

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011671.D
 Acq On : 20 Aug 2019 09:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 31 00:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	348904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	443483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147107	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.49	113	139666	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
50) Toluene-d8	8.71	98	436060	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	11.13	95	192587	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	184811	53.888	ug/l	97
3) Chloromethane	1.32	50	145587	40.872	ug/l	99
4) Vinyl Chloride	1.40	62	145702	45.281	ug/l	100
5) Bromomethane	1.63	94	73641	51.077	ug/l	98
6) Chloroethane	1.71	64	78123	51.299	ug/l	97
7) Trichlorofluoromethane	1.92	101	230589	51.738	ug/l	99
8) Diethyl Ether	2.18	74	76053	49.746	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155510	50.517	ug/l	100
10) Methyl Iodide	2.50	142	201826	46.023	ug/l	99
11) Tert butyl alcohol	3.04	59	180023	226.789	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142193	47.797	ug/l	100
13) Acrolein	2.28	56	55785	229.449	ug/l	99
14) Allyl chloride	2.71	41	239880	48.472	ug/l	98
15) Acrylonitrile	3.13	53	429074	236.176	ug/l	100
16) Acetone	2.43	43	443392	272.533	ug/l	99
17) Carbon Disulfide	2.56	76	330209	47.105	ug/l	99
18) Methyl Acetate	2.76	43	243867	48.332	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	486977	50.261	ug/l	100
20) Methylene Chloride	2.85	84	157208	46.022	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	154033	48.859	ug/l	99
22) Diisopropyl ether	3.84	45	483253	49.034	ug/l	96
23) Vinyl Acetate	3.81	43	1941450	248.766	ug/l	99
24) 1,1-Dichloroethane	3.68	63	269272	48.324	ug/l	100
25) 2-Butanone	4.66	43	609413	238.598	ug/l	98
26) 2,2-Dichloropropane	4.57	77	232694	55.484	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	178133	48.470	ug/l	99
28) Bromochloromethane	5.00	49	105188	43.002	ug/l	100
29) Tetrahydrofuran	5.12	42	361119	215.536	ug/l	98
30) Chloroform	5.20	83	278494	47.358	ug/l	98
31) Cyclohexane	5.57	56	228114	47.548	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	256586	50.744	ug/l	99
36) 1,1-Dichloropropene	5.79	75	198573	48.648	ug/l	99
37) Ethyl Acetate	4.82	43	202930	43.224	ug/l	100
38) Carbon Tetrachloride	5.77	117	228039	50.709	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	256571	50.900	ug/l	99
40) Benzene	6.13	78	578377	45.597	ug/l	99
41) Methacrylonitrile	5.03	41	119117	46.100	ug/l	98
42) 1,2-Dichloroethane	6.18	62	223118	50.769	ug/l	98
43) Isopropyl Acetate	6.43	43	326814	44.605	ug/l	99
44) Trichloroethene	7.21	130	183062	48.649	ug/l	99
45) 1,2-Dichloropropane	7.51	63	156936	49.610	ug/l	98
46) Dibromomethane	7.65	93	104367	45.400	ug/l	93
47) Bromodichloromethane	7.89	83	201004	47.621	ug/l	100
48) Methyl methacrylate	7.76	41	164210	45.257	ug/l	96
49) 1,4-Dioxane	7.73	88	81664	846.207	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1104539	230.317	ug/l	99
52) Toluene	8.78	92	389577	48.208	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	231776	52.909	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	242092	50.499	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	168571	49.053	ug/l	99
56) Ethyl methacrylate	9.17	69	251471	50.347	ug/l	98
57) 1,3-Dichloropropane	9.37	76	261910	47.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	576182	231.518	ug/l	99
59) 2-Hexanone	9.49	43	912550	246.752	ug/l	100
60) Dibromochloromethane	9.58	129	189890	53.035	ug/l	99
61) 1,2-Dibromoethane	9.66	107	181055	49.366	ug/l	99
64) Tetrachloroethene	9.33	164	181400	49.853	ug/l	98
65) Chlorobenzene	10.13	112	447441	47.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	177504	50.206	ug/l	98
67) Ethyl Benzene	10.25	91	769504	48.745	ug/l	100
68) m/p-Xylenes	10.35	106	603624	99.614	ug/l	97
69) o-Xylene	10.69	106	292313	49.247	ug/l	98
70) Styrene	10.71	104	503007	50.340	ug/l	99
71) Bromoform	10.85	173	150801	44.295	ug/l #	100
73) Isopropylbenzene	11.02	105	797128	49.756	ug/l	100
74) N-amyl acetate	10.90	43	315107	46.283	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	254191	46.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	286431	61.180	ug/l	85
77) Bromobenzene	11.25	156	225367	47.282	ug/l	97
78) n-propylbenzene	11.36	91	884890	51.223	ug/l	100
79) 2-Chlorotoluene	11.42	91	524651	49.459	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	687494	51.084	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78851	46.017	ug/l	95
82) 4-Chlorotoluene	11.51	91	620951	50.456	ug/l	99
83) tert-Butylbenzene	11.77	119	683026	49.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	690634	51.117	ug/l	99
85) sec-Butylbenzene	11.94	105	787314	50.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	765446	52.613	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	404016	49.313	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	403876	48.638	ug/l	99
89) n-Butylbenzene	12.38	91	641339	53.620	ug/l	99
90) Hexachloroethane	12.59	117	116975	50.916	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	395837	48.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58890	46.706	ug/l	96

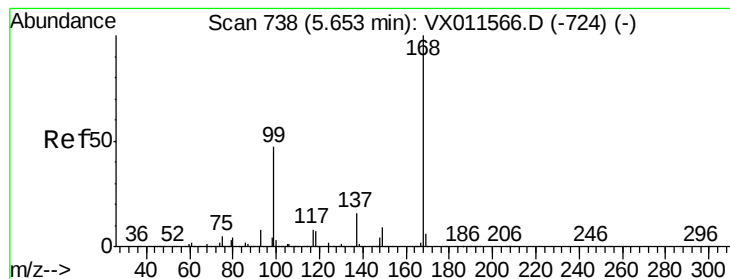
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
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QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	290247	47.365	ug/l	99
94) Hexachlorobutadiene	13.78	225	162542	48.713	ug/l	98
95) Naphthalene	13.83	128	851348	49.143	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310102	50.172	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

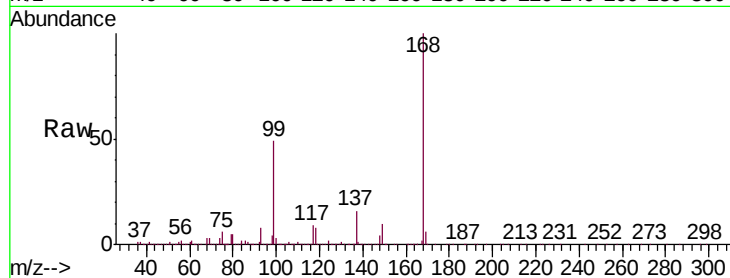
VSTDCCC050

Tgt Ion:168 Resp: 348904

Ion Ratio Lower Upper

168 100

99 48.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

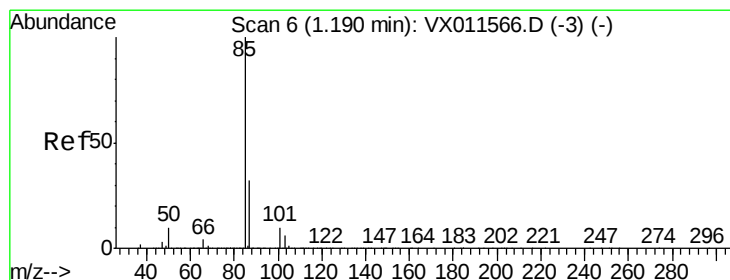
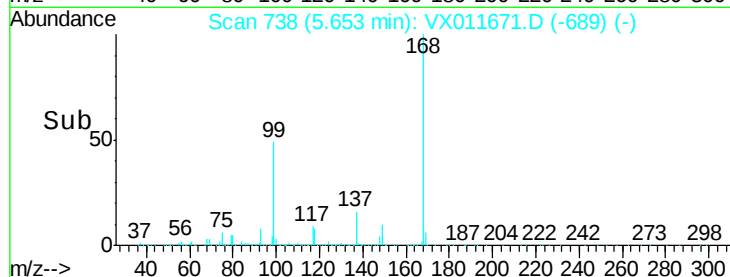
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.888 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011671.D

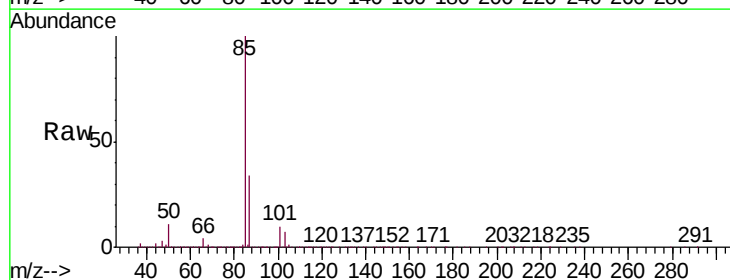
Acq: 20 Aug 2019 09:35

Tgt Ion: 85 Resp: 184811

Ion Ratio Lower Upper

85 100

87 33.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

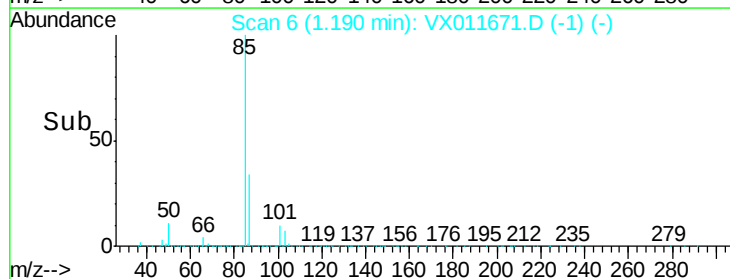
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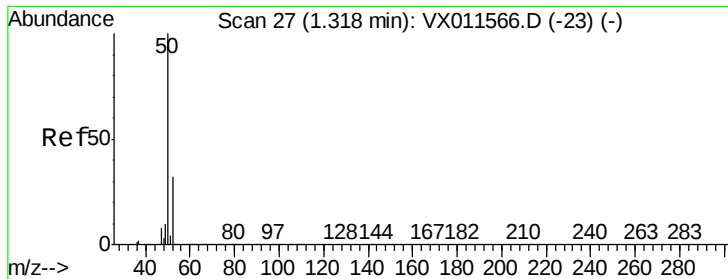
100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.872 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

