

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008304.D
 Acq On : 21 Mar 2019 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 08:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166741	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	147237	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
35) Dibromofluoromethane	5.50	113	118245	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	8.71	98	465422	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.13	95	172941	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101372	38.354	ug/l	99
3) Chloromethane	1.32	50	92130	27.779	ug/l	93
4) Vinyl Chloride	1.41	62	103966	31.441	ug/l	99
5) Bromomethane	1.64	94	177394	62.979	ug/l	100
6) Chloroethane	1.71	64	73111	35.263	ug/l	98
7) Trichlorofluoromethane	1.93	101	168409	39.907	ug/l	98
8) Diethyl Ether	2.19	74	87605	40.349	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109958	39.245	ug/l	96
10) Methyl Iodide	2.51	142	148484	41.621	ug/l	97
11) Tert butyl alcohol	3.06	59	131585	187.210	ug/l	97
12) 1,1-Dichloroethene	2.37	96	103714	39.209	ug/l	95
13) Acrolein	2.30	56	159977	326.440	ug/l	98
14) Allyl chloride	2.73	41	199786	34.696	ug/l	# 86
15) Acrylonitrile	3.14	53	373719	201.020	ug/l	98
16) Acetone	2.45	43	303811	163.148	ug/l	95
17) Carbon Disulfide	2.57	76	283420	33.057	ug/l	99
18) Methyl Acetate	2.77	43	173404	40.223	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	441675	46.181	ug/l	98
20) Methylene Chloride	2.85	84	118377	38.122	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	130756	45.758	ug/l	91
22) Diisopropyl ether	3.85	45	588426	52.177	ug/l	# 78
23) Vinyl Acetate	3.82	43	2418773	250.167	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241665	41.665	ug/l	98
25) 2-Butanone	4.68	43	621118	225.957	ug/l	100
26) 2,2-Dichloropropane	4.59	77	180653	41.345	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	157084	48.221	ug/l	96
28) Bromochloromethane	5.02	49	110604	42.467	ug/l	88
29) Tetrahydrofuran	5.13	42	429376	249.872	ug/l	99
30) Chloroform	5.21	83	284791	52.490	ug/l	99
31) Cyclohexane	5.58	56	256456	47.086	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	233591	51.756	ug/l	96
36) 1,1-Dichloropropene	5.81	75	205847	49.929	ug/l	99
37) Ethyl Acetate	4.84	43	250100	51.318	ug/l	100
38) Carbon Tetrachloride	5.79	117	204229	55.597	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247177	49.821	ug/l	97
40) Benzene	6.15	78	606778	49.726	ug/l	98
41) Methacrylonitrile	5.05	41	137039	50.129	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228568	51.132	ug/l	96
43) Isopropyl Acetate	6.45	43	401617	51.412	ug/l	97
44) Trichloroethene	7.21	130	167444	56.121	ug/l	93
45) 1,2-Dichloropropane	7.51	63	167945	49.165	ug/l	99
46) Dibromomethane	7.66	93	106583	51.533	ug/l	91
47) Bromodichloromethane	7.90	83	232823	59.068	ug/l	98
48) Methyl methacrylate	7.77	41	218787	52.674	ug/l	92
49) 1,4-Dioxane	7.74	88	77403	1056.015	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1433394	283.828	ug/l	98
52) Toluene	8.79	92	410765	56.741	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	252498	51.119	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	271454	55.492	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	174547	59.676	ug/l	98
56) Ethyl methacrylate	9.18	69	278202	54.181	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	295075	57.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	626945	261.612	ug/l	96
59) 2-Hexanone	9.49	43	1106439	284.574	ug/l	97
60) Dibromochloromethane	9.58	129	182300	64.853	ug/l	98
61) 1,2-Dibromoethane	9.67	107	183759	60.168	ug/l	99
64) Tetrachloroethene	9.34	164	159149	52.734	ug/l	96
65) Chlorobenzene	10.13	112	439215	53.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	164662	57.377	ug/l	99
67) Ethyl Benzene	10.25	91	797048	54.950	ug/l	98
68) m/p-Xylenes	10.36	106	595433	111.751	ug/l	94
69) o-Xylene	10.70	106	290384	56.086	ug/l	95
70) Styrene	10.71	104	474652	56.411	ug/l	96
71) Bromoform	10.85	173	137288	55.278	ug/l #	99
73) Isopropylbenzene	11.02	105	782528	52.651	ug/l	99
74) N-amyl acetate	10.90	43	400653	51.452	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	277797	52.126	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	326939	69.713	ug/l	90
77) Bromobenzene	11.26	156	191788	53.371	ug/l	89
78) n-propylbenzene	11.36	91	919803	53.284	ug/l	97
79) 2-Chlorotoluene	11.42	91	534505	51.589	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	659796	53.734	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	82893	45.201	ug/l	93
82) 4-Chlorotoluene	11.51	91	626617	51.973	ug/l	96
83) tert-Butylbenzene	11.77	119	638164	54.437	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	670691	53.879	ug/l	98
85) sec-Butylbenzene	11.94	105	784658	54.049	ug/l	98
86) p-Isopropyltoluene	12.06	119	681844	54.259	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	339047	52.794	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	339233	51.068	ug/l	98
89) n-Butylbenzene	12.39	91	632183	53.600	ug/l	97
90) Hexachloroethane	12.60	117	120652	56.375	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	344284	53.169	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64467	54.462	ug/l	81

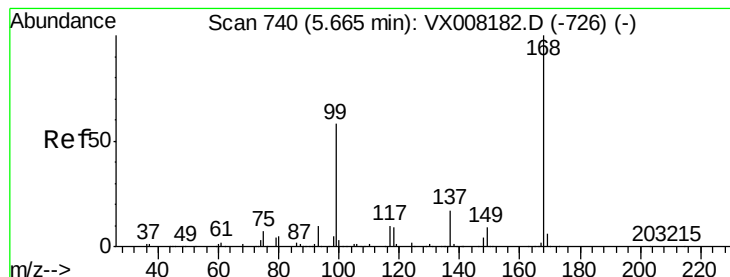
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232076	54.411	ug/l	99
94) Hexachlorobutadiene	13.78	225	115394	55.473	ug/l	99
95) Naphthalene	13.83	128	767748	57.031	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	234176	55.798	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

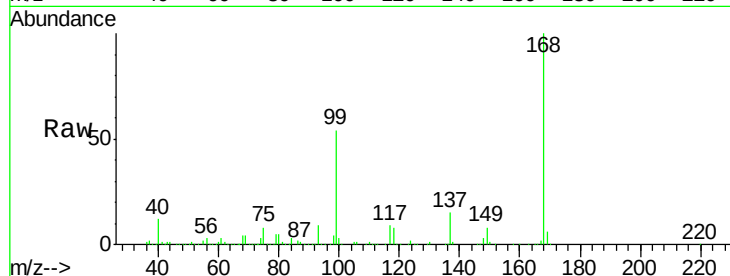
VSTDCCC050EC

Tot Ion:168 Resp: 218003

Ion Ratio Lower Upper

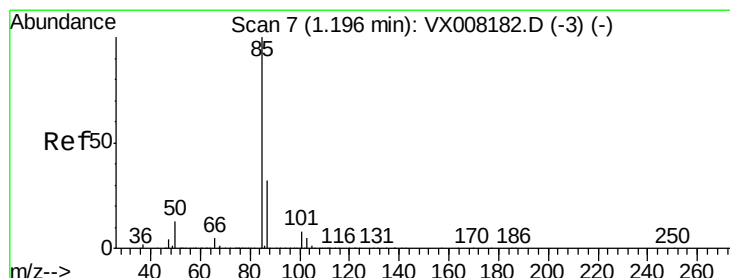
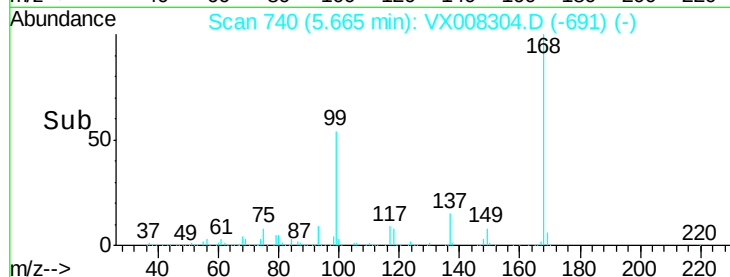
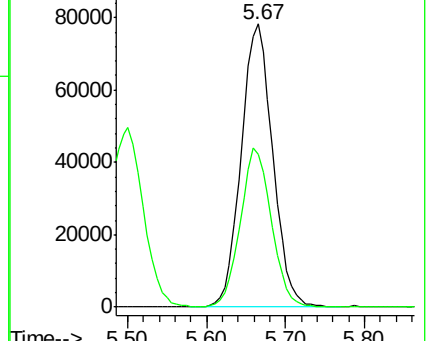
168 100

99 53.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.354 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008304.D

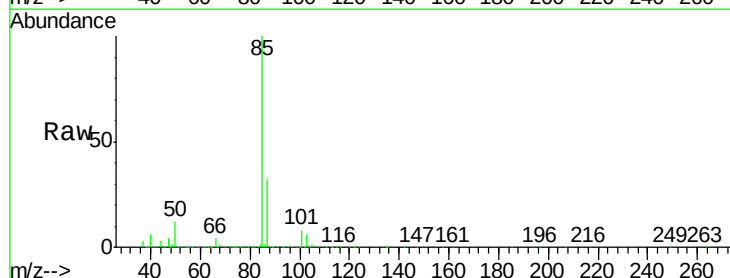
Acq: 21 Mar 2019 20:47

Tgt Ion: 85 Resp: 101372

Ion Ratio Lower Upper

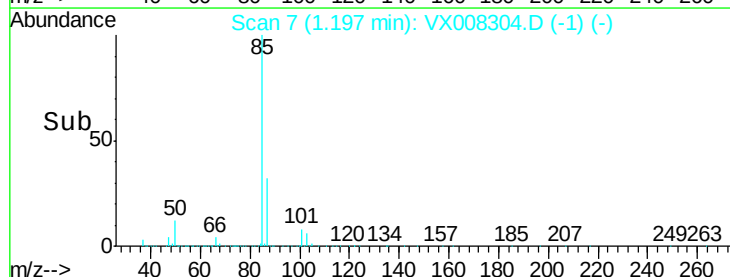
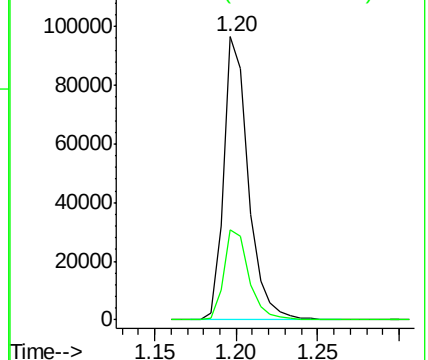
85 100

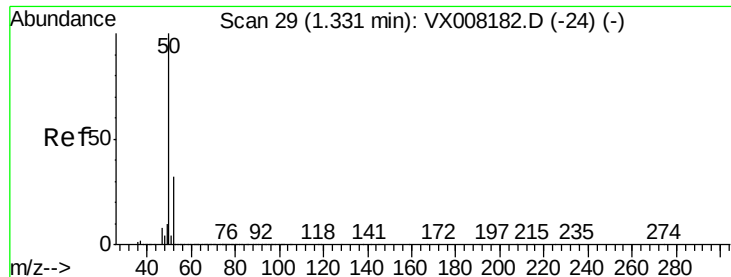
87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 27.779 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

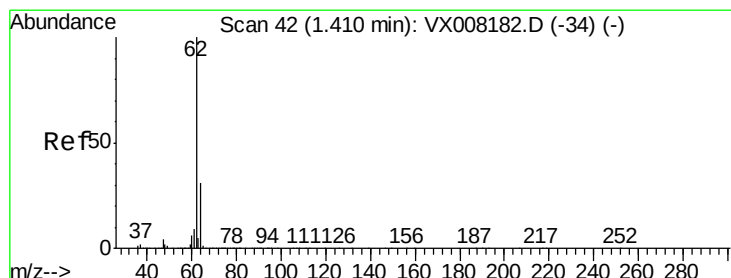
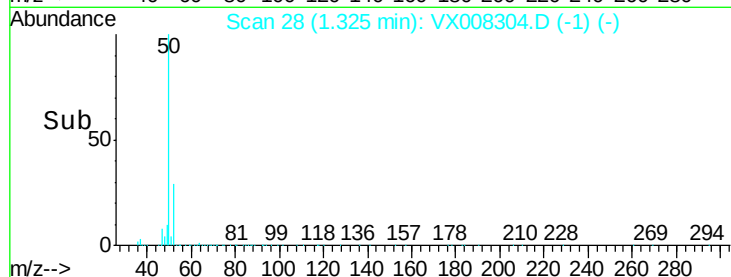
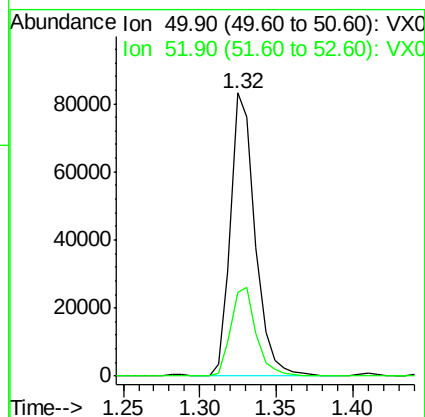
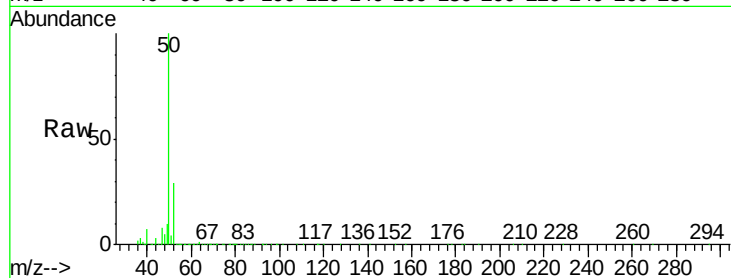
VSTDCCC050EC

Tot Ion: 50 Resp: 92130

Ion Ratio Lower Upper

50 100

52 29.4 26.5 39.7



#4

Vinyl Chloride

Concen: 31.441 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008304.D

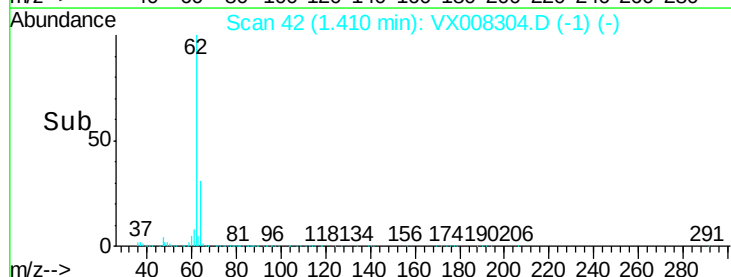
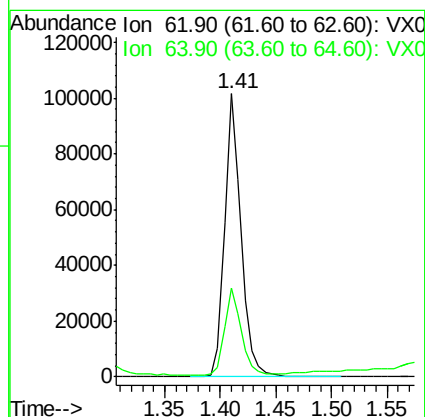
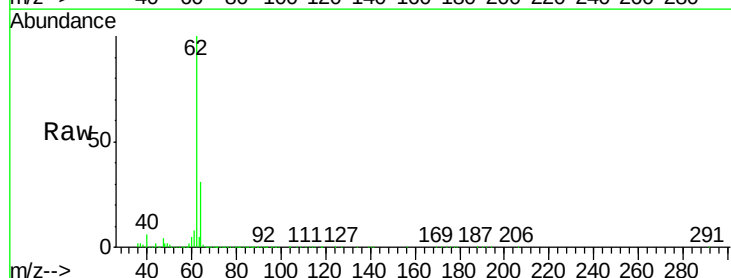
Acq: 21 Mar 2019 20:47

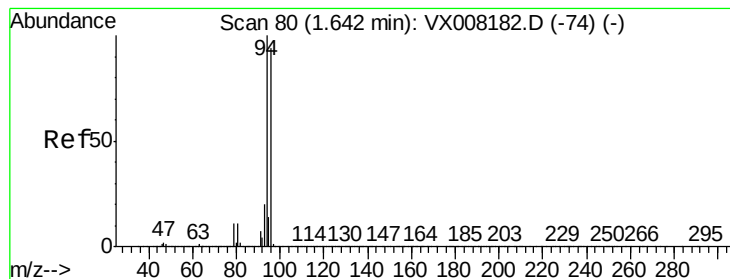
Tgt Ion: 62 Resp: 103966

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 62.979 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

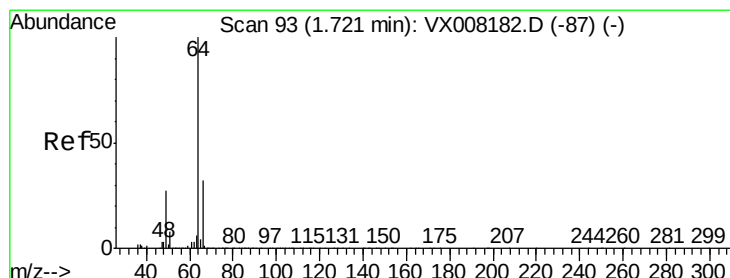
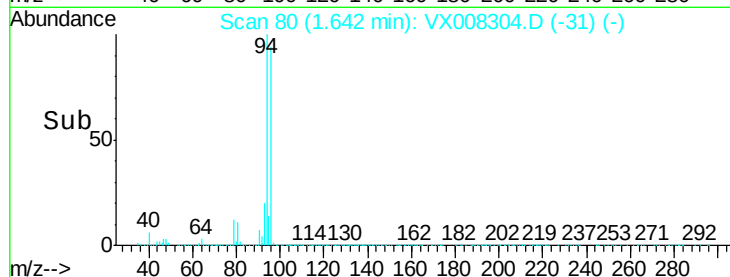
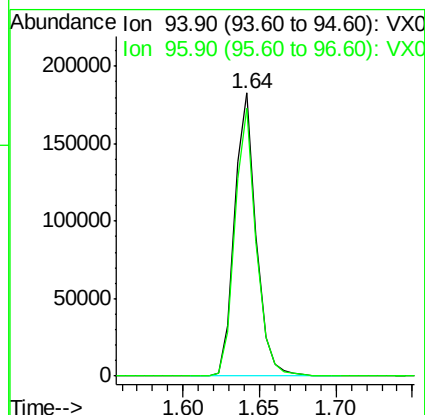
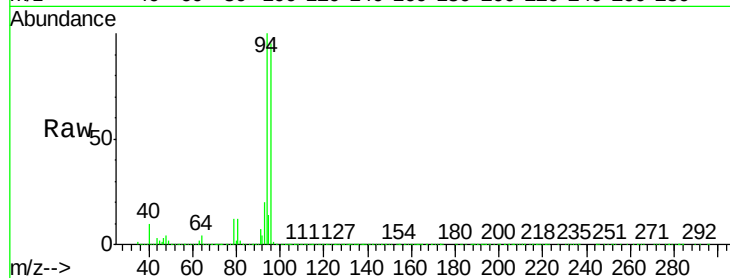
VSTDCCC050EC

Tot Ion: 94 Resp: 177394

Ion Ratio Lower Upper

94 100

96 94.5 75.5 113.3



#6

Chloroethane

Concen: 35.263 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008304.D

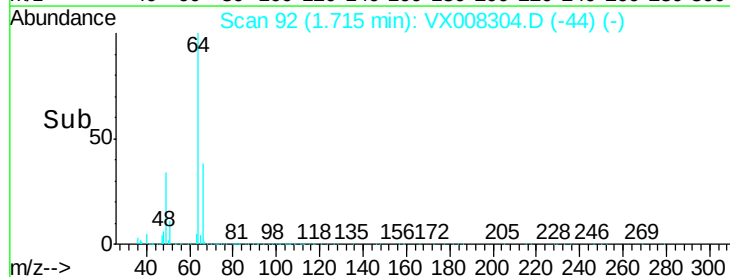
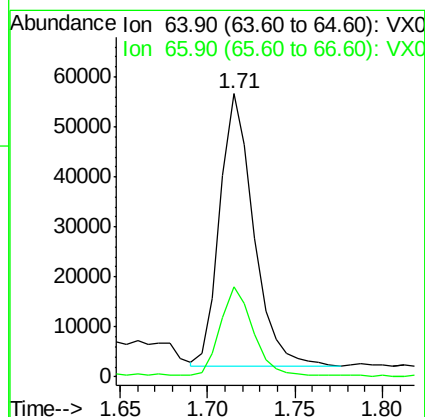
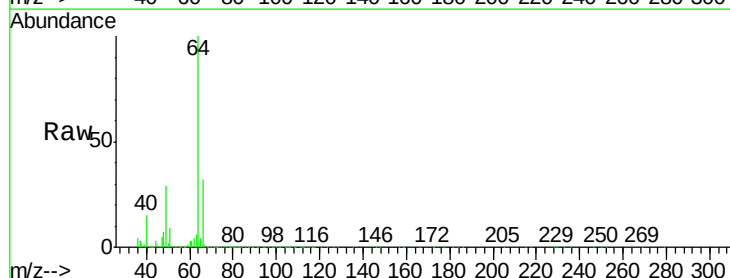
Acq: 21 Mar 2019 20:47

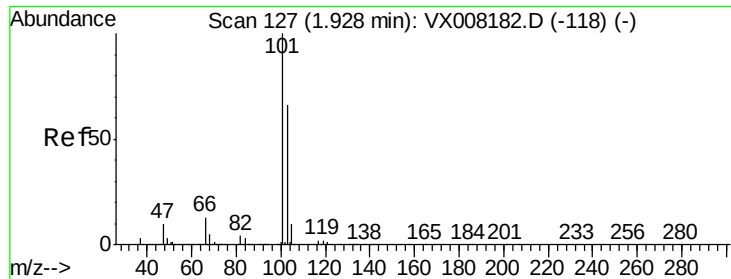
Tgt Ion: 64 Resp: 73111

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



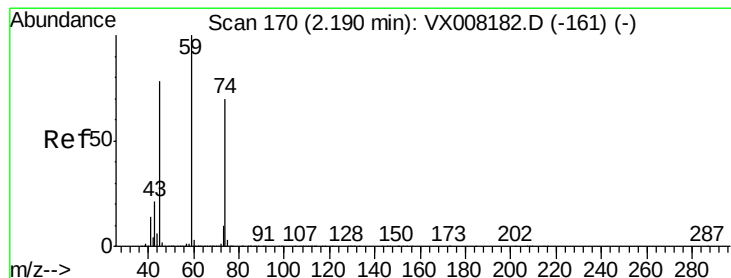
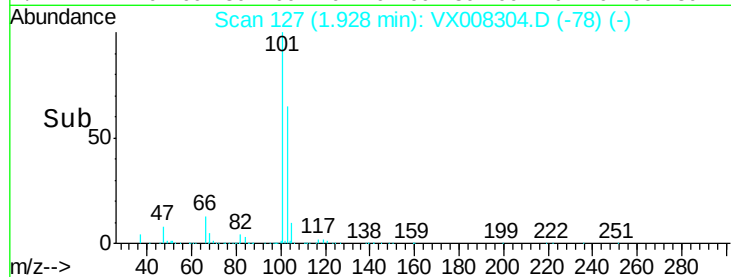
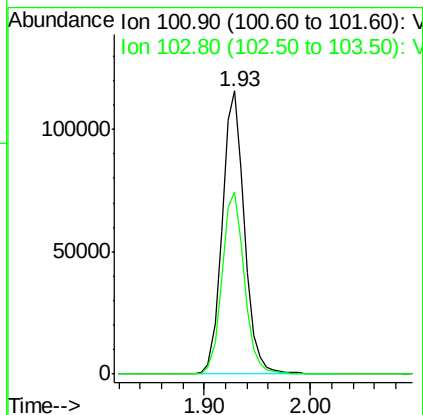
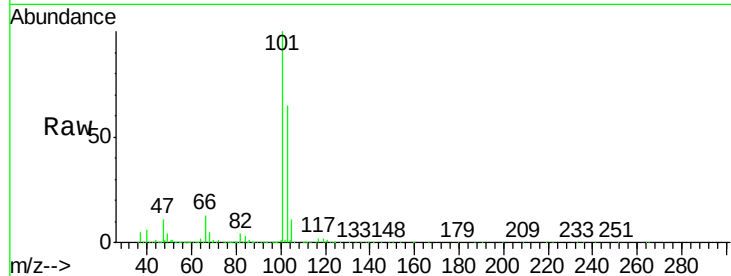


#7

Trichlorofluoromethane
Concen: 39.907 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

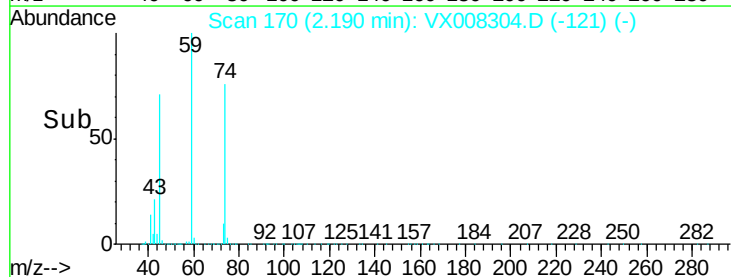
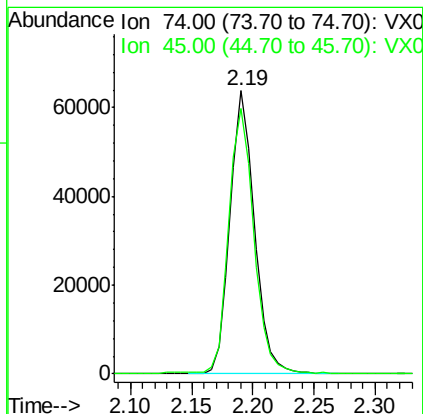
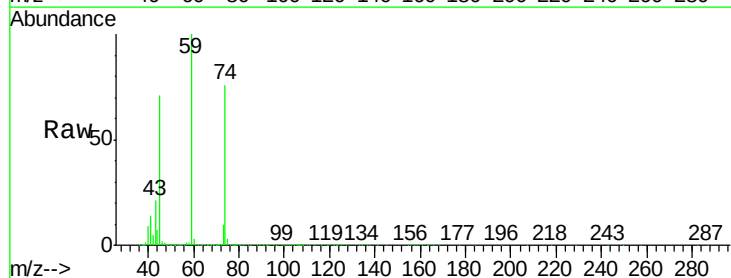
Tot Ion:101 Resp: 168409
Ion Ratio Lower Upper
101 100
103 64.5 50.4 75.6

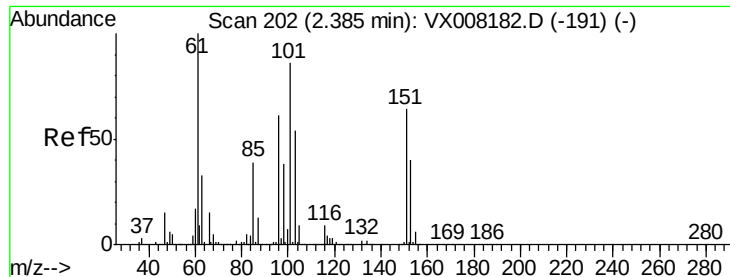


#8

Diethyl Ether
Concen: 40.349 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 74 Resp: 87605
Ion Ratio Lower Upper
74 100
45 96.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.245 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

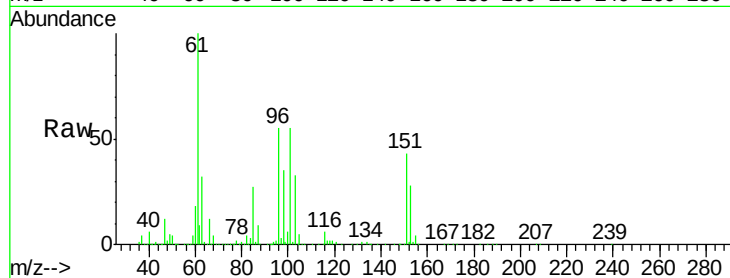
Tot Ion:101 Resp: 109958

Ion Ratio Lower Upper

101 100

85 45.3 33.8 50.6

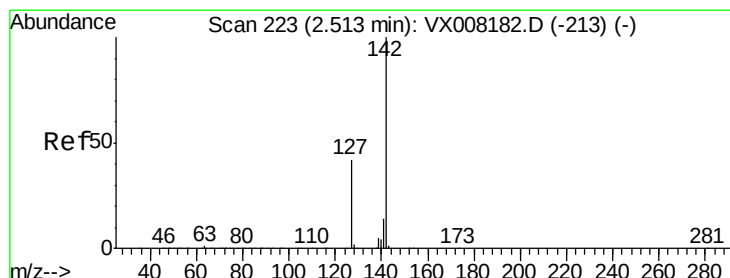
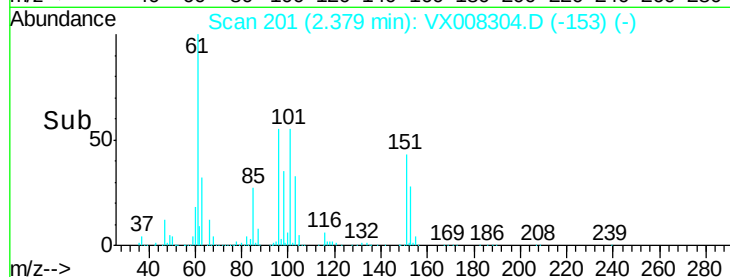
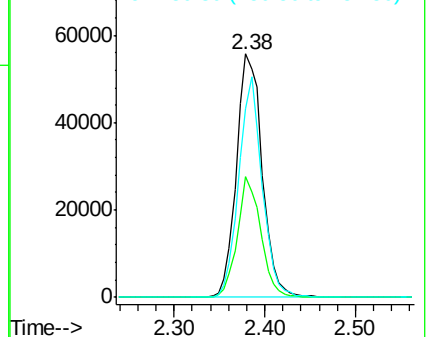
151 82.6 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.621 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

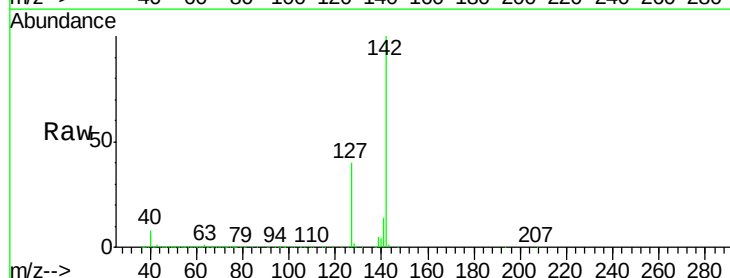
Tgt Ion:142 Resp: 148484

Ion Ratio Lower Upper

142 100

127 42.3 32.1 48.1

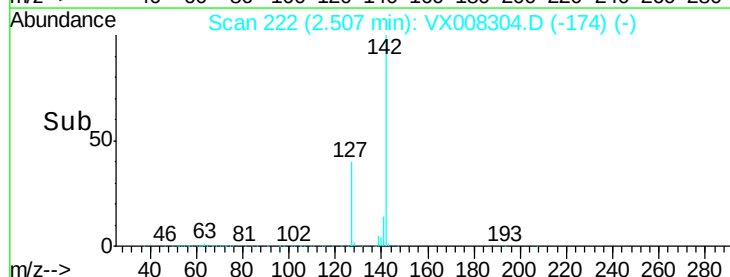
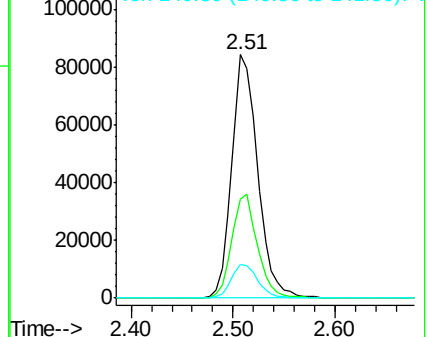
141 14.4 11.4 17.2

