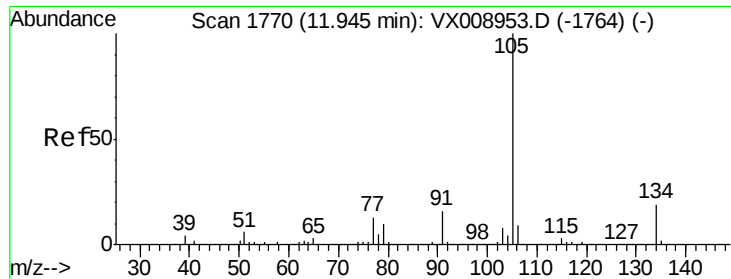
Tot Ion:119 Resp: 433380
Ion Ratio Lower Upper
119 100
91 59.7 29.7 89.1
134 22.5 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 53.562 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion:105 Resp: 457808
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 53.586 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

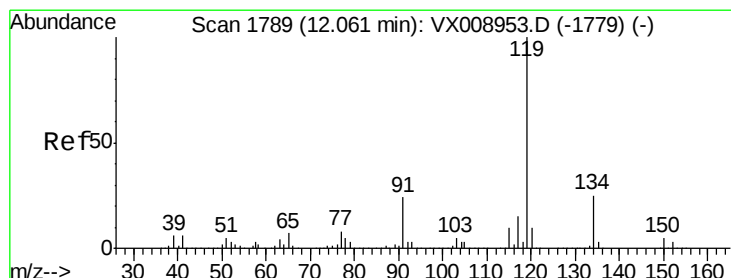
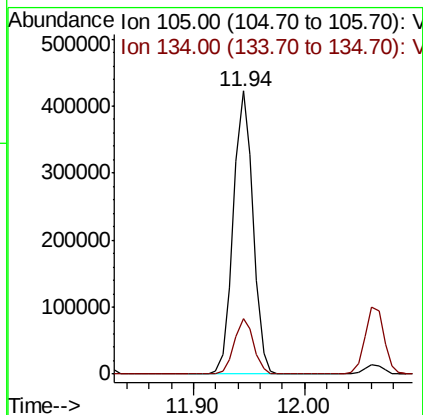
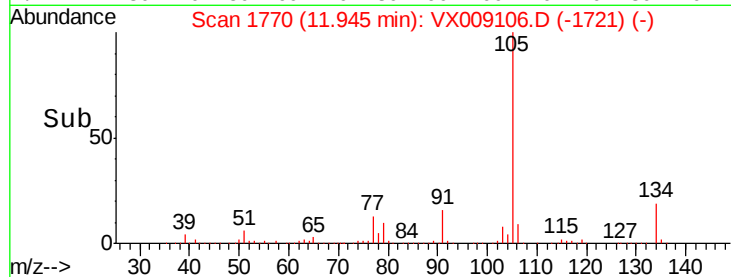
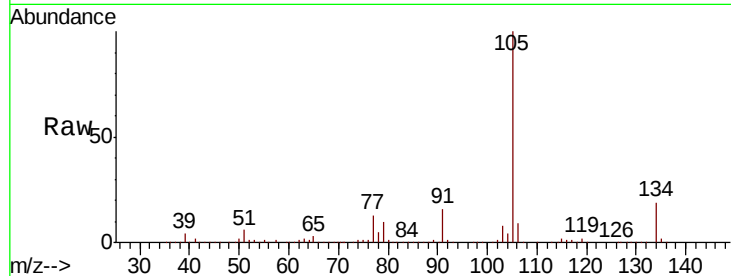
VSTDCCC050EC