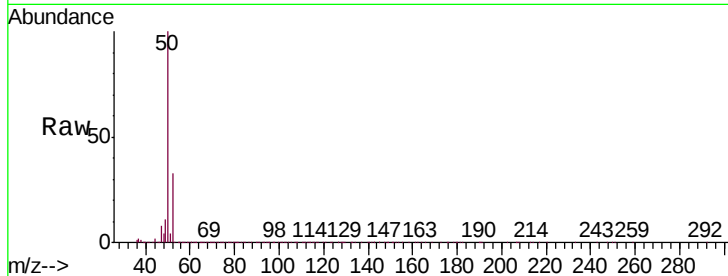
VSTDCCC050

Tgt Ion: 50 Resp: 145587

Ion Ratio Lower Upper

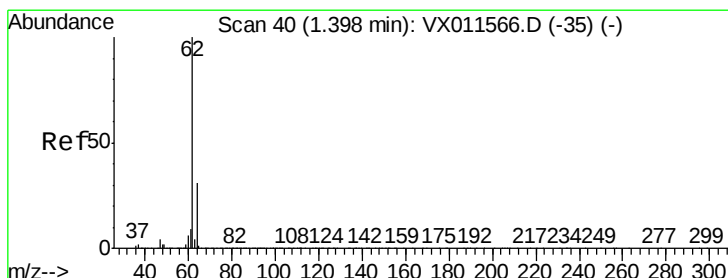
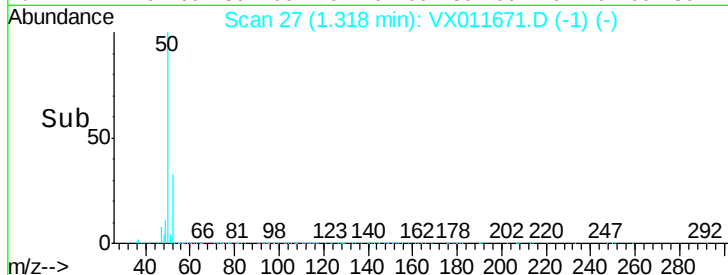
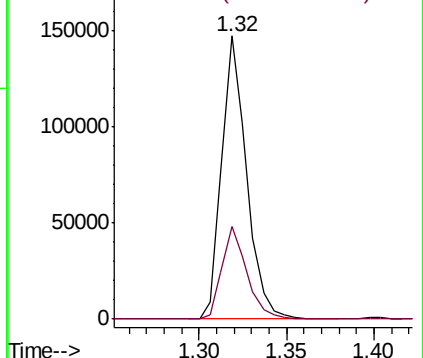
50 100

52 32.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.281 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011671.D

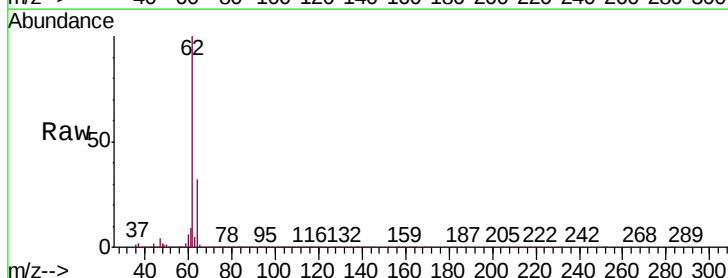
Acq: 20 Aug 2019 09:35

Tgt Ion: 62 Resp: 145702

Ion Ratio Lower Upper

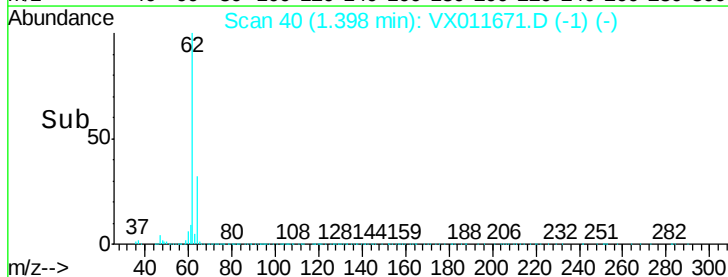
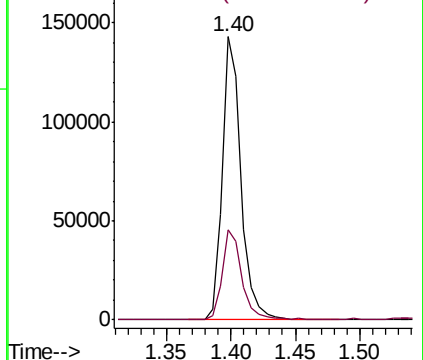
62 100

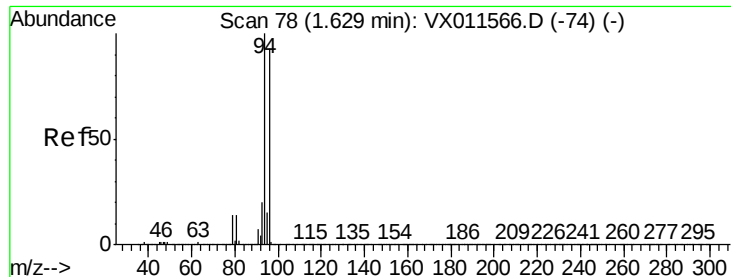
64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.077 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

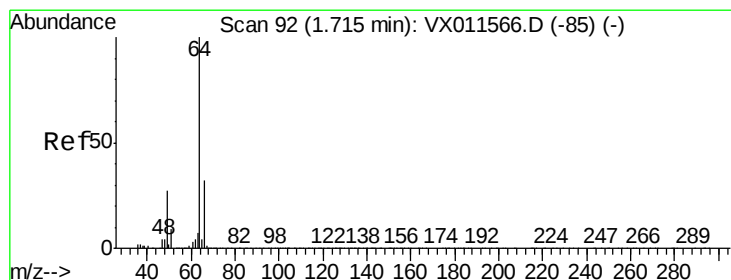
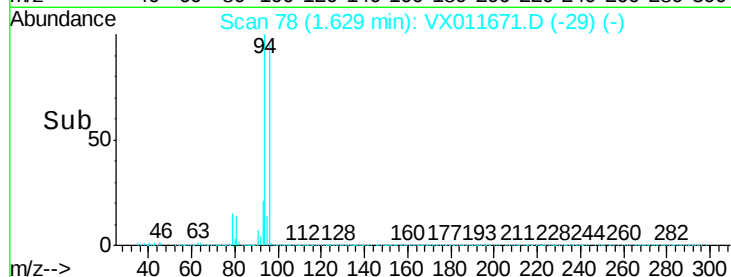
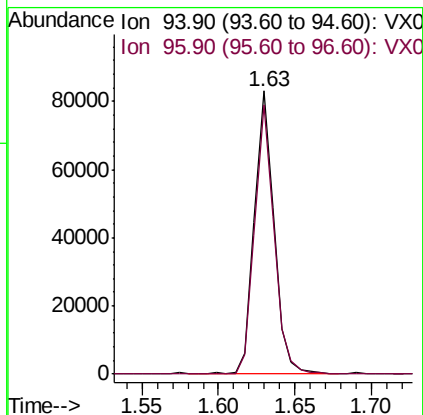
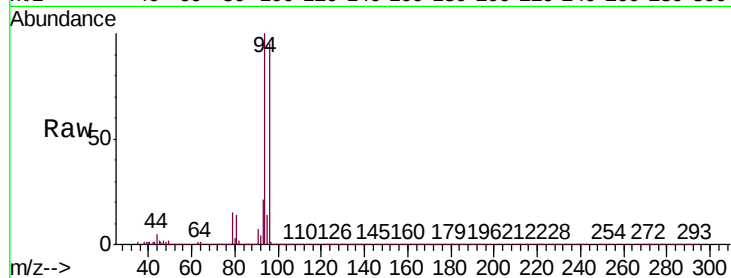
VSTDCCC050

Tgt Ion: 94 Resp: 73641

Ion Ratio Lower Upper

94 100

96 95.3 74.8 112.2



#6

Chloroethane

Concen: 51.299 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011671.D

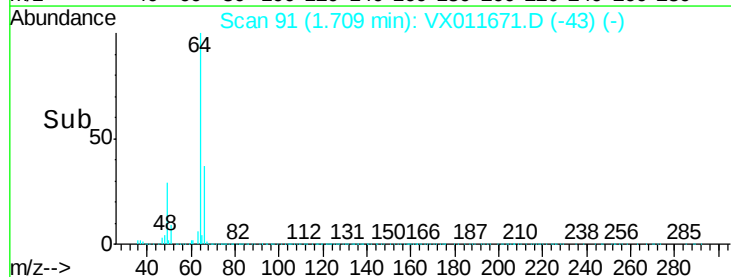
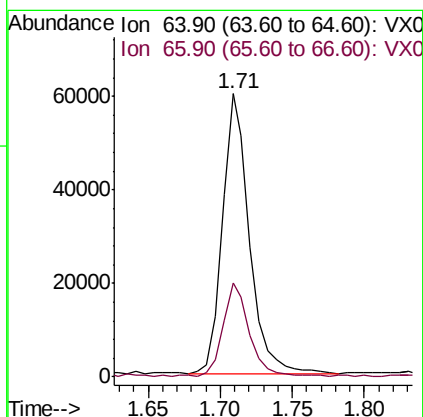
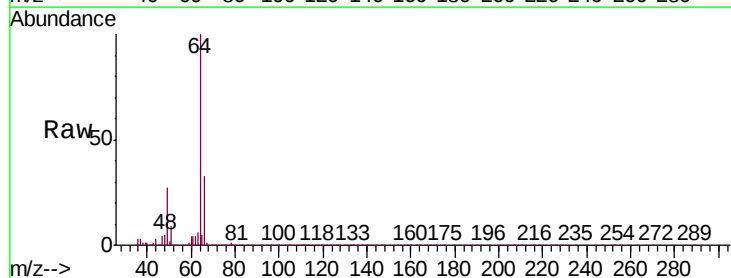
Acq: 20 Aug 2019 09:35