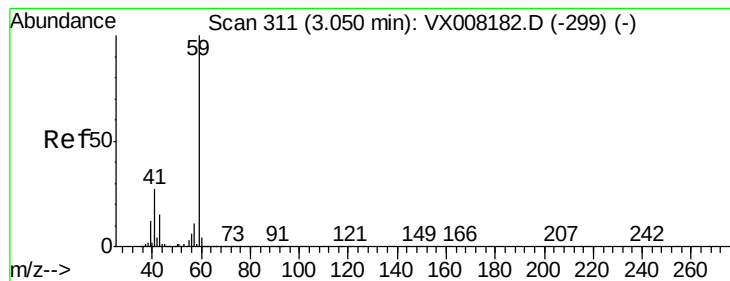


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



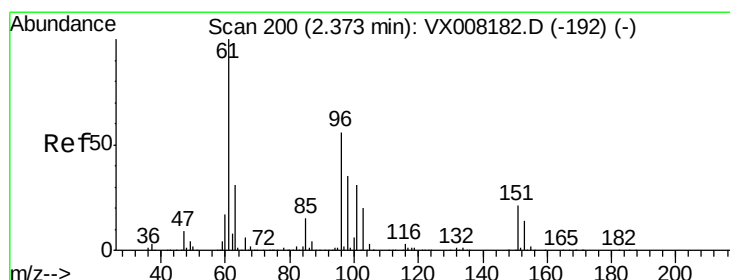
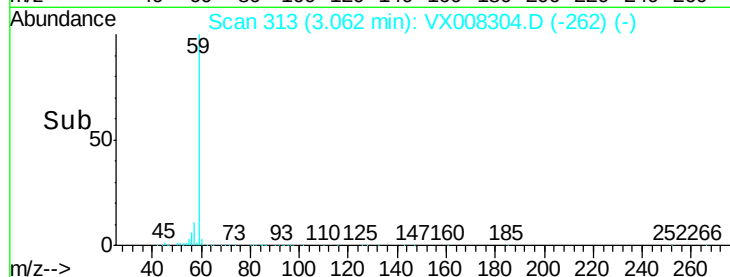
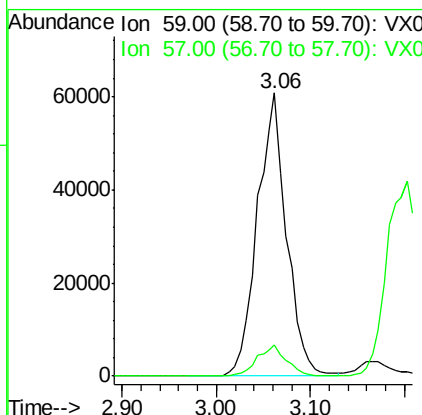
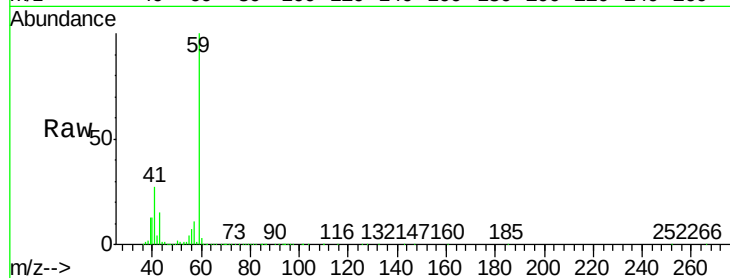


#11

Tert butyl alcohol
Concen: 187.210 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

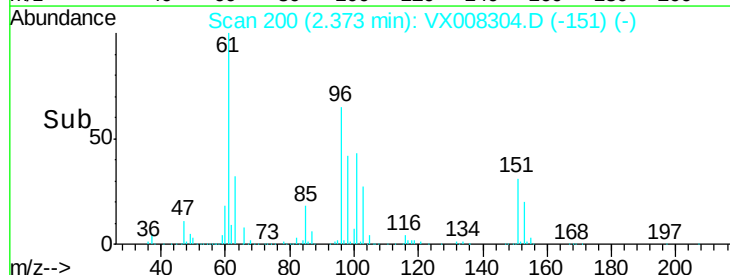
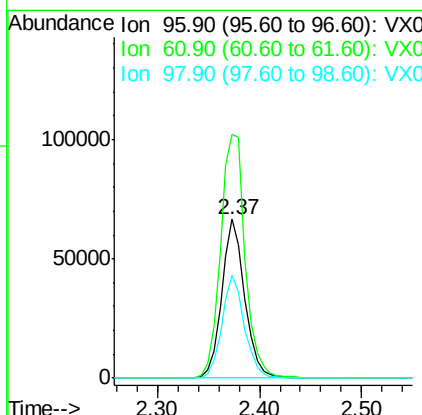
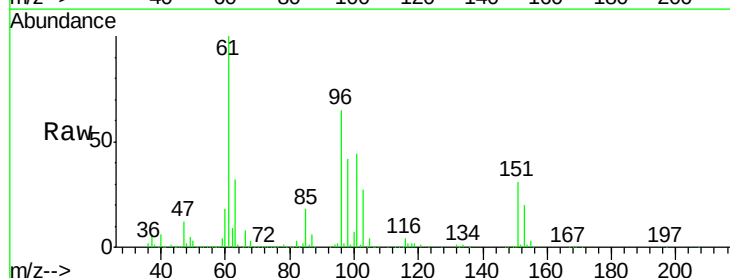
Tot Ion: 59 Resp: 131585
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2

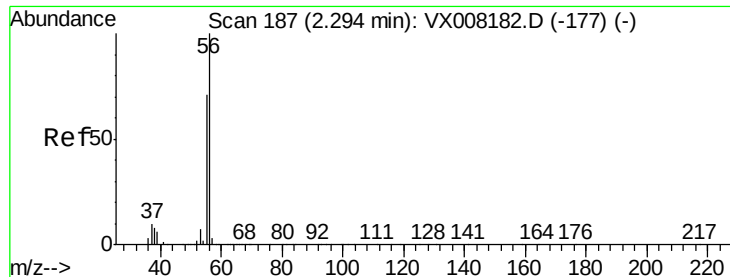


#12

1,1-Dichloroethene
Concen: 39.209 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 96 Resp: 103714
Ion Ratio Lower Upper
96 100
61 152.8 129.8 194.6
98 64.4 51.0 76.6





#13

Acrolein

Concen: 326.440 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

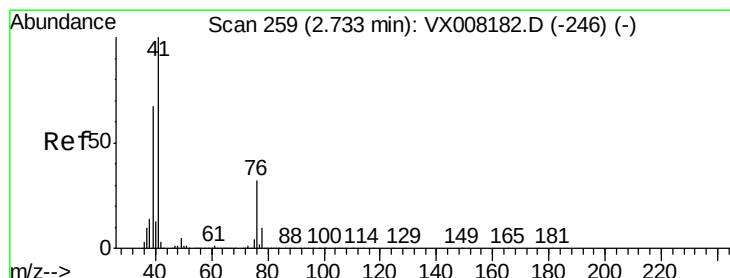
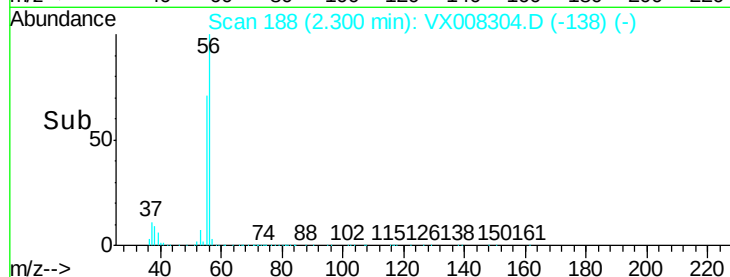
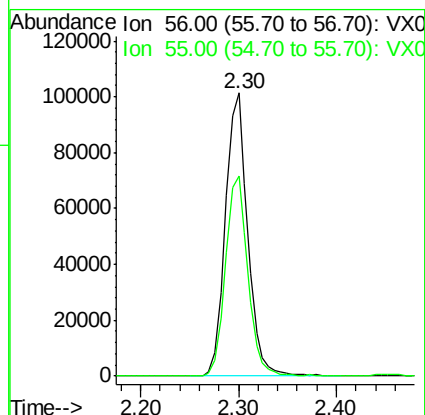
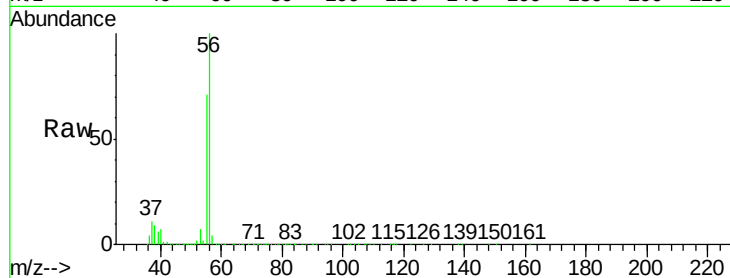
VSTDCCC050EC

Tot Ion: 56 Resp: 159977

Ion Ratio Lower Upper

56 100

55 70.7 57.8 86.6



#14

Allyl chloride

Concen: 34.696 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

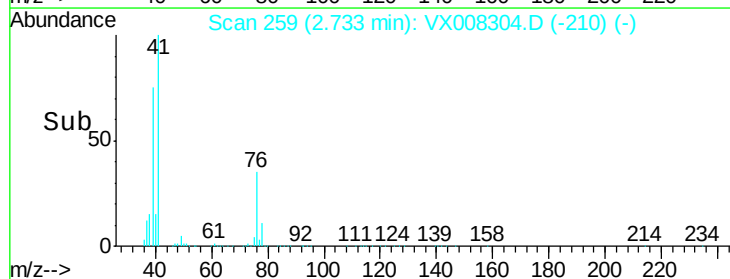
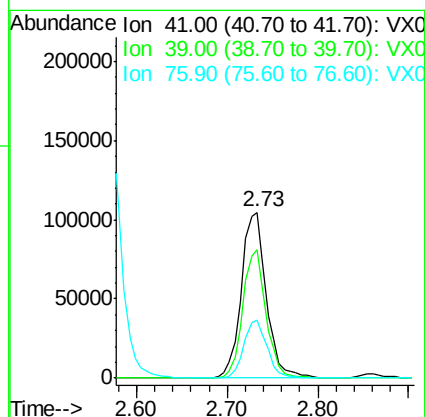
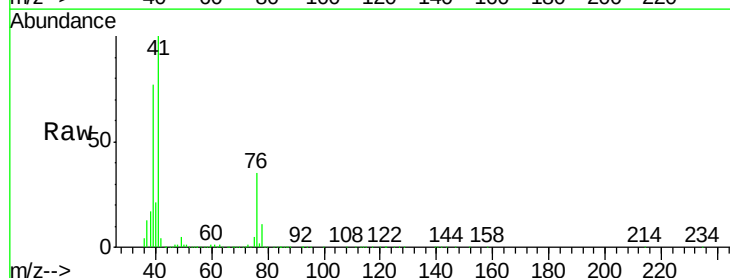
Tgt Ion: 41 Resp: 199786

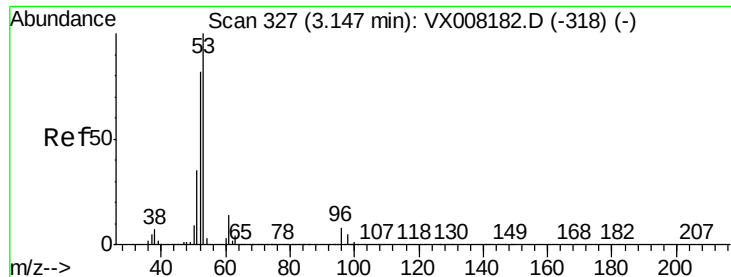
Ion Ratio Lower Upper

41 100

39 71.9 46.1 69.1#

76 32.4 24.0 36.0





#15

Acrylonitrile

Concen: 201.020 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

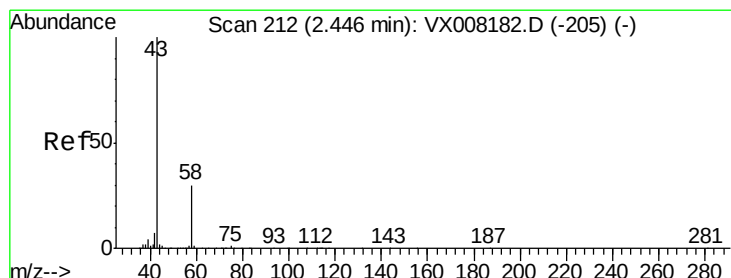
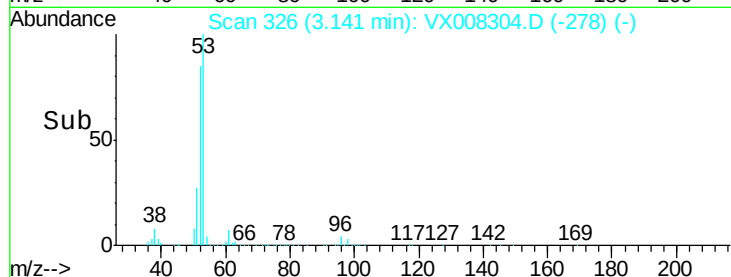
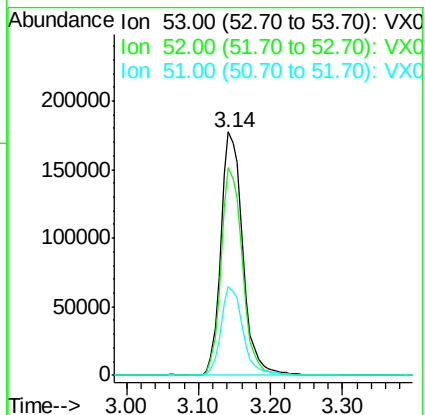
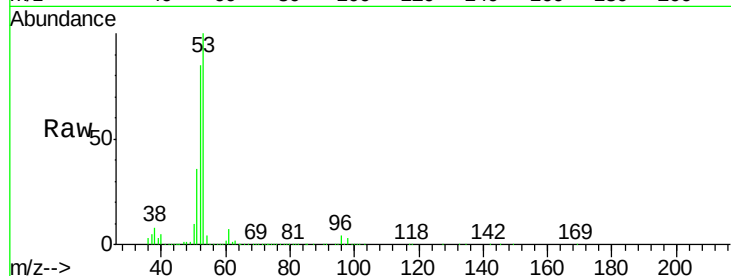
Tot Ion: 53 Resp: 373719

Ion Ratio Lower Upper

53 100

52 83.5 66.0 99.0

51 36.6 28.0 42.0



#16

Acetone

Concen: 163.148 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008304.D

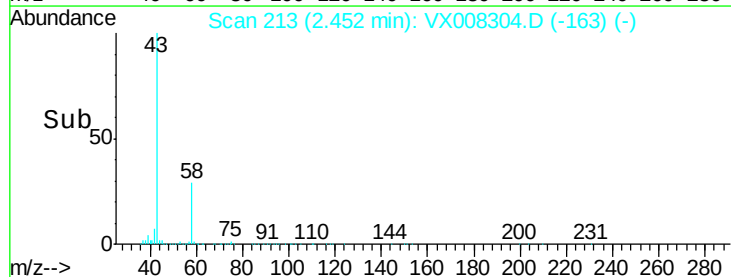
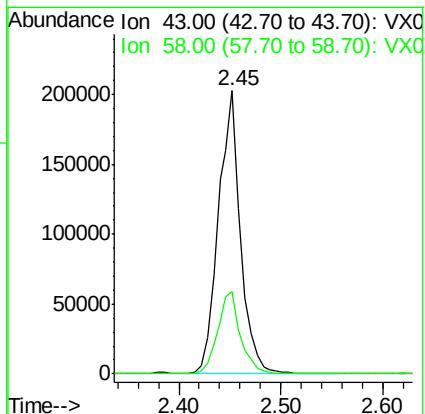
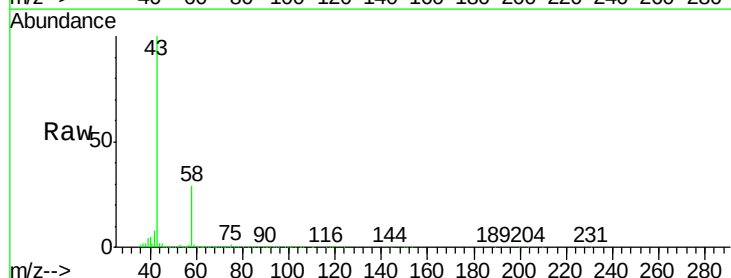
Acq: 21 Mar 2019 20:47

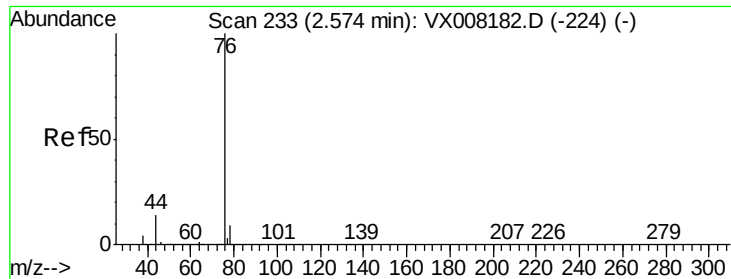
Tgt Ion: 43 Resp: 303811

Ion Ratio Lower Upper

43 100

58 29.0 25.5 38.3





#17

Carbon Disulfide

Concen: 33.057 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

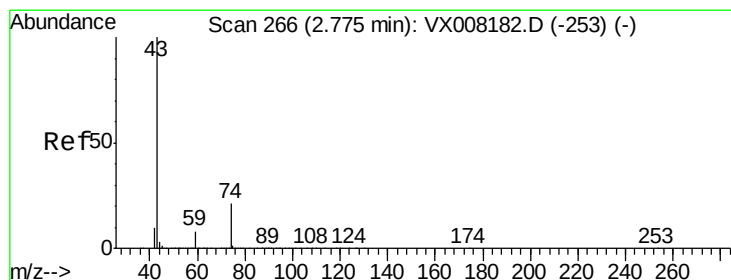
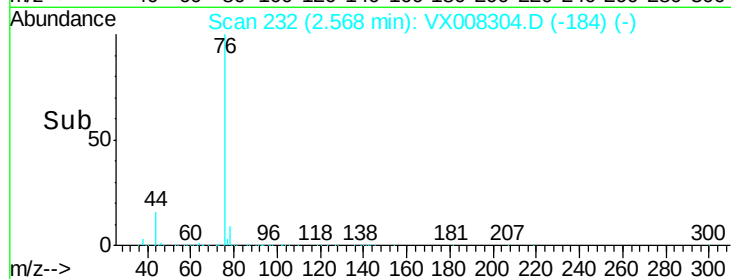
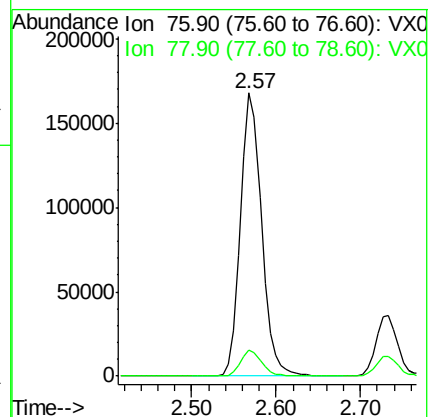
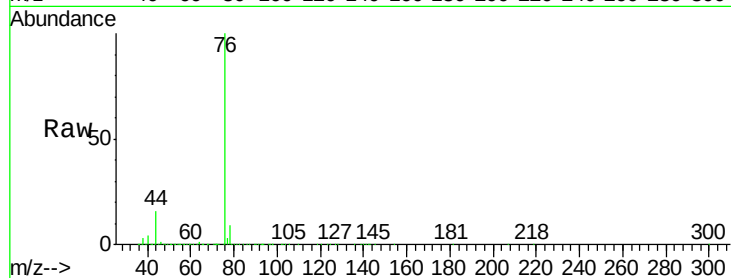
VSTDCCC050EC

Tot Ion: 76 Resp: 283420

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 40.223 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008304.D

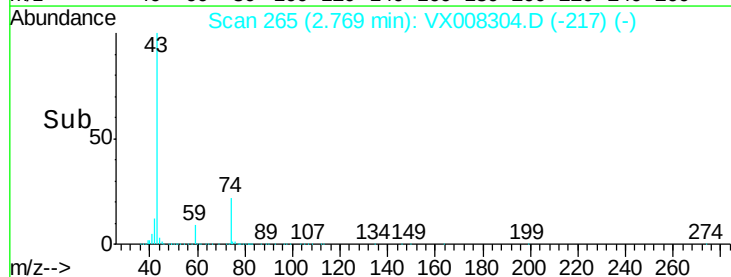
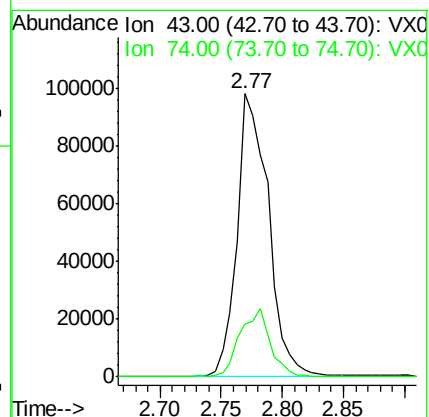
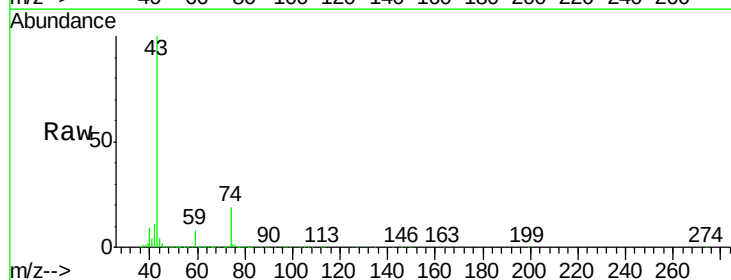
Acq: 21 Mar 2019 20:47

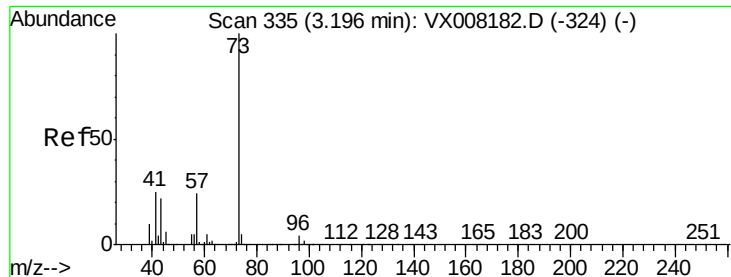
Tgt Ion: 43 Resp: 173404

Ion Ratio Lower Upper

43 100

74 23.8 17.8 26.6



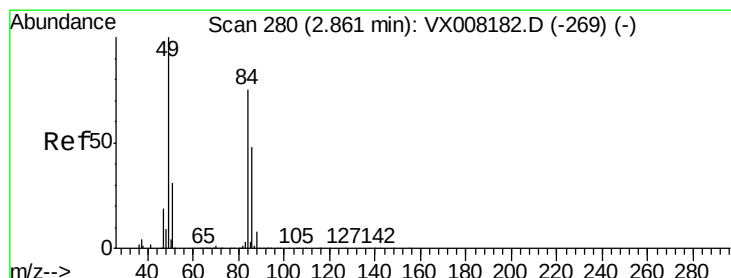
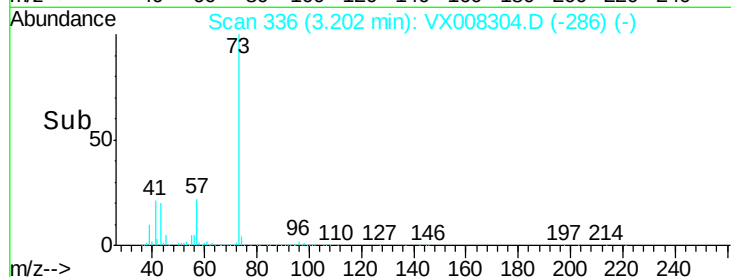
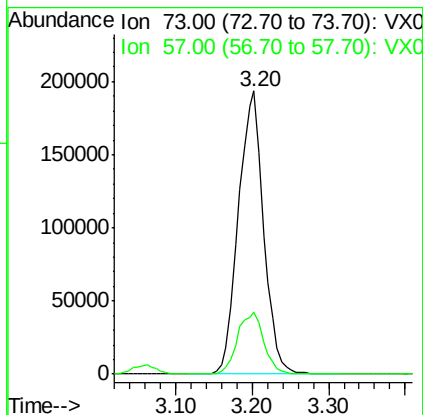
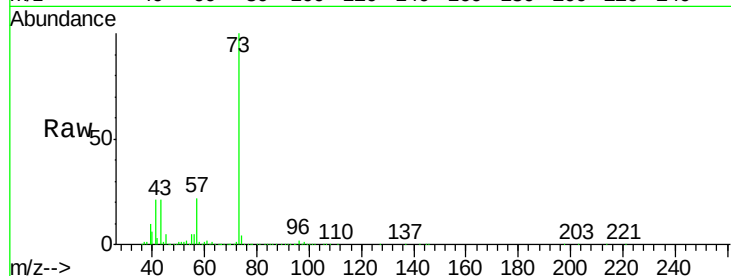


#19

Methyl tert-butyl Ether
 Concen: 46.181 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.01 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

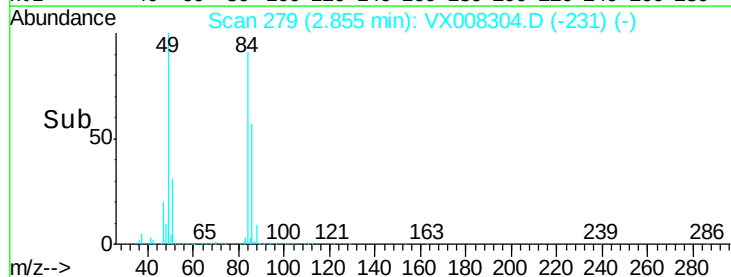
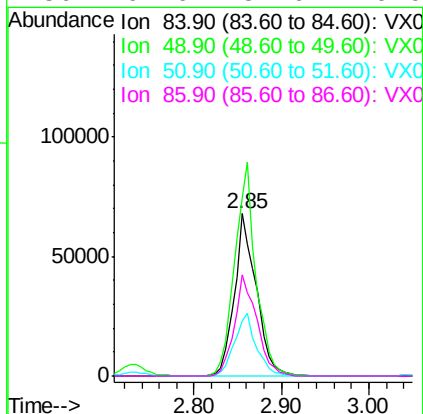
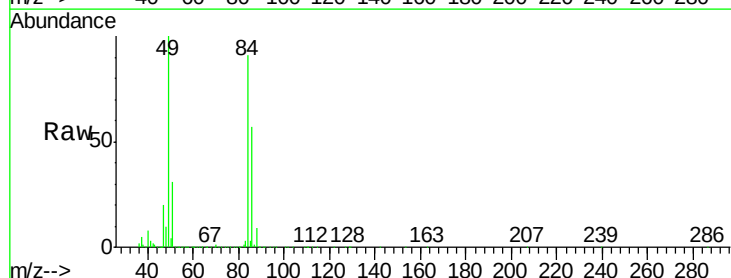
Tot Ion: 73 Resp: 441675
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.2 27.4

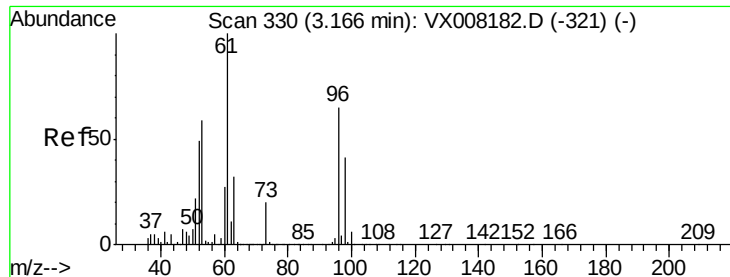


#20

Methylene Chloride
 Concen: 38.122 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion: 84 Resp: 118377
 Ion Ratio Lower Upper
 84 100
 49 109.8 99.3 148.9
 51 34.1 31.3 46.9
 86 62.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.758 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

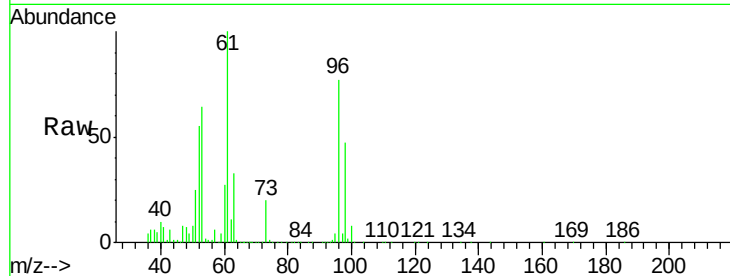
Tot Ion: 96 Resp: 130756

Ion Ratio Lower Upper

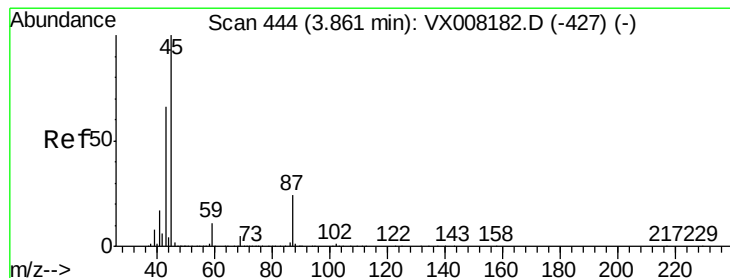
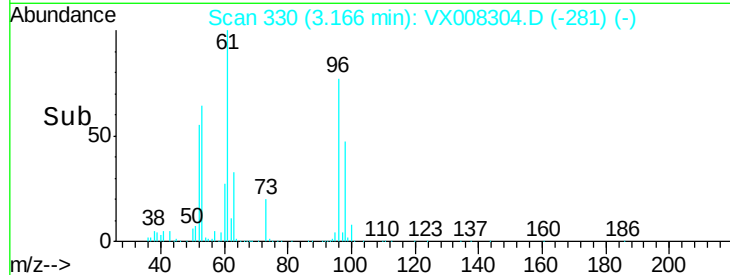
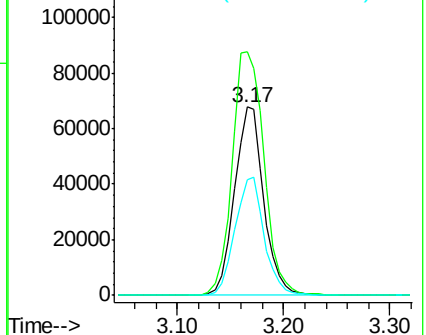
96 100

61 129.2 114.4 171.6

98 61.2 51.1 76.7



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



#22

Diisopropyl ether

Concen: 52.177 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Tgt Ion: 45 Resp: 588426

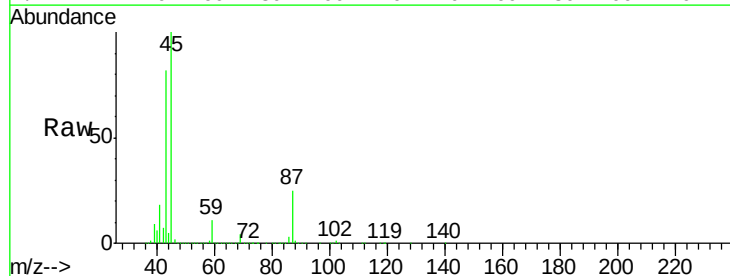
Ion Ratio Lower Upper

45 100

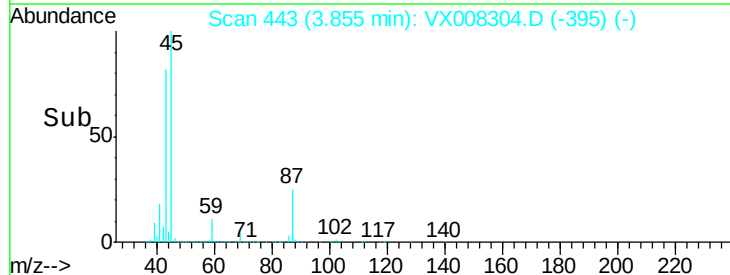
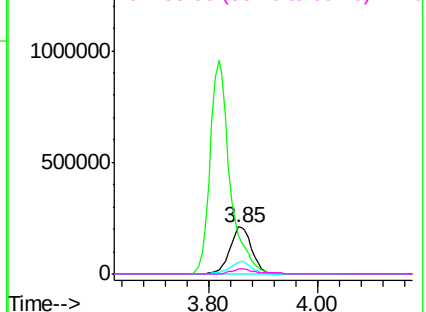
43 81.7 45.3 67.9#