Tot Ion:105 Resp: 515217

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.6



#86

p-Isopropyltoluene

Concen: 53.438 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

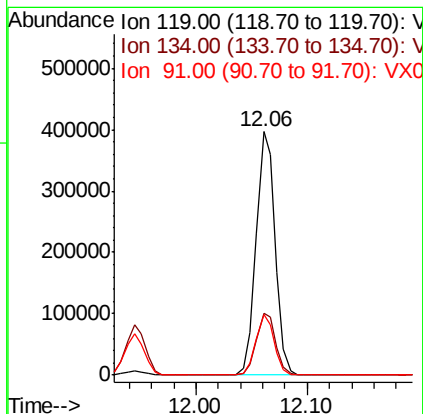
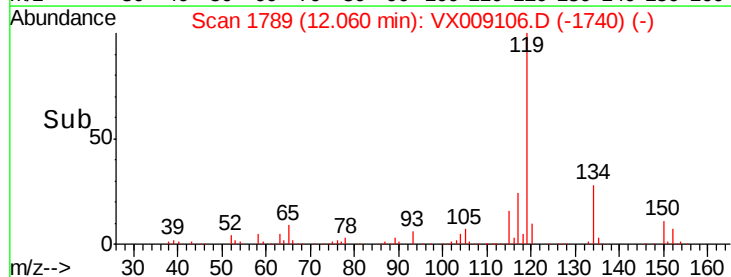
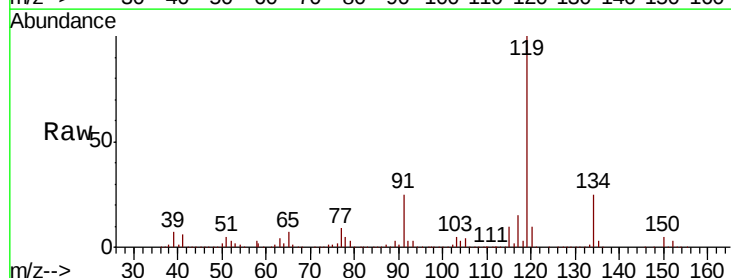
Tgt Ion:119 Resp: 472372

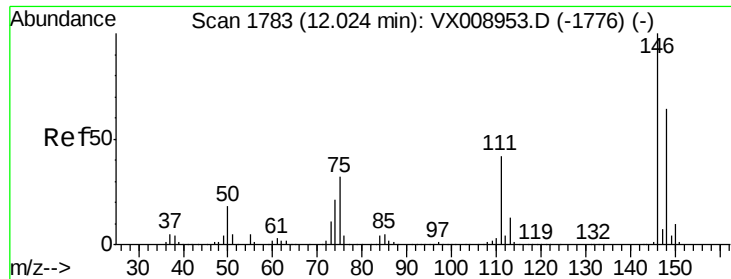
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 23.9 11.9 35.5

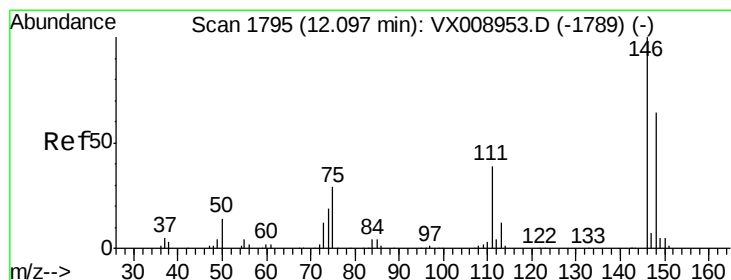
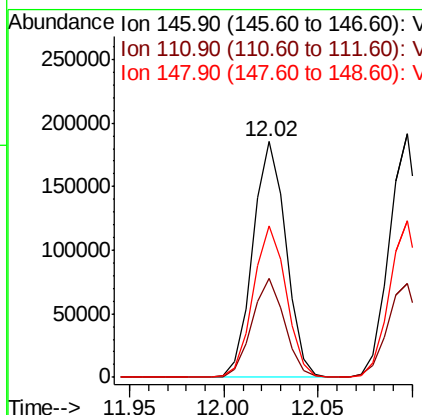
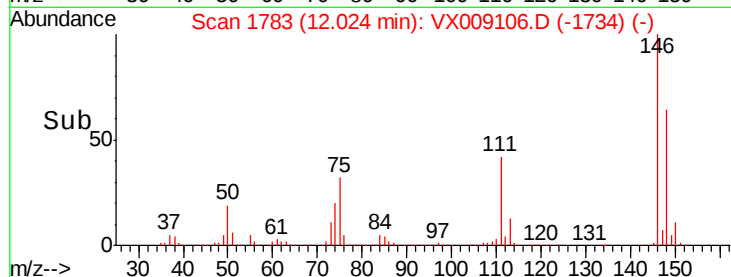
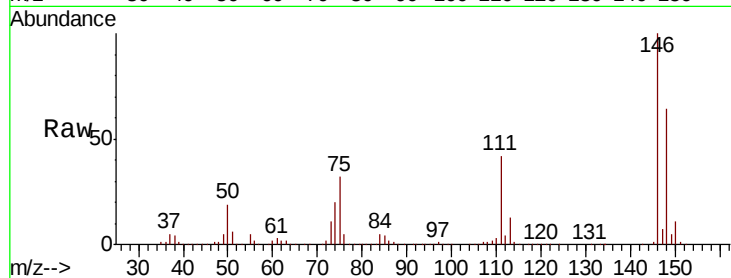




