

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008228.D
 Acq On : 20 Mar 2019 07:46
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 20 08:42:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197467	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	202883	47.96	ug/l	0.00
Spiked Amount						
			Recovery	=	95.92%	
35) Dibromofluoromethane	5.50	113	153455	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	573456	47.18	ug/l	0.00
Spiked Amount						
			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	202916	48.49	ug/l	0.00
Spiked Amount						
			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	165256	48.530	ug/l	99
3) Chloromethane	1.33	50	200078	46.825	ug/l	100
4) Vinyl Chloride	1.41	62	205860	48.321	ug/l	100
5) Bromomethane	1.64	94	178431	49.168	ug/l	98
6) Chloroethane	1.72	64	128708	48.184	ug/l	99
7) Trichlorofluoromethane	1.93	101	244613	44.991	ug/l	98
8) Diethyl Ether	2.19	74	151251	54.071	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	162720	45.077	ug/l	91
10) Methyl Iodide	2.51	142	249547	54.293	ug/l	96
11) Tert butyl alcohol	3.05	59	241683	266.885	ug/l	99
12) 1,1-Dichloroethene	2.37	96	175172	51.401	ug/l	92
13) Acrolein	2.29	56	138419	215.648	ug/l	100
14) Allyl chloride	2.73	41	378846	51.067	ug/l	94
15) Acrylonitrile	3.15	53	645624	269.544	ug/l	99
16) Acetone	2.45	43	562231	234.342	ug/l	98
17) Carbon Disulfide	2.57	76	539536	48.522	ug/l	100
18) Methyl Acetate	2.78	43	314478	56.618	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	670065	54.379	ug/l	99
20) Methylene Chloride	2.86	84	208482	52.112	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	187538	50.939	ug/l	95
22) Diisopropyl ether	3.86	45	777795	53.532	ug/l	92
23) Vinyl Acetate	3.82	43	3397721	272.759	ug/l	98
24) 1,1-Dichloroethane	3.70	63	395533	52.929	ug/l	99
25) 2-Butanone	4.68	43	932453	263.291	ug/l	97
26) 2,2-Dichloropropane	4.59	77	189574	33.675	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	219715	52.350	ug/l	95
28) Bromochloromethane	5.02	49	165819	49.416	ug/l	84
29) Tetrahydrofuran	5.13	42	613226	276.986	ug/l	97
30) Chloroform	5.21	83	368955	52.782	ug/l	99
31) Cyclohexane	5.58	56	330753	47.134	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	302565	52.033	ug/l	97
36) 1,1-Dichloropropene	5.80	75	272247	48.831	ug/l	97
37) Ethyl Acetate	4.84	43	359078	54.483	ug/l	98
38) Carbon Tetrachloride	5.79	117	249587	50.243	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	286737	42.737	ug/l	94
40) Benzene	6.15	78	847635	51.367	ug/l	100
41) Methacrylonitrile	5.04	41	201072	54.390	ug/l	97
42) 1,2-Dichloroethane	6.20	62	309352	51.174	ug/l	96
43) Isopropyl Acetate	6.45	43	575385	54.467	ug/l	98
44) Trichloroethene	7.21	130	201822	50.020	ug/l	91
45) 1,2-Dichloropropane	7.51	63	238317	51.590	ug/l	100
46) Dibromomethane	7.66	93	144753	51.754	ug/l	87
47) Bromodichloromethane	7.90	83	282759	53.047	ug/l	99
48) Methyl methacrylate	7.77	41	300693	53.533	ug/l	94
49) 1,4-Dioxane	7.74	88	100590	1014.816	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1841295	269.608	ug/l	98
52) Toluene	8.79	92	496738	50.740	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	304186	45.694	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	333930	50.479	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	211754	53.535	ug/l	98
56) Ethyl methacrylate	9.18	69	353770	50.980	ug/l	93
57) 1,3-Dichloropropane	9.37	76	371755	53.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	810749	250.170	ug/l	95
59) 2-Hexanone	9.49	43	1382815	262.998	ug/l	96
60) Dibromochloromethane	9.59	129	209873	55.210	ug/l	99
61) 1,2-Dibromoethane	9.67	107	219351	53.110	ug/l	99
64) Tetrachloroethene	9.34	164	197071	50.611	ug/l	96
65) Chlorobenzene	10.14	112	526477	49.574	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	193406	52.233	ug/l	99
67) Ethyl Benzene	10.25	91	936037	50.016	ug/l	97
68) m/p-Xylenes	10.36	106	687273	99.973	ug/l	94
69) o-Xylene	10.70	106	340602	50.988	ug/l	96
70) Styrene	10.71	104	558984	51.490	ug/l	96
71) Bromoform	10.85	173	152019	47.753	ug/l #	99
73) Isopropylbenzene	11.02	105	883737	50.208	ug/l	99
74) N-amyl acetate	10.90	43	486403	52.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315727	50.024	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	377455	67.961	ug/l	91
77) Bromobenzene	11.26	156	218664	51.382	ug/l	86
78) n-propylbenzene	11.36	91	1017195	49.757	ug/l	96
79) 2-Chlorotoluene	11.42	91	609031	49.635	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	734218	50.491	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	91912	42.412	ug/l	94
82) 4-Chlorotoluene	11.51	91	709996	49.725	ug/l	96
83) tert-Butylbenzene	11.77	119	680861	49.042	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	751284	50.963	ug/l	98
85) sec-Butylbenzene	11.94	105	847299	49.283	ug/l	96
86) p-Isopropyltoluene	12.06	119	738052	49.594	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	384599	50.569	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	382100	48.571	ug/l	98
89) n-Butylbenzene	12.39	91	661158	47.334	ug/l	97
90) Hexachloroethane	12.60	117	130396	51.447	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	382301	49.853	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71126	50.738	ug/l	79

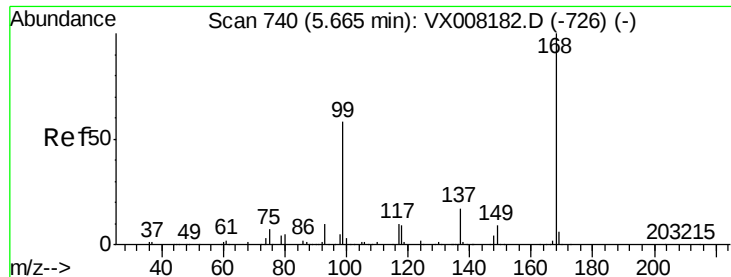
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252693	50.027	ug/l	99
94) Hexachlorobutadiene	13.78	225	115398	46.843	ug/l	99
95) Naphthalene	13.83	128	848603	53.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256707	51.649	ug/l	99

(#) = 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: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

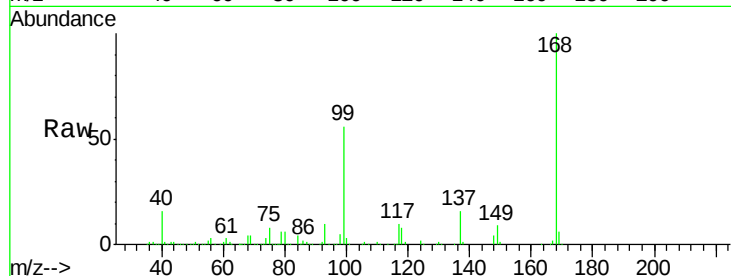
VSTDCCC050EC

Tot Ion:168 Resp: 280870

Ion Ratio Lower Upper

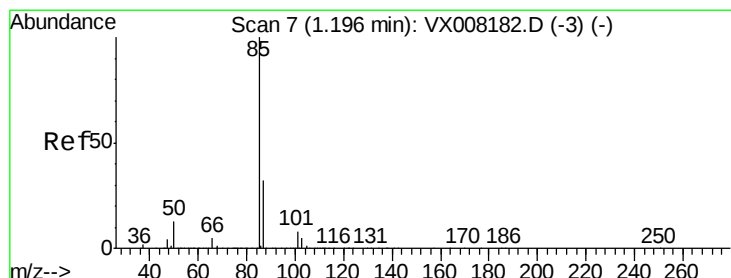
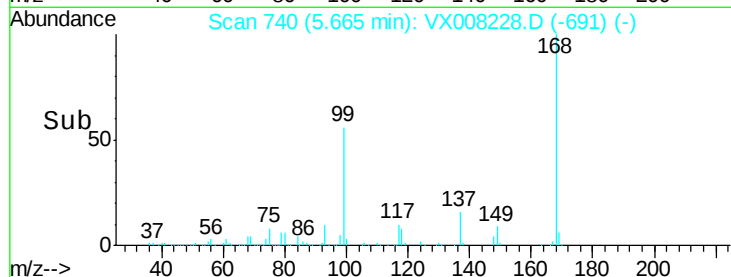
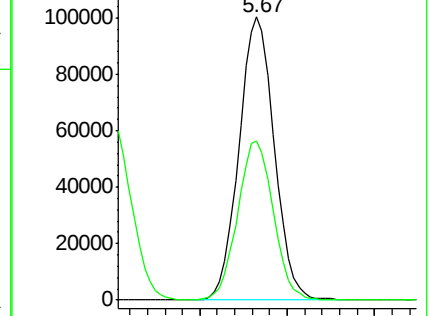
168 100

99 55.9 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: 48.530 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008228.D

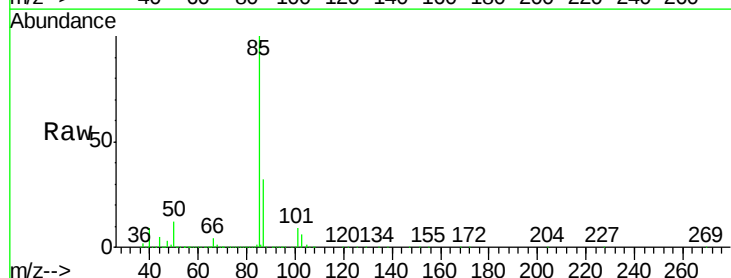
Acq: 20 Mar 2019 07:46

Tgt Ion: 85 Resp: 165256

Ion Ratio Lower Upper

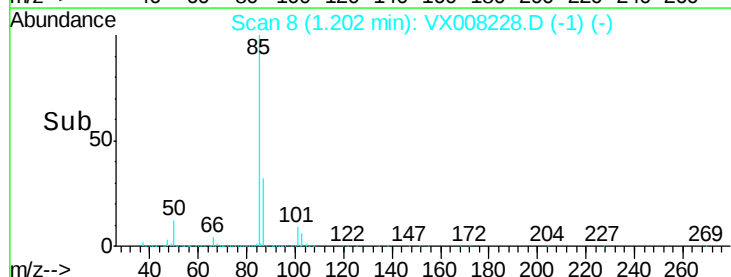
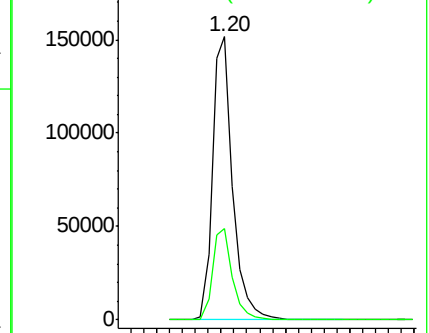
85 100

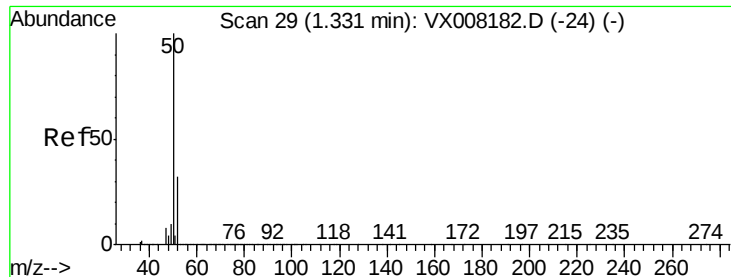
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.825 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

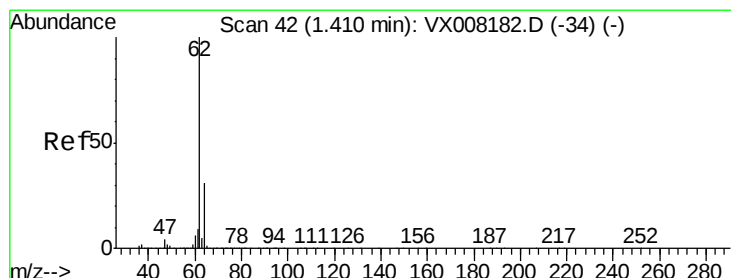
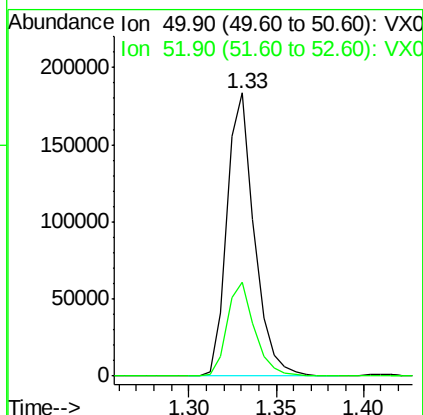
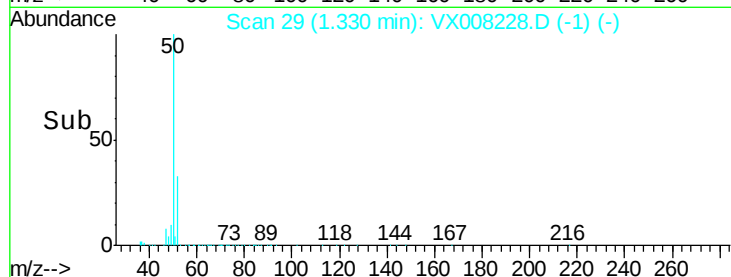
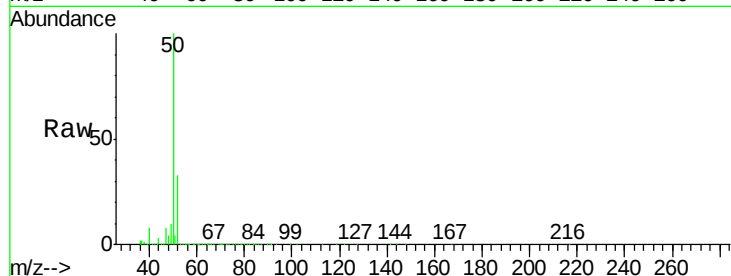
VSTDCCC050EC

Tot Ion: 50 Resp: 200078

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 48.321 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008228.D

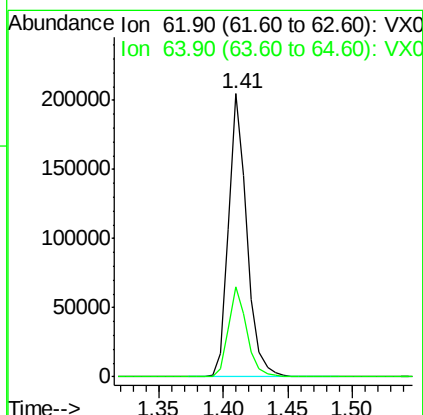
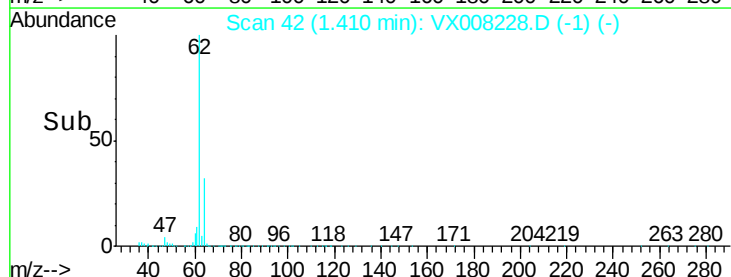
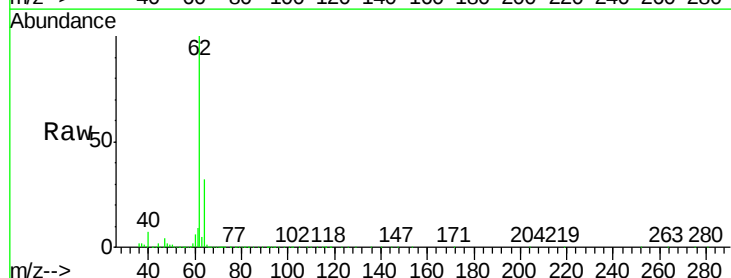
Acq: 20 Mar 2019 07:46

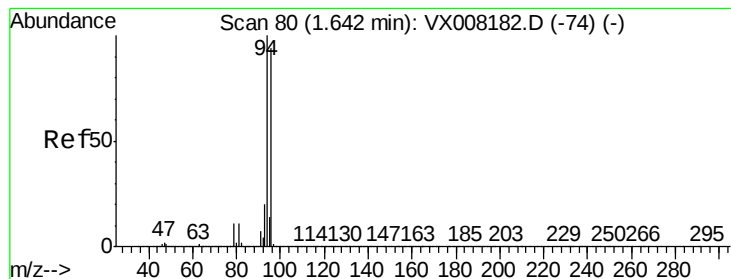
Tgt Ion: 62 Resp: 205860

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 49.168 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

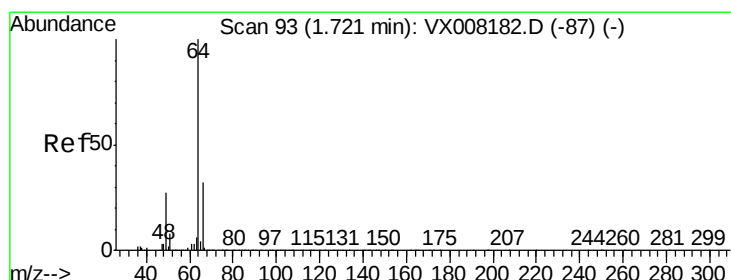
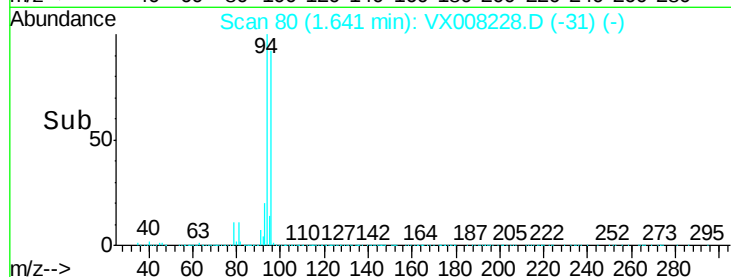
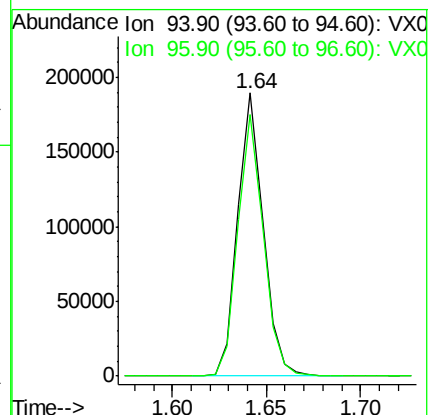
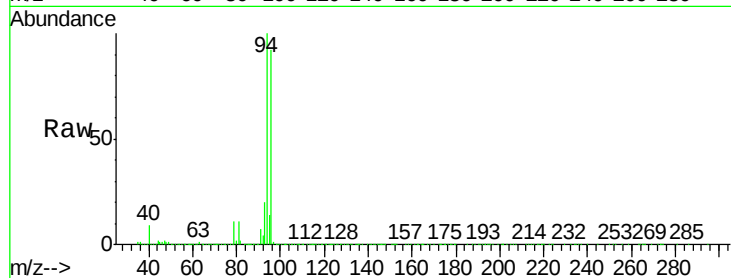
VSTDCCC050EC

Tot Ion: 94 Resp: 178431

Ion Ratio Lower Upper

94 100

96 92.4 75.5 113.3



#6

Chloroethane

Concen: 48.184 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008228.D

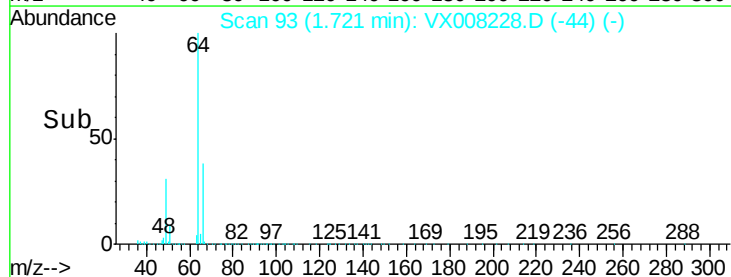
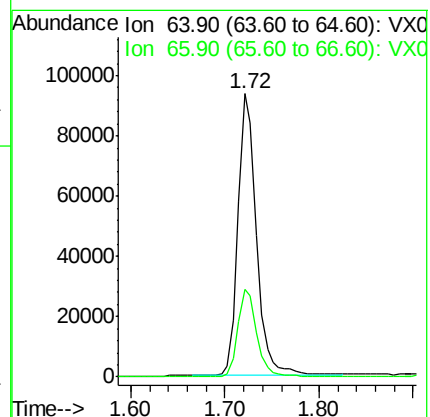
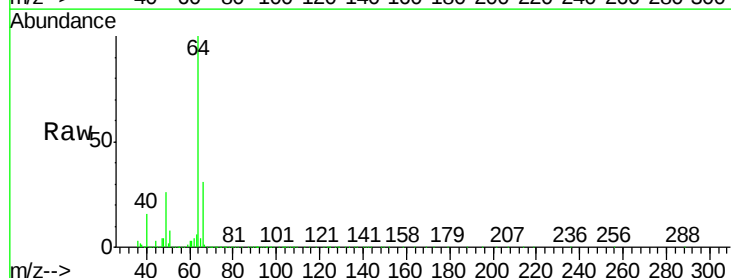
Acq: 20 Mar 2019 07:46

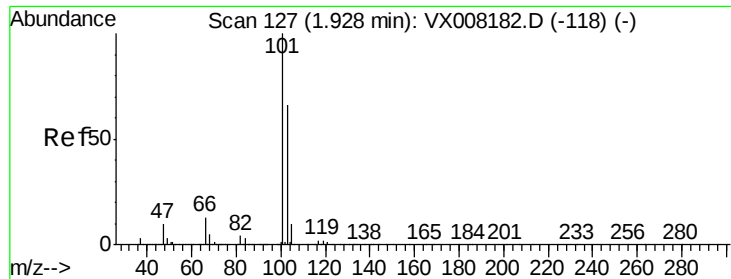
Tgt Ion: 64 Resp: 128708

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



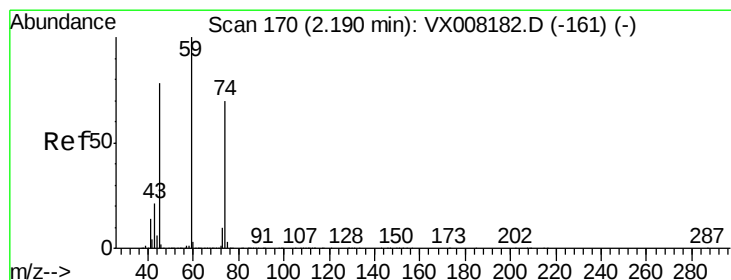
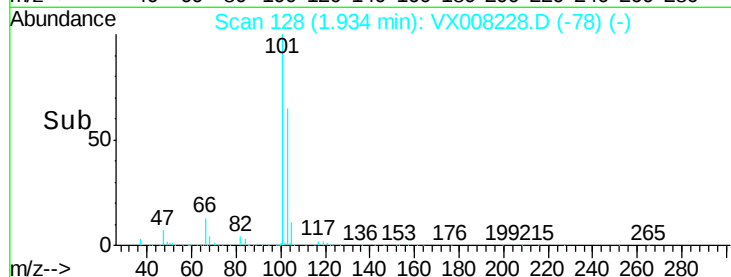
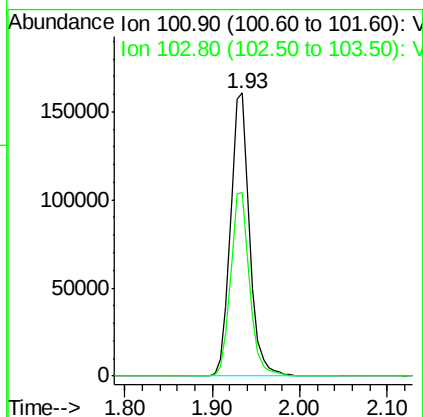
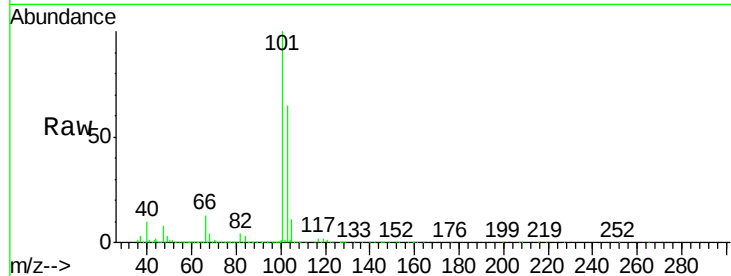


#7

Trichlorofluoromethane
Concen: 44.991 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
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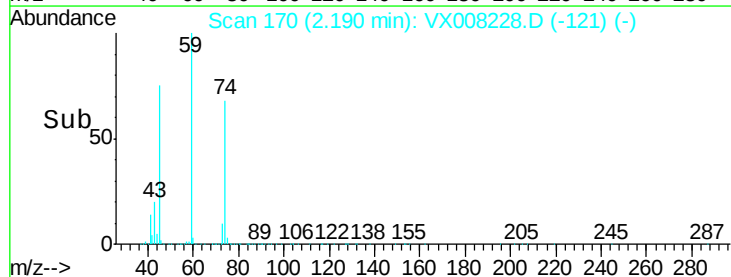
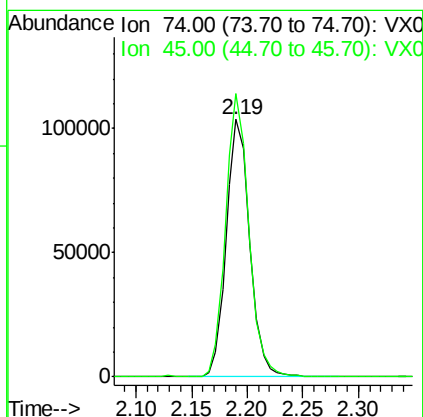
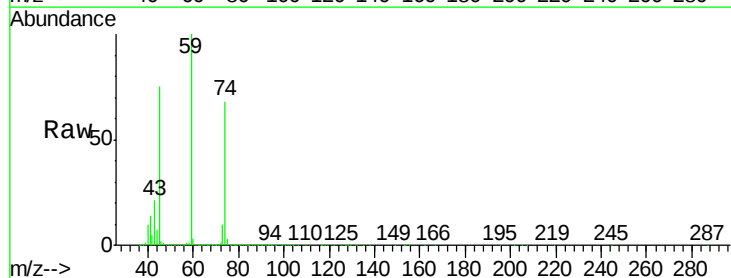
Tot Ion:101 Resp: 244613
Ion Ratio Lower Upper
101 100
103 64.7 50.4 75.6

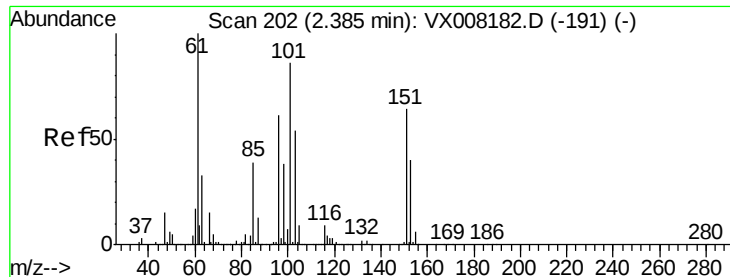


#8

Diethyl Ether
Concen: 54.071 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 74 Resp: 151251
Ion Ratio Lower Upper
74 100
45 108.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.077 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

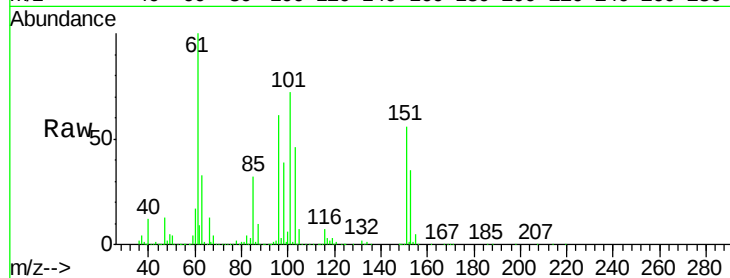
Tot Ion:101 Resp: 162720

Ion Ratio Lower Upper

101 100

85 45.1 33.8 50.6

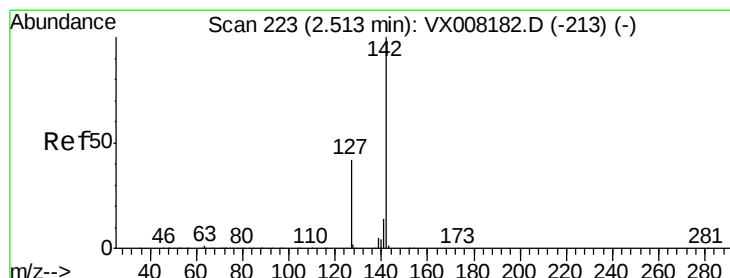
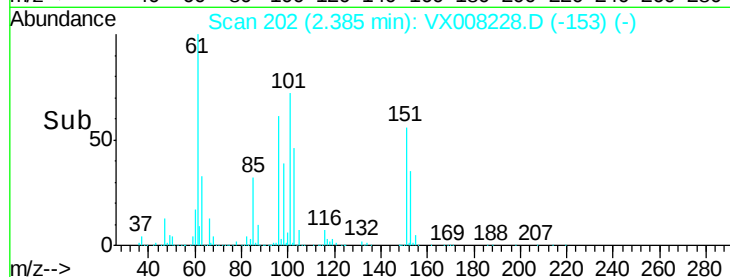
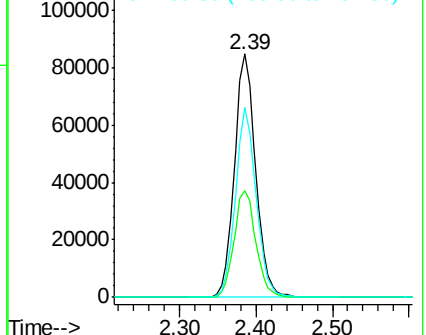
151 76.0 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.293 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

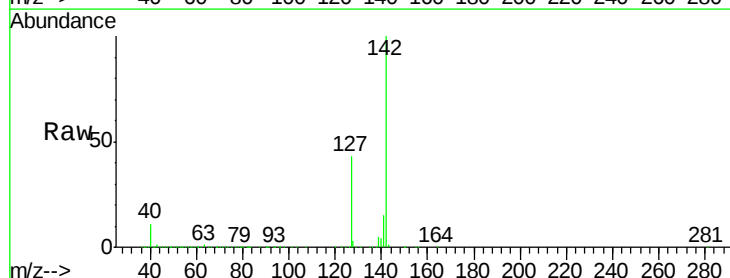
Tgt Ion:142 Resp: 249547

Ion Ratio Lower Upper

142 100

127 43.0 32.1 48.1

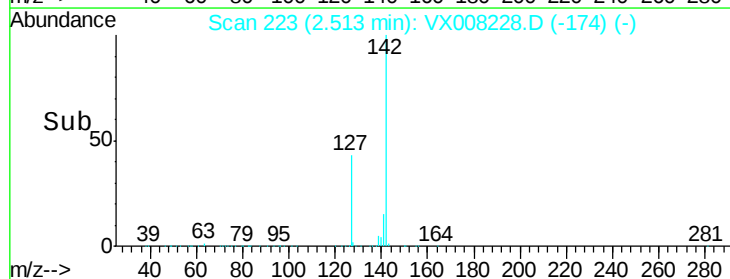
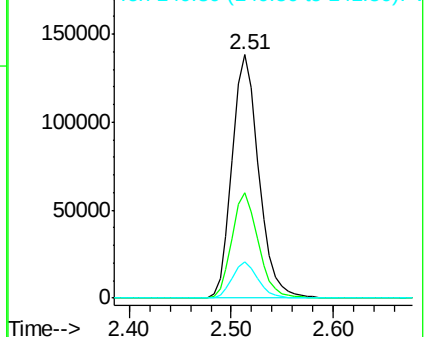
141 14.5 11.4 17.2

