

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032119\
 Data File : VX008283.D
 Acq On : 21 Mar 2019 11:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 08:40:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222754	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	238857	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
35) Dibromofluoromethane	5.49	113	183724	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
50) Toluene-d8	8.71	98	707046	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	11.13	95	252766	55.51	ug/l	0.00
Spiked Amount			Recovery	=	111.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	201670	50.683	ug/l	98
3) Chloromethane	1.32	50	205046	41.068	ug/l	100
4) Vinyl Chloride	1.41	62	215333	43.256	ug/l	98
5) Bromomethane	1.64	94	196941	46.443	ug/l	99
6) Chloroethane	1.72	64	148062	47.437	ug/l	98
7) Trichlorofluoromethane	1.93	101	272383	42.875	ug/l	99
8) Diethyl Ether	2.19	74	148067	45.300	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	205382	48.692	ug/l	92
10) Methyl Iodide	2.51	142	261666	48.721	ug/l	97
11) Tert butyl alcohol	3.05	59	240310	227.104	ug/l	99
12) 1,1-Dichloroethene	2.37	96	189944	47.699	ug/l	92
13) Acrolein	2.29	56	178804	239.548	ug/l	99
14) Allyl chloride	2.73	41	408453	47.119	ug/l	93
15) Acrylonitrile	3.14	53	631404	225.596	ug/l	98
16) Acetone	2.45	43	703636	250.991	ug/l	97
17) Carbon Disulfide	2.57	76	602187	46.377	ug/l	100
18) Methyl Acetate	2.78	43	314725	48.492	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	688264	47.802	ug/l	100
20) Methylene Chloride	2.85	84	214099	45.799	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	202045	46.966	ug/l	96
22) Diisopropyl ether	3.85	45	796564	46.918	ug/l	# 87
23) Vinyl Acetate	3.81	43	3499192	240.400	ug/l	98
24) 1,1-Dichloroethane	3.70	63	408467	46.778	ug/l	99
25) 2-Butanone	4.67	43	978258	236.394	ug/l	97
26) 2,2-Dichloropropane	4.59	77	312911	47.569	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	230167	46.933	ug/l	92
28) Bromochloromethane	5.01	49	185093	47.206	ug/l	85
29) Tetrahydrofuran	5.13	42	599742	231.834	ug/l	98
30) Chloroform	5.21	83	386731	47.347	ug/l	100
31) Cyclohexane	5.58	56	401854	49.009	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	329929	48.558	ug/l	97
36) 1,1-Dichloropropene	5.80	75	306731	50.560	ug/l	97
37) Ethyl Acetate	4.83	43	355595	49.585	ug/l	98
38) Carbon Tetrachloride	5.79	117	286918	53.080	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	388995	53.283	ug/l	95
40) Benzene	6.14	78	895670	49.881	ug/l	99
41) Methacrylonitrile	5.04	41	198092	49.244	ug/l	98
42) 1,2-Dichloroethane	6.19	62	322308	48.999	ug/l	96
43) Isopropyl Acetate	6.44	43	589430	51.277	ug/l	97
44) Trichloroethene	7.21	130	219176	49.921	ug/l	91
45) 1,2-Dichloropropane	7.51	63	248861	49.509	ug/l	100
46) Dibromomethane	7.66	93	150329	49.394	ug/l	88
47) Bromodichloromethane	7.90	83	309444	53.351	ug/l	98
48) Methyl methacrylate	7.77	41	305202	49.934	ug/l	94
49) 1,4-Dioxane	7.74	88	105386	977.084	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1832926	246.645	ug/l	98
52) Toluene	8.78	92	542805	50.955	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	353907	48.759	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	380105	52.805	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	220942	51.334	ug/l	99
56) Ethyl methacrylate	9.18	69	367436	48.684	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	385259	50.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	937485	265.846	ug/l	95
59) 2-Hexanone	9.49	43	1409197	246.307	ug/l	97
60) Dibromochloromethane	9.58	129	235792	57.005	ug/l	99
61) 1,2-Dibromoethane	9.67	107	228603	50.867	ug/l	100
64) Tetrachloroethene	9.34	164	201829	48.272	ug/l	97
65) Chlorobenzene	10.13	112	572678	50.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	210461	52.935	ug/l	99
67) Ethyl Benzene	10.25	91	1043296	51.919	ug/l	97
68) m/p-Xylenes	10.36	106	771863	104.566	ug/l	94
69) o-Xylene	10.69	106	372866	51.984	ug/l	95
70) Styrene	10.71	104	612198	52.518	ug/l	96
71) Bromoform	10.85	173	176690	51.509	ug/l #	100
73) Isopropylbenzene	11.02	105	1017144	51.228	ug/l	98
74) N-amyl acetate	10.90	43	506104	48.651	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	334144	46.932	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	408762	65.243	ug/l	91
77) Bromobenzene	11.26	156	238257	49.630	ug/l	87
78) n-propylbenzene	11.36	91	1193255	51.743	ug/l	96
79) 2-Chlorotoluene	11.42	91	684167	49.429	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	830985	50.659	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	114956	46.868	ug/l	96
82) 4-Chlorotoluene	11.51	91	803082	49.860	ug/l	95
83) tert-Butylbenzene	11.77	119	811592	51.822	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	847921	50.988	ug/l	97
85) sec-Butylbenzene	11.94	105	1012862	52.225	ug/l	97
86) p-Isopropyltoluene	12.06	119	878263	52.316	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	432057	50.360	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	433304	48.827	ug/l	98
89) n-Butylbenzene	12.38	91	839383	53.272	ug/l	97
90) Hexachloroethane	12.60	117	161118	56.352	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	424061	49.021	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	75979	48.047	ug/l	81

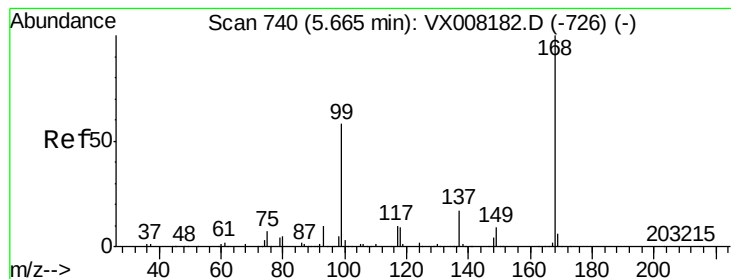
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296437	52.025	ug/l	99
94) Hexachlorobutadiene	13.78	225	149611	53.837	ug/l	99
95) Naphthalene	13.83	128	929445	51.682	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290468	51.807	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

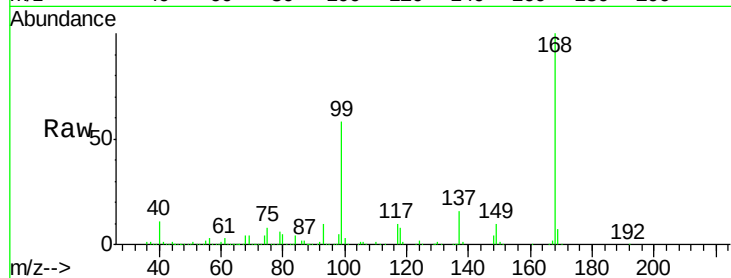
VSTDCCC050

Tot Ion:168 Resp: 328194

Ion Ratio Lower Upper

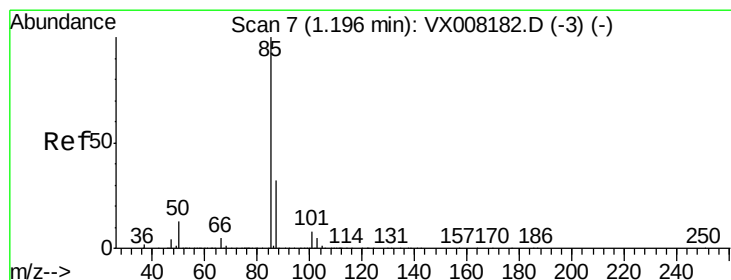
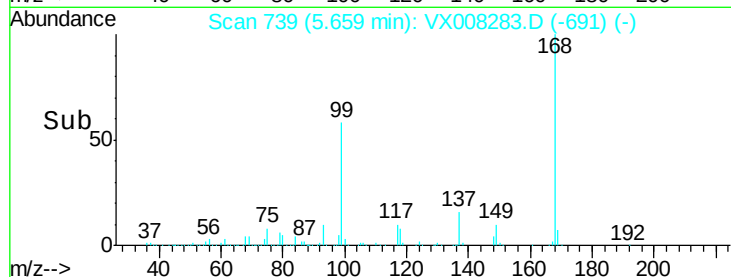
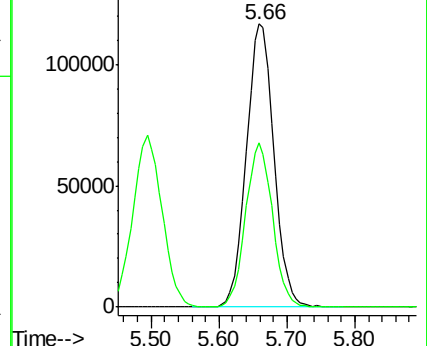
168 100

99 57.8 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: 50.683 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008283.D

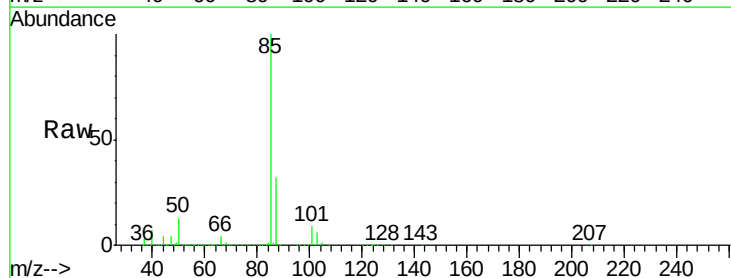
Acq: 21 Mar 2019 11:38

Tgt Ion: 85 Resp: 201670

Ion Ratio Lower Upper

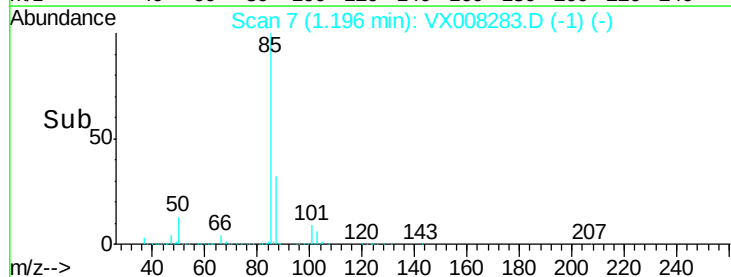
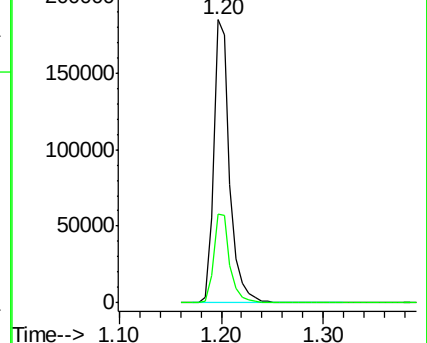
85 100

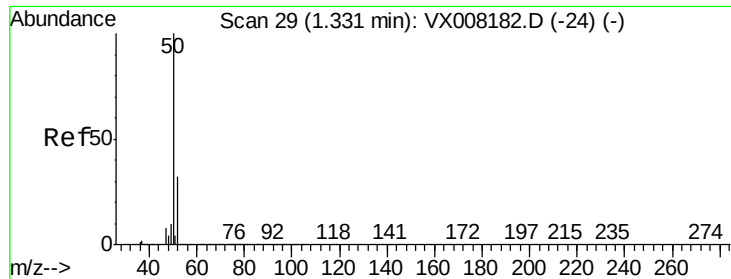
87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.068 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

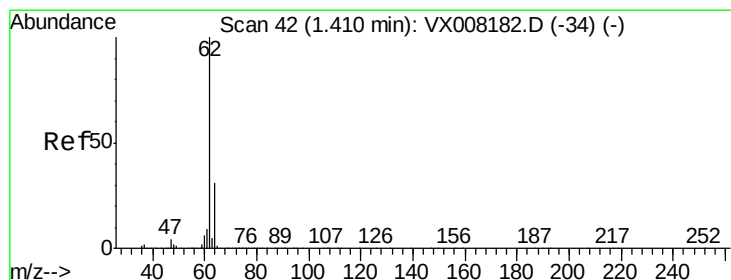
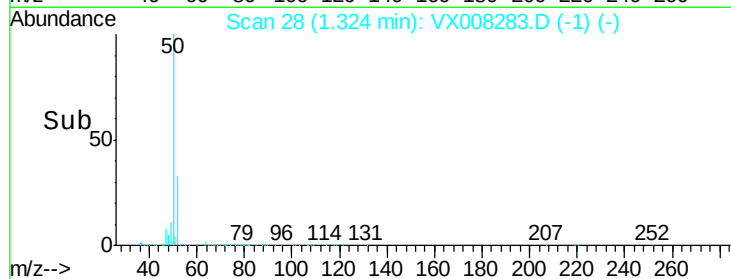
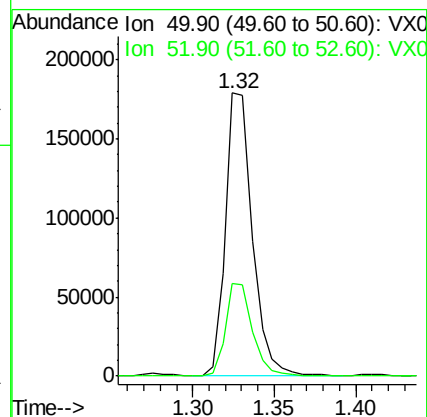
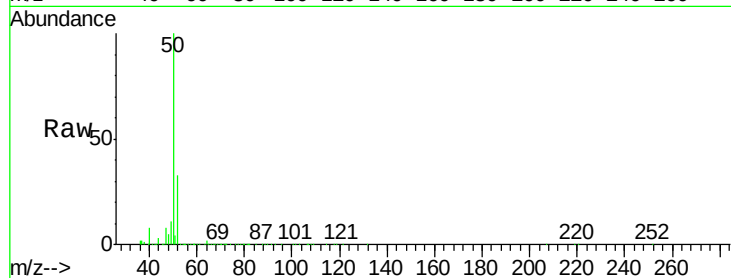
VSTDCCC050

Tot Ion: 50 Resp: 205046

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 43.256 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008283.D

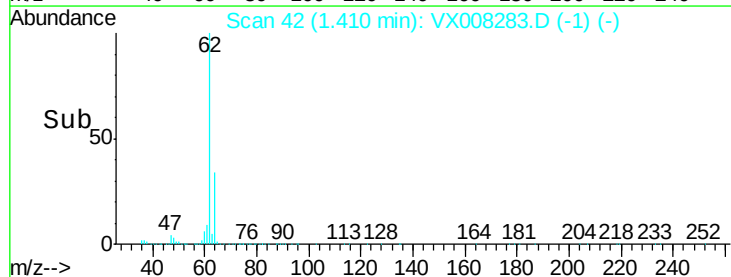
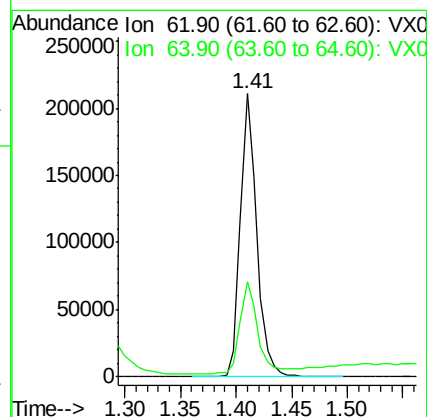
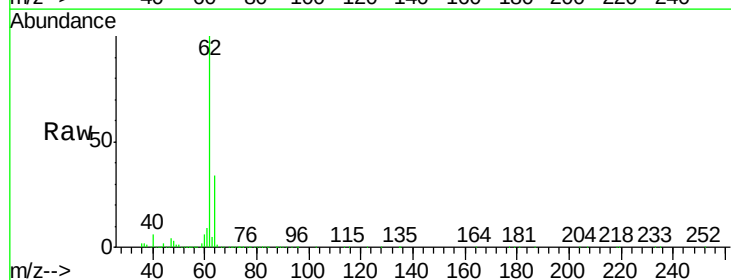
Acq: 21 Mar 2019 11:38

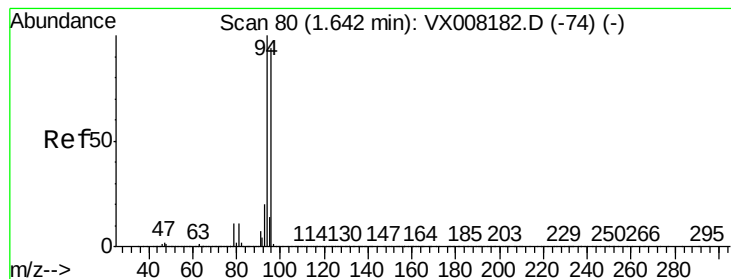
Tgt Ion: 62 Resp: 215333

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 46.443 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

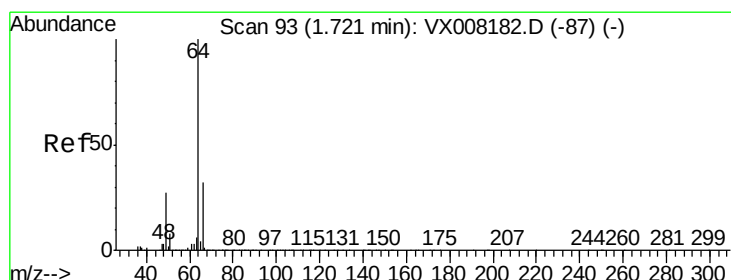
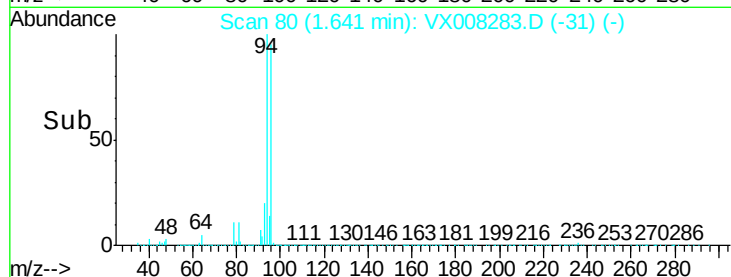
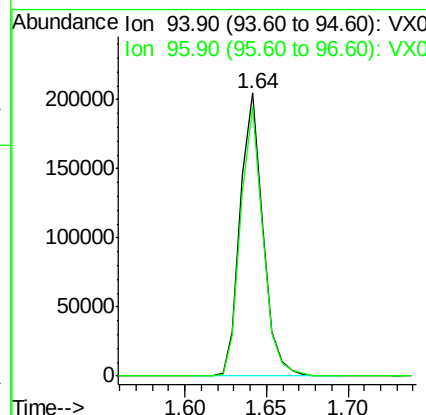
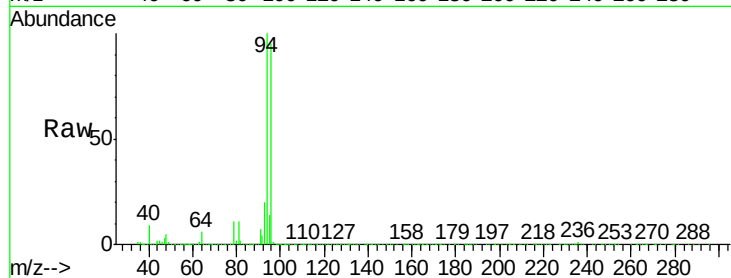
VSTDCCC050

Tot Ion: 94 Resp: 196941

Ion Ratio Lower Upper

94 100

96 95.2 75.5 113.3



#6

Chloroethane

Concen: 47.437 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008283.D

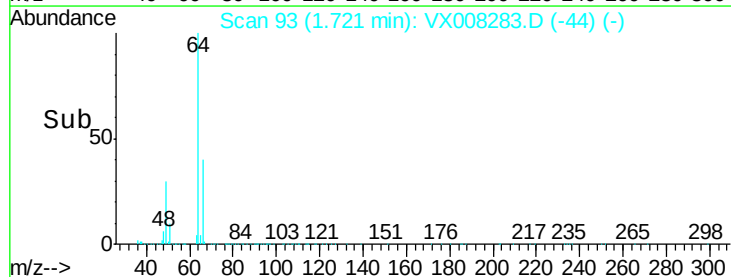
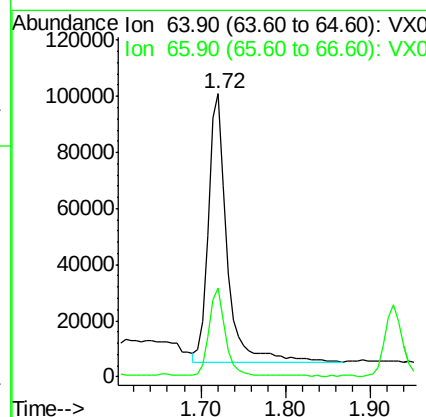
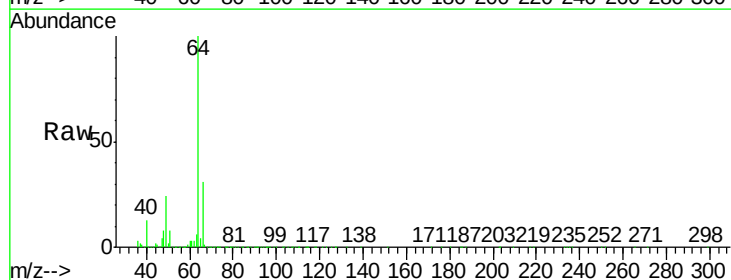
Acq: 21 Mar 2019 11:38

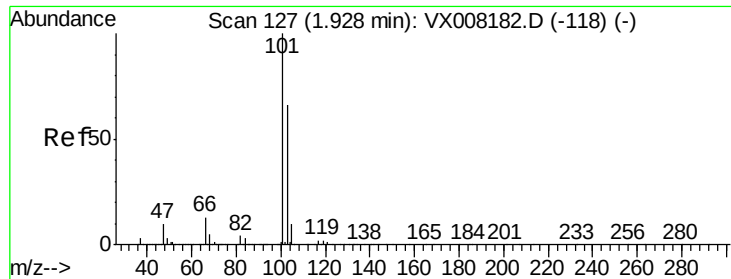
Tgt Ion: 64 Resp: 148062

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8



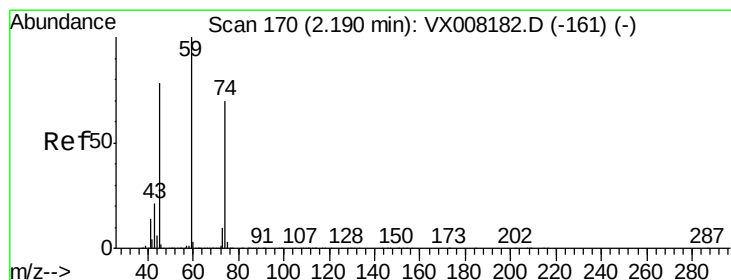
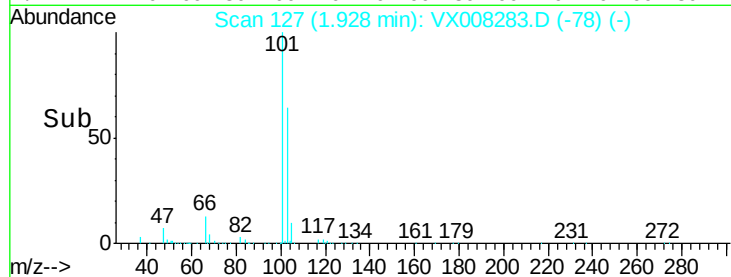
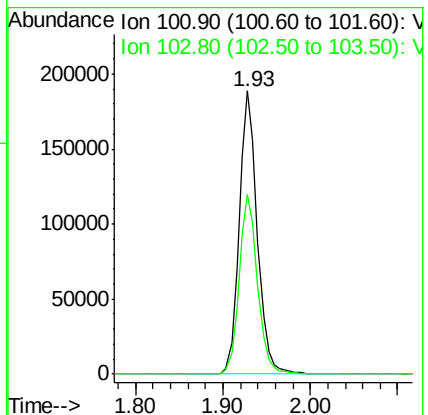
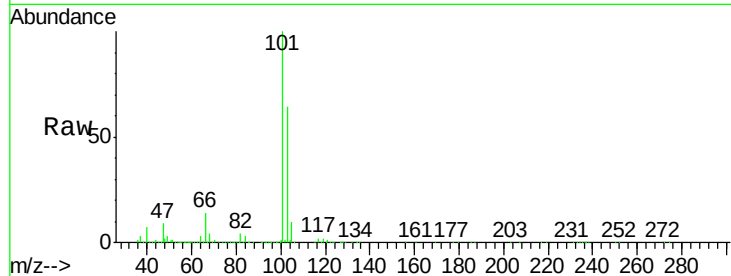


#7

Trichlorofluoromethane
Concen: 42.875 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

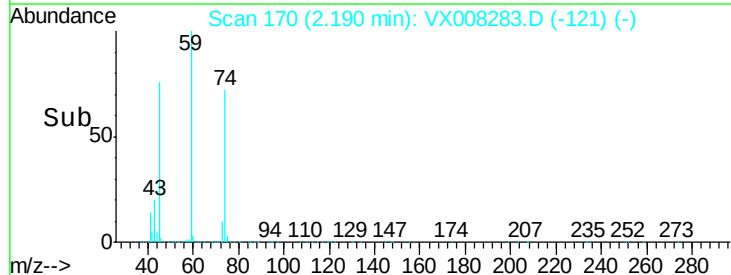
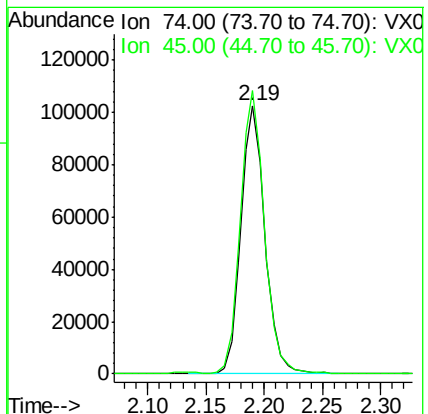
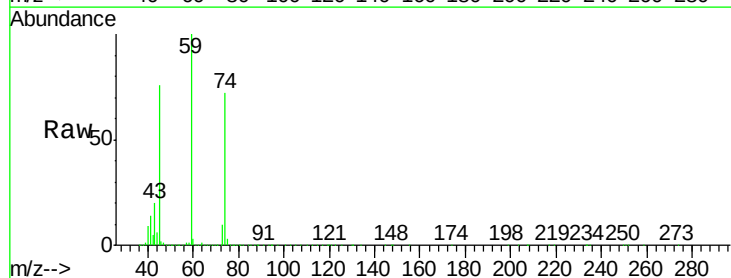
Tot Ion:101 Resp: 272383
Ion Ratio Lower Upper
101 100
103 63.5 50.4 75.6

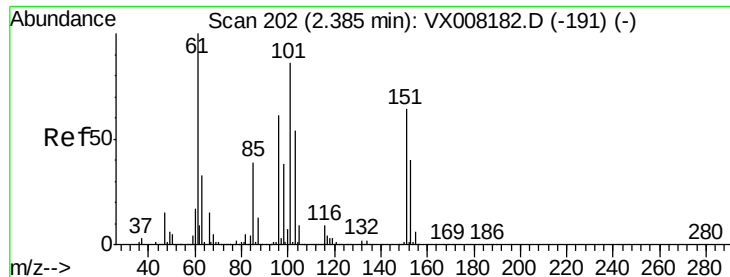


#8

Diethyl Ether
Concen: 45.300 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion: 74 Resp: 148067
Ion Ratio Lower Upper
74 100
45 105.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.692 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

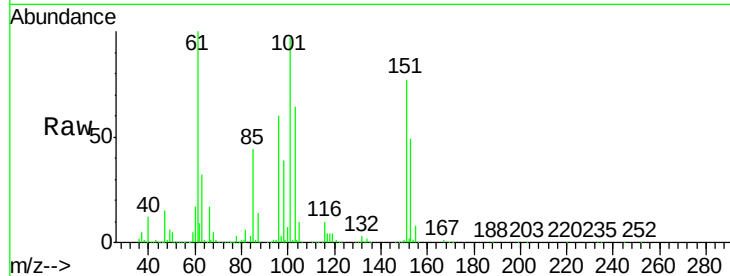
Tot Ion:101 Resp: 205382

Ion Ratio Lower Upper

101 100

85 44.3 33.8 50.6

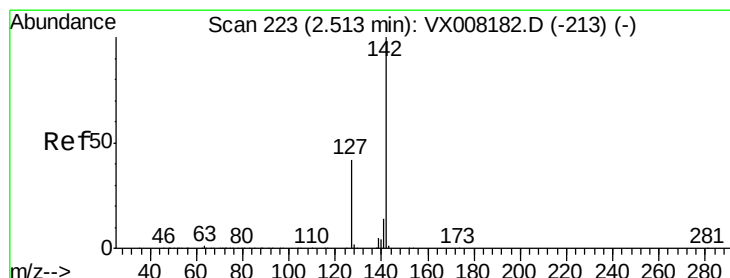
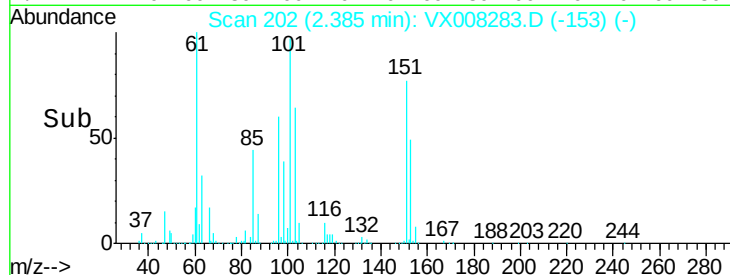
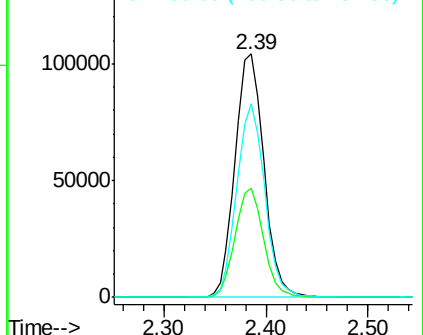
151 77.2 69.1 103.7



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: 48.721 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

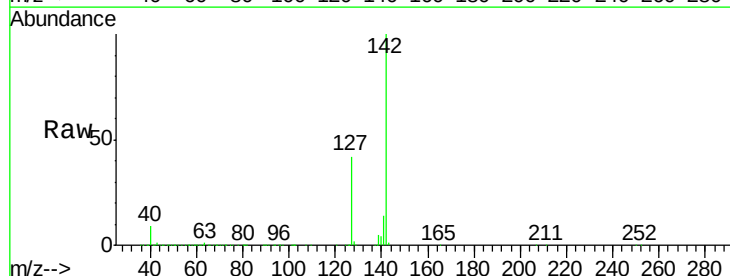
Tgt Ion:142 Resp: 261666

Ion Ratio Lower Upper

142 100

127 42.5 32.1 48.1

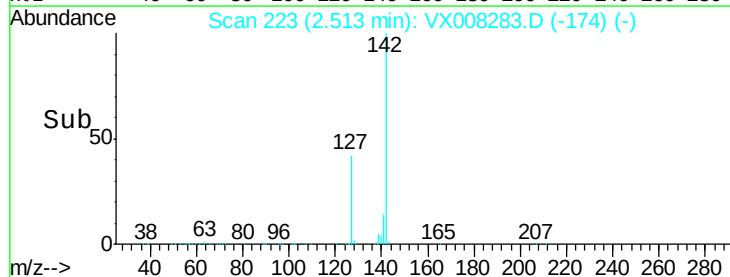
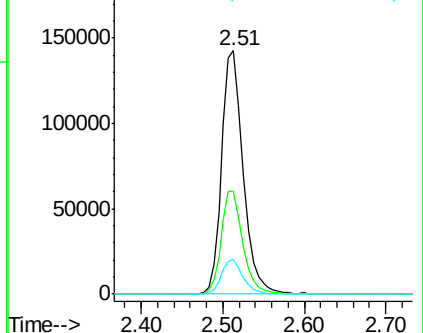
141 14.3 11.4 17.2