#87
 1,3-Dichlorobenzene
 Concen: 51.236 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

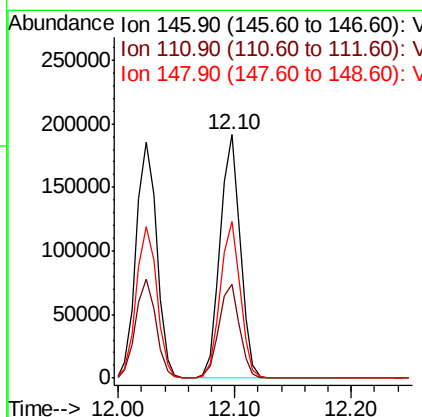
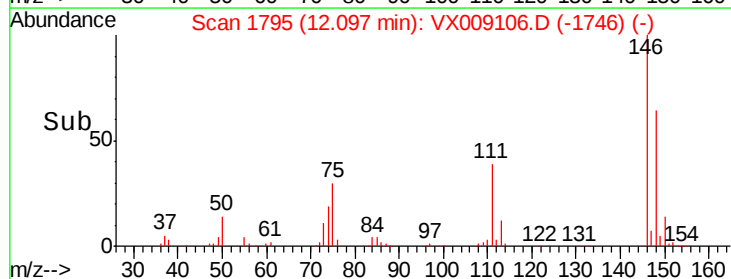
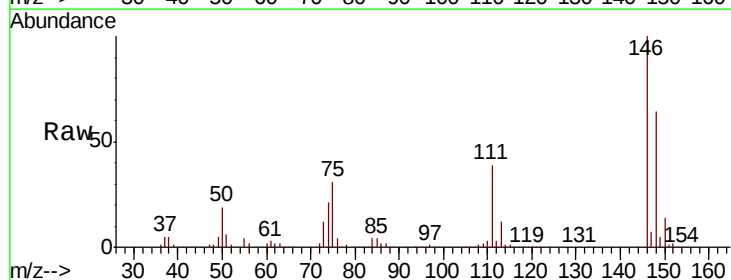
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

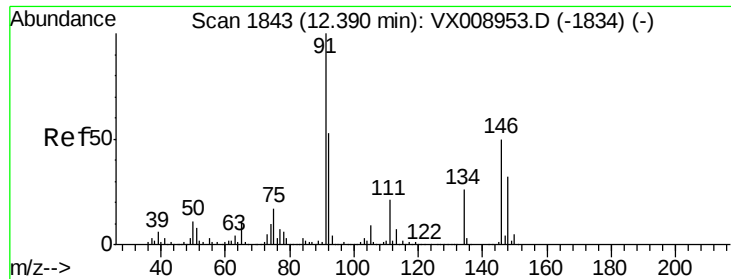
Tot Ion:146 Resp: 226393
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.005 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion:146 Resp: 228465
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.8 32.2 96.6