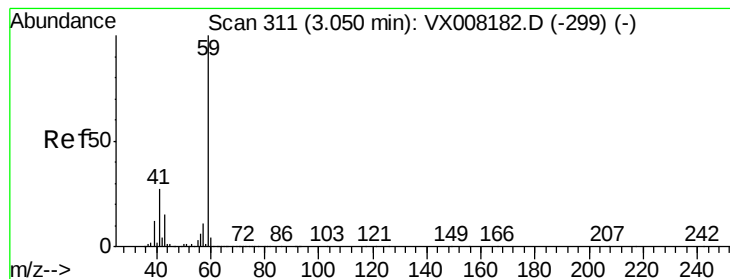


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



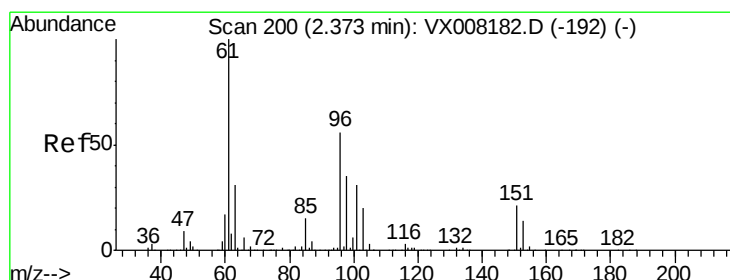
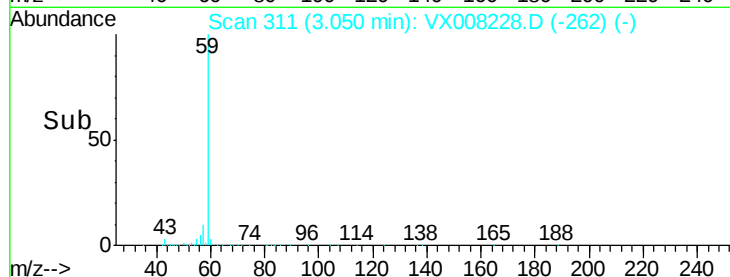
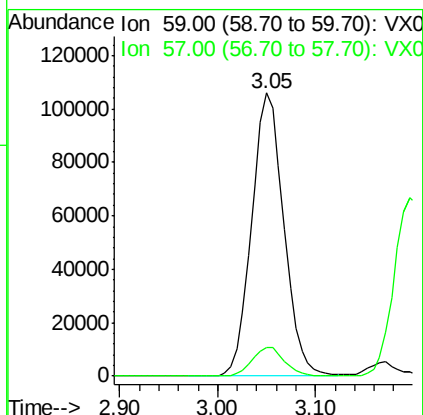
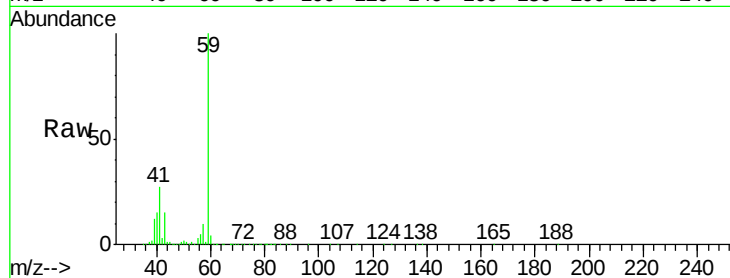


#11

Tert butyl alcohol
Concen: 266.885 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

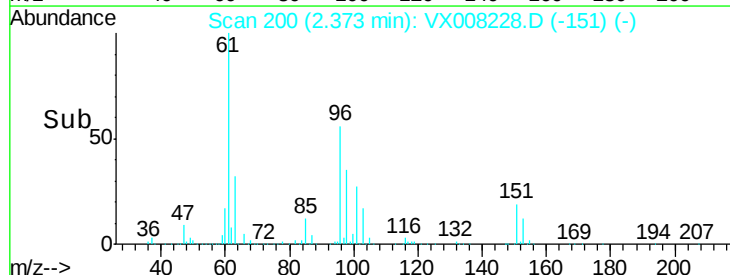
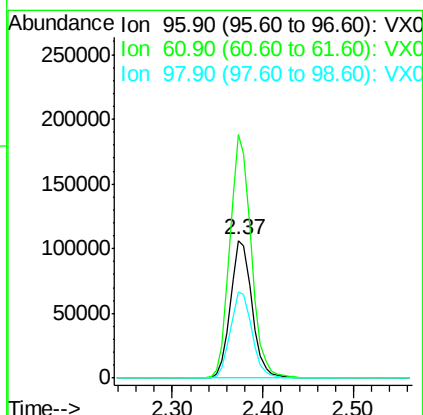
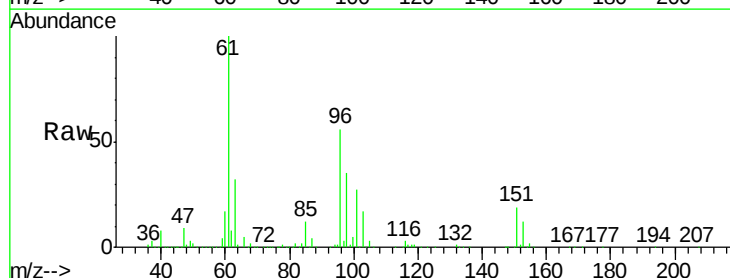
Tot Ion: 59 Resp: 241683
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

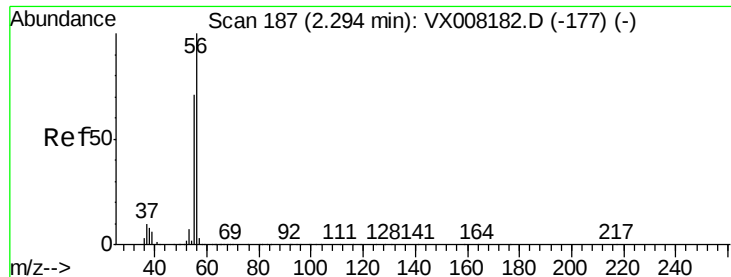


#12

1,1-Dichloroethene
Concen: 51.401 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 96 Resp: 175172
Ion Ratio Lower Upper
96 100
61 177.0 129.8 194.6
98 62.8 51.0 76.6





#13

Acrolein

Concen: 215.648 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

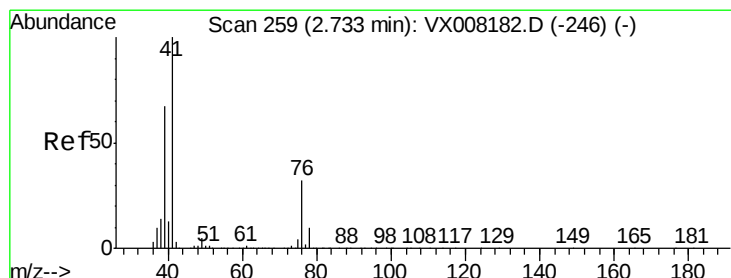
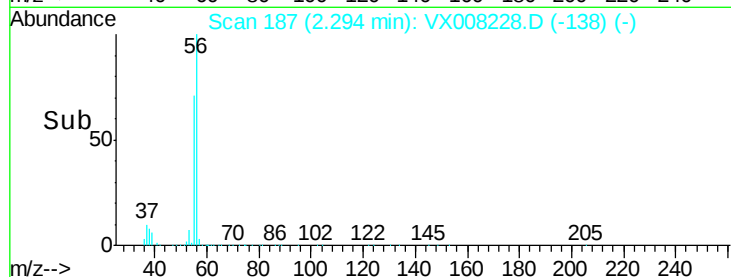
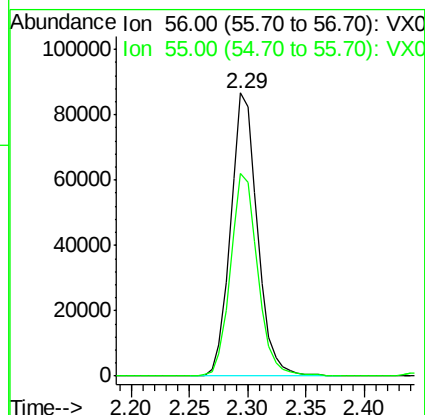
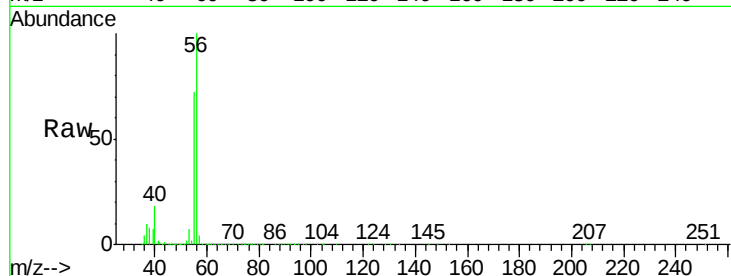
VSTDCCC050EC

Tot Ion: 56 Resp: 138419

Ion Ratio Lower Upper

56 100

55 72.4 57.8 86.6



#14

Allyl chloride

Concen: 51.067 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

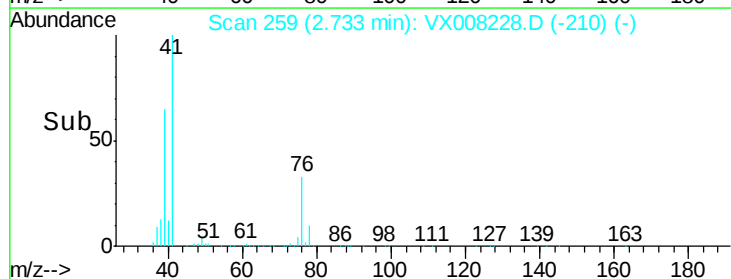
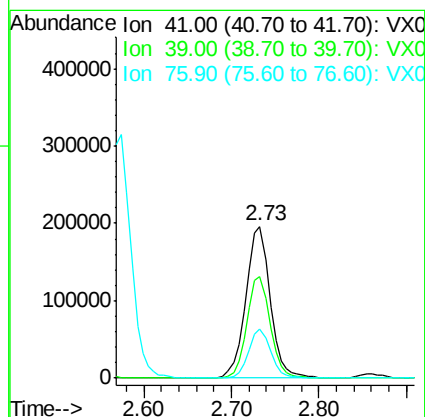
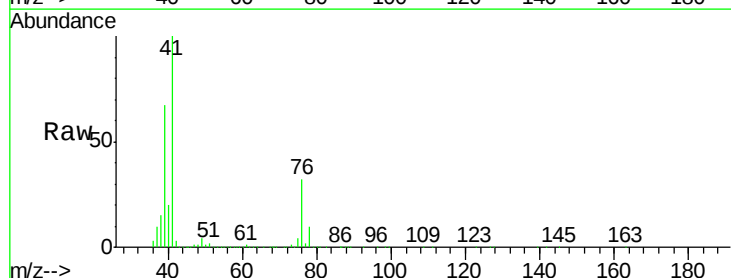
Tgt Ion: 41 Resp: 378846

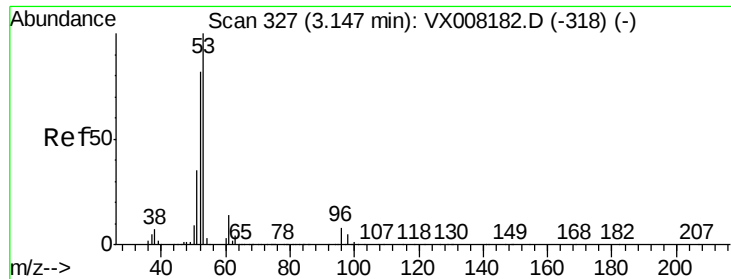
Ion Ratio Lower Upper

41 100

39 63.9 46.1 69.1

76 29.4 24.0 36.0





#15

Acrylonitrile

Concen: 269.544 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

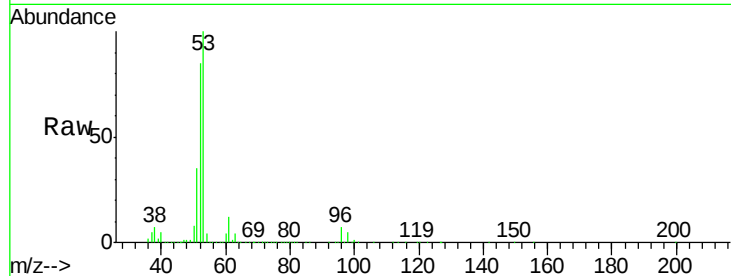
Tot Ion: 53 Resp: 645624

Ion Ratio Lower Upper

53 100

52 83.2 66.0 99.0

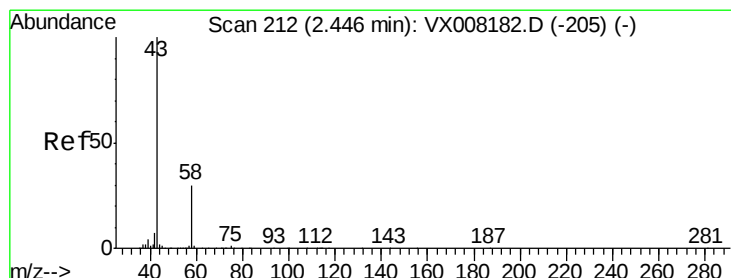
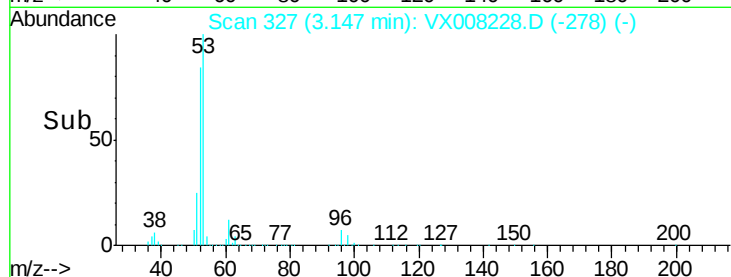
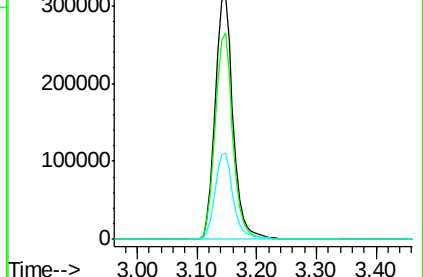
51 36.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.342 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008228.D

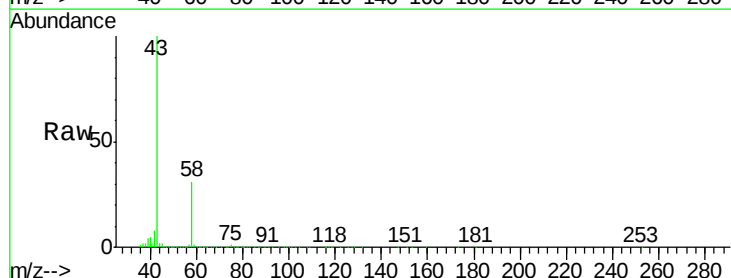
Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 562231

Ion Ratio Lower Upper

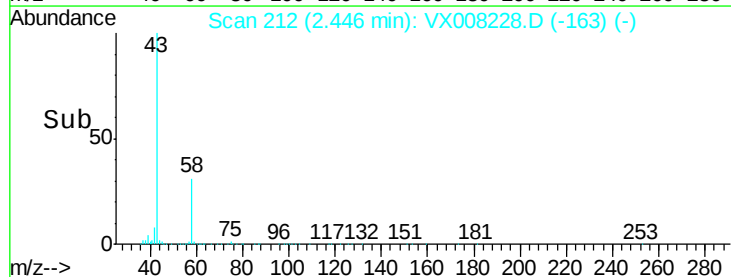
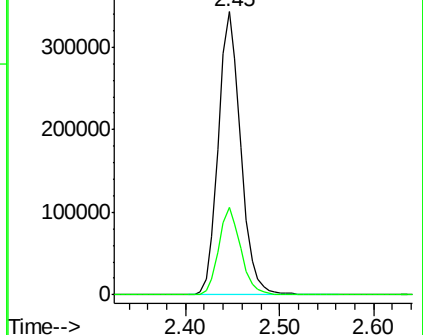
43 100

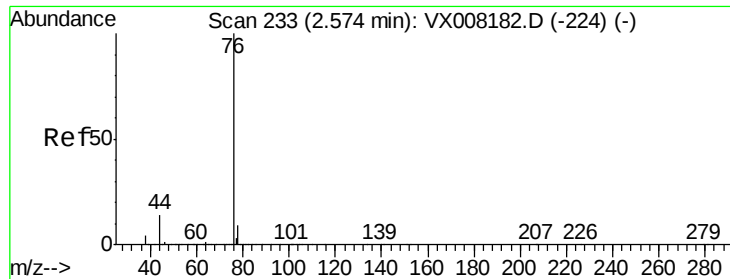
58 30.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

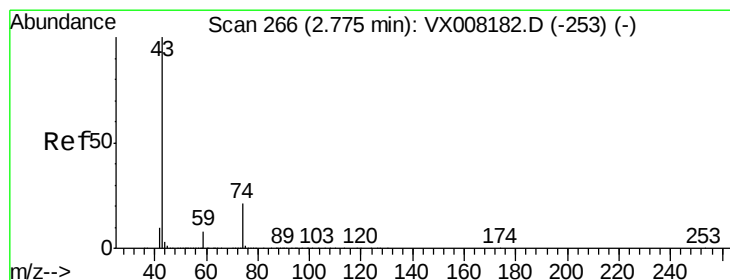
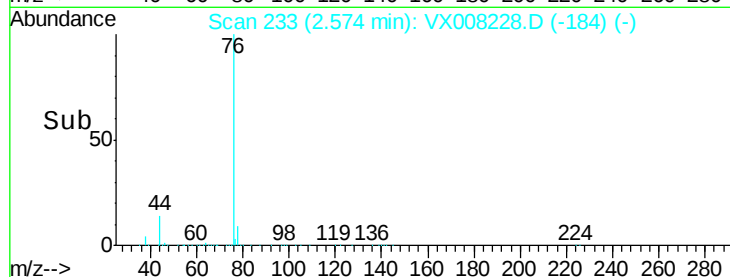
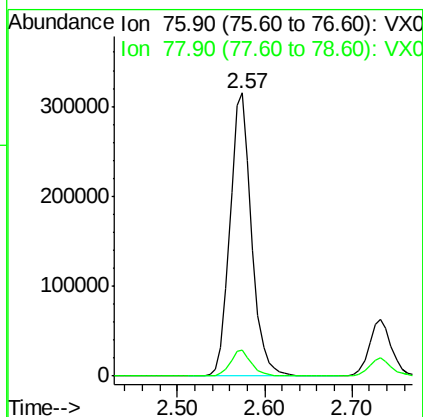
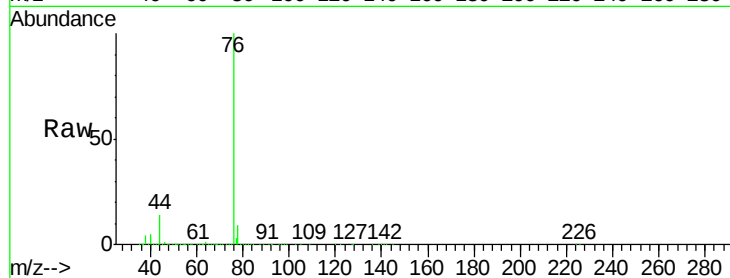




#17
Carbon Disulfide
Concen: 48.522 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

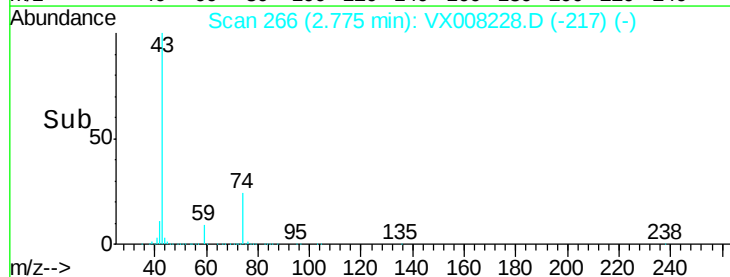
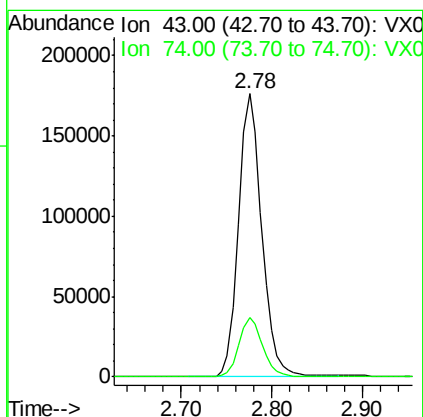
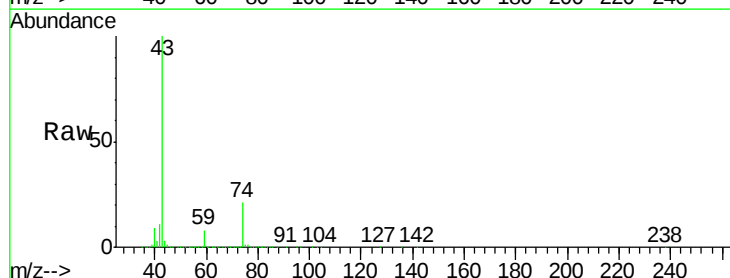
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

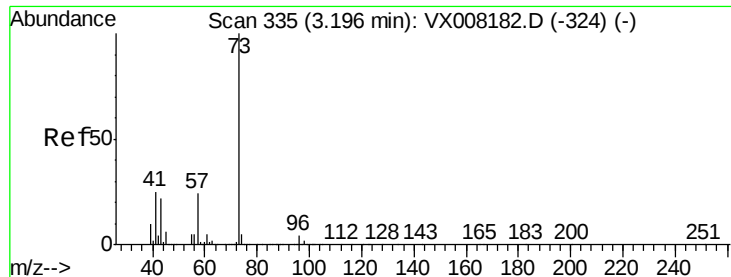
Tot Ion: 76 Resp: 539536
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 56.618 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 314478
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.6



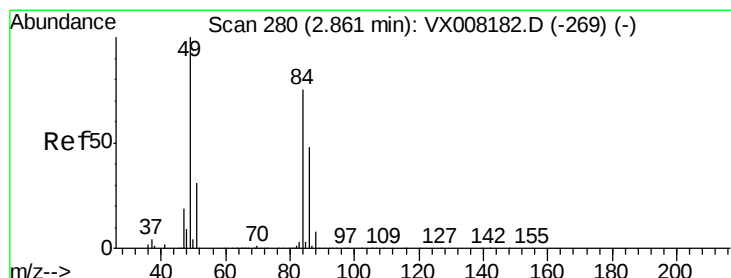
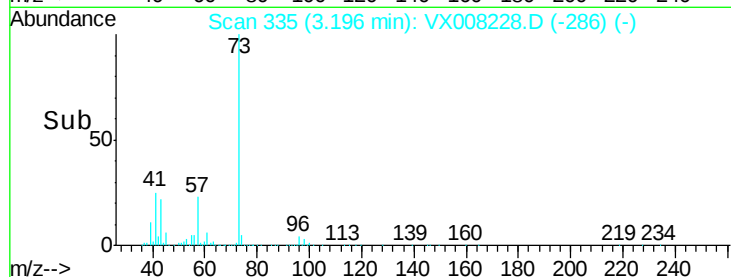
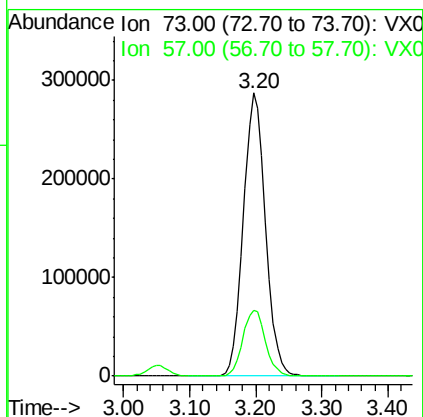
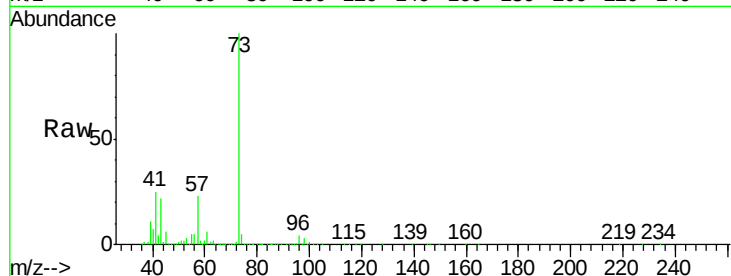


#19

Methyl tert-butyl Ether
 Concen: 54.379 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

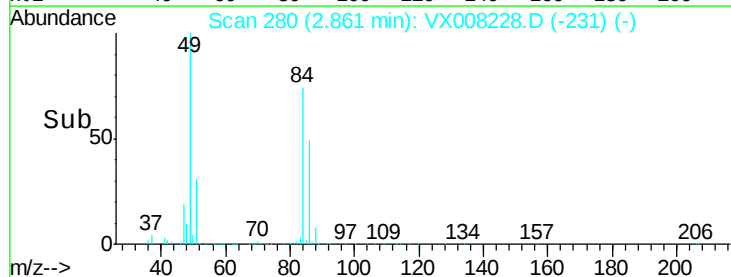
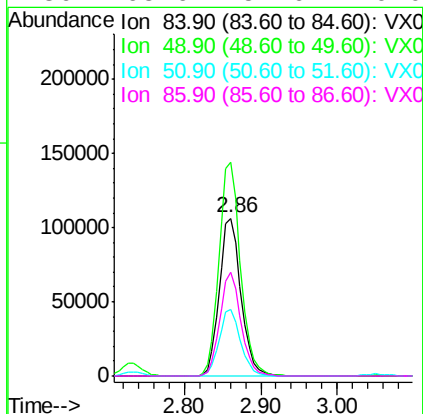
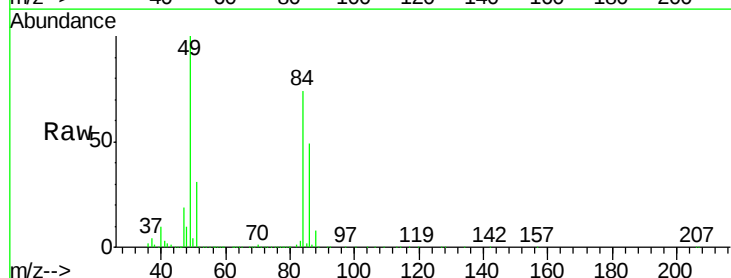
Tot Ion: 73 Resp: 670065
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.2 27.4

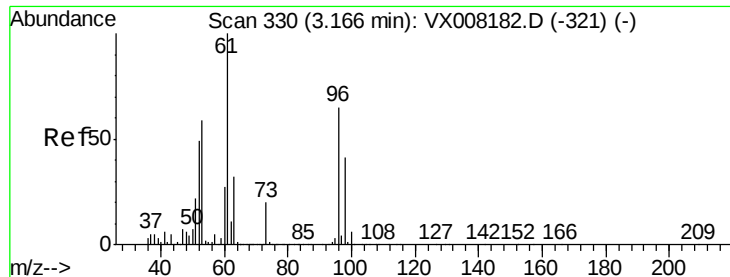


#20

Methylene Chloride
 Concen: 52.112 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 84 Resp: 208482
 Ion Ratio Lower Upper
 84 100
 49 135.1 99.3 148.9
 51 42.3 31.3 46.9
 86 65.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.939 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

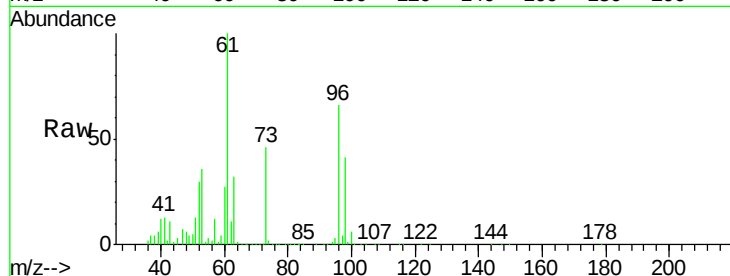
Tot Ion: 96 Resp: 187538

Ion Ratio Lower Upper

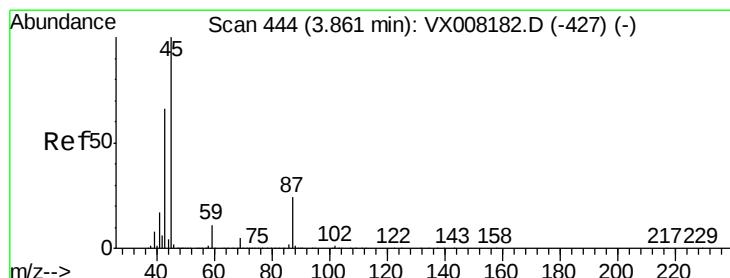
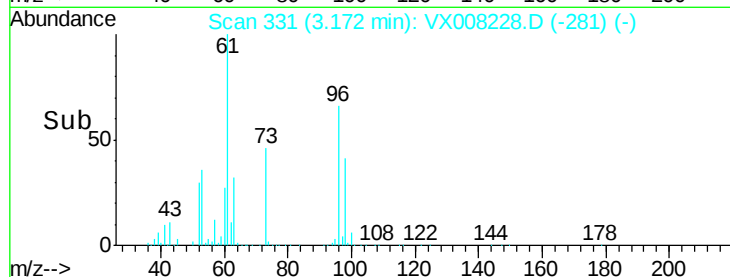
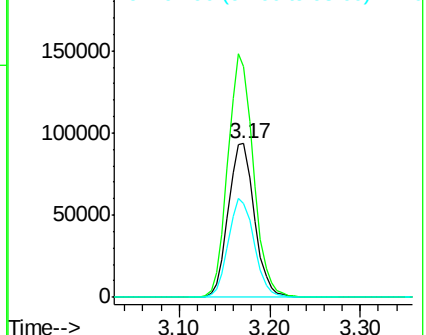
96 100

61 150.6 114.4 171.6

98 61.3 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: 53.532 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 45 Resp: 777795

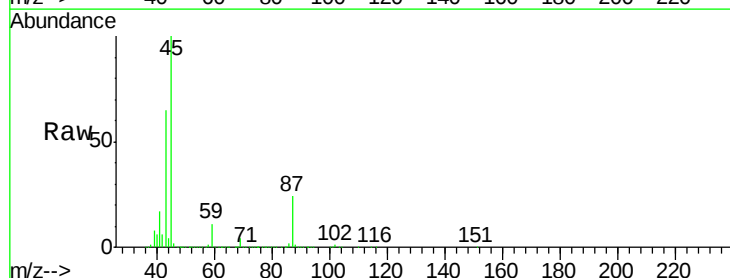
Ion Ratio Lower Upper

45 100

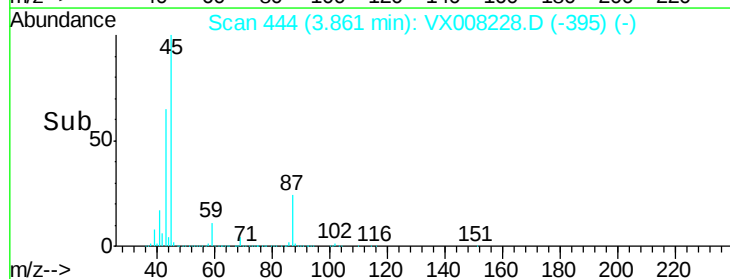
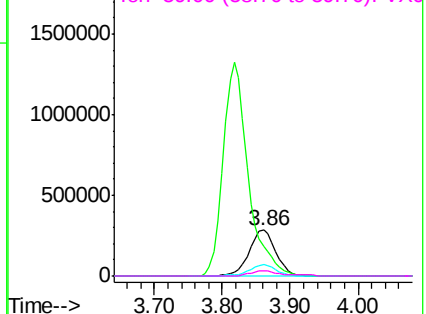
43 64.9 45.3 67.9