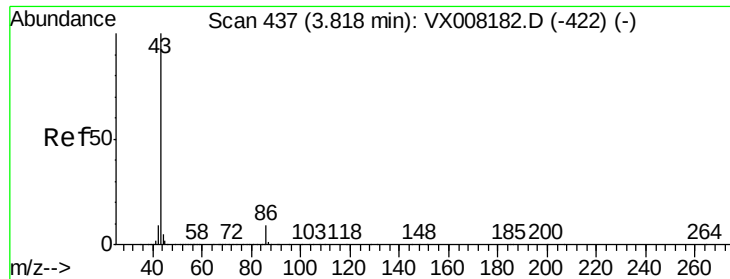
87 24.9 21.4 32.0

59 10.5 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

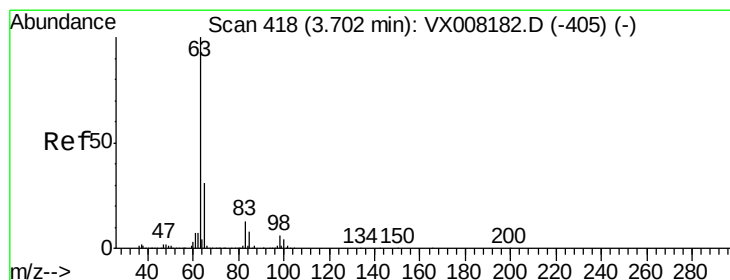
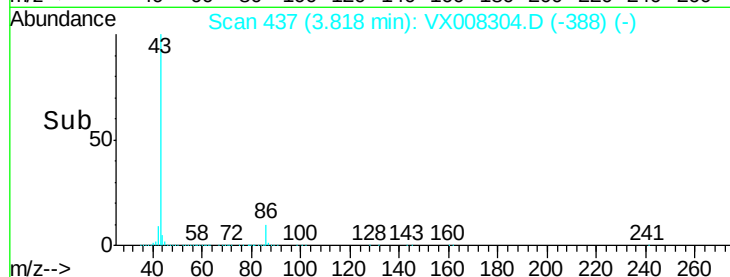
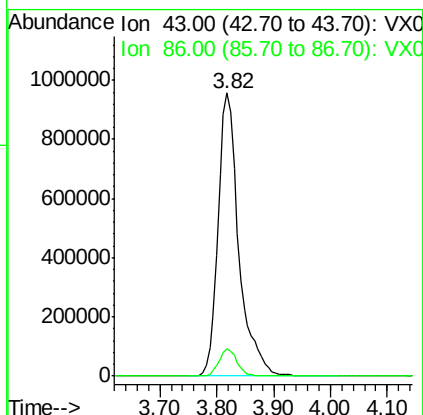
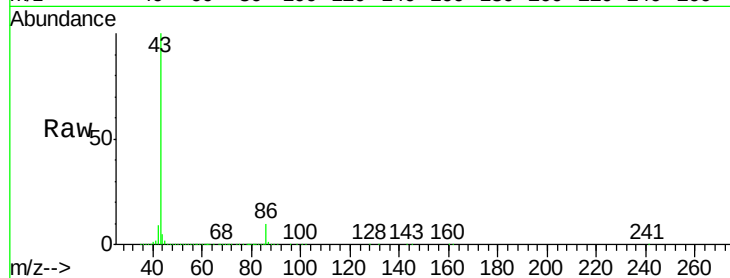




#23
 Vinyl Acetate
 Concen: 250.167 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

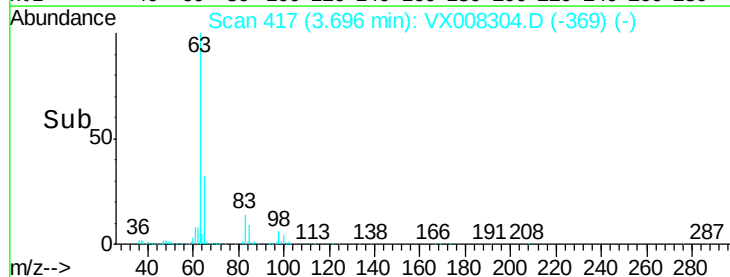
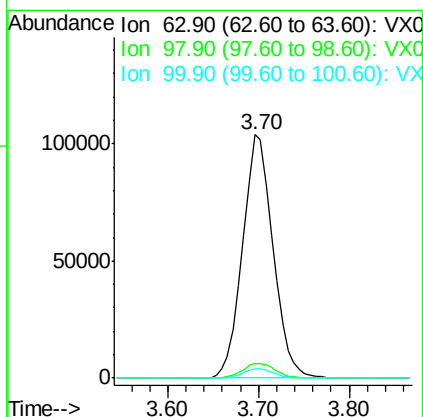
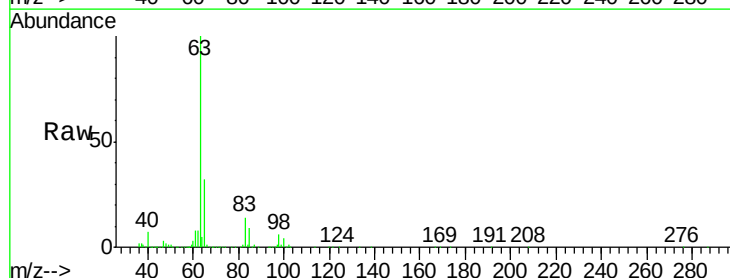
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

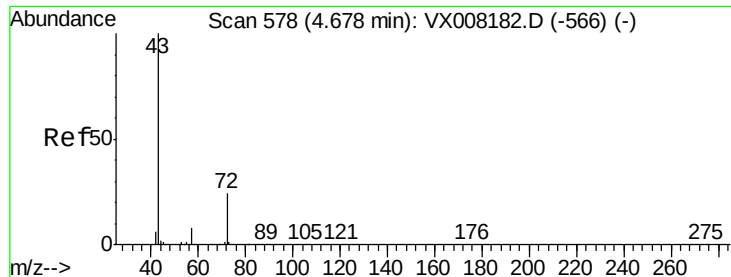
Tot Ion: 43 Resp: 2418773
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 41.665 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion: 63 Resp: 241665
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 225.957 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

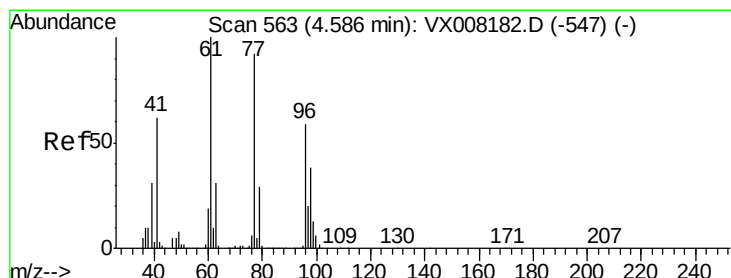
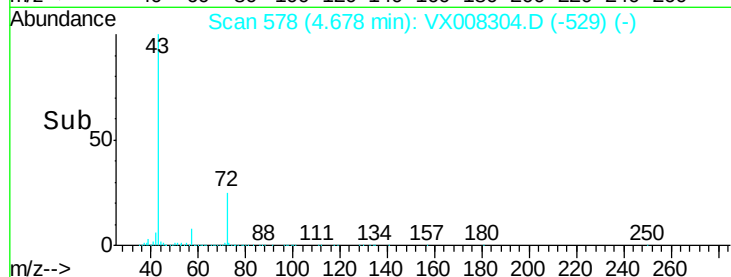
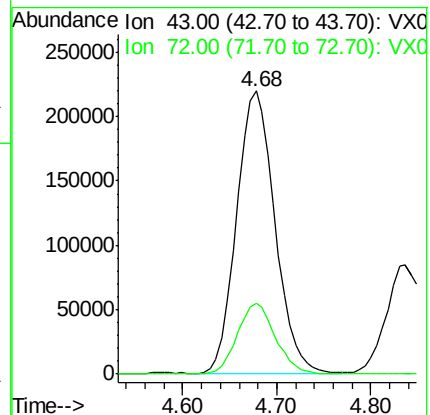
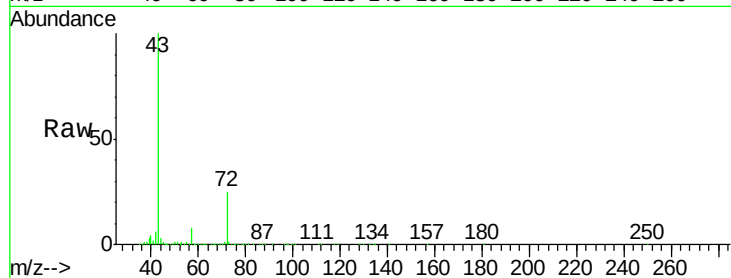
VSTDCCC050EC

Tot Ion: 43 Resp: 621118

Ion Ratio Lower Upper

43 100

72 24.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 41.345 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008304.D

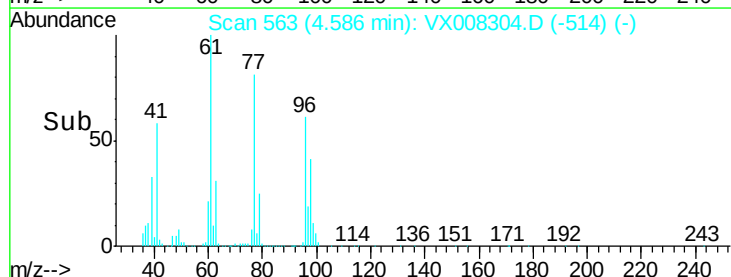
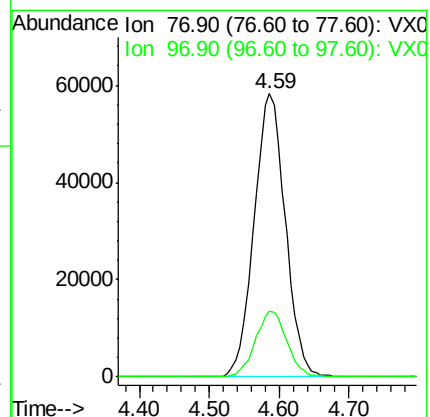
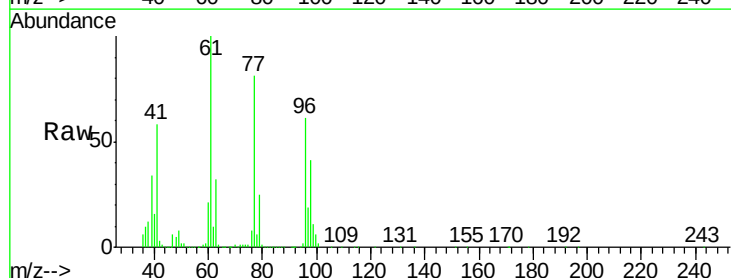
Acq: 21 Mar 2019 20:47

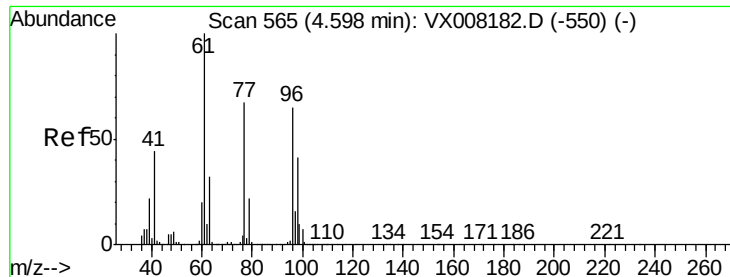
Tgt Ion: 77 Resp: 180653

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6



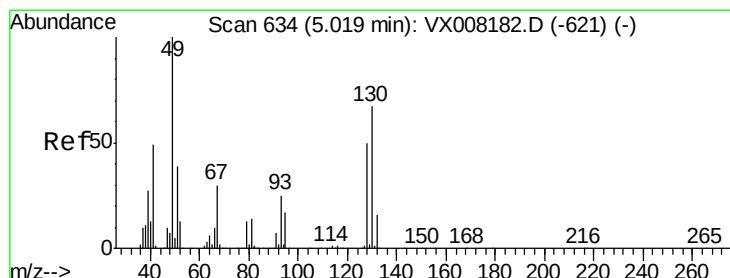
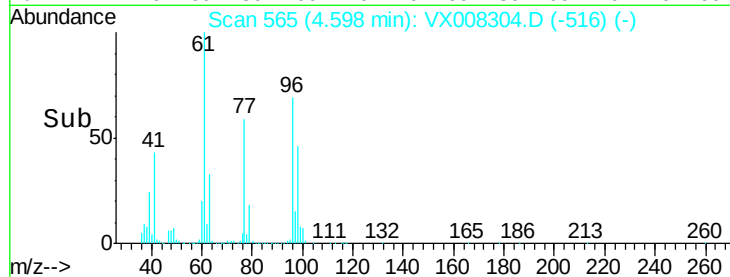
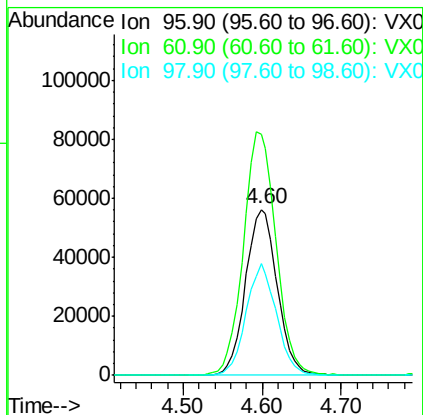
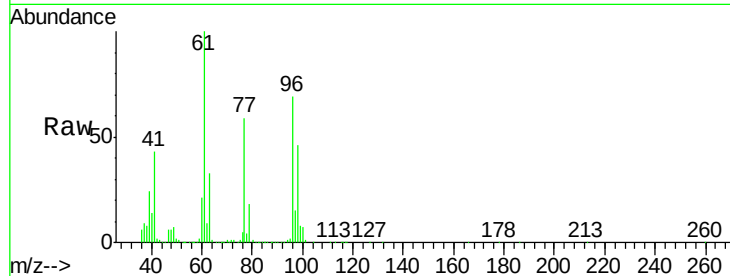


#27

cis-1,2-Dichloroethene
 Concen: 48.221 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

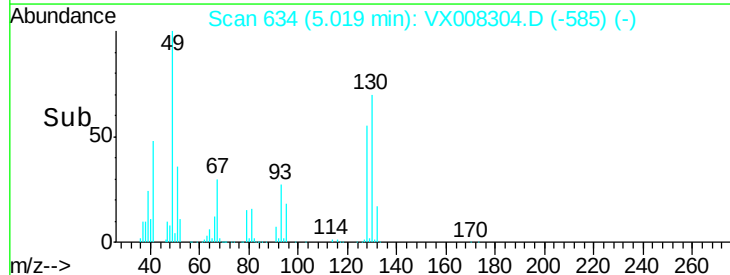
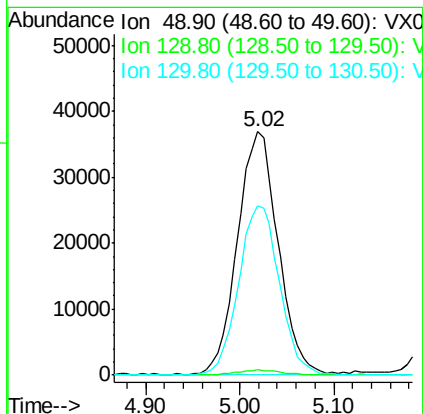
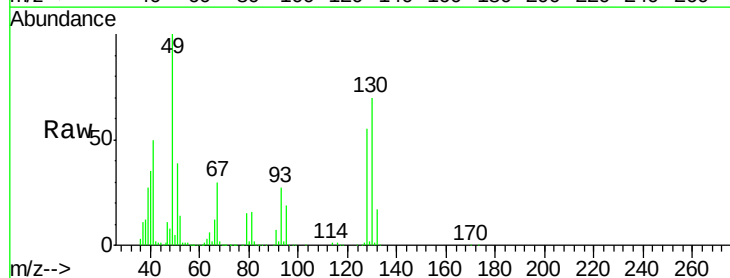
Tot Ion	96	Resp	157084
Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	288.0
98	64.6	0.0	129.0

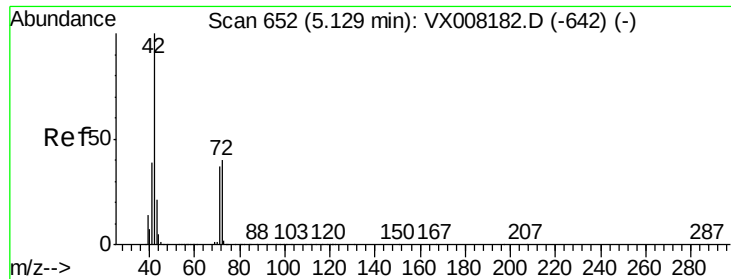


#28

Bromochloromethane
 Concen: 42.467 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion	49	Resp	110604
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	70.6	65.0	97.4

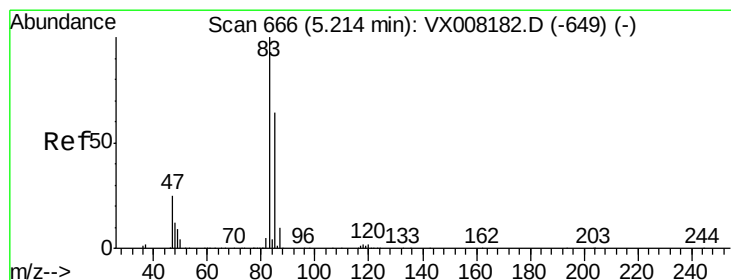
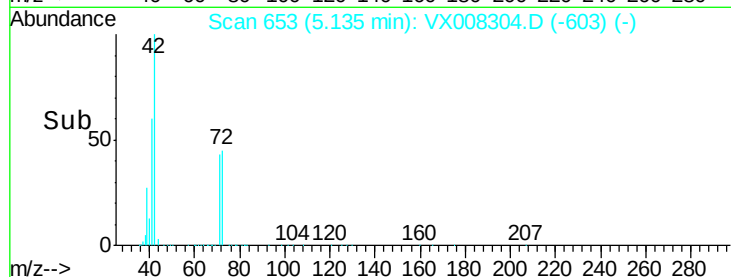
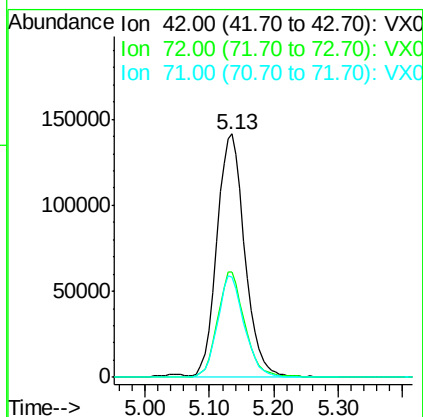
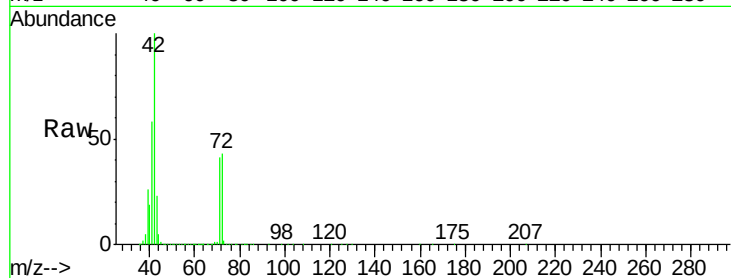




#29
Tetrahydrofuran
Concen: 249.872 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

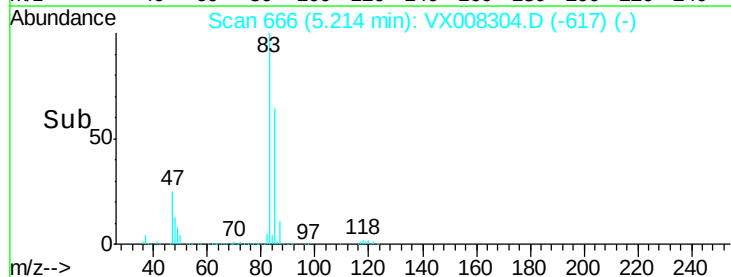
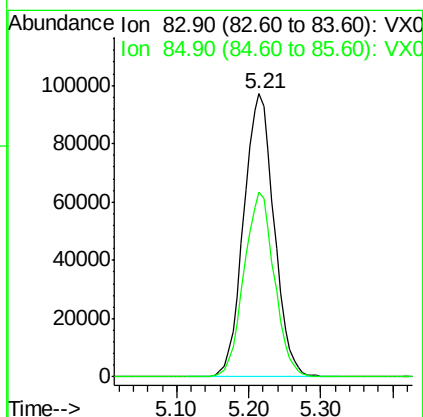
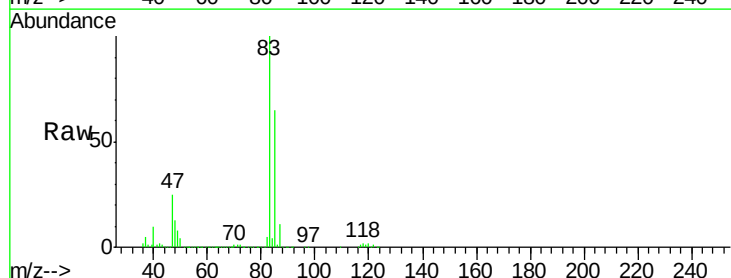
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

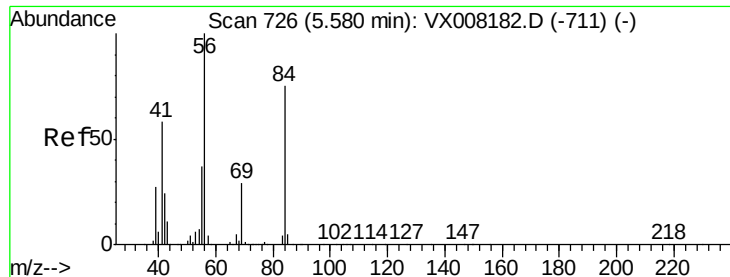
Tot Ion: 42 Resp: 429376
Ion Ratio Lower Upper
42 100
72 42.5 33.8 50.6
71 39.9 31.5 47.3



#30
Chloroform
Concen: 52.490 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 83 Resp: 284791
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.6

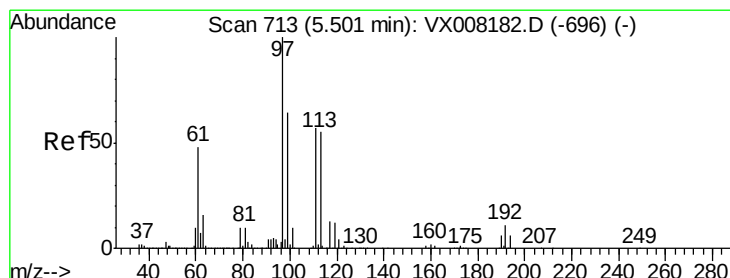
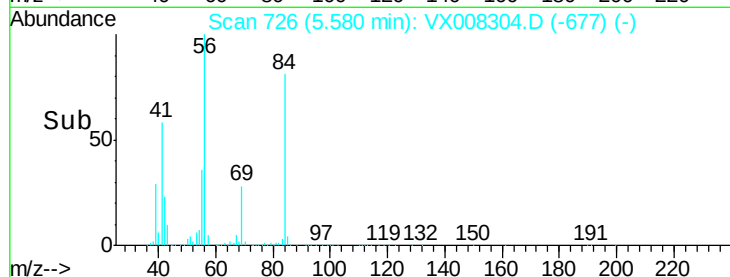
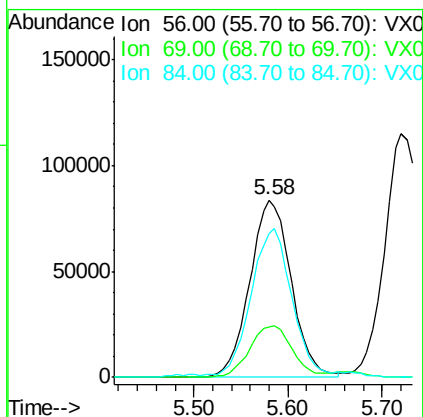
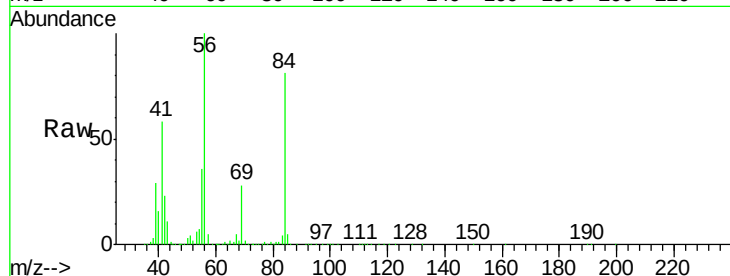




#31
Cyclohexane
Concen: 47.086 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

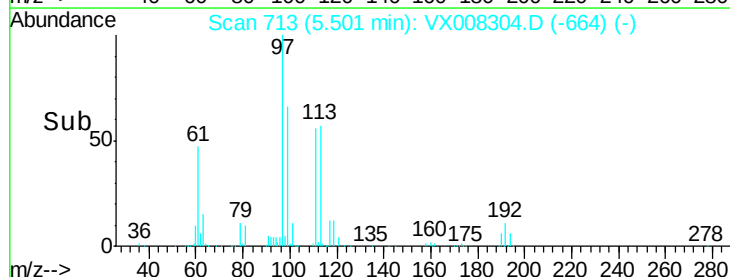
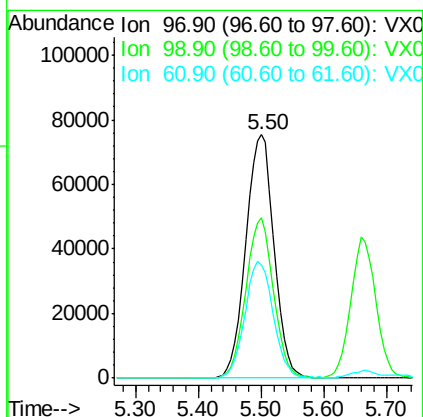
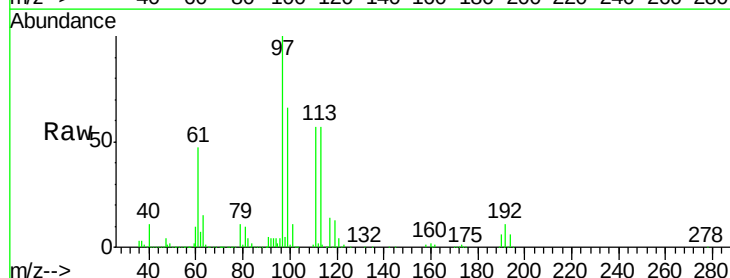
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

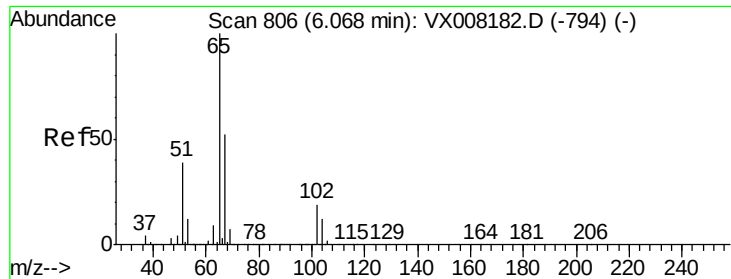
Tot Ion: 56 Resp: 256456
Ion Ratio Lower Upper
56 100
69 28.3 24.0 36.0
84 79.1 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 51.756 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 97 Resp: 233591
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 48.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 44.844 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

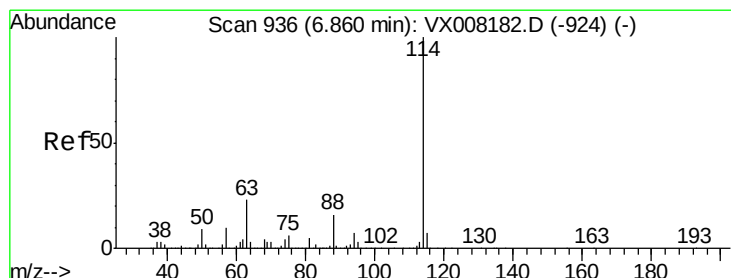
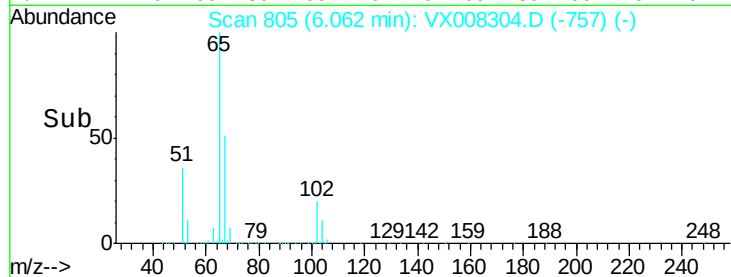
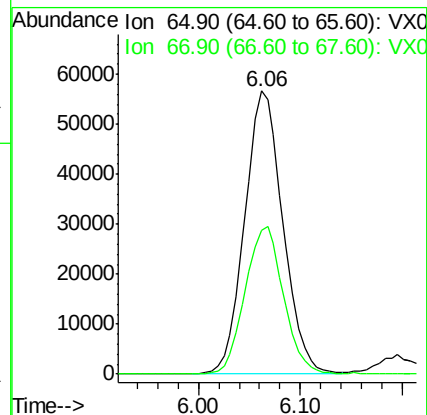
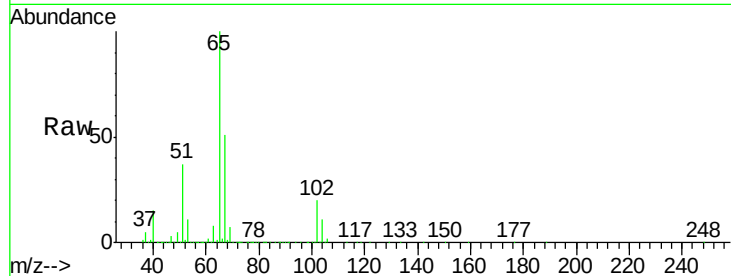
VSTDCCC050EC

Tot Ion: 65 Resp: 147237

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

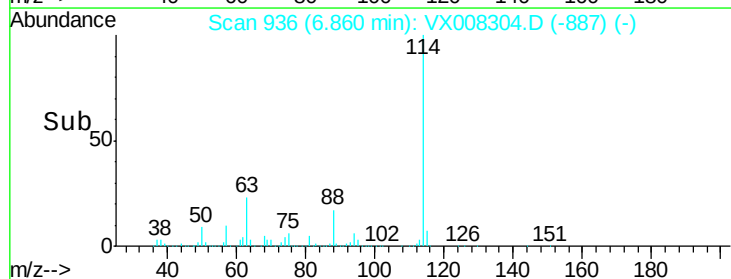
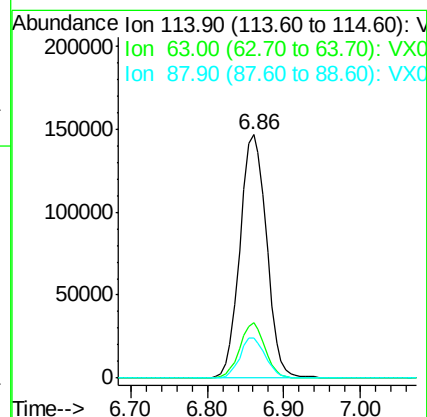
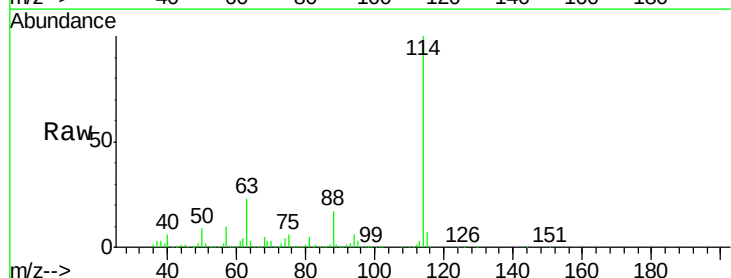
Tgt Ion: 114 Resp: 354109