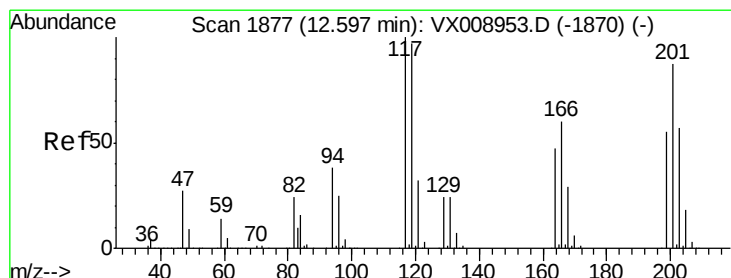
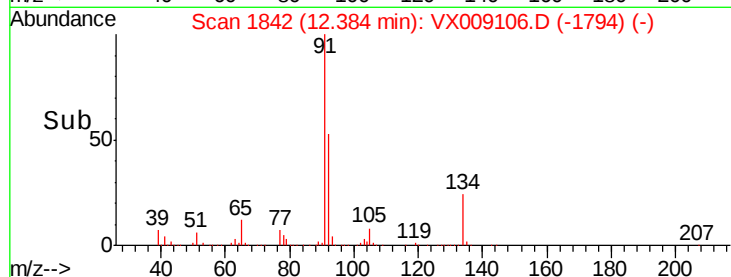
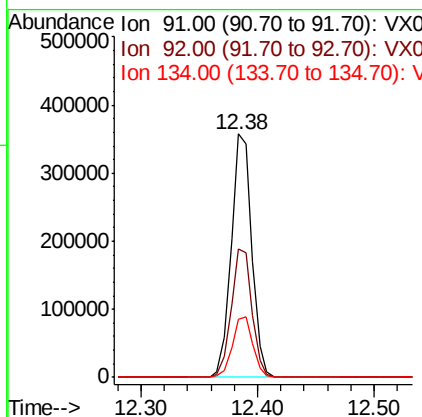
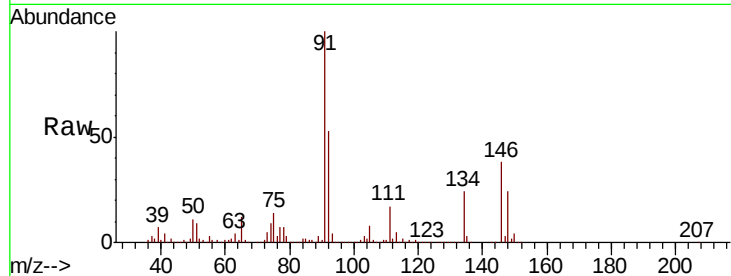




#89
n-Butylbenzene
Concen: 53.347 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

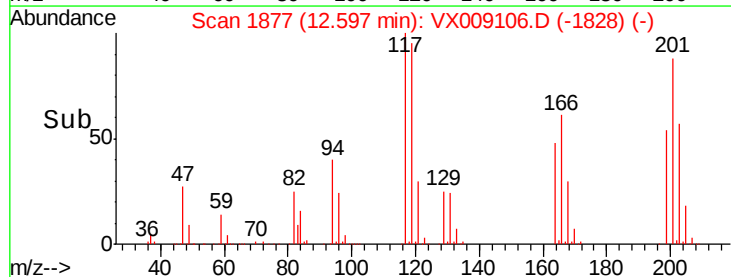
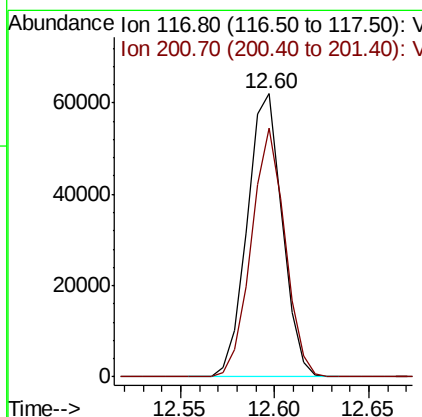
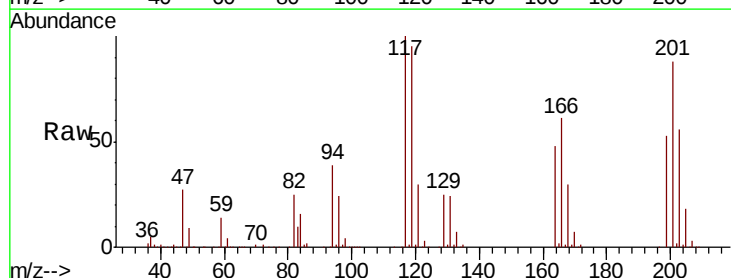
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