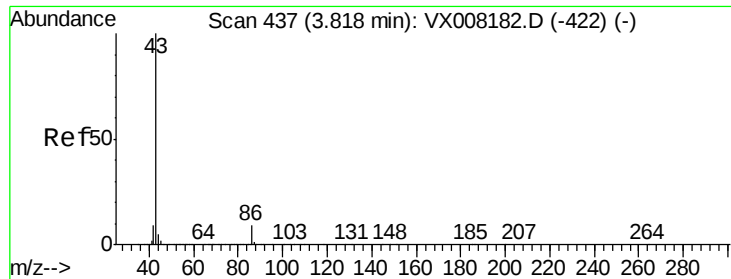
87 24.1 21.4 32.0

59 11.1 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: 272.759 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

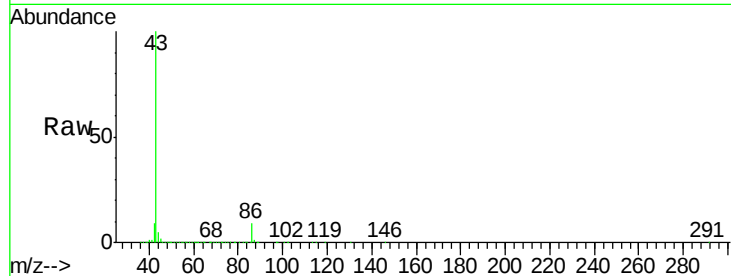
VSTDCCC050EC

Tot Ion: 43 Resp: 3397721

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1500000

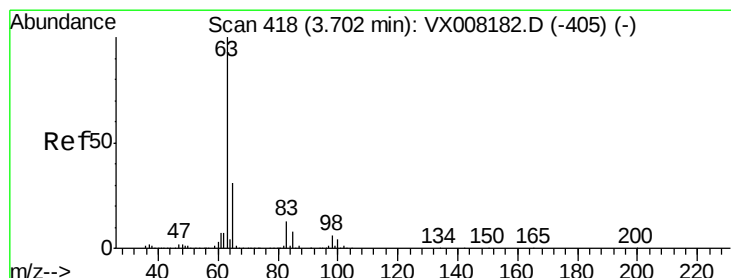
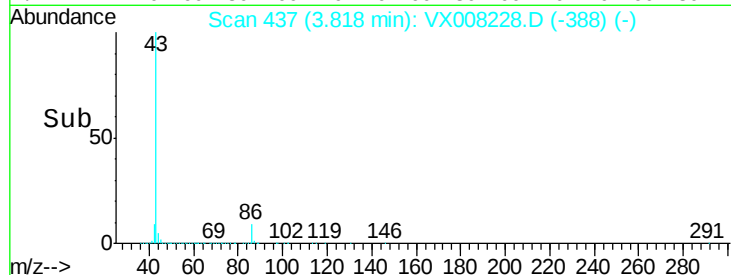
1000000

500000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 52.929 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

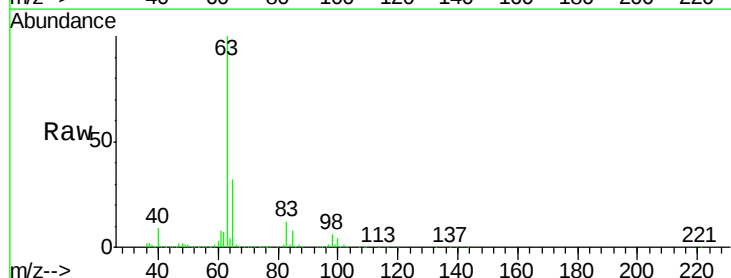
Tgt Ion: 63 Resp: 395533

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 3.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

150000

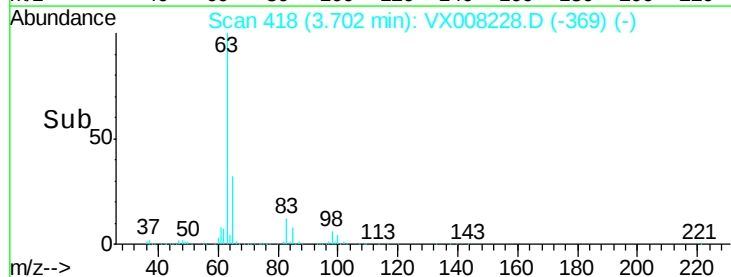
100000

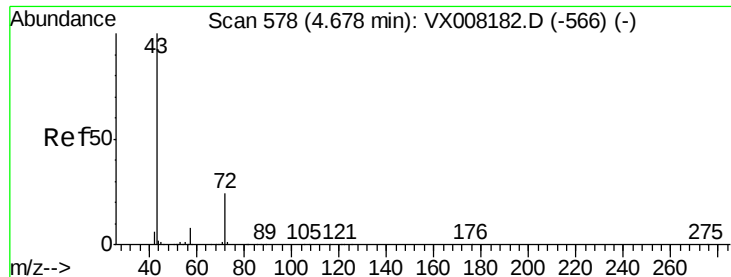
50000

0

Time-->

3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 263.291 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

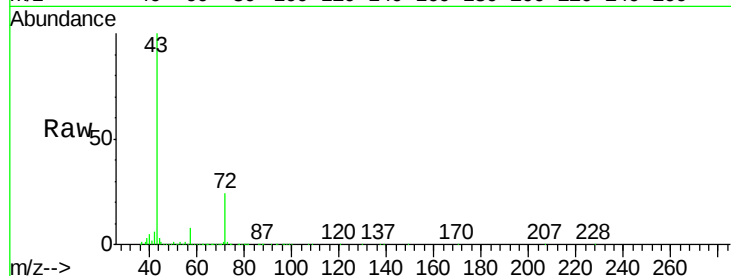
VSTDCCC050EC

Tot Ion: 43 Resp: 932453

Ion Ratio Lower Upper

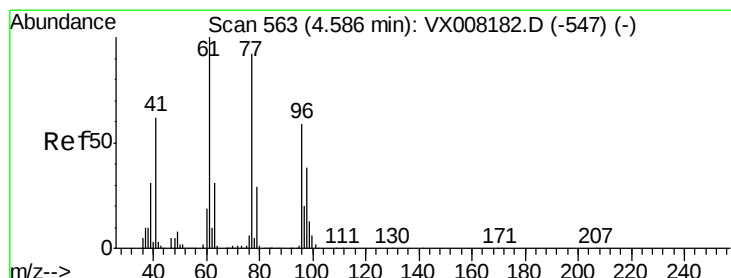
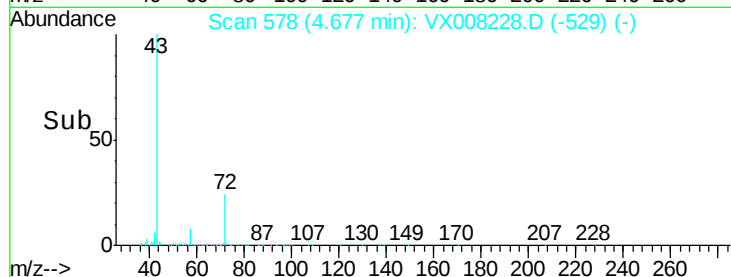
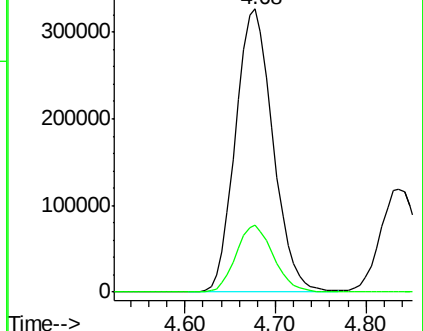
43 100

72 23.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.675 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008228.D

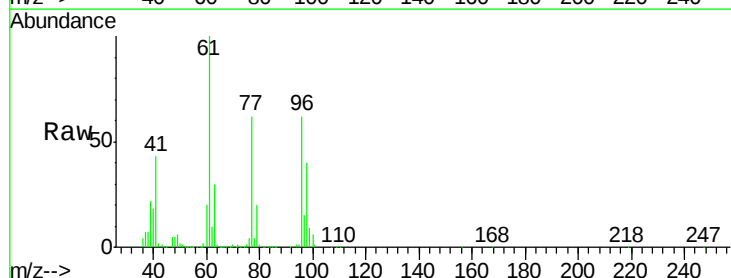
Acq: 20 Mar 2019 07:46

Tgt Ion: 77 Resp: 189574

Ion Ratio Lower Upper

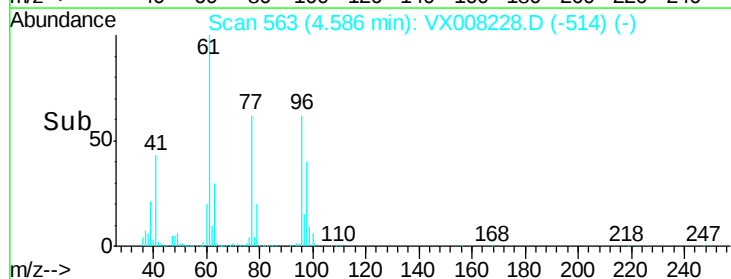
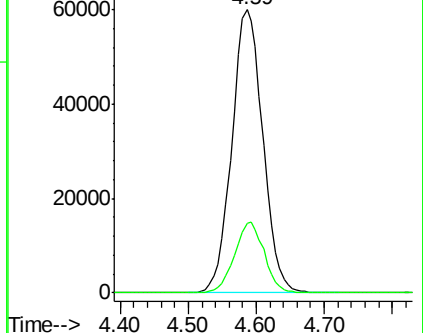
77 100

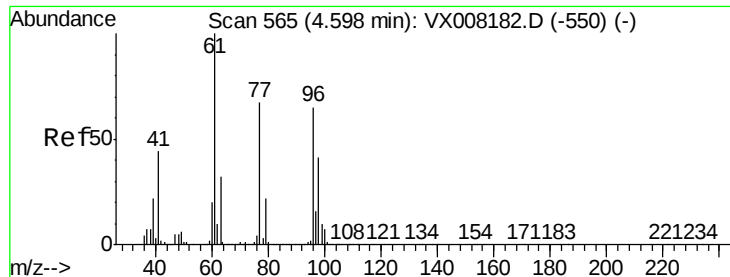
97 24.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



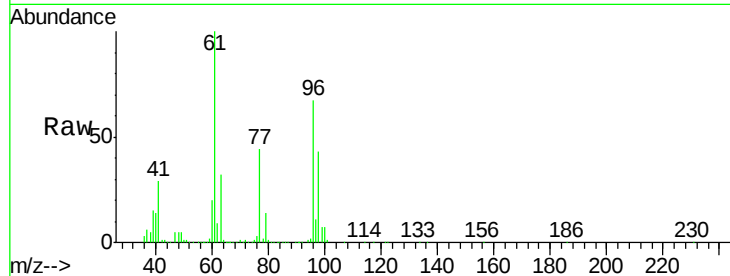


#27

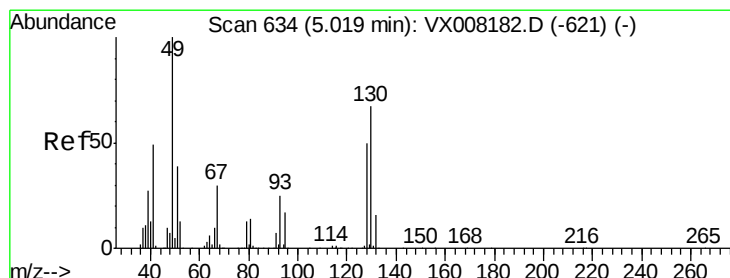
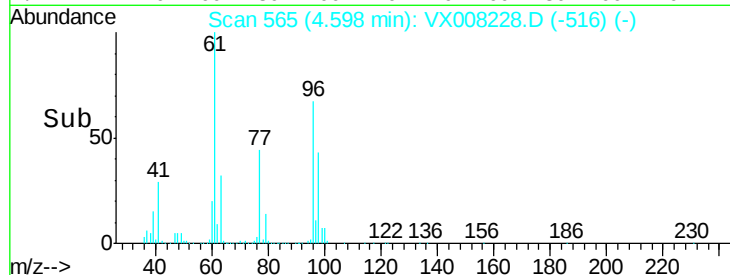
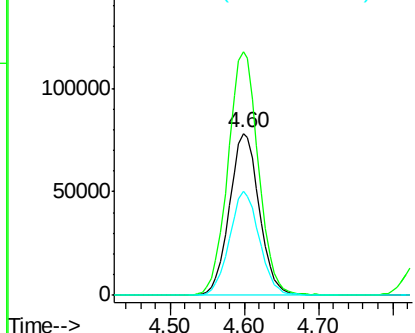
cis-1,2-Dichloroethene
Concen: 52.350 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	288.0
98	64.2	0.0	129.0



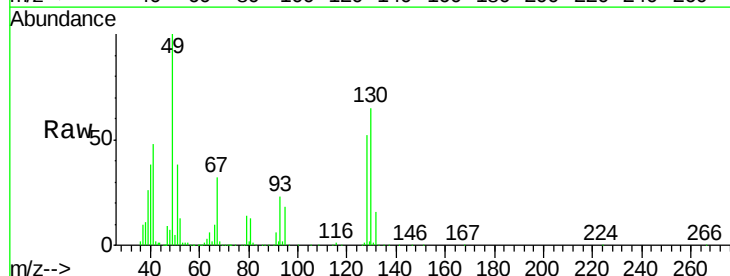
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



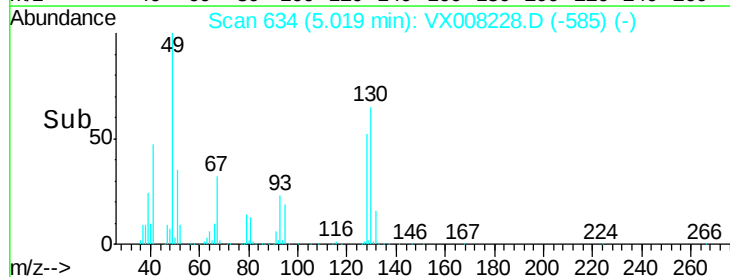
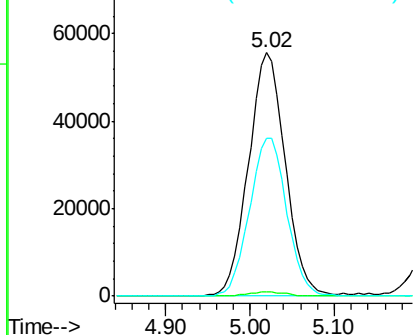
#28

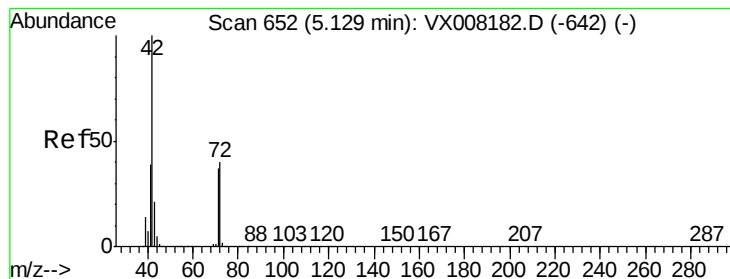
Bromochloromethane
Concen: 49.416 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	66.2	65.0	97.4



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





#29

Tetrahydrofuran

Concen: 276.986 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

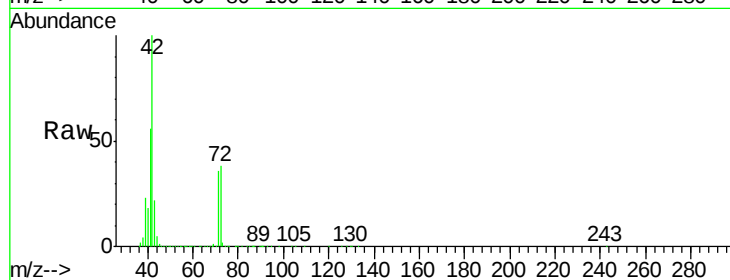
Tot Ion: 42 Resp: 613226

Ion Ratio Lower Upper

42 100

72 40.2 33.8 50.6

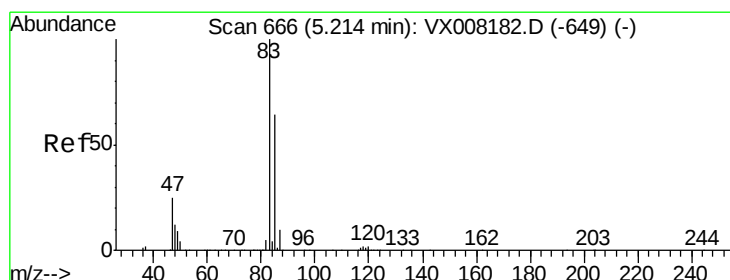
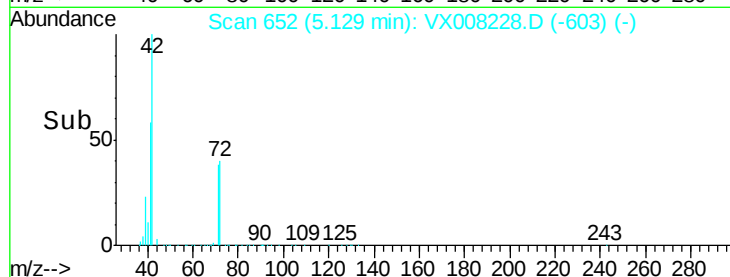
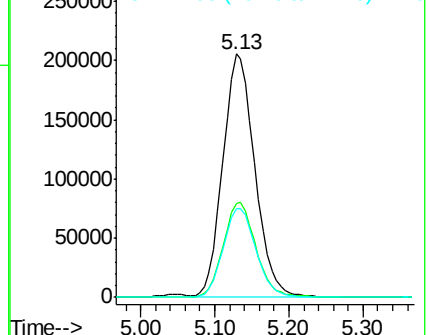
71 37.8 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.782 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008228.D

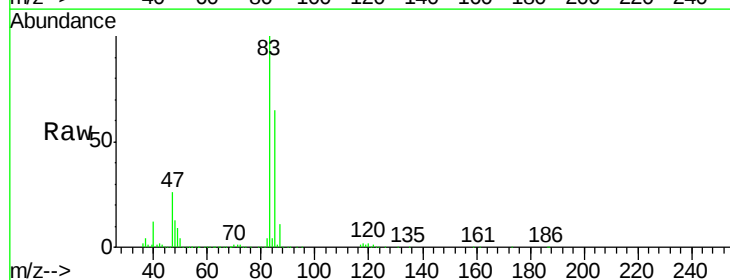
Acq: 20 Mar 2019 07:46

Tgt Ion: 83 Resp: 368955

Ion Ratio Lower Upper

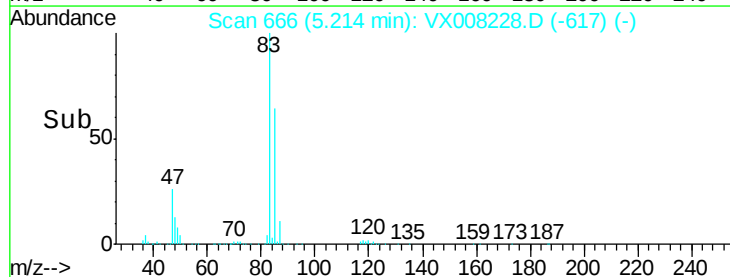
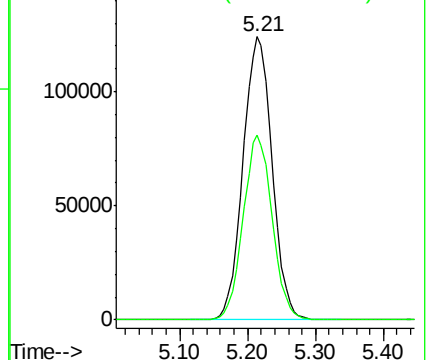
83 100

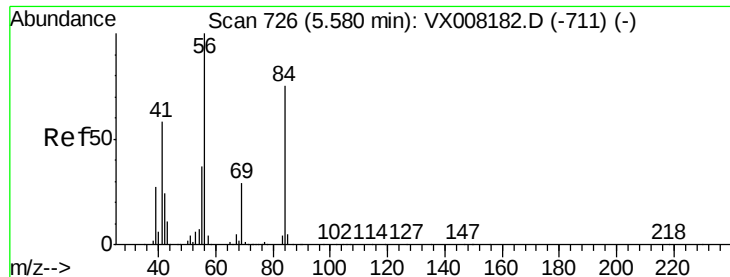
85 65.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

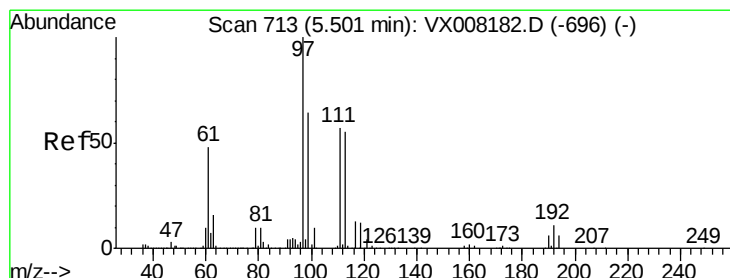
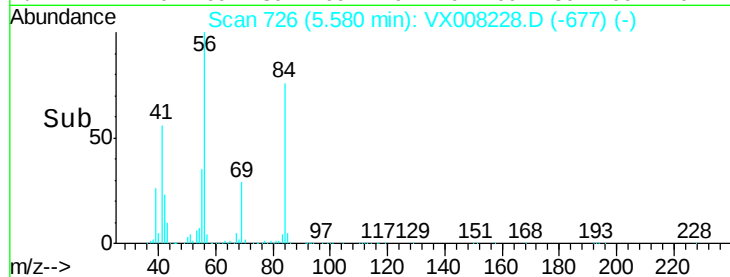
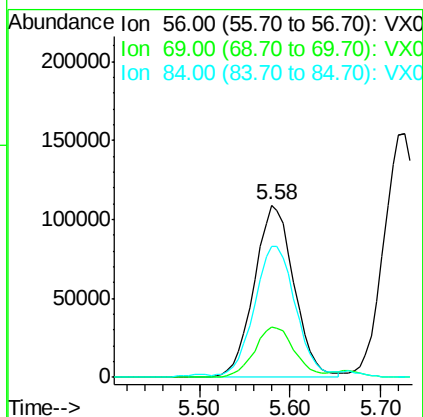
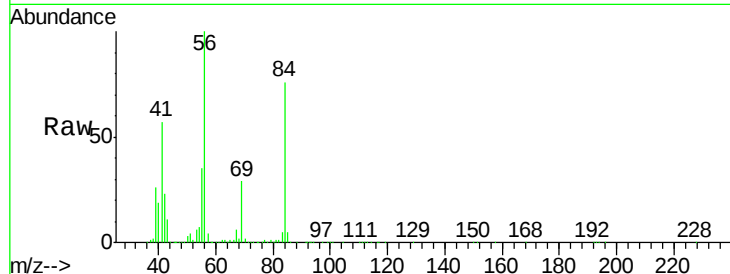




#31
Cyclohexane
Concen: 47.134 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

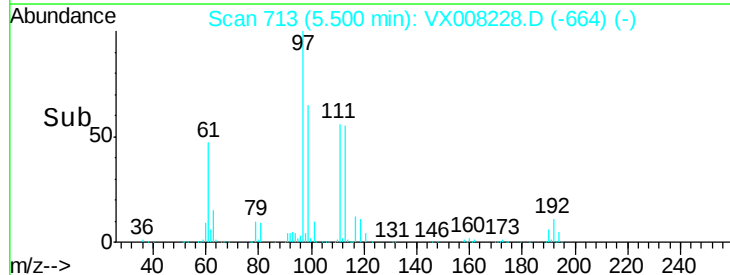
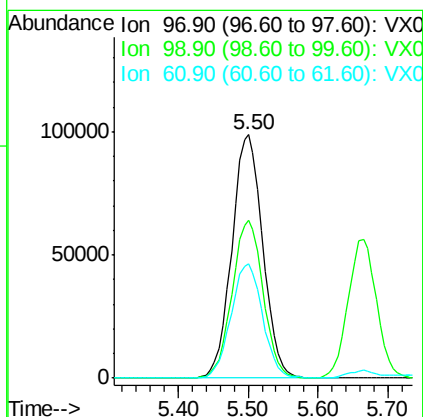
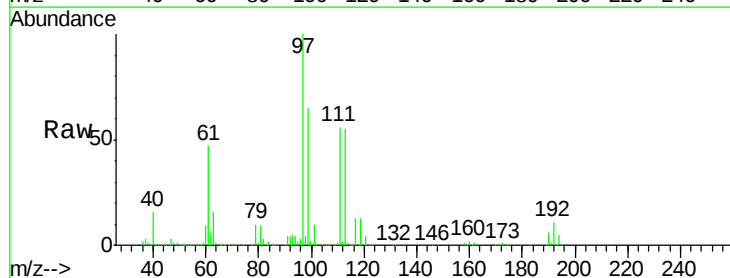
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

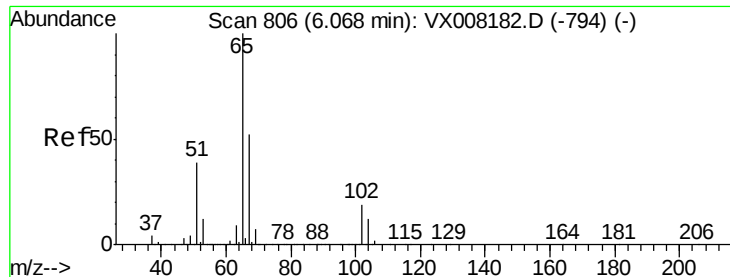
Tot Ion: 56 Resp: 330753
Ion Ratio Lower Upper
56 100
69 29.2 24.0 36.0
84 75.1 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 52.033 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 97 Resp: 302565
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 48.0 34.9 52.3

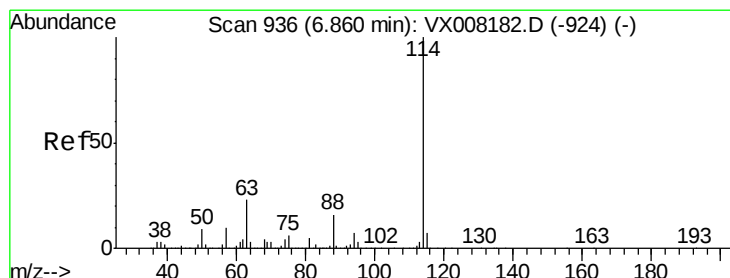
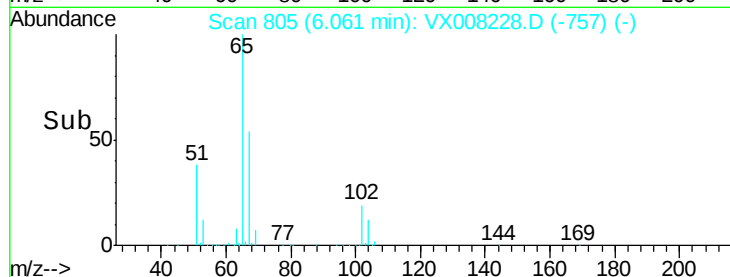
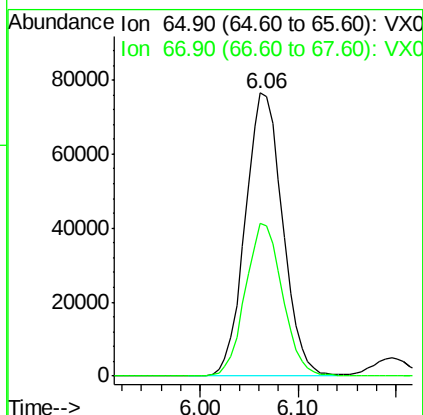
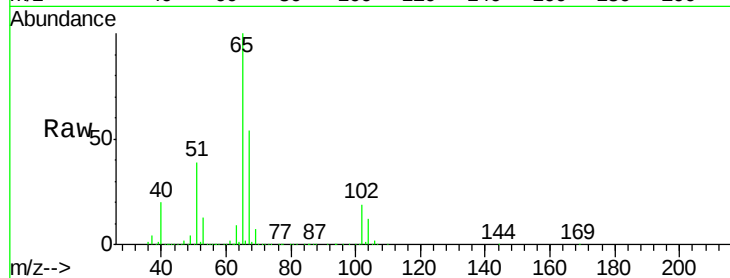




#33
 1,2-Dichloroethane-d4
 Concen: 47.961 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

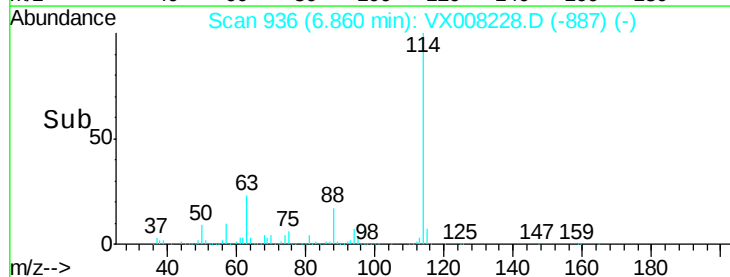
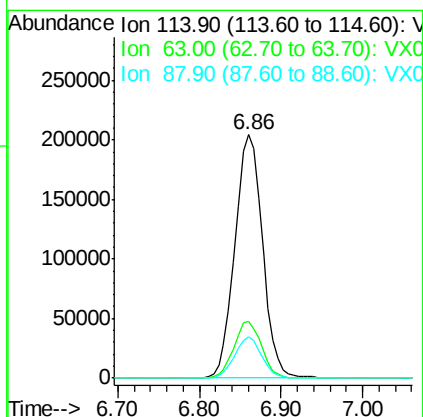
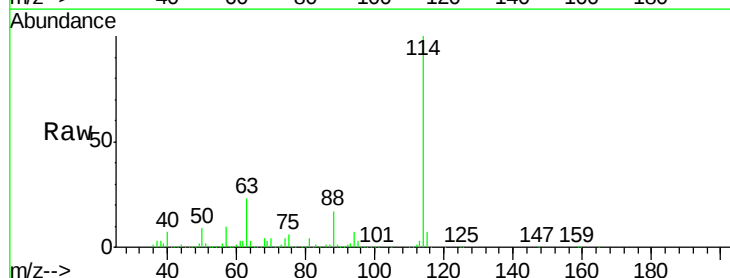
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

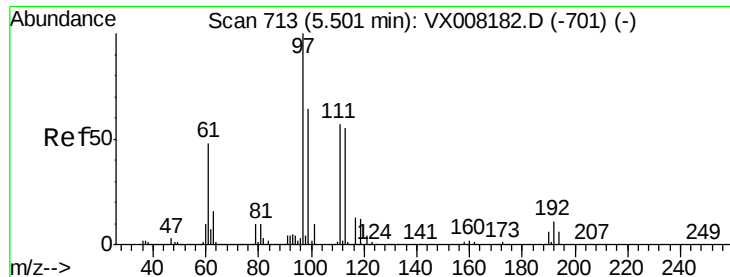
Tot Ion: 65 Resp: 202883
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 114 Resp: 478869
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 39.8
 88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.869 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