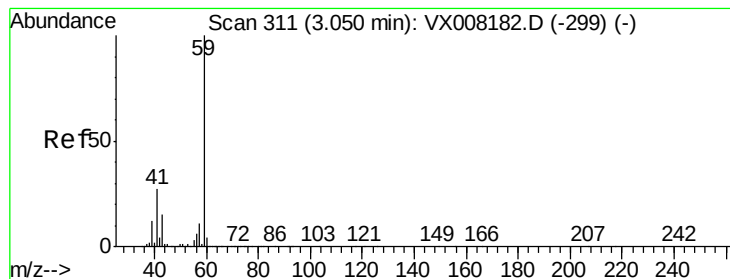


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



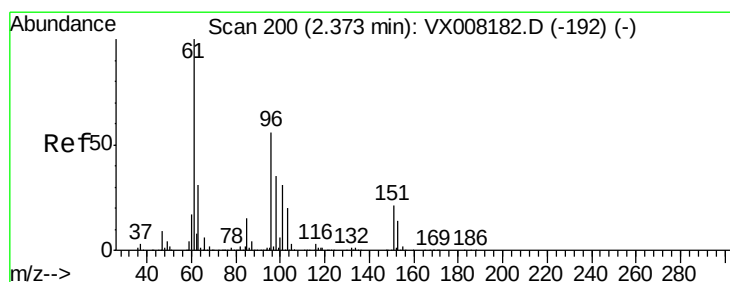
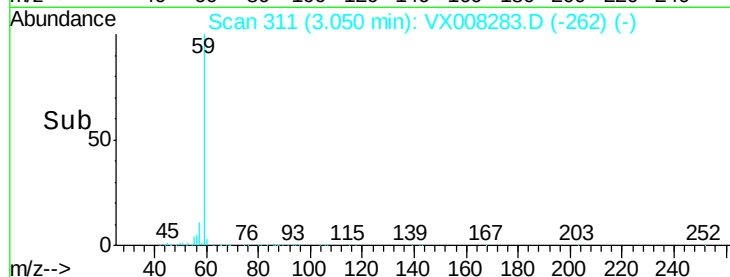
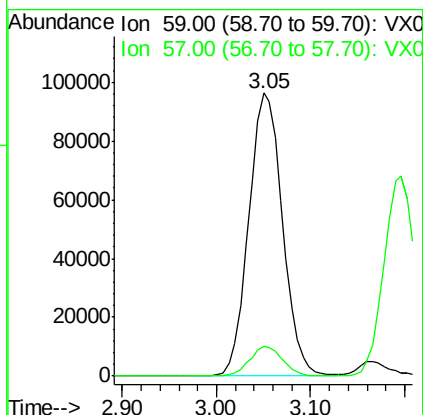
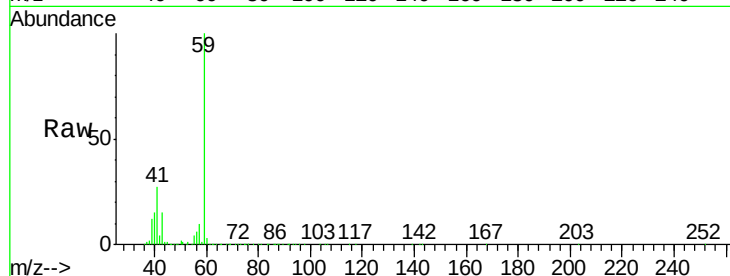


#11

Tert butyl alcohol
 Concen: 227.104 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

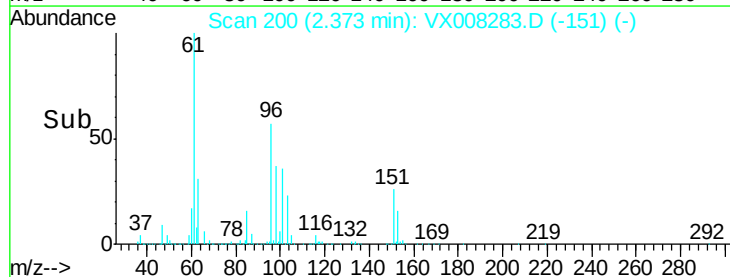
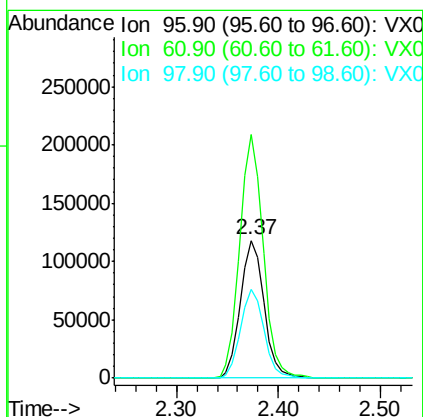
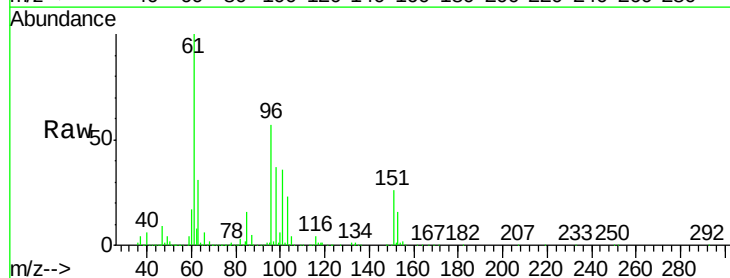
Tot Ion: 59 Resp: 240310
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

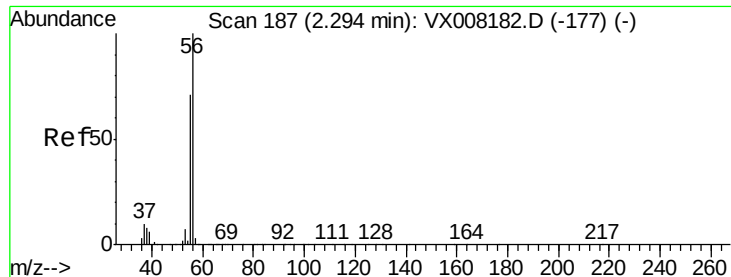


#12

1,1-Dichloroethene
 Concen: 47.699 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Tgt Ion: 96 Resp: 189944
 Ion Ratio Lower Upper
 96 100
 61 176.4 129.8 194.6
 98 64.6 51.0 76.6





#13

Acrolein

Concen: 239.548 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

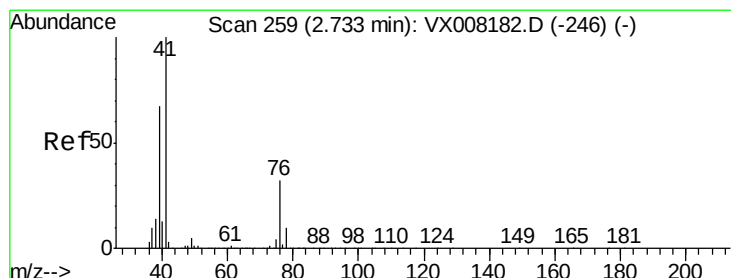
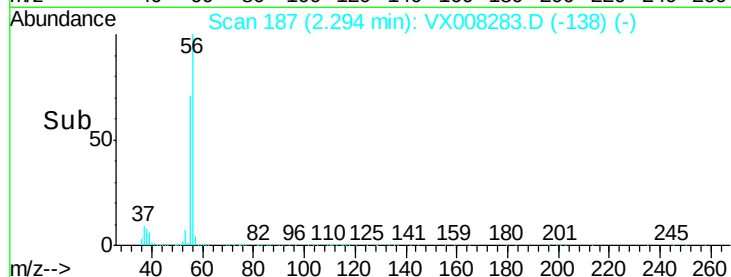
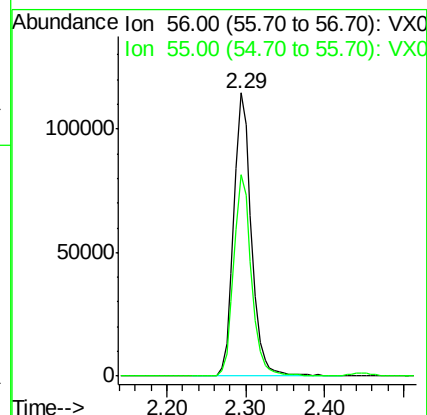
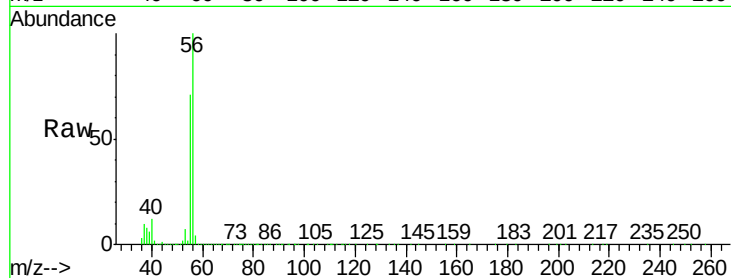
VSTDCCC050

Tot Ion: 56 Resp: 178804

Ion Ratio Lower Upper

56 100

55 71.0 57.8 86.6



#14

Allyl chloride

Concen: 47.119 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

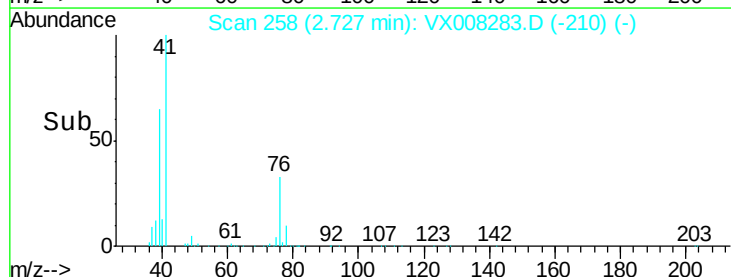
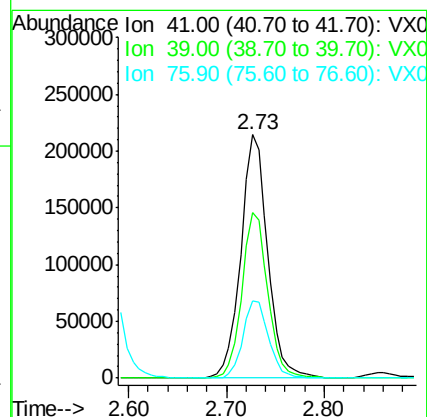
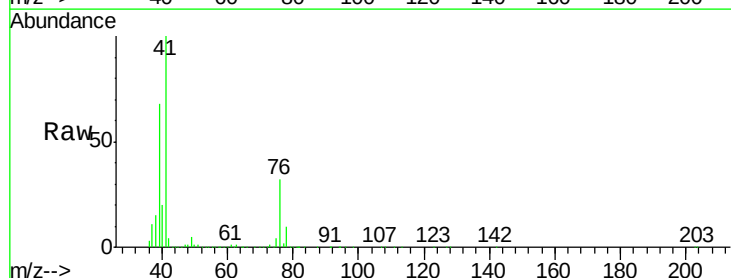
Tgt Ion: 41 Resp: 408453

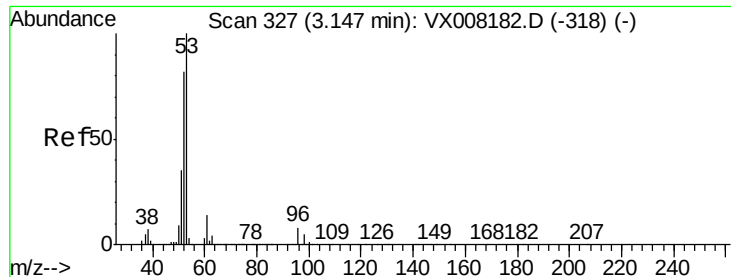
Ion Ratio Lower Upper

41 100

39 65.2 46.1 69.1

76 30.3 24.0 36.0





#15

Acrylonitrile

Concen: 225.596 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

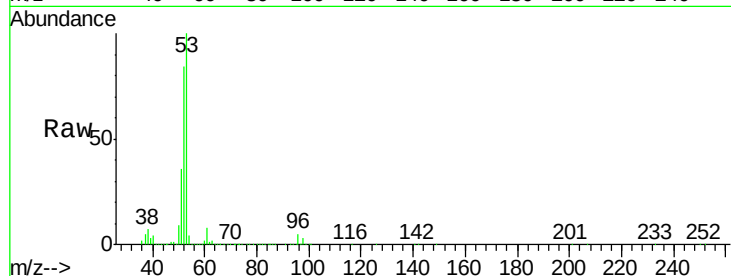
Tot Ion: 53 Resp: 631404

Ion Ratio Lower Upper

53 100

52 83.7 66.0 99.0

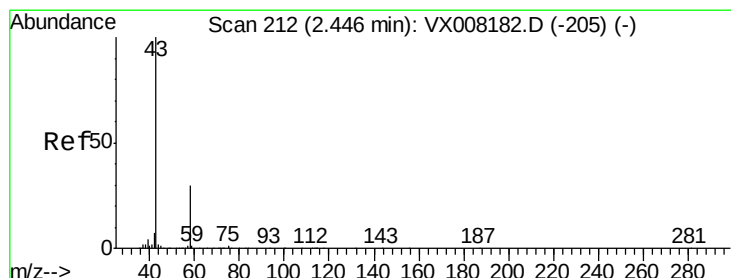
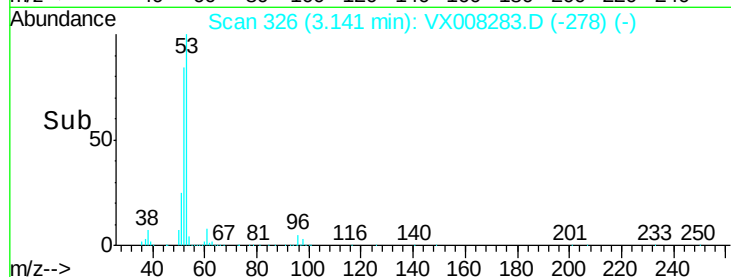
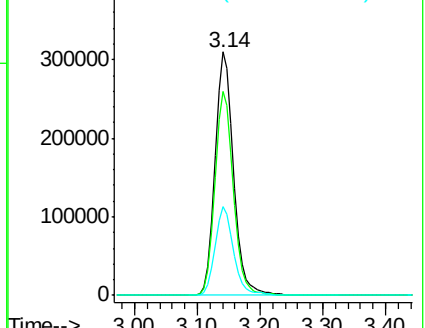
51 36.3 28.0 42.0



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: 250.991 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008283.D

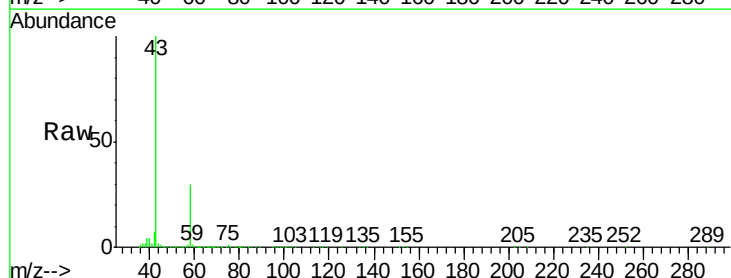
Acq: 21 Mar 2019 11:38

Tgt Ion: 43 Resp: 703636

Ion Ratio Lower Upper

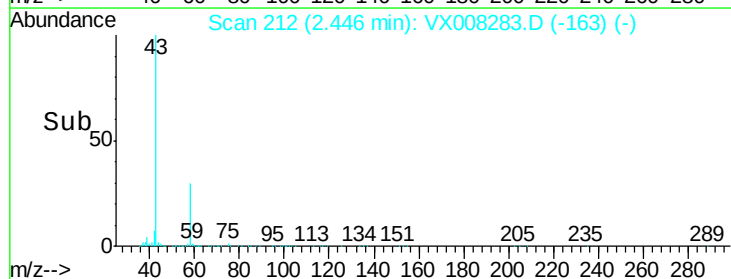
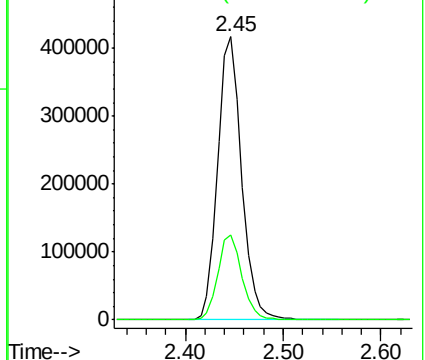
43 100

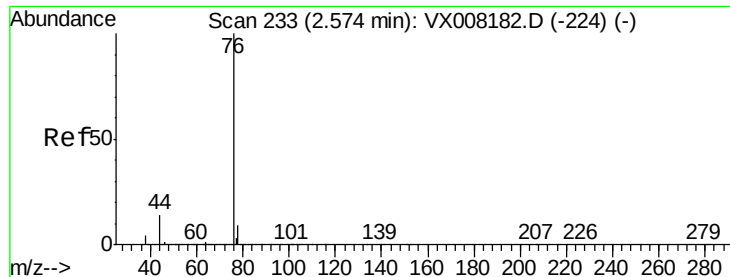
58 30.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

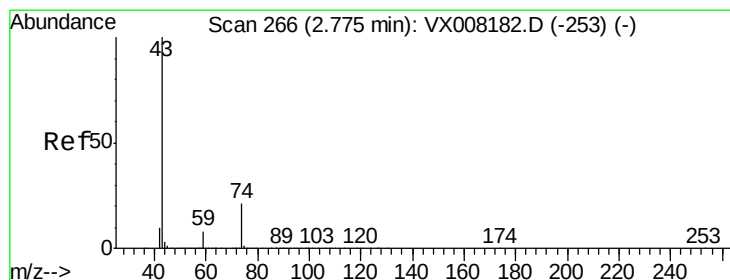
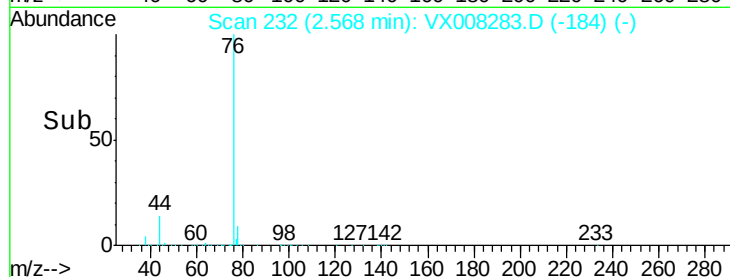
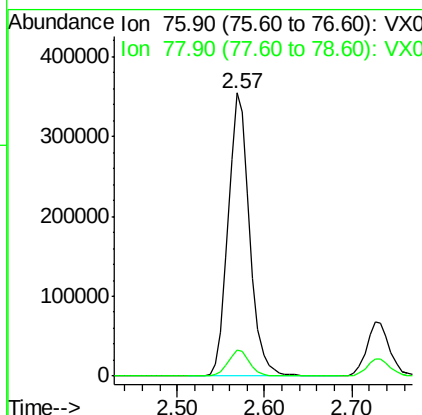
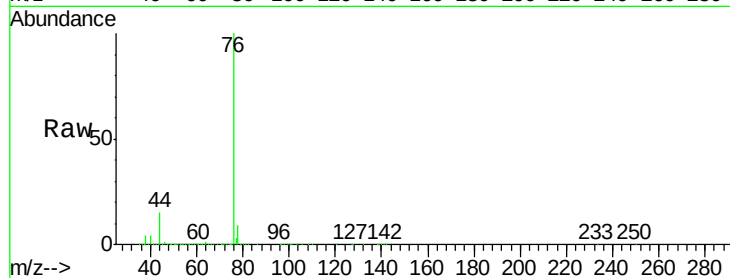




#17
Carbon Disulfide
Concen: 46.377 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

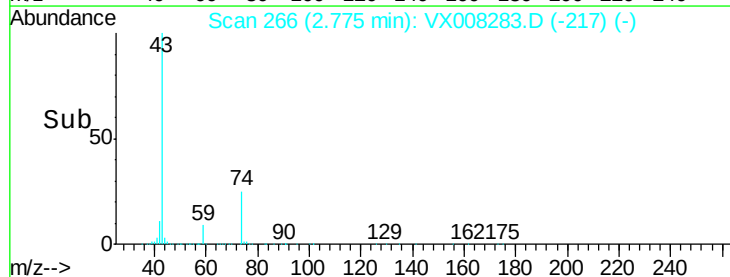
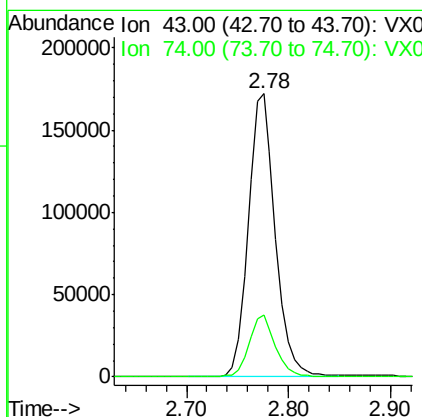
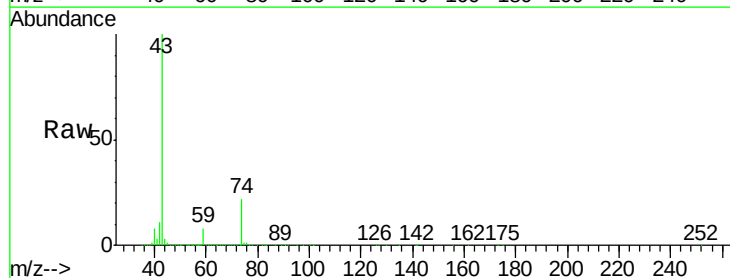
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

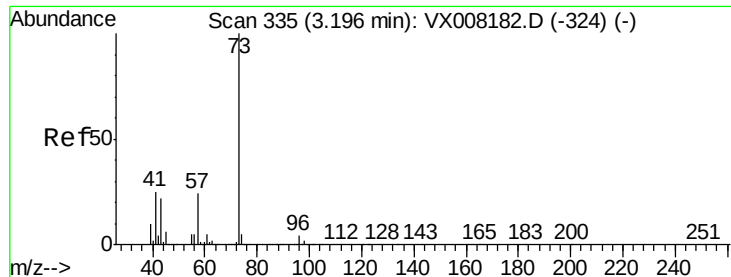
Tot Ion: 76 Resp: 602187
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 48.492 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion: 43 Resp: 314725
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.6

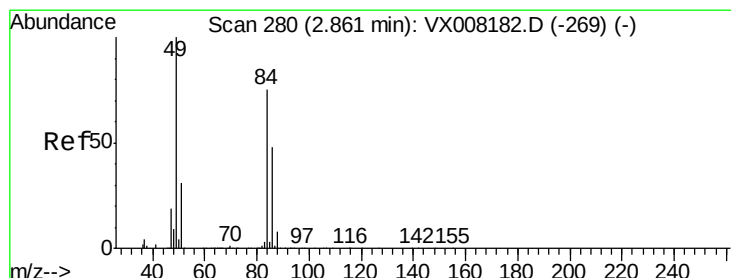
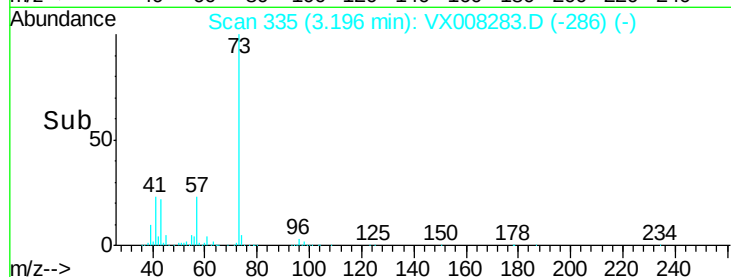
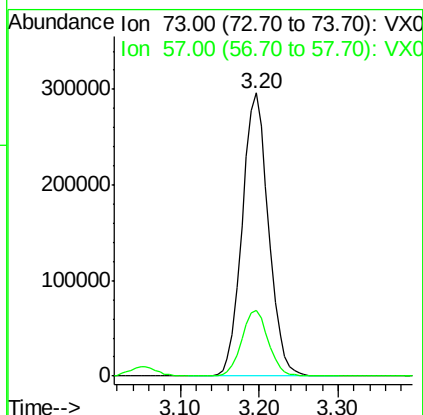
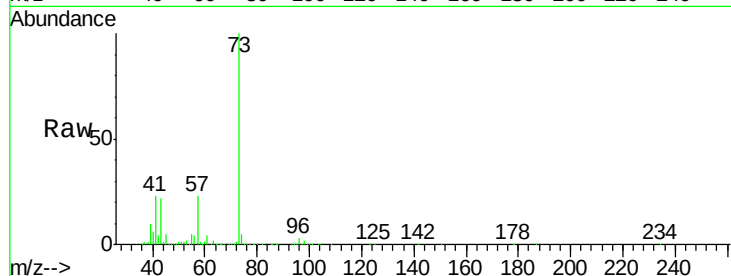




#19
Methyl tert-butyl Ether
Concen: 47.802 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

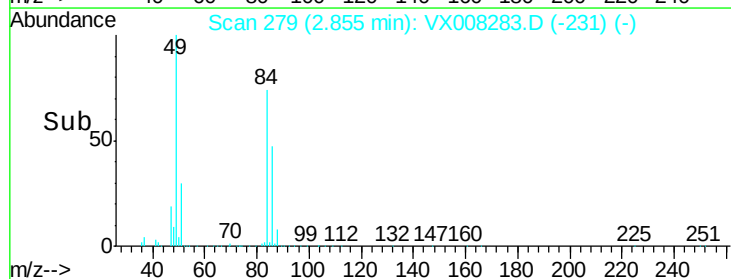
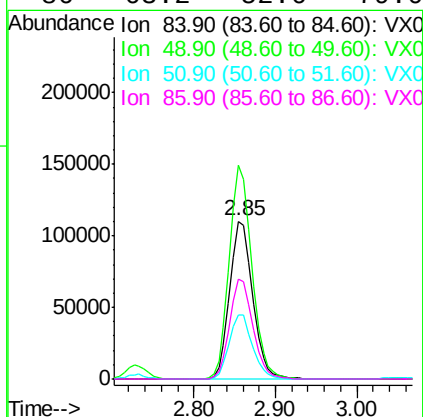
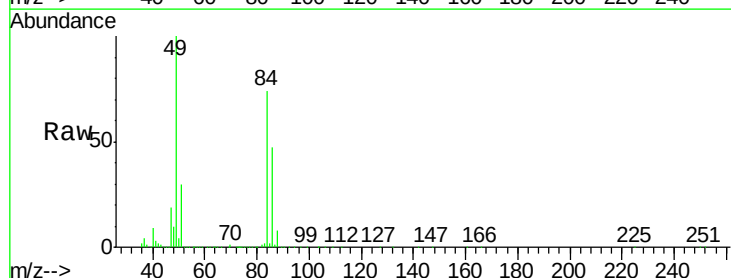
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

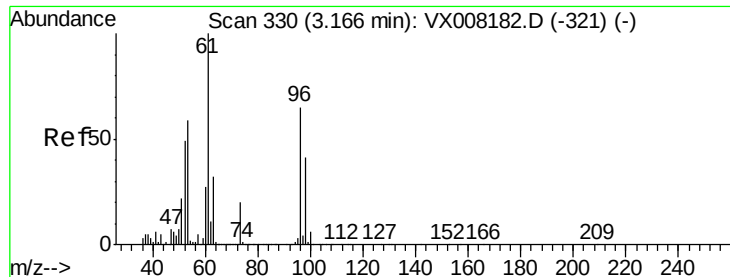
Tot Ion: 73 Resp: 688264
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4



#20
Methylene Chloride
Concen: 45.799 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion: 84 Resp: 214099
Ion Ratio Lower Upper
84 100
49 135.6 99.3 148.9
51 40.6 31.3 46.9
86 63.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.966 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

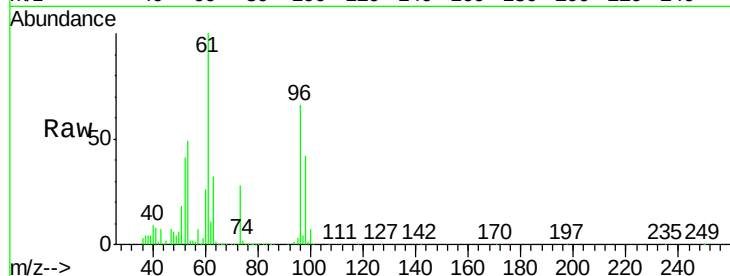
Tot Ion: 96 Resp: 202045

Ion Ratio Lower Upper

96 100

61 150.4 114.4 171.6

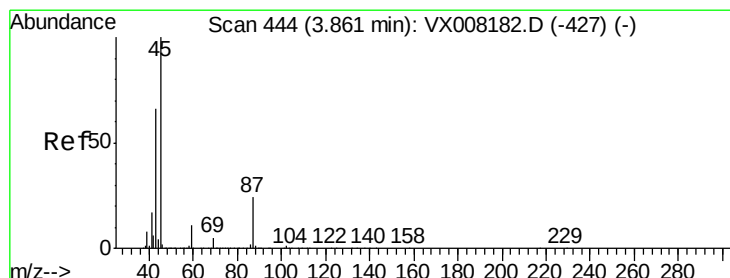
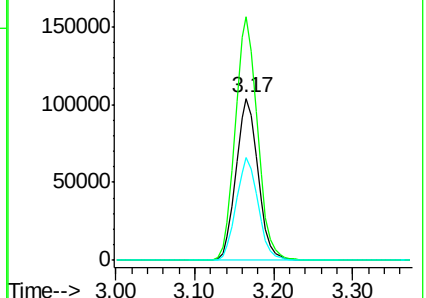
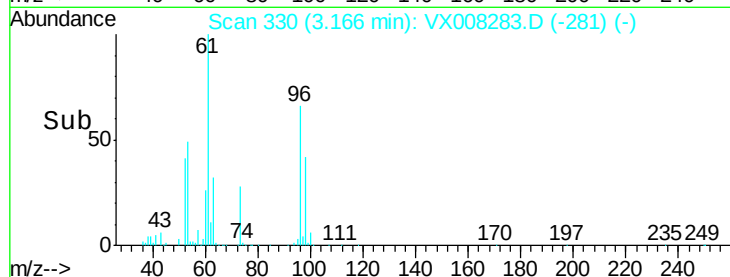
98 63.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.918 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Tgt Ion: 45 Resp: 796564

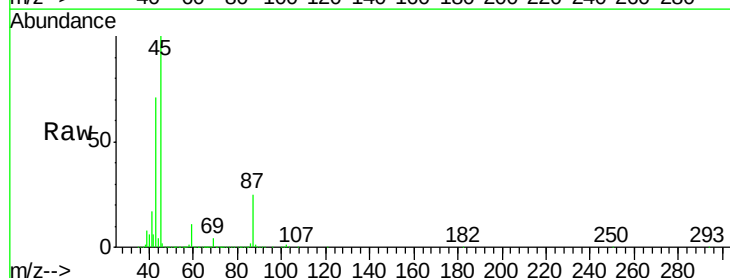
Ion Ratio Lower Upper

45 100

43 71.4 45.3 67.9#

87 24.7 21.4 32.0

59 11.1 9.5 14.3

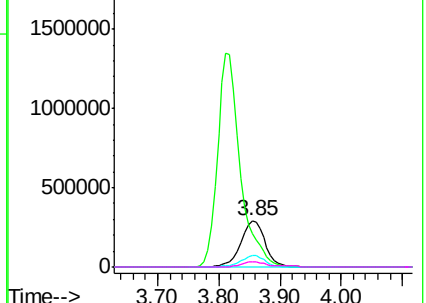
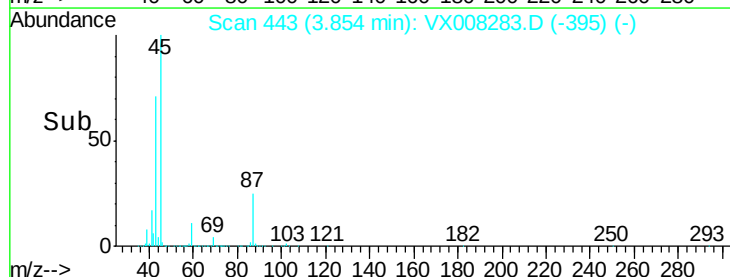