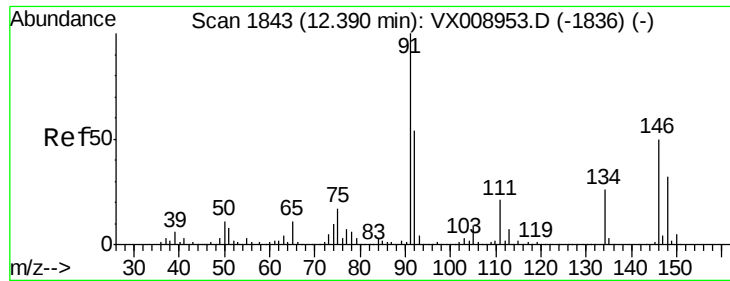
Tot Ion: 91 Resp: 439175
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.8
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 54.992 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009106.D
Acq: 22 Apr 2019 18:42

Tgt Ion: 117 Resp: 80186
Ion Ratio Lower Upper
117 100
201 84.2 43.0 129.0

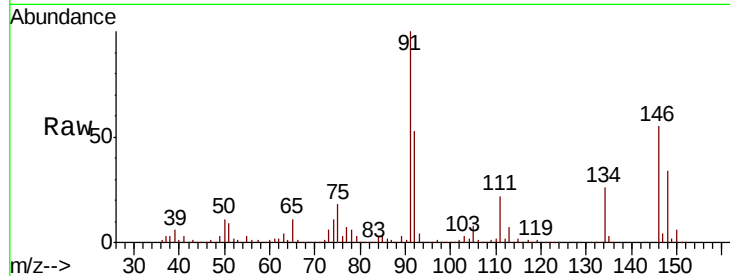




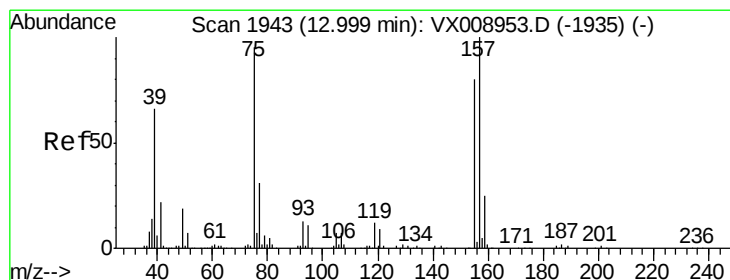
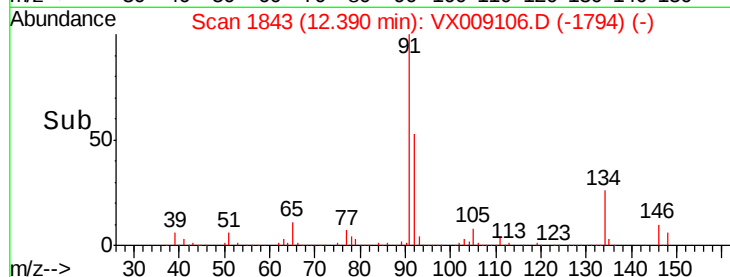
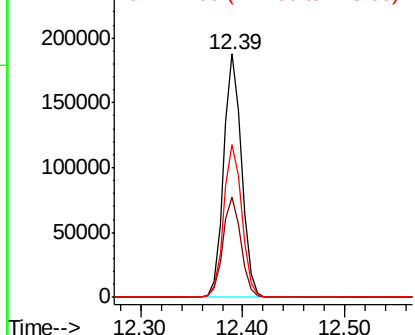
#91
 1,2-Dichlorobenzene
 Concen: 52.456 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 228878
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.9
 148 63.6 32.0 96.2