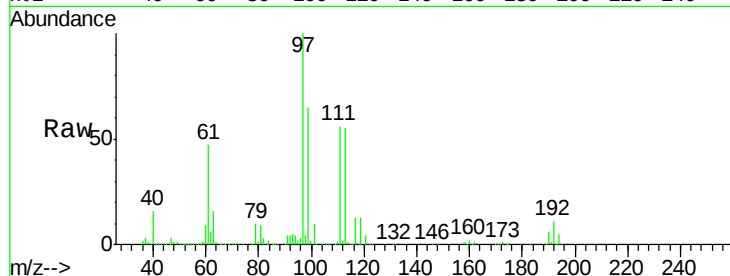
Tot Ion:113 Resp: 153455

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

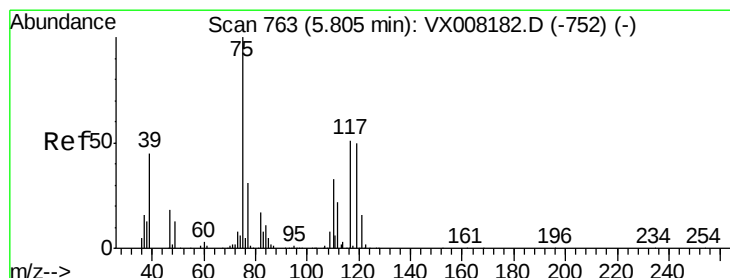
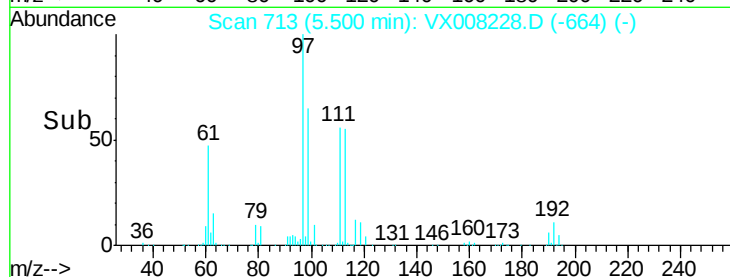
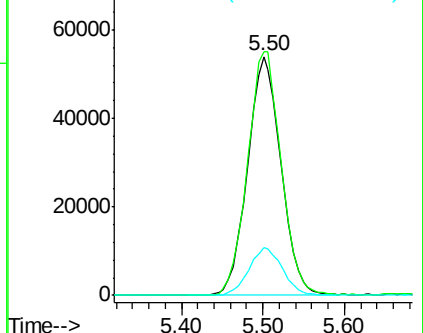
192 20.3 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.831 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

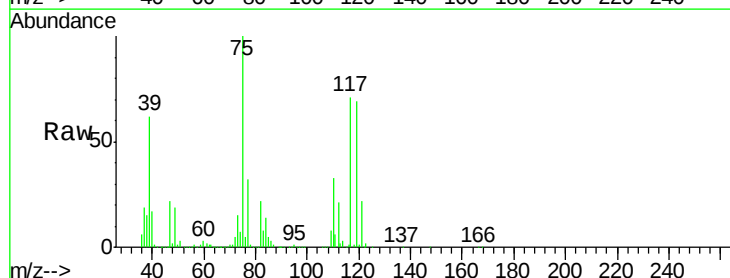
Tgt Ion: 75 Resp: 272247

Ion Ratio Lower Upper

75 100

110 33.4 18.4 55.0

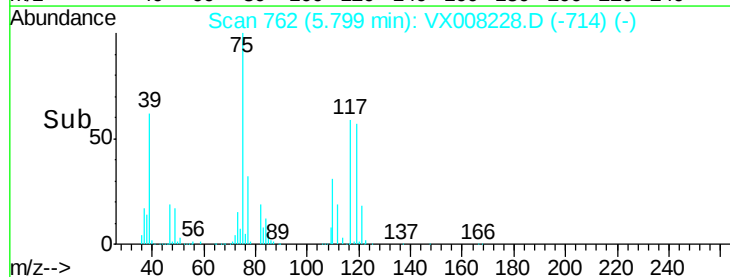
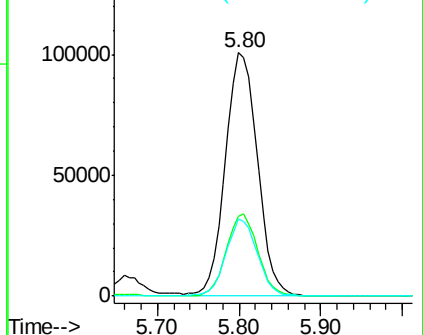
77 30.7 25.0 37.4

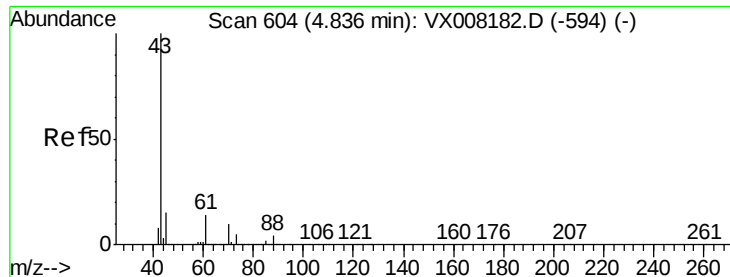


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

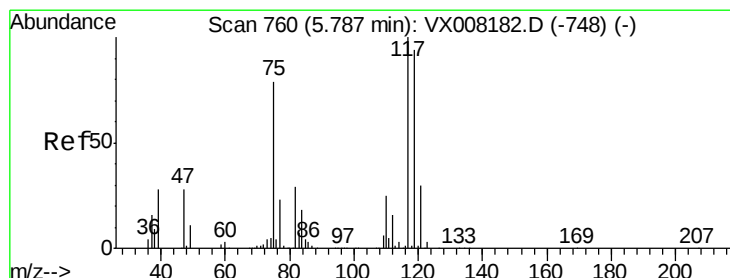
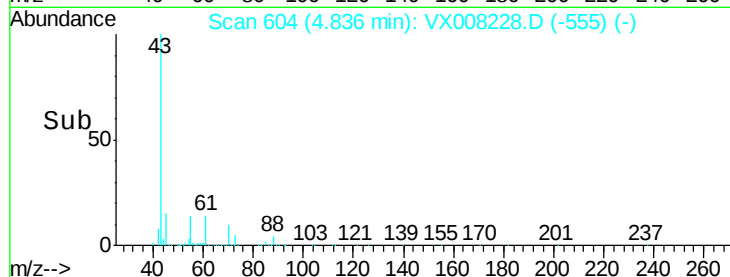
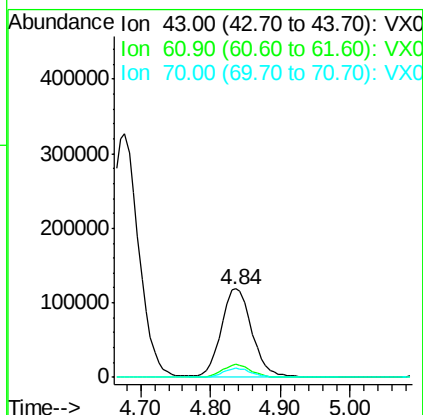
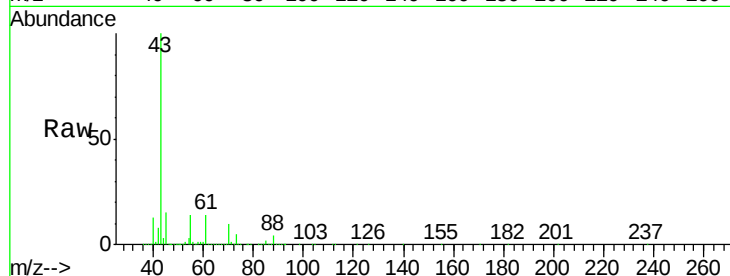




#37
Ethyl Acetate
Concen: 54.483 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

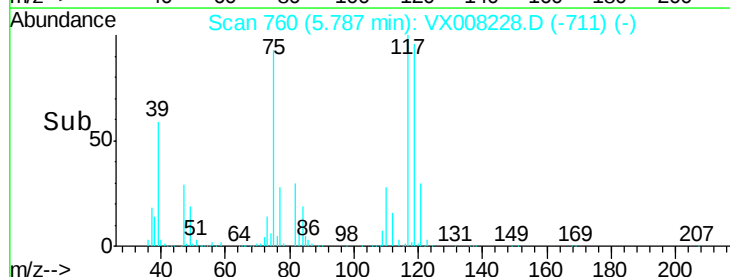
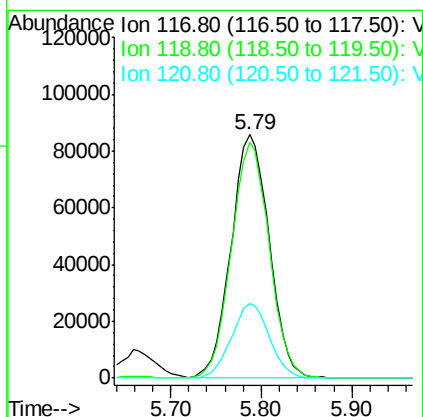
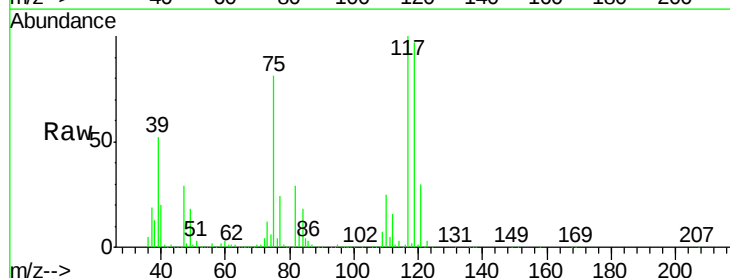
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

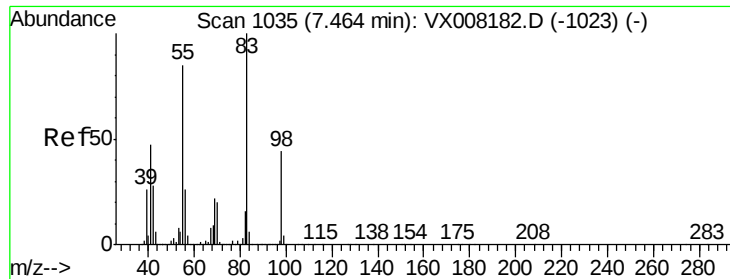
Tot Ion: 43 Resp: 359078
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 9.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.243 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 117 Resp: 249587
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
121 30.4 24.6 36.8

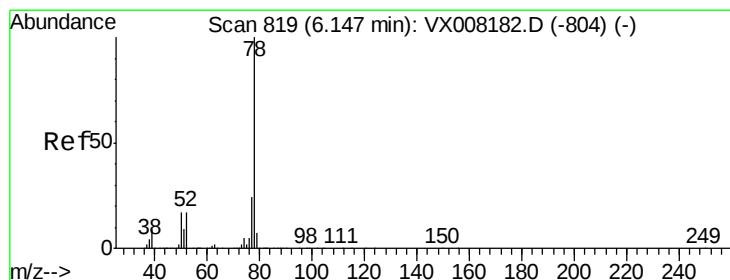
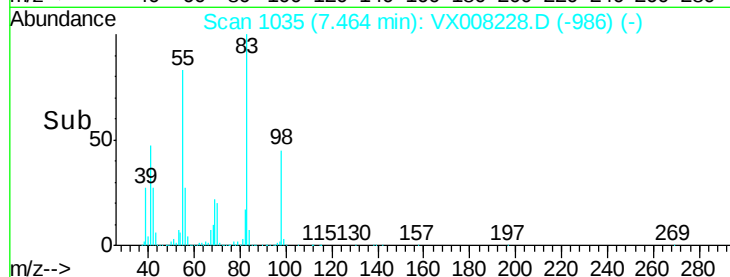
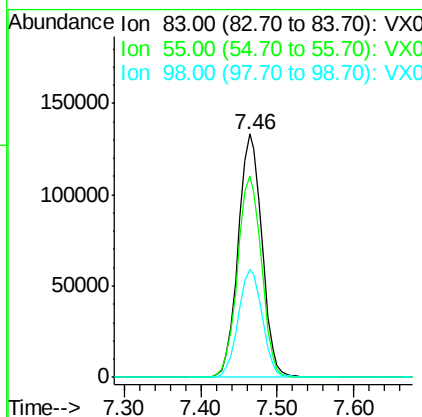
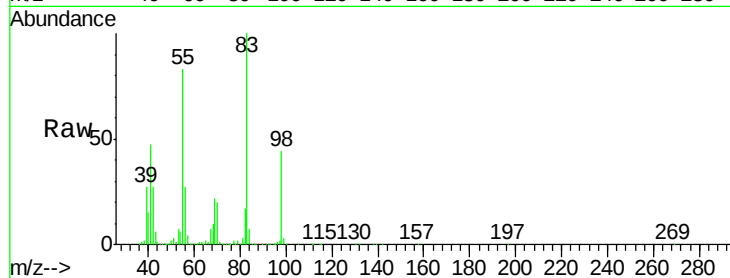




#39
Methvlcvclohexane
Concen: 42.737 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

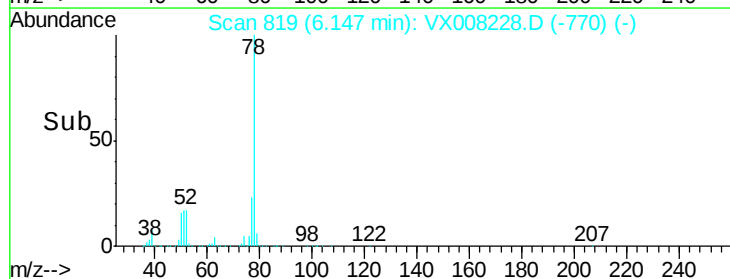
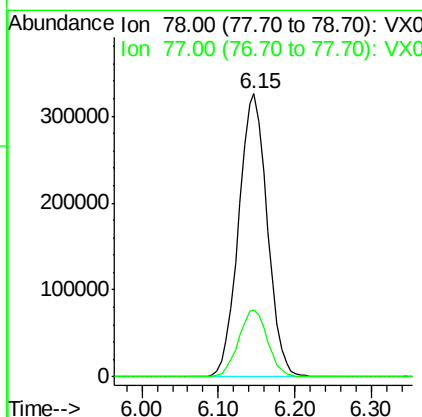
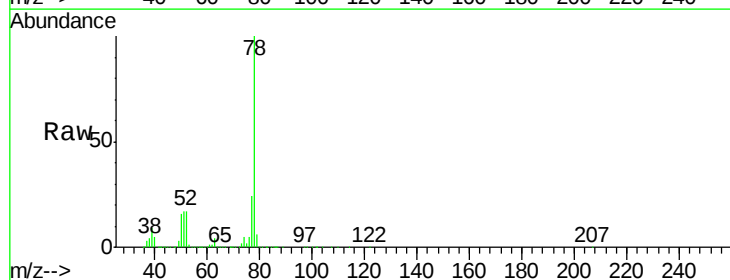
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

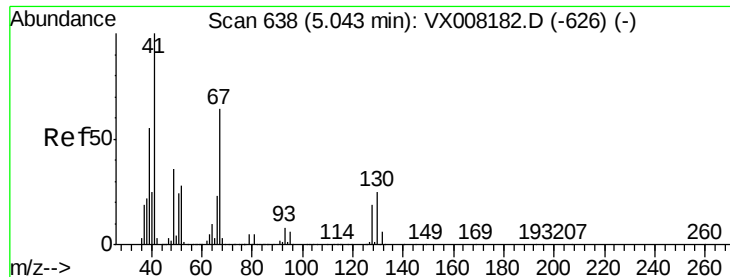
Tot Ion: 83 Resp: 286737
Ion Ratio Lower Upper
83 100
55 82.8 60.4 90.6
98 44.5 36.5 54.7



#40
Benzene
Concen: 51.367 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 78 Resp: 847635
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 54.390 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 201072

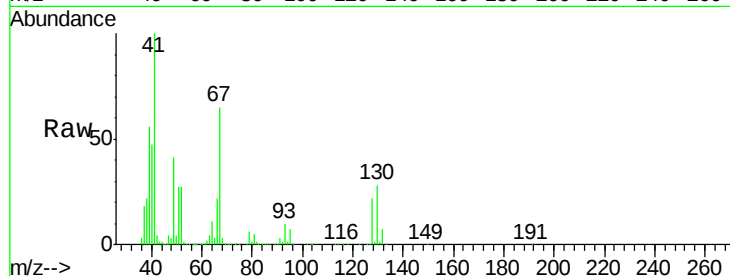
Ion Ratio Lower Upper

41 100

39 54.4 41.6 62.4

67 67.2 55.8 83.6

52 27.7 21.7 32.5

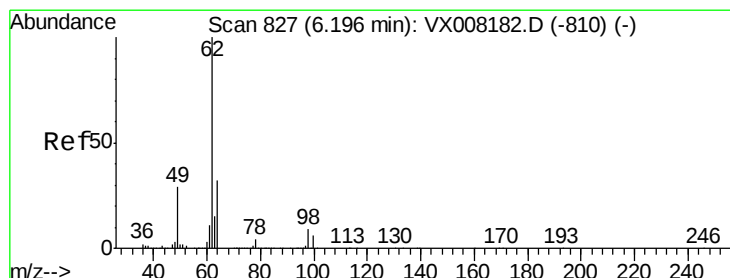
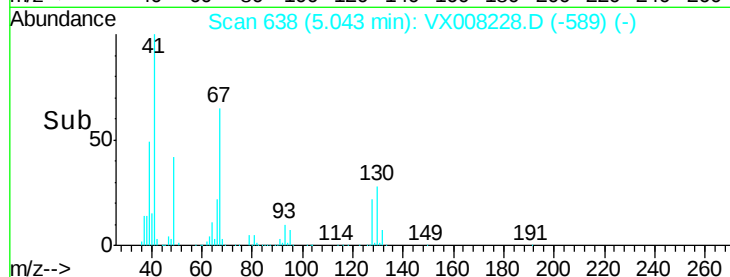
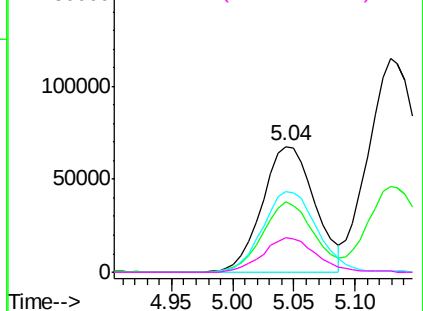


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.174 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008228.D

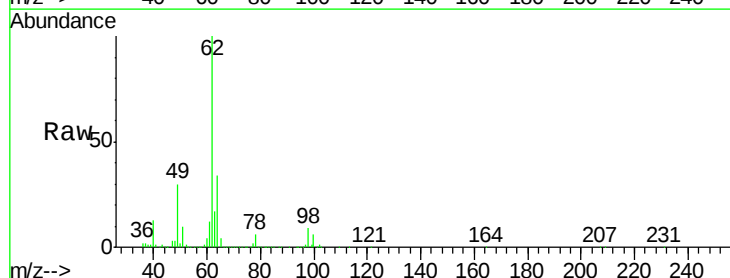
Acq: 20 Mar 2019 07:46

Tgt Ion: 62 Resp: 309352

Ion Ratio Lower Upper

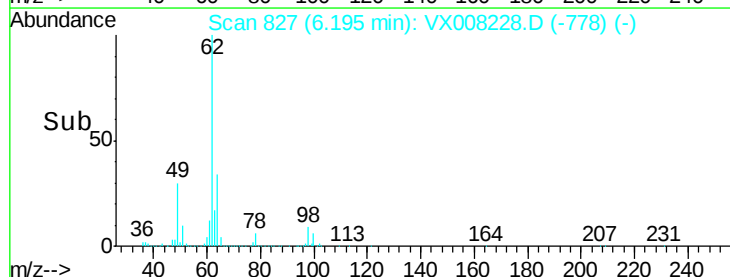
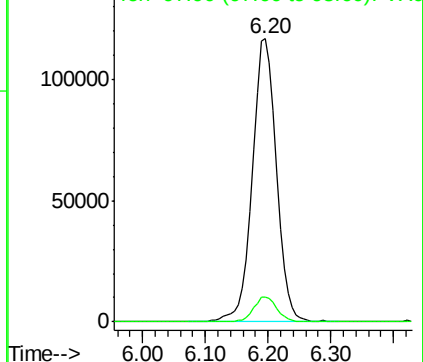
62 100

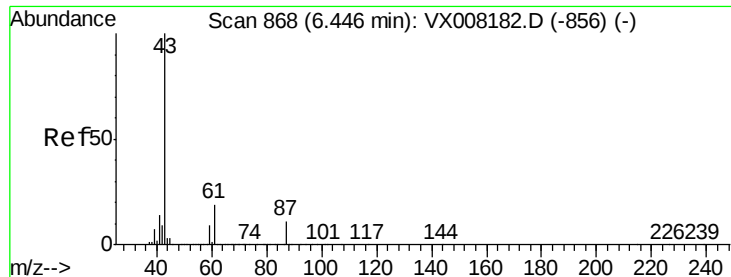
98 8.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



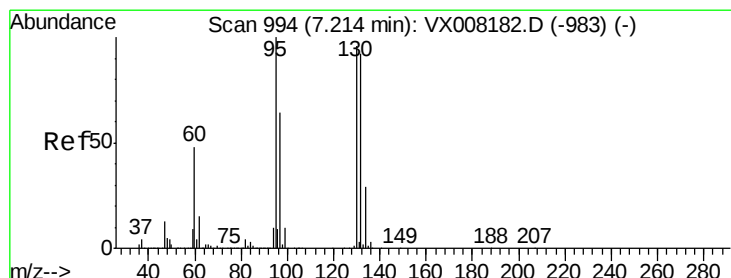
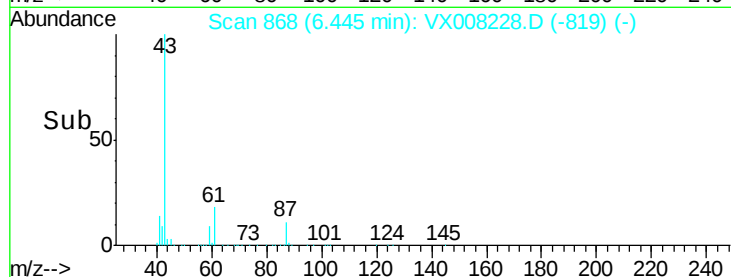
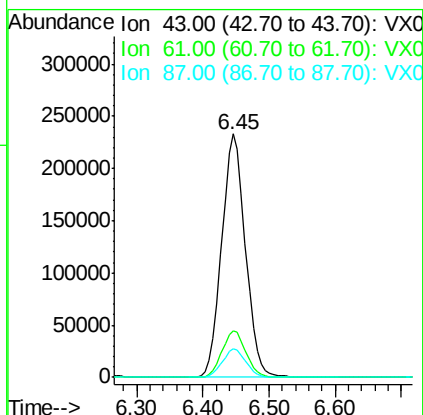
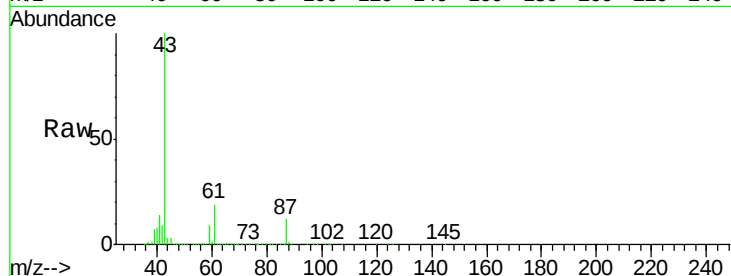


#43

Isopropyl Acetate
 Concen: 54.467 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

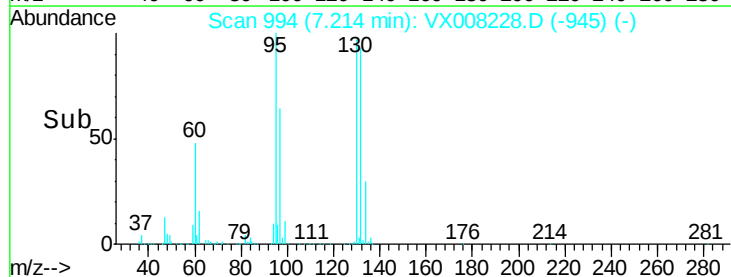
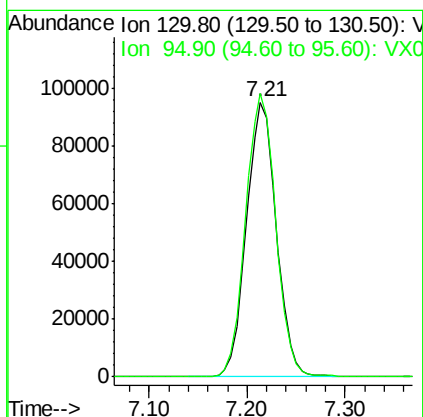
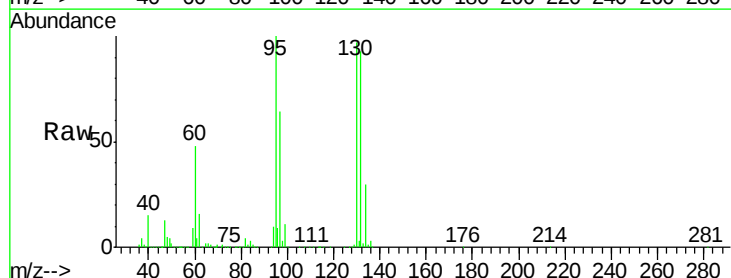
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.3	24.5
87	11.8	10.5	15.7

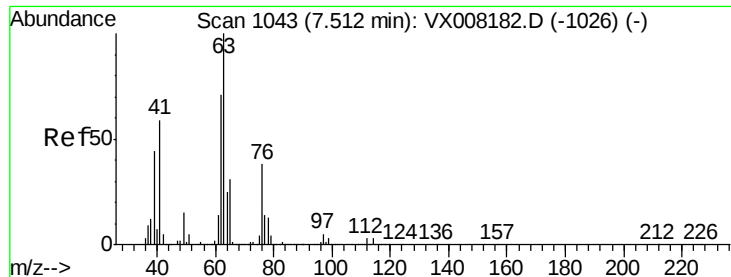


#44

Trichloroethene
 Concen: 50.020 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 51.590 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

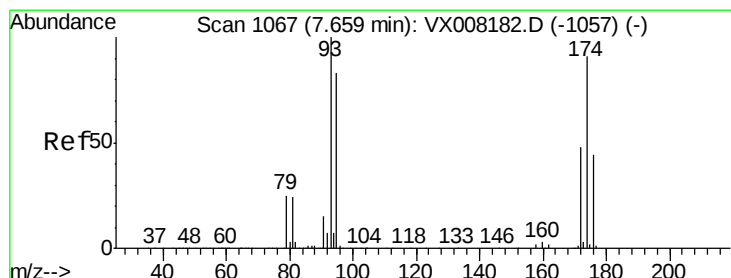
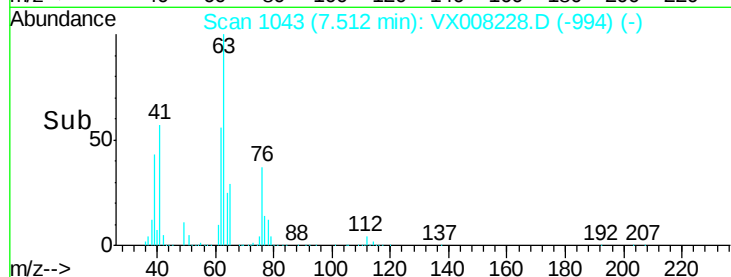
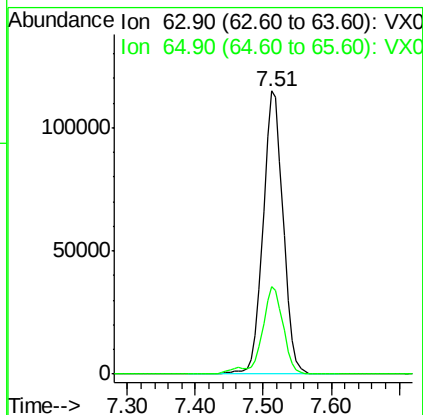
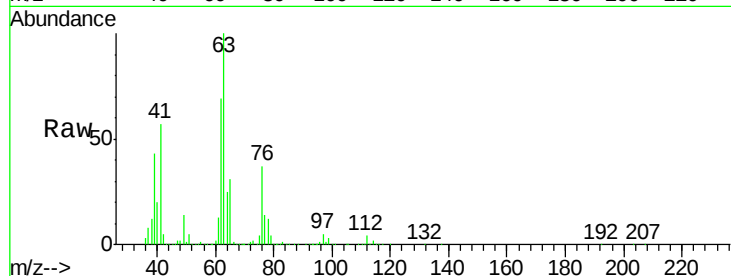
VSTDCCC050EC

Tot Ion: 63 Resp: 238317

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 51.754 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

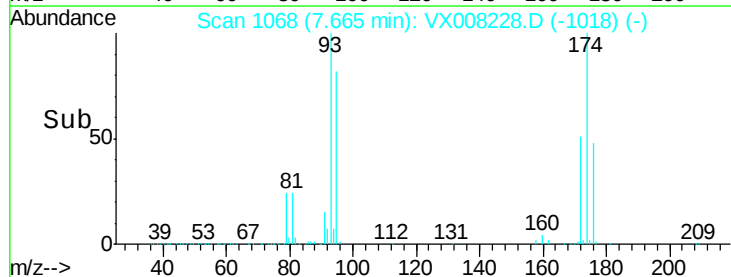
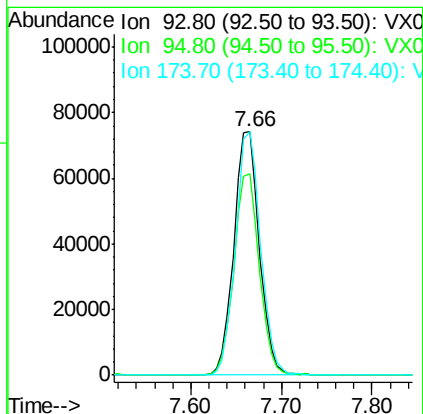
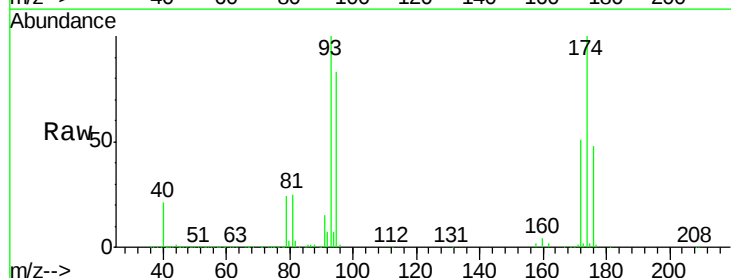
Tgt Ion: 93 Resp: 144753

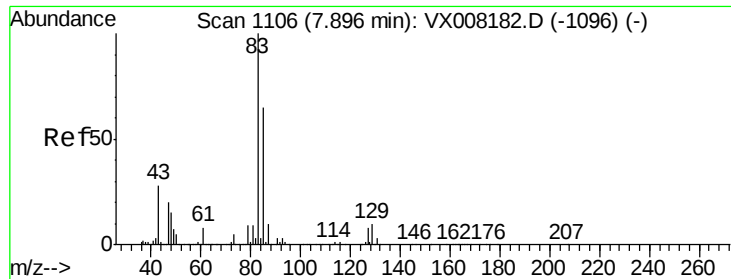
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 98.5 97.3 145.9