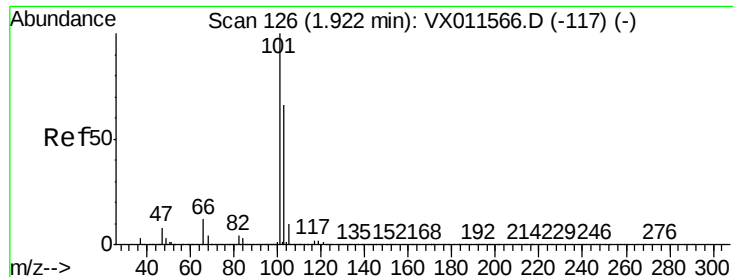
Tgt Ion: 64 Resp: 78123

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9



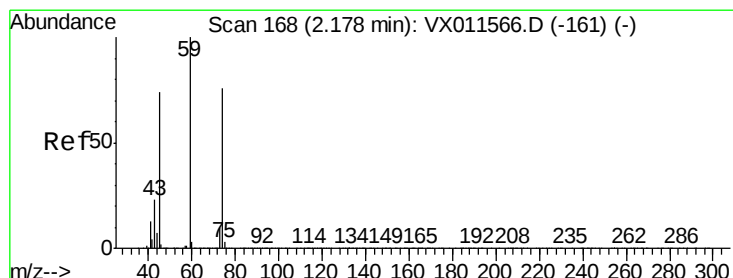
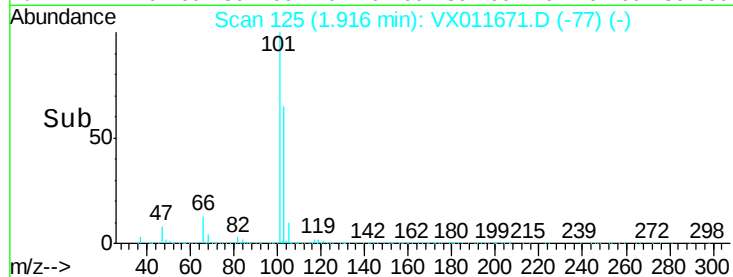
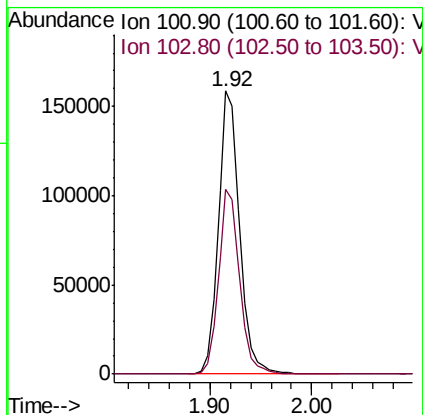
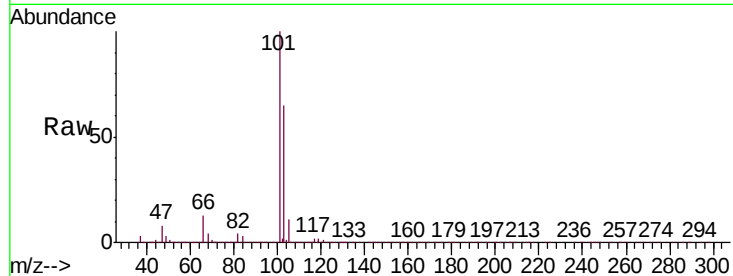


#7

Trichlorofluoromethane
 Concen: 51.738 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

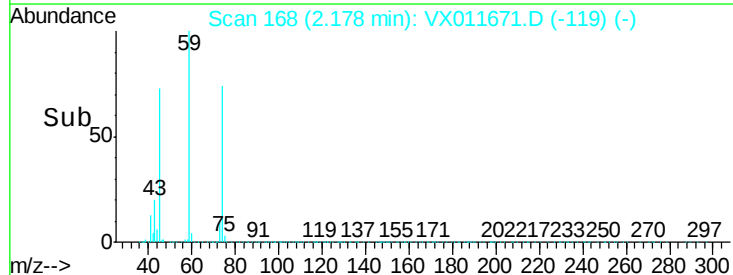
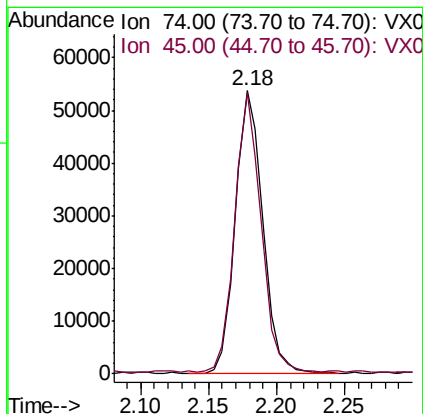
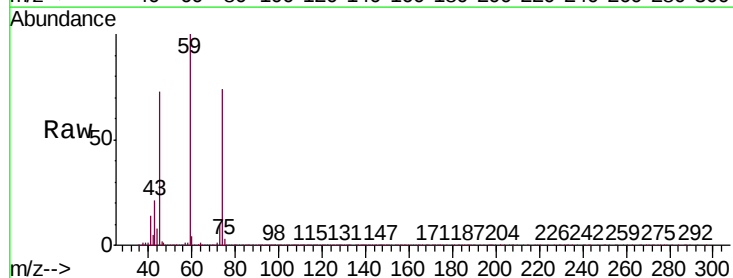
Tgt Ion: 101 Resp: 230589
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.9 79.3

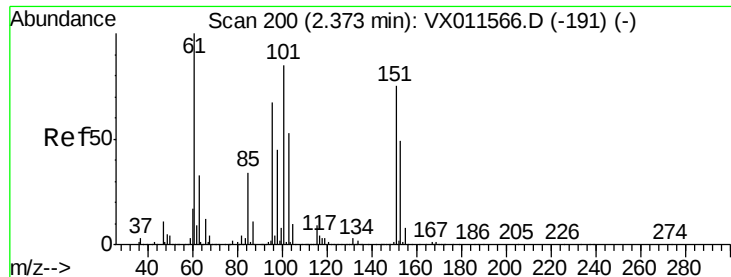


#8

Diethyl Ether
 Concen: 49.746 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion: 74 Resp: 76053
 Ion Ratio Lower Upper
 74 100
 45 93.0 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.517 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

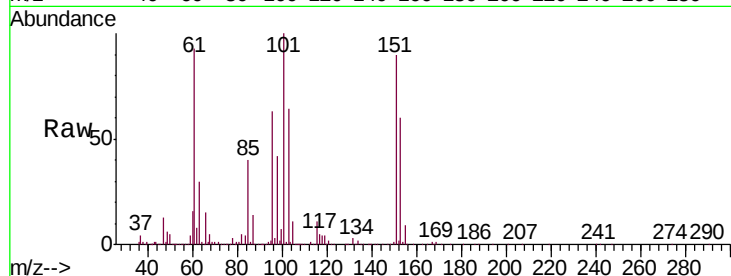
Tgt Ion:101 Resp: 155510

Ion Ratio Lower Upper

101 100

85 41.2 33.0 49.4

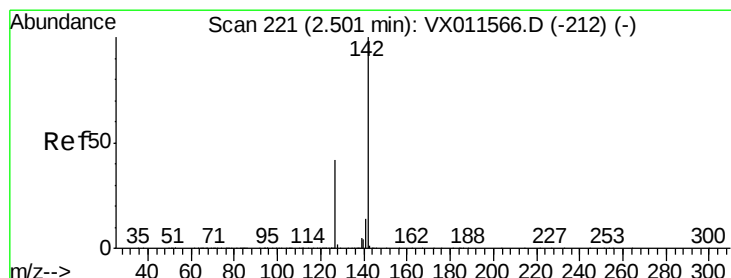
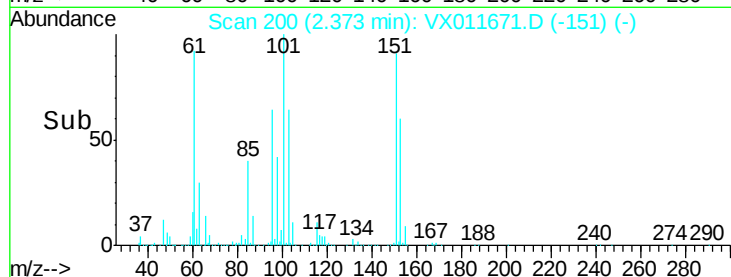
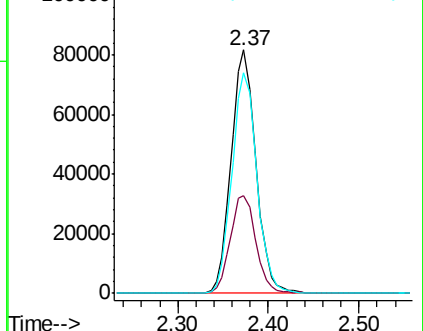
151 91.3 73.3 109.9



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: 46.023 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

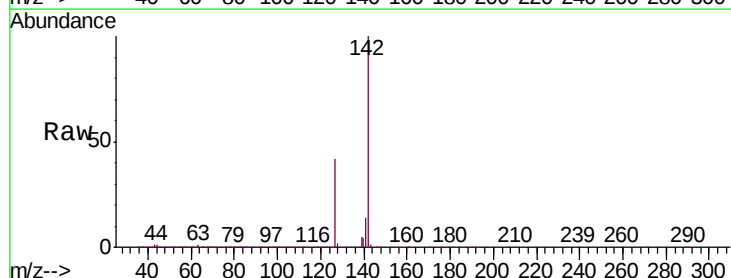
Tgt Ion:142 Resp: 201826

Ion Ratio Lower Upper

142 100

127 42.0 32.8 49.2

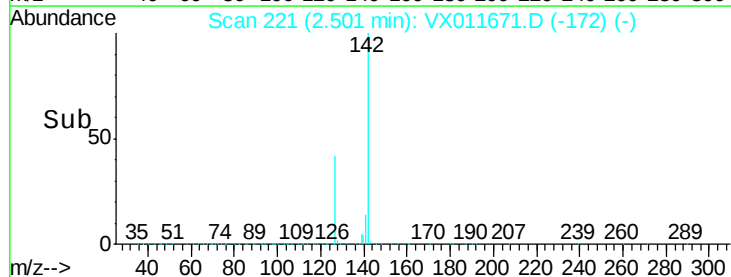
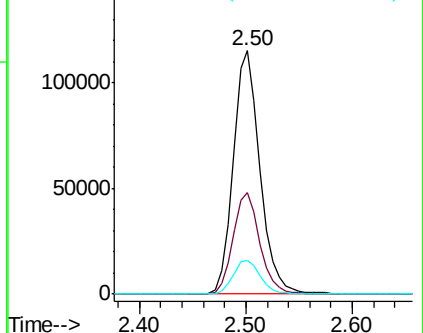
141 14.6 11.4 17.2