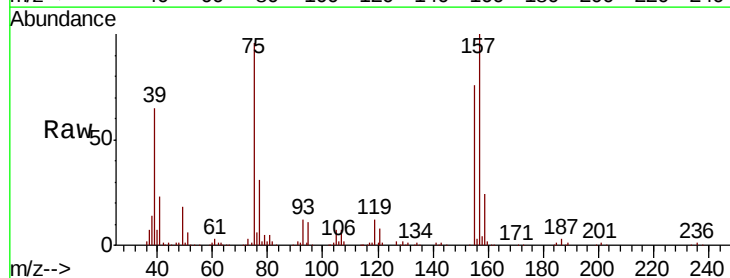


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

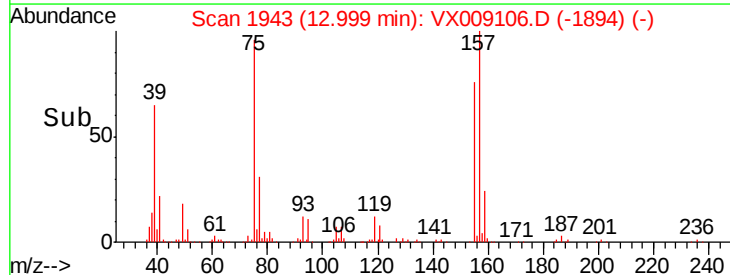
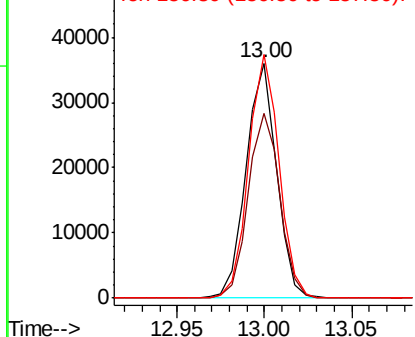


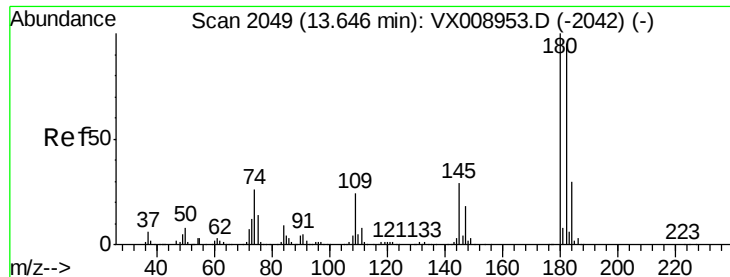
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.875 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion: 75 Resp: 44014
 Ion Ratio Lower Upper
 75 100
 155 81.0 41.2 123.6
 157 103.2 52.5 157.6