#47

Bromodichloromethane

Concen: 53.047 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

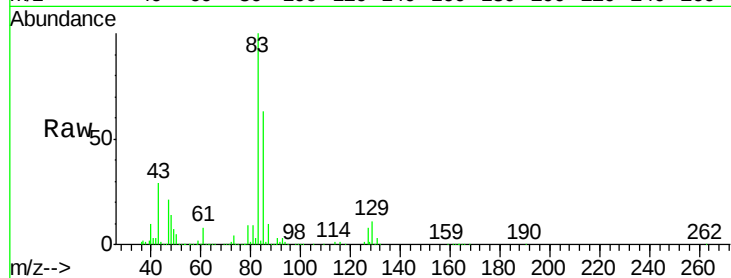
Tot Ion: 83 Resp: 282759

Ion Ratio Lower Upper

83 100

85 62.6 50.9 76.3

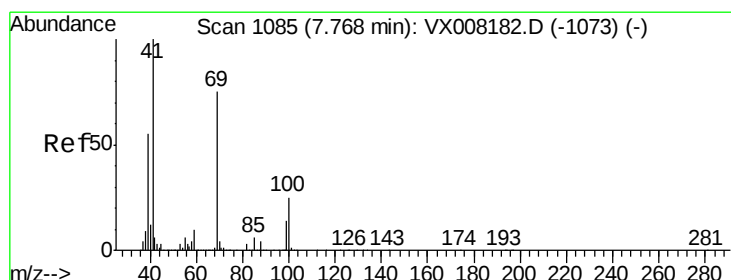
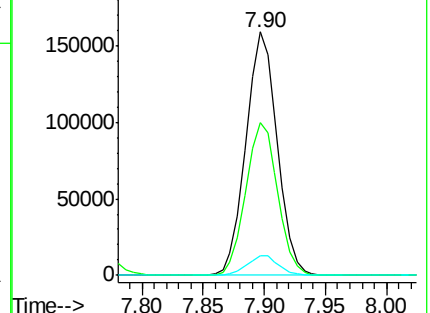
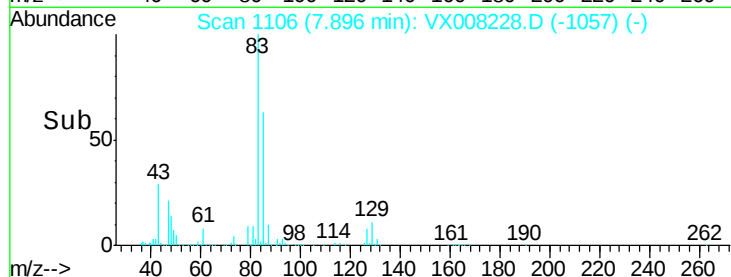
127 8.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.533 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

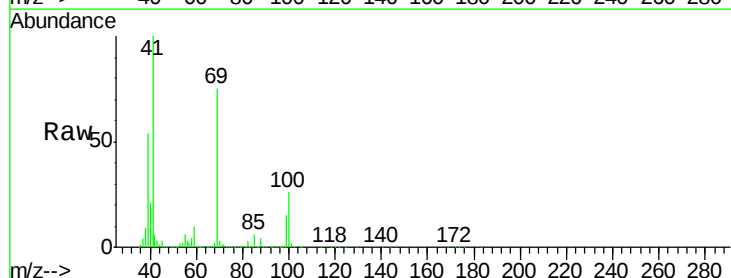
Tgt Ion: 41 Resp: 300693

Ion Ratio Lower Upper

41 100

69 76.1 65.2 97.8

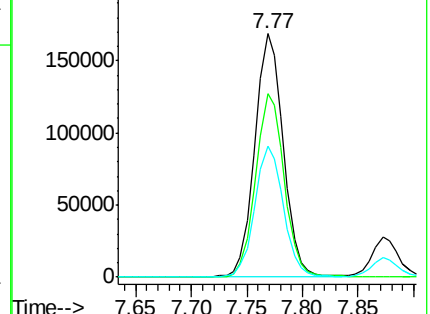
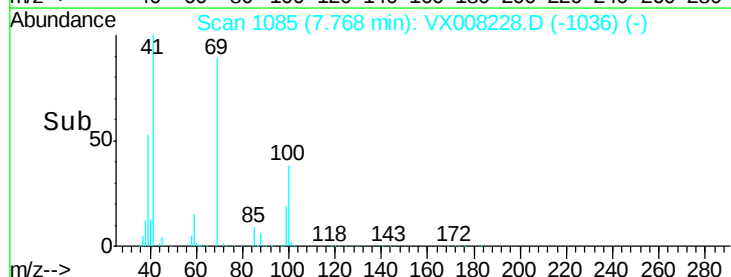
39 53.9 39.4 59.2

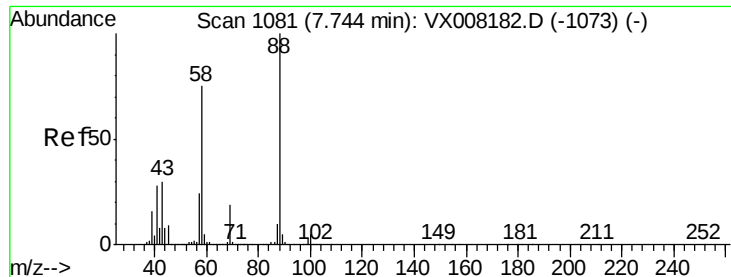


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1014.816 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

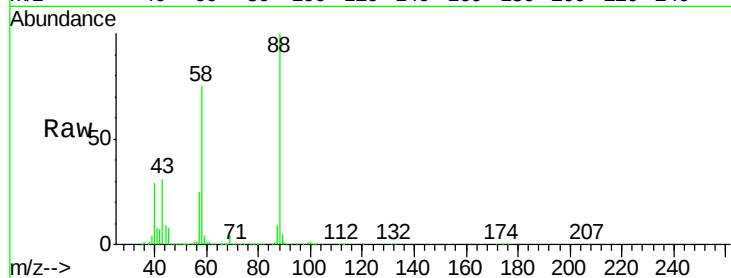
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 100590

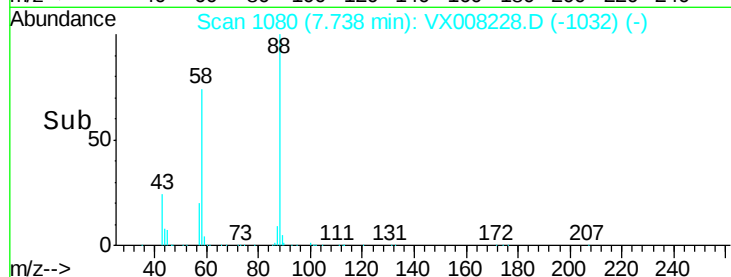
Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.1	37.7
58	78.4	57.8	86.6



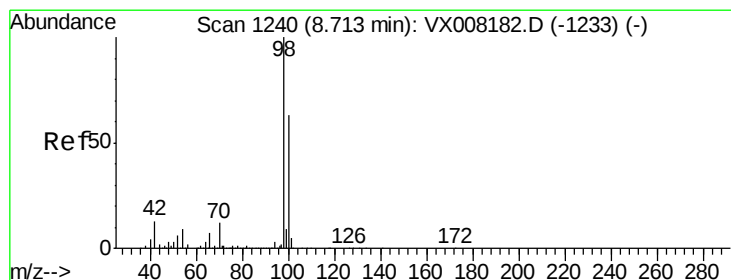
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 47.183 ug/l

RT: 8.71 min Scan# 1240

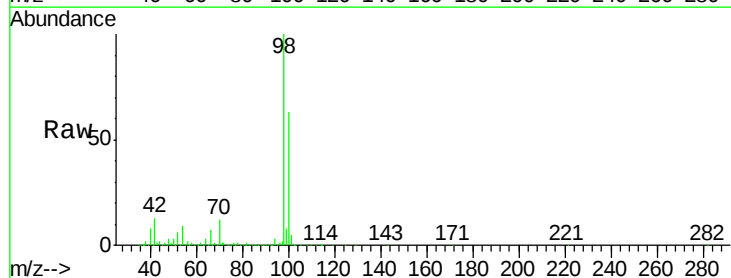
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

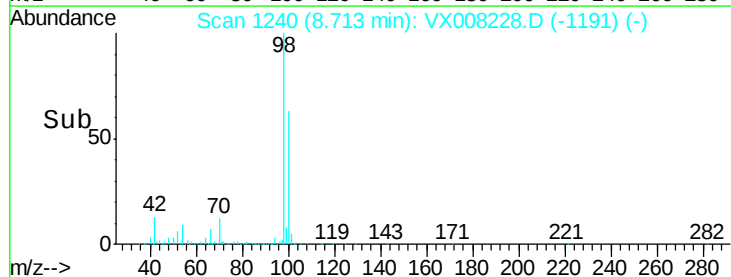
Tgt Ion: 98 Resp: 573456

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5

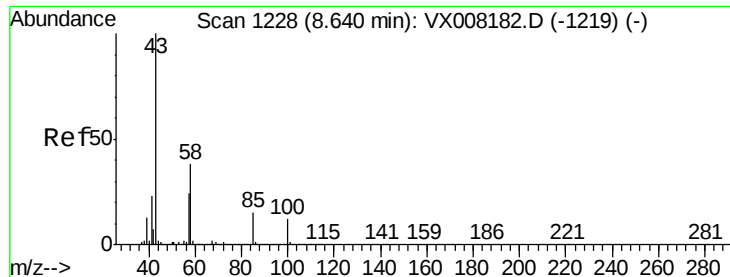


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 269.608 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

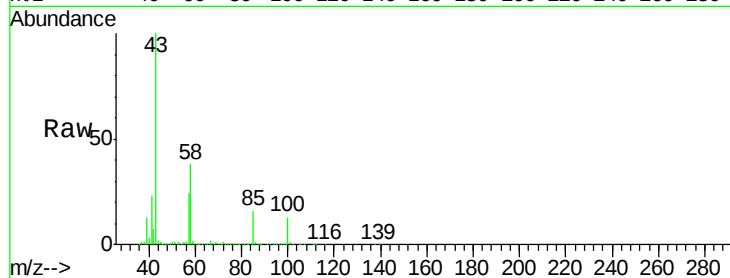
VSTDCCC050EC

Tot Ion: 43 Resp: 1841295

Ion Ratio Lower Upper

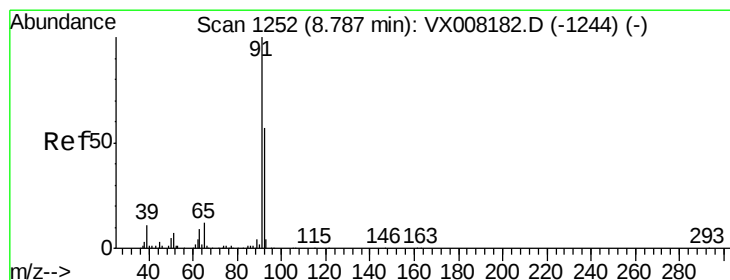
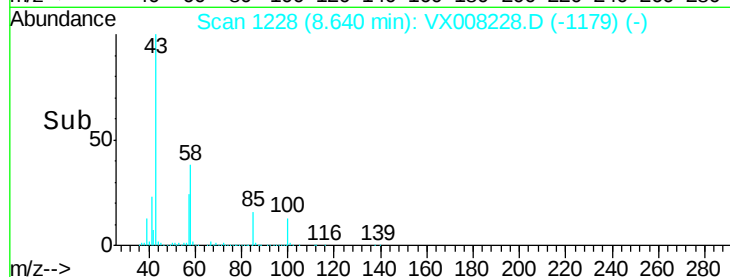
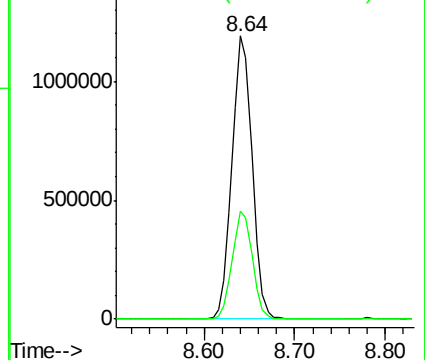
43 100

58 37.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.740 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008228.D

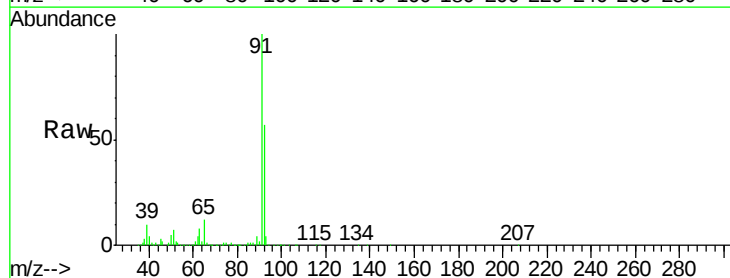
Acq: 20 Mar 2019 07:46

Tgt Ion: 92 Resp: 496738

Ion Ratio Lower Upper

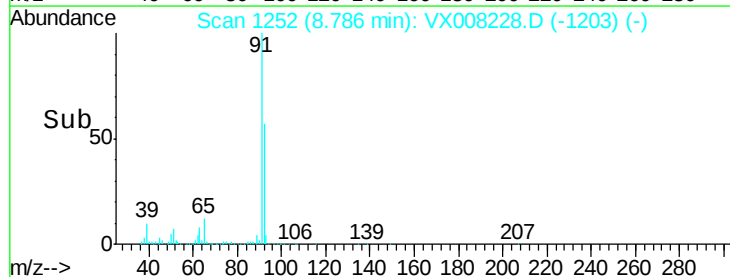
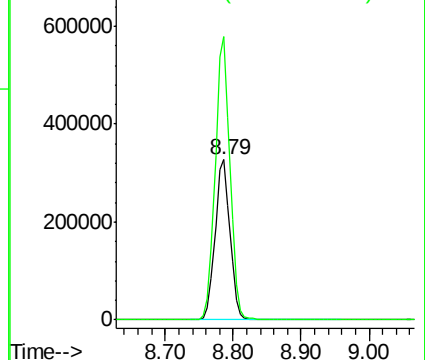
92 100

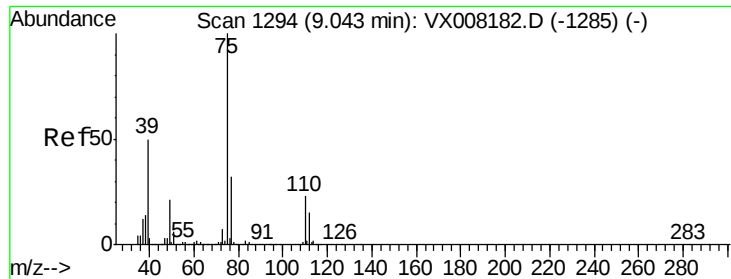
91 175.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

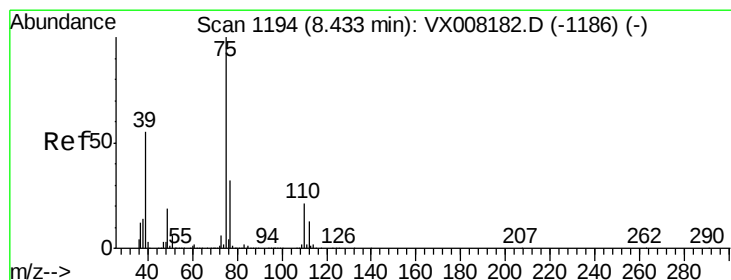
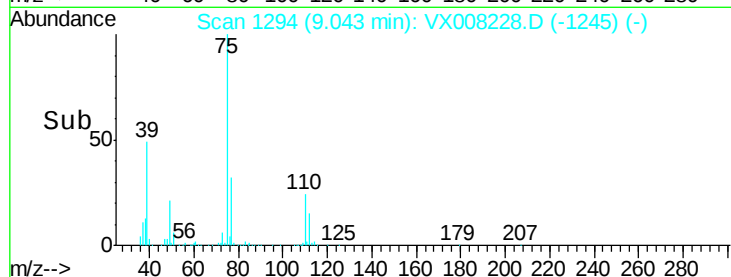
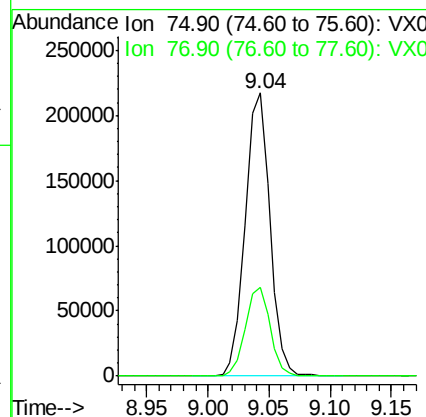
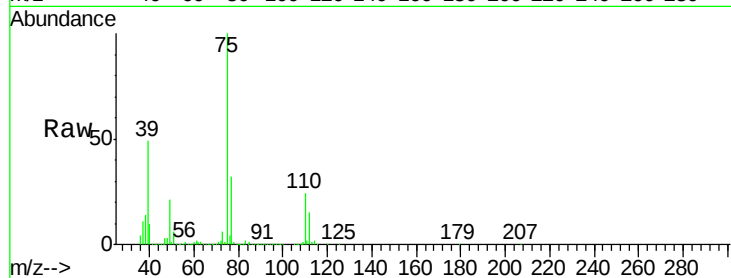




#53
t-1,3-Dichloropropene
Concen: 45.694 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

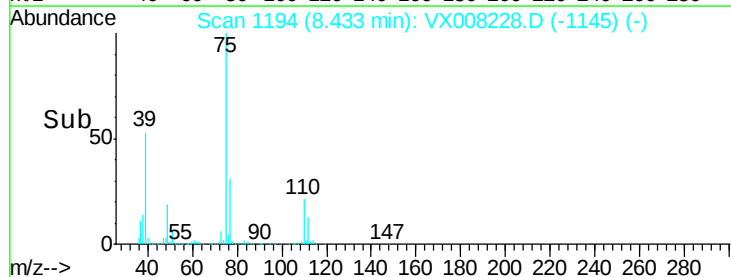
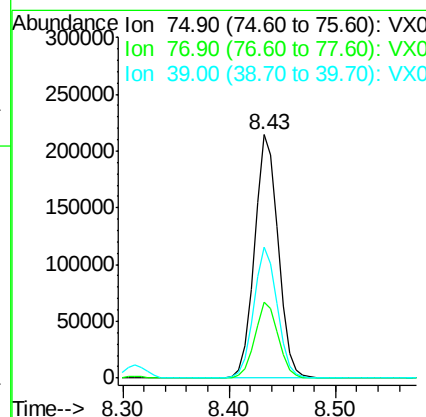
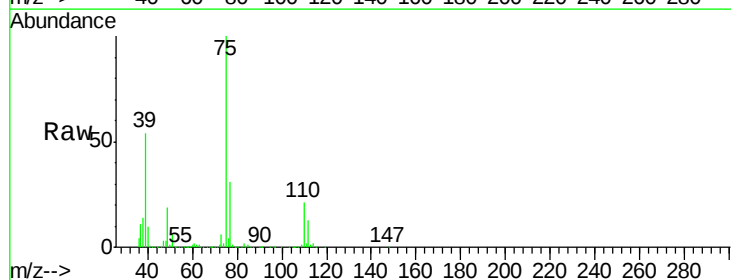
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

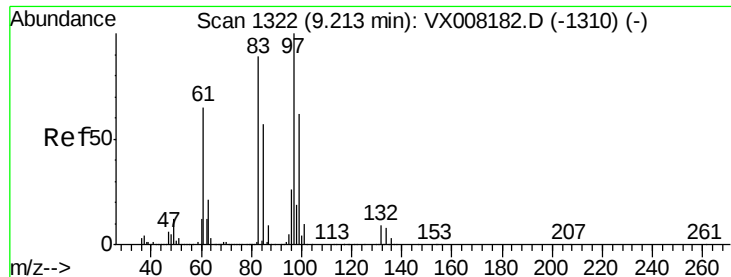
Tot Ion: 75 Resp: 304186
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.479 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 75 Resp: 333930
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 53.5 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 53.535 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 211754

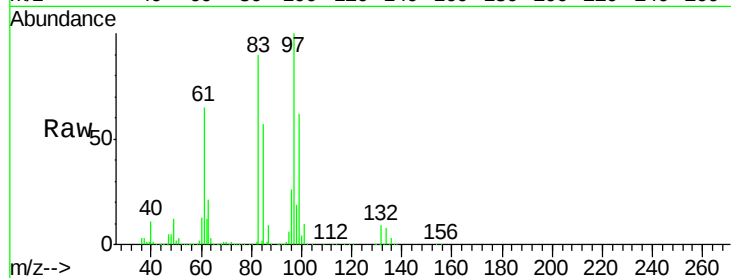
Ion Ratio Lower Upper

97 100

83 89.6 69.1 103.7

85 56.6 44.3 66.5

99 62.5 49.8 74.8

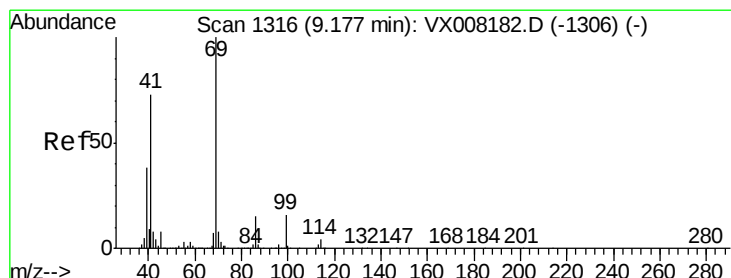
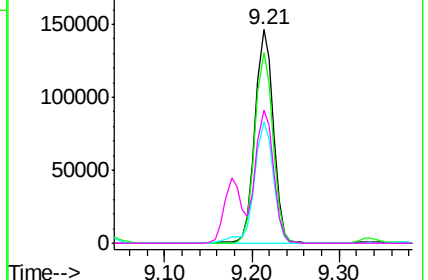
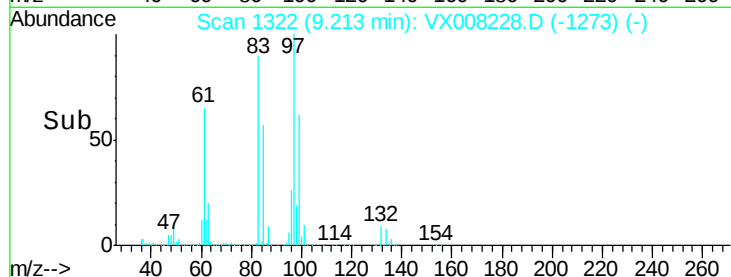


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.980 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

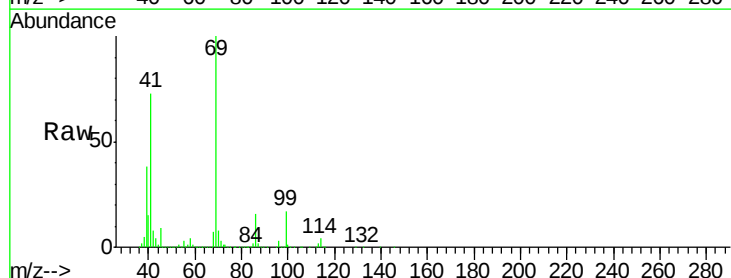
Tgt Ion: 69 Resp: 353770

Ion Ratio Lower Upper

69 100

41 72.5 54.2 81.4

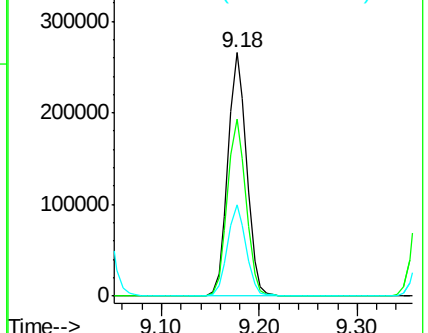
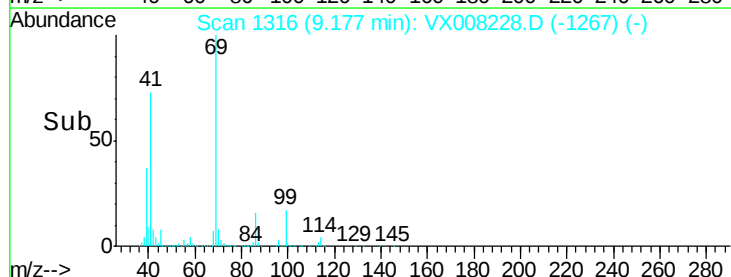
39 37.2 25.0 37.4

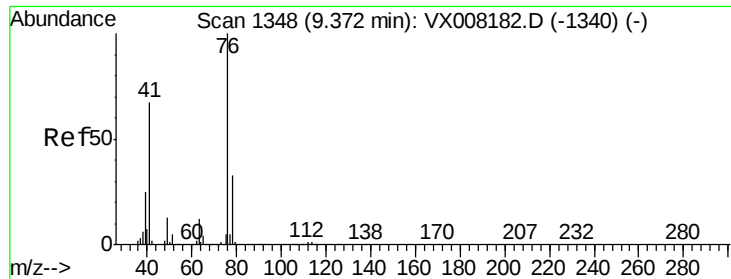


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.129 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

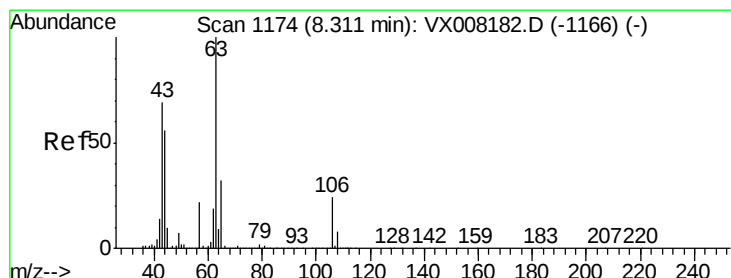
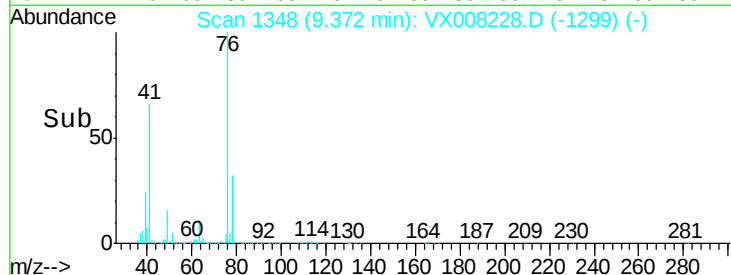
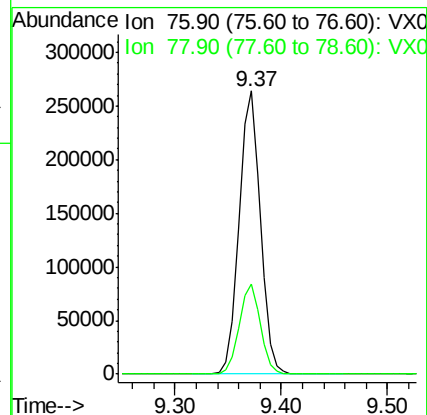
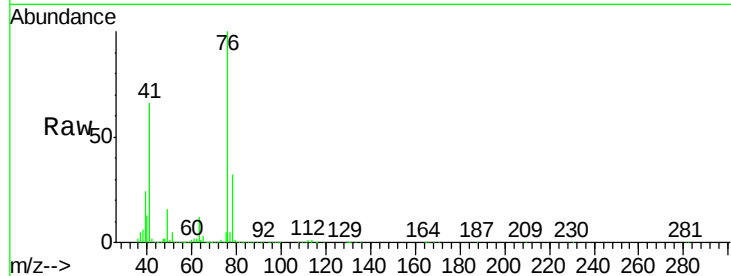
VSTDCCC050EC

Tot Ion: 76 Resp: 371755

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 250.170 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008228.D

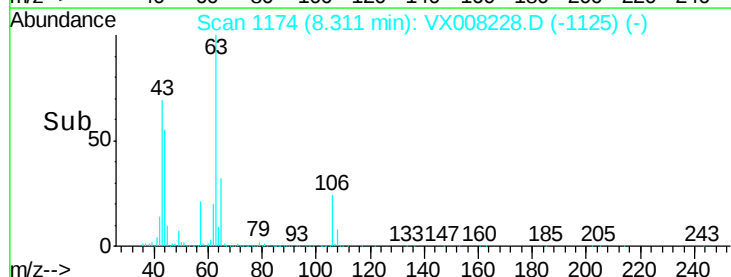
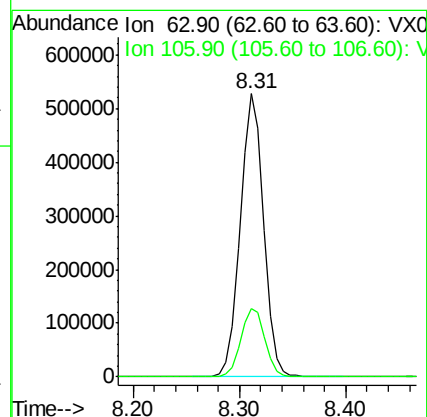
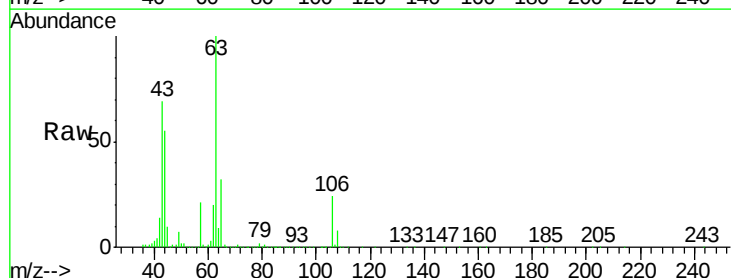
Acq: 20 Mar 2019 07:46

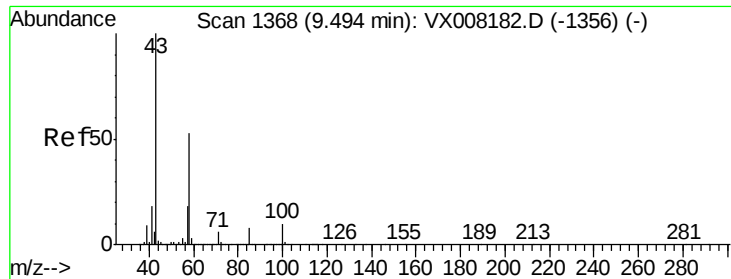
Tgt Ion: 63 Resp: 810749

Ion Ratio Lower Upper

63 100

106 24.9 22.2 33.2

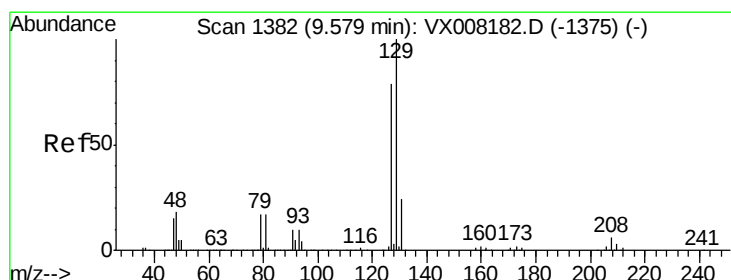
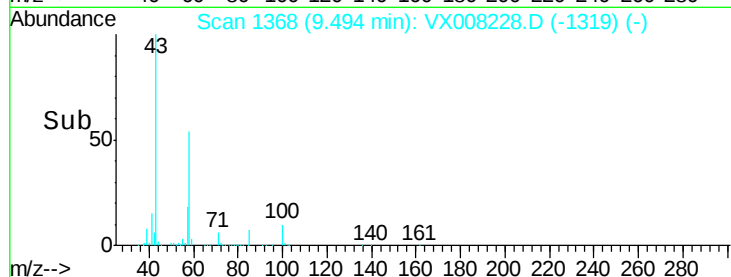
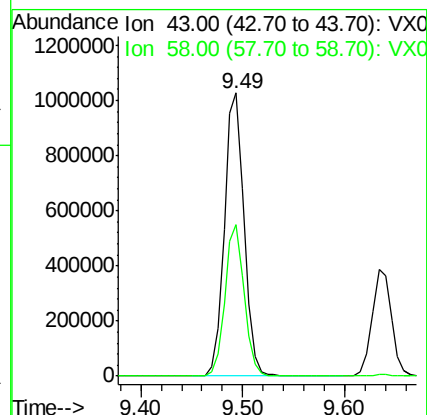
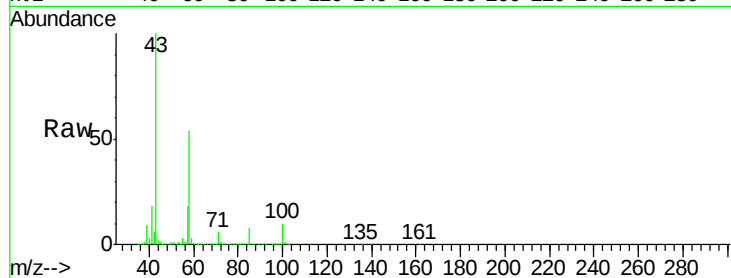