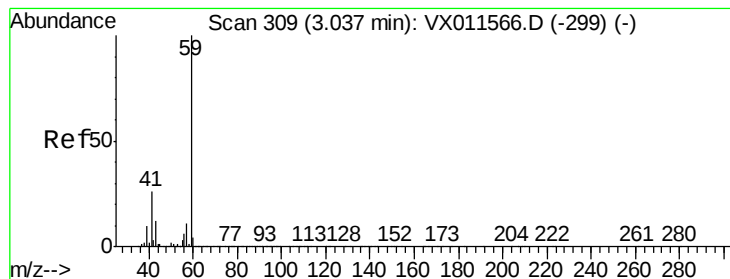


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



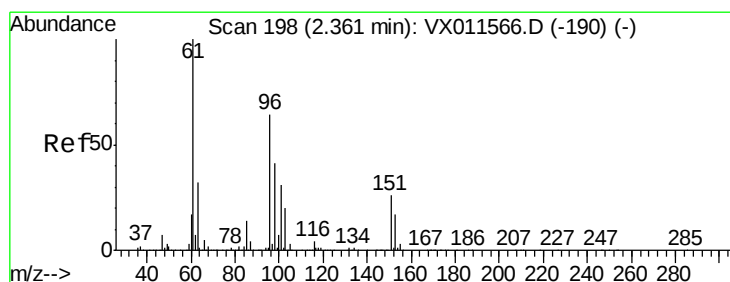
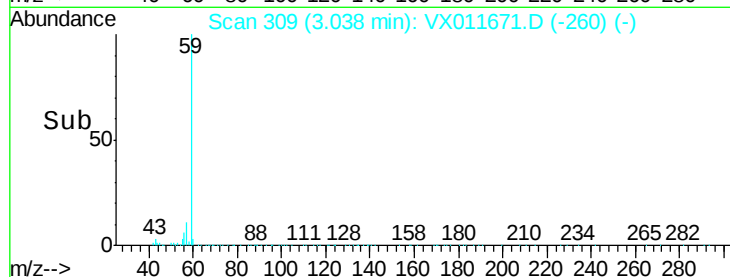
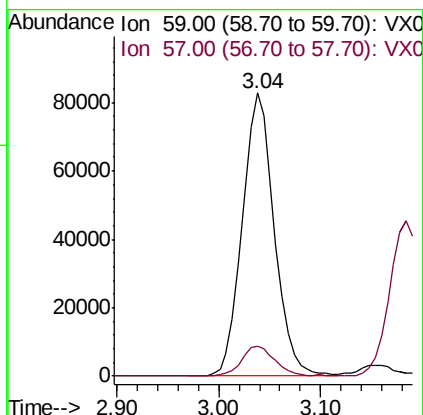
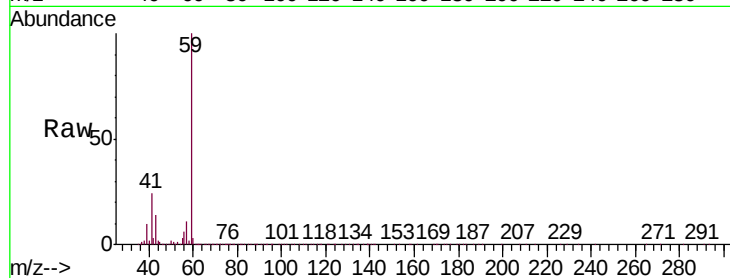


#11

Tert butyl alcohol
 Concen: 226.789 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

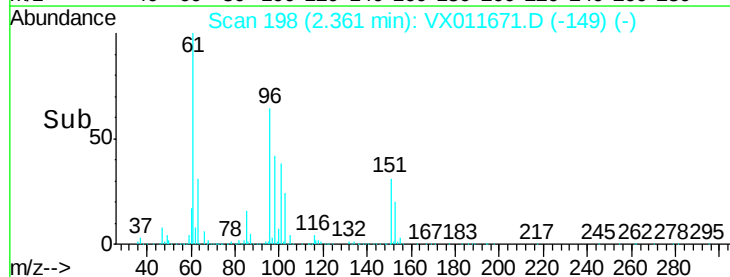
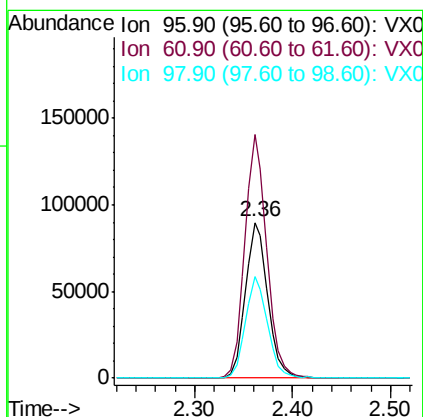
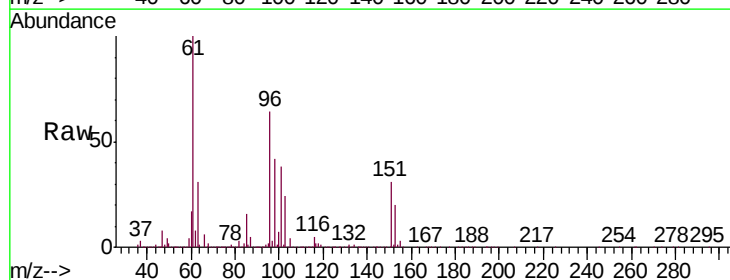
Tgt Ion: 59 Resp: 180023
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.7 13.1

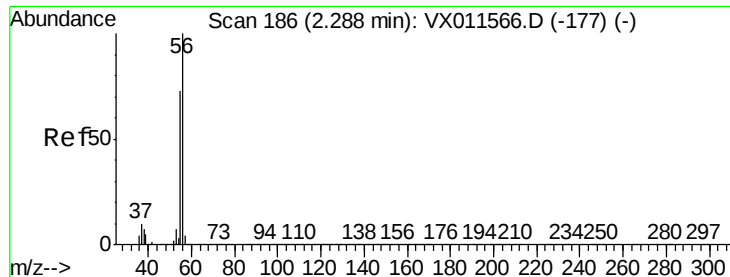


#12

1,1-Dichloroethene
 Concen: 47.797 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion: 96 Resp: 142193
 Ion Ratio Lower Upper
 96 100
 61 156.2 125.0 187.4
 98 65.3 51.5 77.3





#13

Acrolein

Concen: 229.449 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

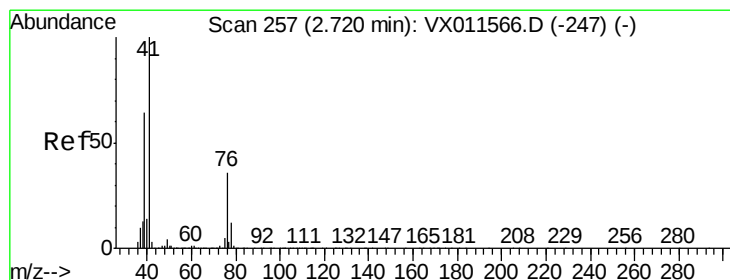
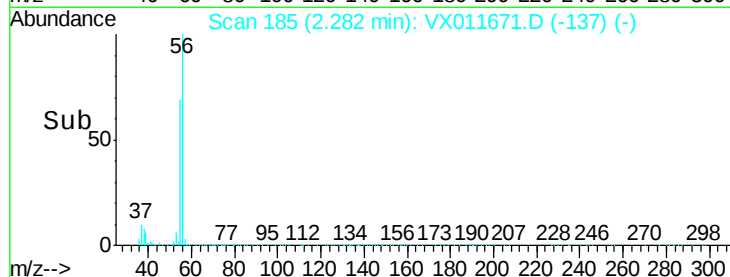
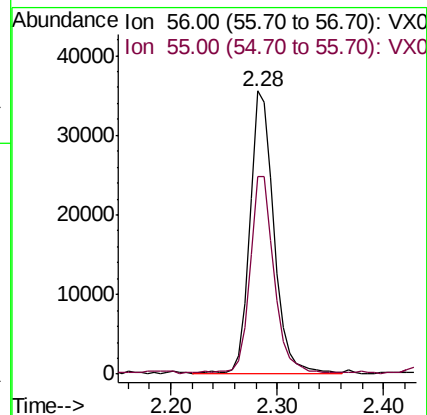
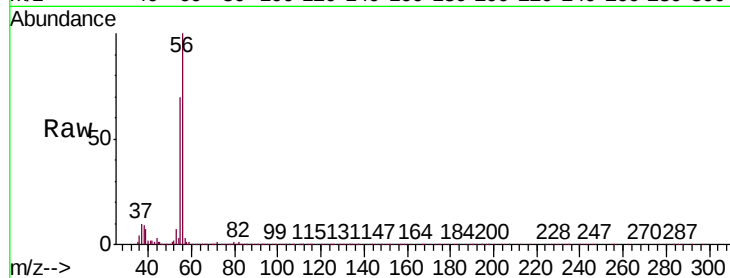
VSTDCCC050

Tgt Ion: 56 Resp: 55785

Ion Ratio Lower Upper

56 100

55 70.5 55.5 83.3



#14

Allyl chloride

Concen: 48.472 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

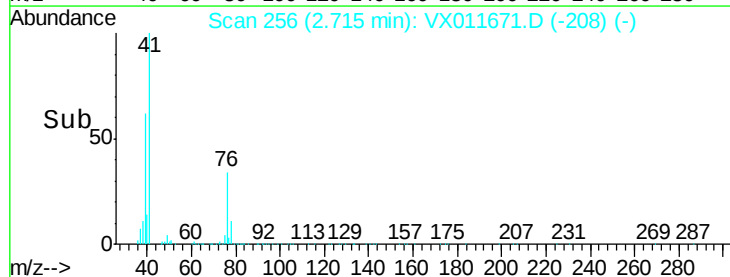
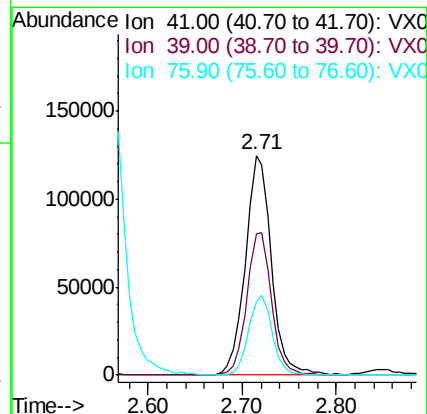
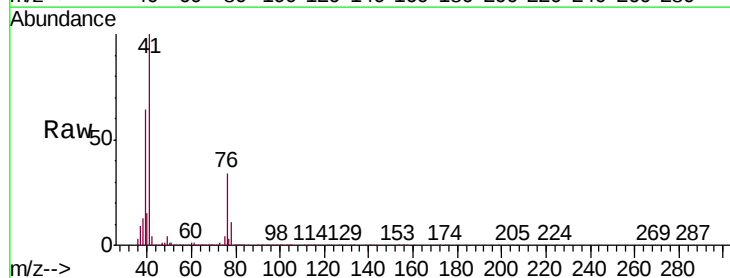
Tgt Ion: 41 Resp: 239880