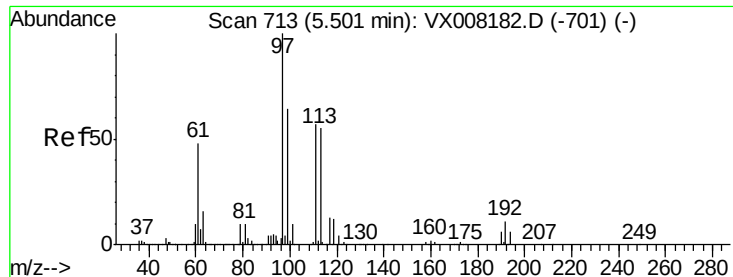
Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.8

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

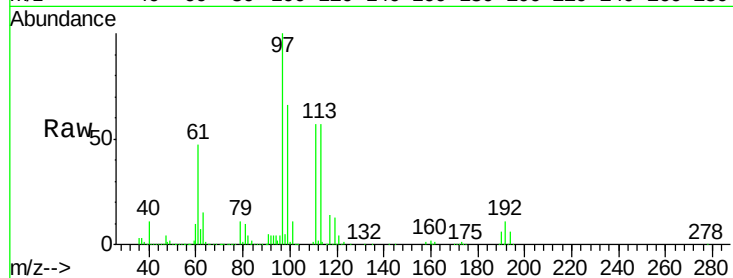
Tot Ion:113 Resp: 118245

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

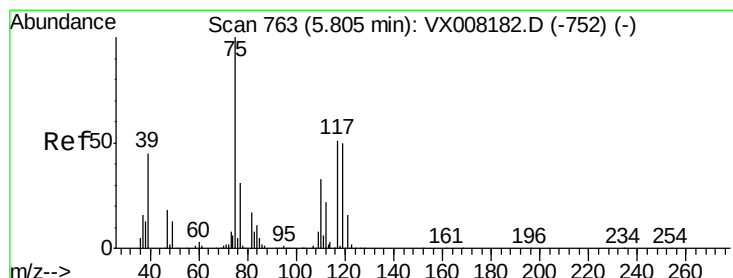
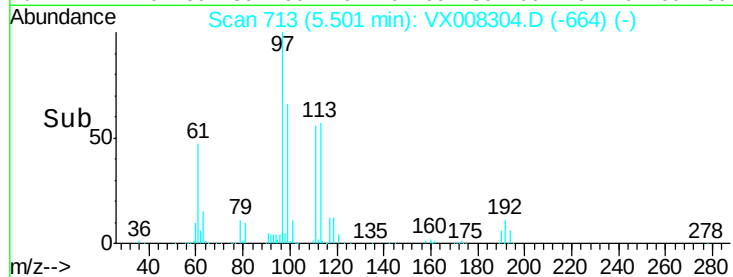
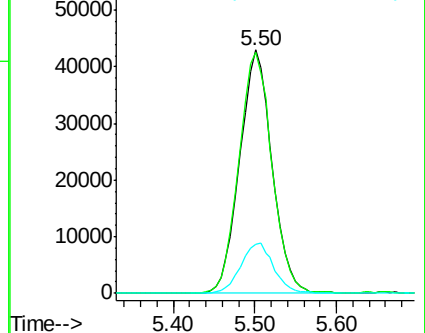
192 21.0 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.929 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

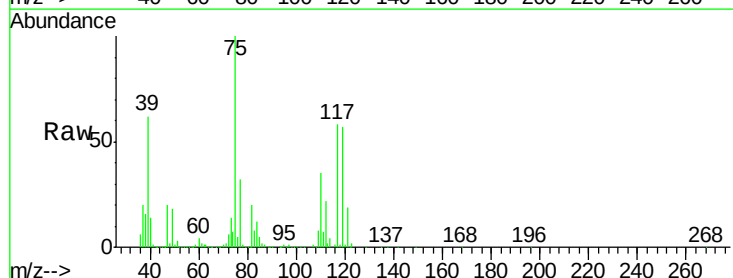
Tgt Ion: 75 Resp: 205847

Ion Ratio Lower Upper

75 100

110 35.7 18.4 55.0

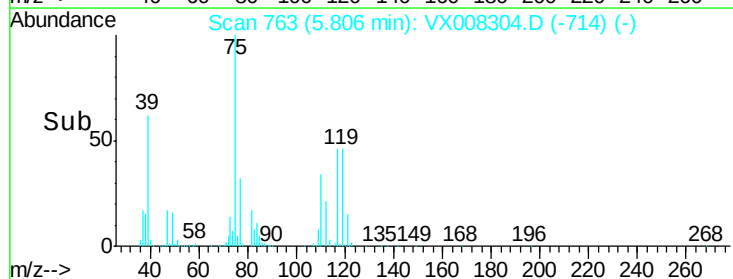
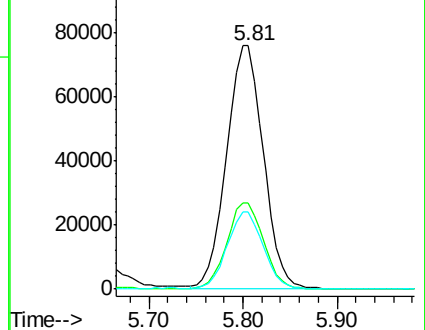
77 31.2 25.0 37.4

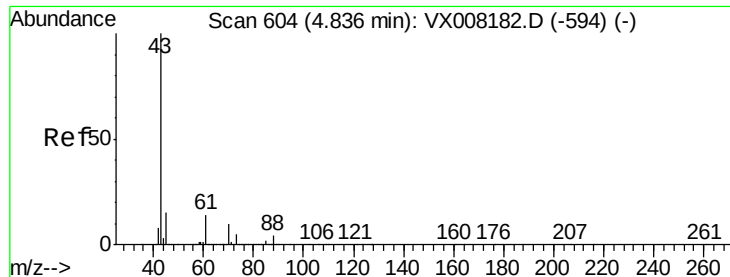


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

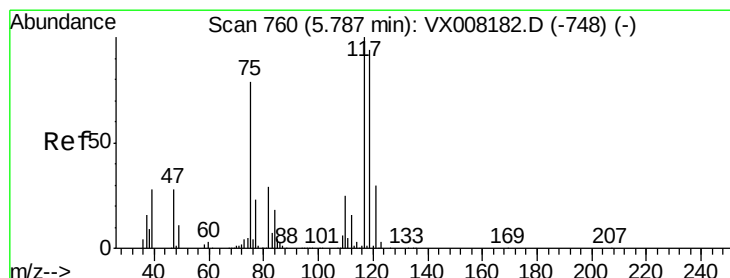
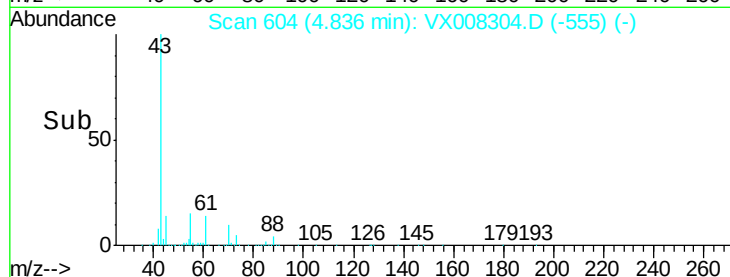
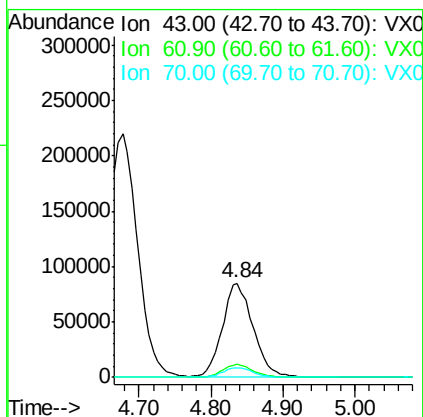
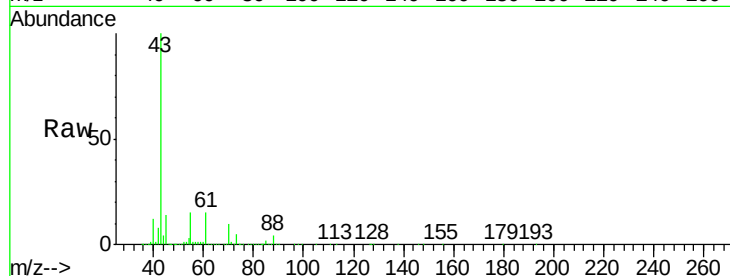




#37
Ethyl Acetate
Concen: 51.318 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

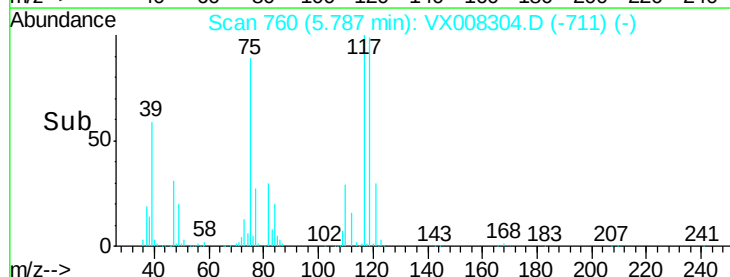
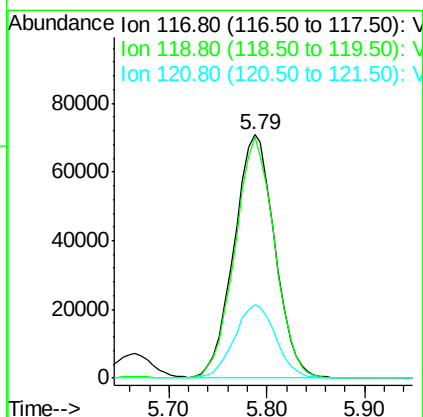
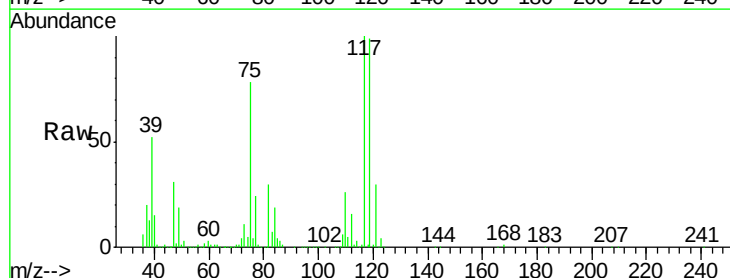
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

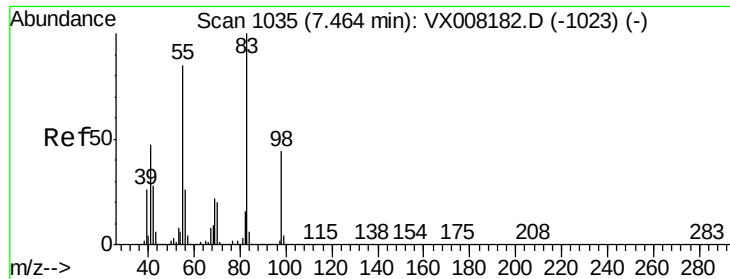
Tot Ion: 43 Resp: 250100
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 55.597 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 117 Resp: 204229
Ion Ratio Lower Upper
117 100
119 98.7 76.2 114.2
121 30.1 24.6 36.8

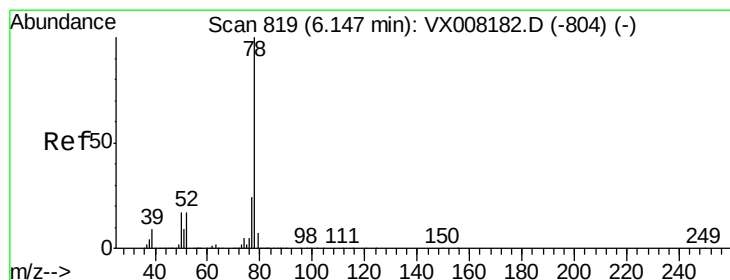
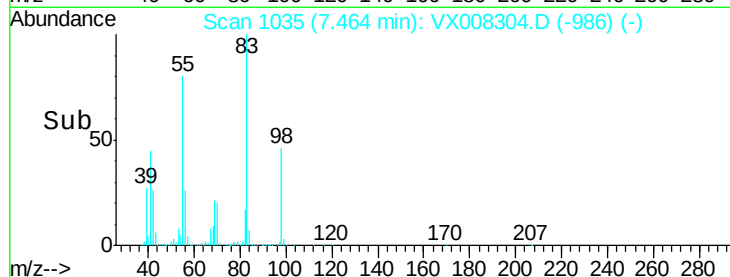
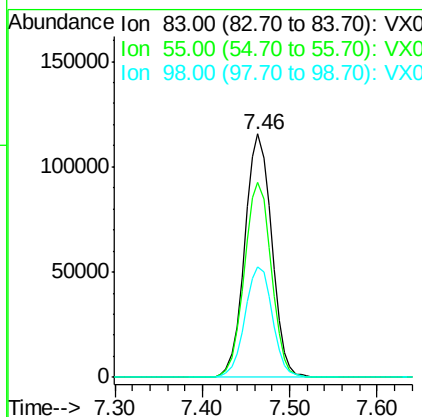
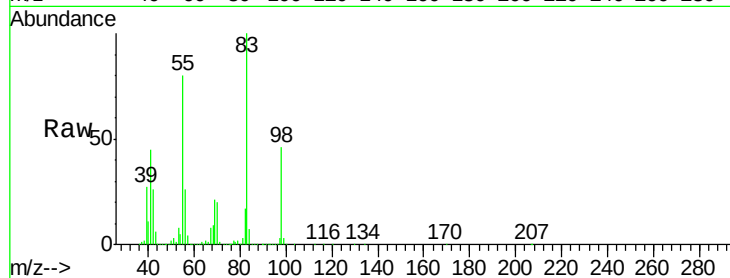




#39
Methylvlcyclohexane
Concen: 49.821 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

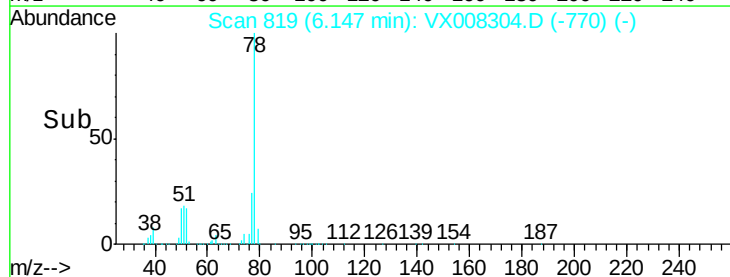
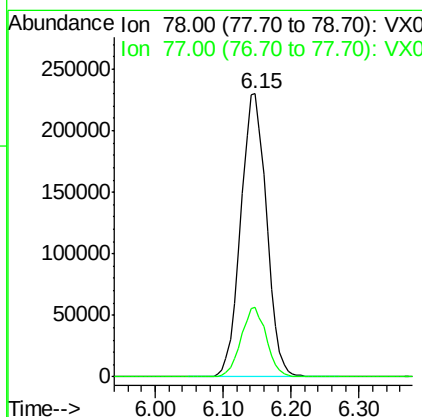
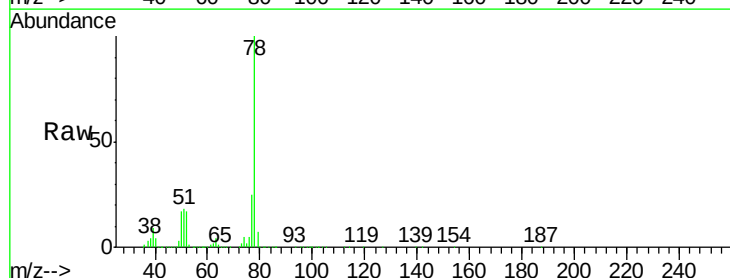
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

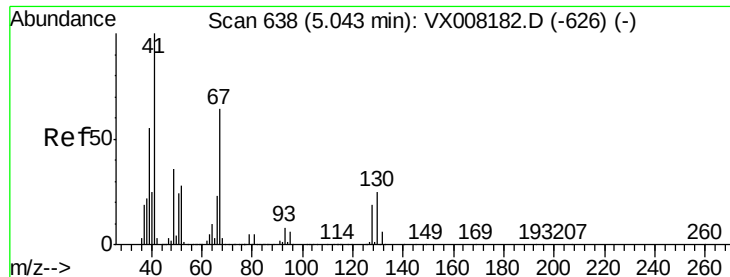
Tot Ion: 83 Resp: 247177
Ion Ratio Lower Upper
83 100
55 80.1 60.4 90.6
98 45.6 36.5 54.7



#40
Benzene
Concen: 49.726 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 78 Resp: 606778
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4





#41

Methacrylonitrile

Concen: 50.129 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 137039

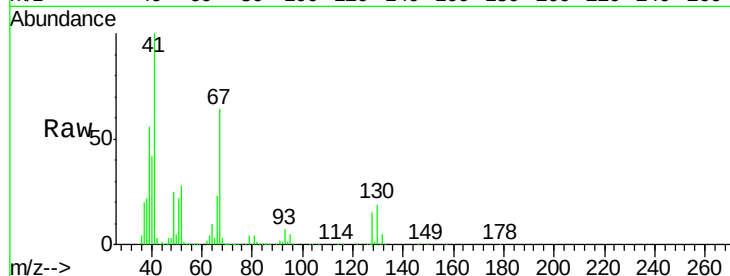
Ion Ratio Lower Upper

41 100

39 56.4 41.6 62.4

67 70.4 55.8 83.6

52 29.5 21.7 32.5

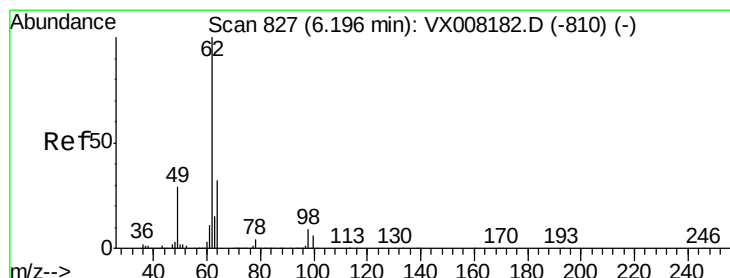
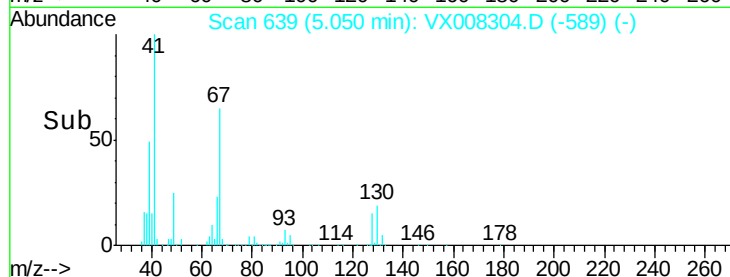
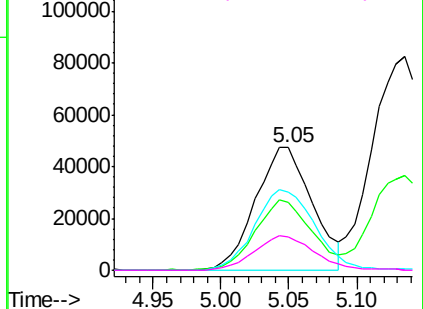


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.132 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008304.D

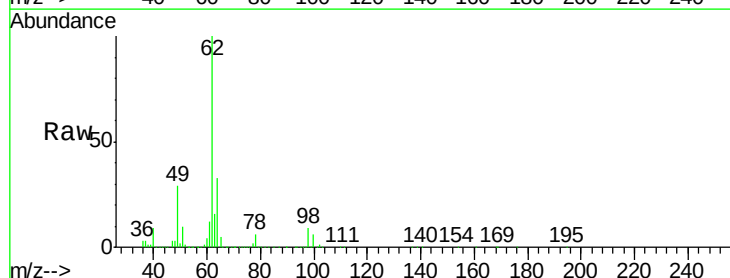
Acq: 21 Mar 2019 20:47

Tgt Ion: 62 Resp: 228568

Ion Ratio Lower Upper

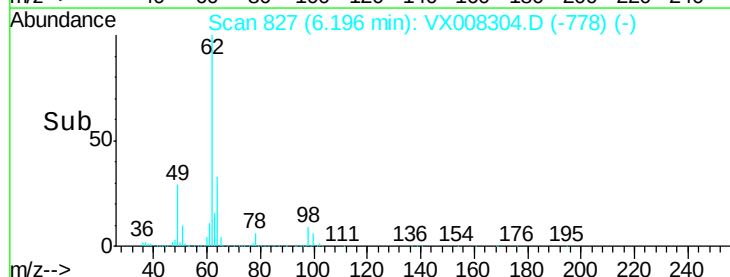
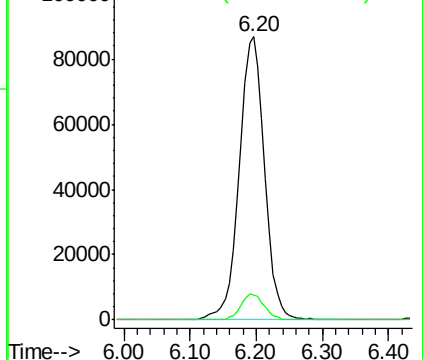
62 100

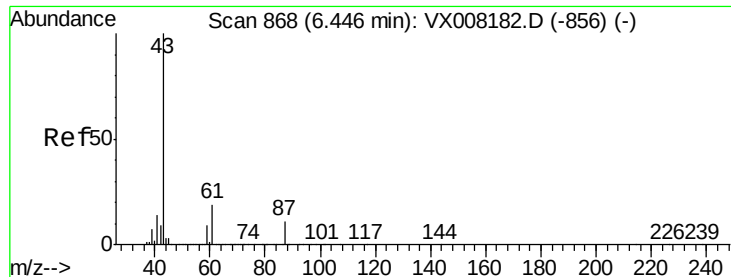
98 8.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



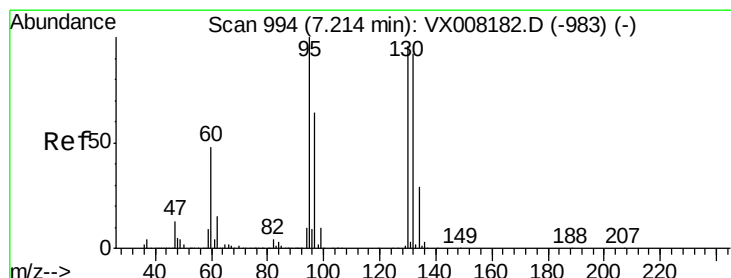
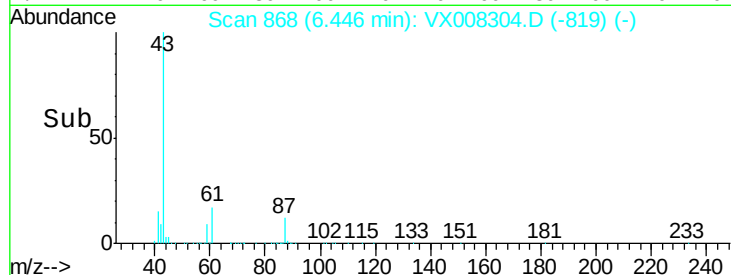
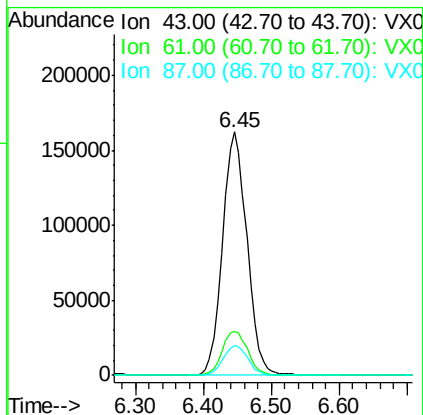
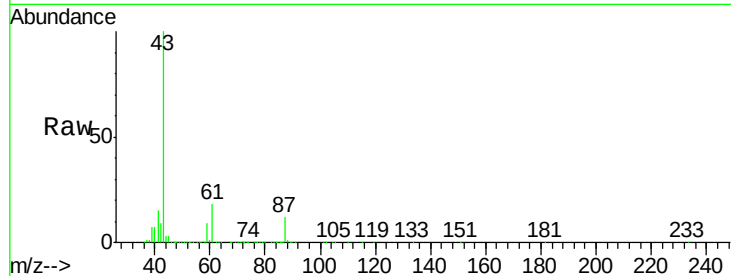


#43

Isopropyl Acetate
 Concen: 51.412 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

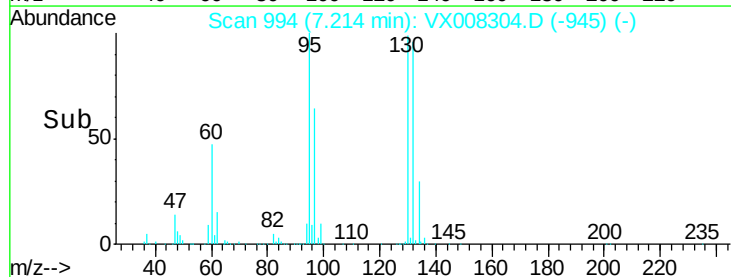
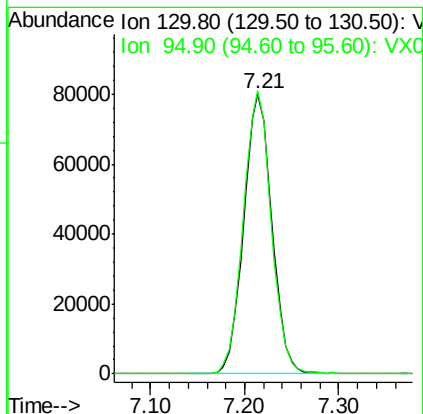
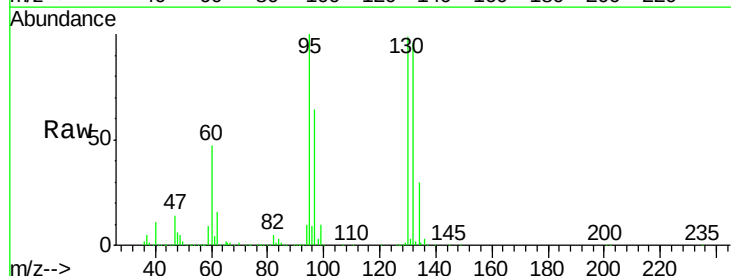
Tot Ion	43	Resp	401617
Ion Ratio	Lower	Upper	
43	100		
61	18.9	16.3	24.5
87	12.6	10.5	15.7

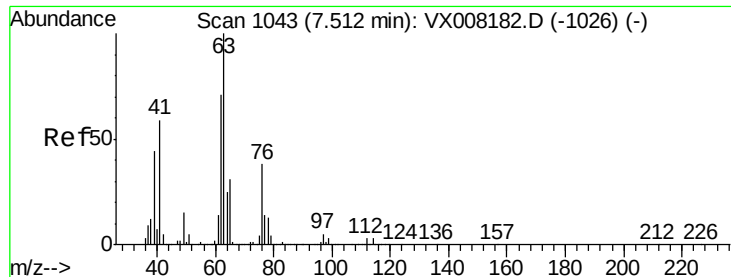


#44

Trichloroethene
 Concen: 56.121 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion	130	Resp	167444
Ion Ratio	Lower	Upper	
130	100		
95	101.0	0.0	188.0





#45

1,2-Dichloropropane

Concen: 49.165 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

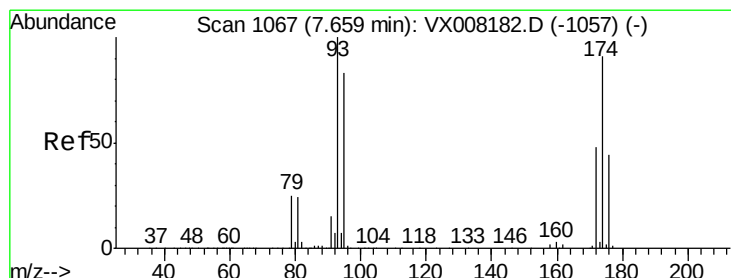
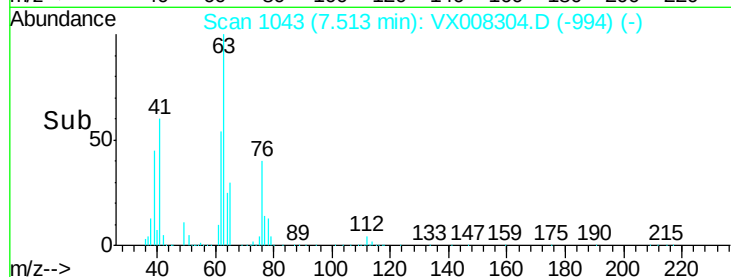
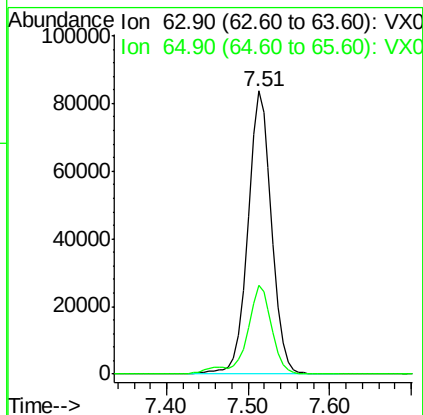
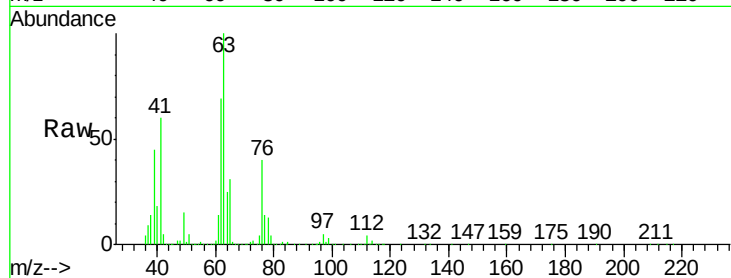
VSTDCCC050EC

Tot Ion: 63 Resp: 167945

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 51.533 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

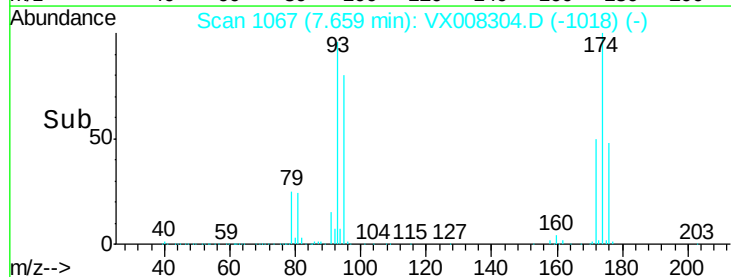
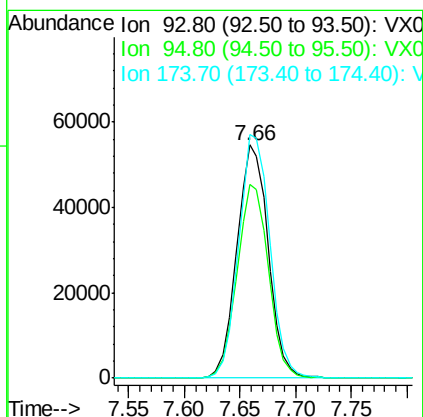
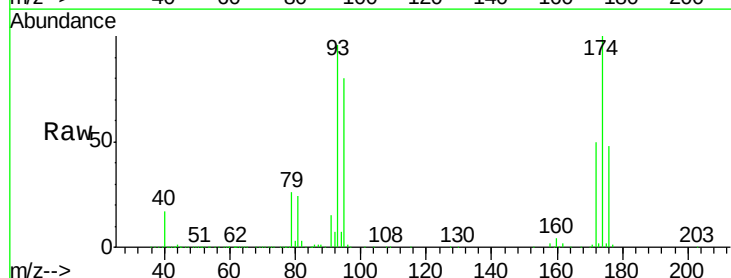
Tgt Ion: 93 Resp: 106583

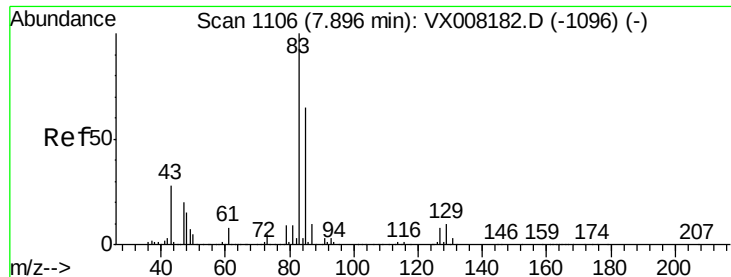
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 104.2 97.3 145.9