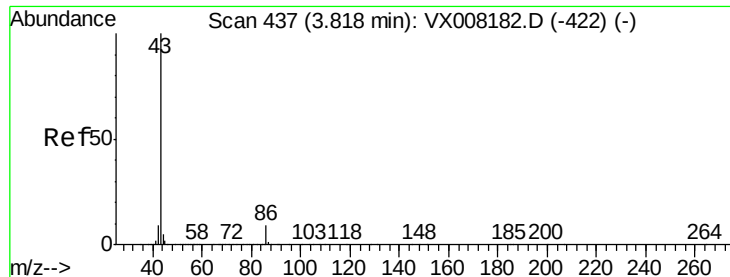
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 240.400 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

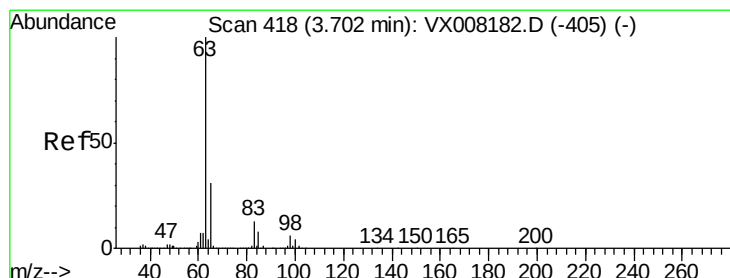
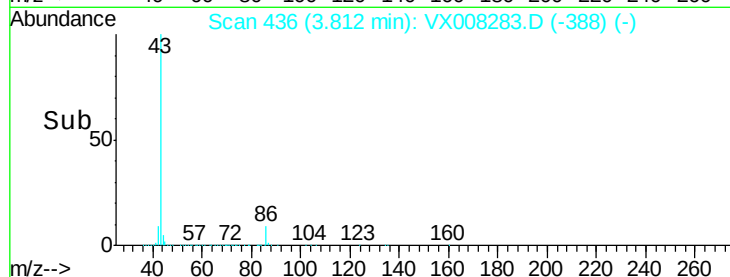
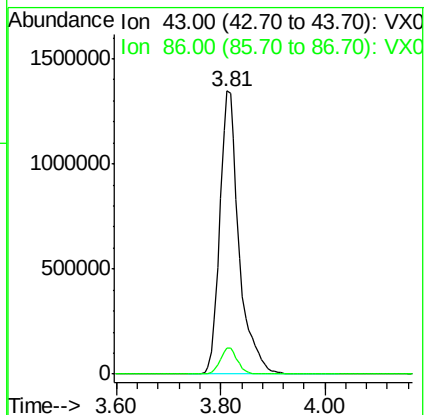
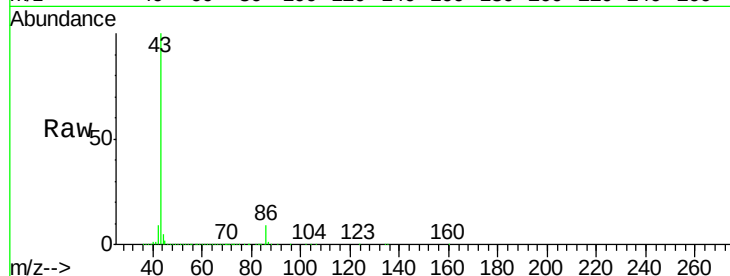
VSTDCCC050

Tot Ion: 43 Resp: 3499192

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



#24

1,1-Dichloroethane

Concen: 46.778 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

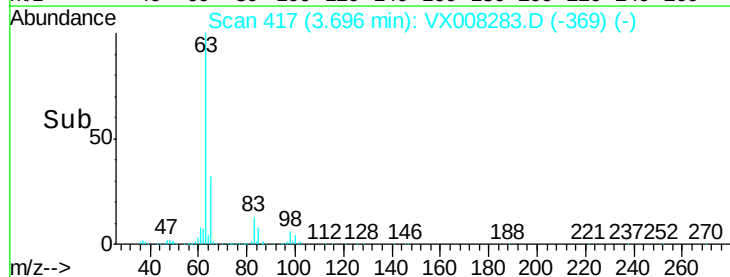
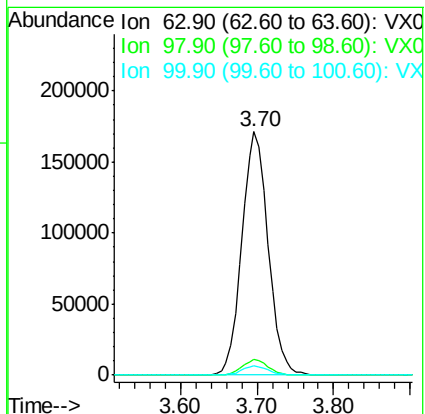
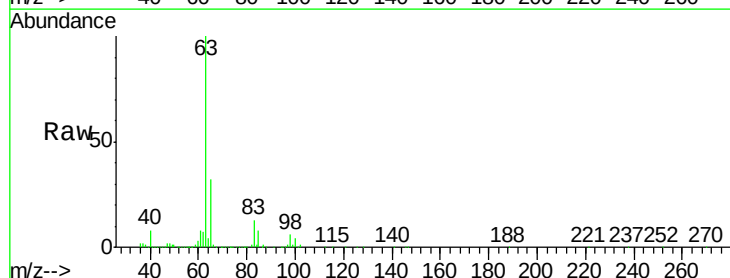
Tgt Ion: 63 Resp: 408467

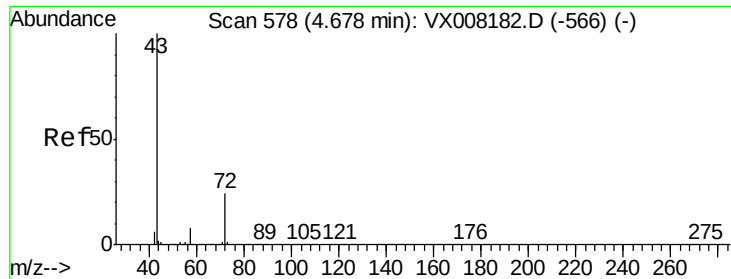
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 236.394 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

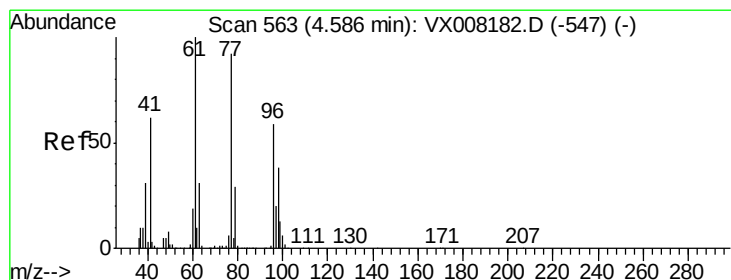
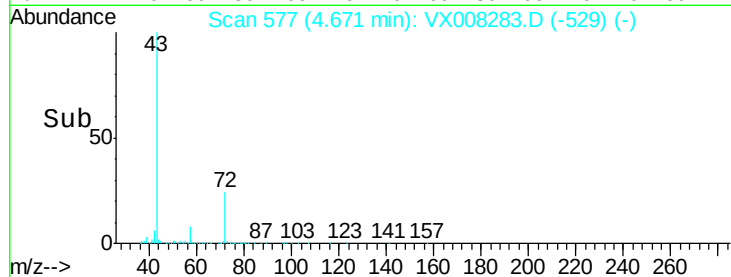
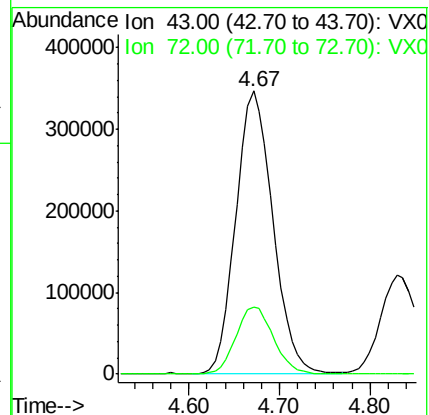
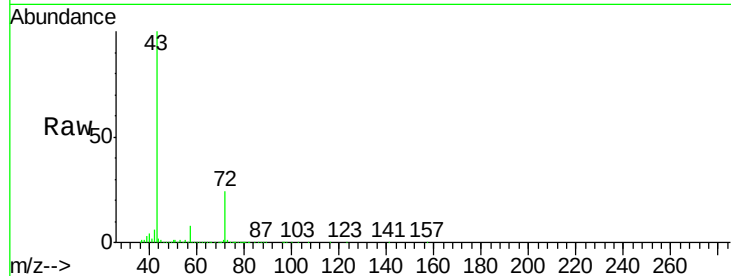
VSTDCCC050

Tot Ion: 43 Resp: 978258

Ion Ratio Lower Upper

43 100

72 23.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 47.569 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008283.D

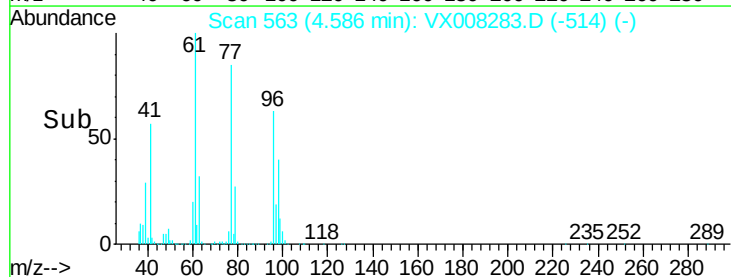
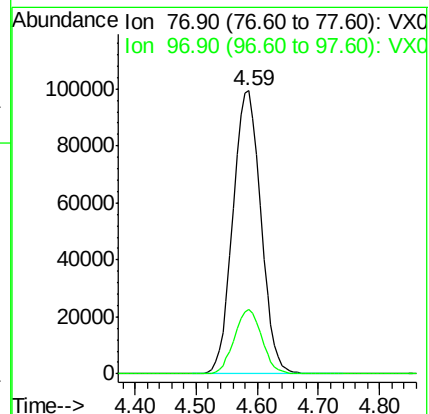
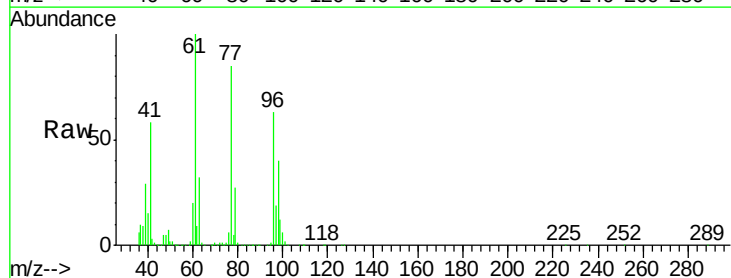
Acq: 21 Mar 2019 11:38

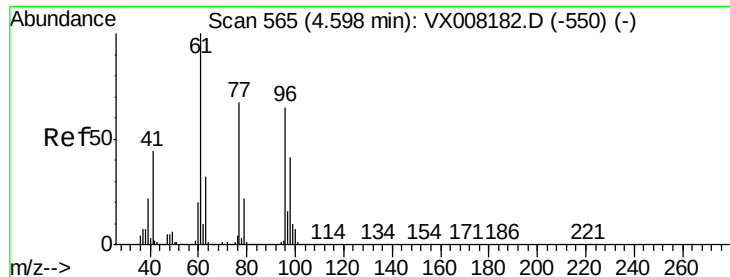
Tgt Ion: 77 Resp: 312911

Ion Ratio Lower Upper

77 100

97 22.4 12.2 36.6



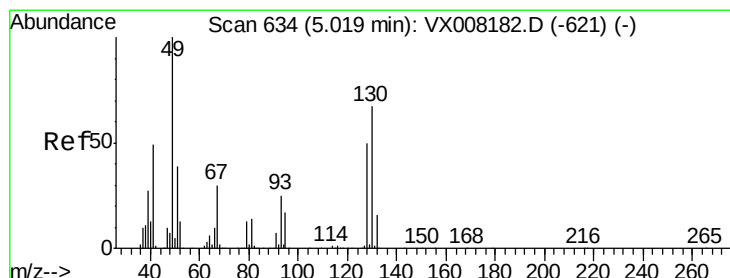
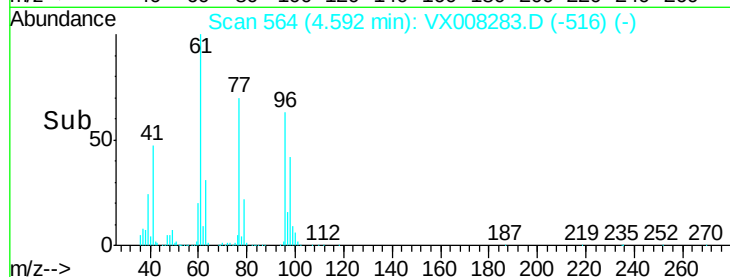
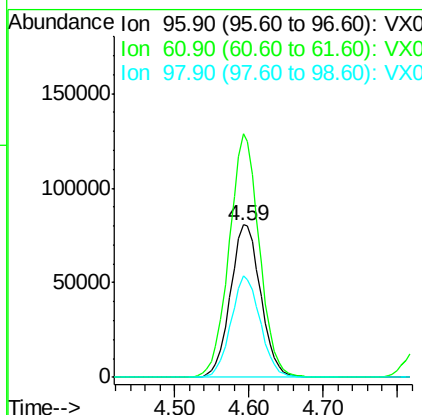
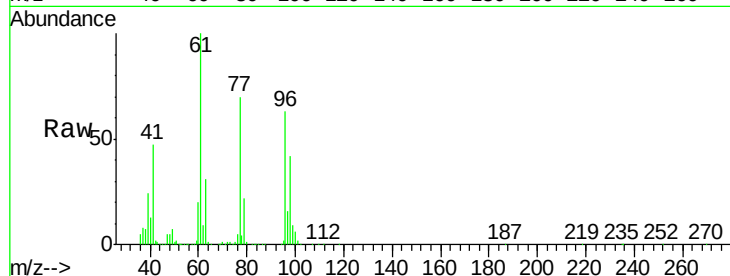


#27

cis-1,2-Dichloroethene
Concen: 46.933 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

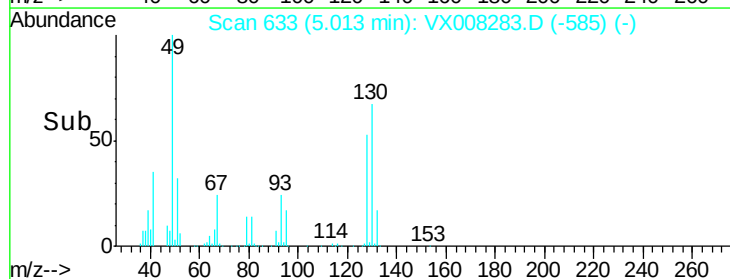
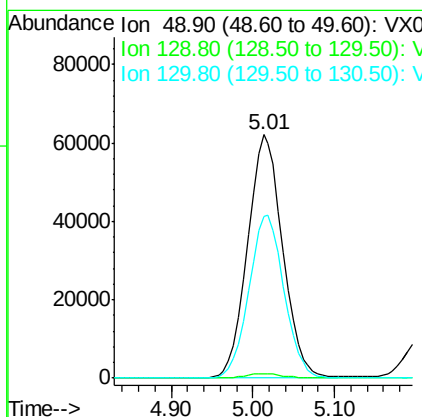
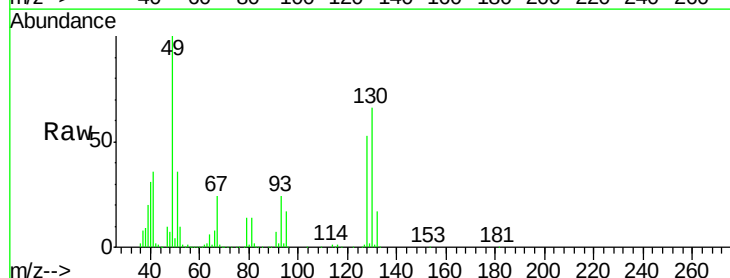
Tot Ion	96	Resp	230167
Ion	Ratio	Lower	Upper
96	100		
61	159.2	0.0	288.0
98	64.4	0.0	129.0

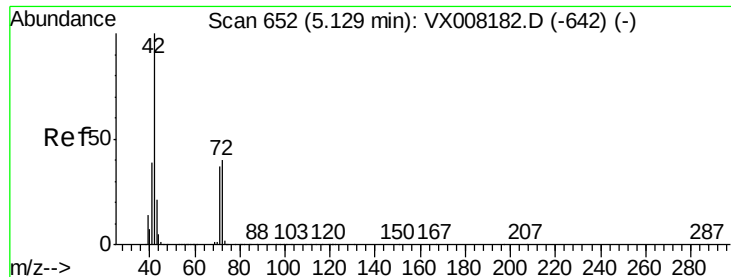


#28

Bromochloromethane
Concen: 47.206 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion	49	Resp	185093
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	67.2	65.0	97.4





#29

Tetrahydrofuran

Concen: 231.834 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

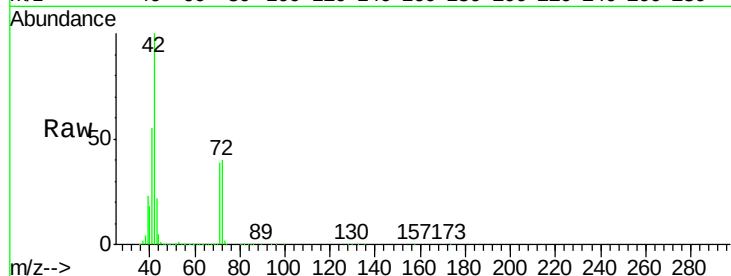
Tot Ion: 42 Resp: 599742

Ion Ratio Lower Upper

42 100

72 40.9 33.8 50.6

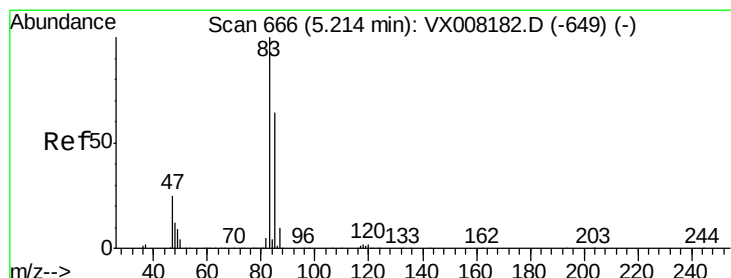
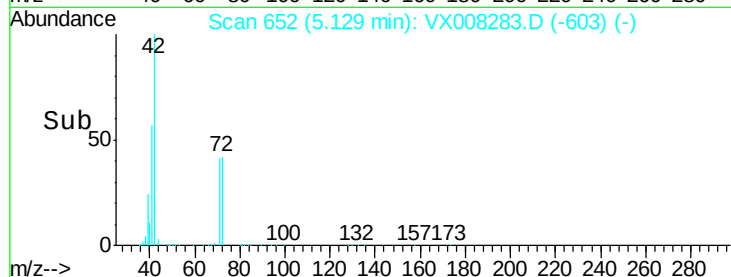
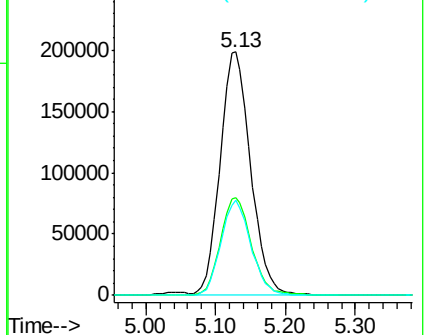
71 38.5 31.5 47.3



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: 47.347 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008283.D

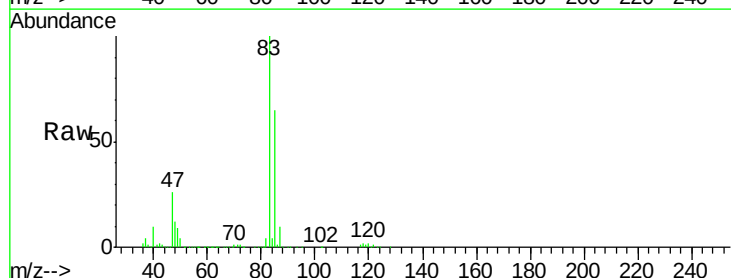
Acq: 21 Mar 2019 11:38

Tgt Ion: 83 Resp: 386731

Ion Ratio Lower Upper

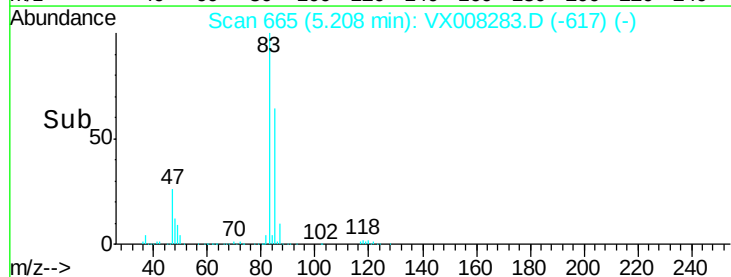
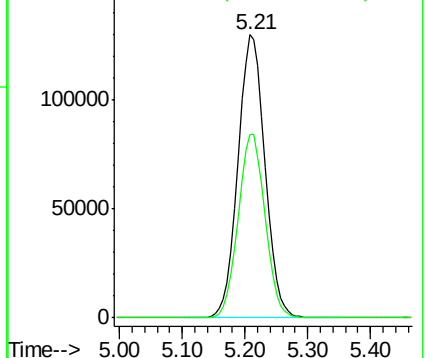
83 100

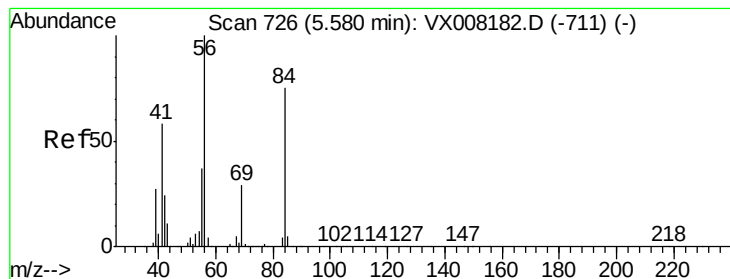
85 65.0 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.009 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

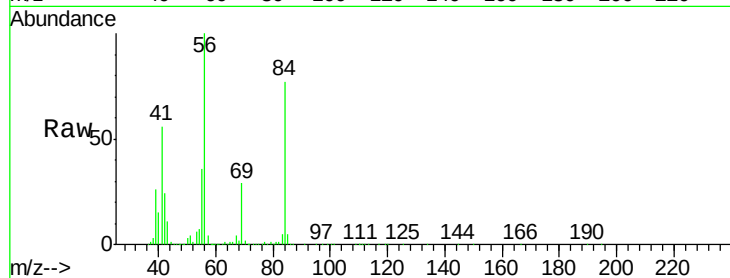
Tot Ion: 56 Resp: 401854

Ion Ratio Lower Upper

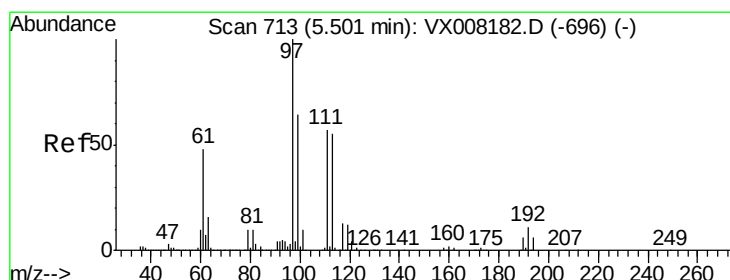
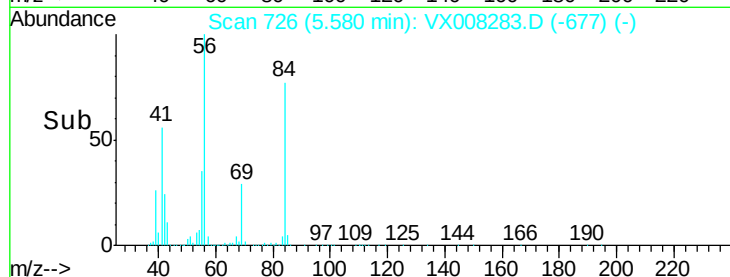
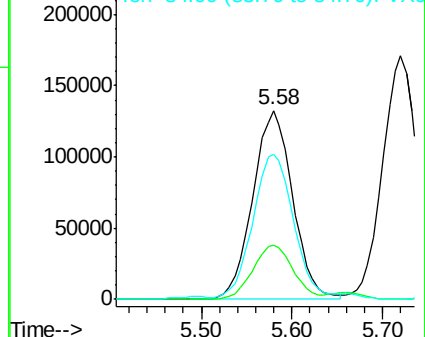
56 100

69 28.8 24.0 36.0

84 75.8 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.558 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

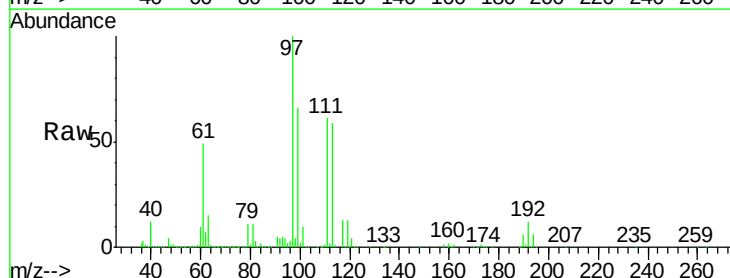
Tgt Ion: 97 Resp: 329929

Ion Ratio Lower Upper

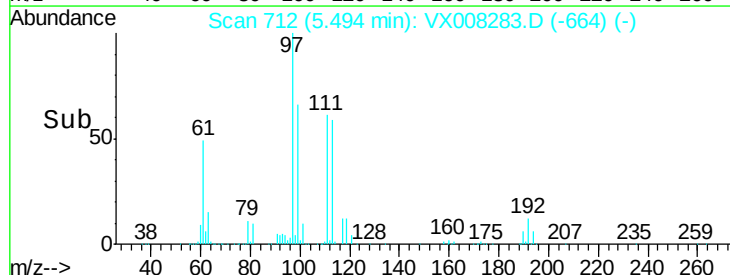
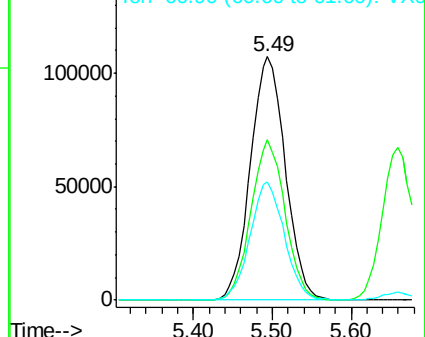
97 100

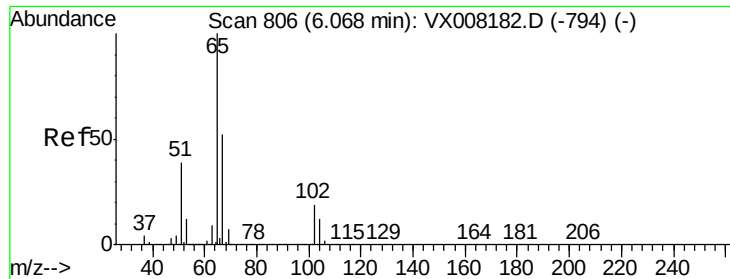
99 64.4 52.2 78.2

61 48.0 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

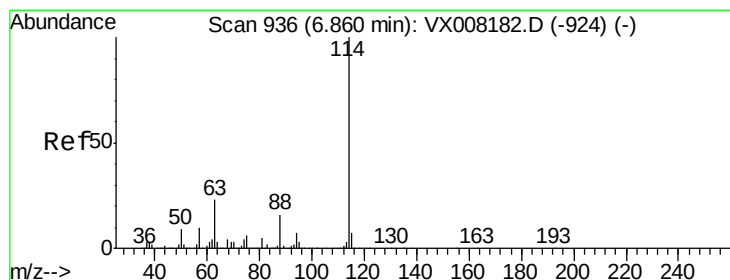
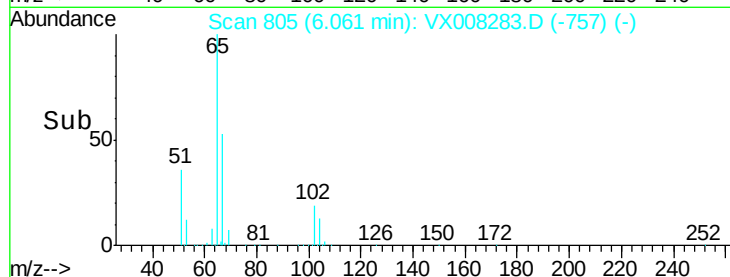
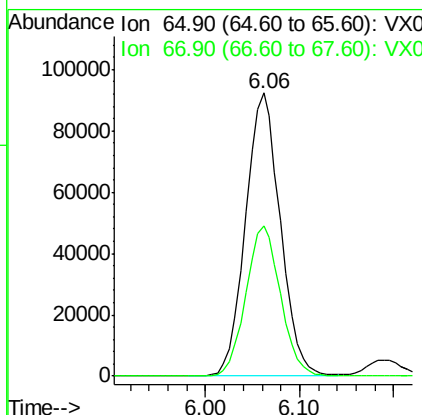
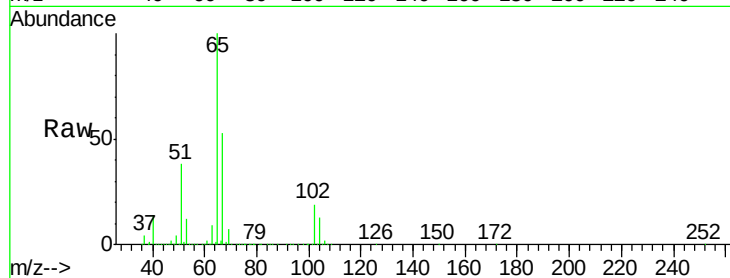




#33
 1,2-Dichloroethane-d4
 Concen: 48.323 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

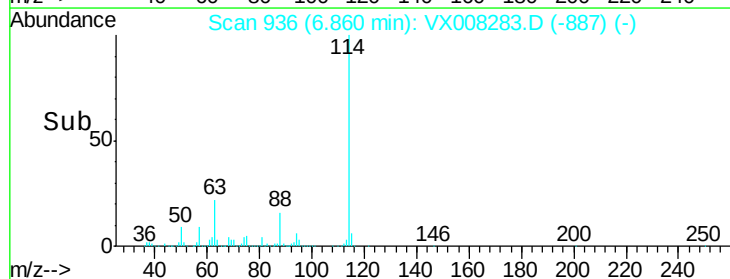
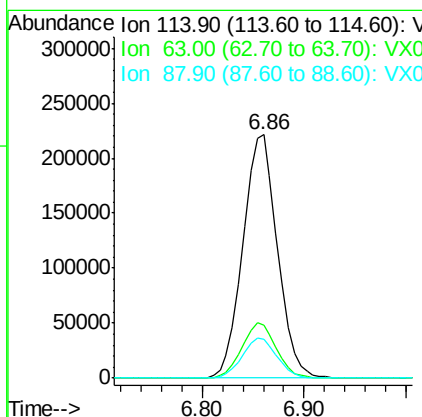
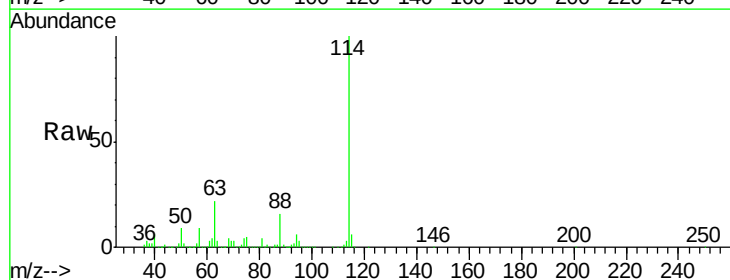
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