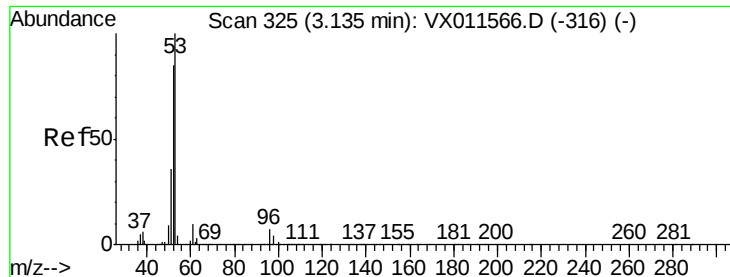
Ion Ratio Lower Upper

41 100

39 61.5 47.5 71.3

76 32.9 26.3 39.5





#15

Acrylonitrile

Concen: 236.176 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

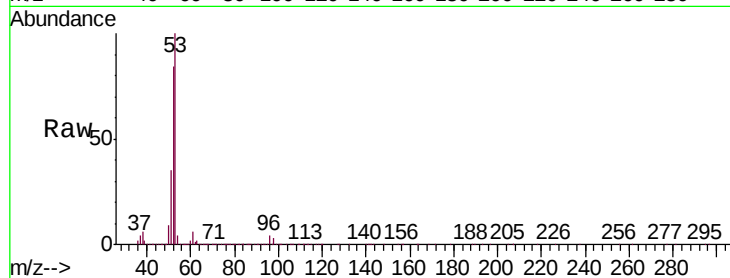
Tgt Ion: 53 Resp: 429074

Ion Ratio Lower Upper

53 100

52 83.0 66.7 100.1

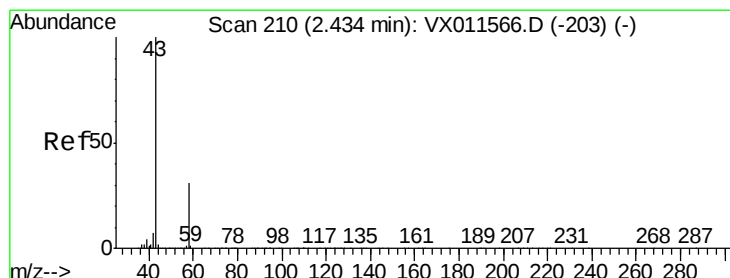
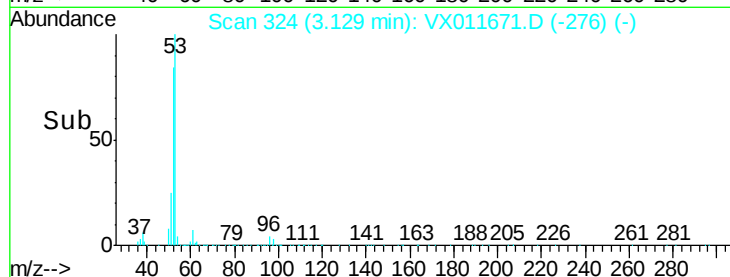
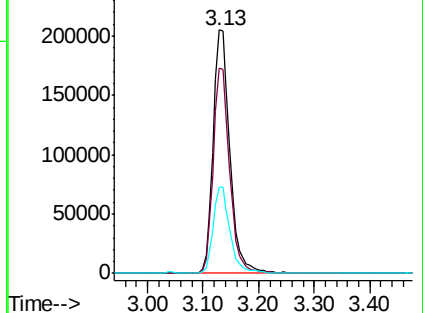
51 35.5 28.7 43.1



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: 272.533 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011671.D

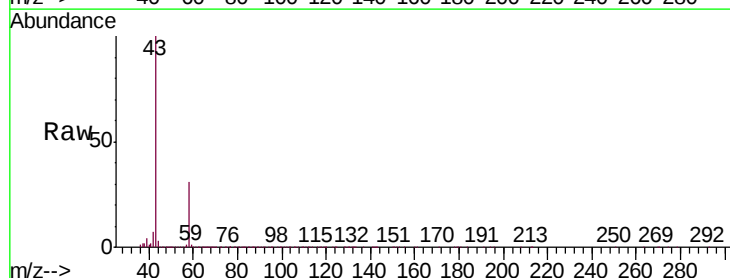
Acq: 20 Aug 2019 09:35

Tgt Ion: 43 Resp: 443392

Ion Ratio Lower Upper

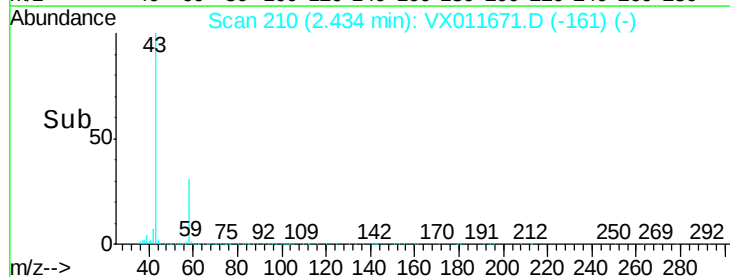
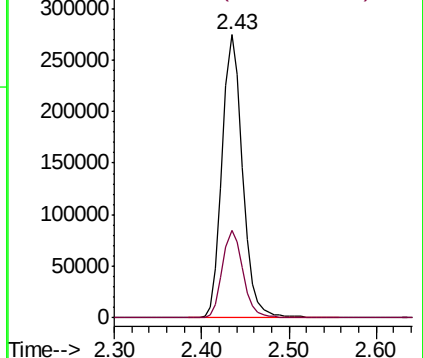
43 100

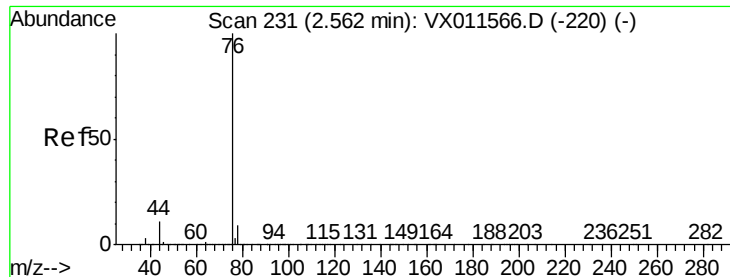
58 31.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

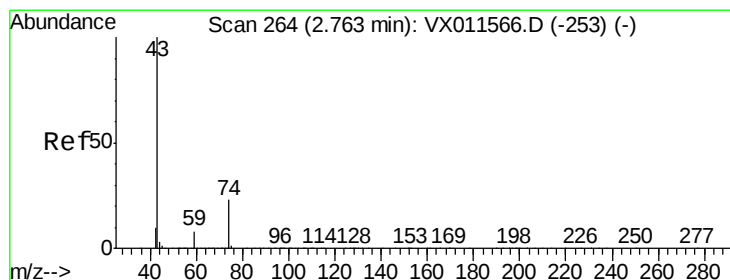
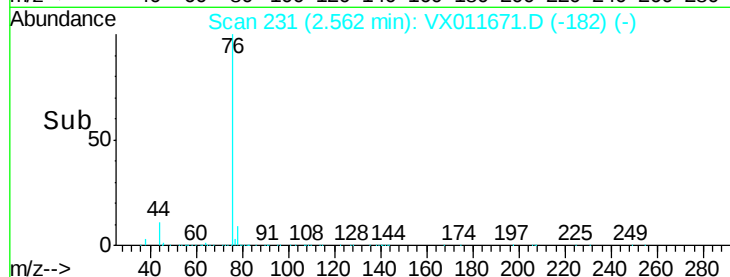
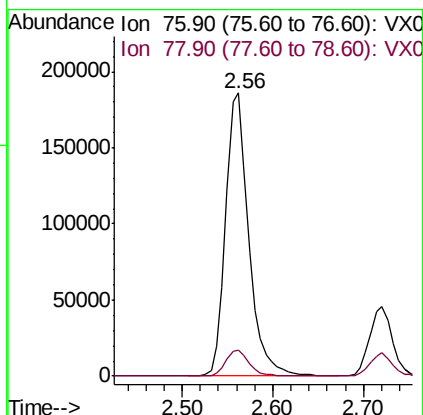
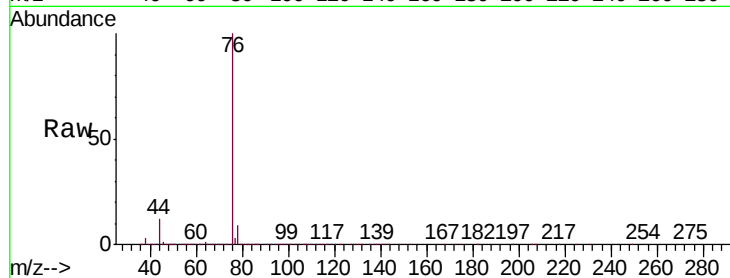




#17
Carbon Disulfide
Concen: 47.105 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

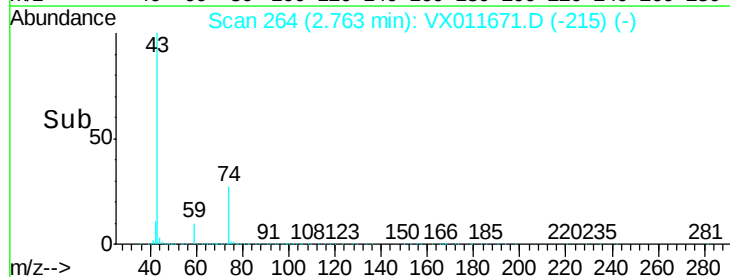
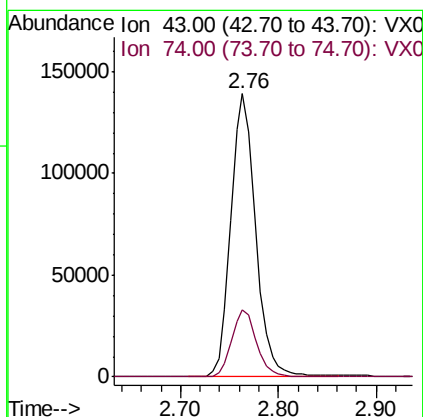
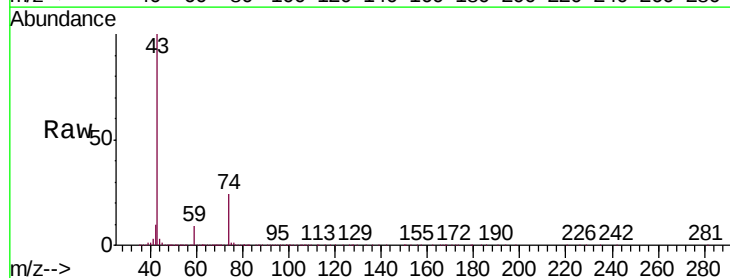
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