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

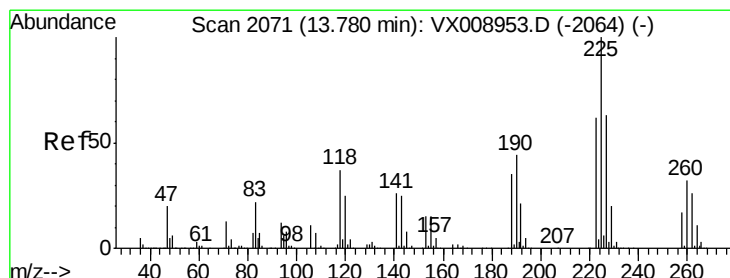
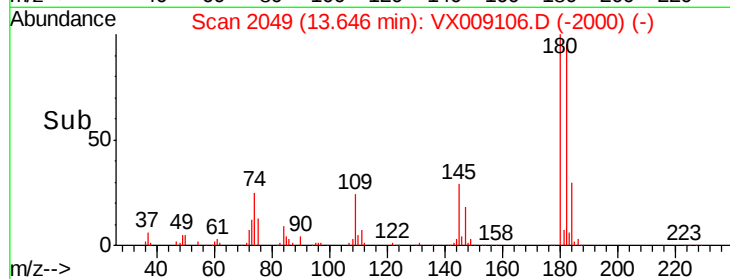
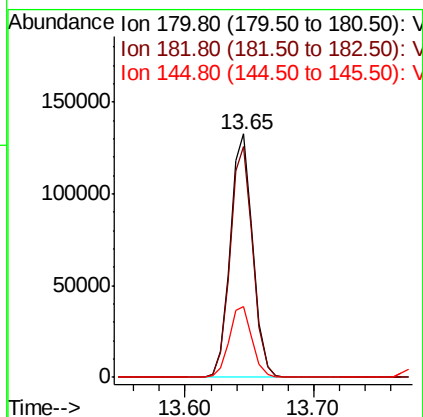
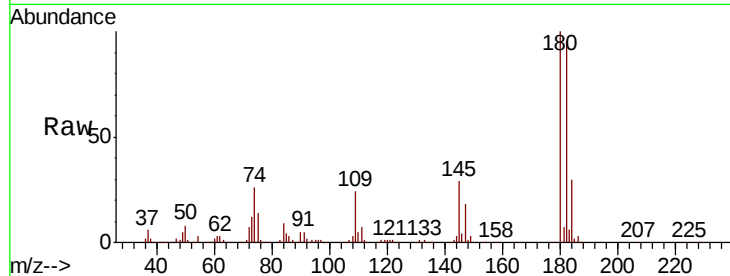




#93
 1,2,4-Trichlorobenzene
 Concen: 51.558 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

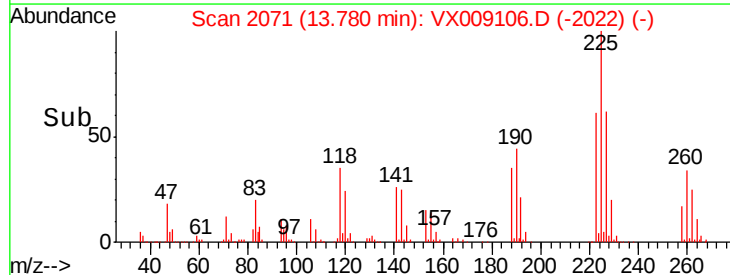
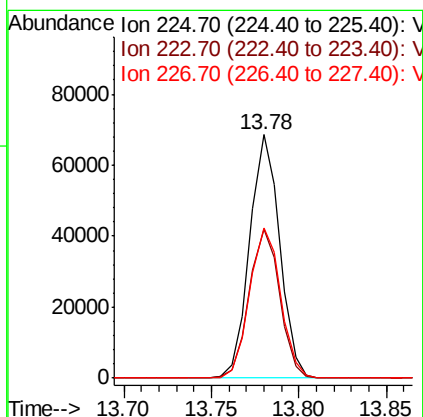
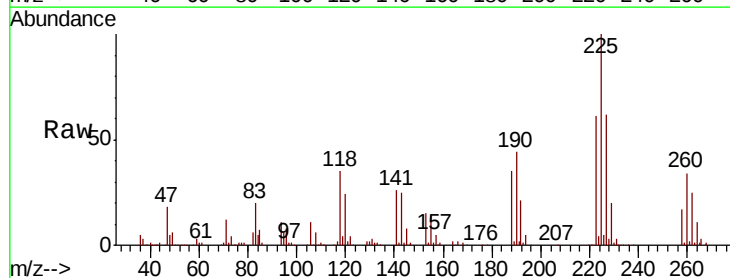
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

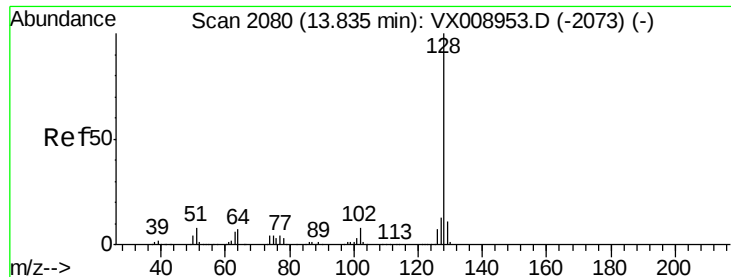
Tot Ion:180 Resp: 162393
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 29.4 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 52.136 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009106.D
 Acq: 22 Apr 2019 18:42