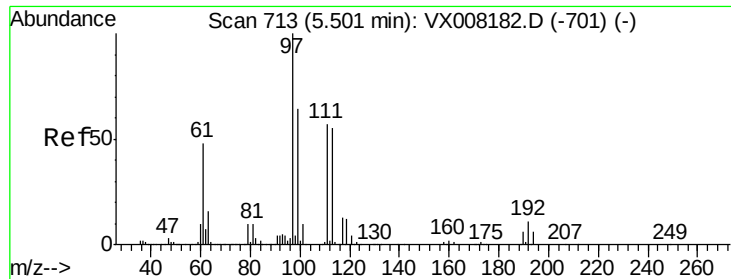
Tot Ion: 65 Resp: 238857
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Tgt Ion: 114 Resp: 521075
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 39.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.669 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

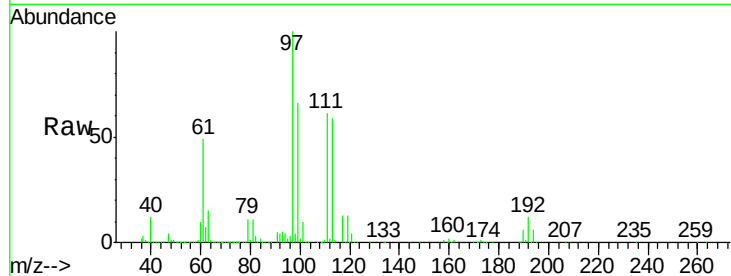
Tot Ion:113 Resp: 183724

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

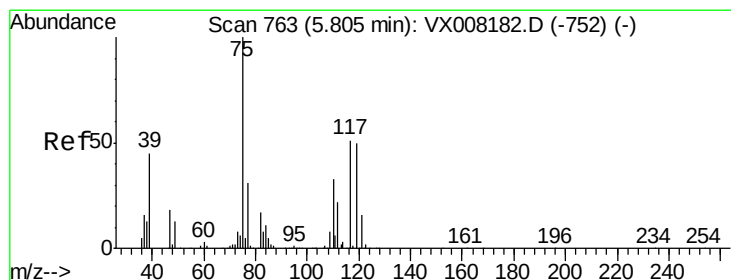
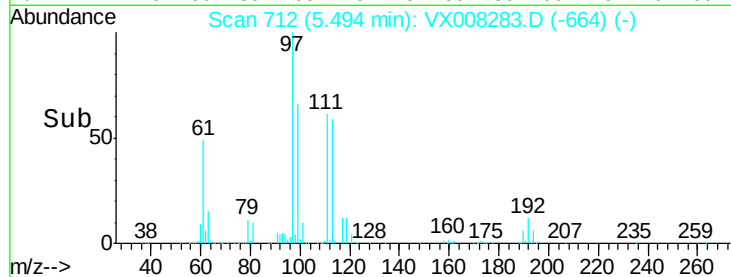
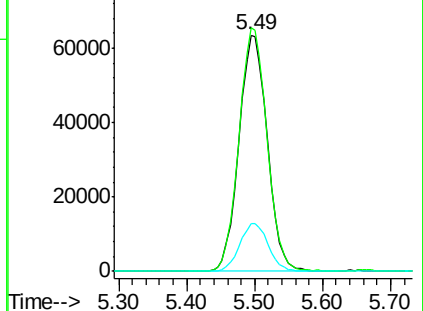
192 20.4 19.4 29.0



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: 50.560 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

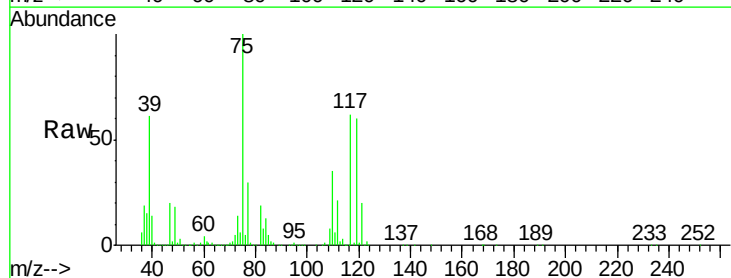
Tgt Ion: 75 Resp: 306731

Ion Ratio Lower Upper

75 100

110 33.8 18.4 55.0

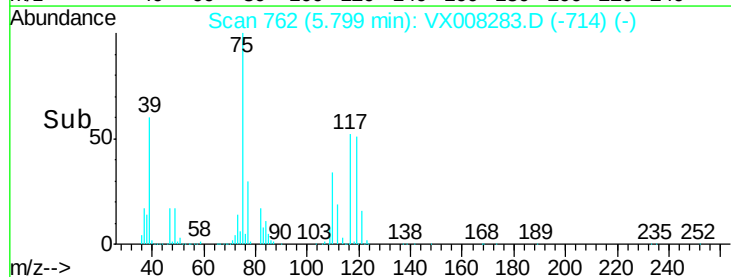
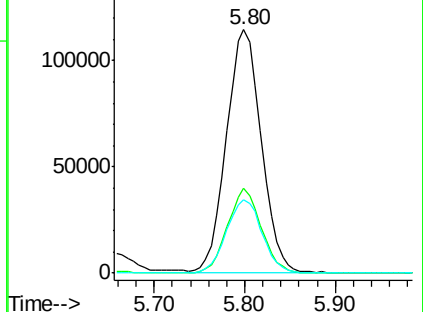
77 30.6 25.0 37.4

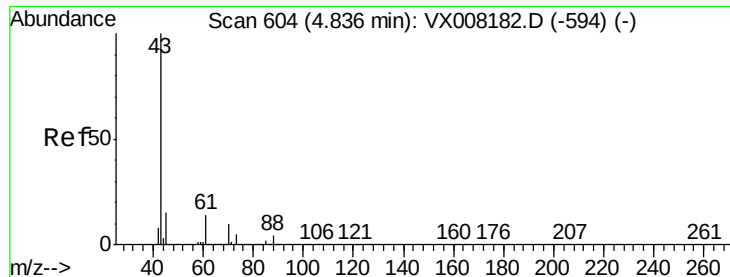


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

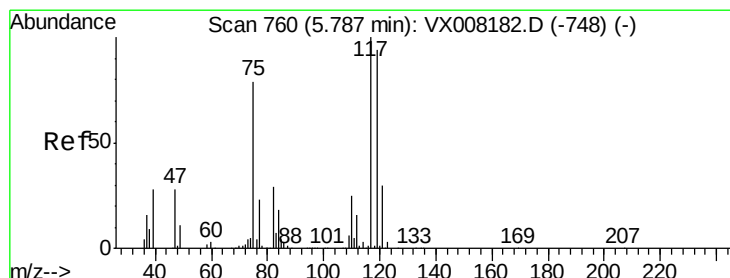
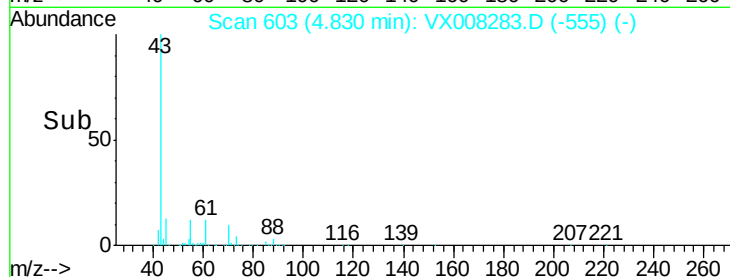
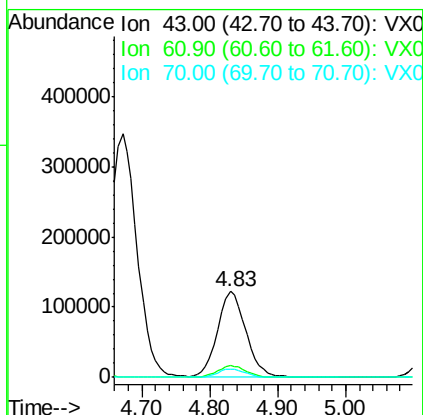
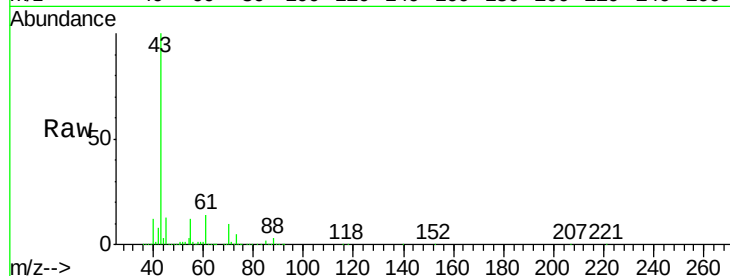




#37
Ethyl Acetate
Concen: 49.585 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

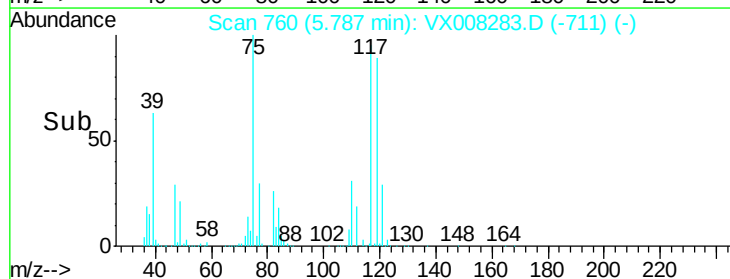
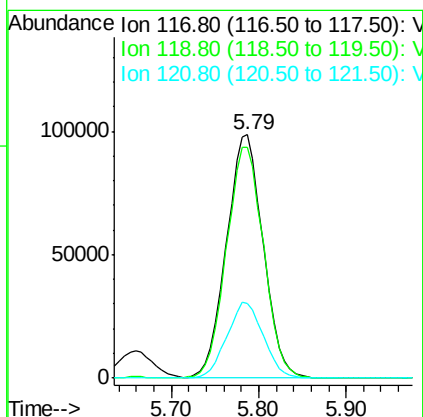
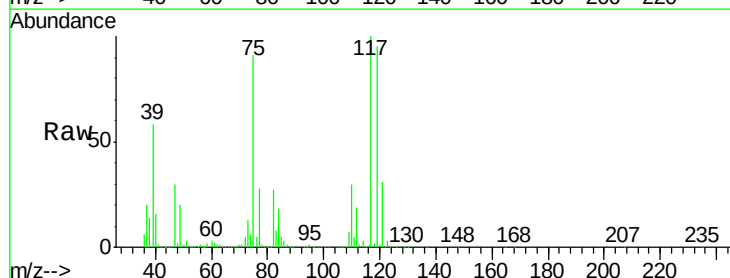
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

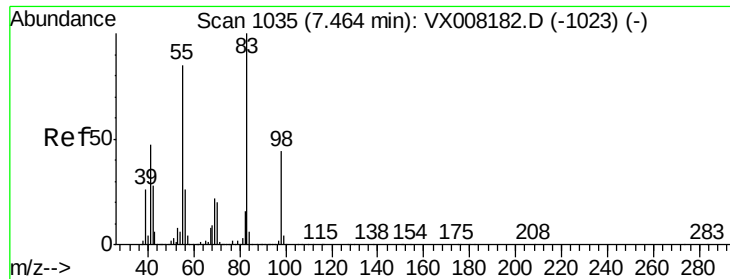
Tot Ion	43	Resp	355595
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.3	16.9
70	10.1	8.5	12.7



#38
Carbon Tetrachloride
Concen: 53.080 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion	117	Resp	286918
Ion Ratio	Lower	Upper	
117	100		
119	94.5	76.2	114.2
121	30.7	24.6	36.8

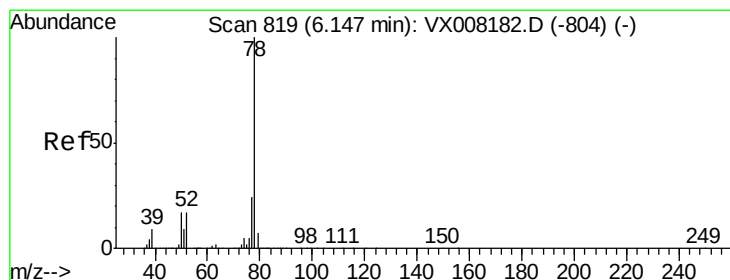
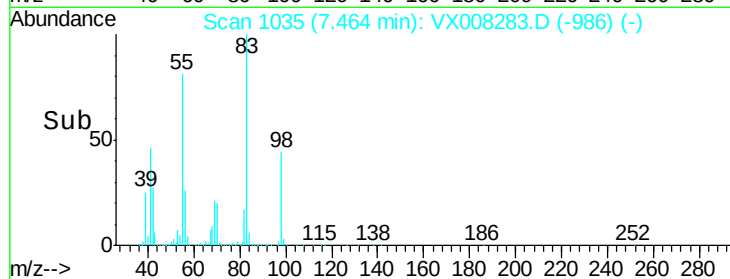
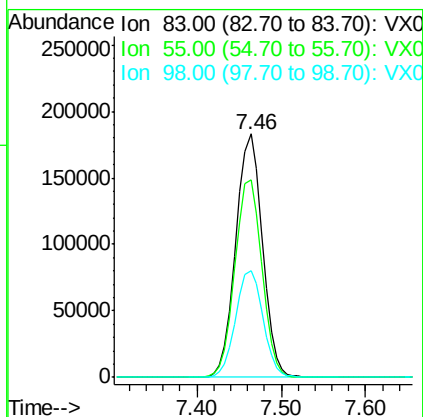
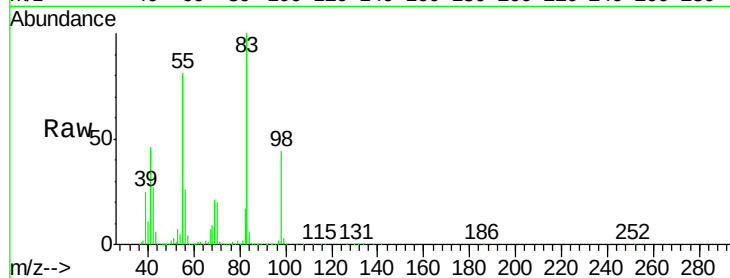




#39
Methylvlcyclohexane
Concen: 53.283 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

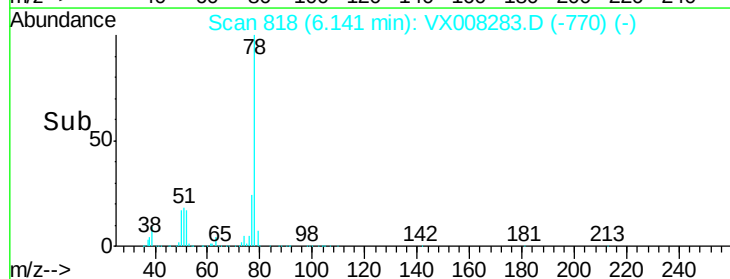
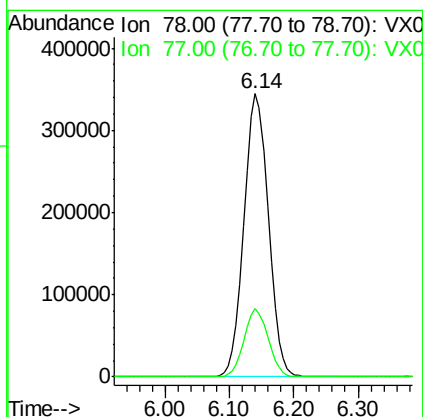
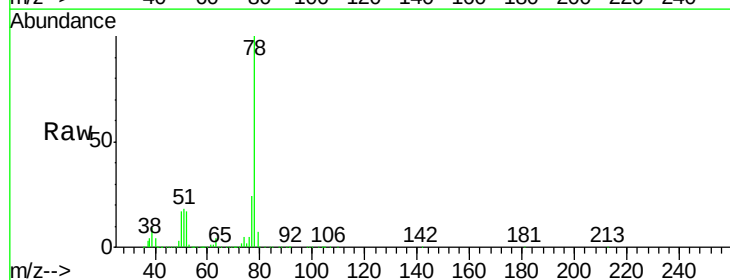
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

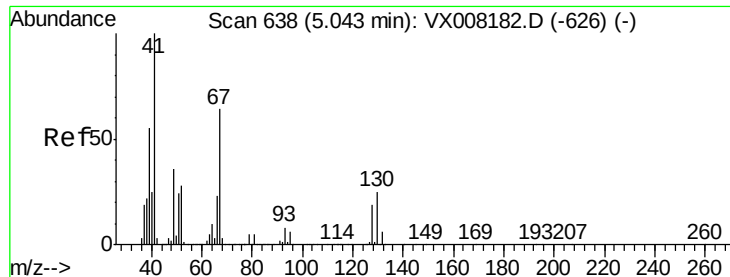
Tot Ion	83.00	Resp	388995
Ion	Ratio	Lower	Upper
83	100		
55	80.8	60.4	90.6
98	43.9	36.5	54.7



#40
Benzene
Concen: 49.881 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion	78.00	Resp	895670
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





#41

Methacrylonitrile

Concen: 49.244 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 198092

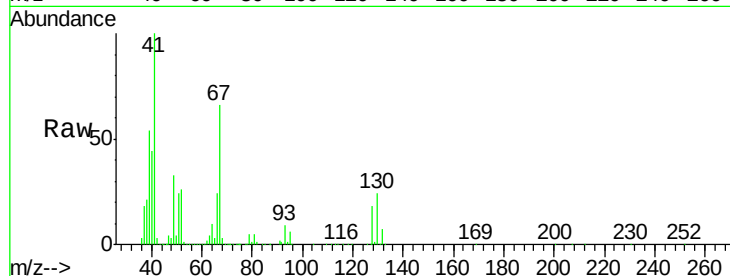
Ion Ratio Lower Upper

41 100

39 54.2 41.6 62.4

67 68.5 55.8 83.6

52 27.9 21.7 32.5

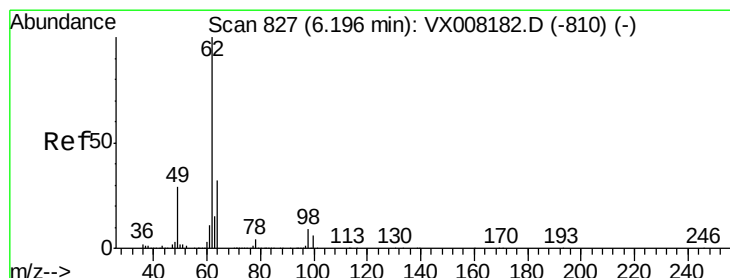
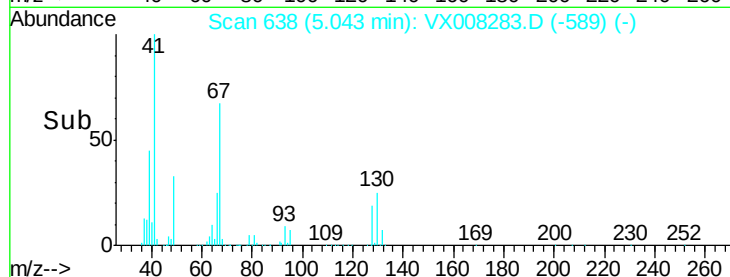
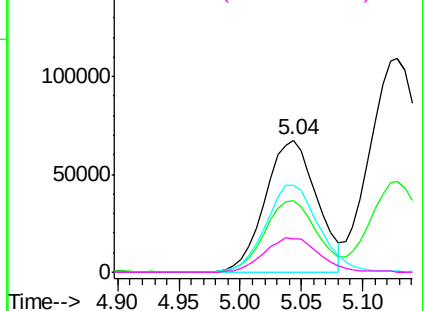


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.999 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008283.D

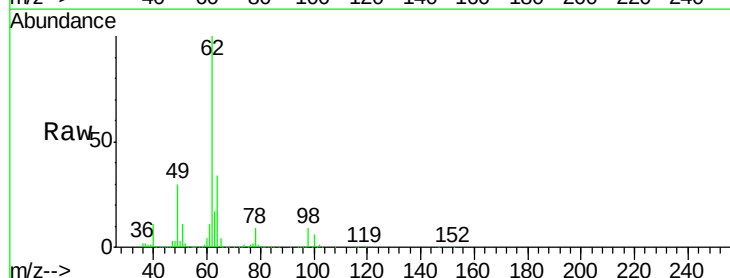
Acq: 21 Mar 2019 11:38

Tgt Ion: 62 Resp: 322308

Ion Ratio Lower Upper

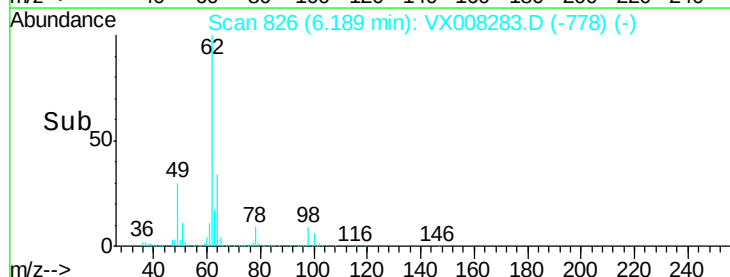
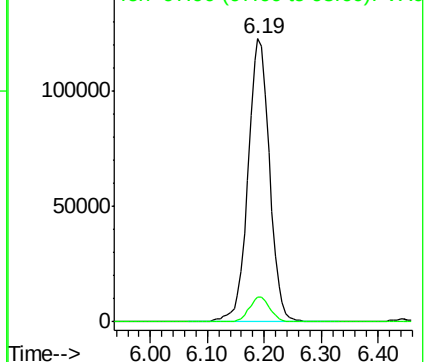
62 100

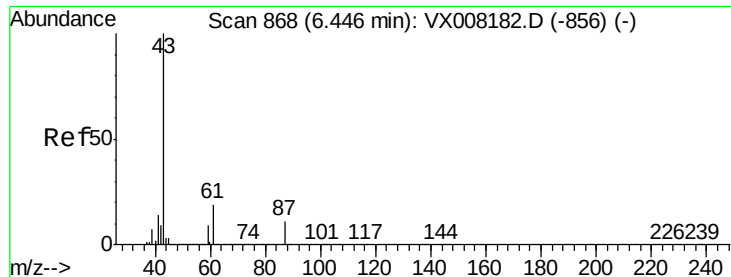
98 8.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.277 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

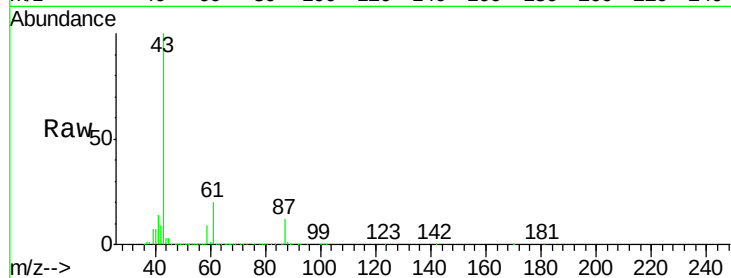
Tot Ion: 43 Resp: 589430

Ion Ratio Lower Upper

43 100

61 19.2 16.3 24.5

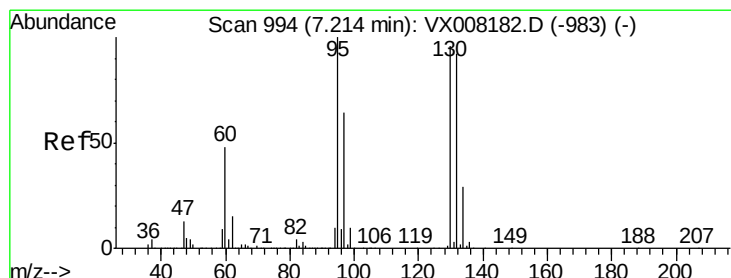
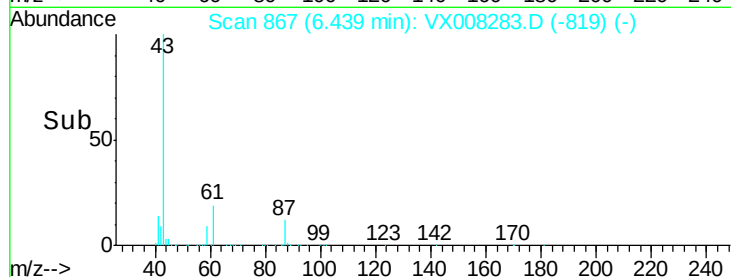
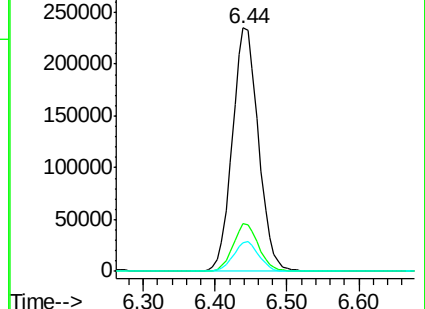
87 12.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.921 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008283.D

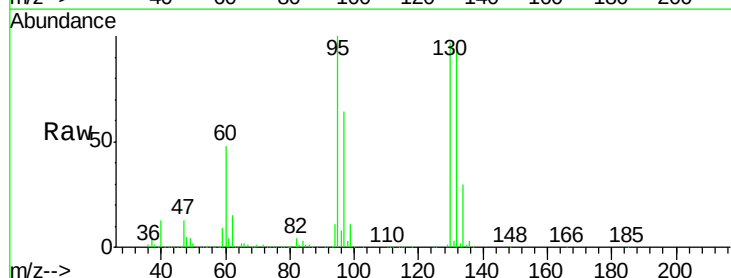
Acq: 21 Mar 2019 11:38

Tgt Ion:130 Resp: 219176

Ion Ratio Lower Upper

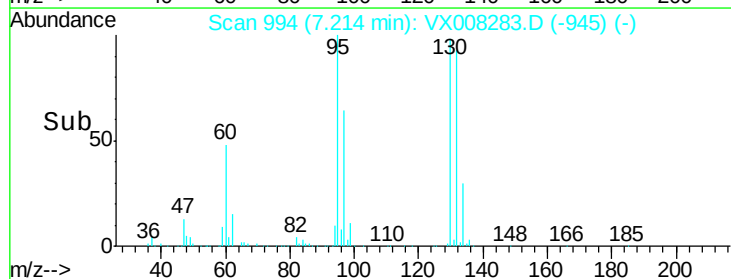
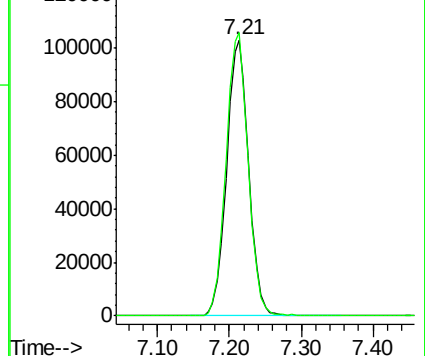
130 100

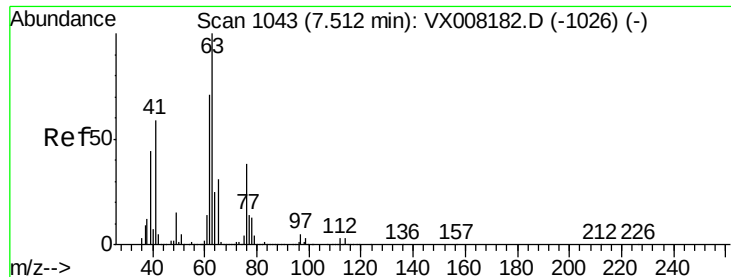
95 102.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.509 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

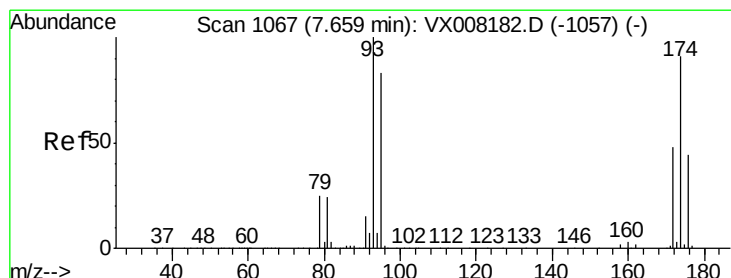
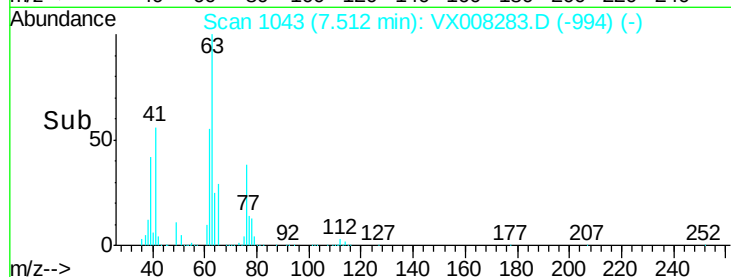
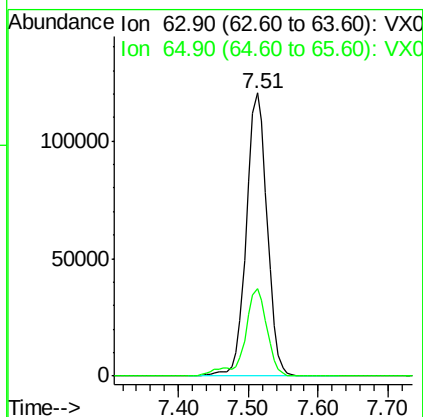
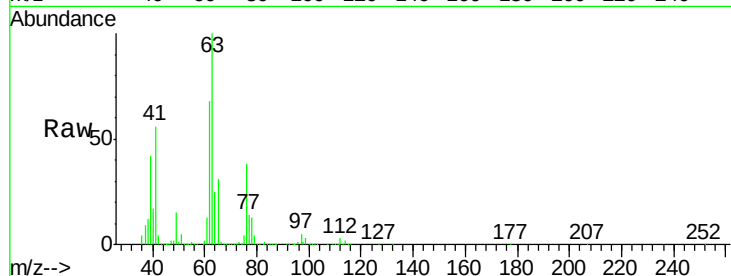
VSTDCCC050

Tot Ion: 63 Resp: 248861

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 49.394 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

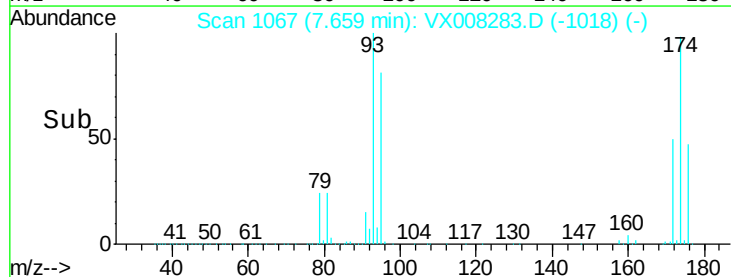
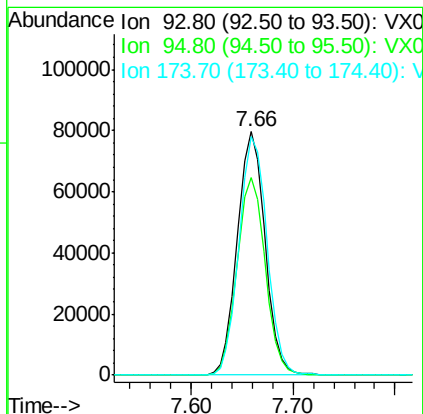
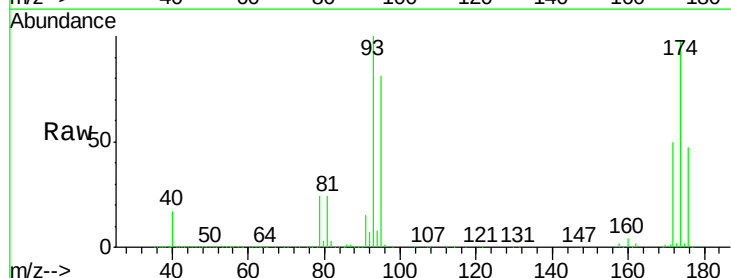
Tgt Ion: 93 Resp: 150329