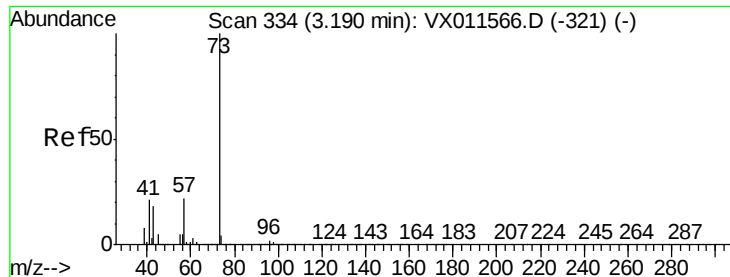
Tgt Ion: 76 Resp: 330209
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 48.332 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 43 Resp: 243867
Ion Ratio Lower Upper
43 100
74 23.3 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 50.261 ug/l

RT: 3.18 min Scan# 333

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

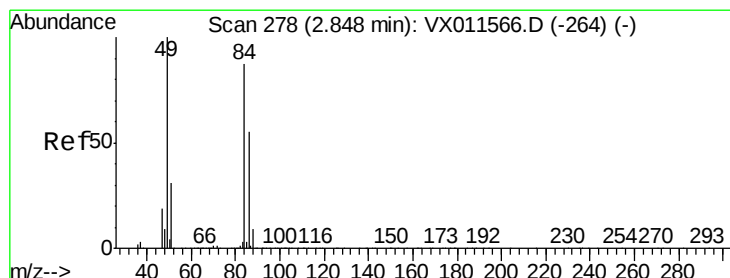
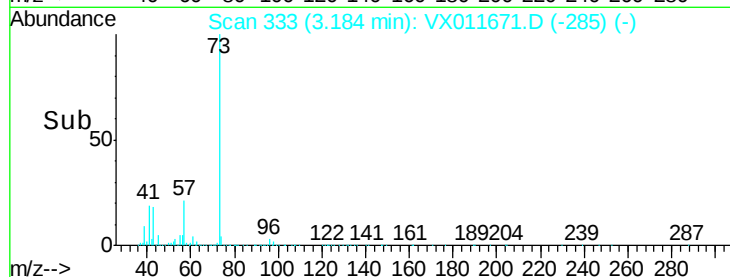
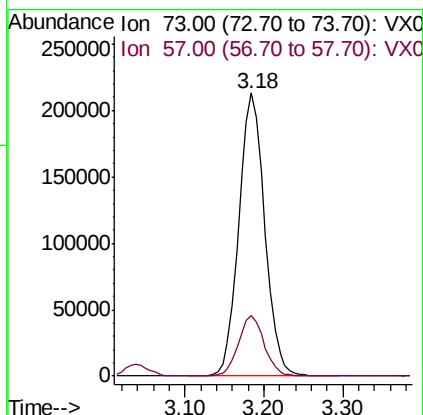
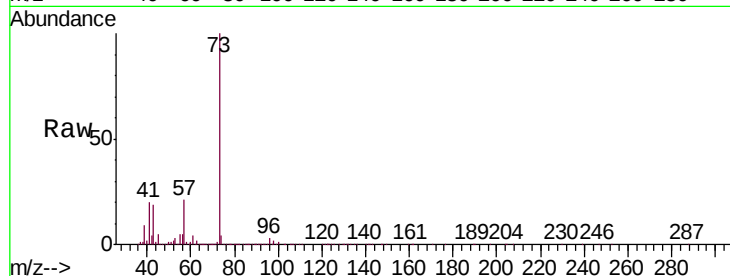
VSTDCCC050

Tgt Ion: 73 Resp: 486977

Ion Ratio Lower Upper

73 100

57 21.3 17.2 25.8



#20

Methylene Chloride

Concen: 46.022 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion: 84 Resp: 157208

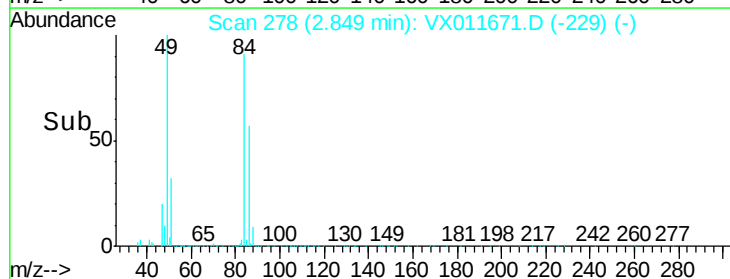
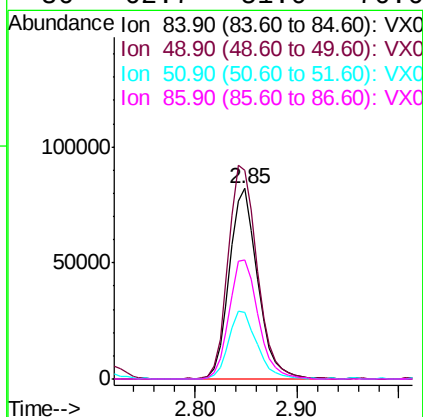
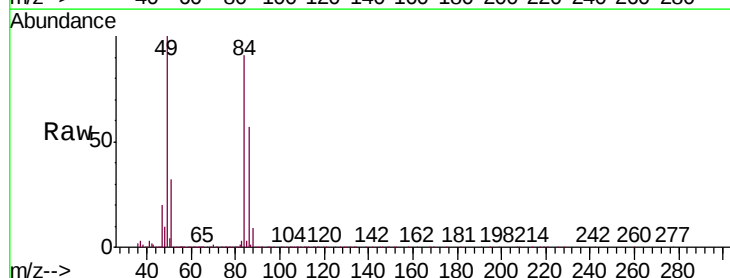
Ion Ratio Lower Upper

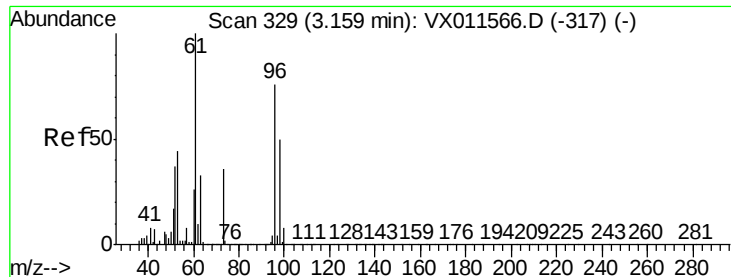
84 100

49 109.8 92.4 138.6

51 34.9 28.5 42.7

86 62.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.859 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

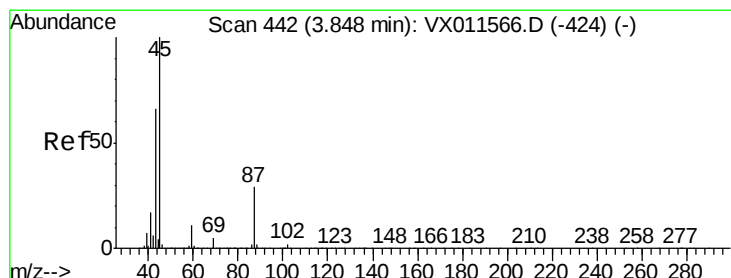
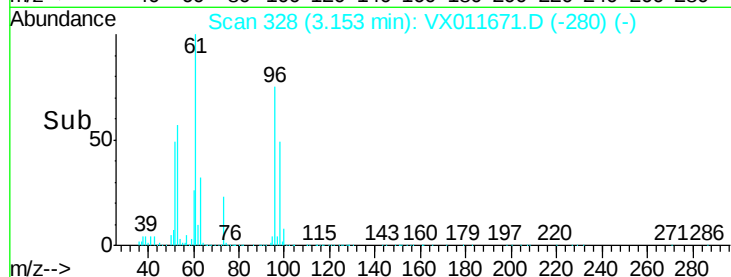
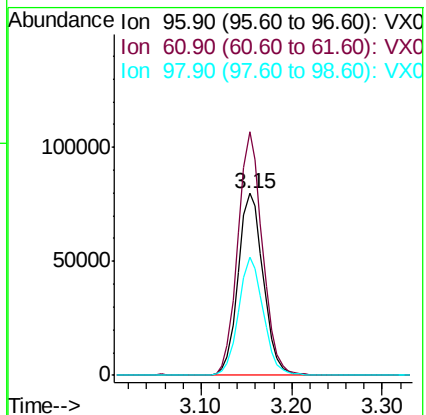
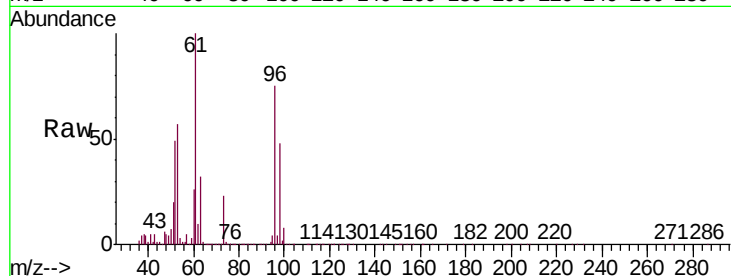
Tgt Ion: 96 Resp: 154033

Ion Ratio Lower Upper

96 100

61 133.7 105.5 158.3

98 64.8 52.6 78.8



#22

Diisopropyl ether

Concen: 49.034 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion: 45 Resp: 483253