#47

Bromodichloromethane

Concen: 59.068 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

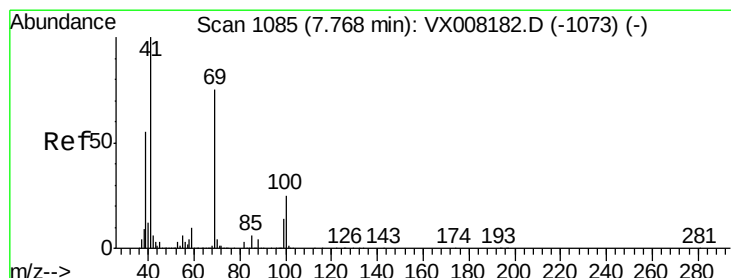
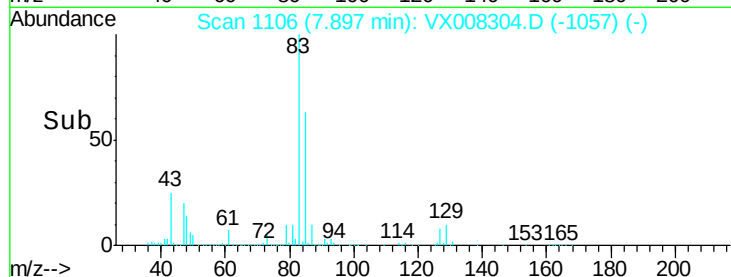
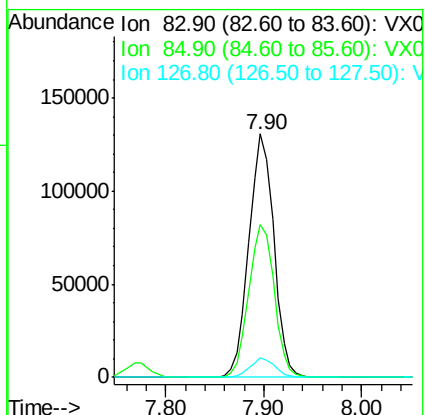
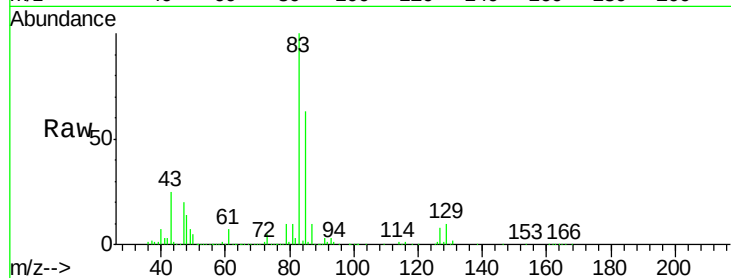
Tot Ion: 83 Resp: 232823

Ion Ratio Lower Upper

83 100

85 62.6 50.9 76.3

127 8.1 7.4 11.0



#48

Methyl methacrylate

Concen: 52.674 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

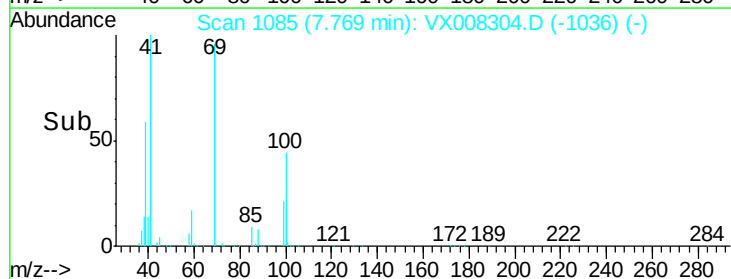
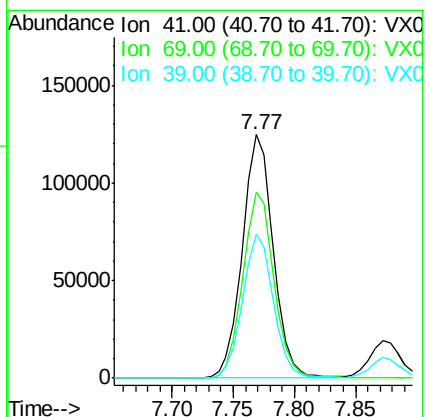
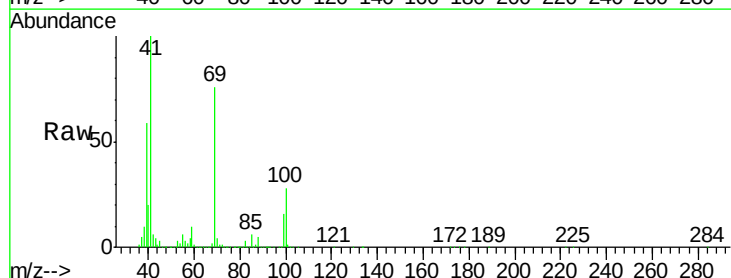
Tgt Ion: 41 Resp: 218787

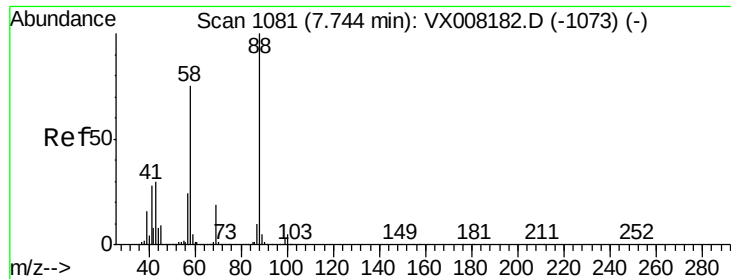
Ion Ratio Lower Upper

41 100

69 77.2 65.2 97.8

39 58.7 39.4 59.2





#49

1,4-Dioxane

Concen: 1056.015 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

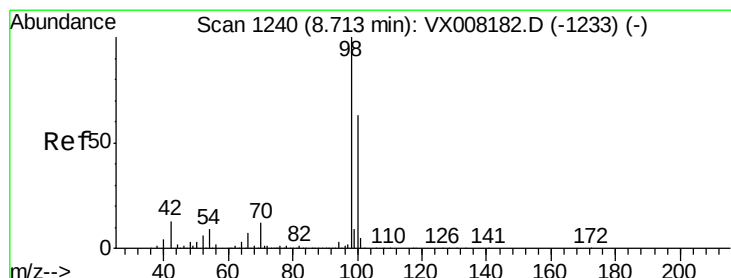
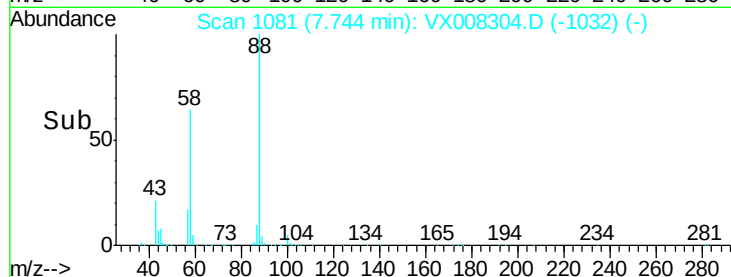
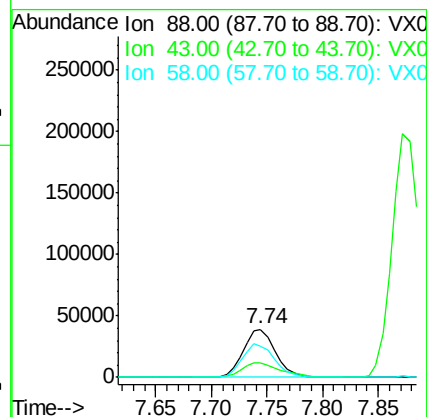
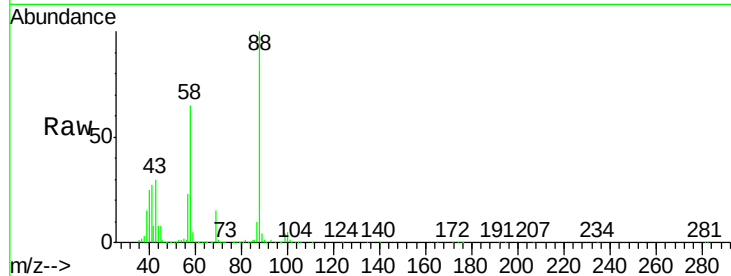
Tot Ion: 88 Resp: 77403

Ion Ratio Lower Upper

88 100

43 35.5 25.1 37.7

58 70.7 57.8 86.6



#50

Toluene-d8

Concen: 51.786 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008304.D

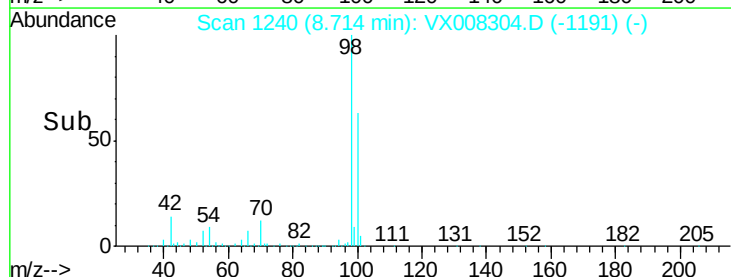
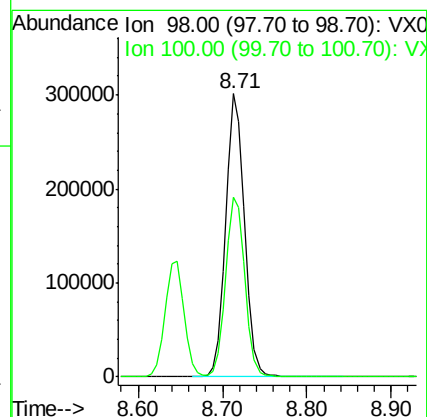
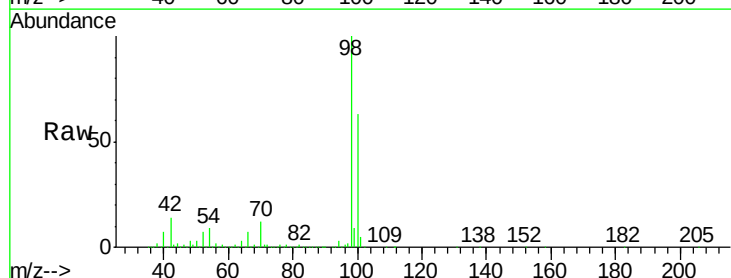
Acq: 21 Mar 2019 20:47

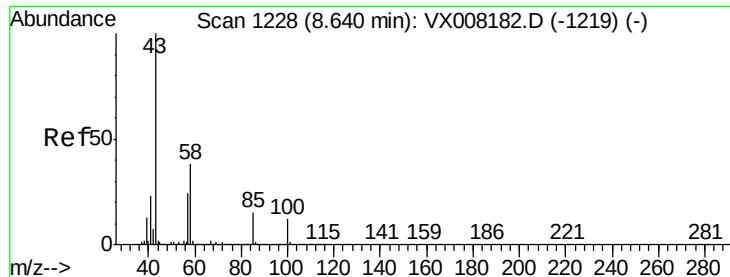
Tgt Ion: 98 Resp: 465422

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 283.828 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

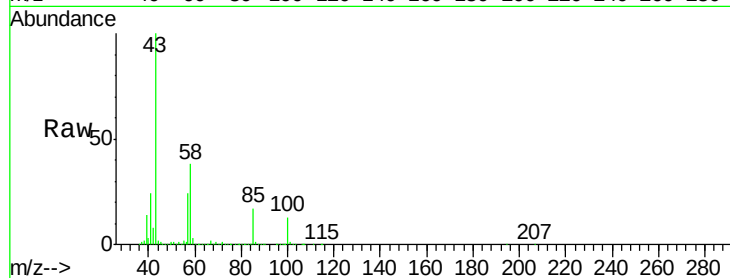
VSTDCCC050EC

Tot Ion: 43 Resp: 1433394

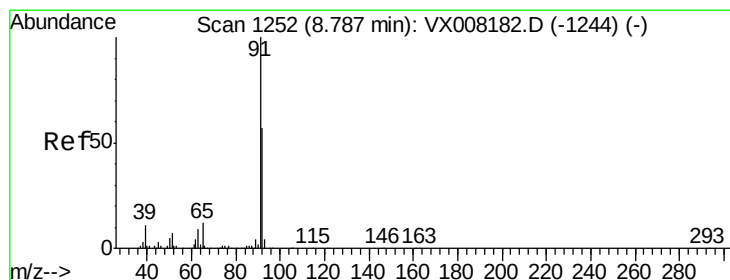
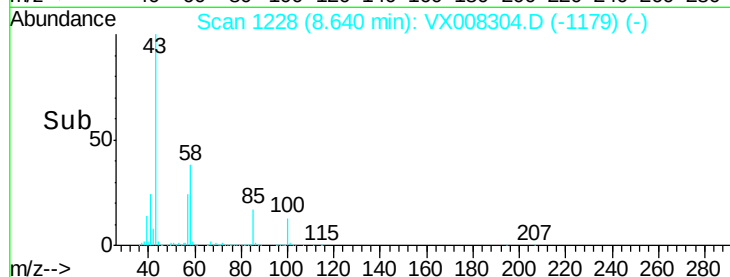
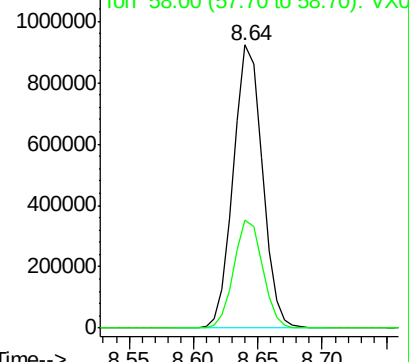
Ion Ratio Lower Upper

43 100

58 37.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#52

Toluene

Concen: 56.741 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008304.D

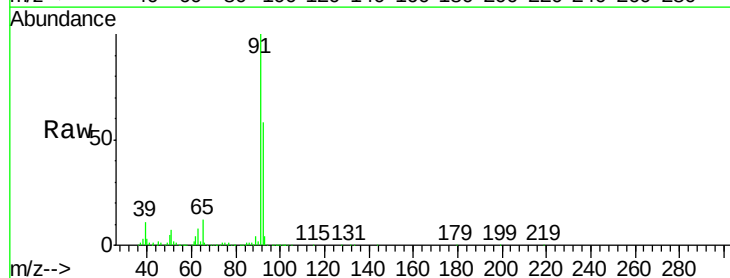
Acq: 21 Mar 2019 20:47

Tgt Ion: 92 Resp: 410765

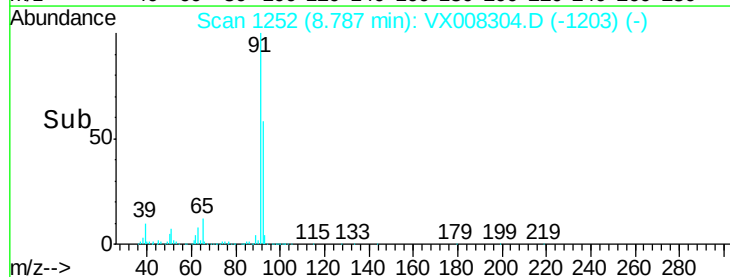
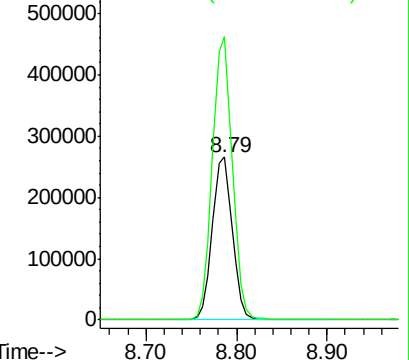
Ion Ratio Lower Upper

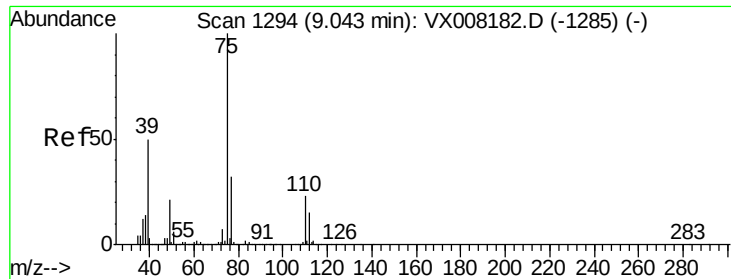
92 100

91 173.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

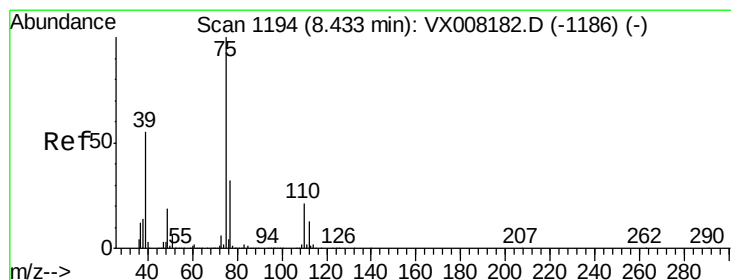
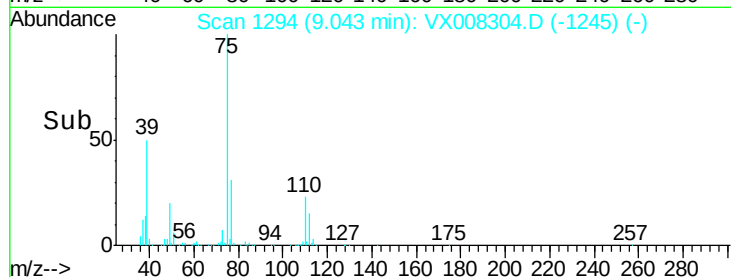
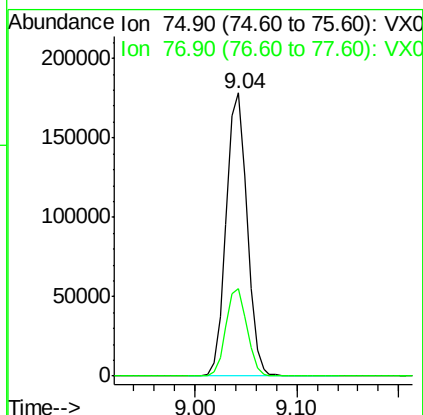
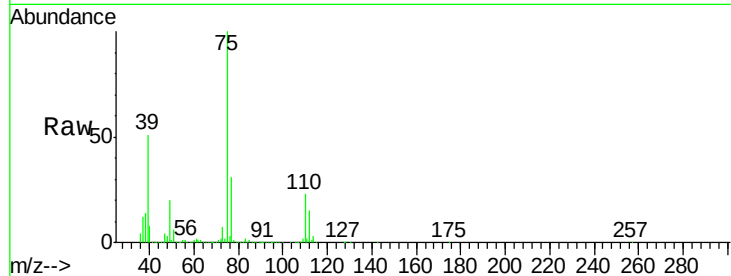




#53
 t-1,3-Dichloropropene
 Concen: 51.119 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

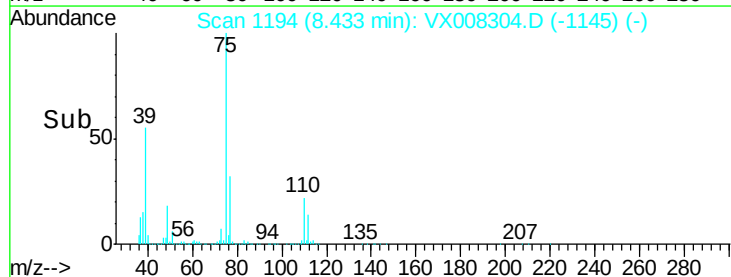
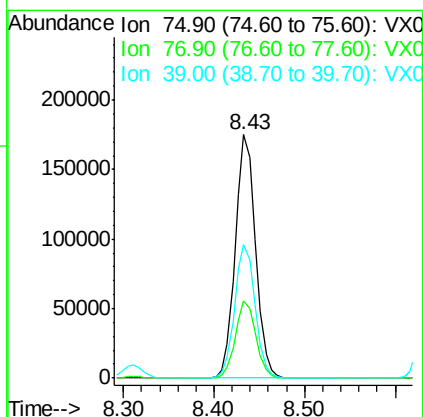
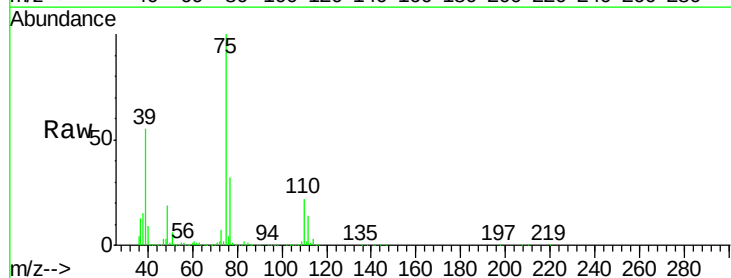
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

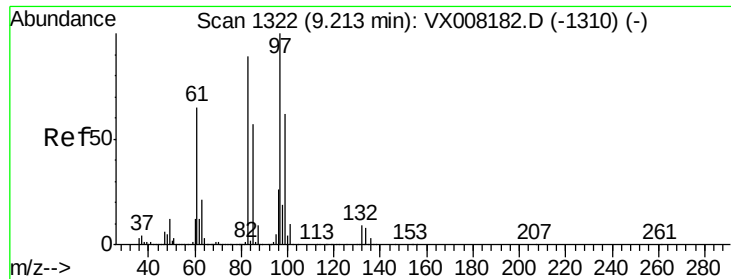
Tot Ion: 75 Resp: 252498
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.492 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion: 75 Resp: 271454
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.6
 39 54.6 36.6 54.8

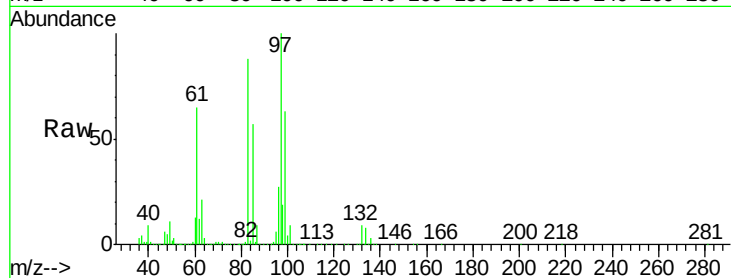




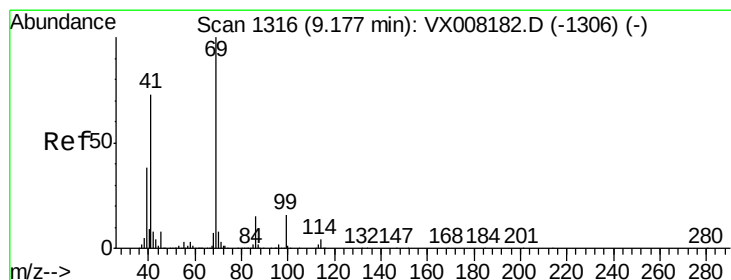
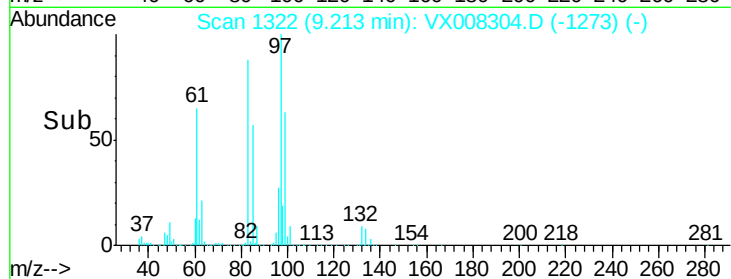
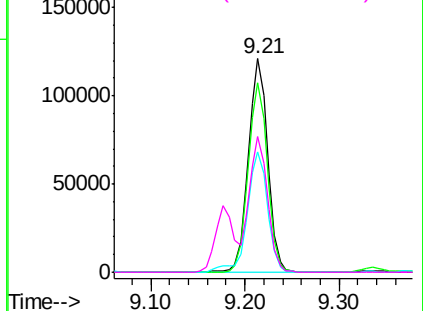
#55
 1,1,2-Trichloroethane
 Concen: 59.676 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	174547
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.1	103.7
85	56.6	44.3	66.5
99	63.4	49.8	74.8

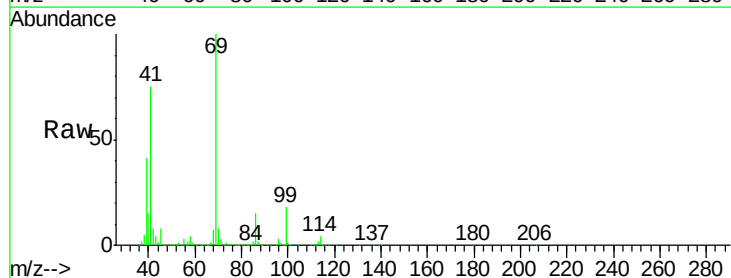


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

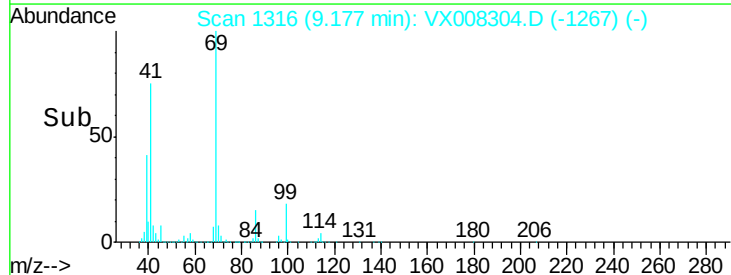
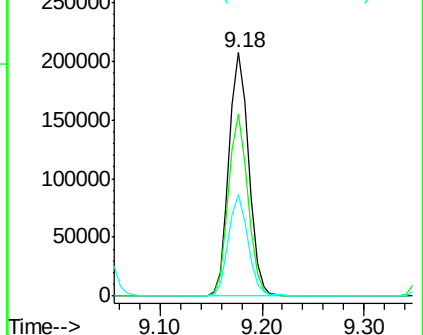


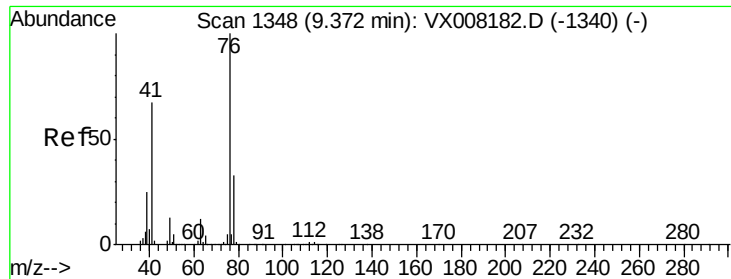
#56
 Ethyl methacrylate
 Concen: 54.181 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion:	69	Resp:	278202
Ion	Ratio	Lower	Upper
69	100		
41	73.4	54.2	81.4
39	41.1	25.0	37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

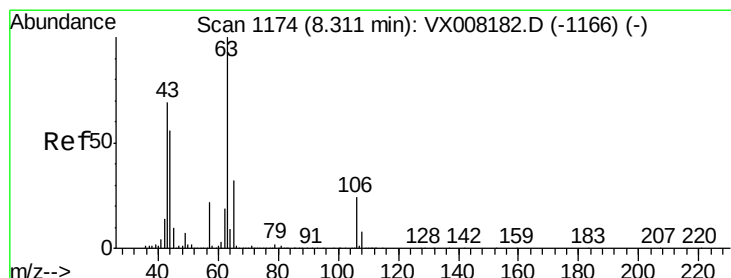
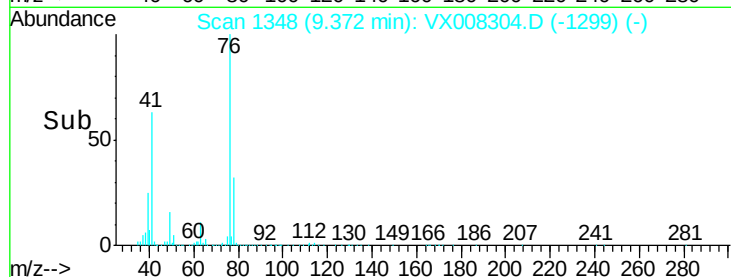
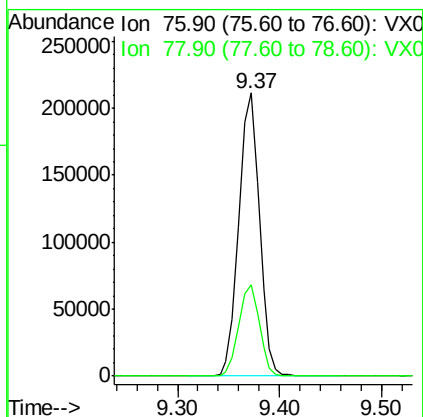
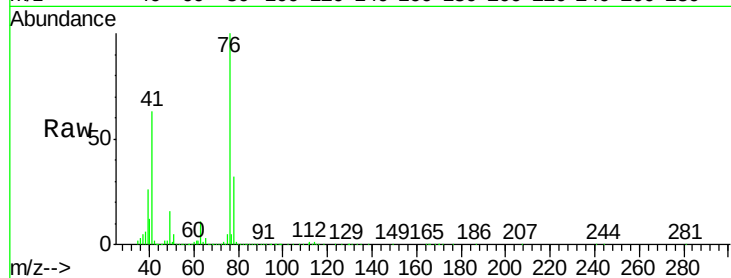




#57
 1,3-Dichloropropane
 Concen: 57.028 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

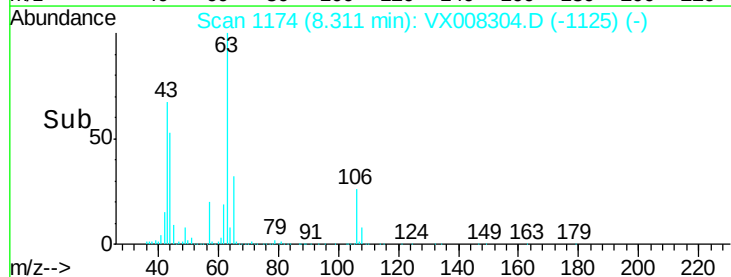
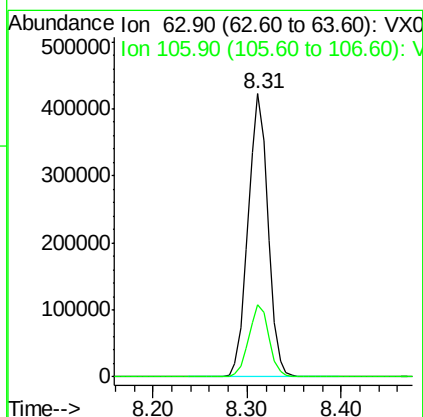
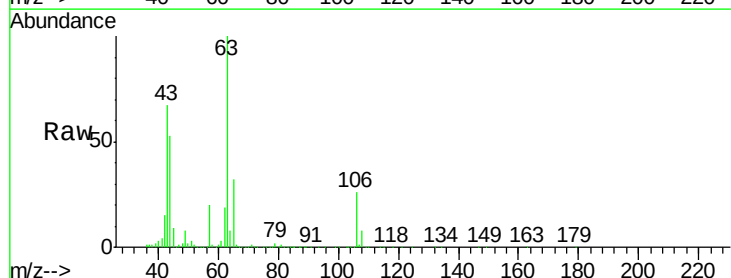
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

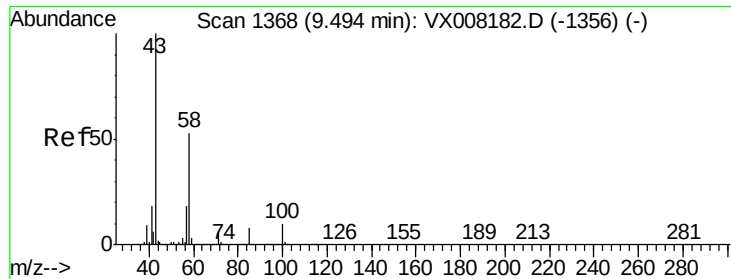
Tot Ion: 76 Resp: 295075
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.612 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion: 63 Resp: 626945
 Ion Ratio Lower Upper
 63 100
 106 25.6 22.2 33.2