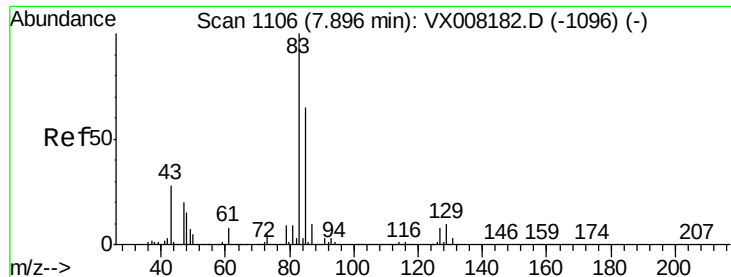
Ion Ratio Lower Upper

93 100

95 82.5 66.8 100.2

174 99.3 97.3 145.9





#47

Bromodichloromethane

Concen: 53.351 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

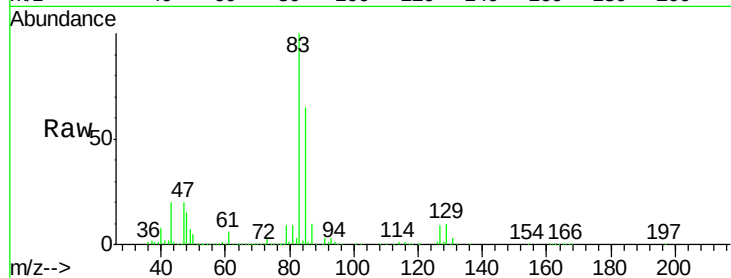
Tot Ion: 83 Resp: 309444

Ion Ratio Lower Upper

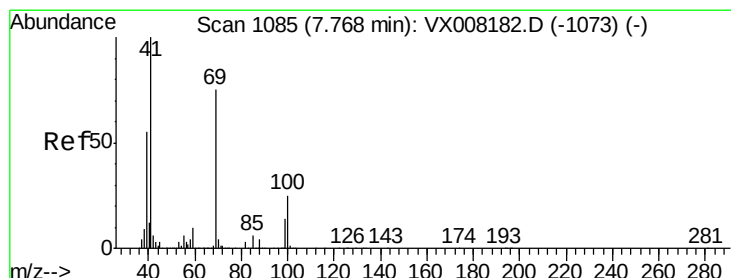
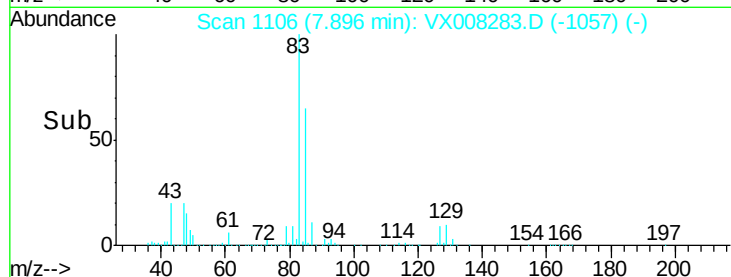
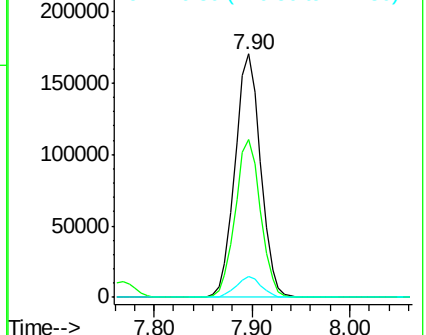
83 100

85 64.9 50.9 76.3

127 8.6 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: 49.934 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

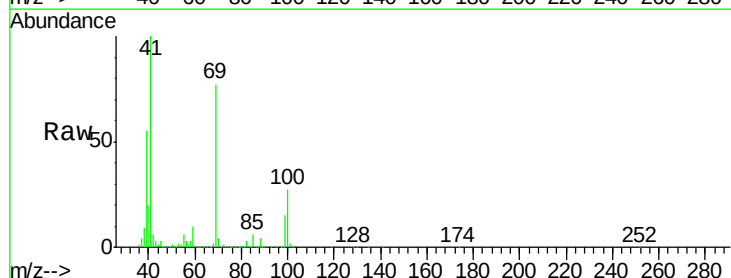
Tgt Ion: 41 Resp: 305202

Ion Ratio Lower Upper

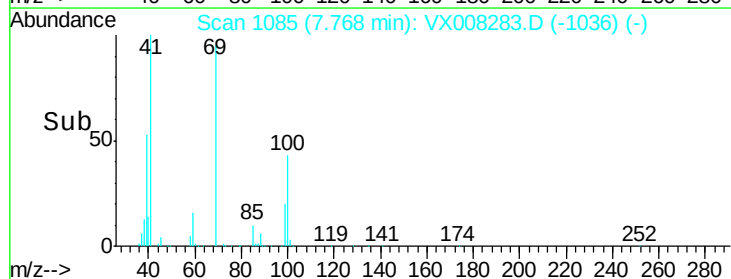
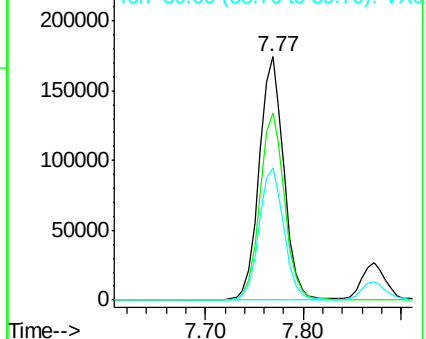
41 100

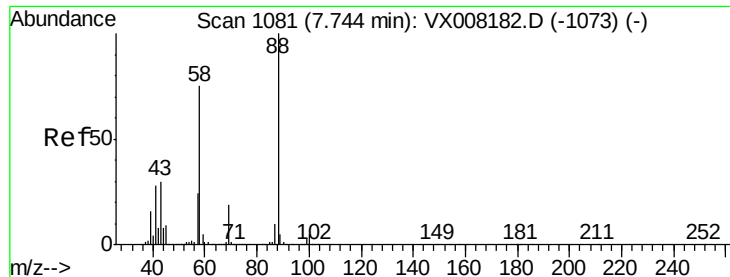
69 77.7 65.2 97.8

39 55.2 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: 977.084 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

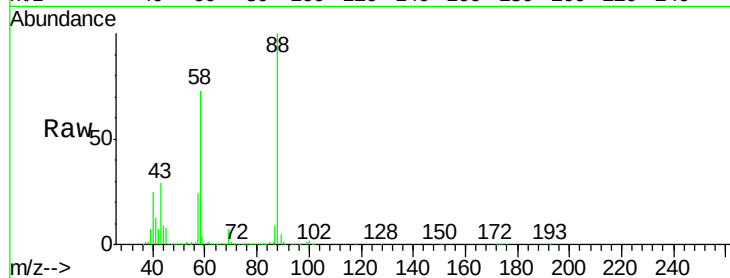
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 105386

Ion	Ratio	Lower	Upper
88	100		
43	35.9	25.1	37.7
58	76.2	57.8	86.6

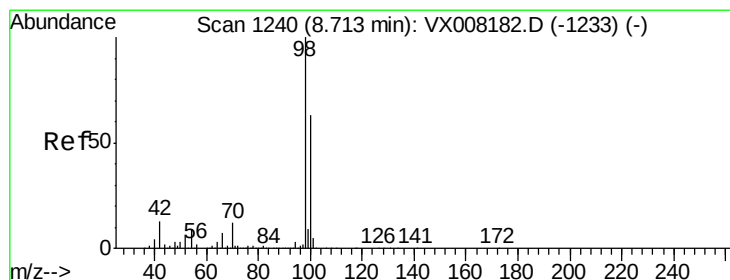
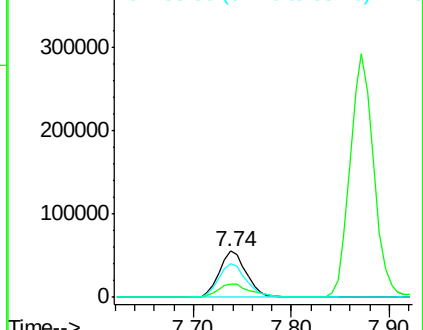
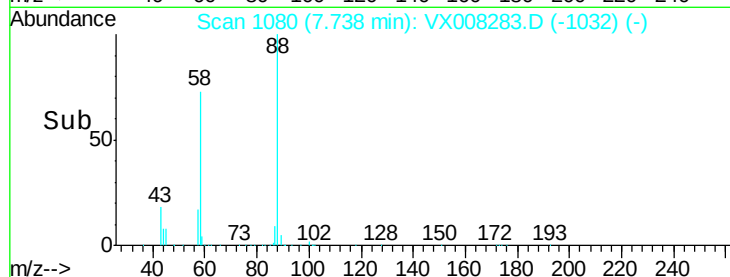


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.462 ug/l

RT: 8.71 min Scan# 1240

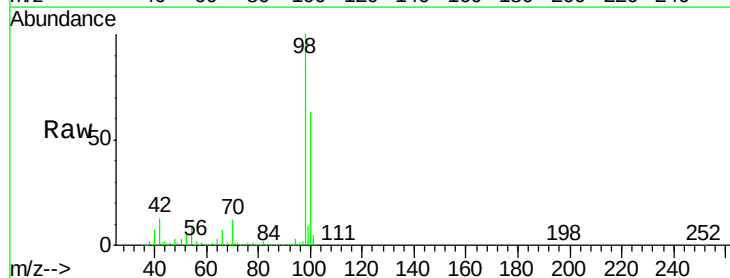
Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Tgt Ion: 98 Resp: 707046

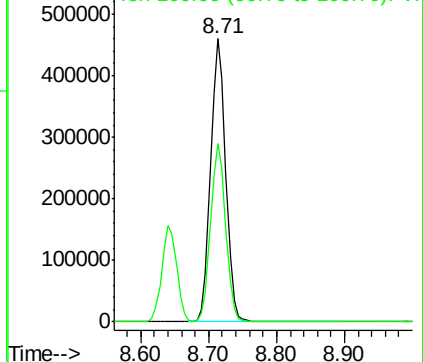
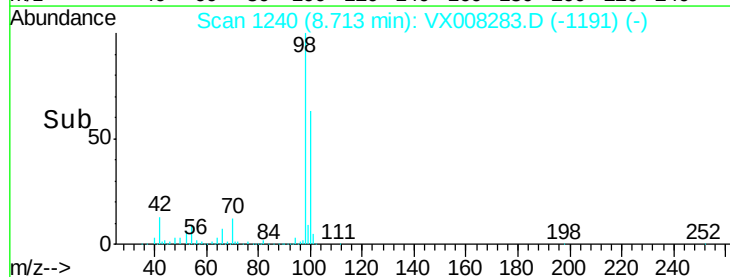
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5

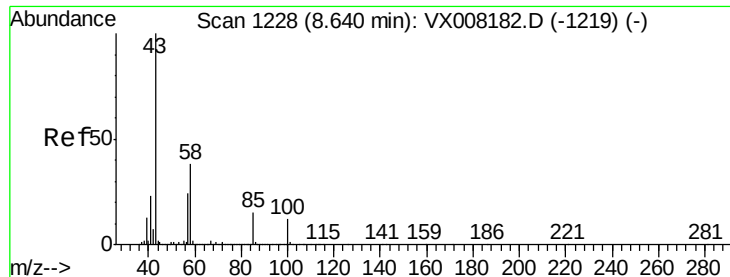


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 246.645 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

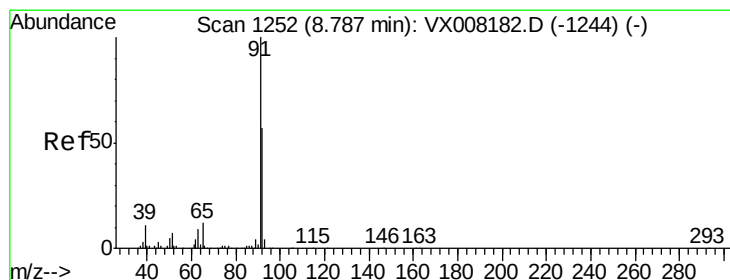
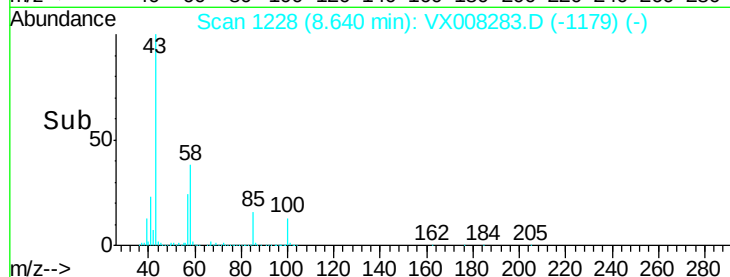
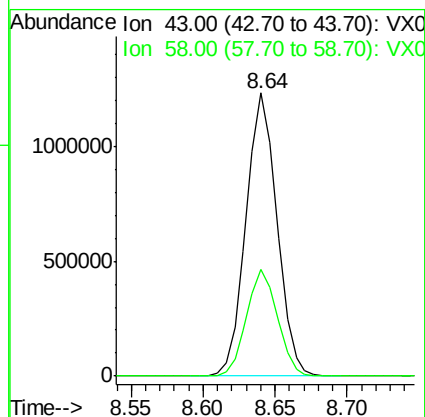
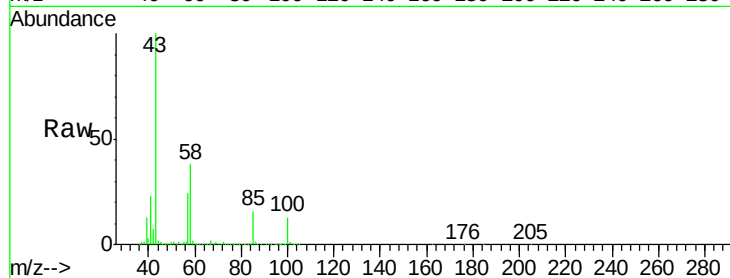
VSTDCCC050

Tot Ion: 43 Resp: 1832926

Ion Ratio Lower Upper

43 100

58 37.8 31.3 46.9



#52

Toluene

Concen: 50.955 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008283.D

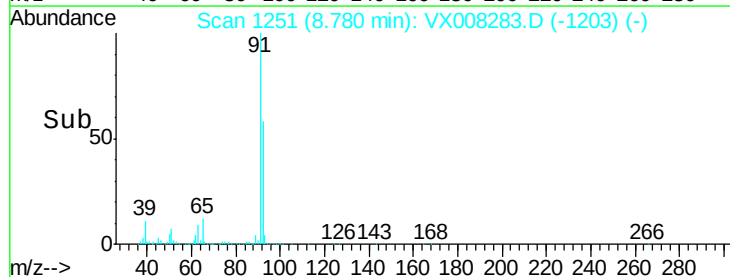
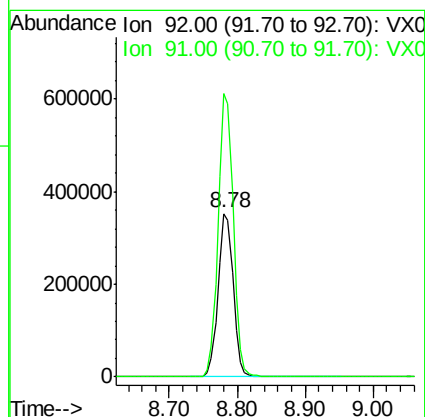
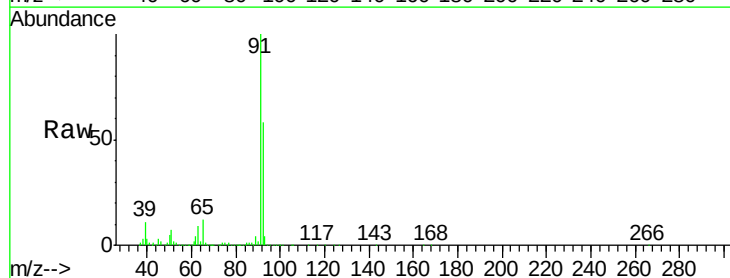
Acq: 21 Mar 2019 11:38

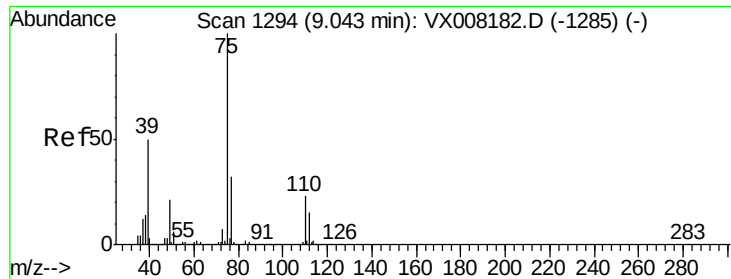
Tgt Ion: 92 Resp: 542805

Ion Ratio Lower Upper

92 100

91 174.4 137.4 206.0

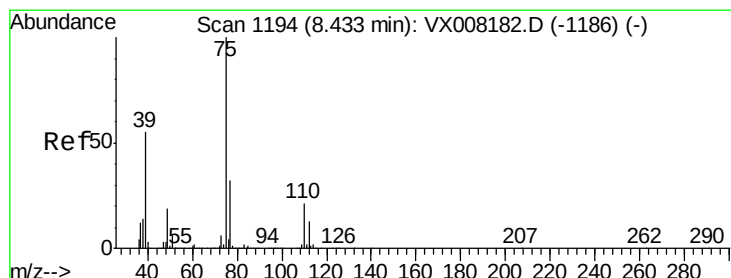
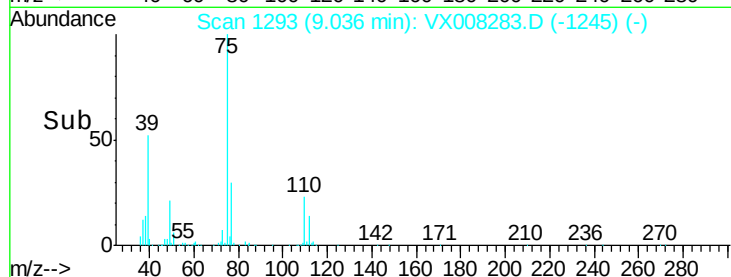
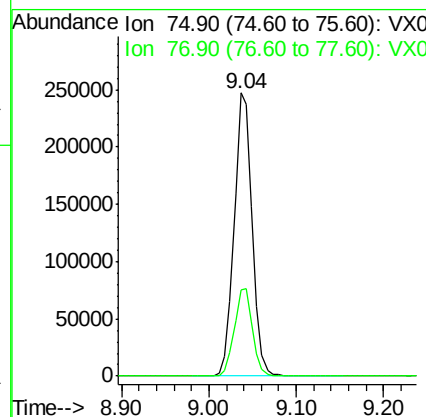
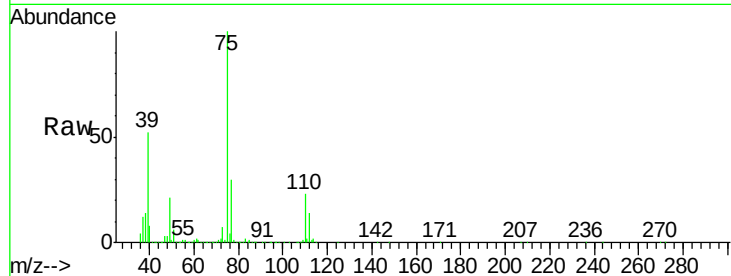




#53
t-1,3-Dichloropropene
Concen: 48.759 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

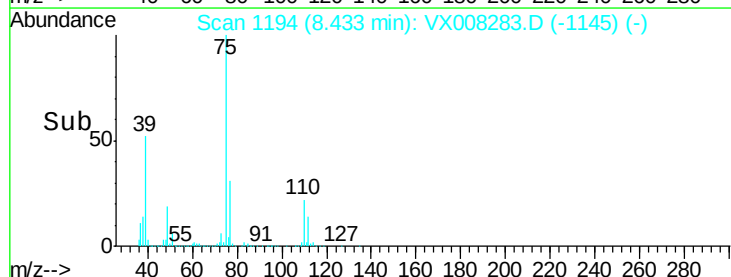
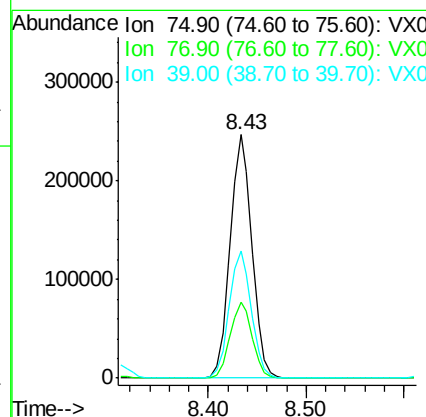
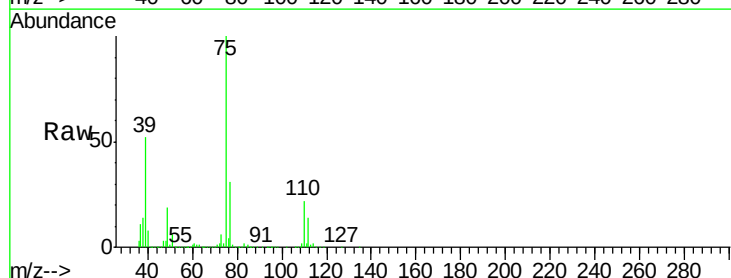
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

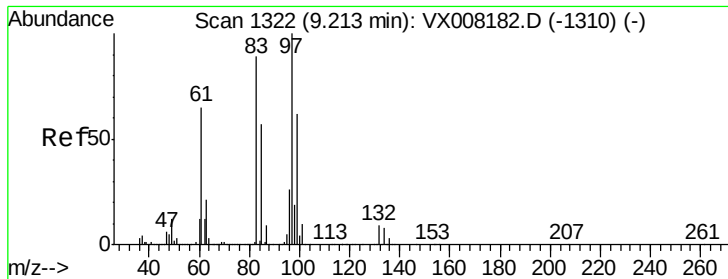
Tot Ion: 75 Resp: 353907
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.805 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion: 75 Resp: 380105
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 52.2 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 51.334 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 220942

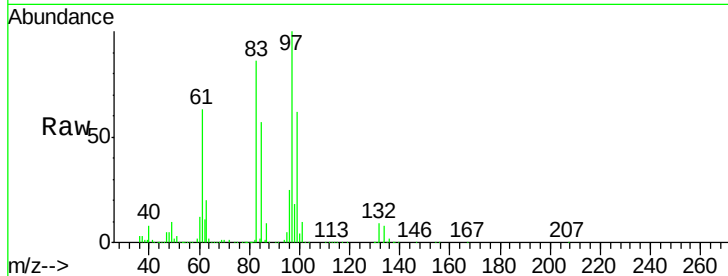
Ion Ratio Lower Upper

97 100

83 86.3 69.1 103.7

85 56.6 44.3 66.5

99 62.1 49.8 74.8

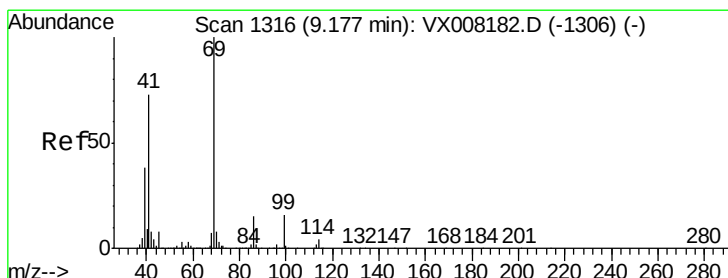
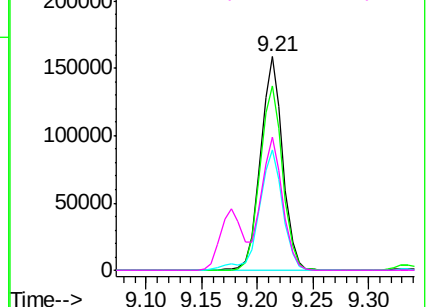
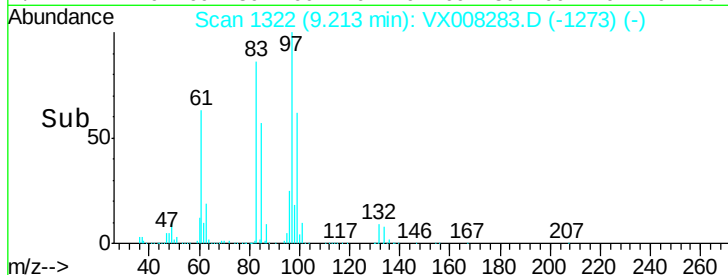


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.684 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

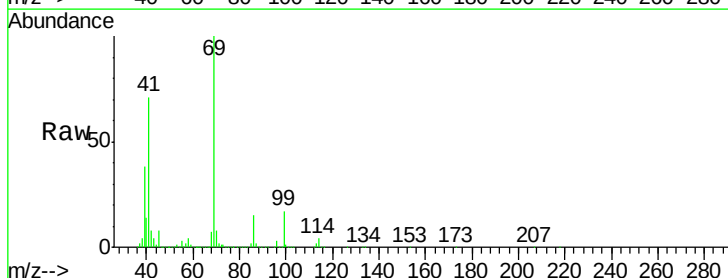
Tgt Ion: 69 Resp: 367436

Ion Ratio Lower Upper

69 100

41 72.2 54.2 81.4

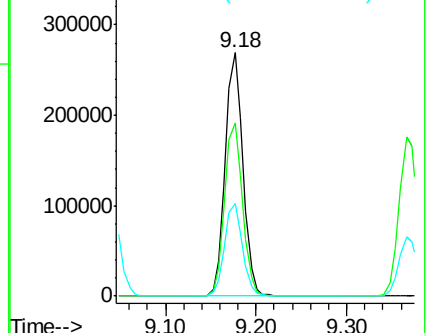
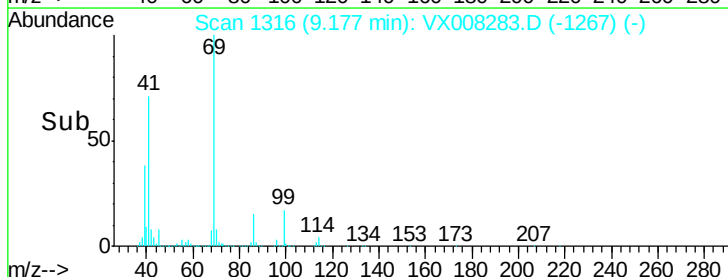
39 38.2 25.0 37.4#

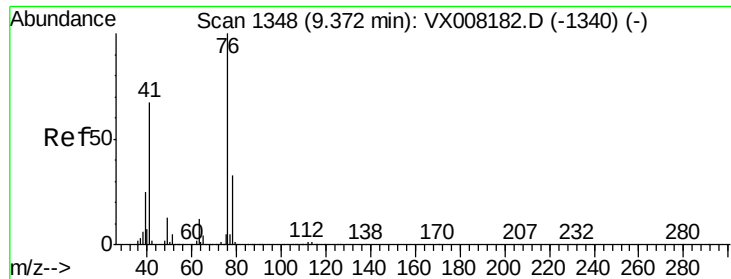


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.600 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

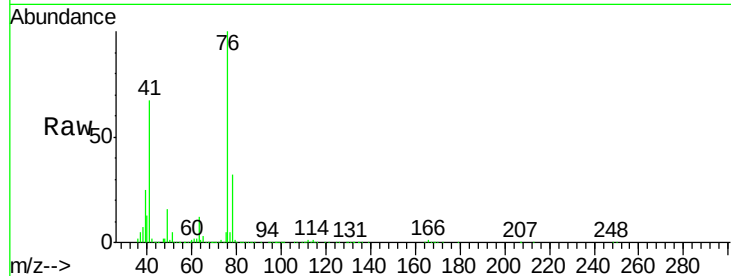
VSTDCCC050

Tot Ion: 76 Resp: 385259

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

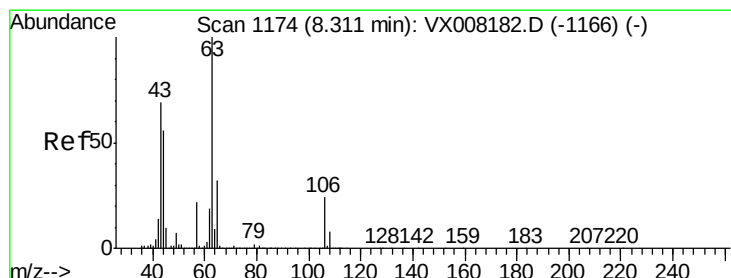
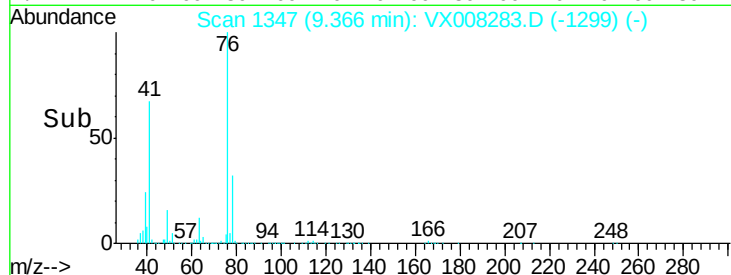
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 265.846 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008283.D

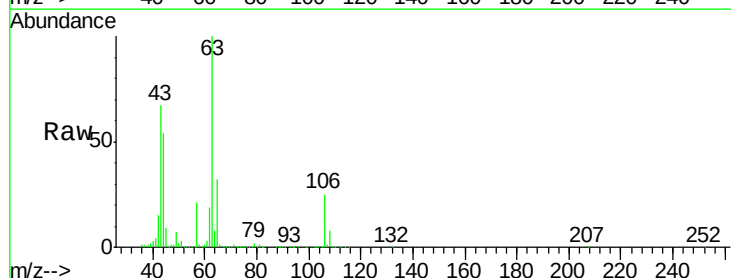
Acq: 21 Mar 2019 11:38

Tgt Ion: 63 Resp: 937485

Ion Ratio Lower Upper

63 100

106 25.1 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

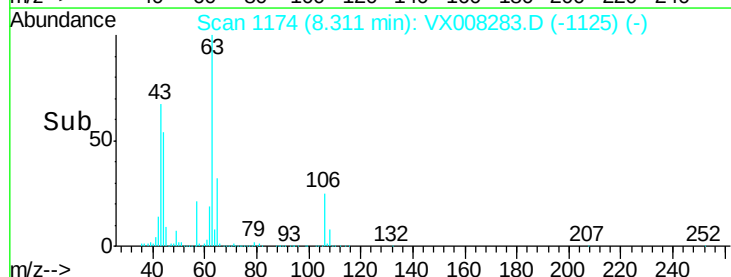
600000

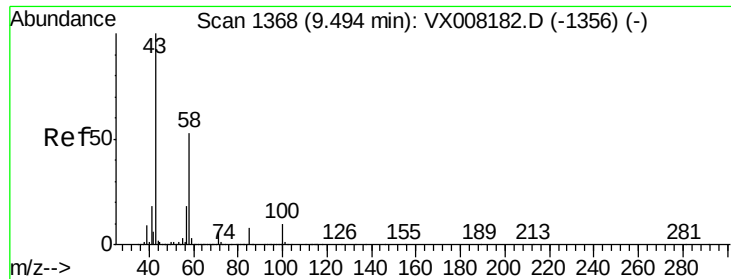
400000

200000

0

Time-->

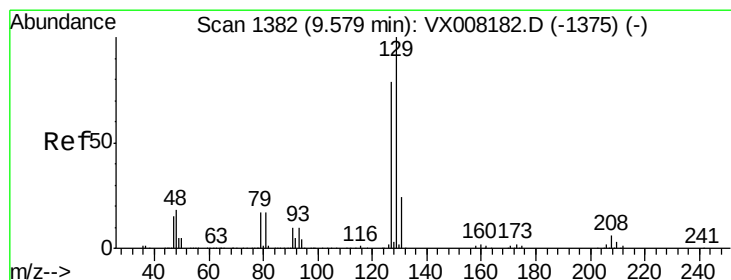
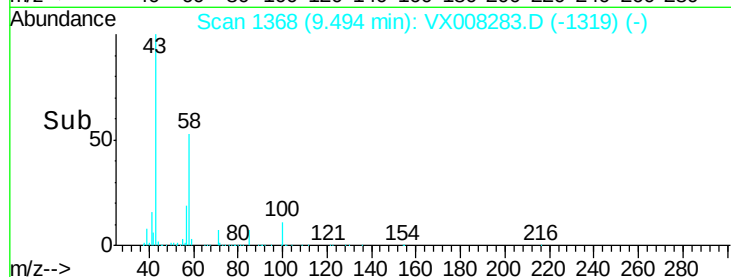
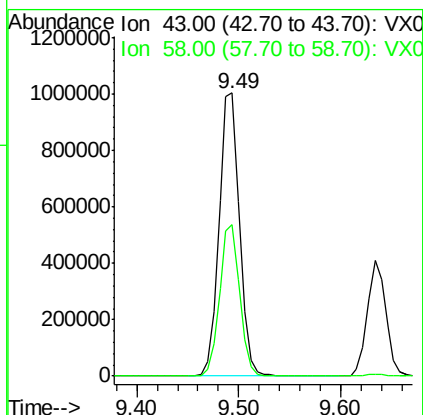
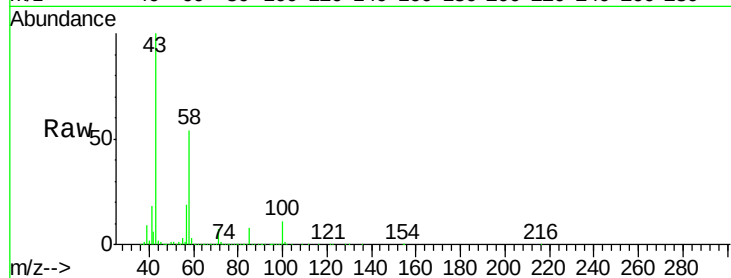