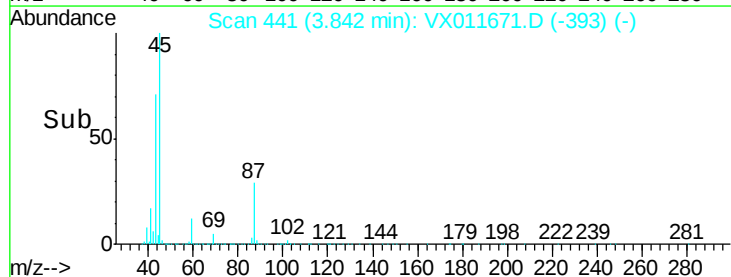
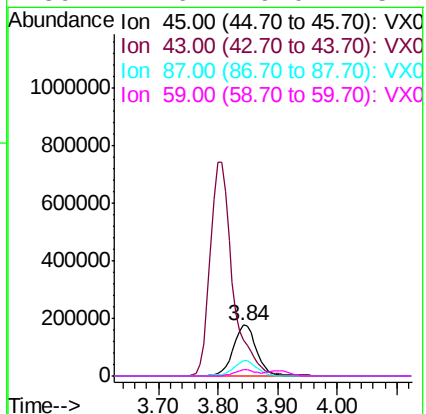
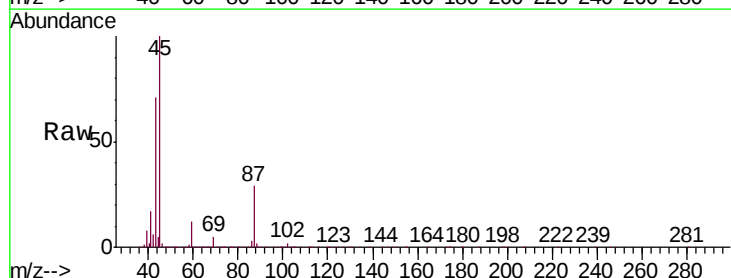
Ion Ratio Lower Upper

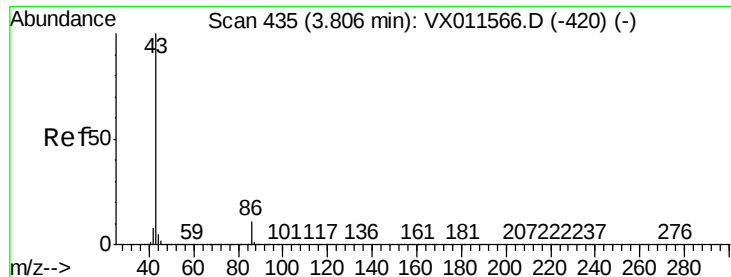
45 100

43 71.1 52.7 79.1

87 29.3 23.5 35.3

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 248.766 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

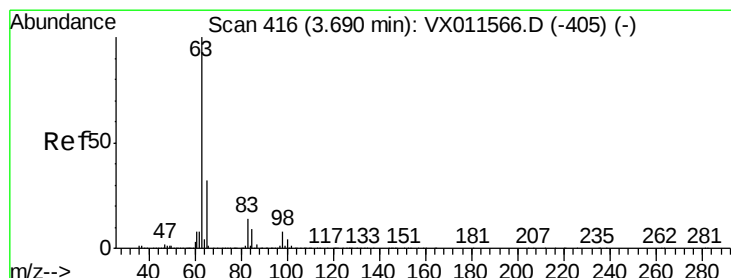
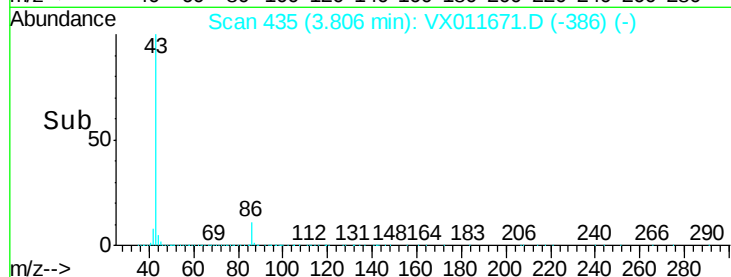
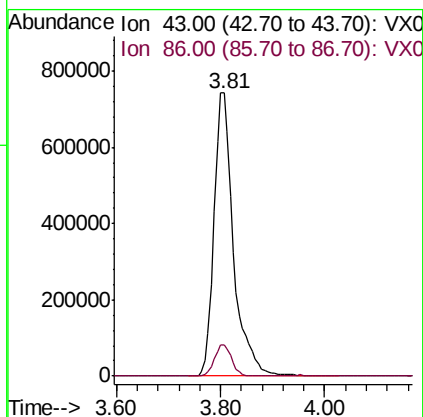
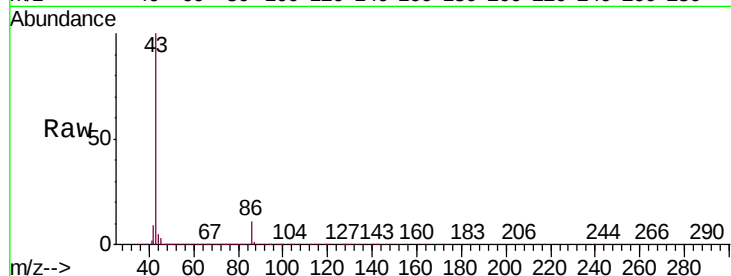
VSTDCCC050

Tgt Ion: 43 Resp: 1941450

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.324 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

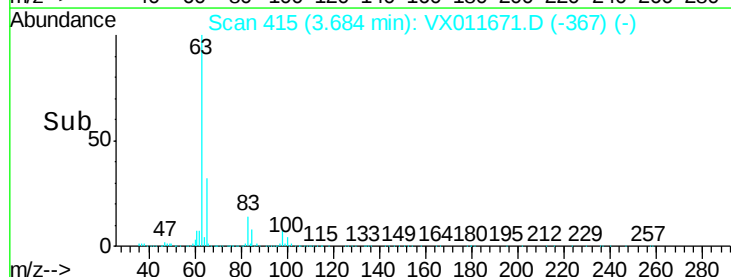
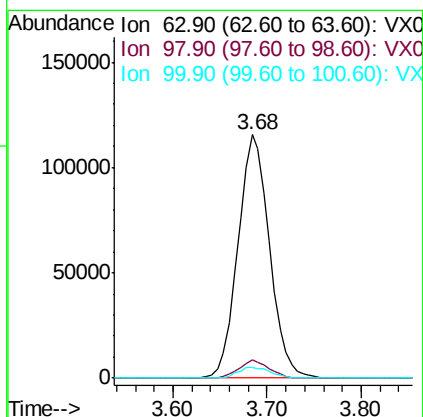
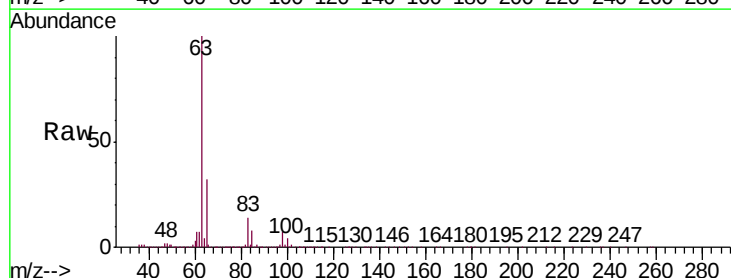
Tgt Ion: 63 Resp: 269272

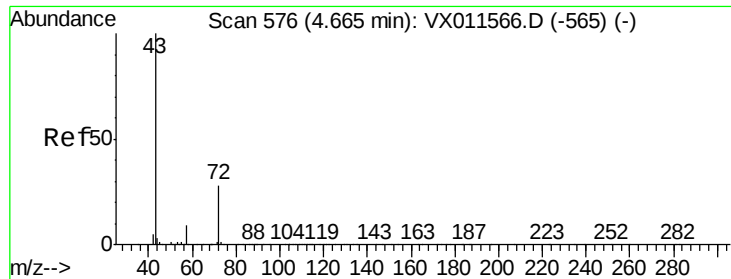
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 238.598 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

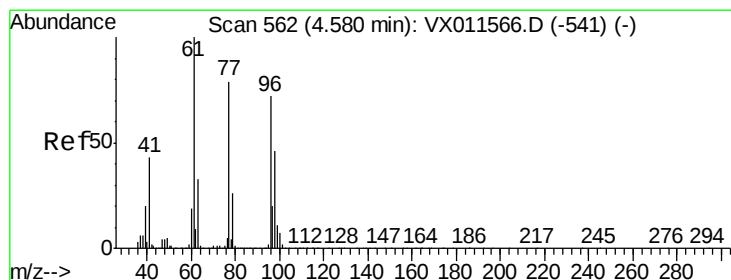
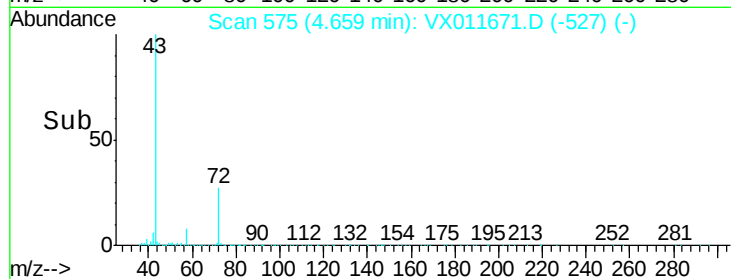
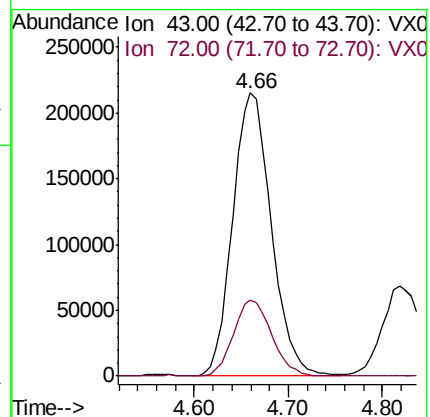
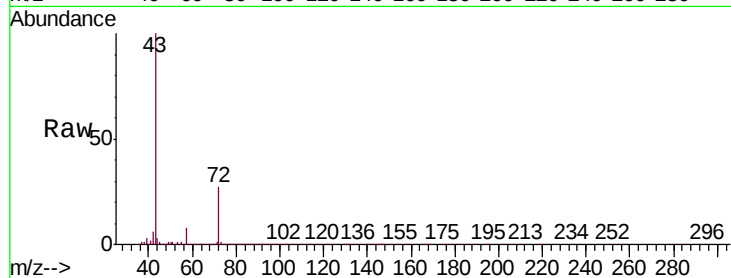
VSTDCCC050