#59
2-Hexanone
Concen: 262.998 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

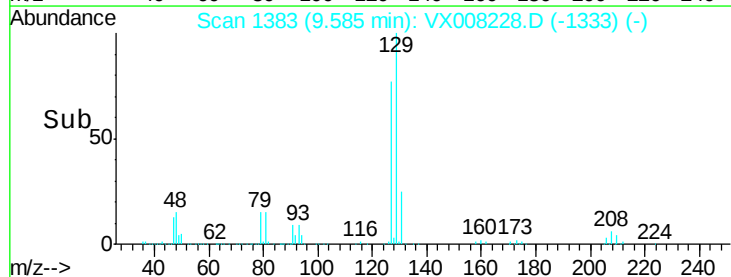
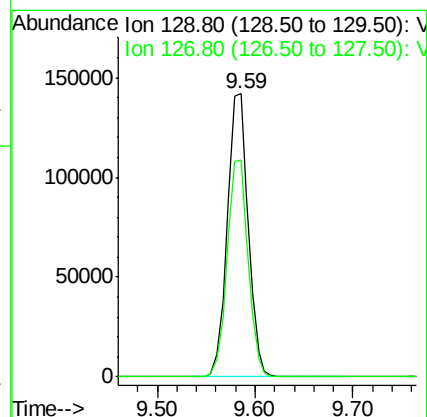
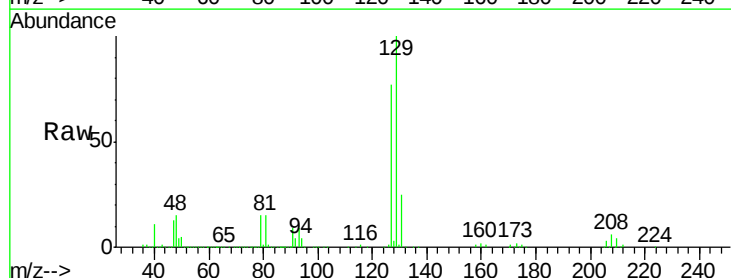
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

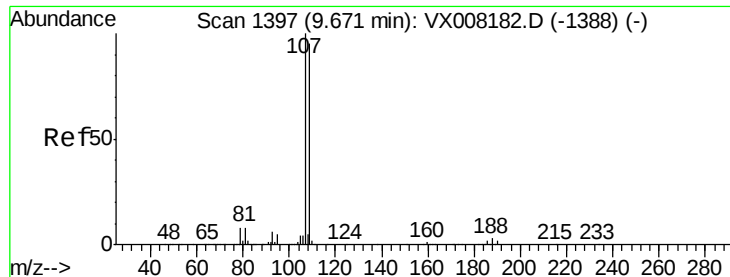
Tot Ion: 43 Resp: 1382815
Ion Ratio Lower Upper
43 100
58 52.5 27.6 82.7



#60
Dibromochloromethane
Concen: 55.210 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 129 Resp: 209873
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.110 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

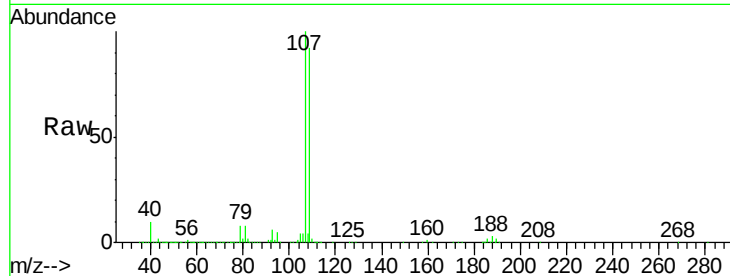
VSTDCCC050EC

Tot Ion:107 Resp: 219351

Ion Ratio Lower Upper

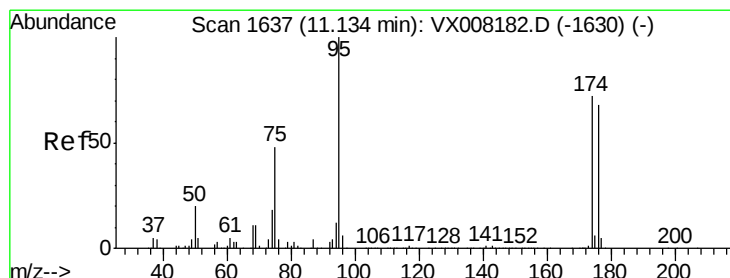
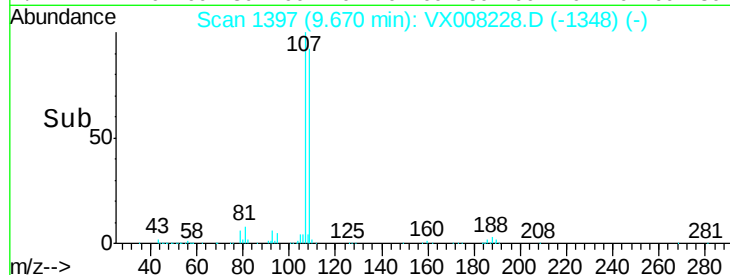
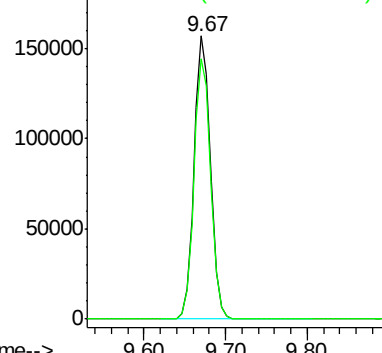
107 100

109 94.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.488 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

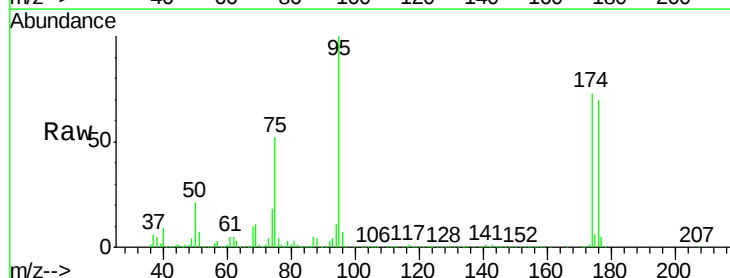
Tgt Ion: 95 Resp: 202916

Ion Ratio Lower Upper

95 100

174 78.6 0.0 182.8

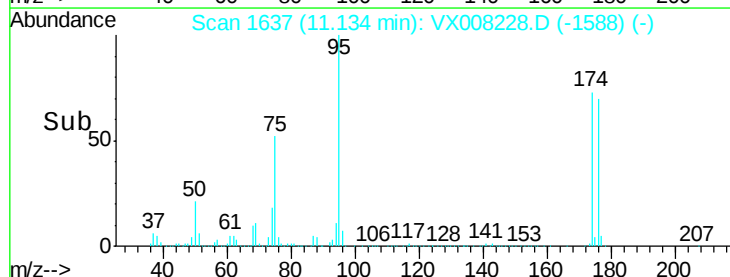
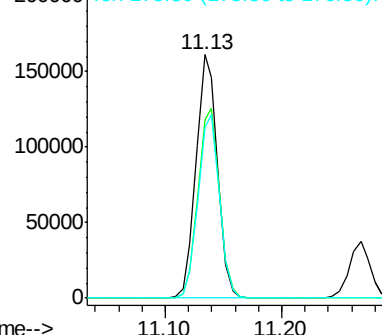
176 76.1 0.0 178.0

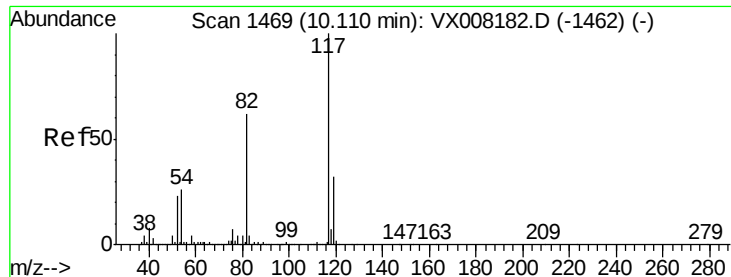


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

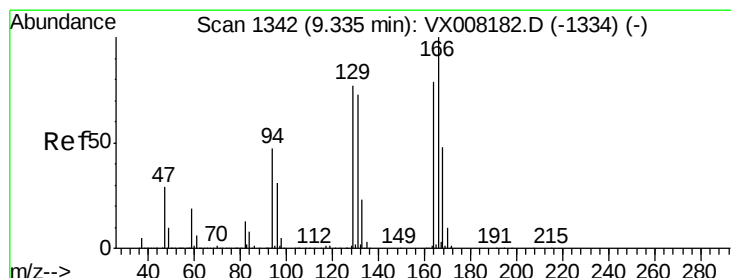
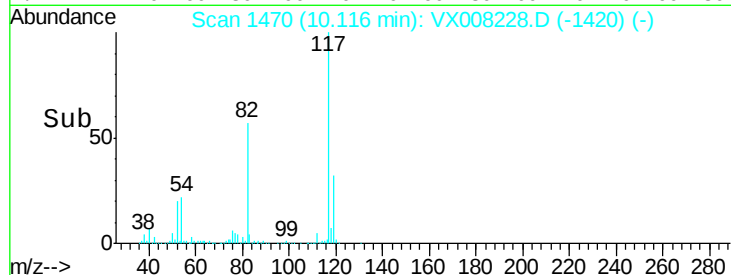
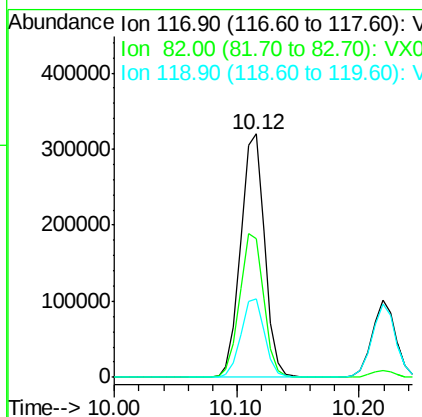
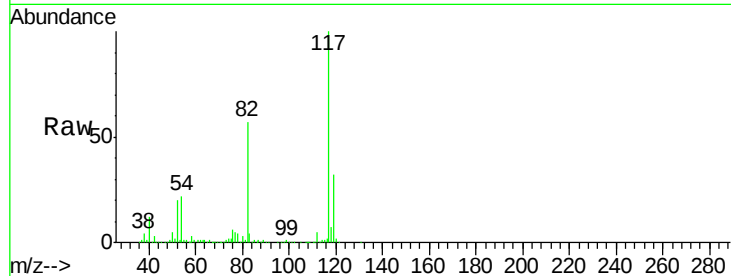




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

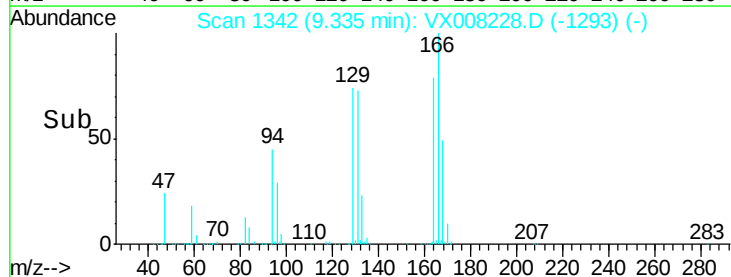
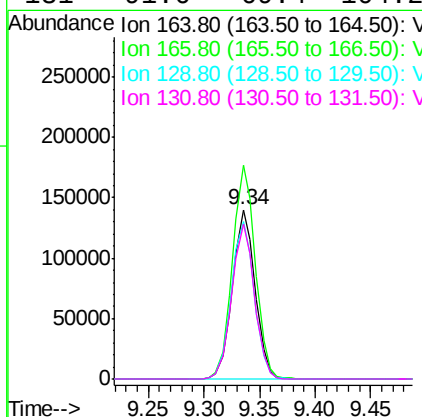
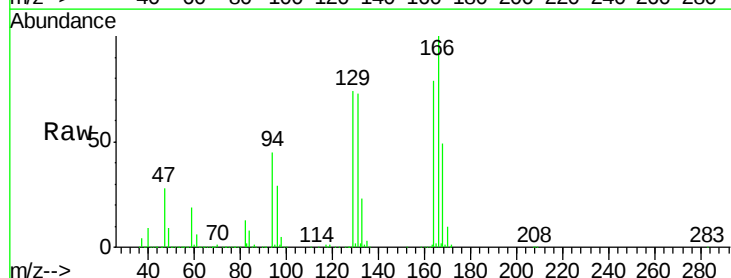
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

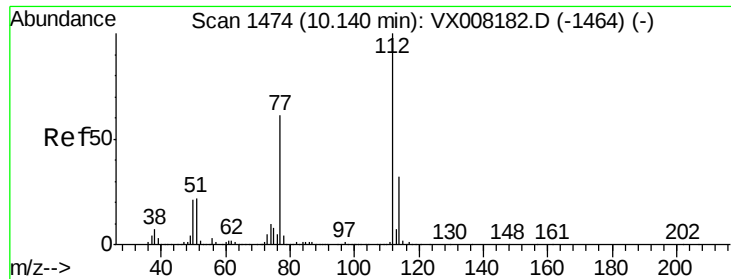
Tot Ion:117 Resp: 431603
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 50.611 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion:164 Resp: 197071
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.0
129 93.3 72.2 108.4
131 91.6 69.4 104.2





#65

Chlorobenzene

Concen: 49.574 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

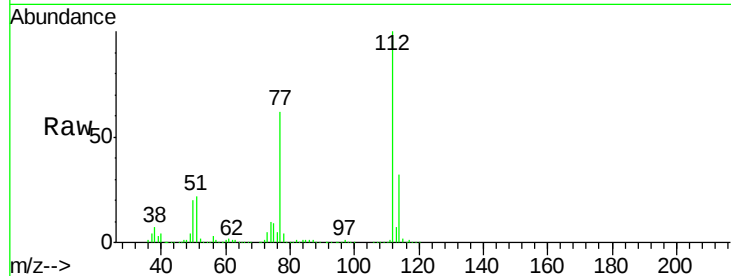
VSTDCCC050EC

Tot Ion:112 Resp: 526477

Ion Ratio Lower Upper

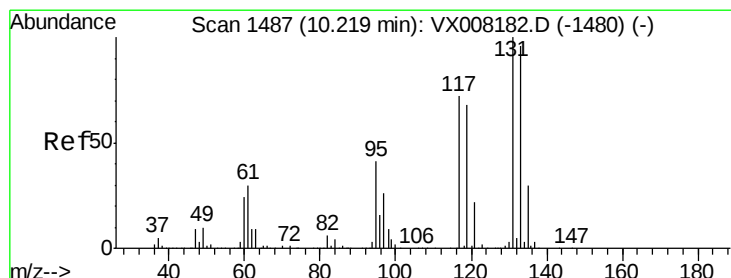
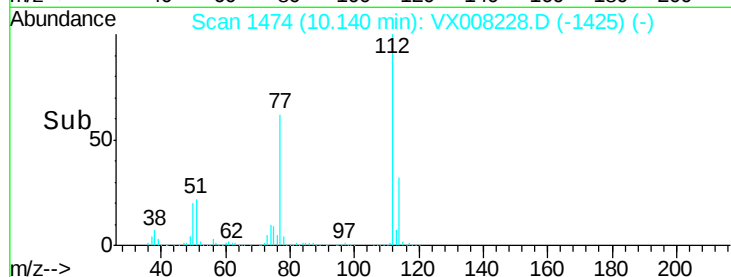
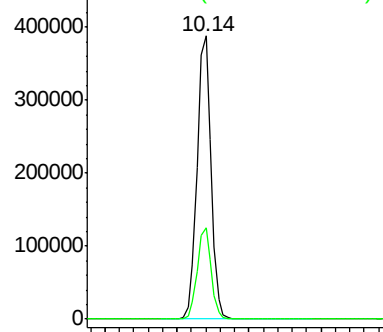
112 100

114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.233 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

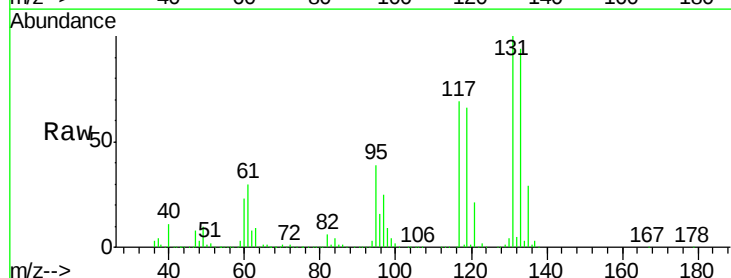
Tgt Ion:131 Resp: 193406

Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

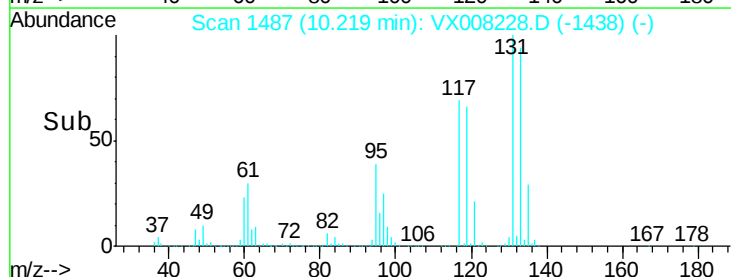
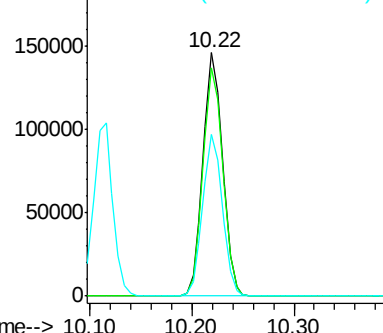
119 66.6 32.5 97.5

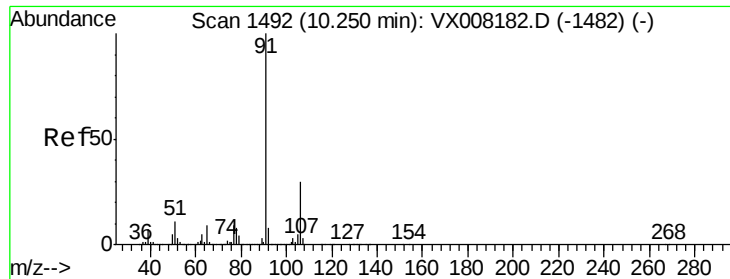


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.016 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

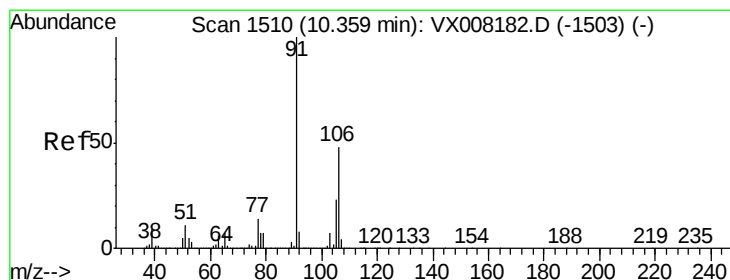
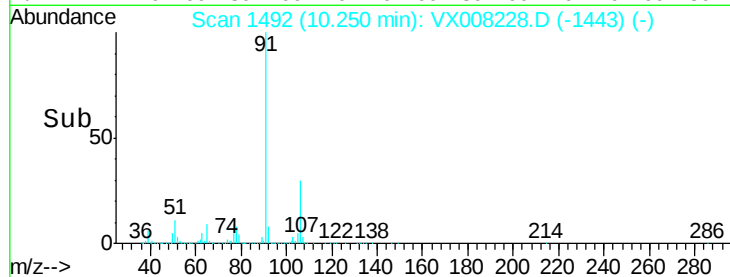
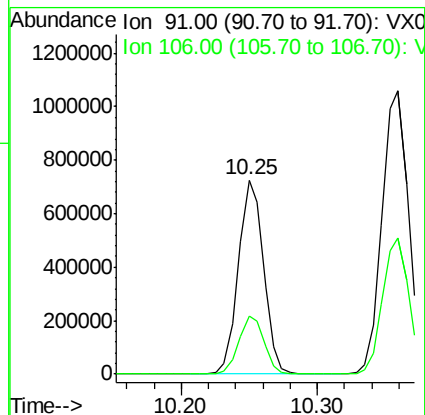
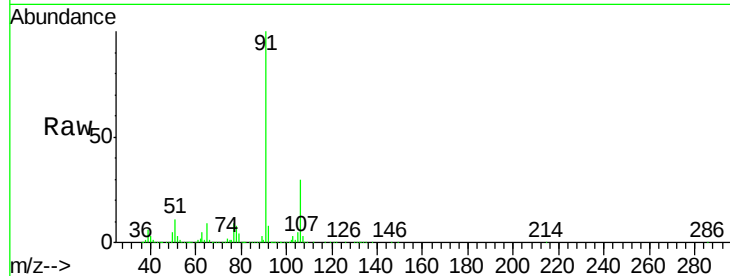
VSTDCCC050EC

Tot Ion: 91 Resp: 936037

Ion Ratio Lower Upper

91 100

106 30.0 25.2 37.8



#68

m/p-Xylenes

Concen: 99.973 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008228.D

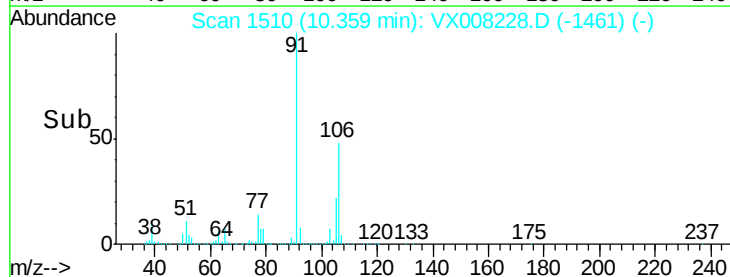
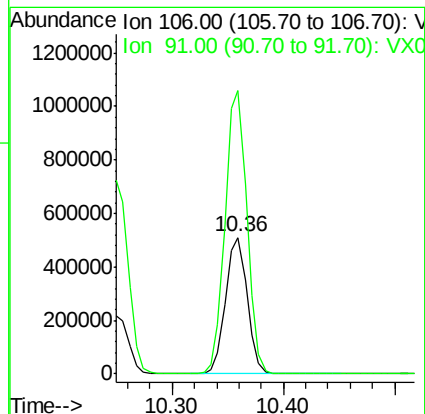
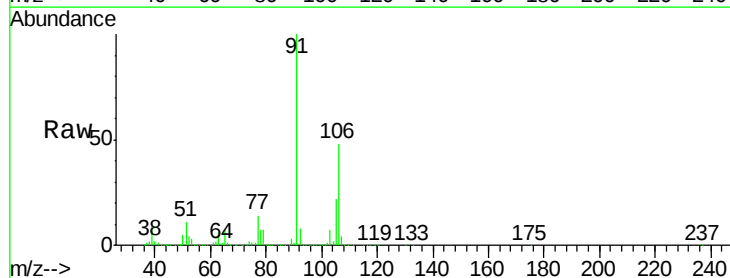
Acq: 20 Mar 2019 07:46

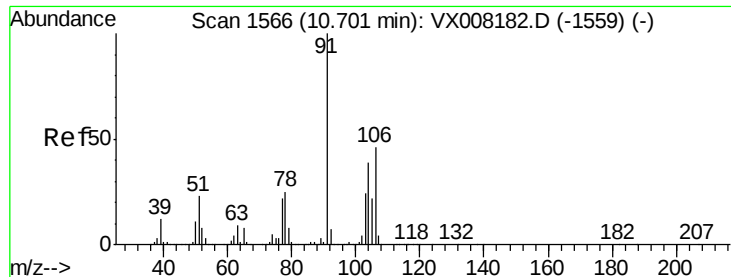
Tgt Ion: 106 Resp: 687273

Ion Ratio Lower Upper

106 100

91 209.5 159.8 239.6

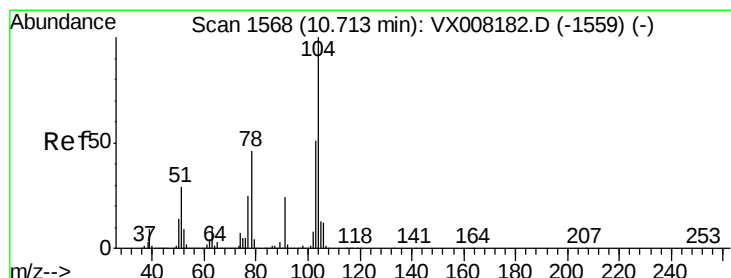
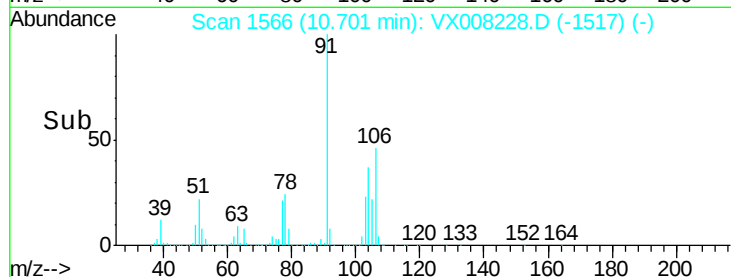
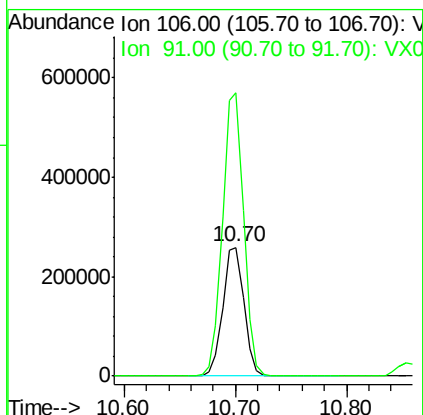
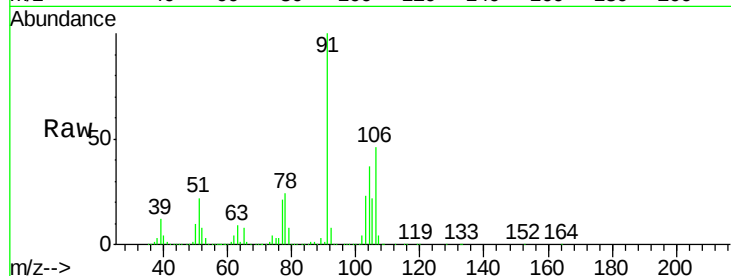




#69
o-Xylene
Concen: 50.988 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

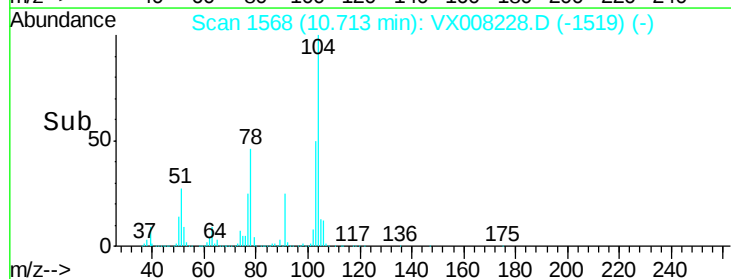
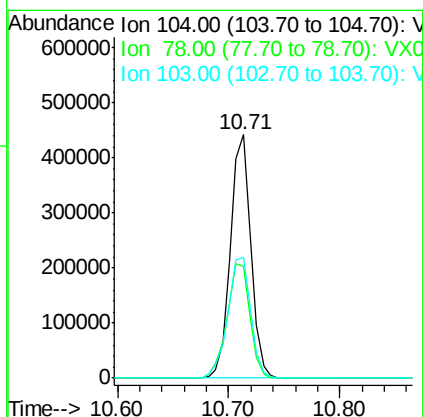
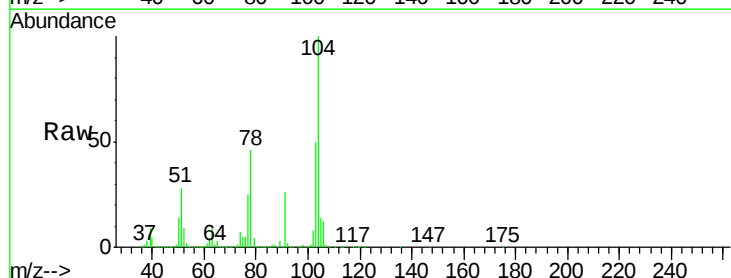
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

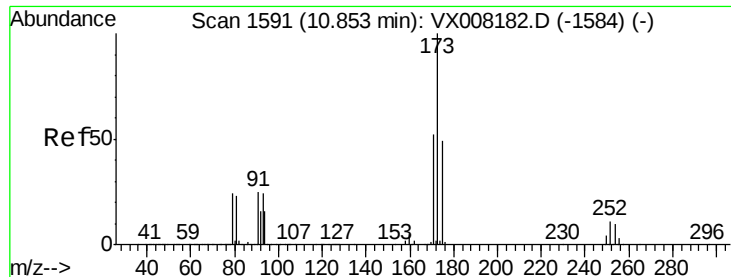
Tot Ion:106 Resp: 340602
Ion Ratio Lower Upper
106 100
91 219.3 106.3 318.9



#70
Styrene
Concen: 51.490 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion:104 Resp: 558984
Ion Ratio Lower Upper
104 100
78 53.5 38.5 57.7
103 56.1 44.1 66.1





#71

Bromoform

Concen: 47.753 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

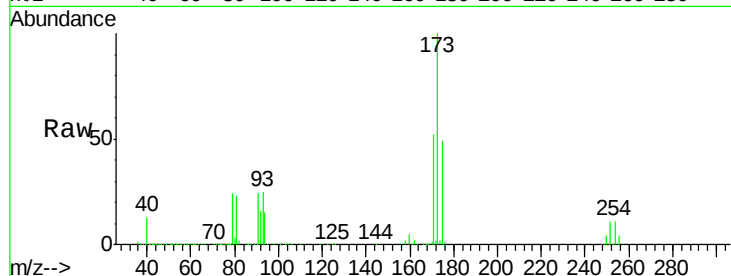
Tot Ion:173 Resp: 152019

Ion Ratio Lower Upper

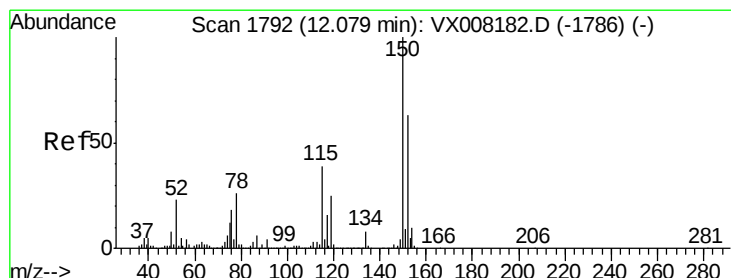
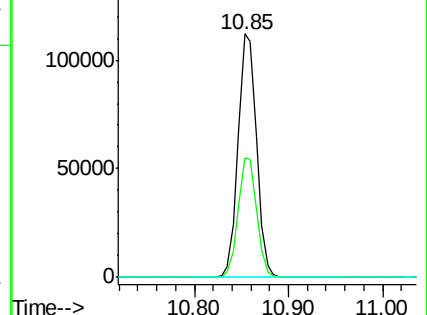
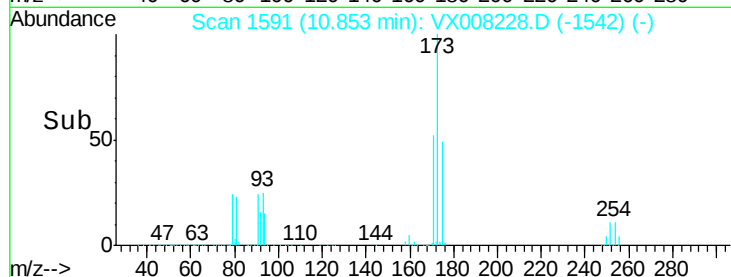
173 100