#59
2-Hexanone
Concen: 246.307 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

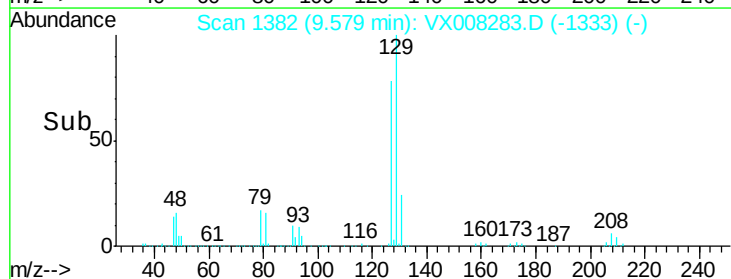
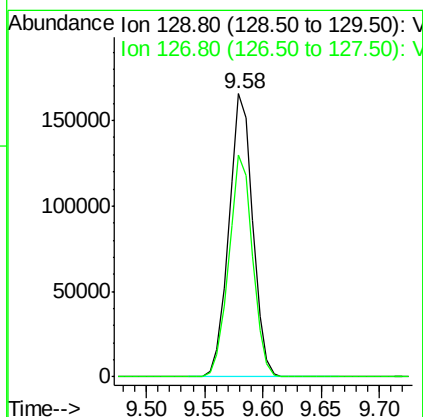
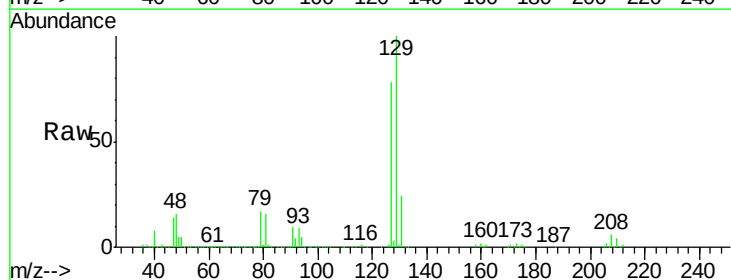
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

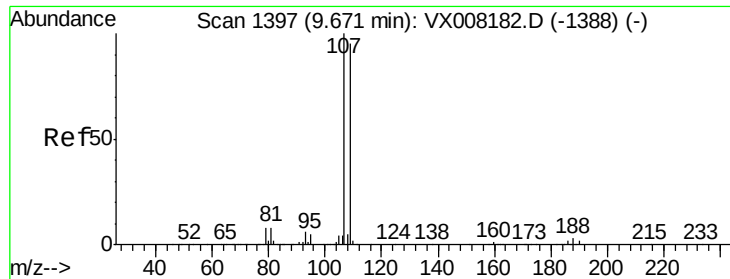
Tot Ion: 43 Resp: 1409197
Ion Ratio Lower Upper
43 100
58 52.7 27.6 82.7



#60
Dibromochloromethane
Concen: 57.005 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion:129 Resp: 235792
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.867 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

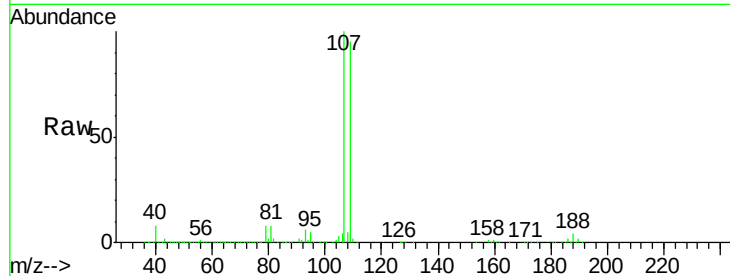
VSTDCCC050

Tot Ion:107 Resp: 228603

Ion Ratio Lower Upper

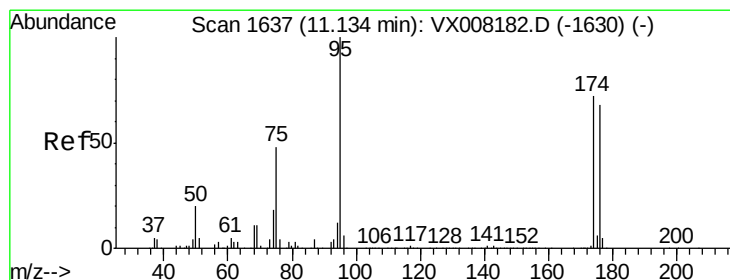
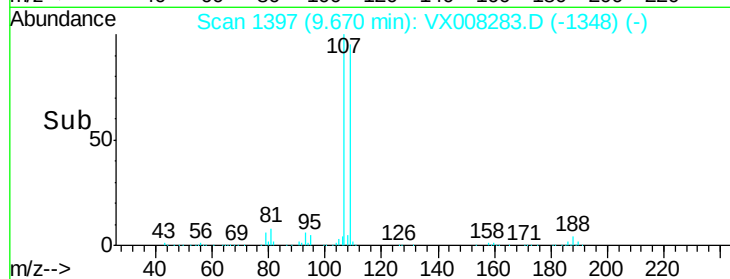
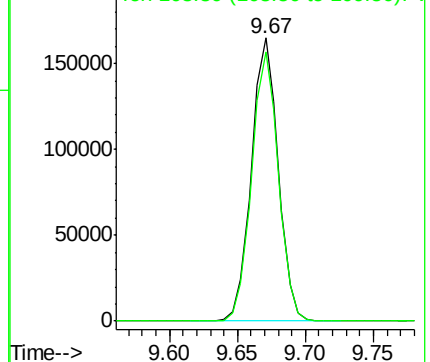
107 100

109 95.2 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: 55.508 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

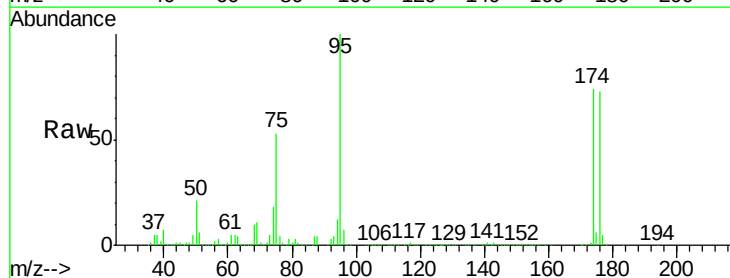
Tgt Ion: 95 Resp: 252766

Ion Ratio Lower Upper

95 100

174 79.7 0.0 182.8

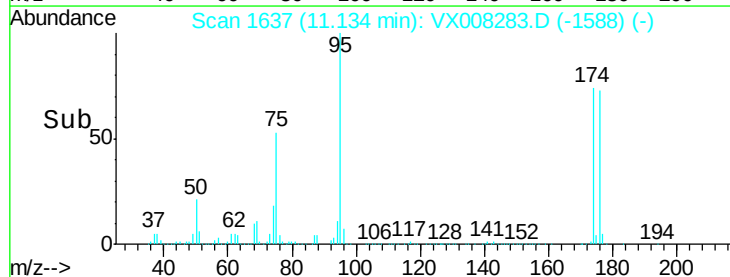
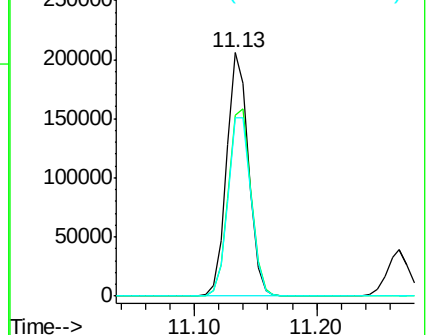
176 77.5 0.0 178.0

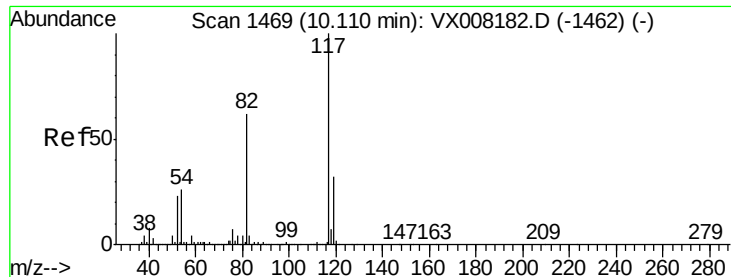


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

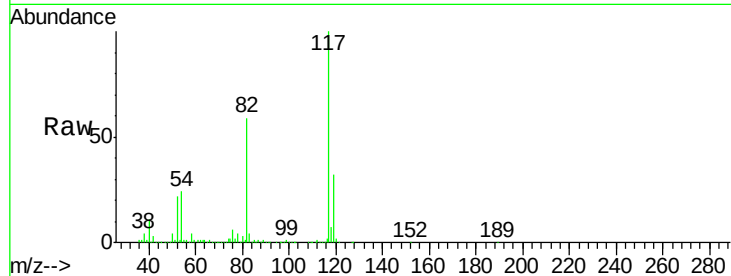
Tot Ion:117 Resp: 463433

Ion Ratio Lower Upper

117 100

82 59.4 44.3 66.5

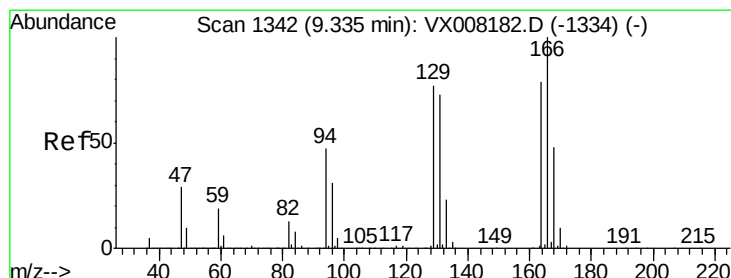
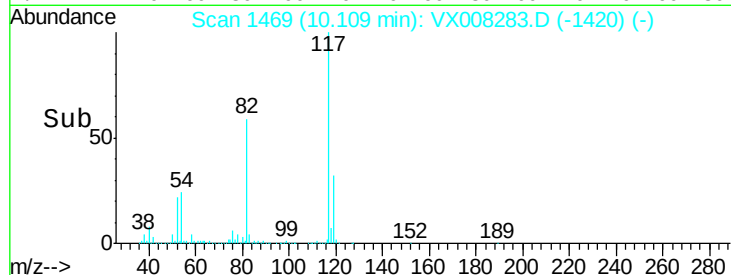
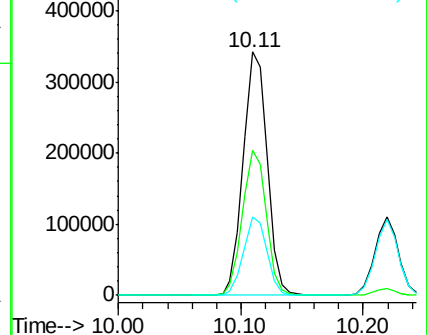
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.272 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Tgt Ion:164 Resp: 201829

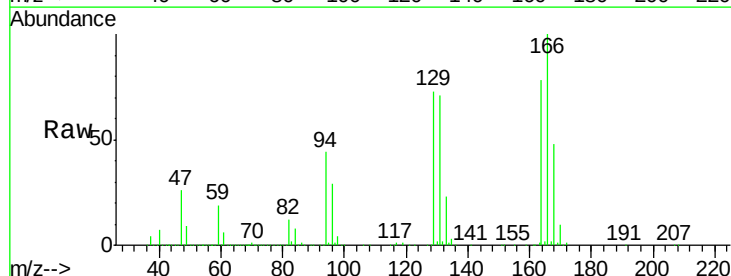
Ion Ratio Lower Upper

164 100

166 128.9 103.4 155.0

129 94.7 72.2 108.4

131 90.9 69.4 104.2

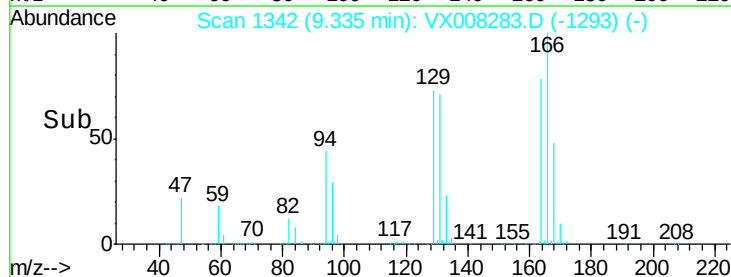
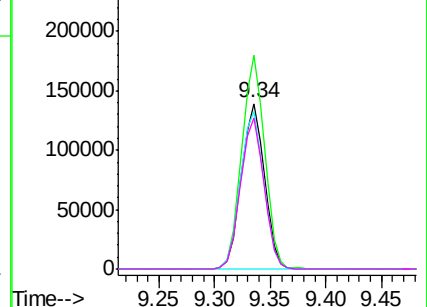


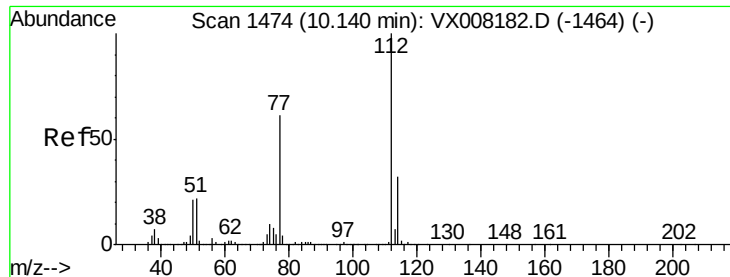
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

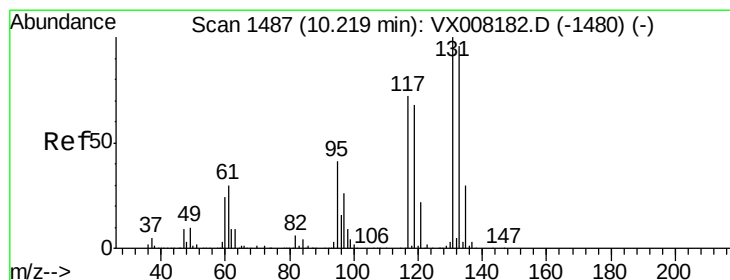
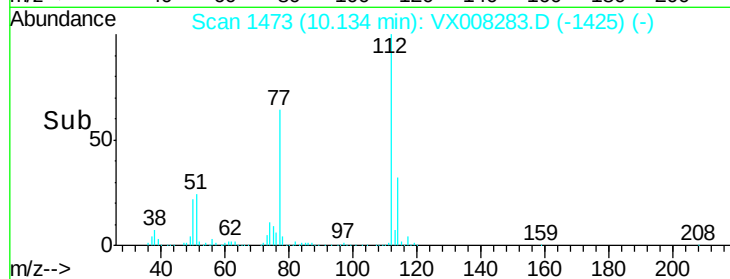
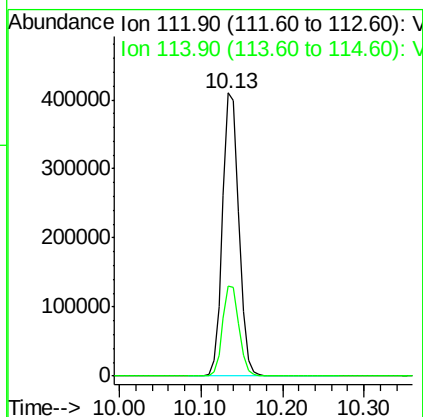
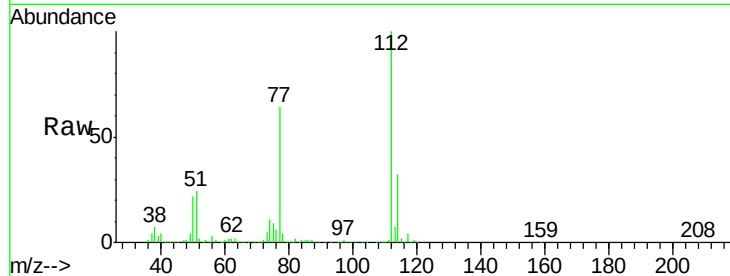




#65
Chlorobenzene
Concen: 50.221 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

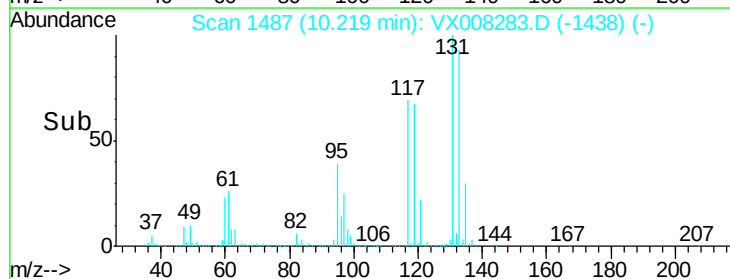
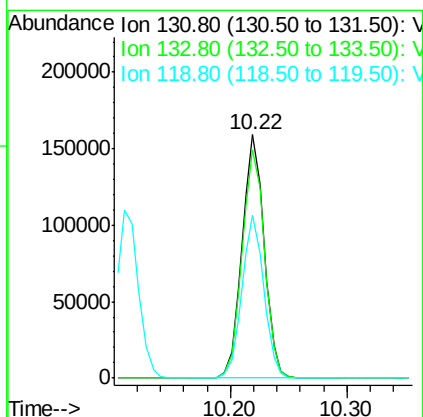
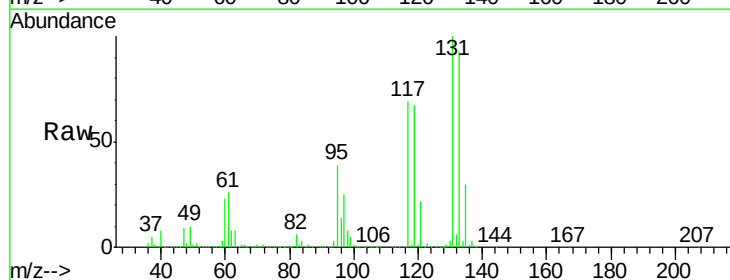
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

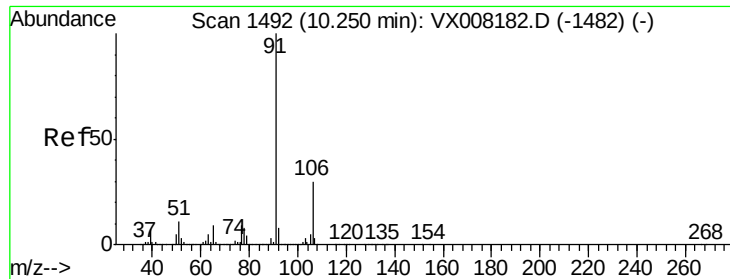
Tot Ion:112 Resp: 572678
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.935 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion:131 Resp: 210461
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 66.8 32.5 97.5





#67

Ethyl Benzene

Concen: 51.919 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampled :

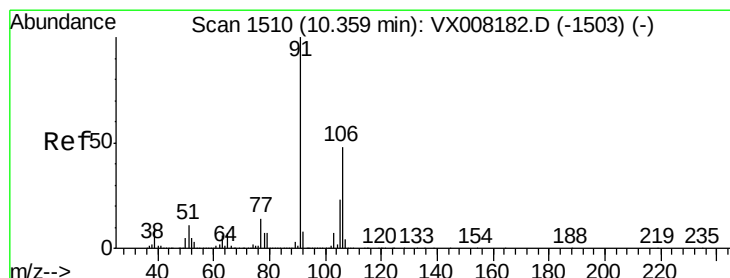
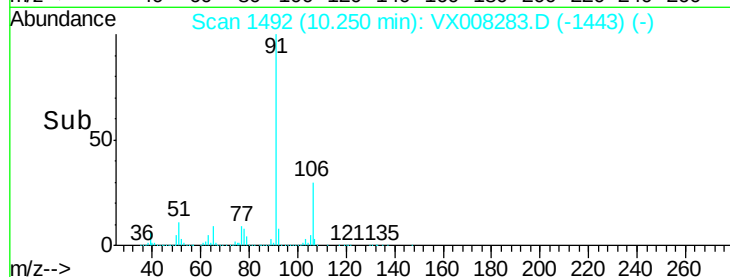
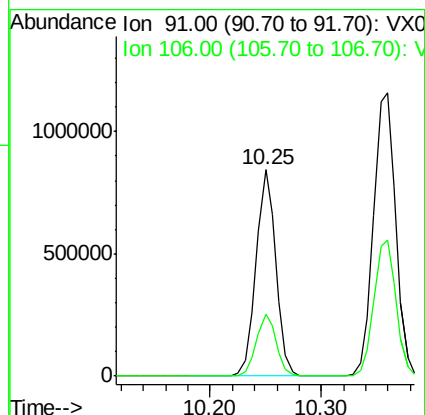
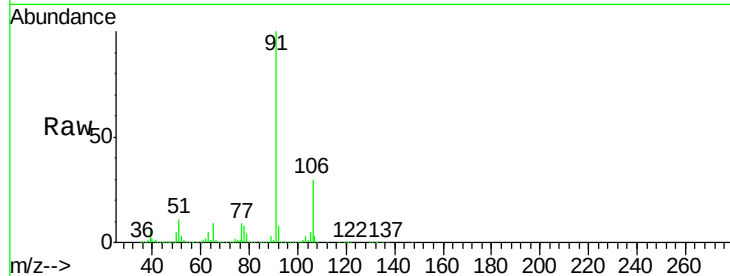
VSTDCCC050

Tot Ion: 91 Resp: 1043296

Ion Ratio Lower Upper

91 100

106 29.9 25.2 37.8



#68

m/p-Xylenes

Concen: 104.566 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008283.D

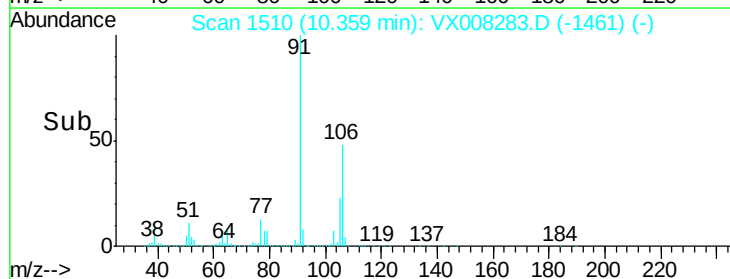
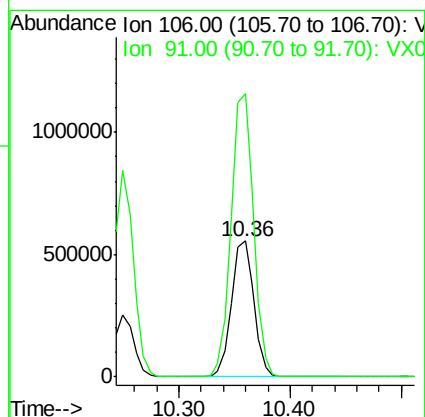
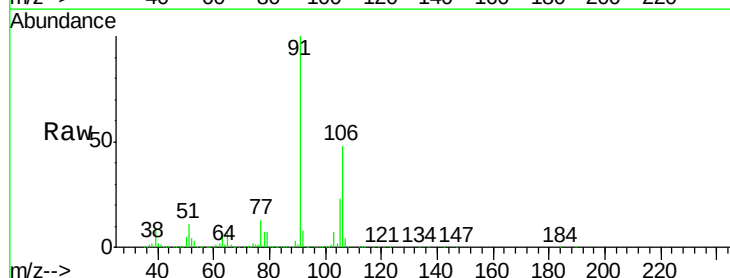
Acq: 21 Mar 2019 11:38

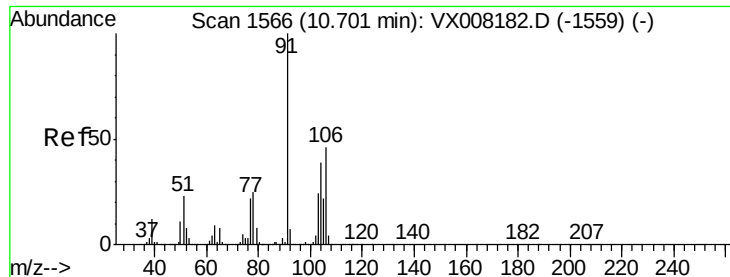
Tgt Ion: 106 Resp: 771863

Ion Ratio Lower Upper

106 100

91 209.3 159.8 239.6

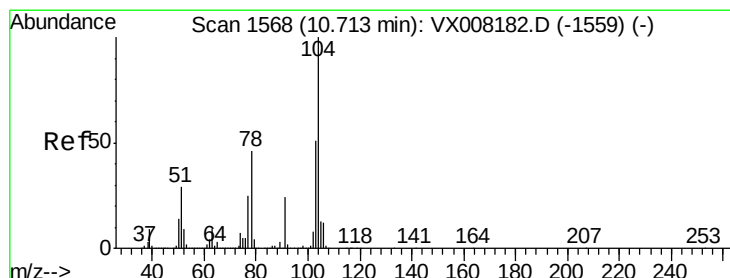
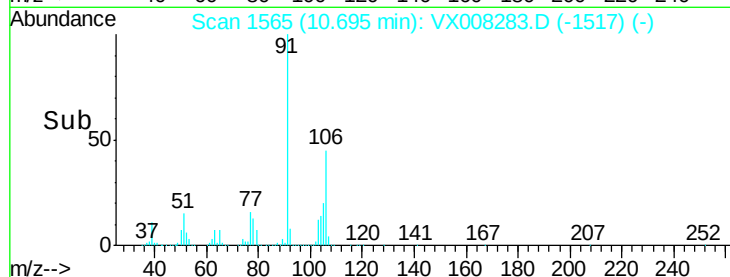
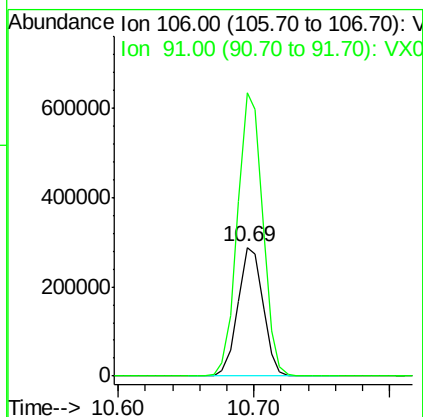
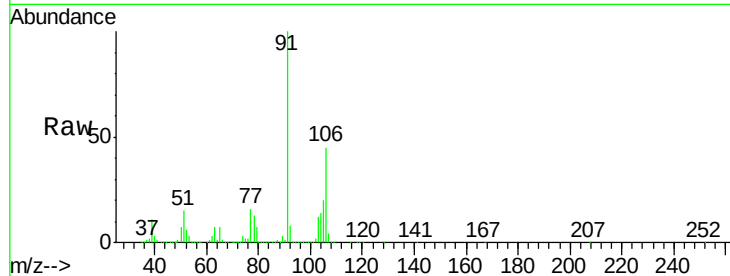




#69
o-Xylene
Concen: 51.984 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

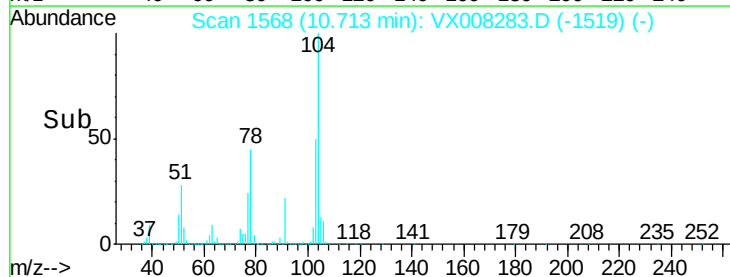
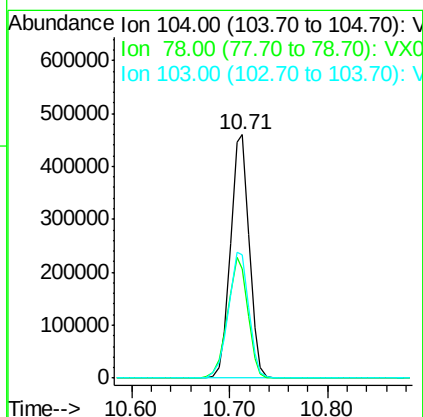
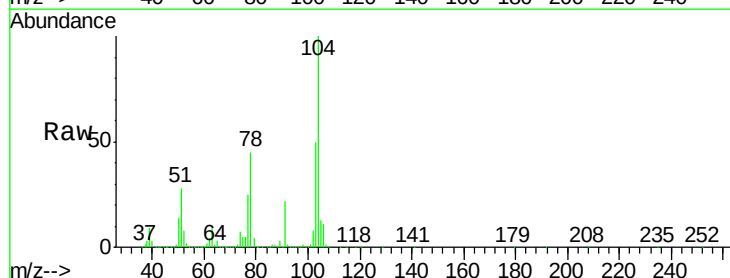
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

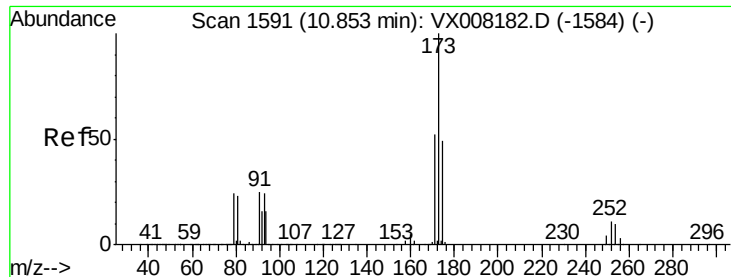
Tot Ion:106 Resp: 372866
Ion Ratio Lower Upper
106 100
91 219.7 106.3 318.9



#70
Styrene
Concen: 52.518 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion:104 Resp: 612198
Ion Ratio Lower Upper
104 100
78 53.3 38.5 57.7
103 56.3 44.1 66.1

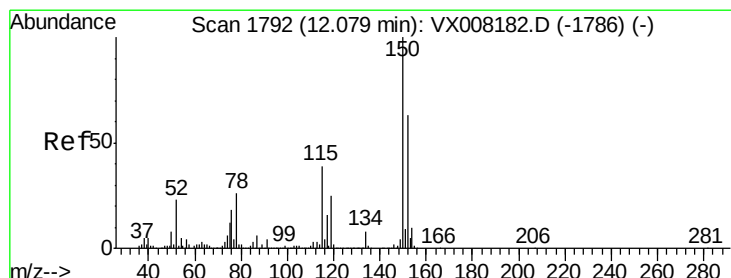
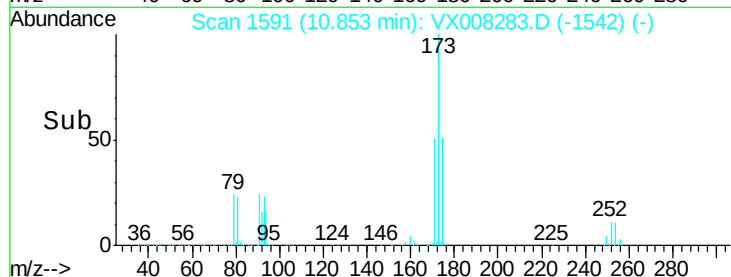
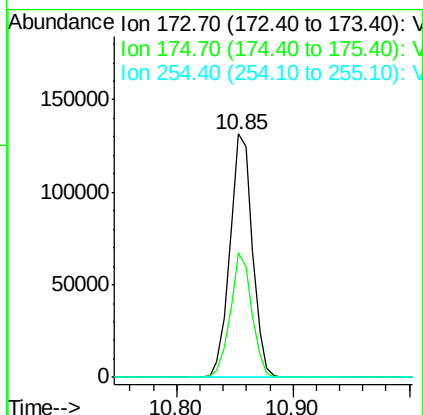
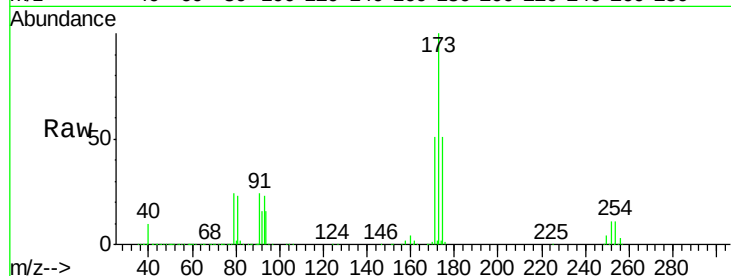