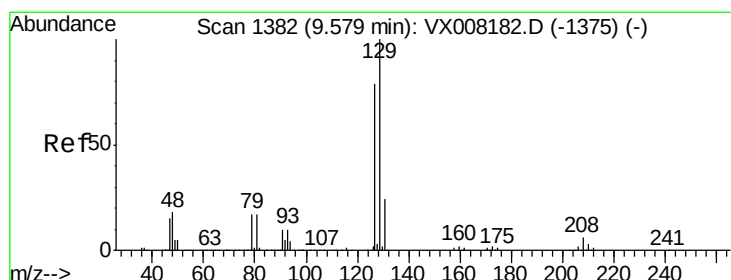
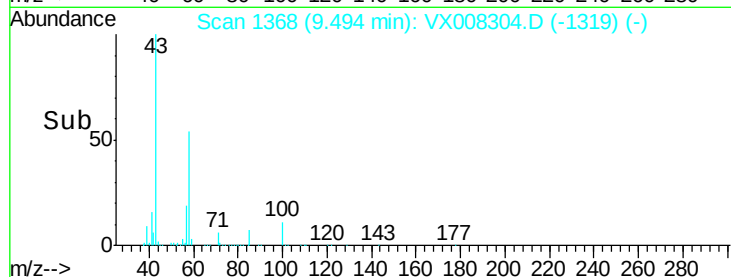
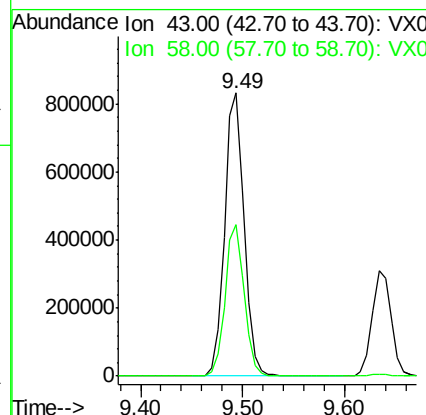
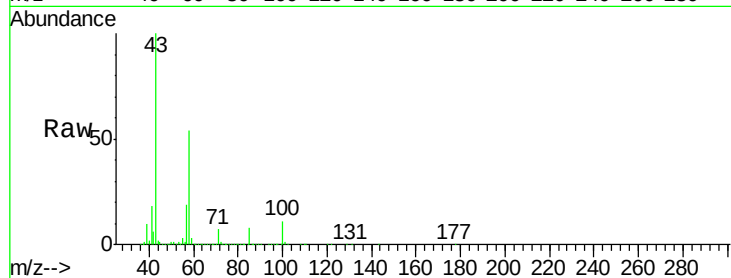




#59
2-Hexanone
Concen: 284.574 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

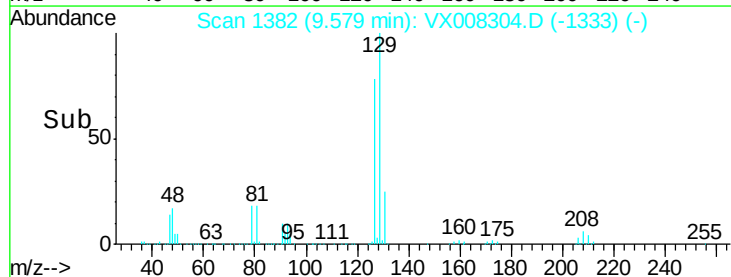
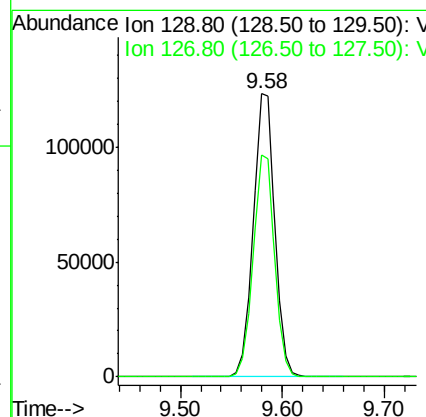
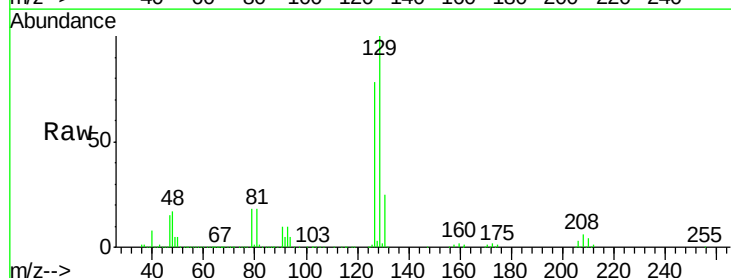
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

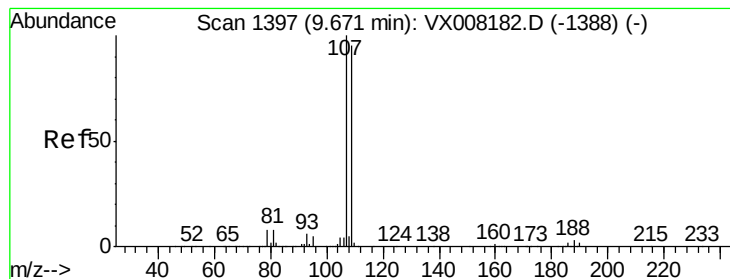
Tot Ion: 43 Resp: 1106439
Ion Ratio Lower Upper
43 100
58 52.7 27.6 82.7



#60
Dibromochloromethane
Concen: 64.853 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 129 Resp: 182300
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 60.168 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

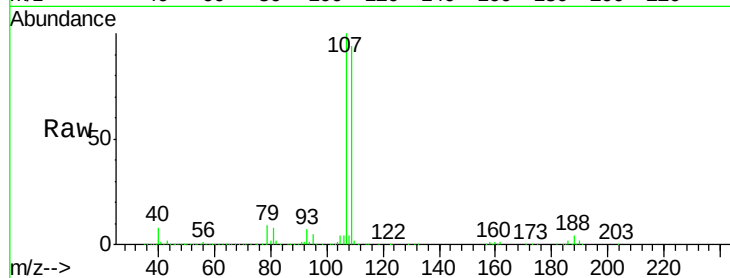
VSTDCCC050EC

Tot Ion:107 Resp: 183759

Ion Ratio Lower Upper

107 100

109 94.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

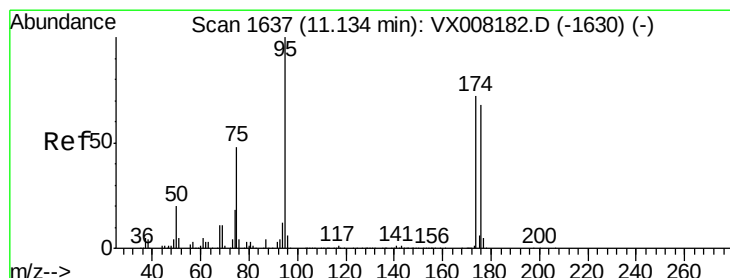
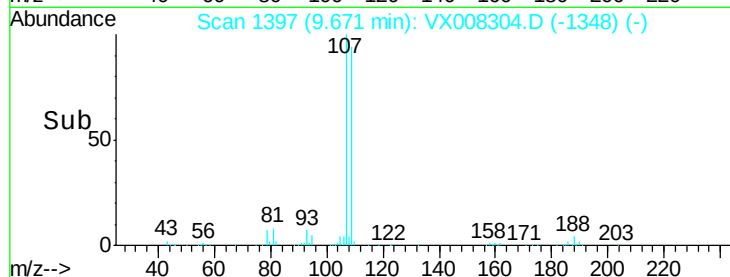
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.885 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

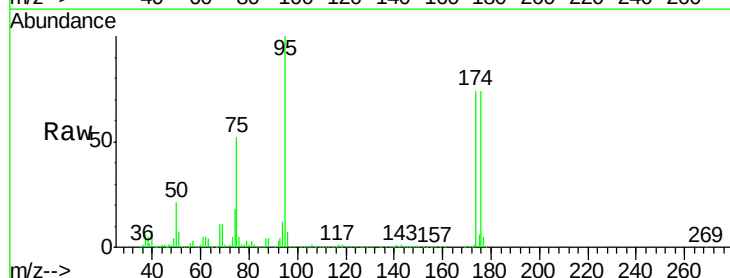
Tgt Ion: 95 Resp: 172941

Ion Ratio Lower Upper

95 100

174 79.9 0.0 182.8

176 78.5 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

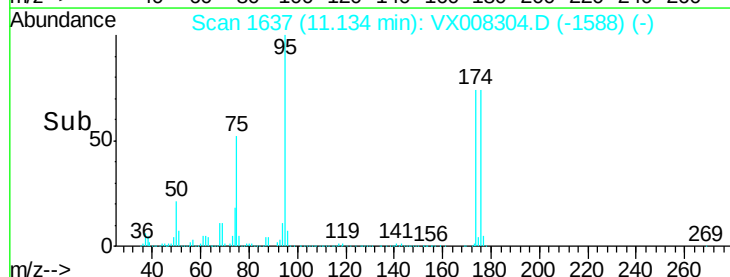
150000

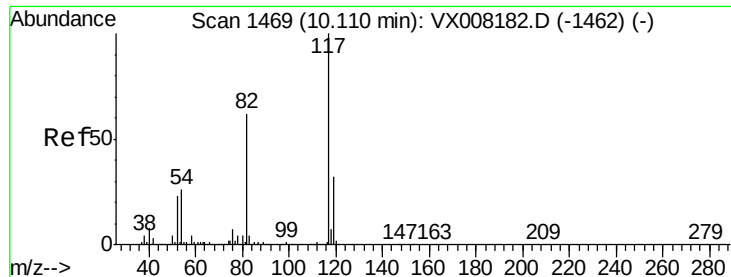
100000

50000

0

Time-->

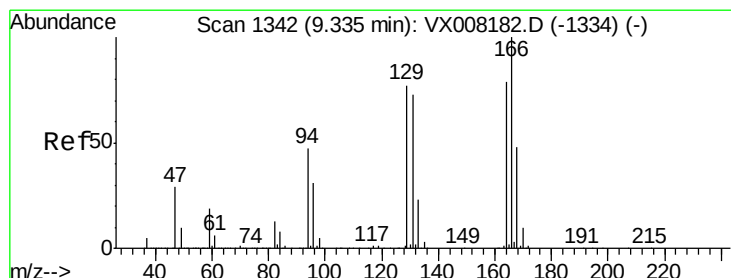
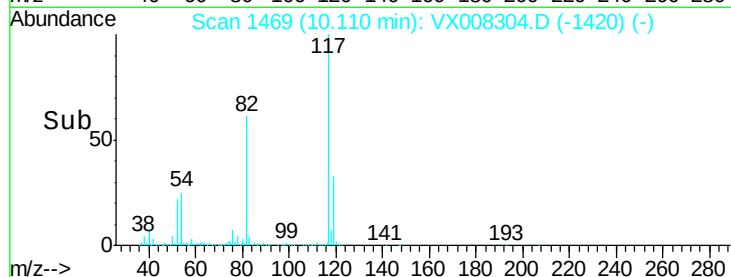
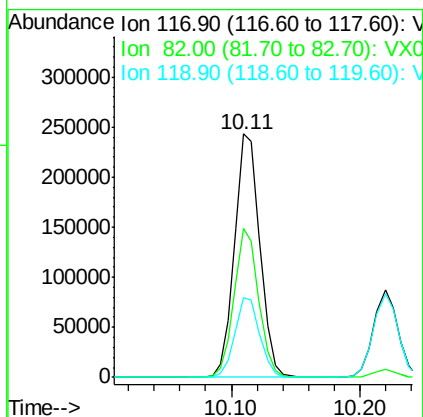
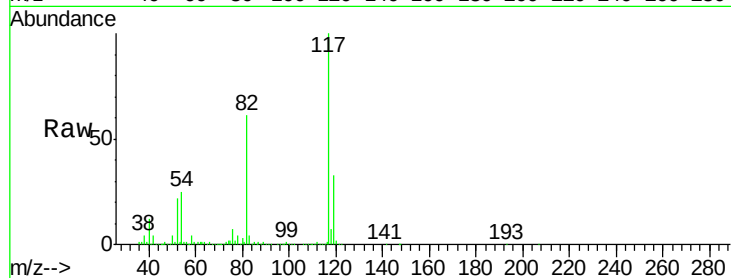




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

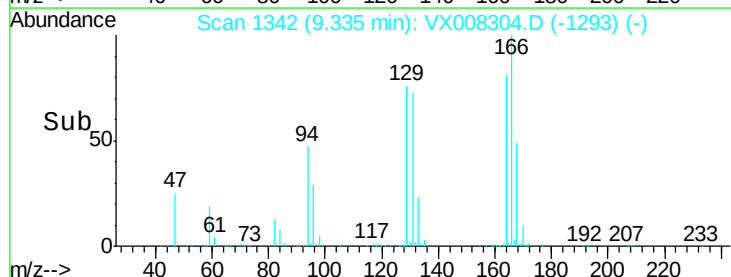
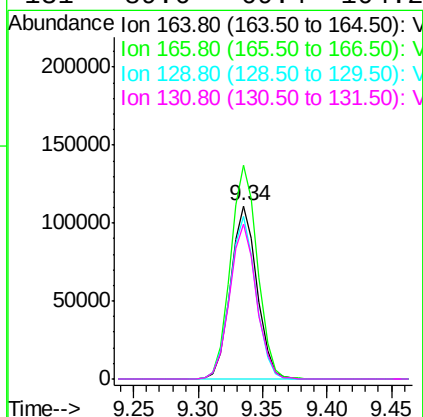
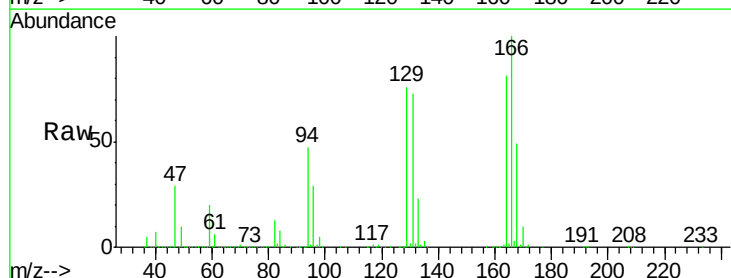
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

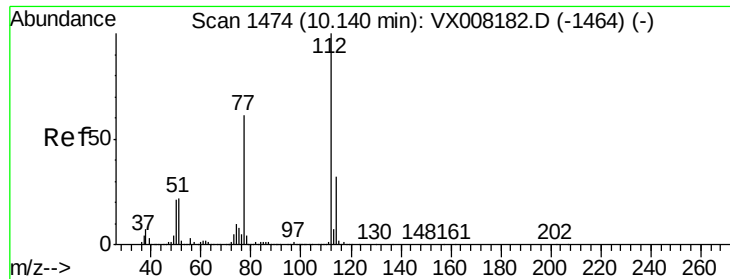
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	44.3	66.5
119	32.6	25.3	37.9



#64
Tetrachloroethene
Concen: 52.734 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	103.4	155.0
129	94.0	72.2	108.4
131	89.6	69.4	104.2

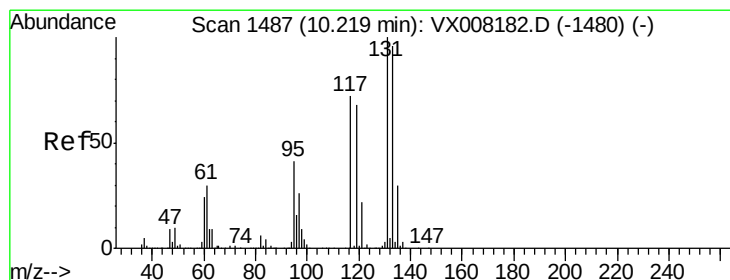
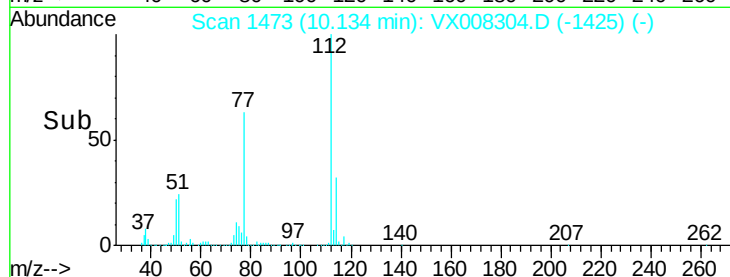
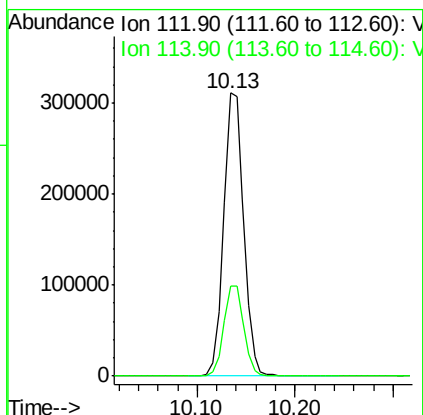
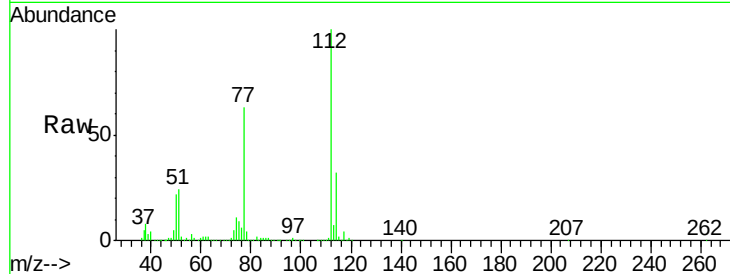




#65
Chlorobenzene
Concen: 53.361 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

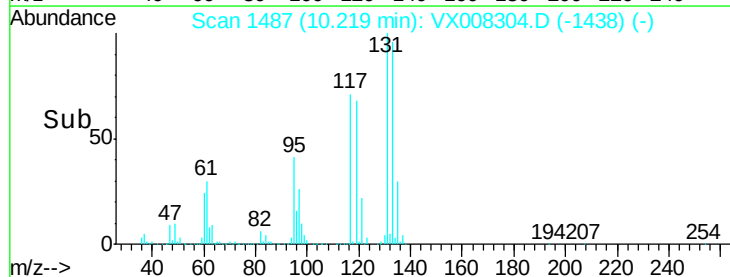
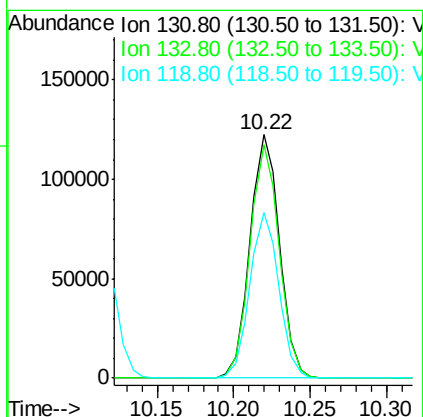
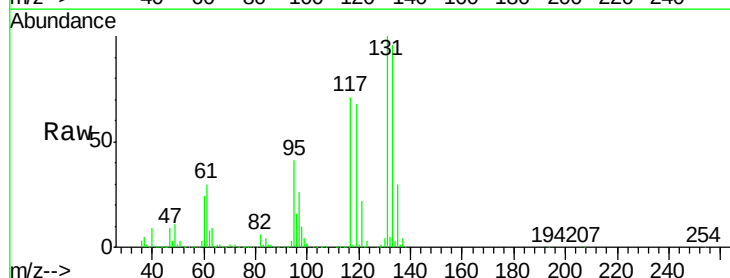
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

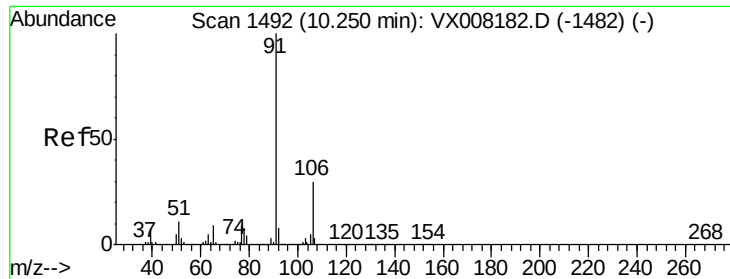
Tot Ion:112 Resp: 439215
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 57.377 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion:131 Resp: 164662
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 66.7 32.5 97.5

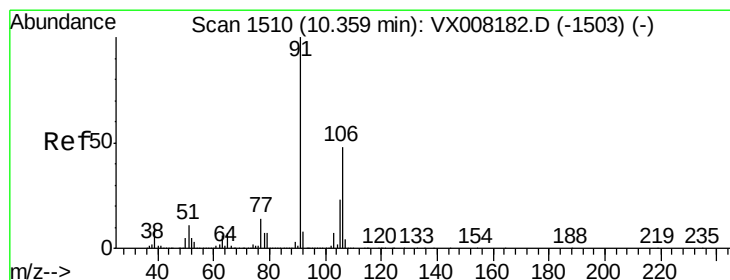
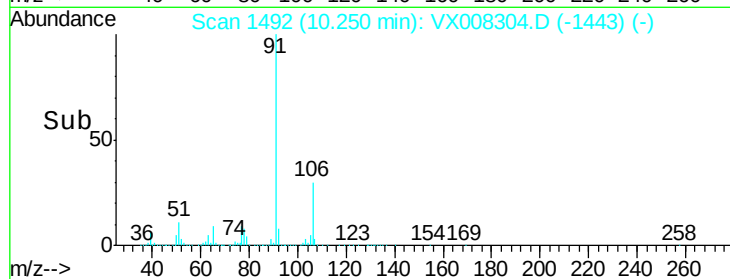
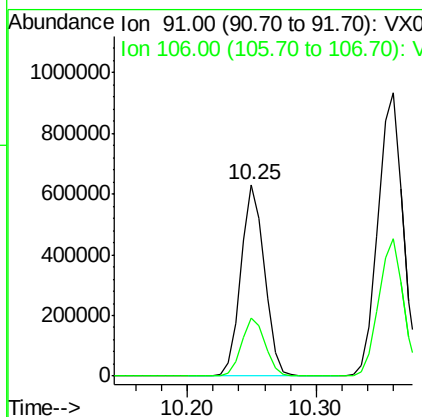
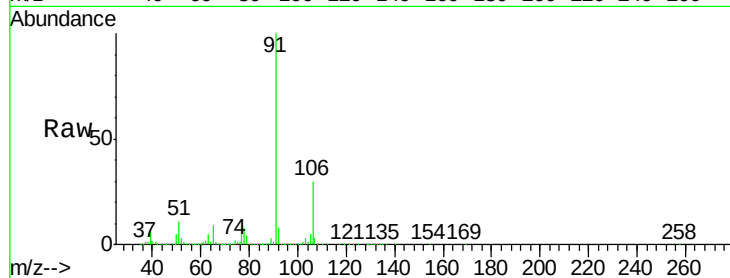




#67
Ethyl Benzene
Concen: 54.950 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

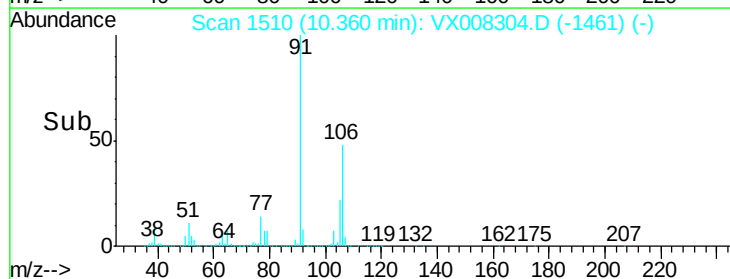
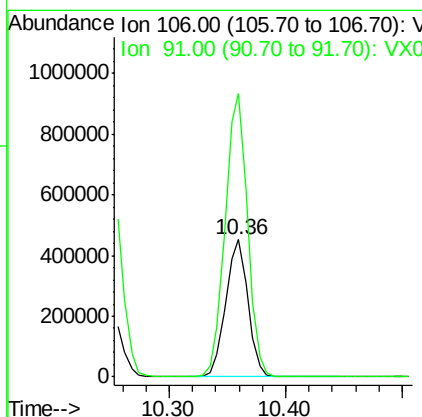
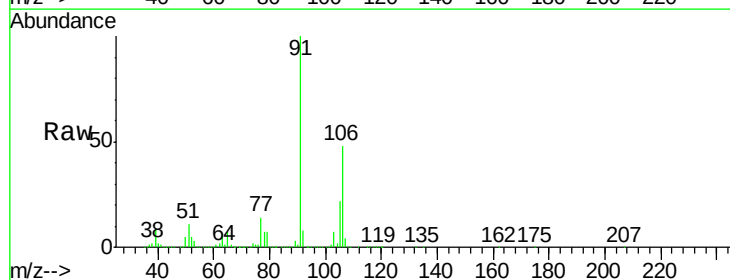
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

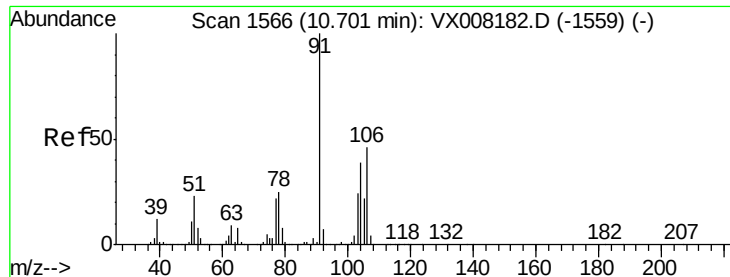
Tot Ion: 91 Resp: 797048
Ion Ratio Lower Upper
91 100
106 30.2 25.2 37.8



#68
m/p-Xylenes
Concen: 111.751 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 106 Resp: 595433
Ion Ratio Lower Upper
106 100
91 208.2 159.8 239.6

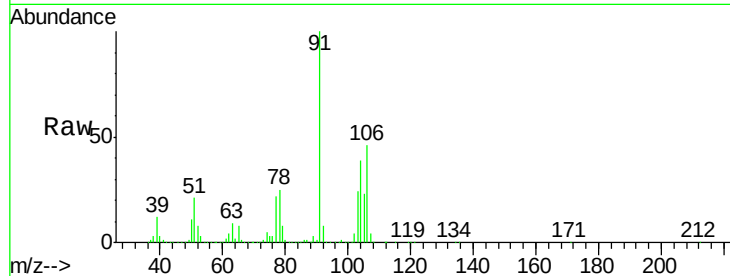




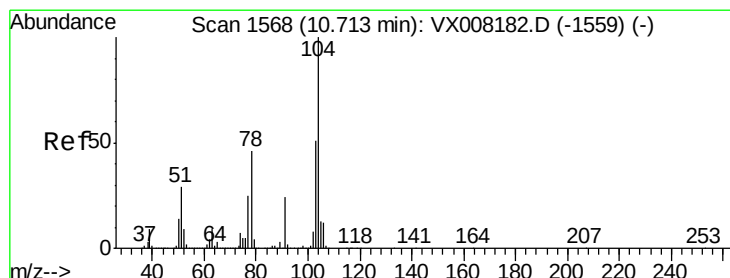
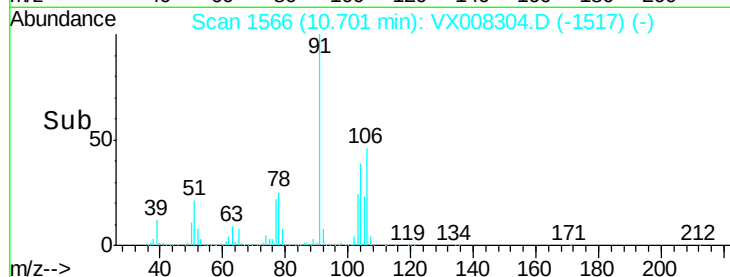
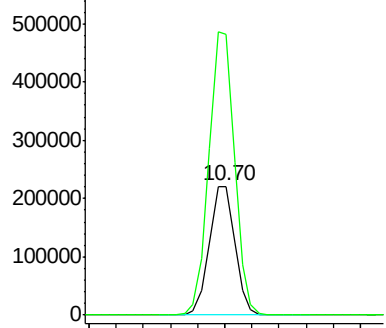
#69
o-Xylene
Concen: 56.086 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 290384
Ion Ratio Lower Upper
106 100
91 219.7 106.3 318.9

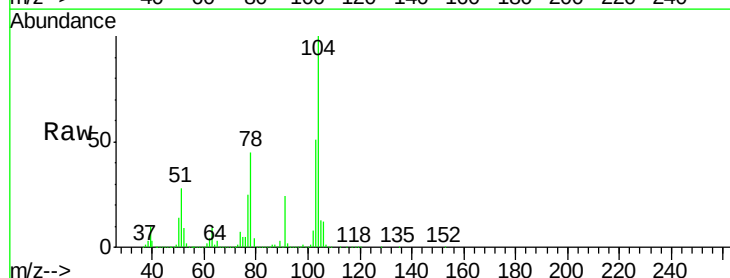


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

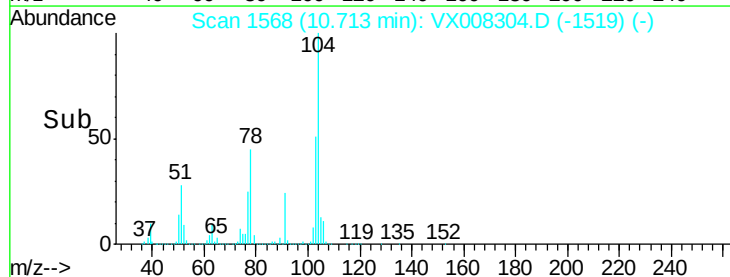
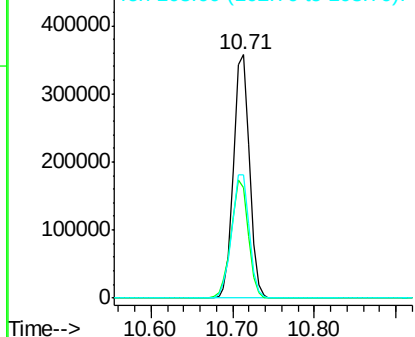


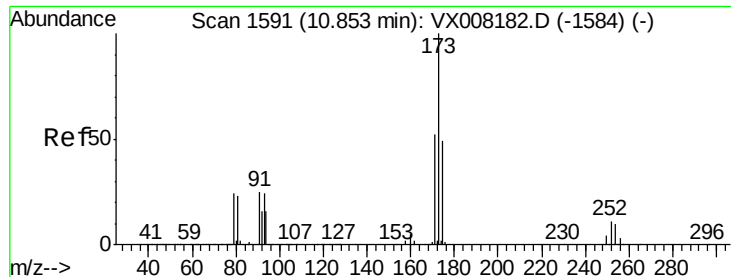
#70
Styrene
Concen: 56.411 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion:104 Resp: 474652
Ion Ratio Lower Upper
104 100
78 52.8 38.5 57.7
103 56.1 44.1 66.1



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

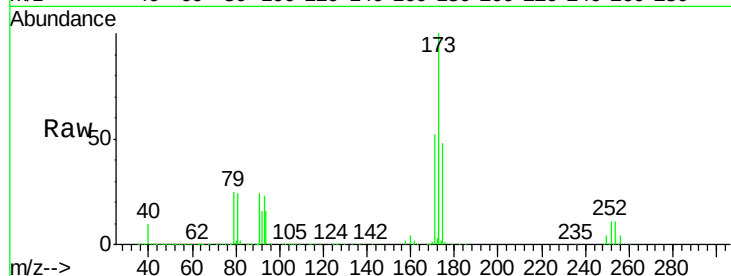




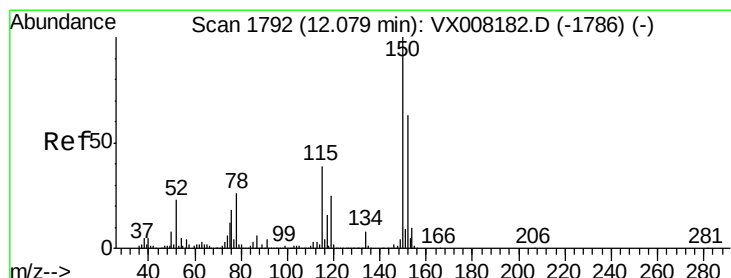
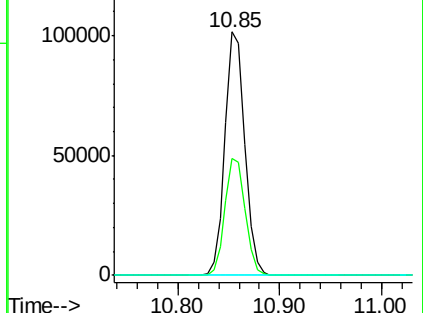
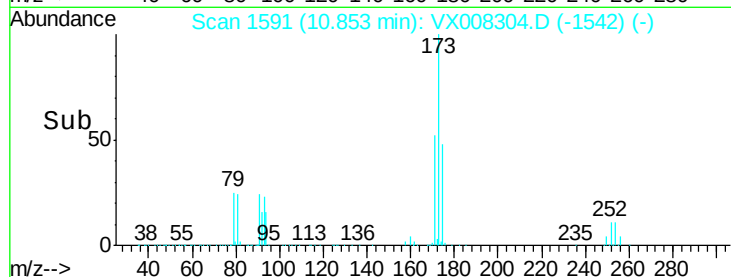
#71
Bromoform
Concen: 55.278 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 137288
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.9
254 0.2 0.1 0.1#