175 49.6 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: VX008228.D

Acq: 20 Mar 2019 07:46

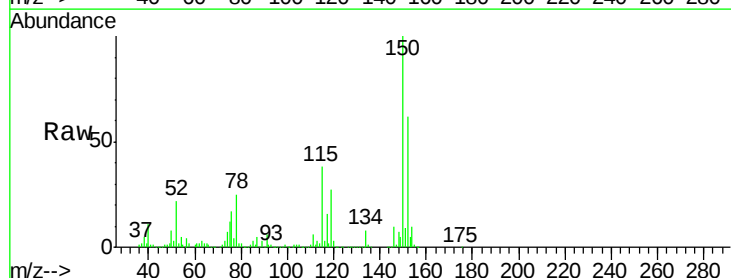
Tgt Ion:152 Resp: 197467

Ion Ratio Lower Upper

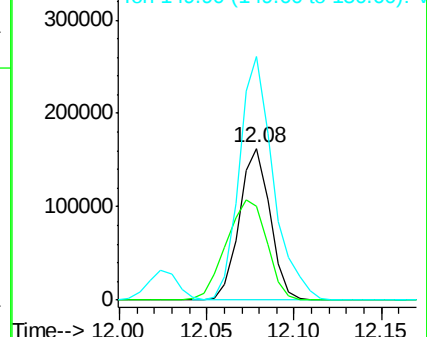
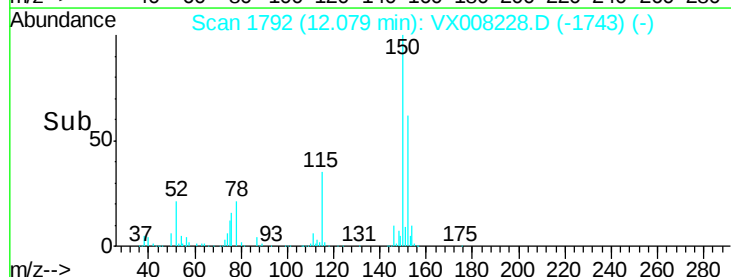
152 100

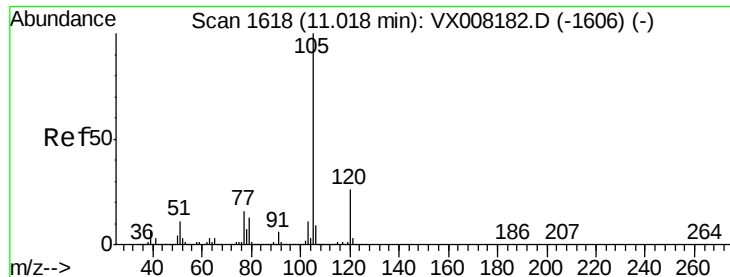
115 87.9 38.6 115.7

150 177.9 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: 50.208 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

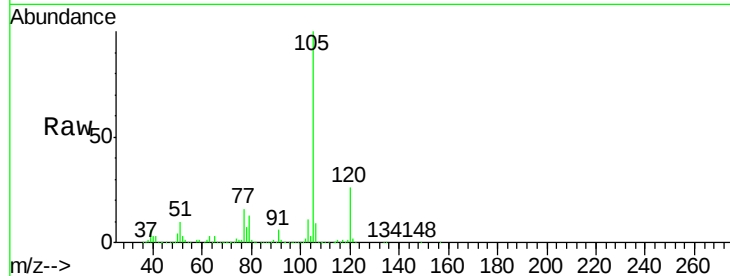
VSTDCCC050EC

Tot Ion:105 Resp: 883737

Ion Ratio Lower Upper

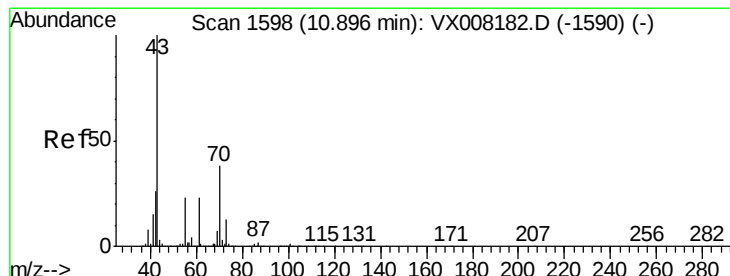
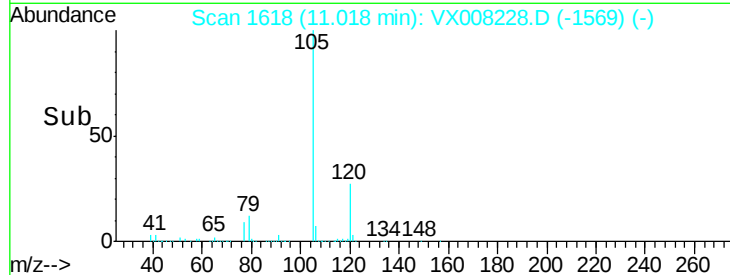
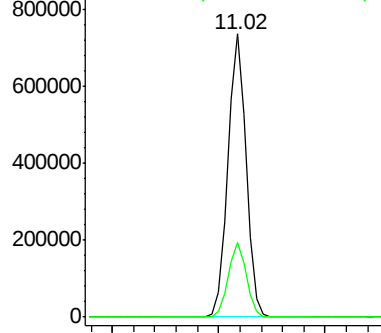
105 100

120 26.1 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: 52.745 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 486403

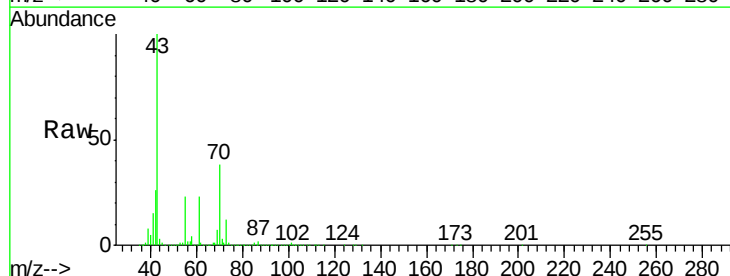
Ion Ratio Lower Upper

43 100

70 38.5 33.5 50.3

55 23.5 19.2 28.8

61 23.2 19.0 28.6

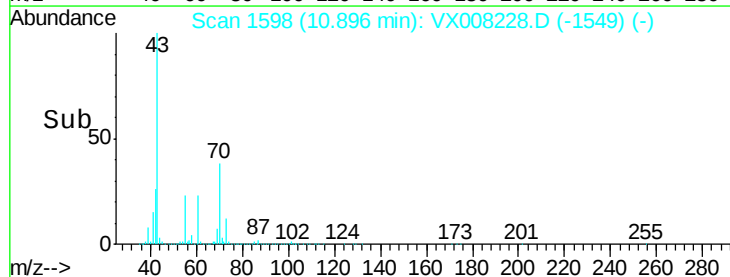
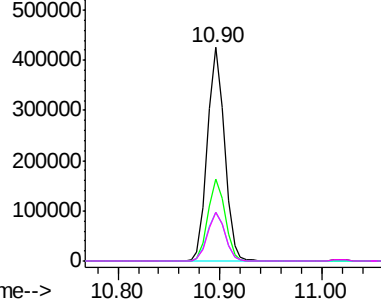


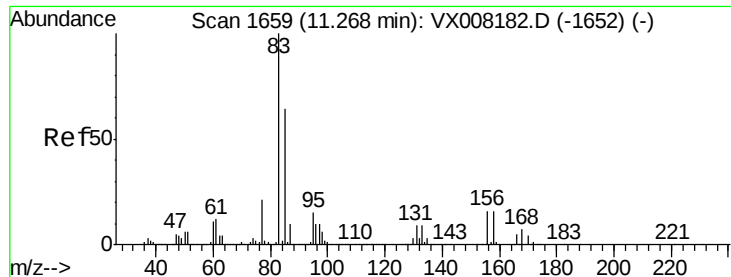
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.024 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

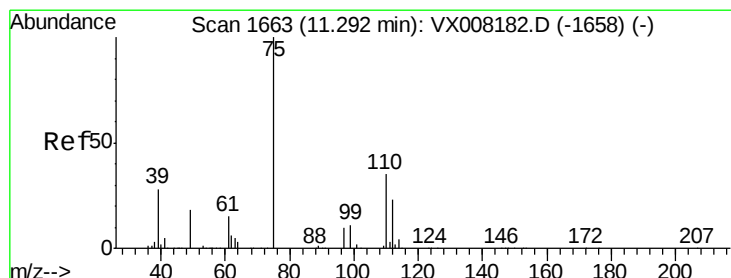
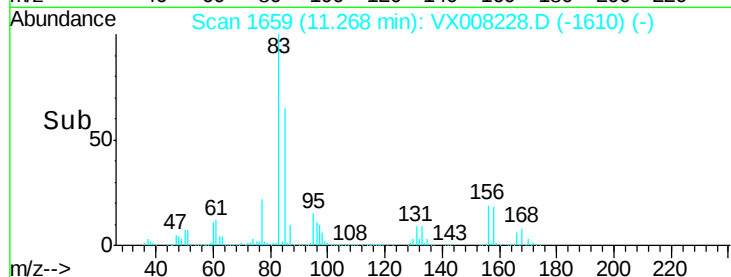
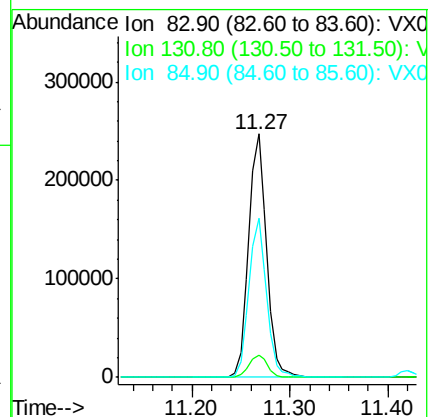
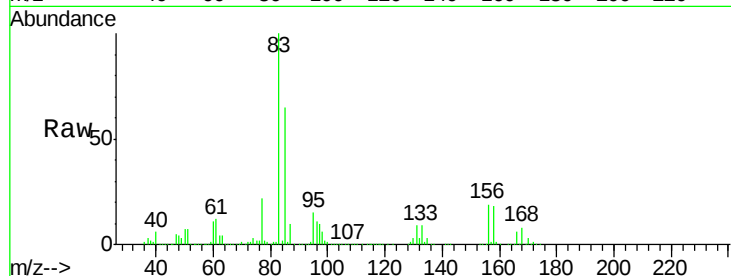
Tot Ion: 83 Resp: 315727

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

85 64.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 67.961 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008228.D

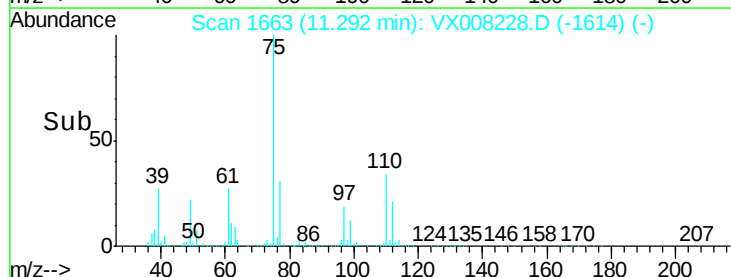
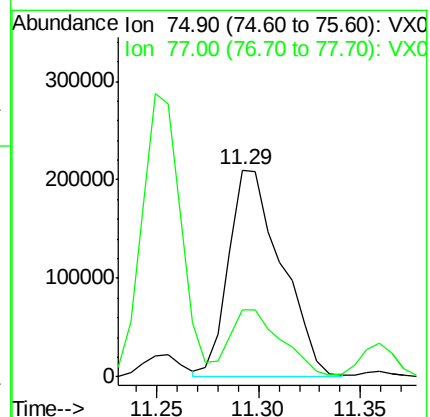
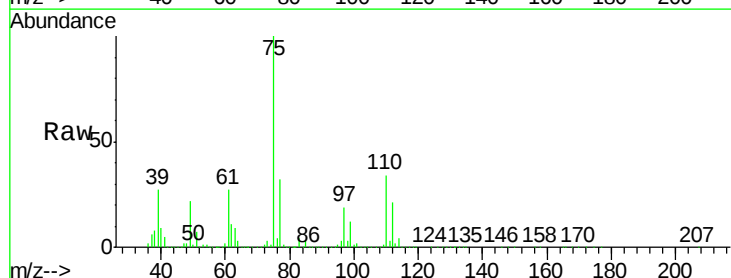
Acq: 20 Mar 2019 07:46

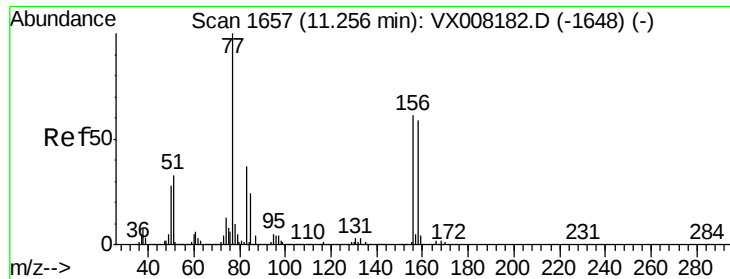
Tgt Ion: 75 Resp: 377455

Ion Ratio Lower Upper

75 100

77 32.3 18.9 56.7





#77

Bromobenzene

Concen: 51.382 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

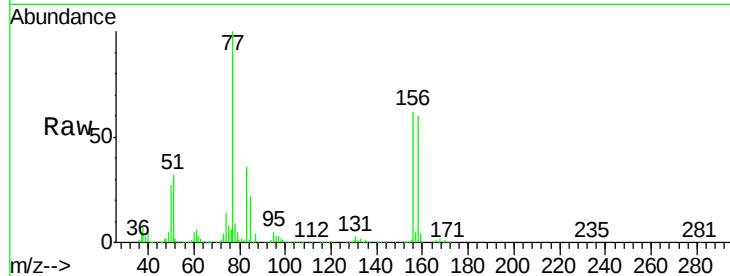
Tot Ion:156 Resp: 218664

Ion Ratio Lower Upper

156 100

77 172.2 72.0 215.9

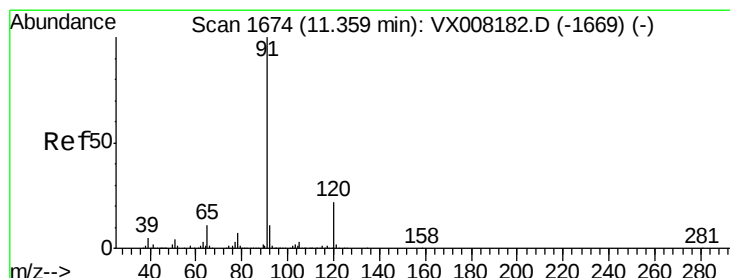
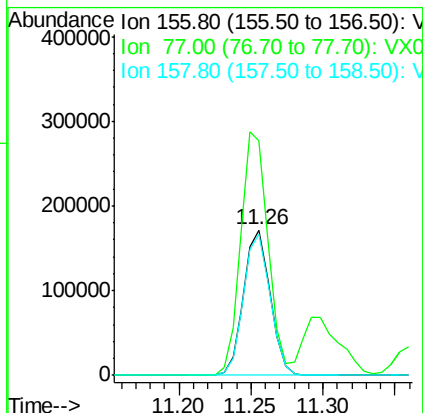
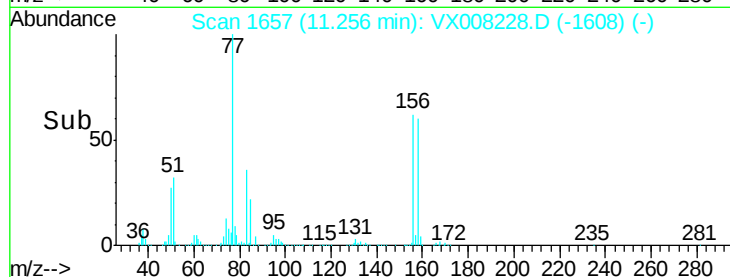
158 97.5 48.6 145.9



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: 49.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008228.D

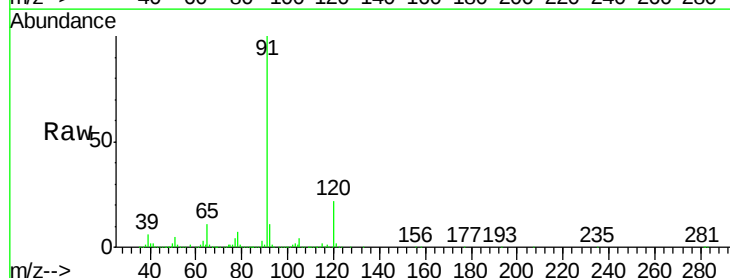
Acq: 20 Mar 2019 07:46

Tgt Ion: 91 Resp: 1017195

Ion Ratio Lower Upper

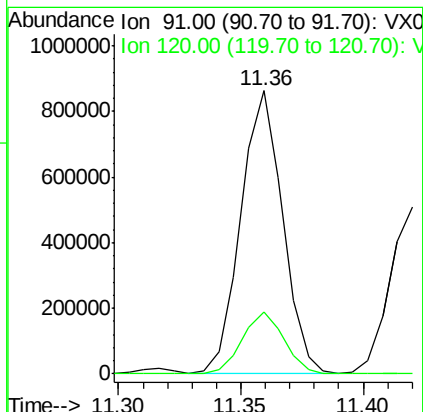
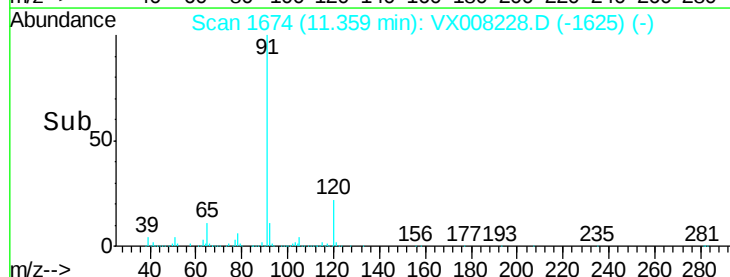
91 100

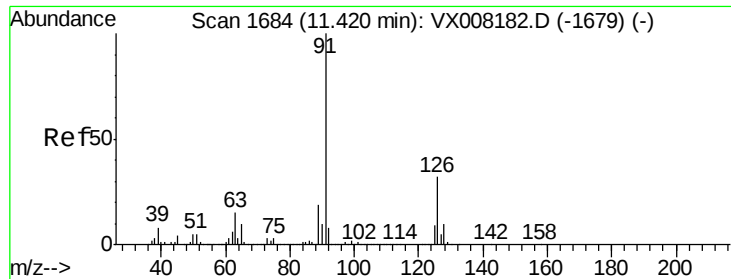
120 21.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

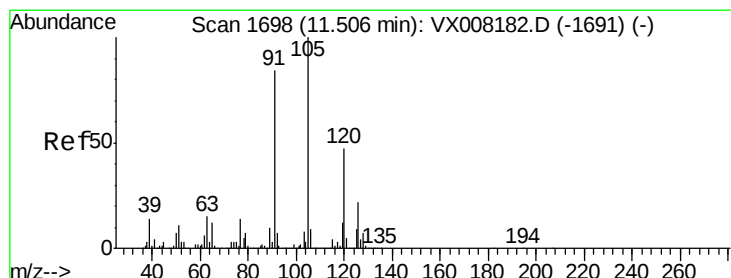
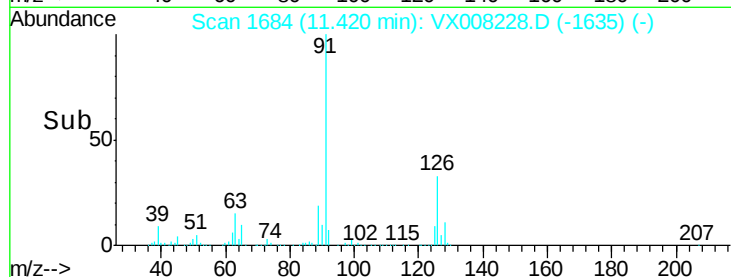
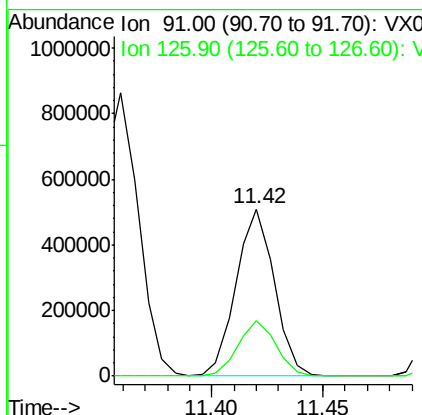
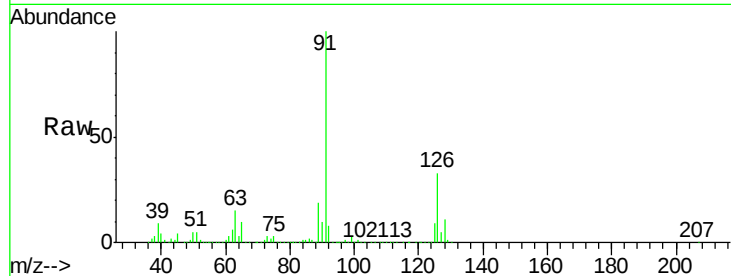




#79
 2-Chlorotoluene
 Concen: 49.635 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

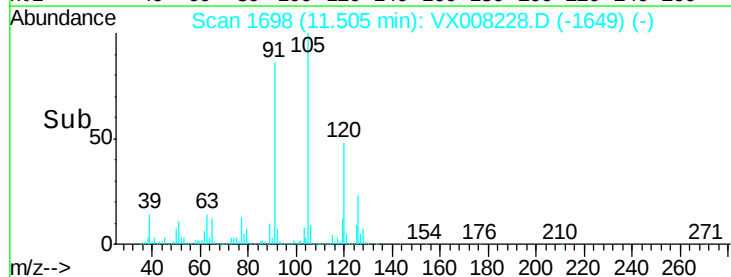
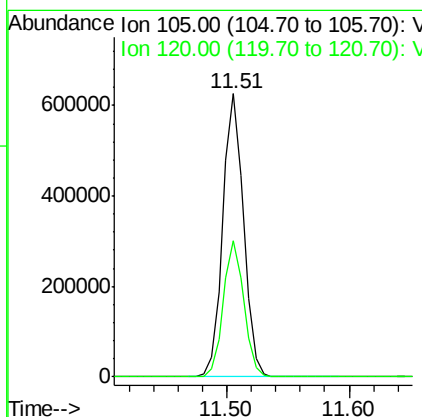
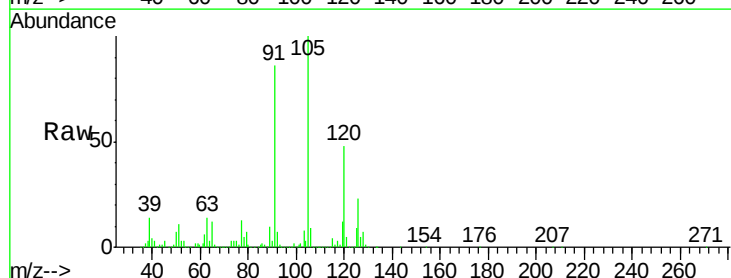
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

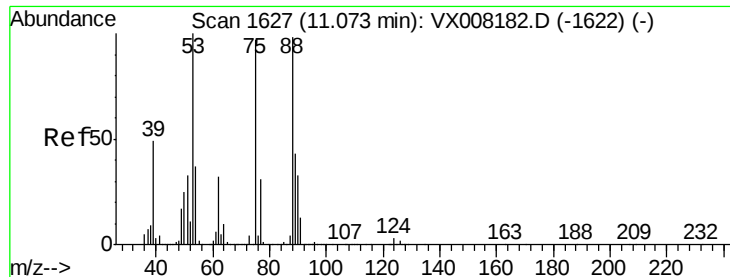
Tot Ion: 91 Resp: 609031
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.491 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 105 Resp: 734218
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 42.412 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

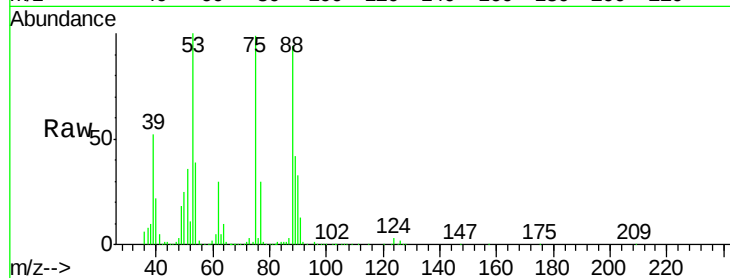
Tot Ion: 75 Resp: 91912

Ion Ratio Lower Upper

75 100

53 102.3 76.1 114.1

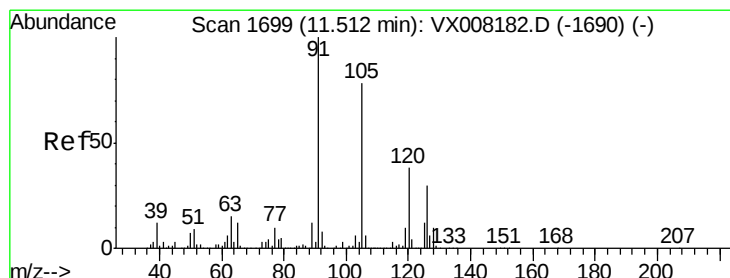
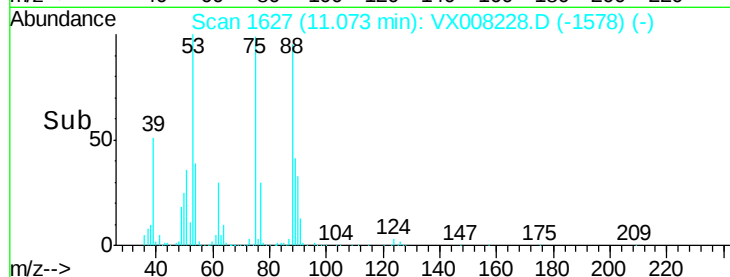
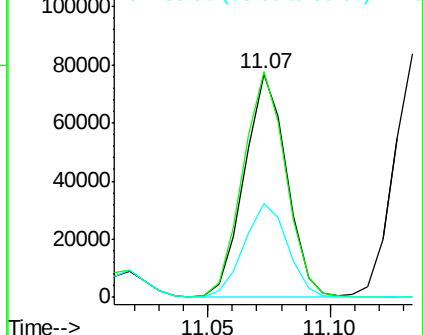
89 43.8 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.725 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008228.D

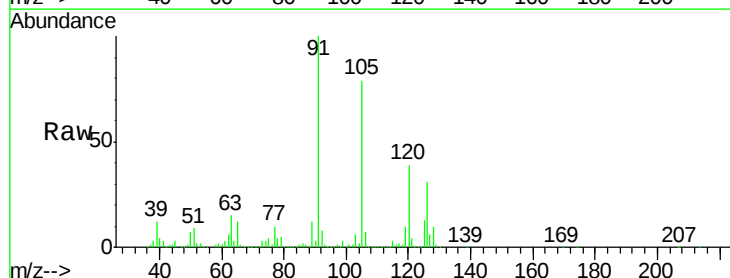
Acq: 20 Mar 2019 07:46

Tgt Ion: 91 Resp: 709996

Ion Ratio Lower Upper

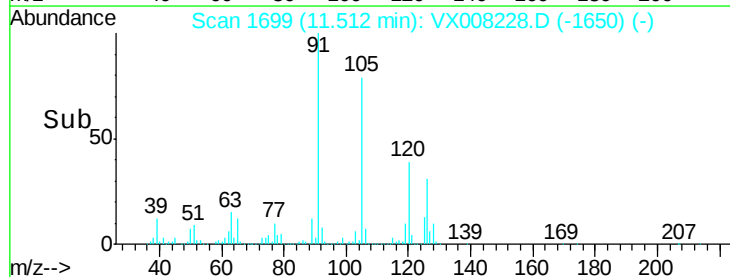
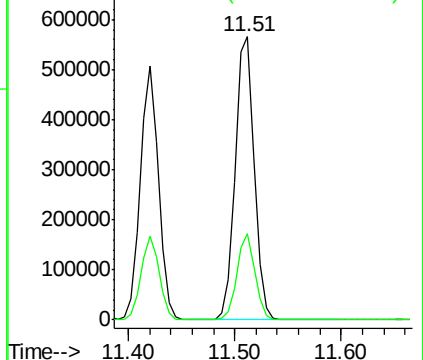
91 100

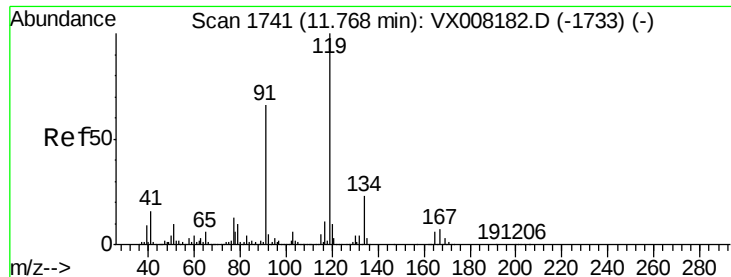
126 29.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.042 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

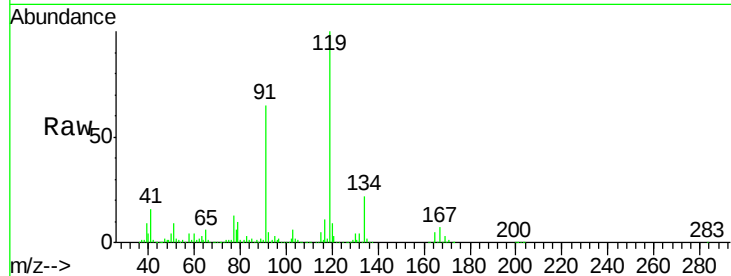
Tot Ion:119 Resp: 680861

Ion Ratio Lower Upper

119 100

91 61.8 27.1 81.3

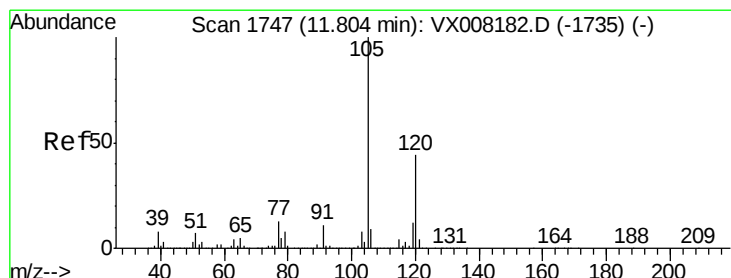
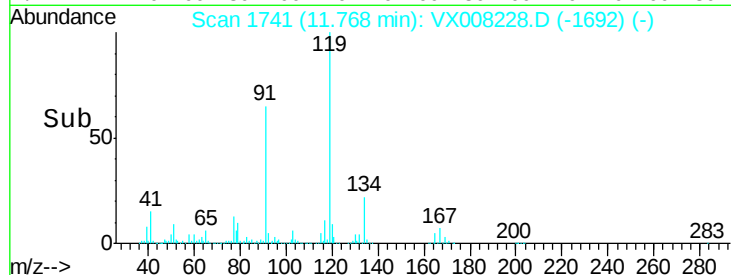
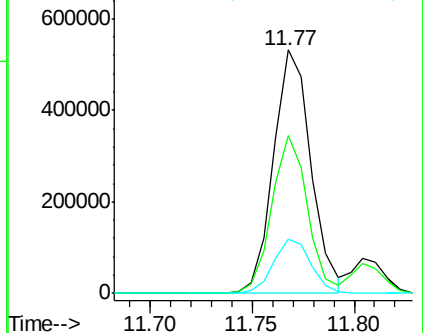
134 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.963 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008228.D