#71
Bromoform
Concen: 51.509 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

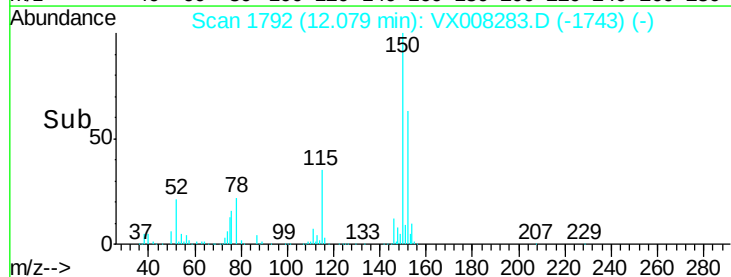
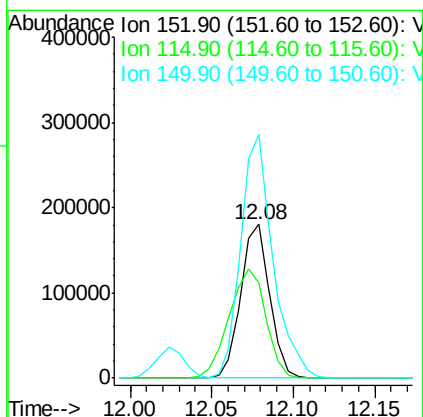
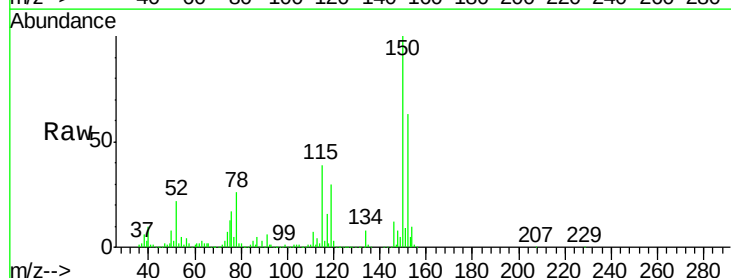
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

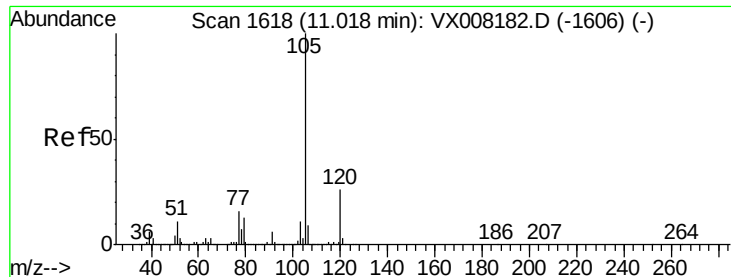
Tot Ion:173 Resp: 176690
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.9
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion:152 Resp: 222754
Ion Ratio Lower Upper
152 100
115 89.9 38.6 115.7
150 176.8 0.0 348.4





#73

Isopropylbenzene

Concen: 51.228 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

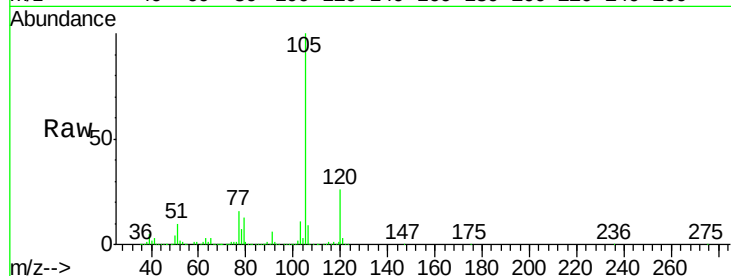
VSTDCCC050

Tot Ion:105 Resp: 1017144

Ion Ratio Lower Upper

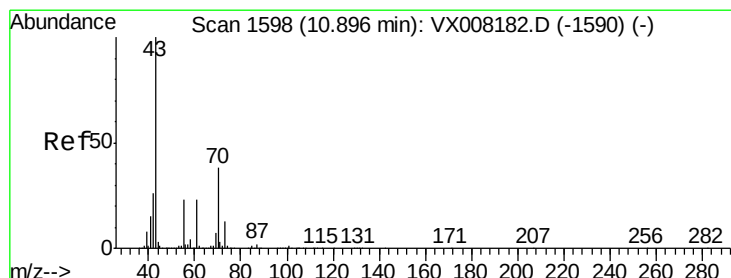
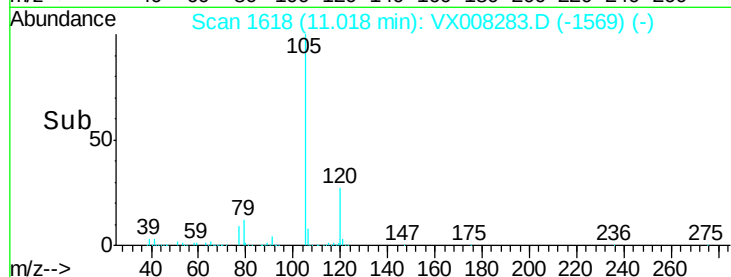
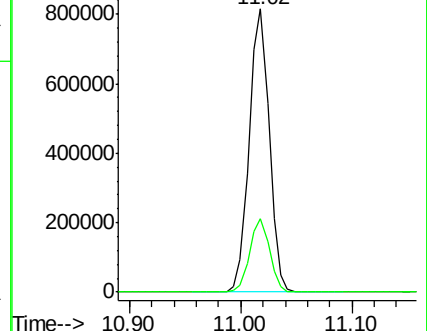
105 100

120 25.8 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: 48.651 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Tgt Ion: 43 Resp: 506104

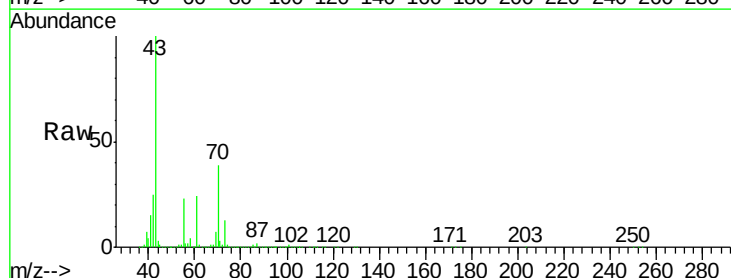
Ion Ratio Lower Upper

43 100

70 39.0 33.5 50.3

55 22.9 19.2 28.8

61 23.1 19.0 28.6

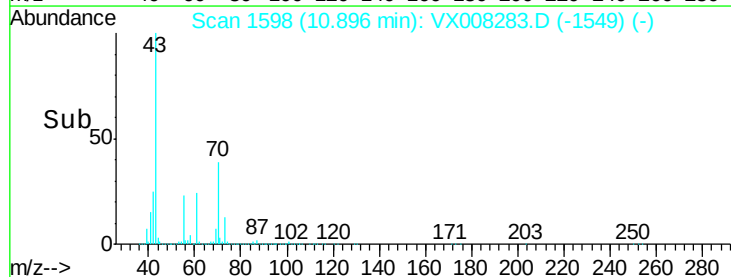
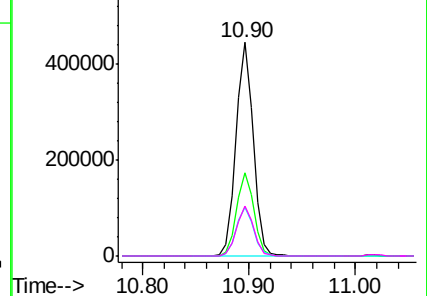


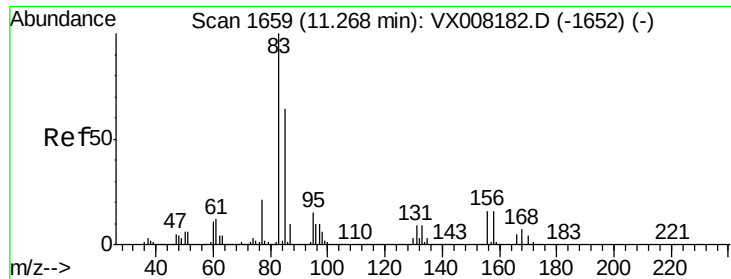
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.932 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

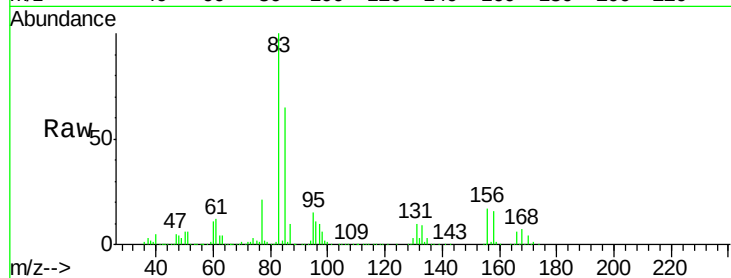
Tot Ion: 83 Resp: 334144

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

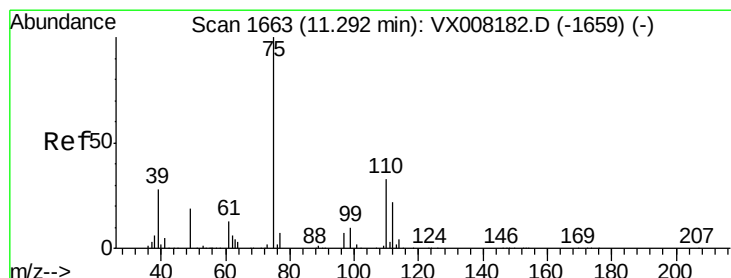
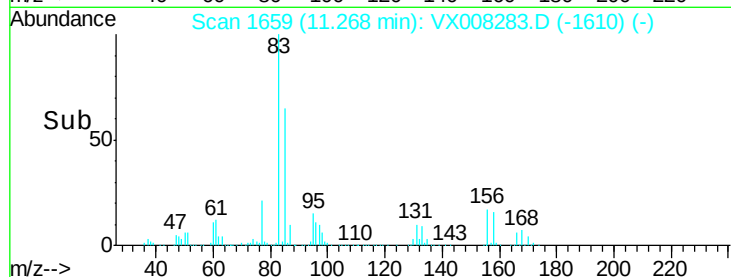
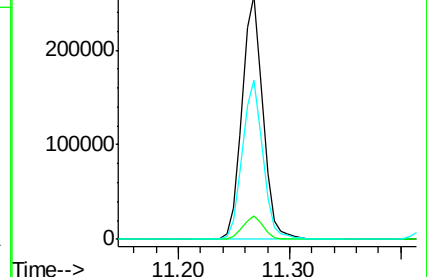
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.243 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008283.D

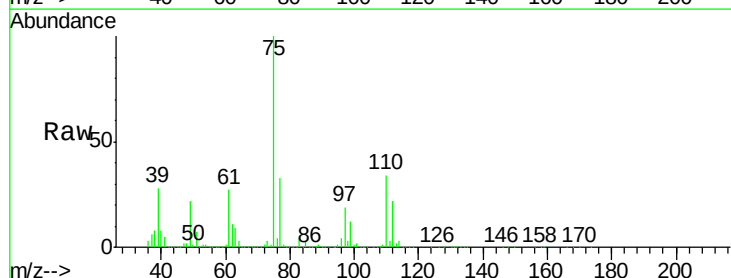
Acq: 21 Mar 2019 11:38

Tgt Ion: 75 Resp: 408762

Ion Ratio Lower Upper

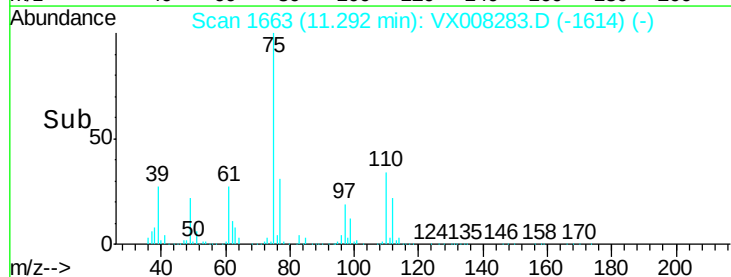
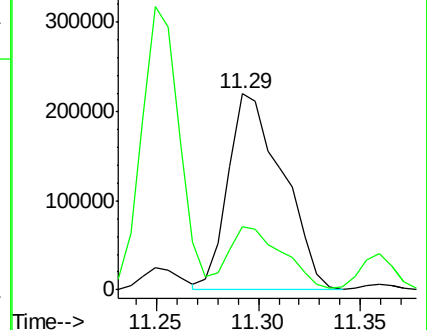
75 100

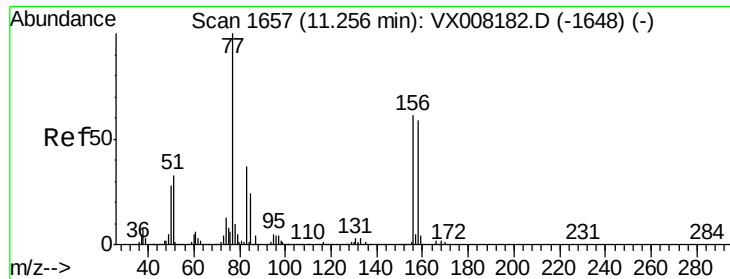
77 32.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.630 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

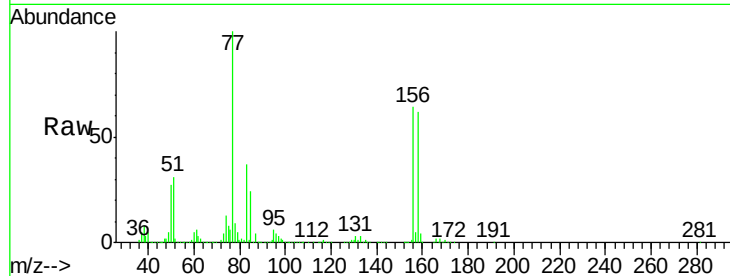
Tot Ion:156 Resp: 238257

Ion Ratio Lower Upper

156 100

77 170.3 72.0 215.9

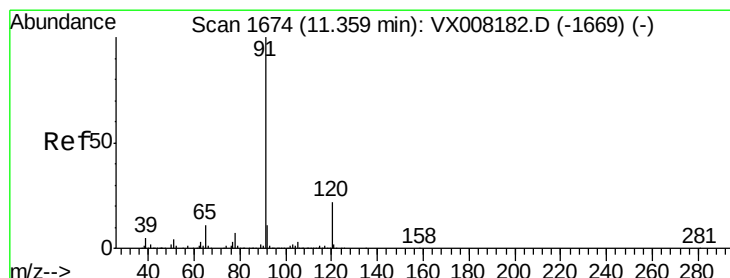
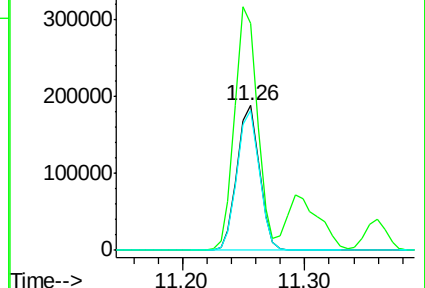
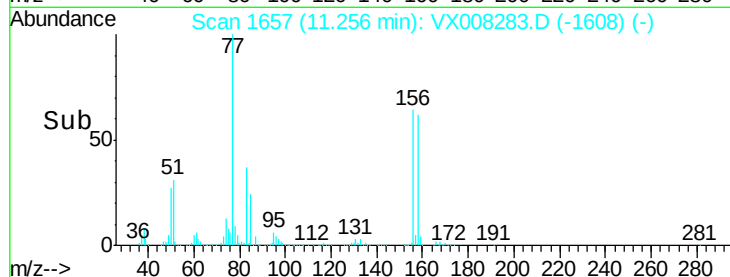
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.743 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008283.D

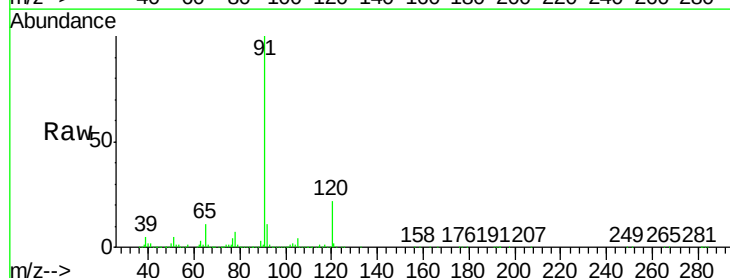
Acq: 21 Mar 2019 11:38

Tgt Ion: 91 Resp: 1193255

Ion Ratio Lower Upper

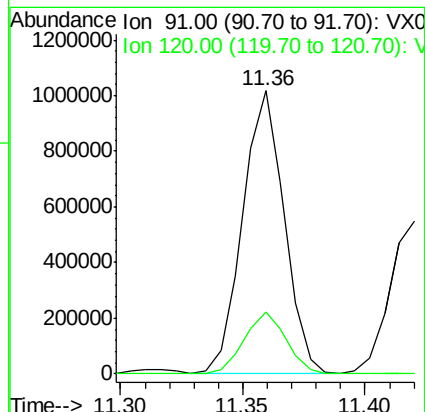
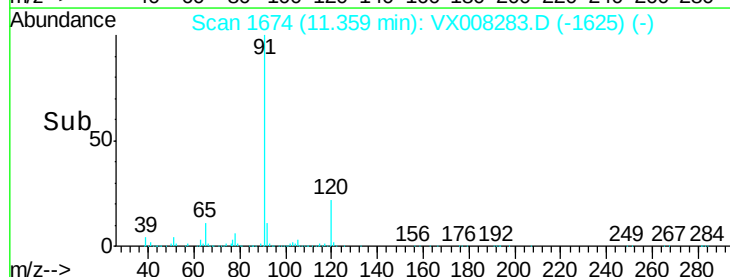
91 100

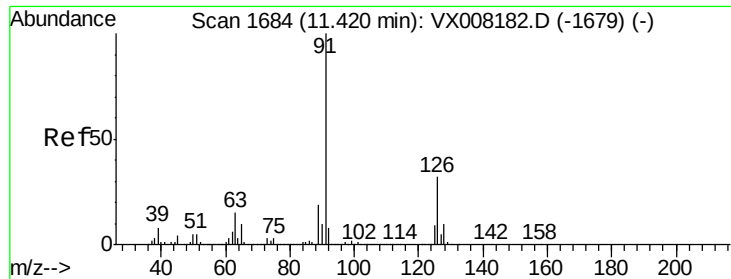
120 22.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.429 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

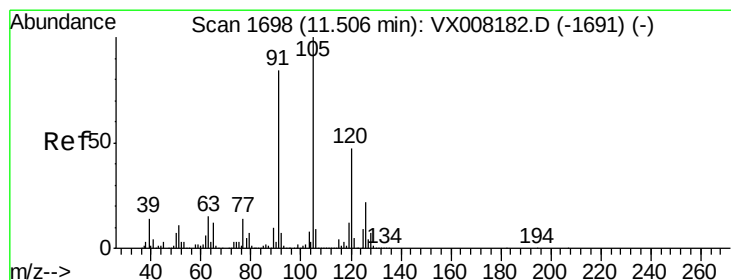
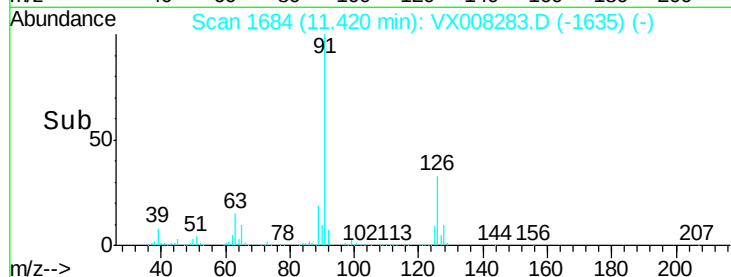
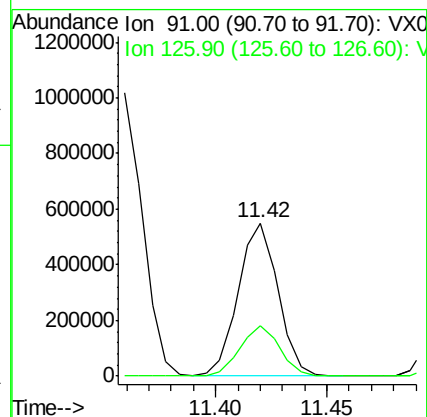
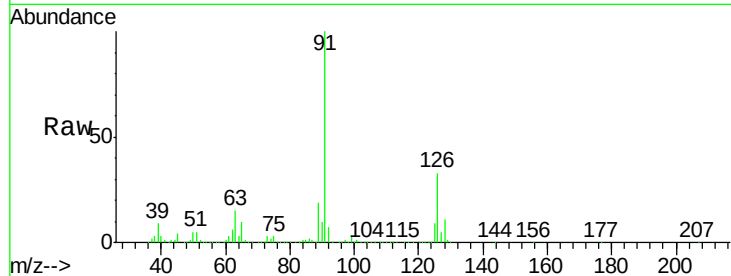
VSTDCCC050

Tot Ion: 91 Resp: 684167

Ion Ratio Lower Upper

91 100

126 32.9 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 50.659 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008283.D

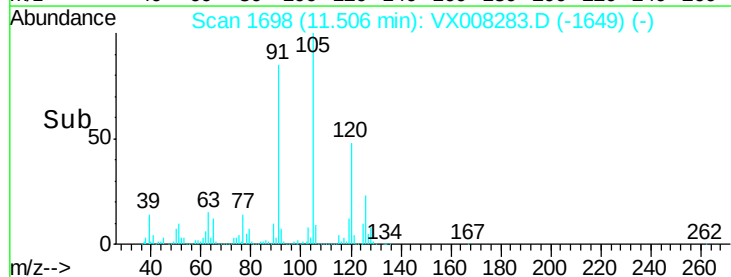
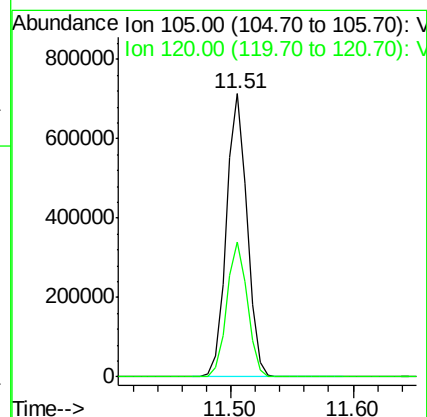
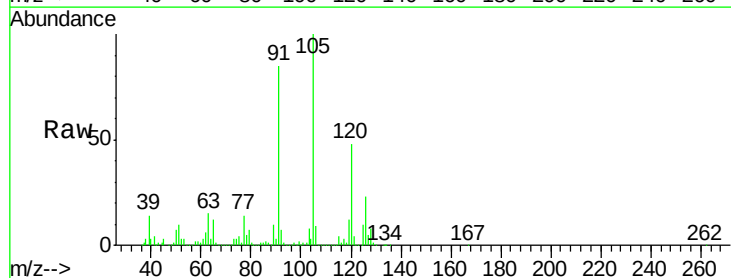
Acq: 21 Mar 2019 11:38

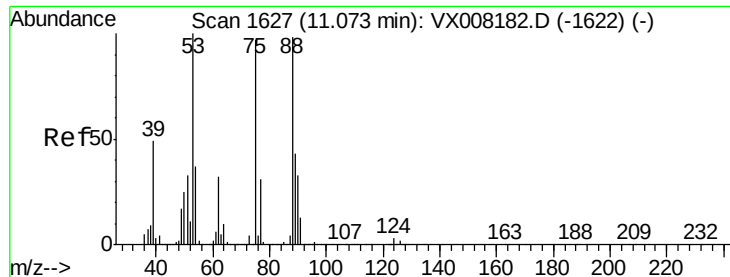
Tgt Ion: 105 Resp: 830985

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.868 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

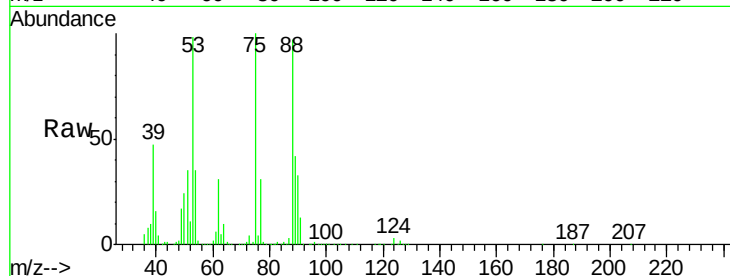
Tot Ion: 75 Resp: 114956

Ion Ratio Lower Upper

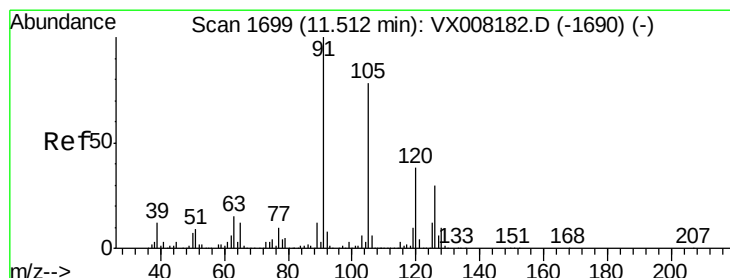
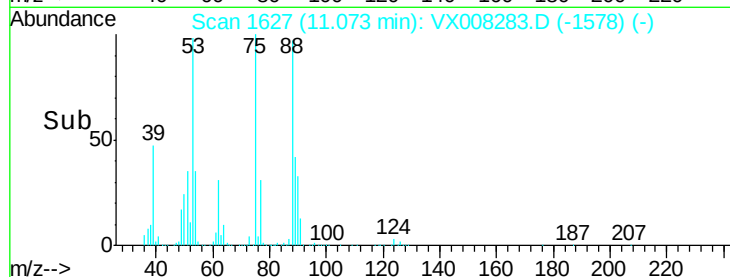
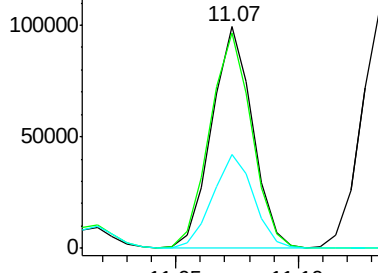
75 100

53 99.7 76.1 114.1

89 42.9 36.3 54.5



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



#82

4-Chlorotoluene

Concen: 49.860 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008283.D

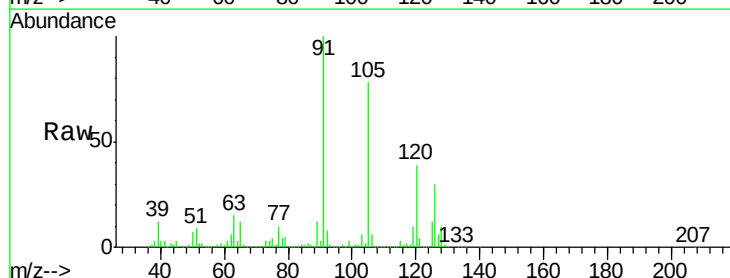
Acq: 21 Mar 2019 11:38

Tgt Ion: 91 Resp: 803082

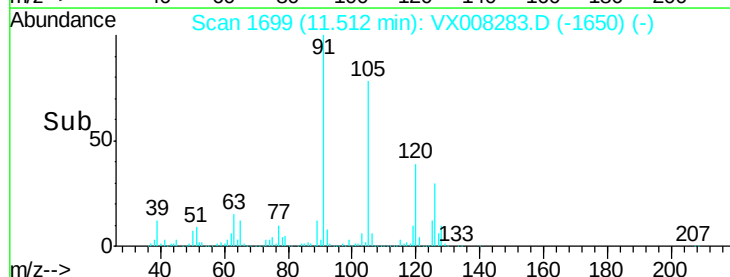
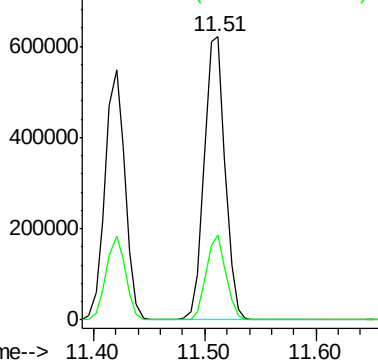
Ion Ratio Lower Upper

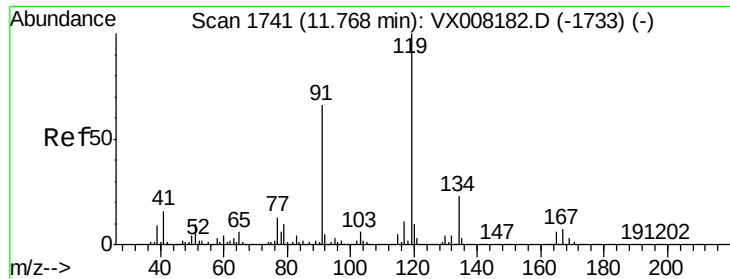
91 100

126 28.5 15.6 46.8



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

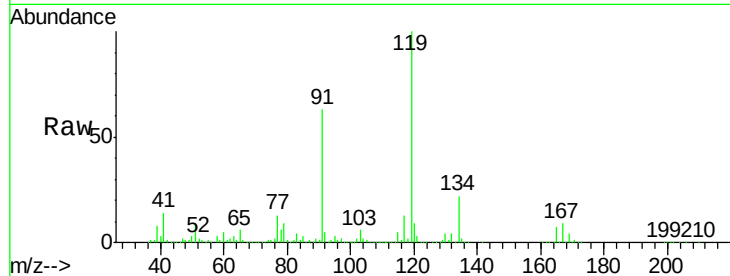




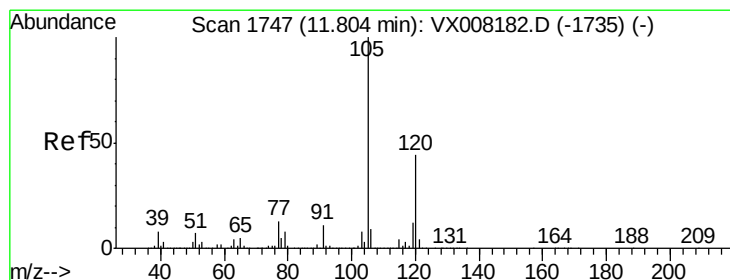
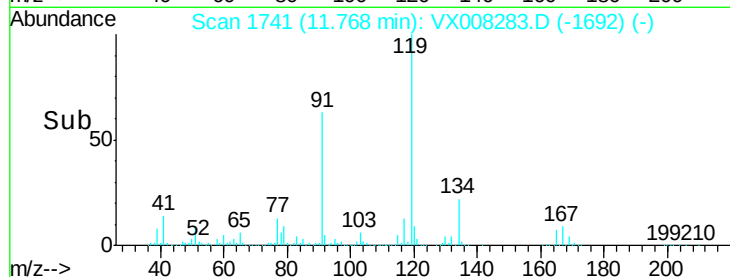
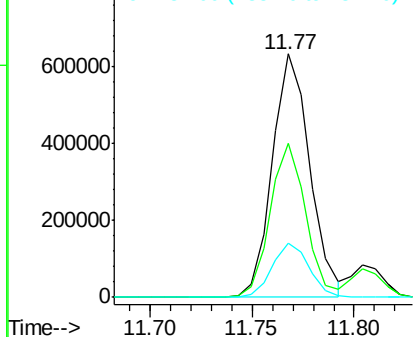
#83
 tert-Butylbenzene
 Concen: 51.822 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 811592
 Ion Ratio Lower Upper
 119 100
 91 60.1 27.1 81.3
 134 22.1 11.4 34.1