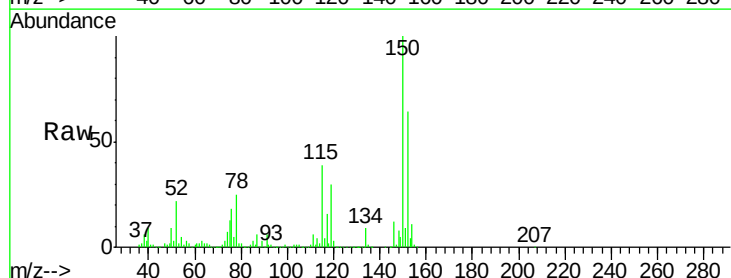


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

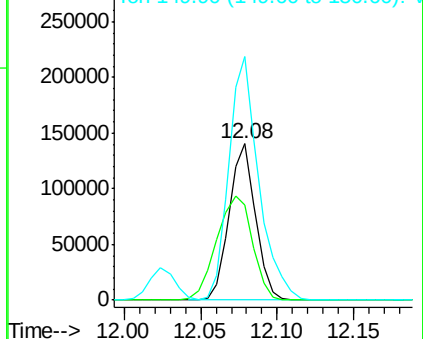
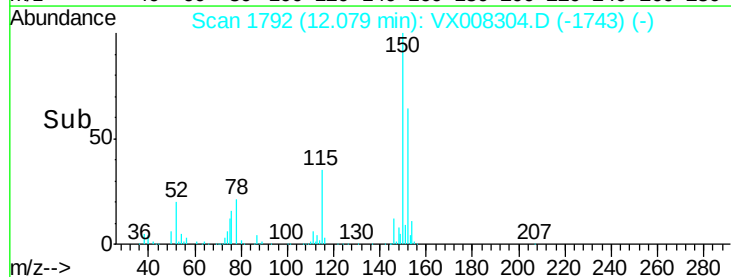


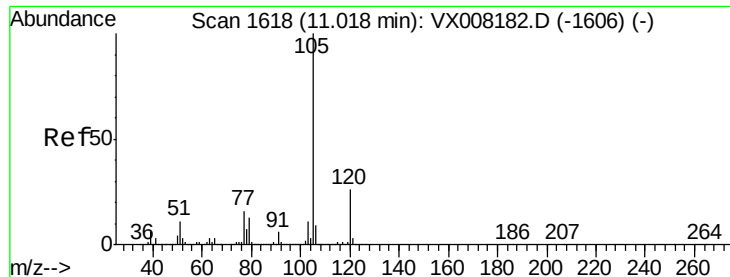
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion:152 Resp: 166741
Ion Ratio Lower Upper
152 100
115 90.4 38.6 115.7
150 177.3 0.0 348.4



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





#73

Isopropylbenzene

Concen: 52.651 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

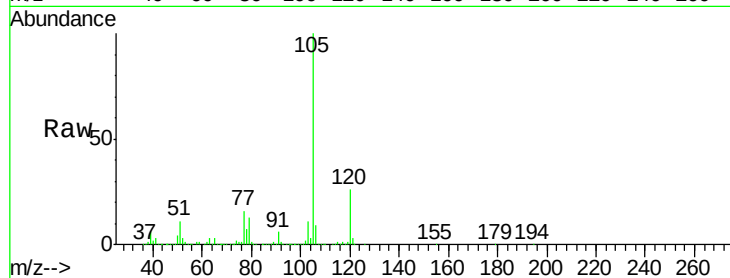
VSTDCCC050EC

Tot Ion:105 Resp: 782528

Ion Ratio Lower Upper

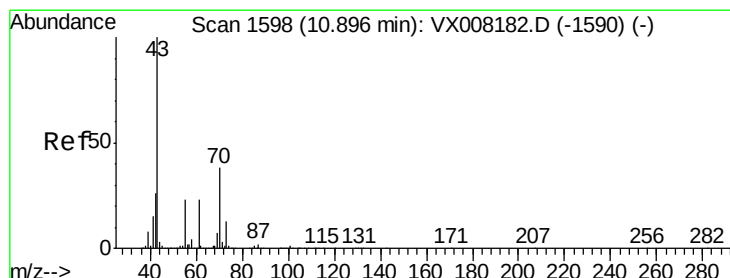
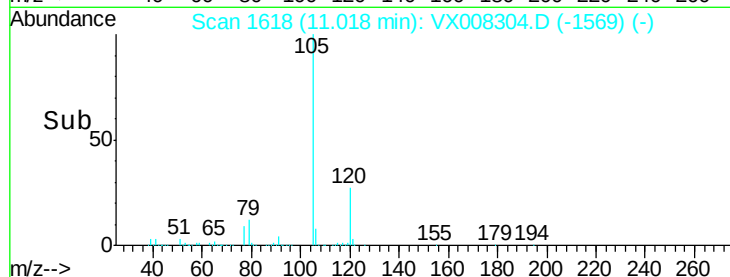
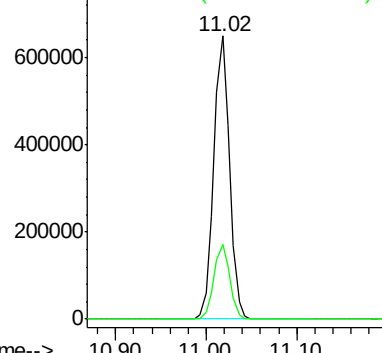
105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.452 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Tgt Ion: 43 Resp: 400653

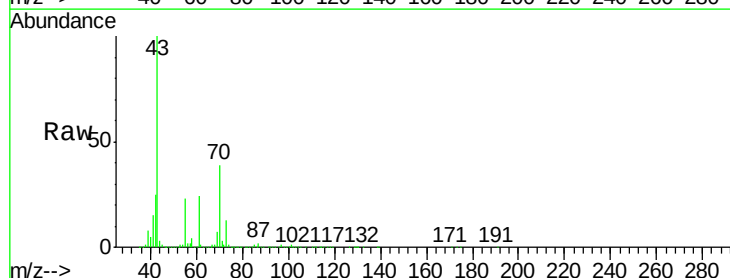
Ion Ratio Lower Upper

43 100

70 39.2 33.5 50.3

55 23.3 19.2 28.8

61 23.4 19.0 28.6

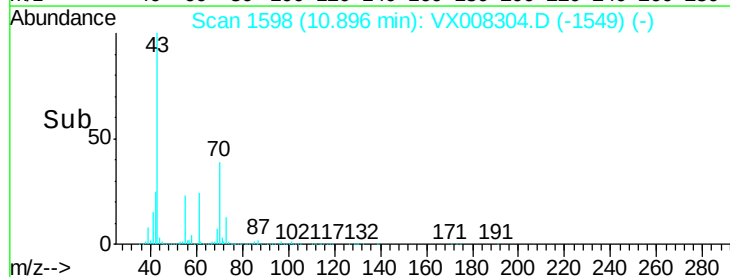
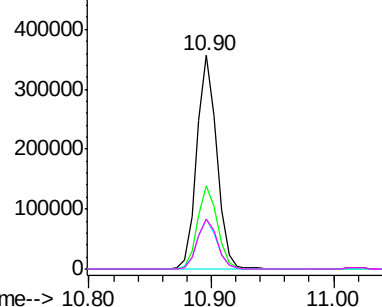


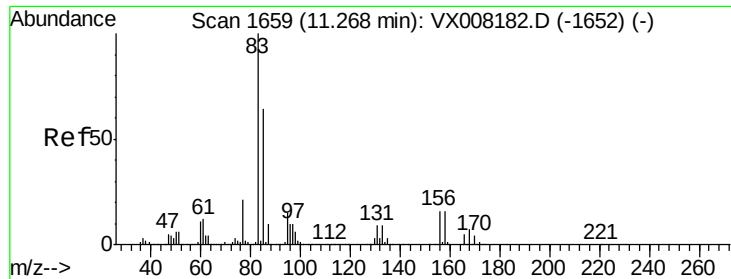
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.126 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

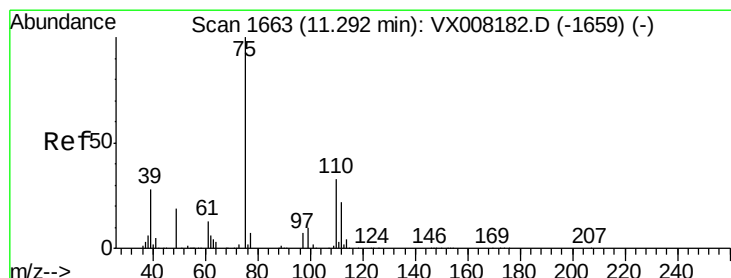
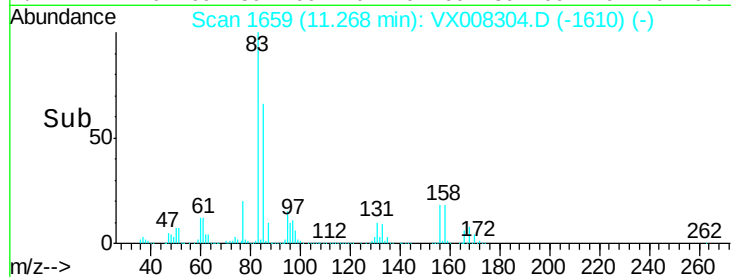
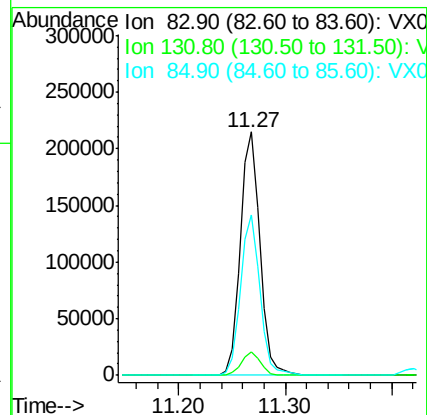
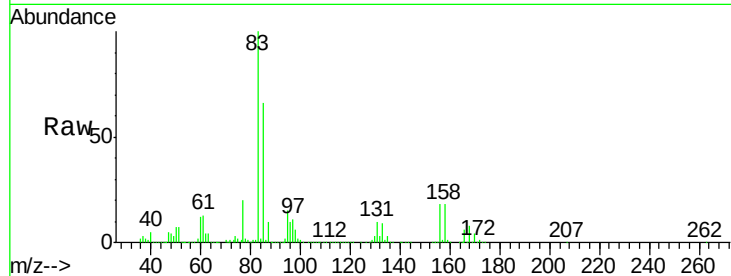
Tot Ion: 83 Resp: 277797

Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.4	16.2
85	65.3	32.3	96.8

83 100

131 9.5 5.4 16.2

85 65.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 69.713 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008304.D

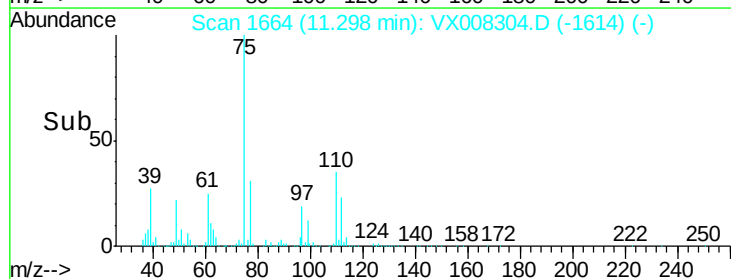
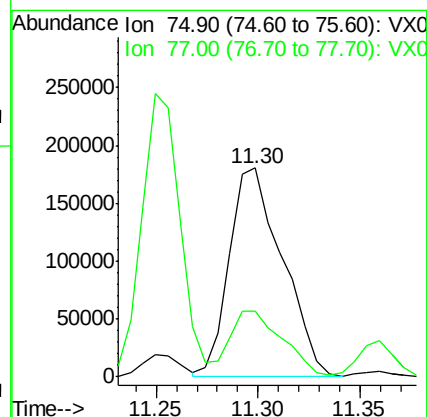
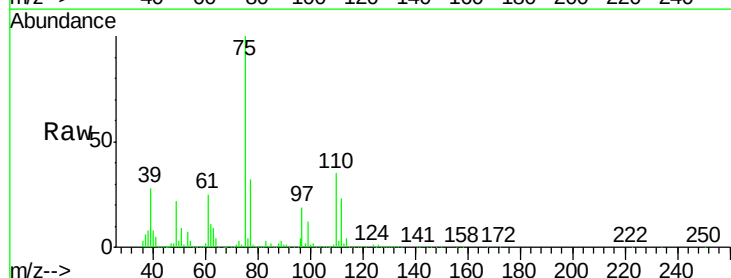
Acq: 21 Mar 2019 20:47

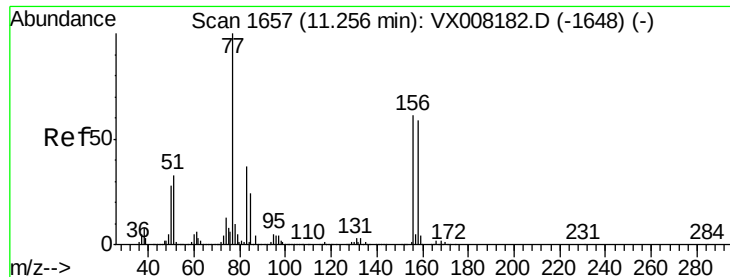
Tgt Ion: 75 Resp: 326939

Ion	Ratio	Lower	Upper
75	100		
77	31.7	18.9	56.7

75 100

77 31.7 18.9 56.7





#77

Bromobenzene

Concen: 53.371 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

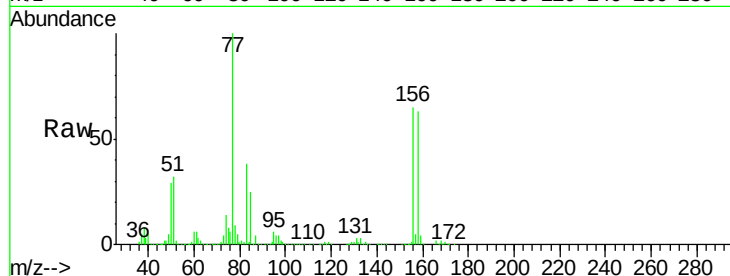
Tot Ion:156 Resp: 191788

Ion Ratio Lower Upper

156 100

77 165.5 72.0 215.9

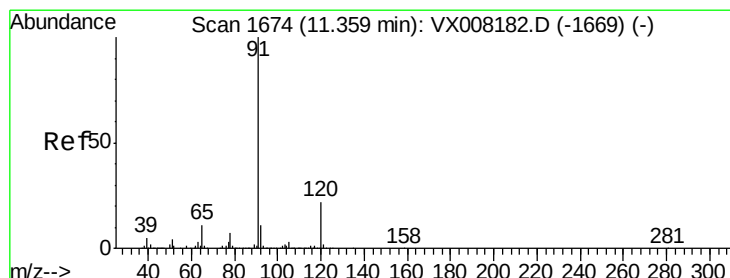
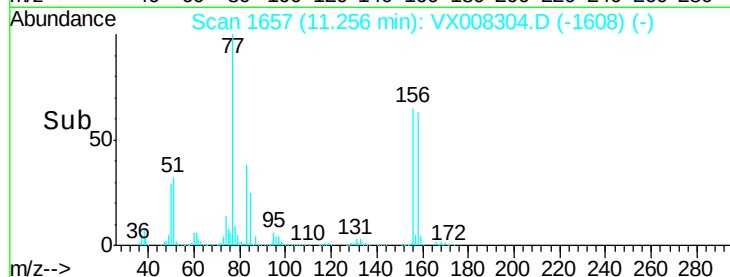
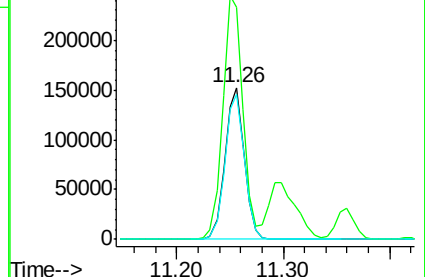
158 96.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.284 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008304.D

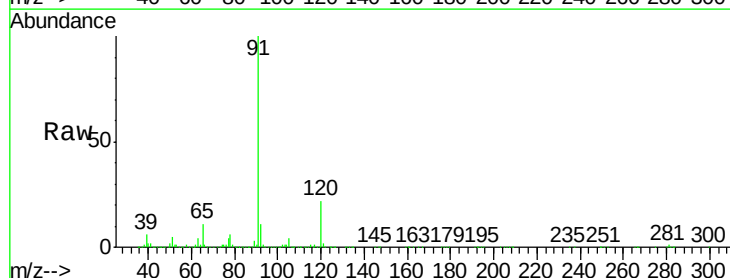
Acq: 21 Mar 2019 20:47

Tgt Ion: 91 Resp: 919803

Ion Ratio Lower Upper

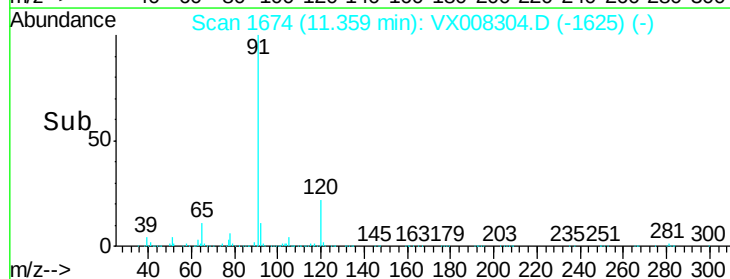
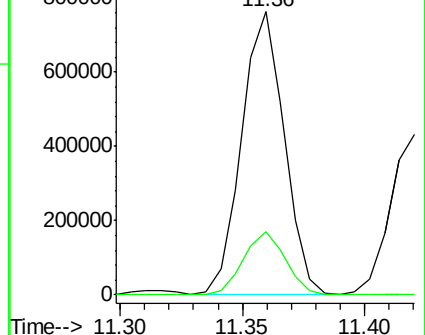
91 100

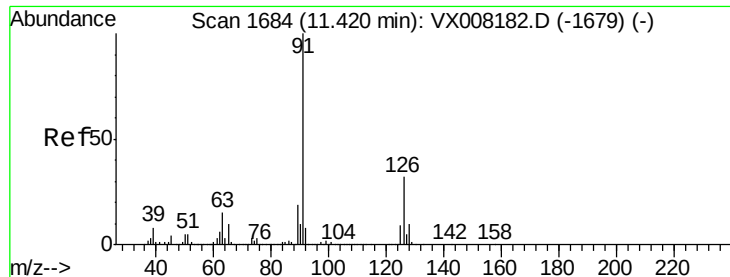
120 22.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

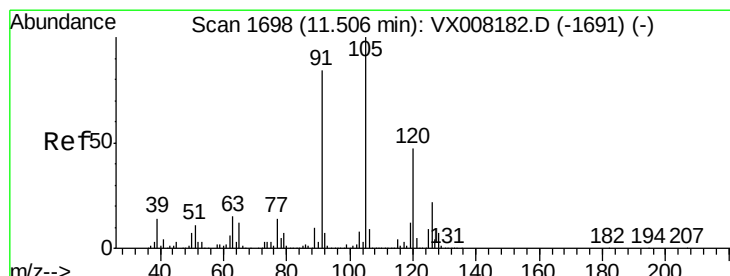
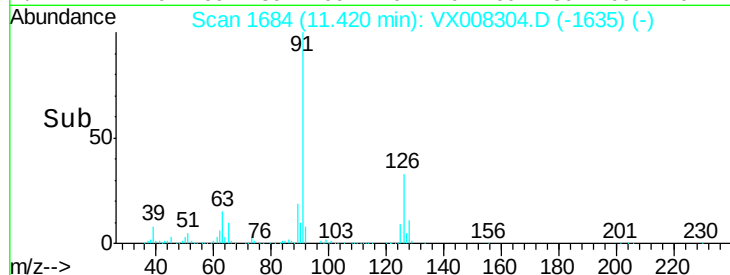
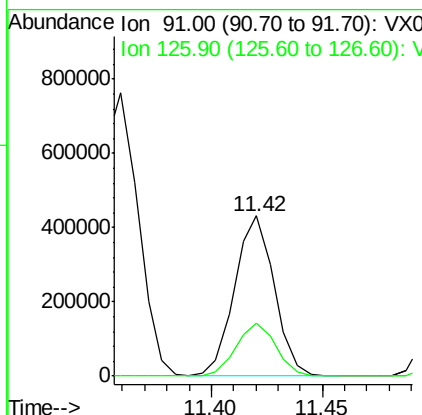
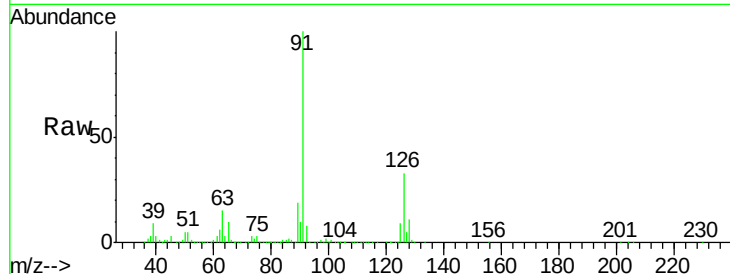




#79
 2-Chlorotoluene
 Concen: 51.589 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

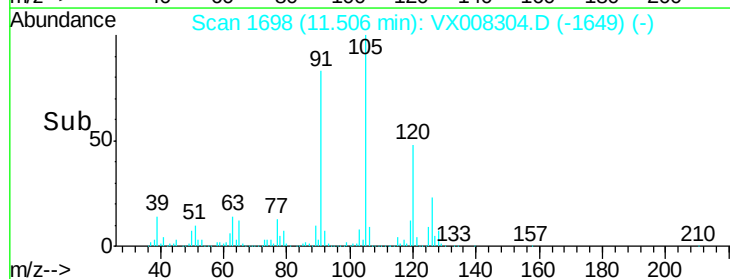
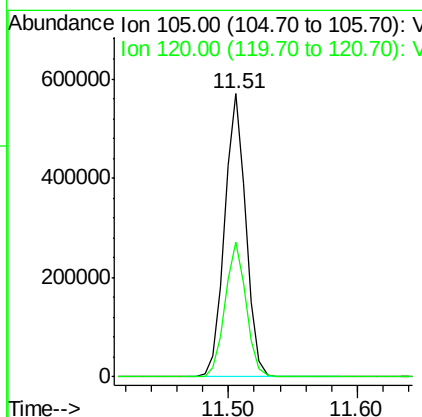
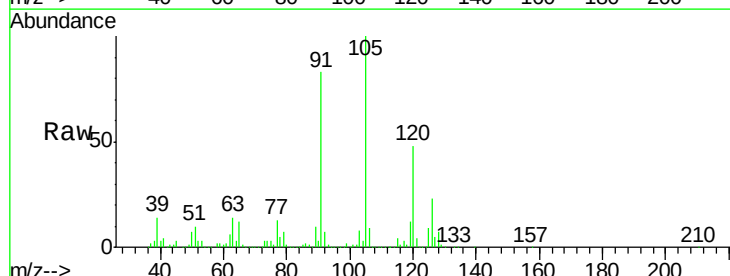
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

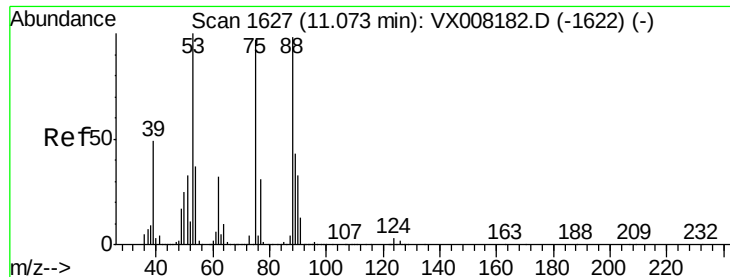
Tot Ion: 91 Resp: 534505
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 53.734 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion: 105 Resp: 659796
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.201 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

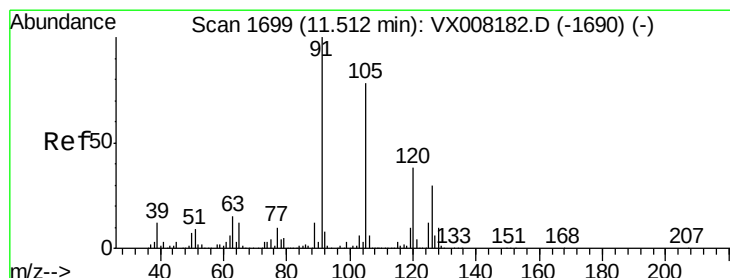
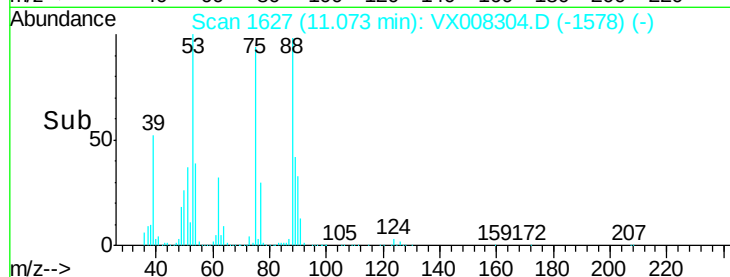
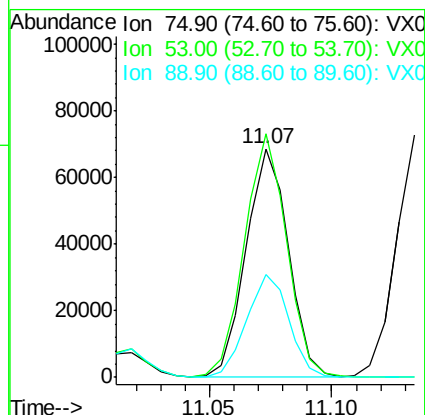
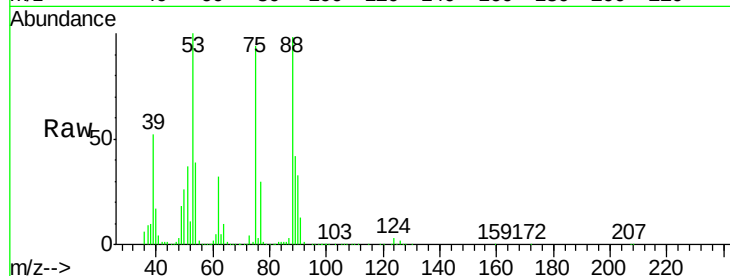
Tot Ion: 75 Resp: 82893

Ion Ratio Lower Upper

75 100

53 105.7 76.1 114.1

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 51.973 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008304.D

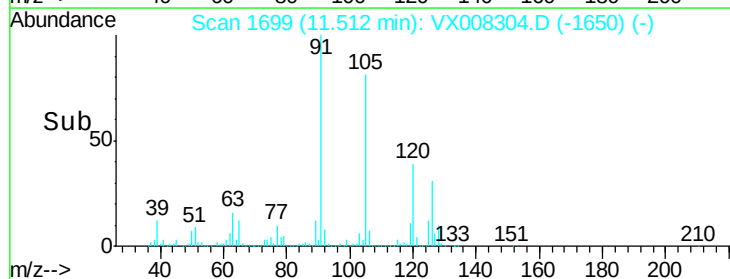
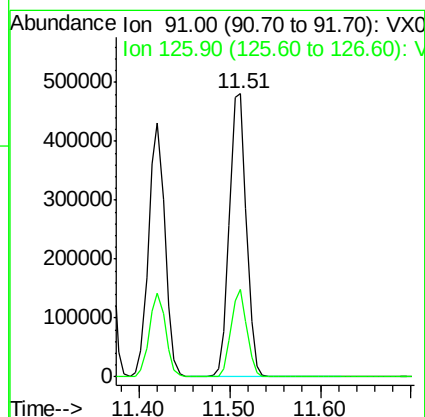
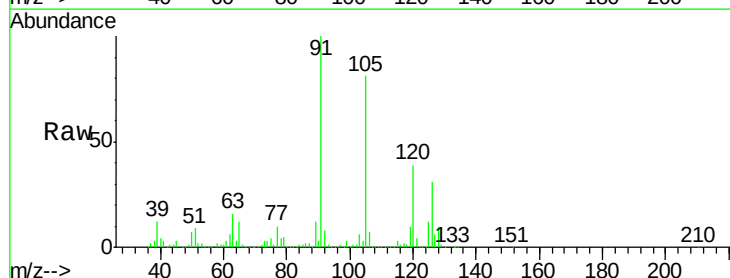
Acq: 21 Mar 2019 20:47

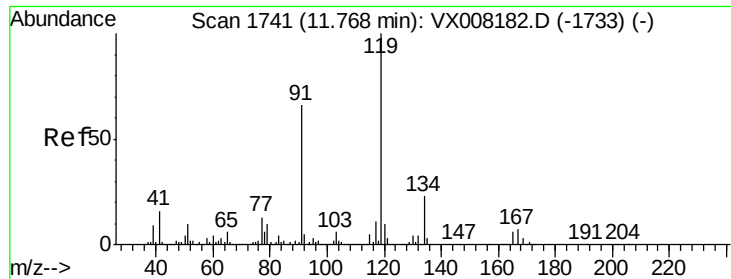
Tgt Ion: 91 Resp: 626617

Ion Ratio Lower Upper

91 100

126 28.9 15.6 46.8





#83

tert-Butylbenzene

Concen: 54.437 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

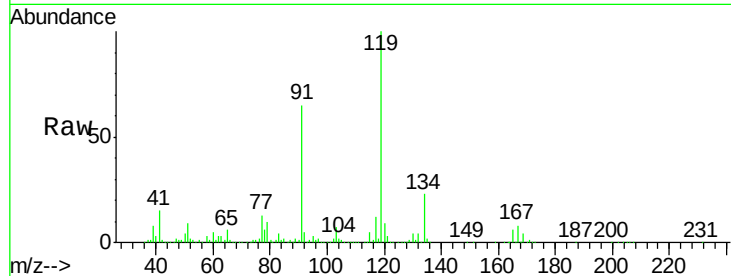
Tot Ion:119 Resp: 638164

Ion Ratio Lower Upper

119 100

91 60.6 27.1 81.3

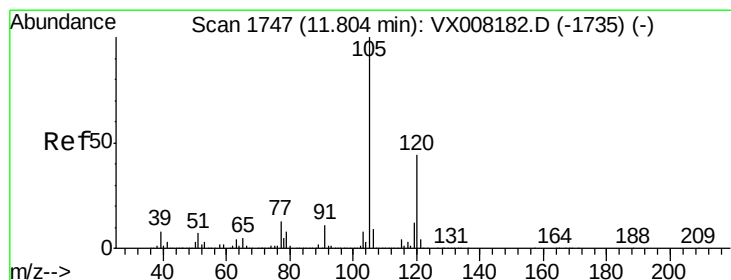
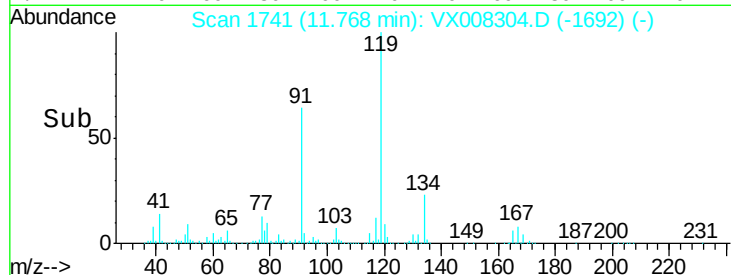
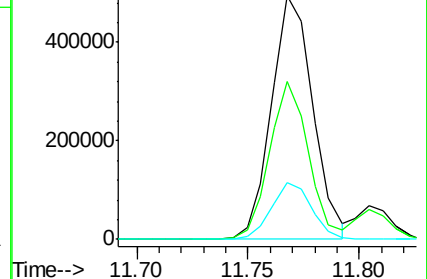
134 22.6 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.879 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008304.D