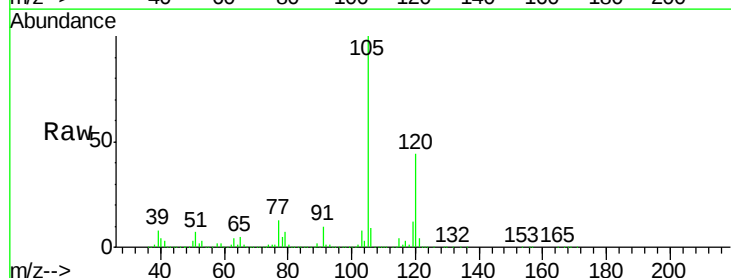
Acq: 20 Mar 2019 07:46

Tgt Ion:105 Resp: 751284

Ion Ratio Lower Upper

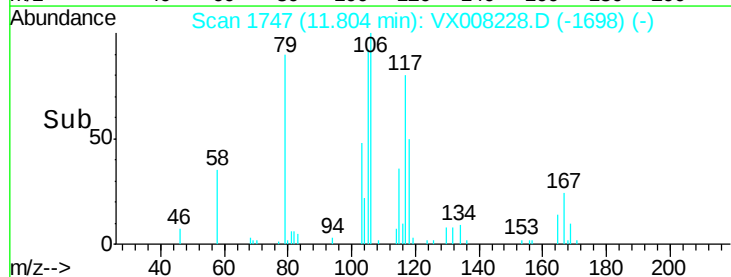
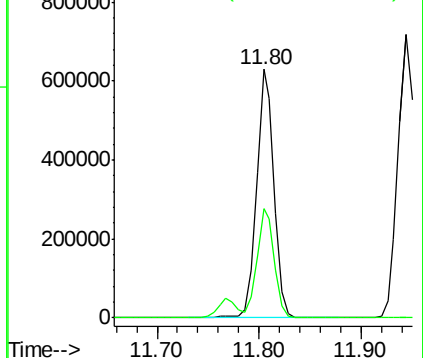
105 100

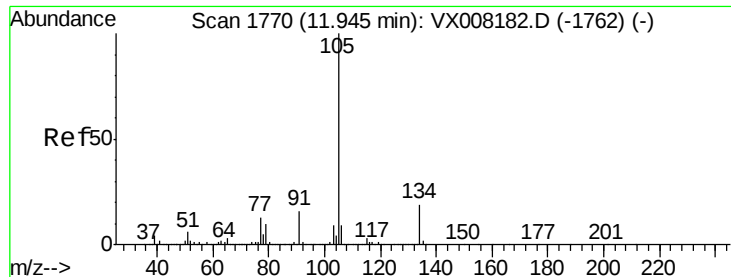
120 43.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.283 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

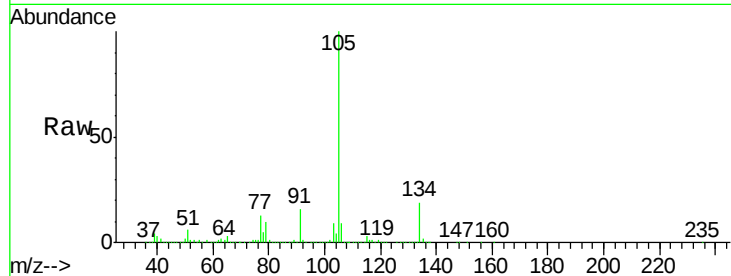
VSTDCCC050EC

Tot Ion:105 Resp: 847299

Ion Ratio Lower Upper

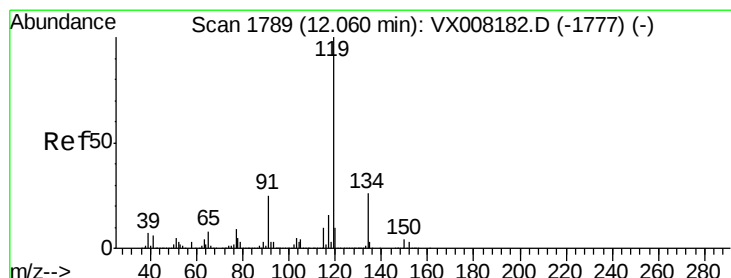
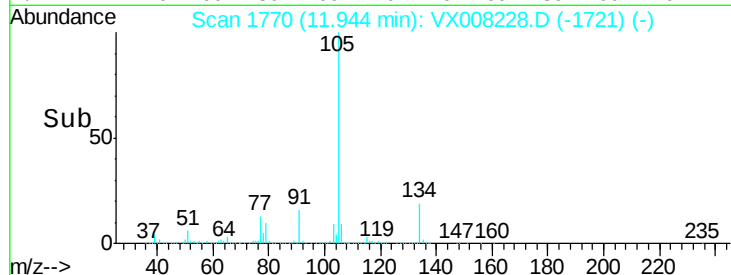
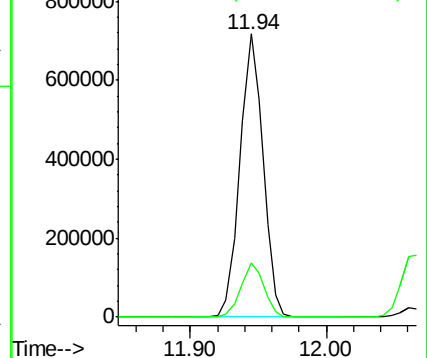
105 100

134 19.1 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: 49.594 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

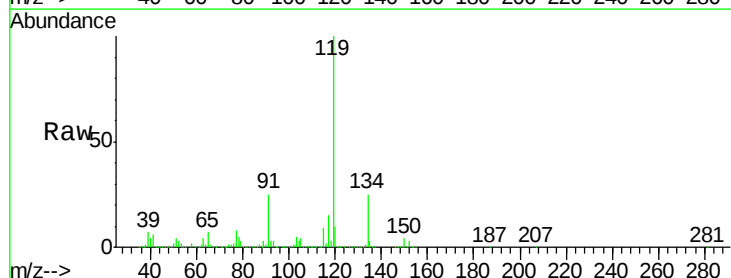
Tgt Ion:119 Resp: 738052

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

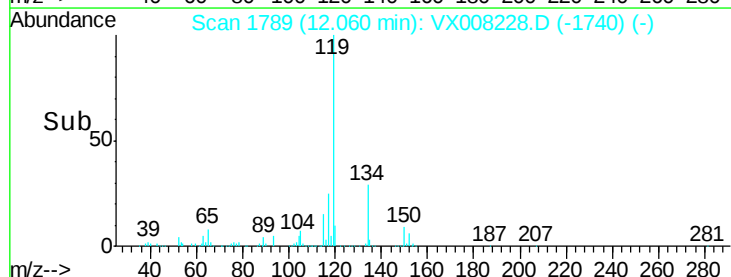
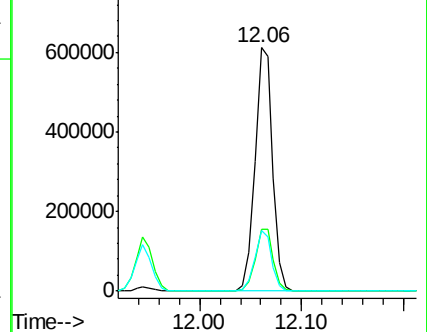
91 24.1 10.9 32.7

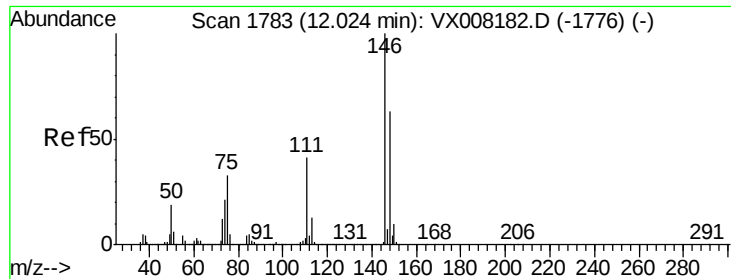


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

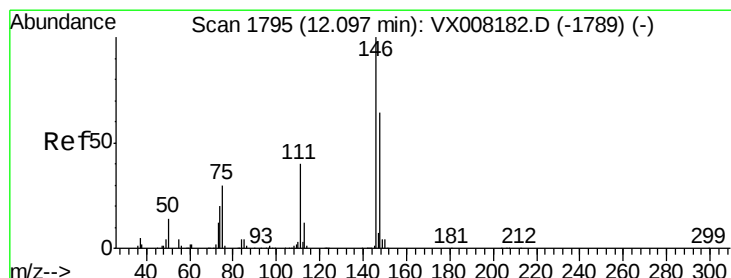
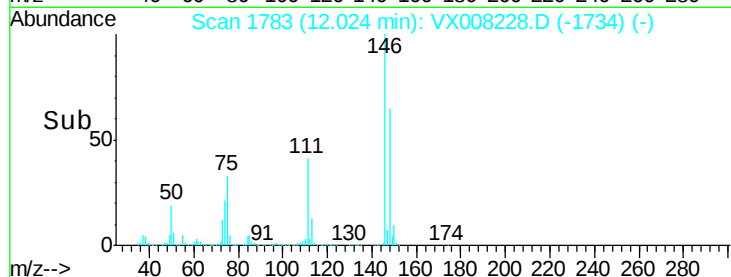
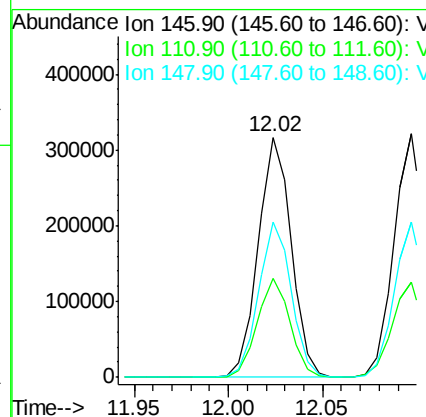
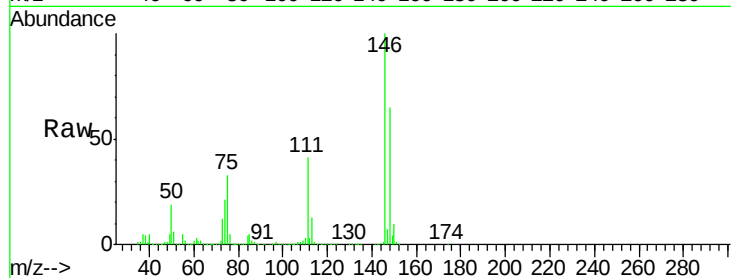




#87
 1,3-Dichlorobenzene
 Concen: 50.569 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

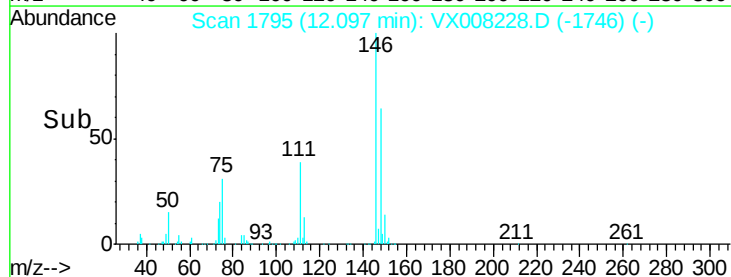
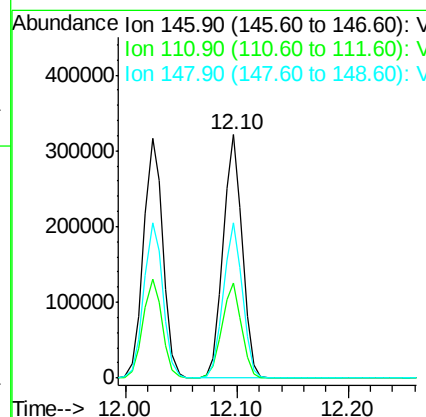
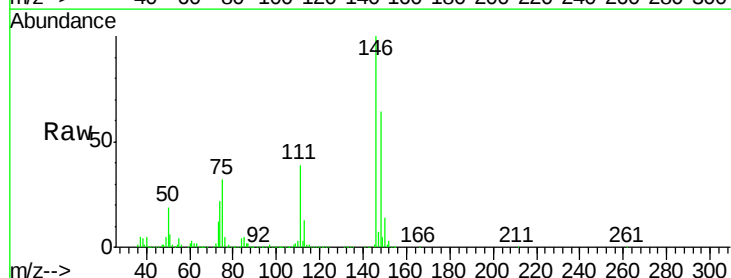
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

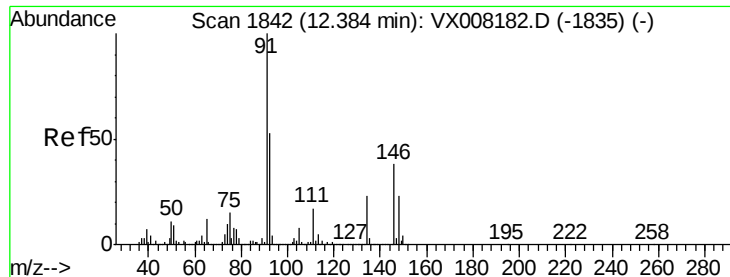
Tot Ion:146 Resp: 384599
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.571 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion:146 Resp: 382100
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.4 55.0
 148 63.6 32.2 96.6

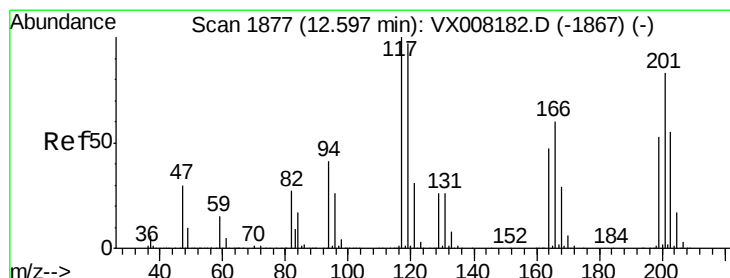
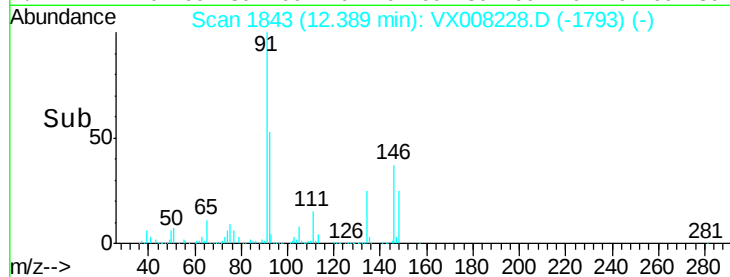
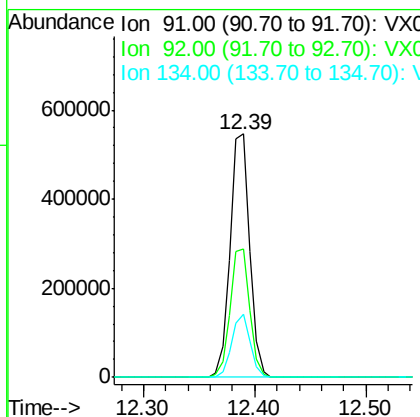
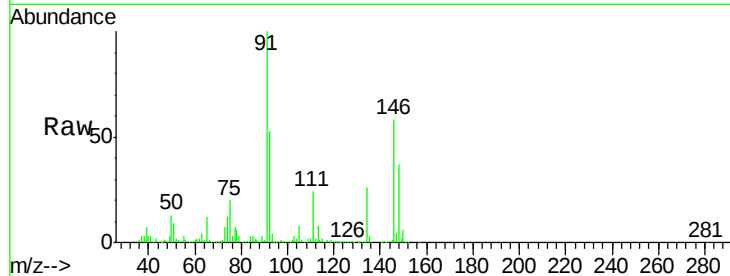




#89
n-Butylbenzene
Concen: 47.334 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

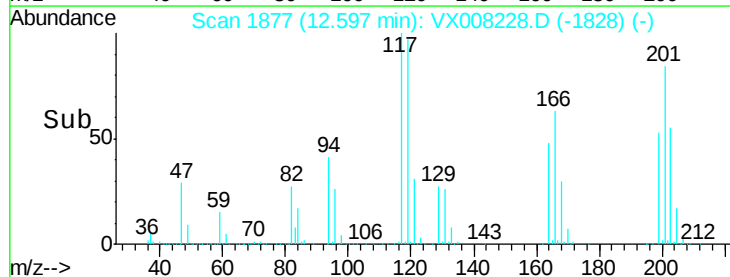
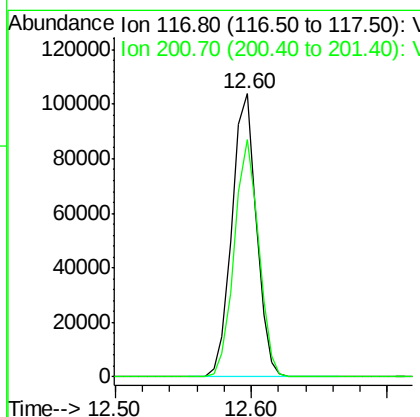
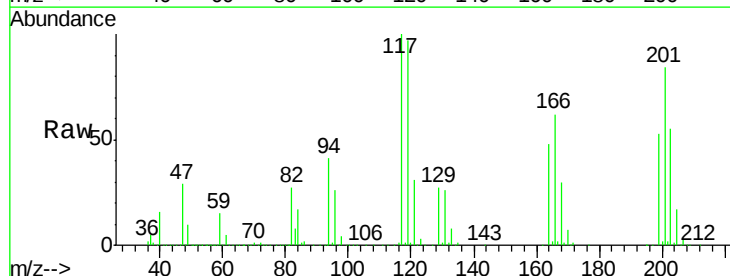
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

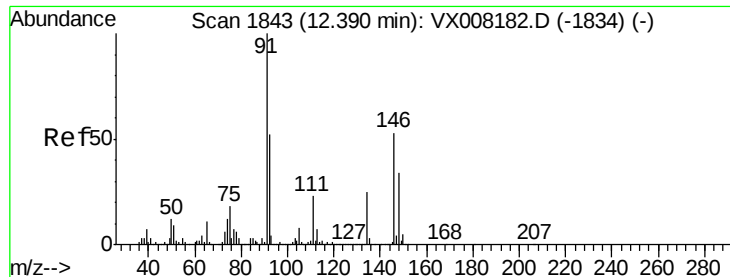
Tot Ion: 91 Resp: 661158
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 24.6 13.7 41.0



#90
Hexachloroethane
Concen: 51.447 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 117 Resp: 130396
Ion Ratio Lower Upper
117 100
201 83.3 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 49.853 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

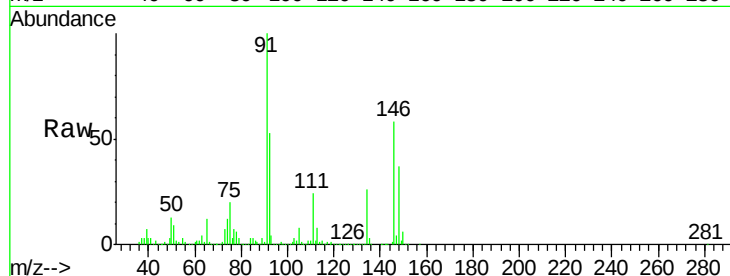
Tot Ion:146 Resp: 382301

Ion Ratio Lower Upper

146 100

111 42.4 19.6 58.8

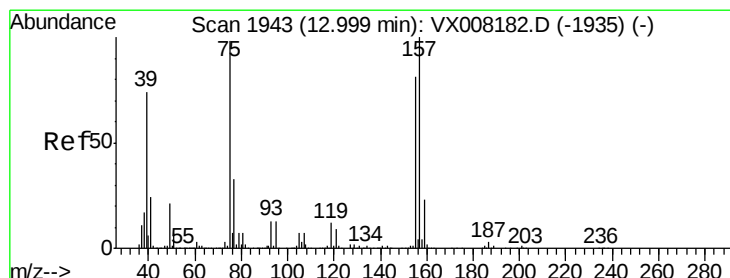
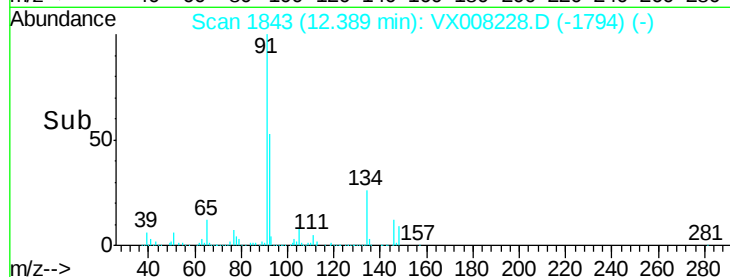
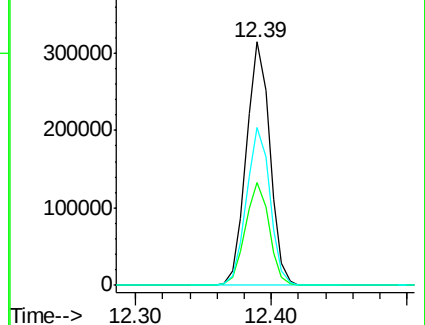
148 64.7 31.9 95.5



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: 50.738 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

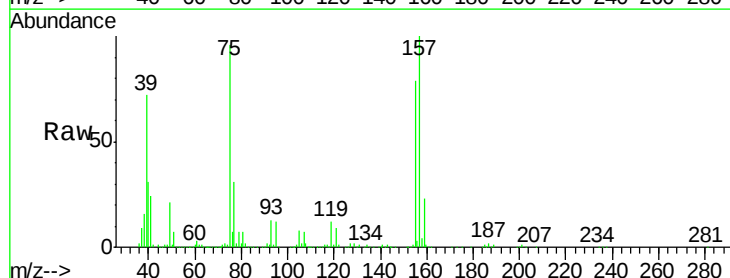
Tgt Ion: 75 Resp: 71126

Ion Ratio Lower Upper

75 100

155 80.2 49.7 149.1

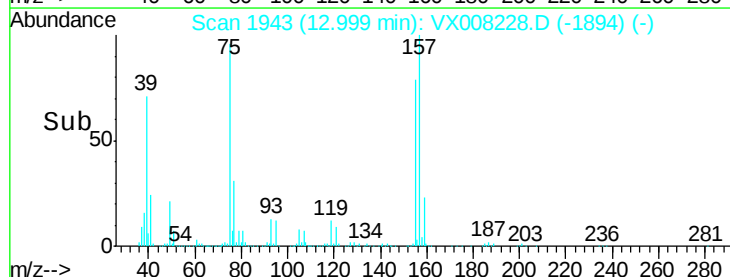
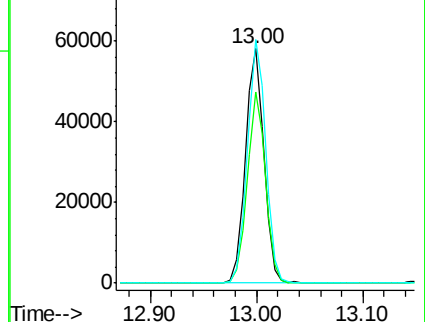
157 102.8 63.8 191.4

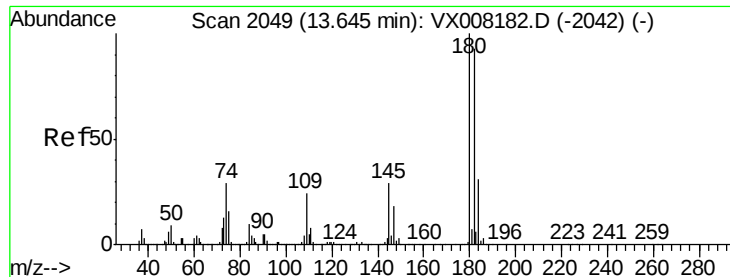


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

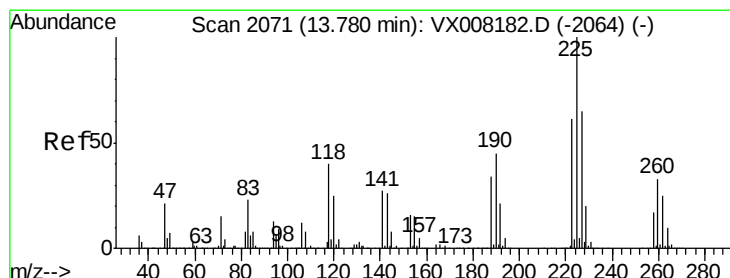
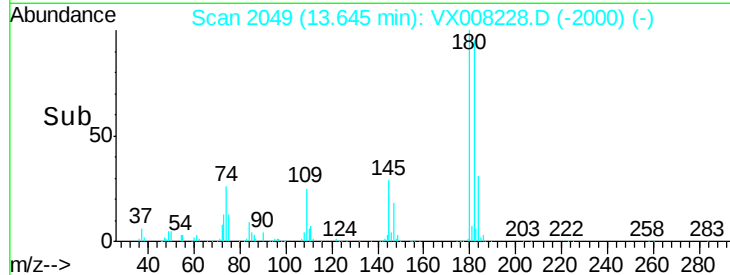
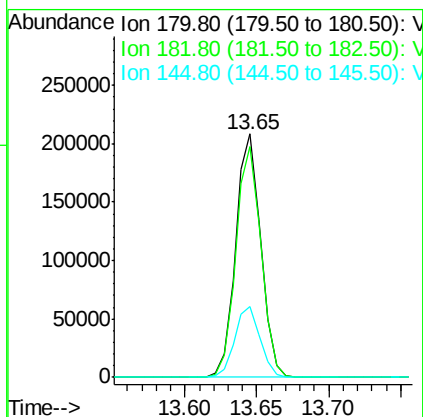
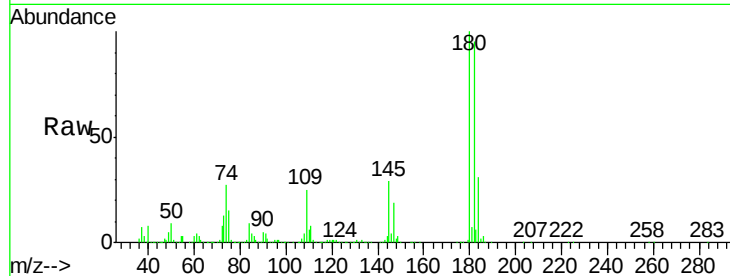




#93
 1,2,4-Trichlorobenzene
 Concen: 50.027 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

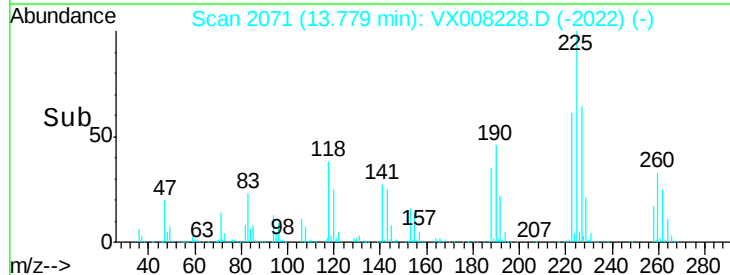
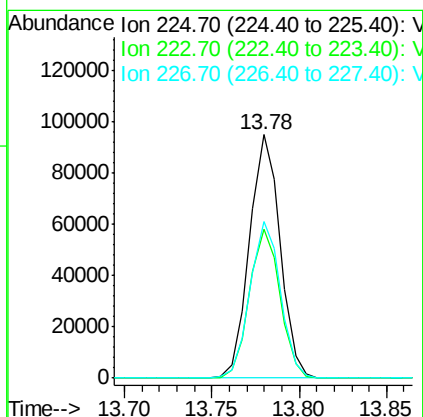
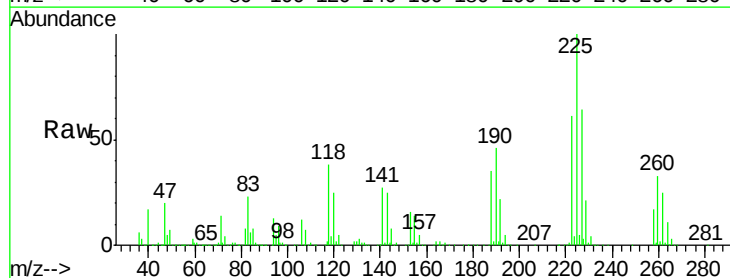
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

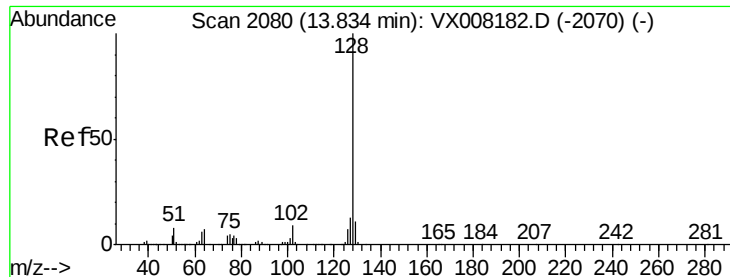
Tot Ion:180 Resp: 252693
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.7
 145 29.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.843 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion:225 Resp: 115398
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.1 93.2
 227 64.1 32.0 96.0





#95

Naphthalene

Concen: 53.229 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

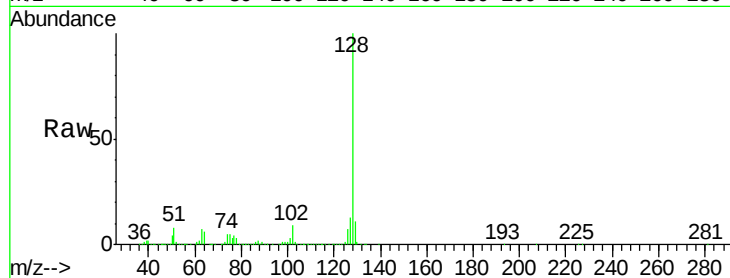
Tot Ion:128 Resp: 848603

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

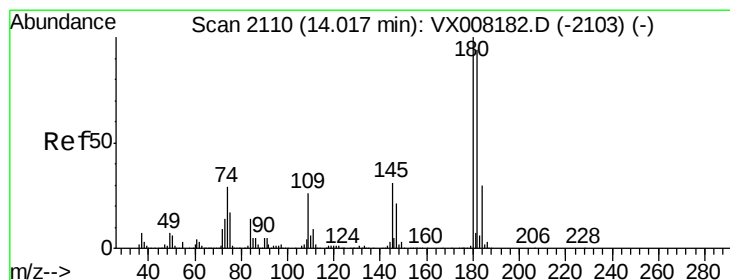
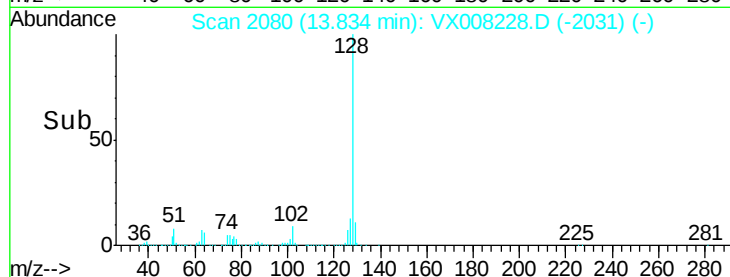
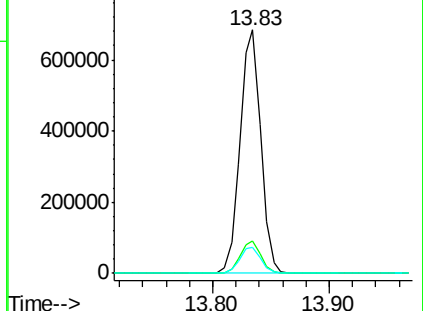
129 11.0 8.7 13.1



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: 51.649 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

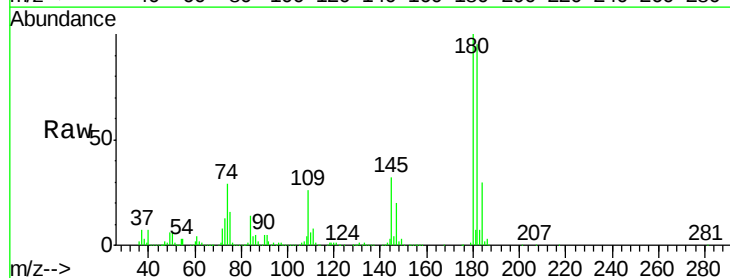
Tgt Ion:180 Resp: 256707

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 31.5 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