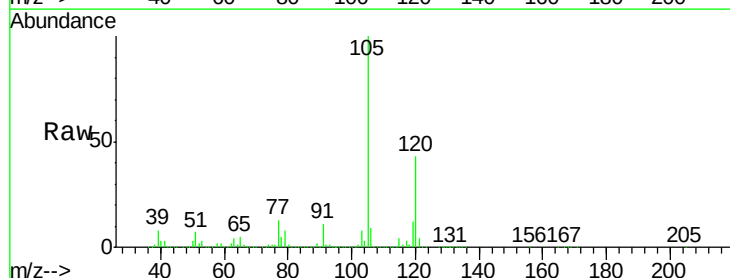


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

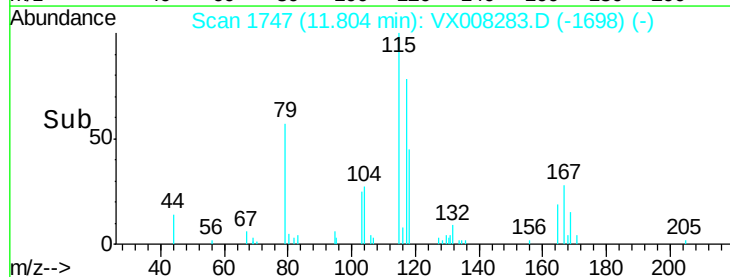
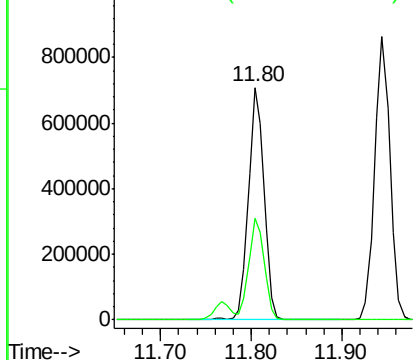


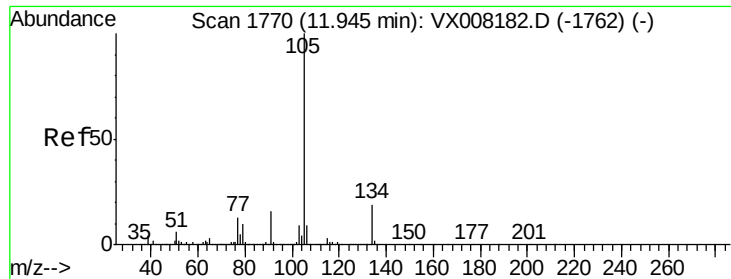
#84
 1,2,4-Trimethylbenzene
 Concen: 50.988 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Tgt Ion:105 Resp: 847921
 Ion Ratio Lower Upper
 105 100
 120 43.3 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: 52.225 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

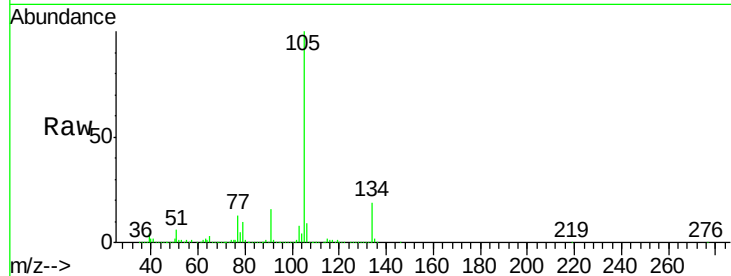
VSTDCCC050

Tot Ion:105 Resp: 1012862

Ion Ratio Lower Upper

105 100

134 19.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

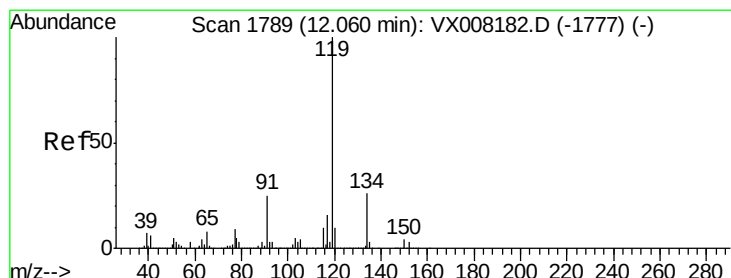
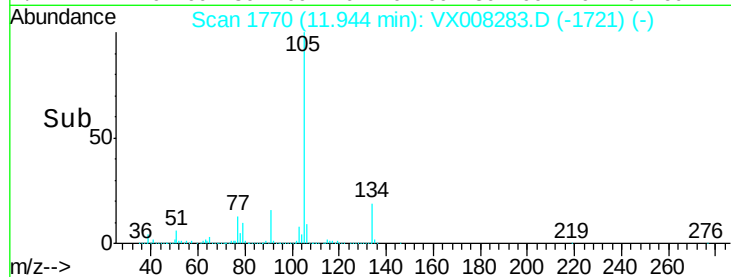
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 52.316 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

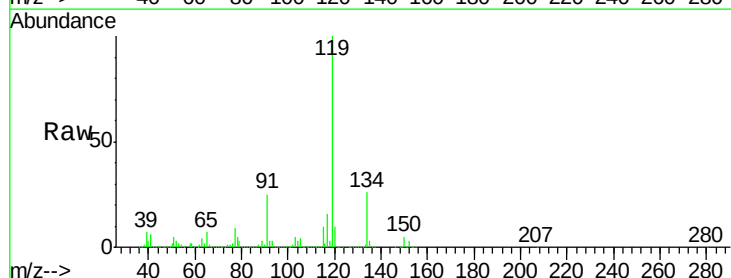
Tgt Ion:119 Resp: 878263

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 24.6 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): VX0

12.06

800000

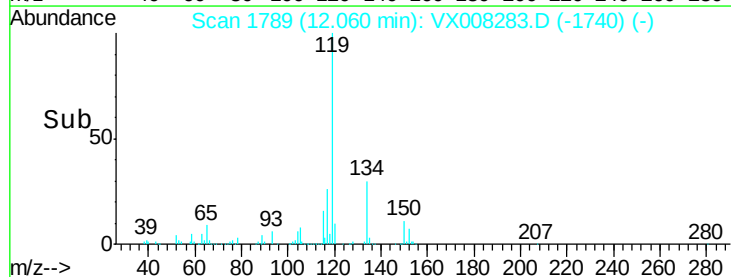
600000

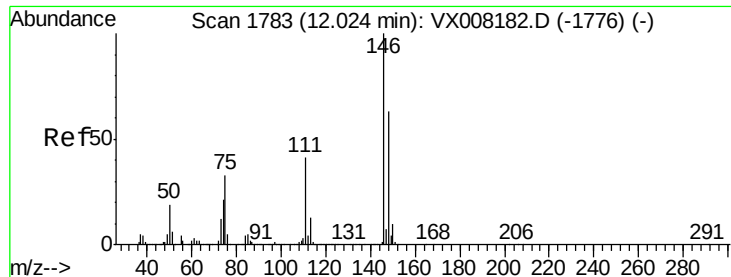
400000

200000

0

Time--> 12.00 12.10

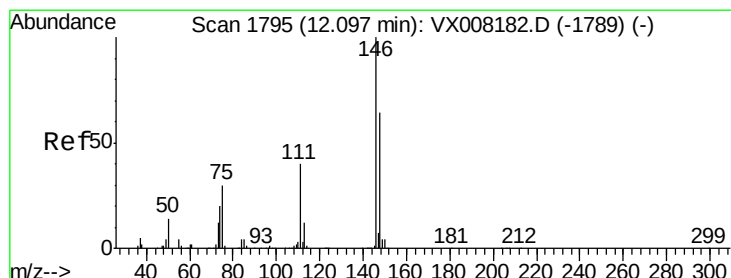
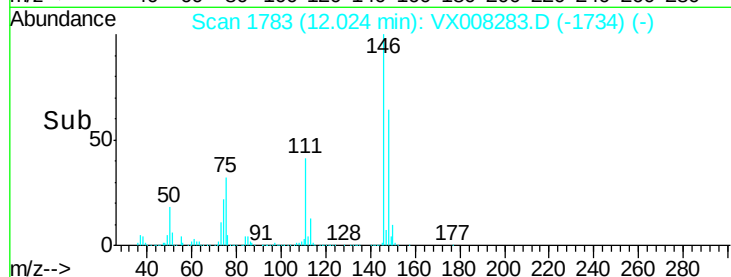
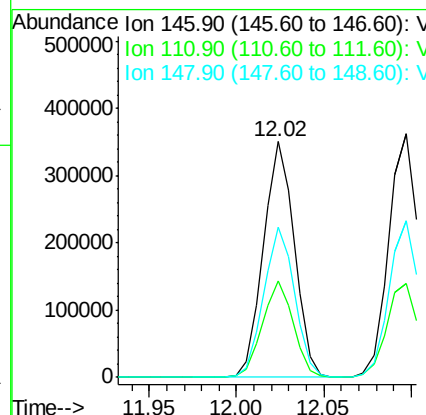
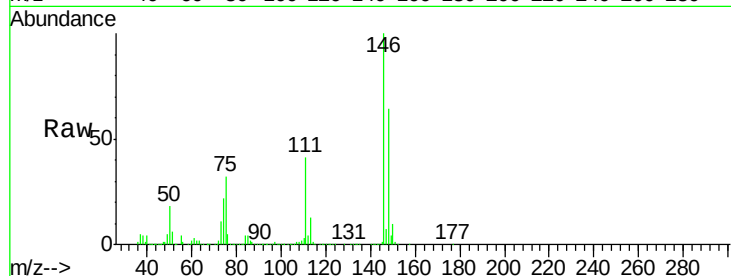




#87
 1,3-Dichlorobenzene
 Concen: 50.360 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

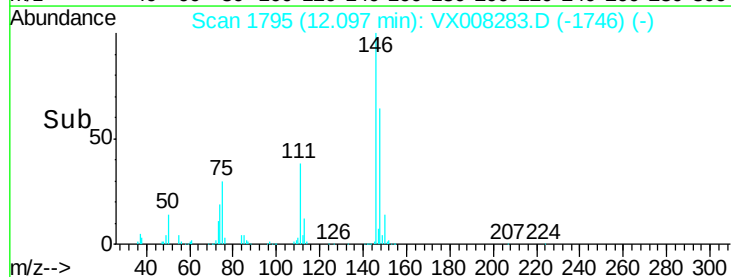
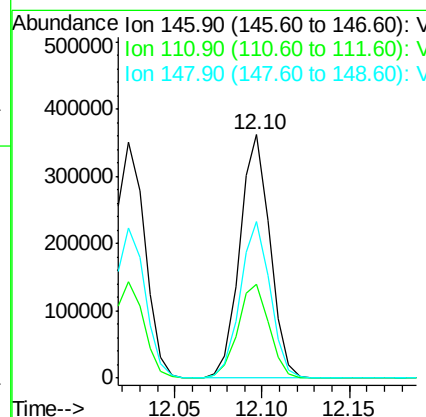
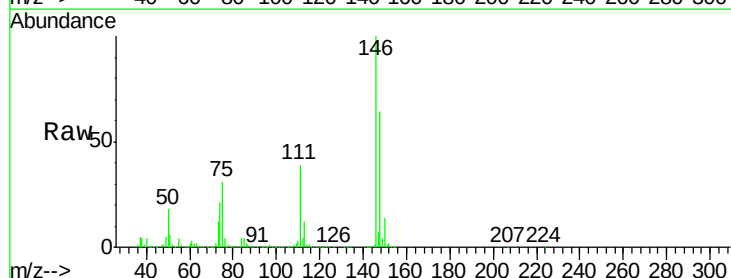
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

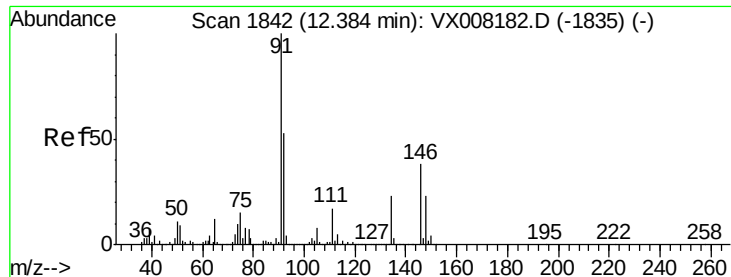
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.9	56.7
148	63.7	31.7	95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.827 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.4	55.0
148	64.1	32.2	96.6

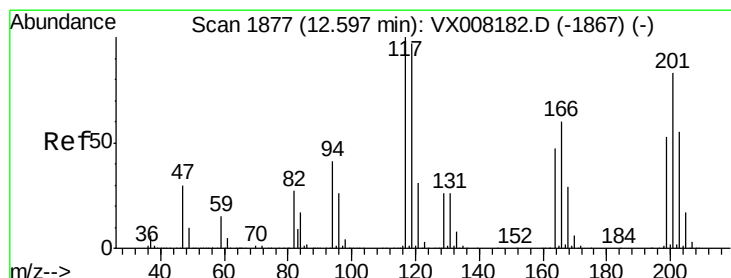
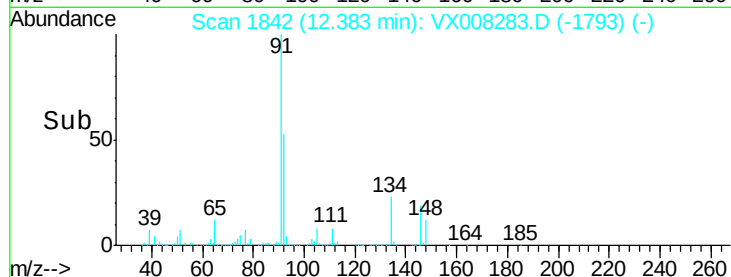
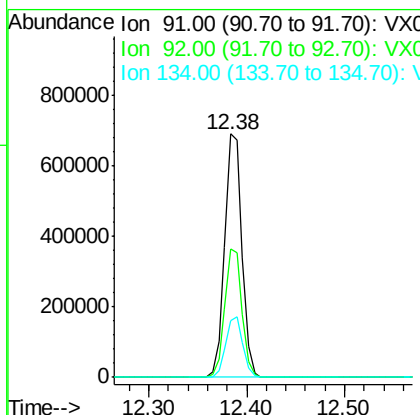
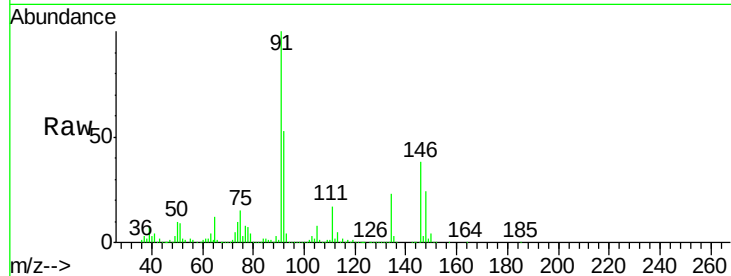




#89
n-Butylbenzene
Concen: 53.272 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

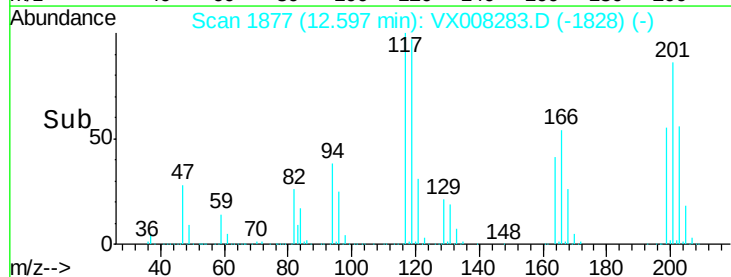
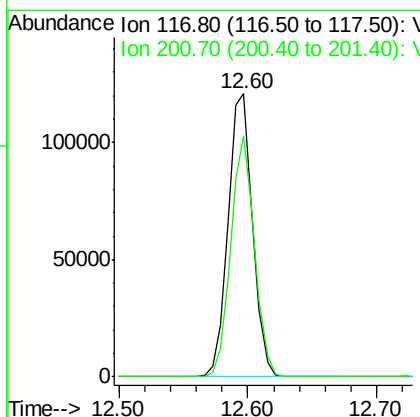
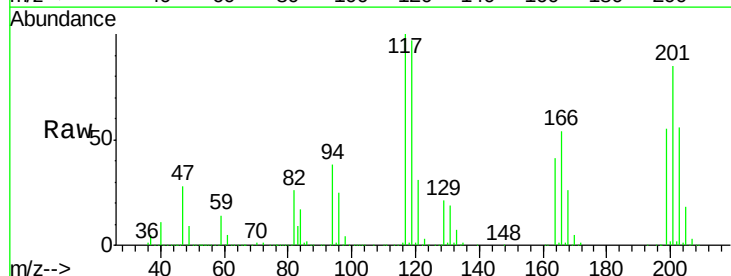
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

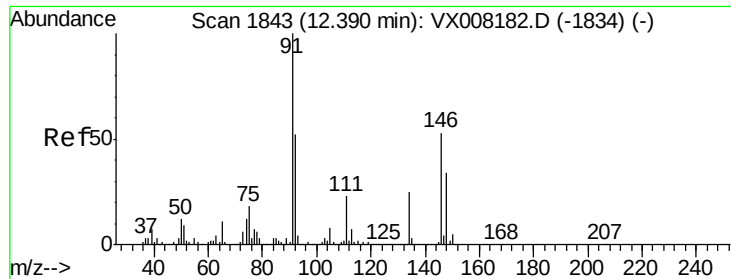
Tot Ion: 91 Resp: 839383
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 24.6 13.7 41.0



#90
Hexachloroethane
Concen: 56.352 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008283.D
Acq: 21 Mar 2019 11:38

Tgt Ion: 117 Resp: 161118
Ion Ratio Lower Upper
117 100
201 81.9 48.9 146.7

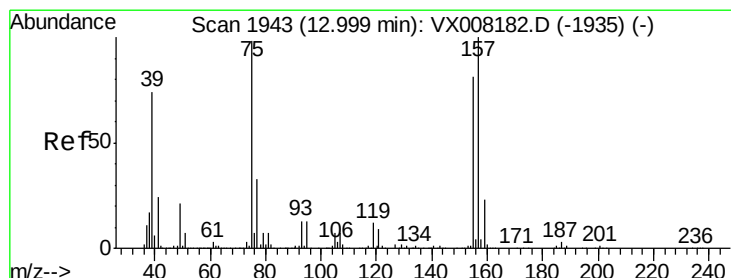
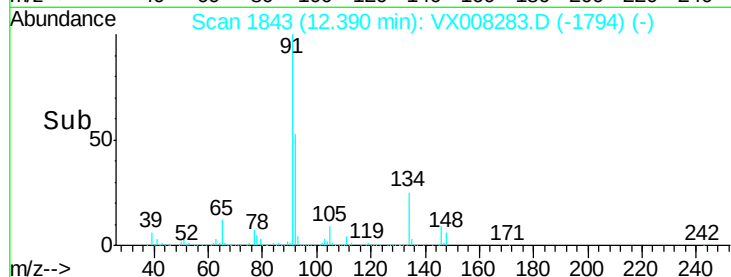
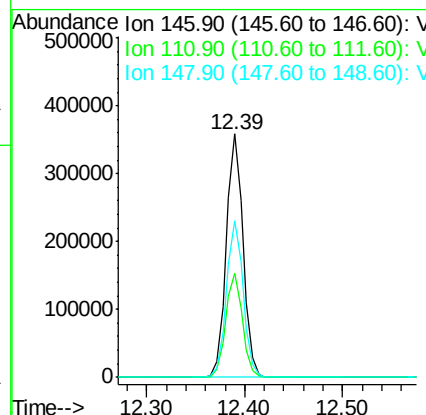
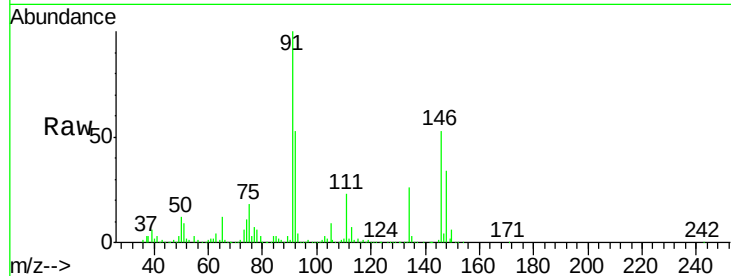




#91
 1,2-Dichlorobenzene
 Concen: 49.021 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

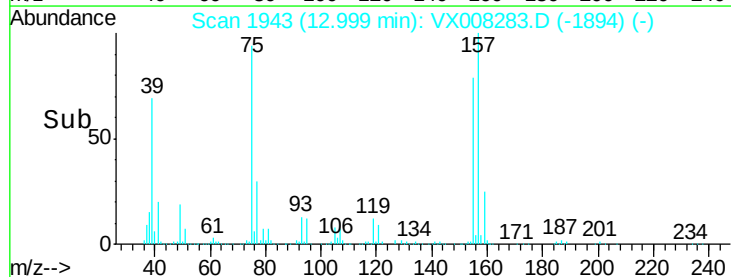
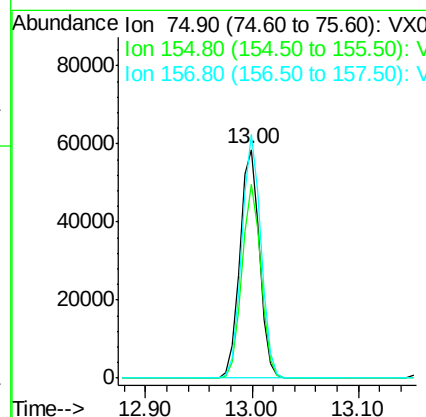
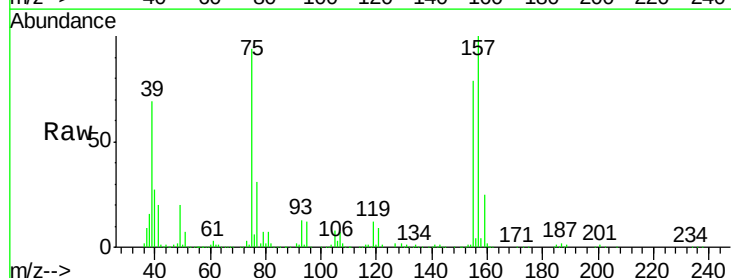
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

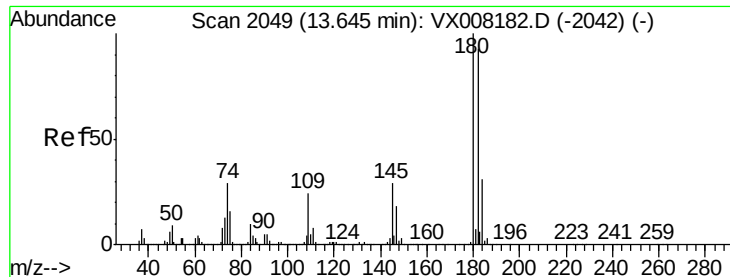
Tot Ion:146 Resp: 424061
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.6 58.8
 148 64.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.047 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Tgt Ion: 75 Resp: 75979
 Ion Ratio Lower Upper
 75 100
 155 81.9 49.7 149.1
 157 103.8 63.8 191.4

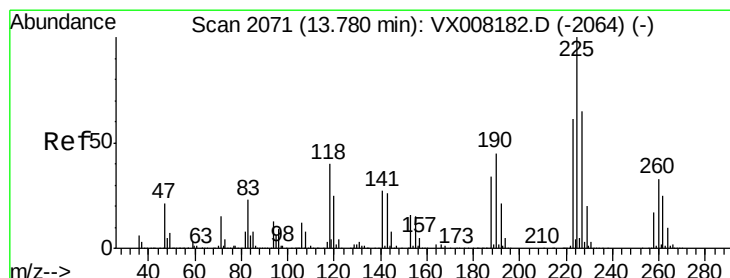
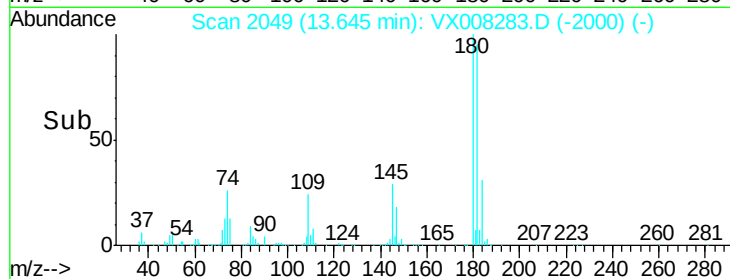
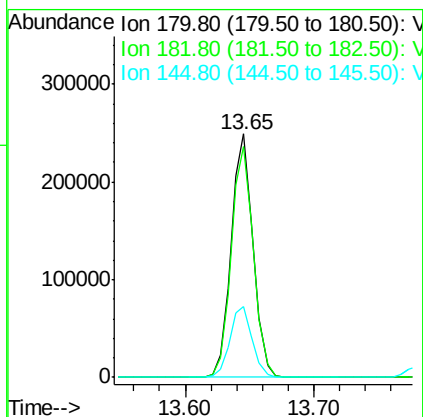
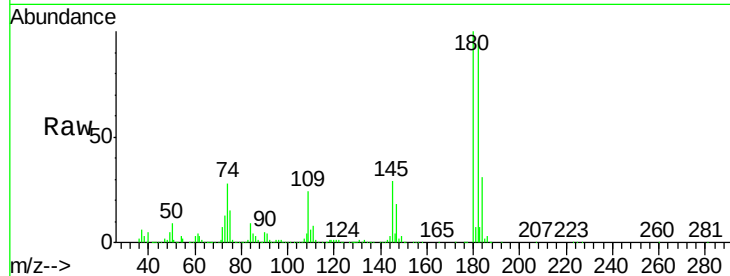




#93
 1,2,4-Trichlorobenzene
 Concen: 52.025 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

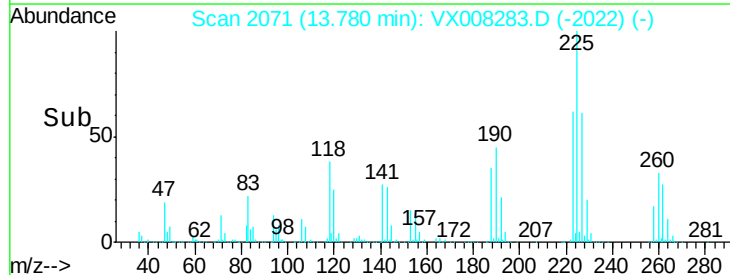
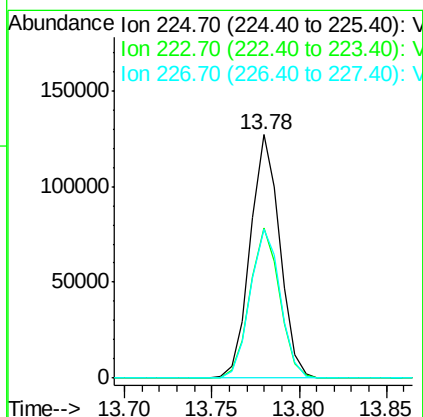
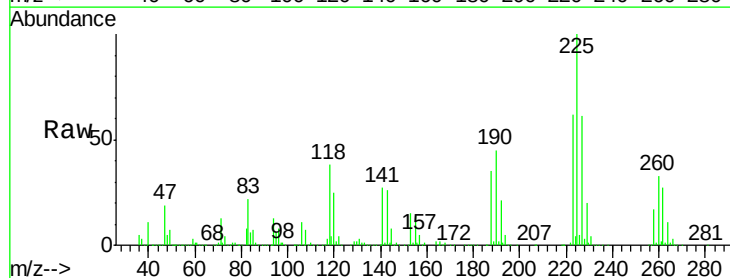
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

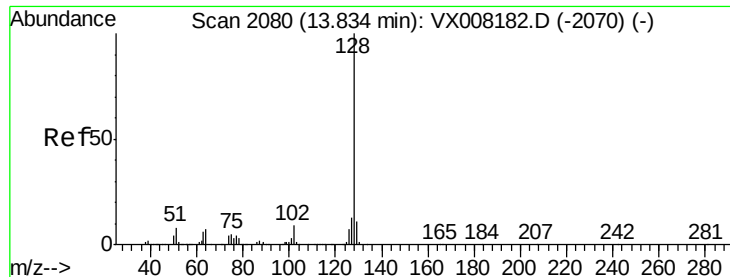
Tot Ion:180 Resp: 296437
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.7
 145 29.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 53.837 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008283.D
 Acq: 21 Mar 2019 11:38

Tgt Ion:225 Resp: 149611
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 62.6 32.0 96.0





#95

Naphthalene

Concen: 51.682 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

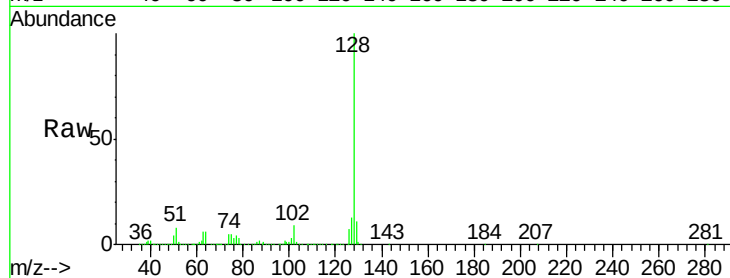
Tot Ion:128 Resp: 929445

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

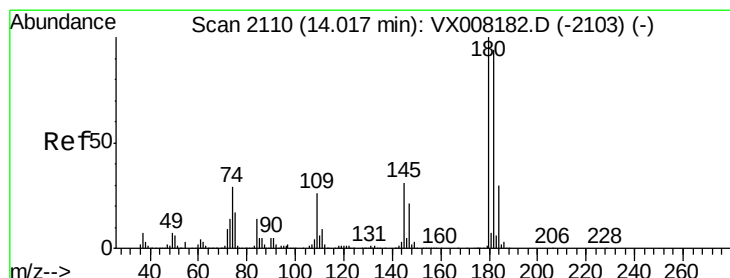
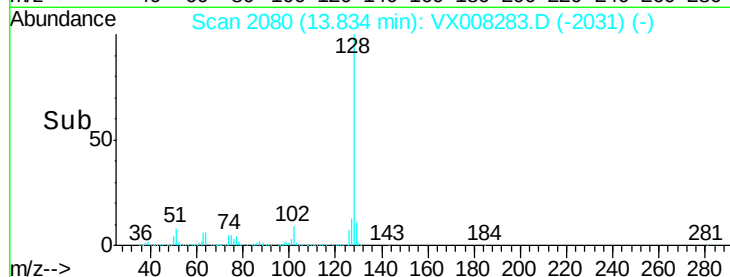
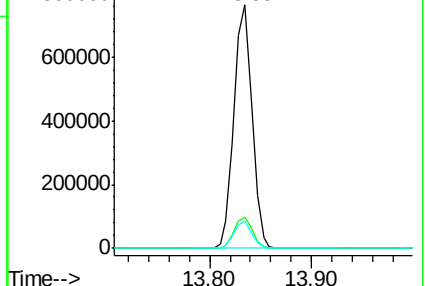
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.807 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008283.D

Acq: 21 Mar 2019 11:38

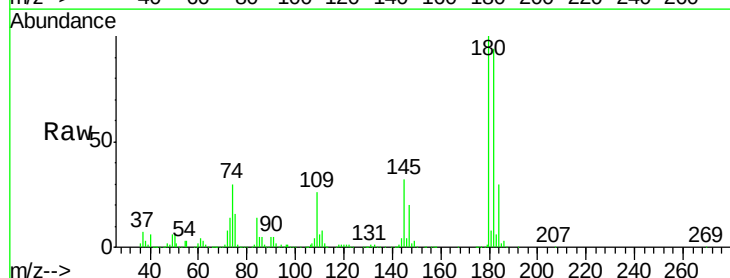
Tgt Ion:180 Resp: 290468

Ion Ratio Lower Upper

180 100

182 95.5 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