Tgt Ion:225 Resp: 81901
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 63.5 32.0 96.2





#95

Naphthalene

Concen: 52.796 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

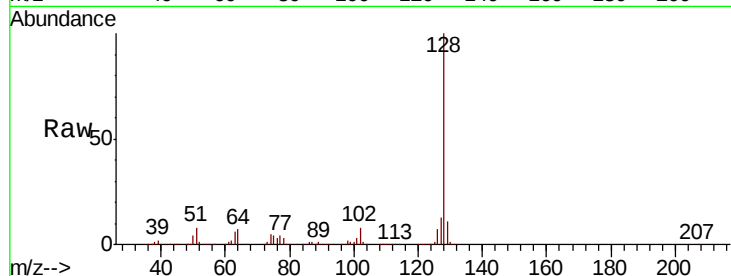
Tot Ion:128 Resp: 532771

Ion Ratio Lower Upper

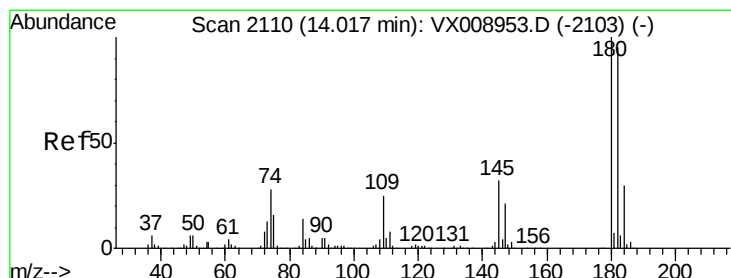
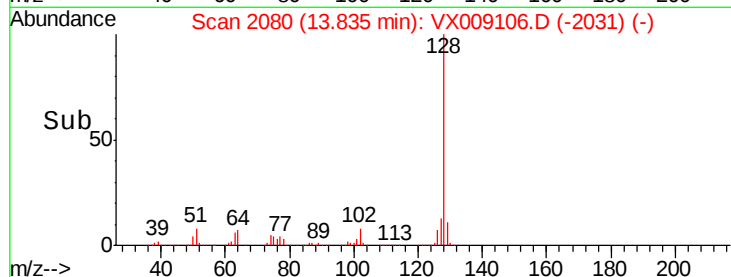
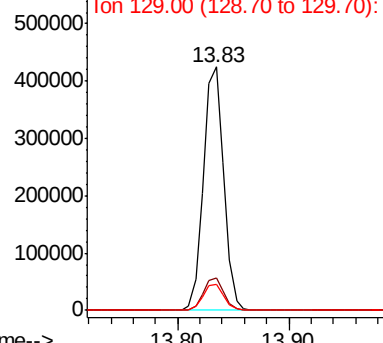
128 100

127 13.2 10.6 16.0

129 10.9 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 51.998 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009106.D

Acq: 22 Apr 2019 18:42

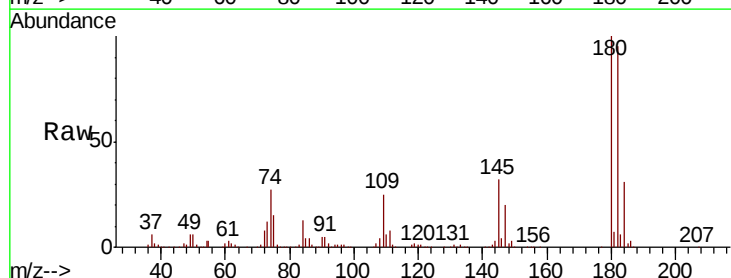
Tgt Ion:180 Resp: 161594

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

145 31.5 15.8 47.3



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