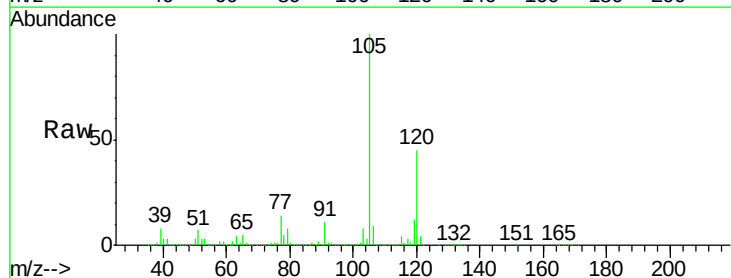
Acq: 21 Mar 2019 20:47

Tgt Ion:105 Resp: 670691

Ion Ratio Lower Upper

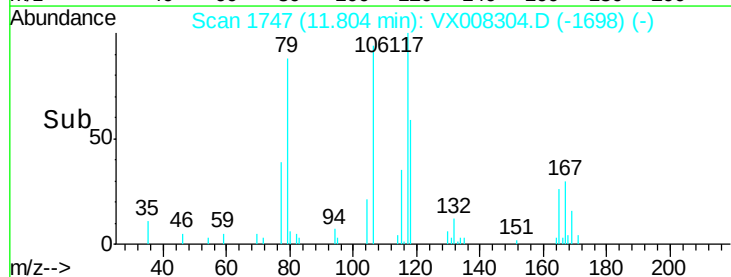
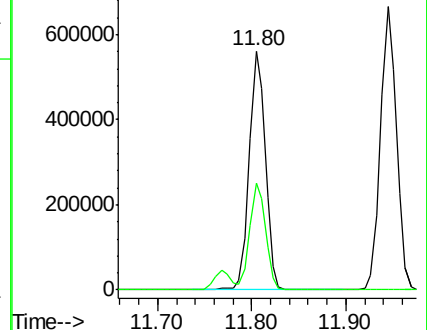
105 100

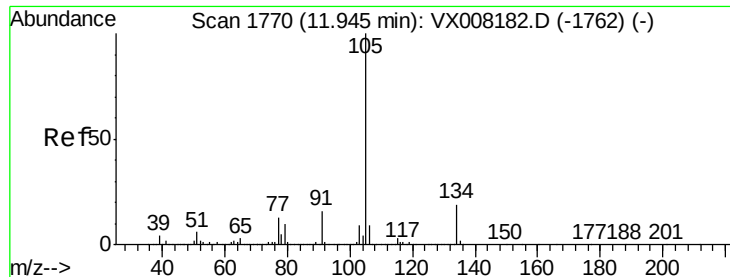
120 43.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.049 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

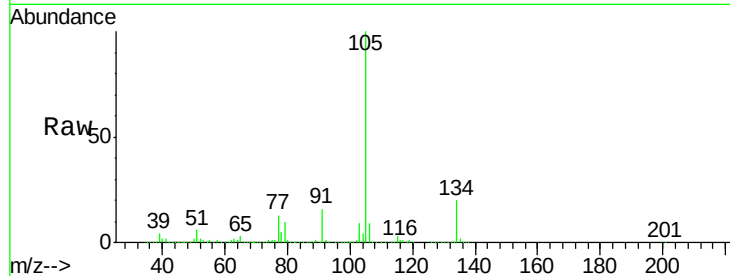
VSTDCCC050EC

Tot Ion:105 Resp: 784658

Ion Ratio Lower Upper

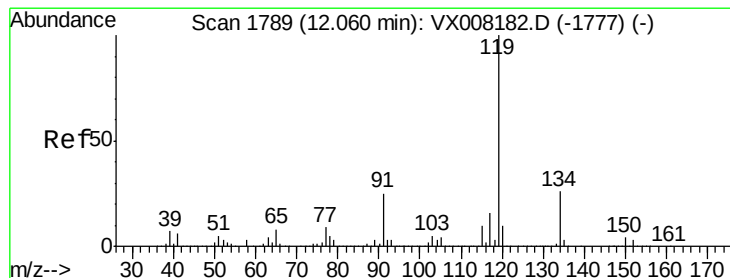
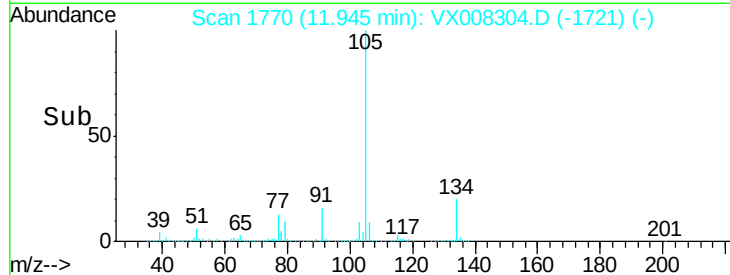
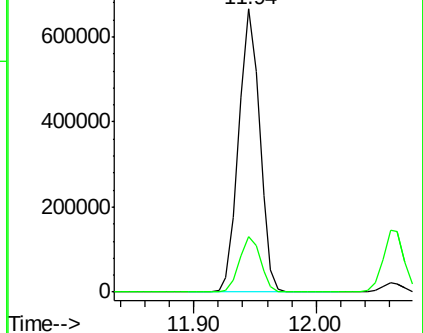
105 100

134 19.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.259 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

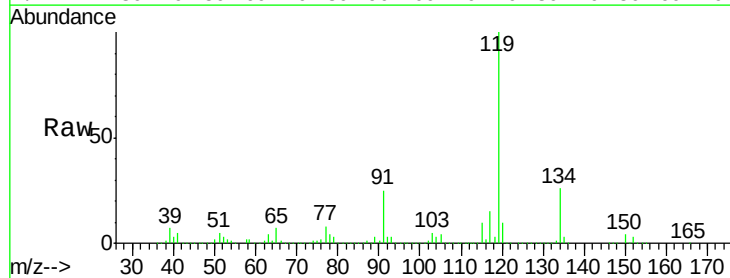
Tgt Ion:119 Resp: 681844

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

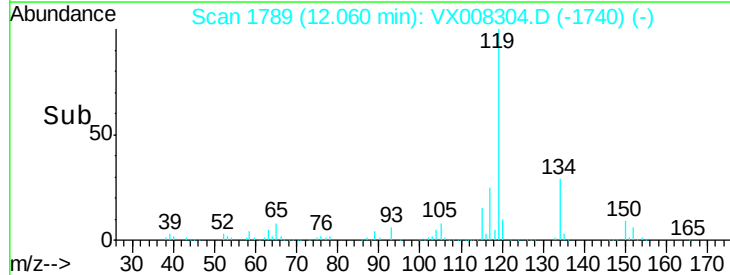
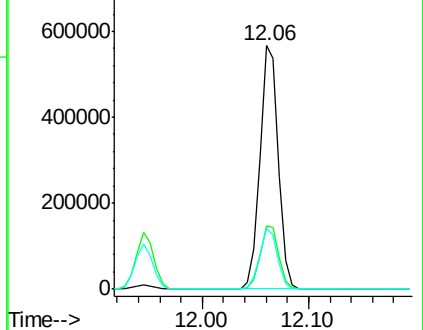
91 24.5 10.9 32.7

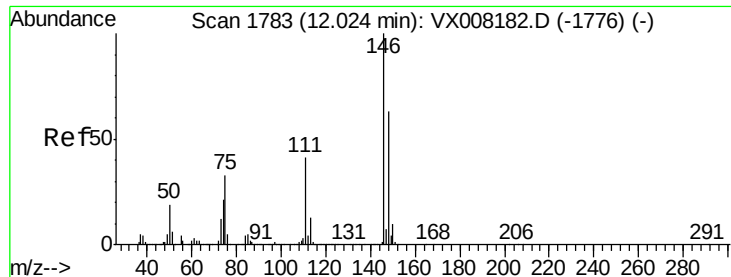


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.794 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

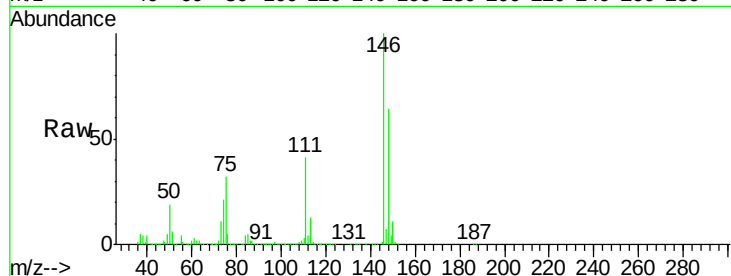
Tot Ion:146 Resp: 339047

Ion Ratio Lower Upper

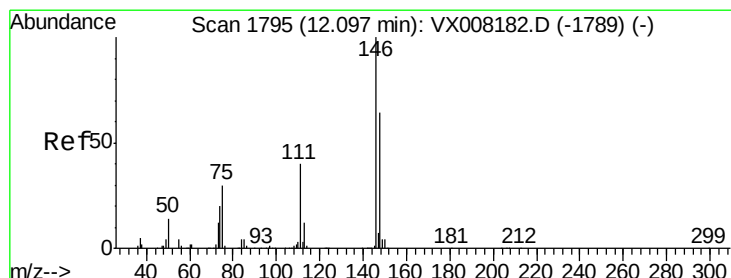
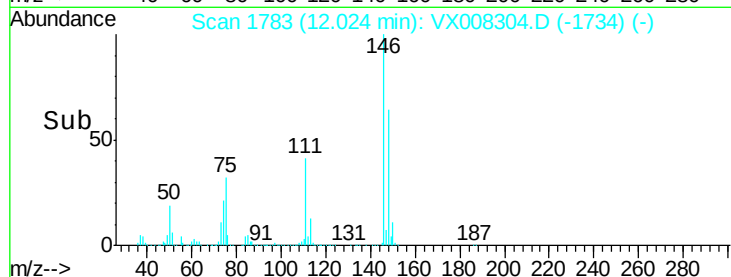
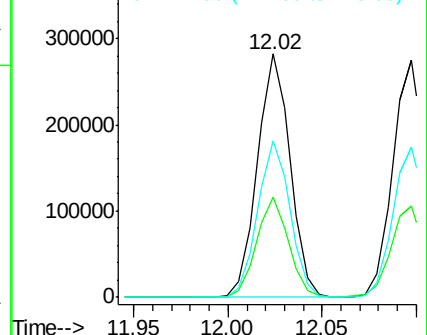
146 100

111 40.2 18.9 56.7

148 63.8 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 51.068 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

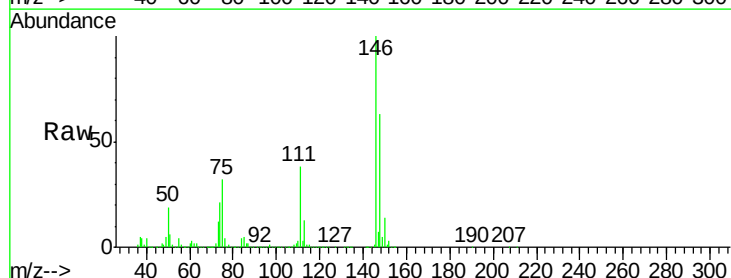
Tgt Ion:146 Resp: 339233

Ion Ratio Lower Upper

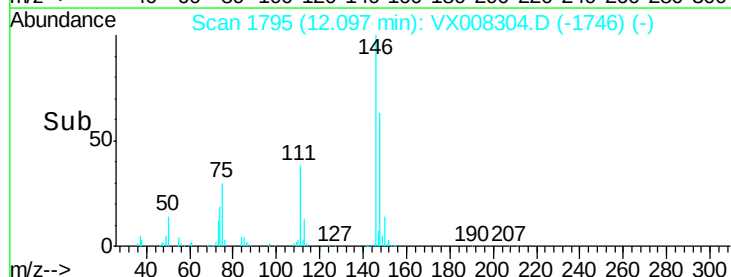
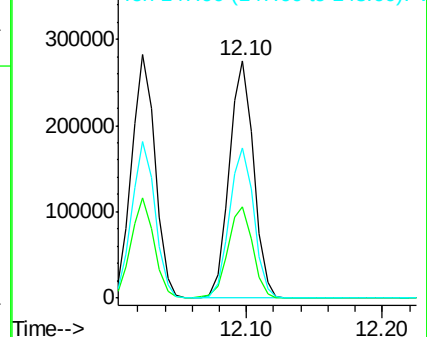
146 100

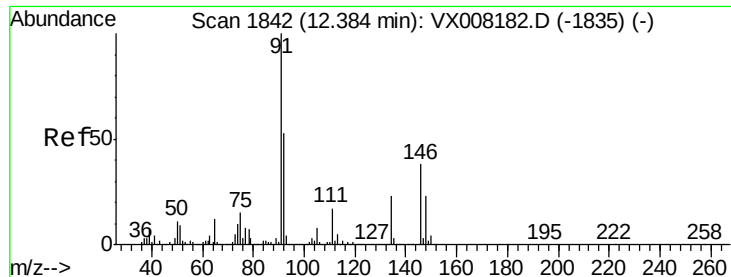
111 39.1 18.4 55.0

148 63.8 32.2 96.6



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

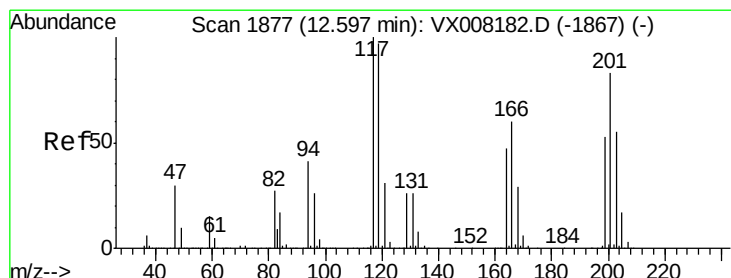
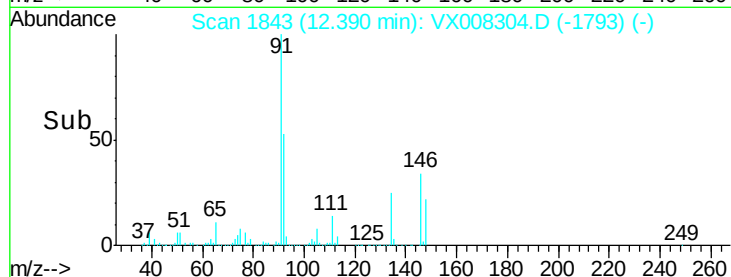
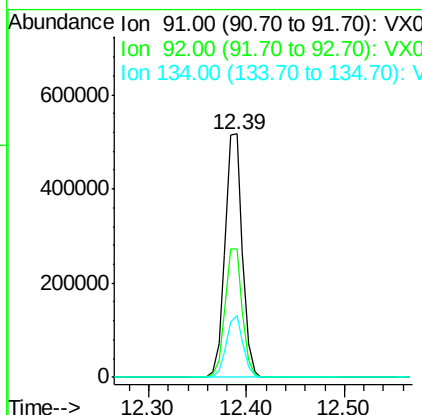
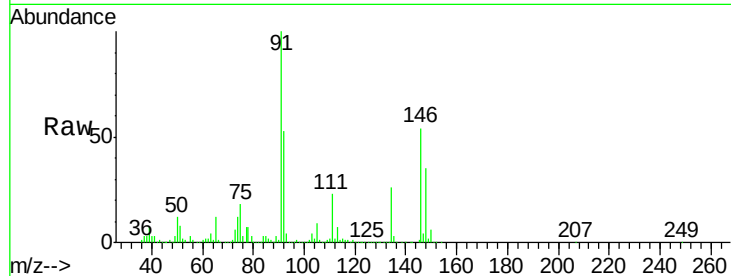




#89
n-Butylbenzene
Concen: 53.600 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

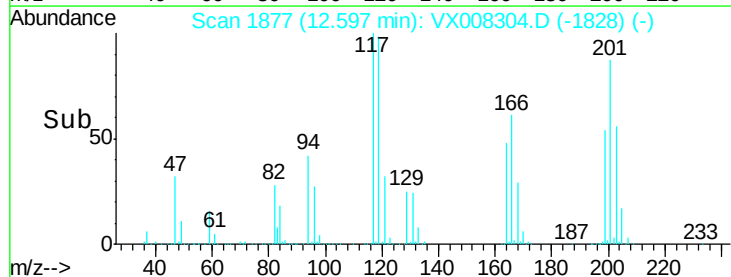
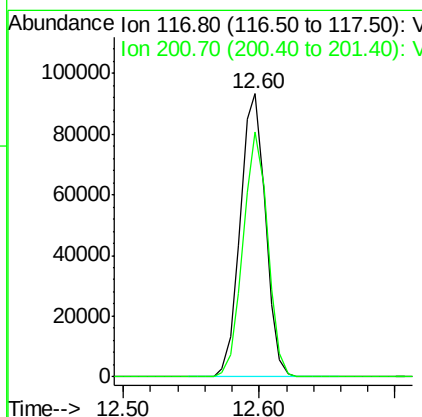
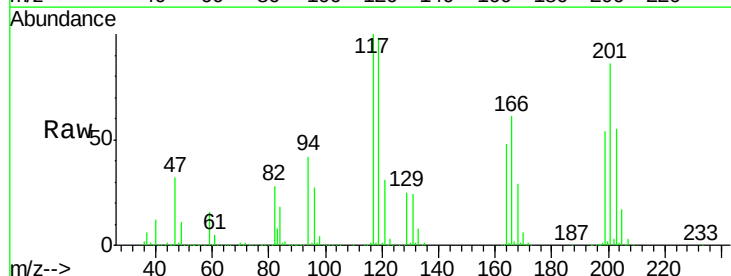
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

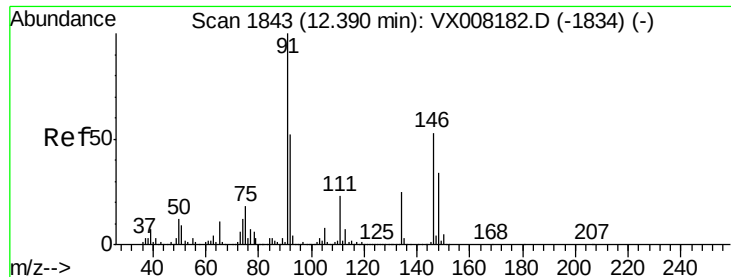
Tot Ion: 91 Resp: 632183
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 24.5 13.7 41.0



#90
Hexachloroethane
Concen: 56.375 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008304.D
Acq: 21 Mar 2019 20:47

Tgt Ion: 117 Resp: 120652
Ion Ratio Lower Upper
117 100
201 84.6 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 53.169 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

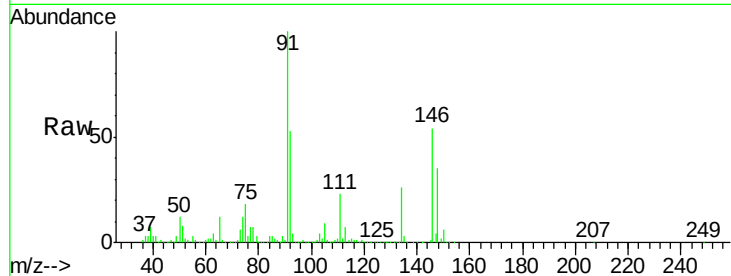
Tot Ion:146 Resp: 344284

Ion Ratio Lower Upper

146 100

111 41.9 19.6 58.8

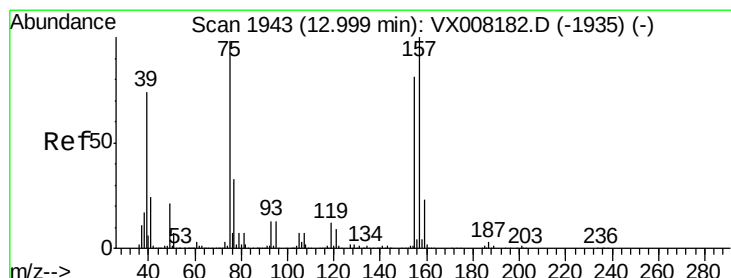
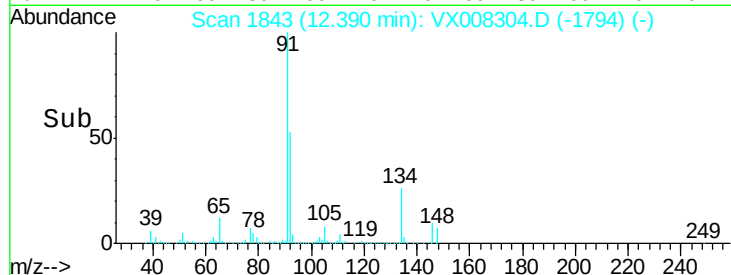
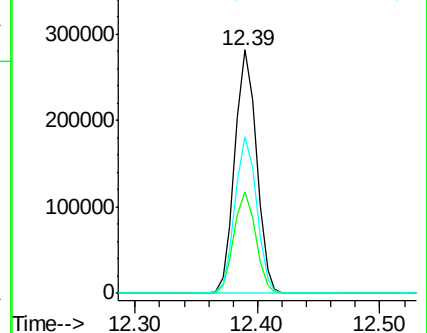
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.462 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

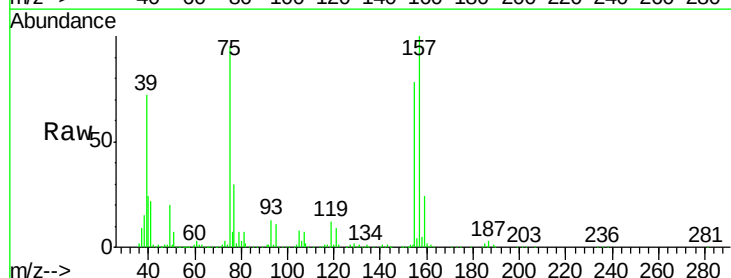
Tgt Ion: 75 Resp: 64467

Ion Ratio Lower Upper

75 100

155 81.3 49.7 149.1

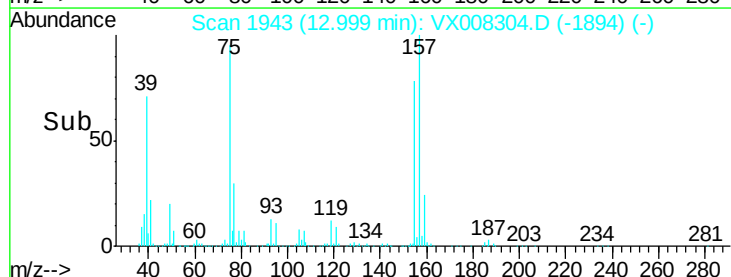
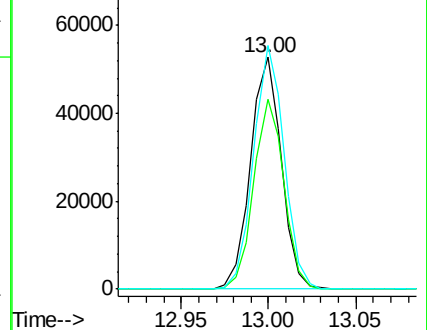
157 105.1 63.8 191.4

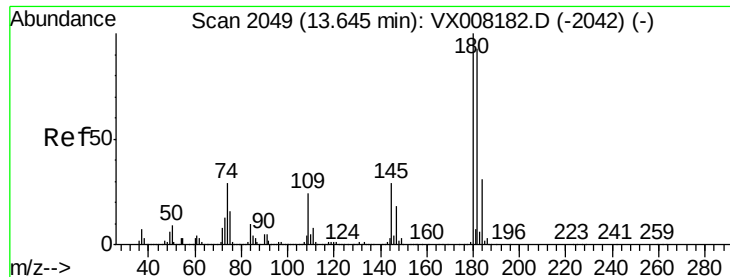


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

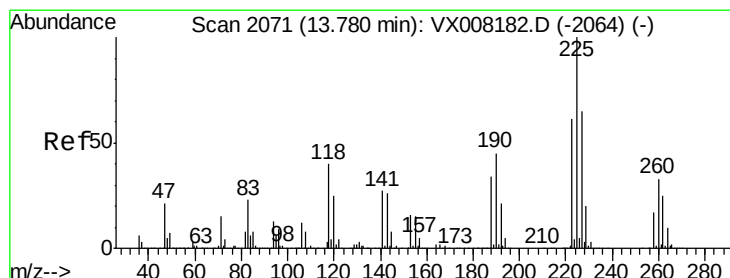
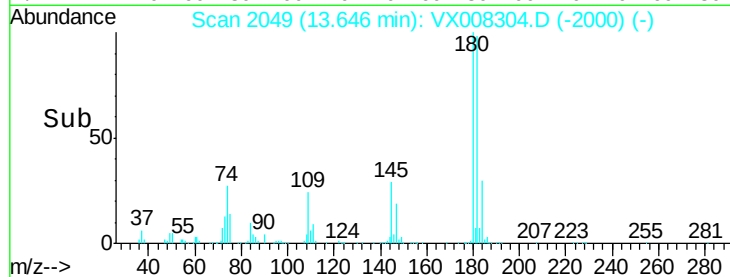
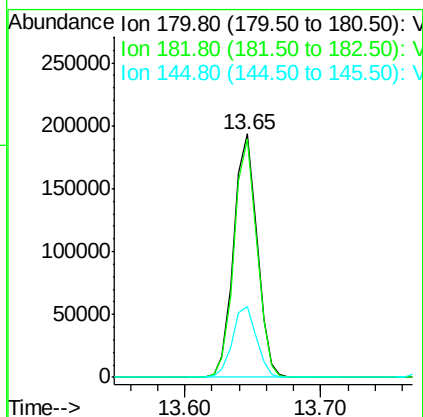
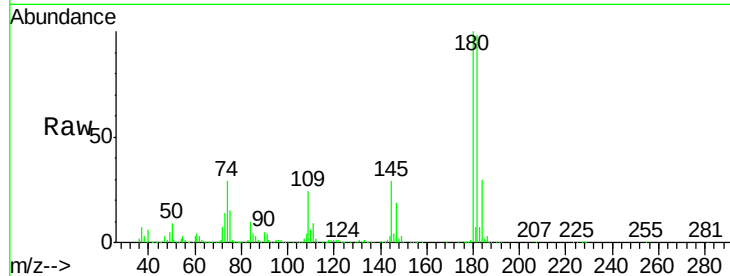




#93
 1,2,4-Trichlorobenzene
 Concen: 54.411 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

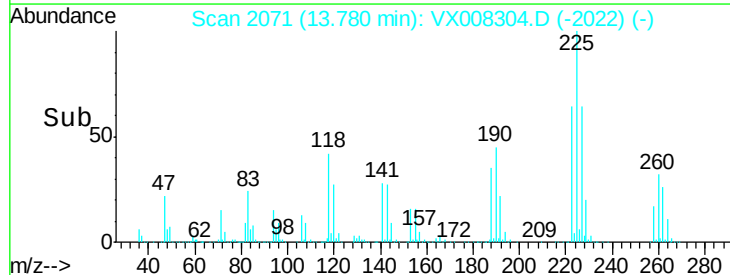
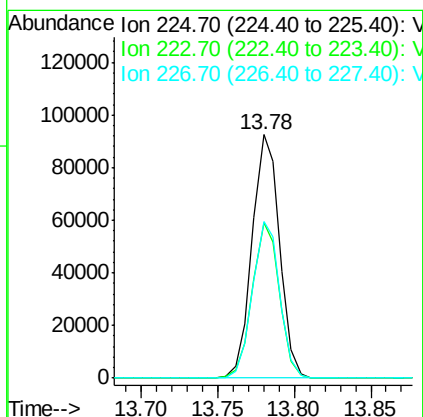
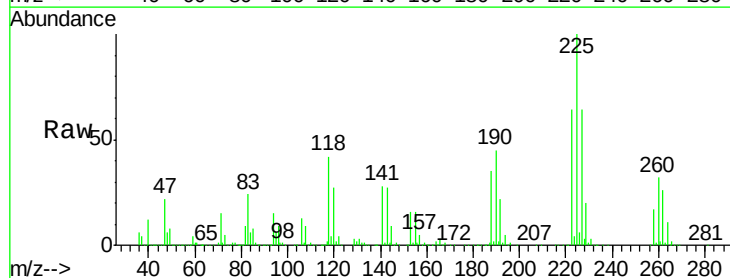
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

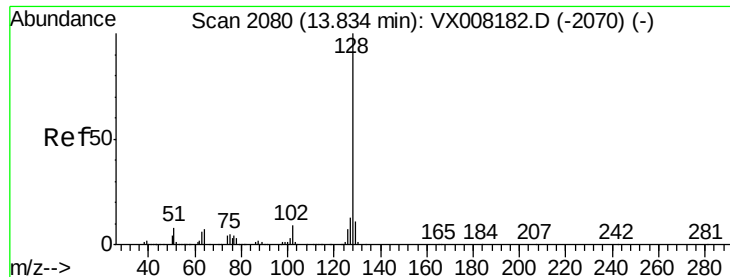
Tot Ion:180 Resp: 232076
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.7
 145 29.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.473 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008304.D
 Acq: 21 Mar 2019 20:47

Tgt Ion:225 Resp: 115394
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 63.5 32.0 96.0





#95

Naphthalene

Concen: 57.031 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

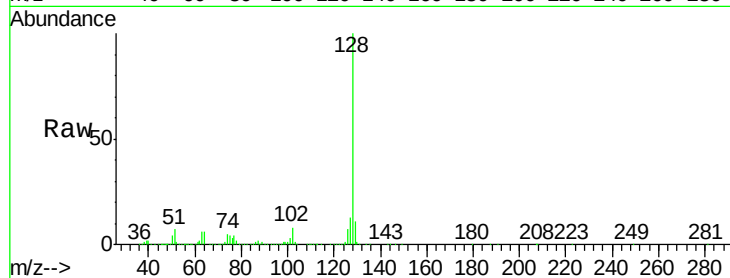
Tot Ion:128 Resp: 767748

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

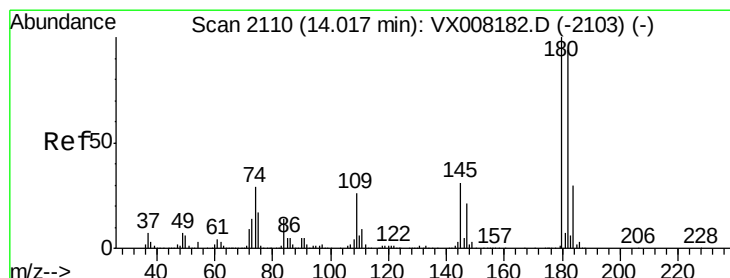
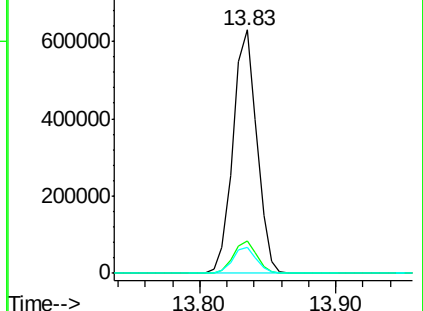
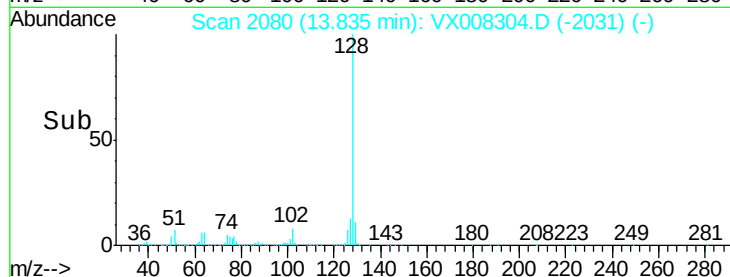
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.798 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

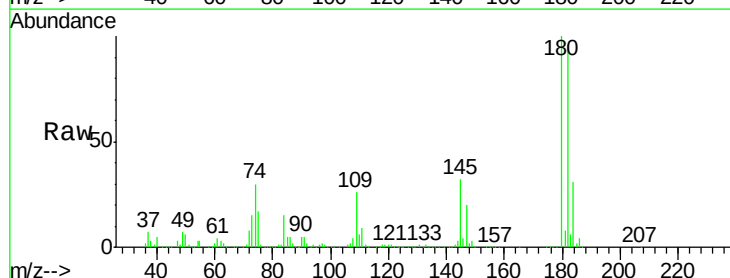
Tgt Ion:180 Resp: 234176

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.5

145 31.4 14.8 44.3



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