Tgt Ion: 43 Resp: 609413

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.4



#26

2,2-Dichloropropane

Concen: 55.484 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011671.D

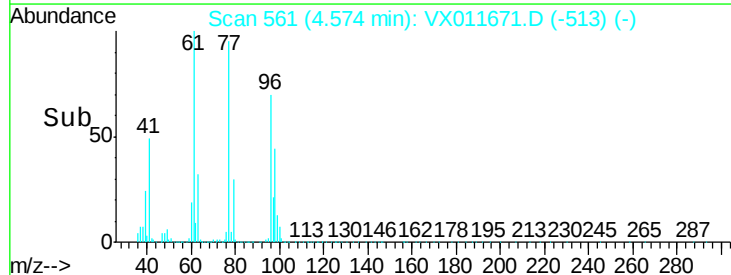
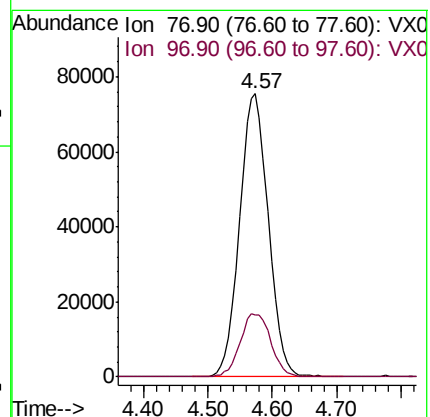
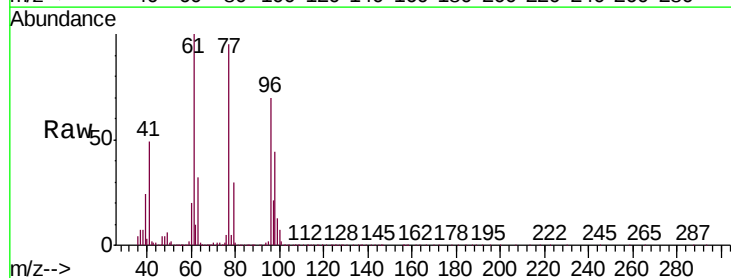
Acq: 20 Aug 2019 09:35

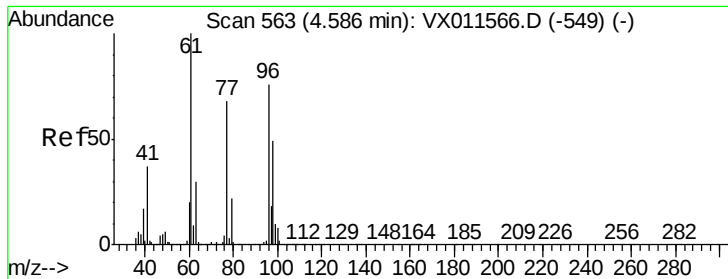
Tgt Ion: 77 Resp: 232694

Ion Ratio Lower Upper

77 100

97 23.8 12.4 37.2



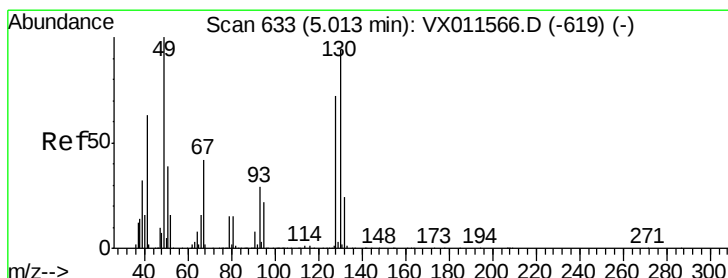
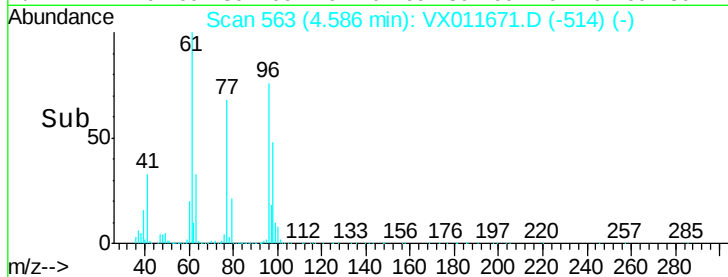
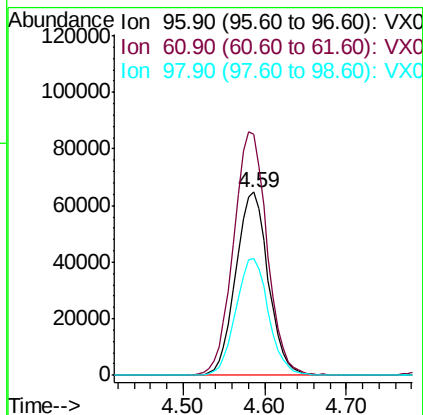
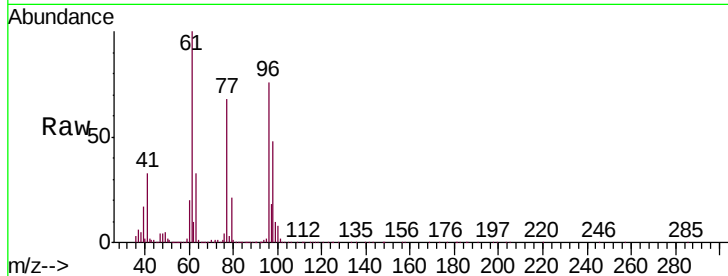


#27

cis-1,2-Dichloroethene
Concen: 48.470 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

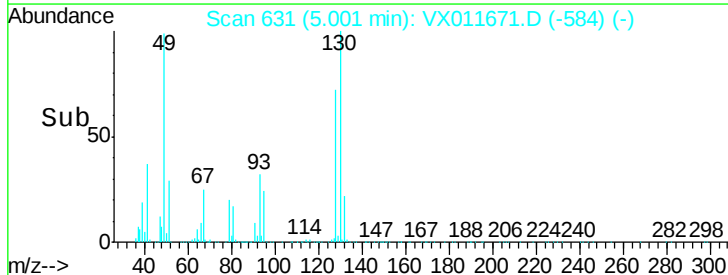
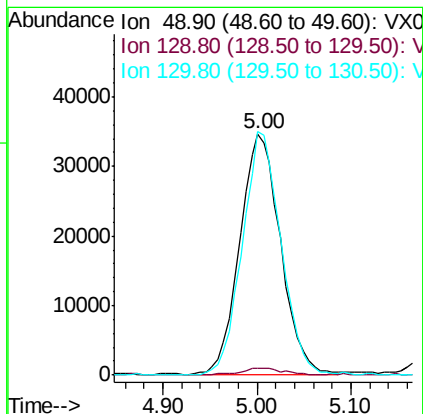
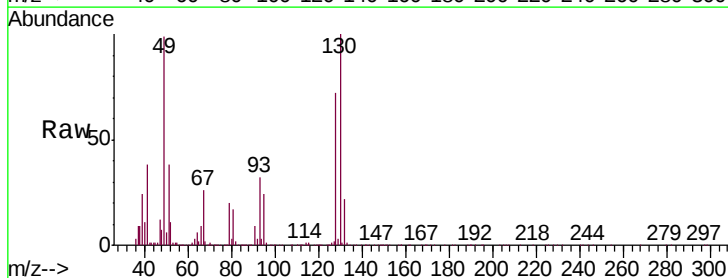
Tgt Ion: 96 Resp: 178133
Ion Ratio Lower Upper
96 100
61 137.3 0.0 272.6
98 64.8 0.0 129.4

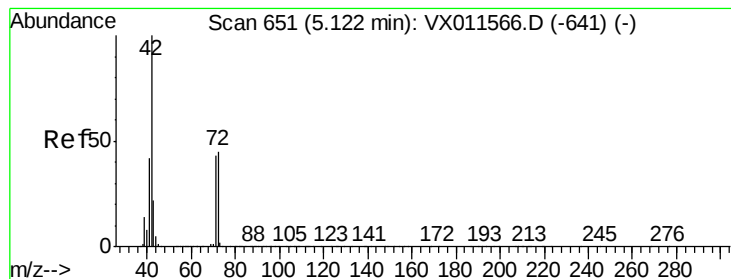


#28

Bromochloromethane
Concen: 43.002 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 49 Resp: 105188
Ion Ratio Lower Upper
49 100
129 3.2 0.0 5.0
130 95.8 76.6 115.0





#29

Tetrahydrofuran

Concen: 215.536 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

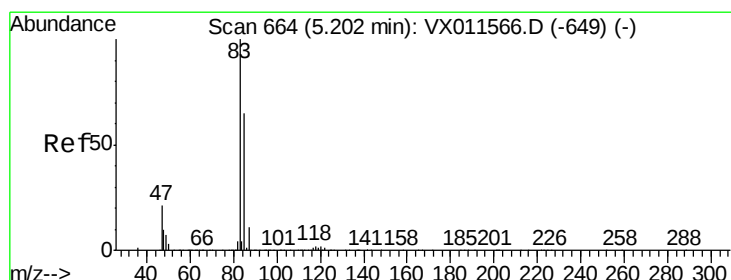
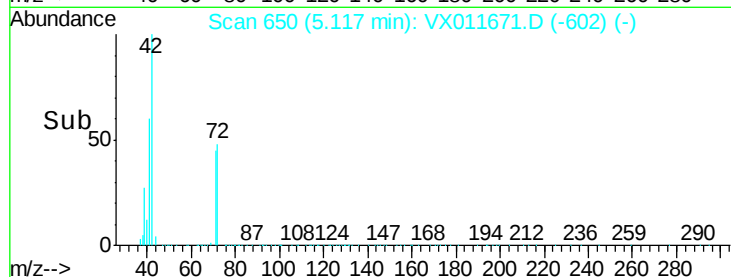
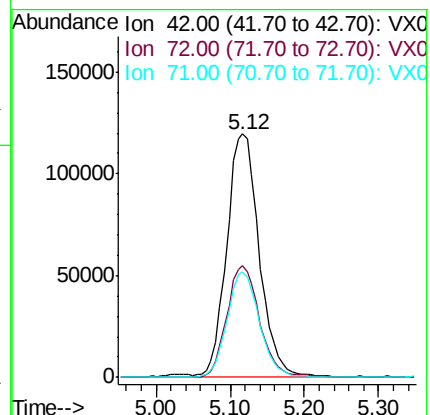
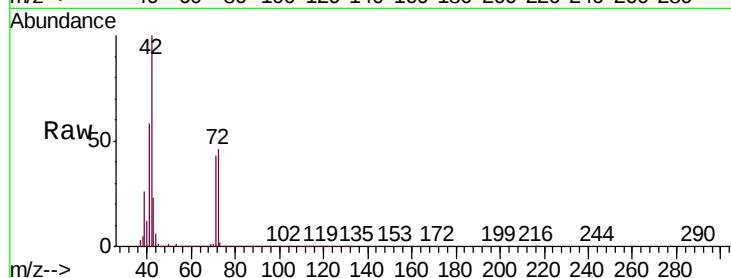
Tgt Ion: 42 Resp: 361119

Ion Ratio Lower Upper

42 100

72 46.7 36.1 54.1

71 43.2 33.8 50.8



#30

Chloroform

Concen: 47.358 ug/l

RT: 5.20 min Scan# 663

Delta R.T. -0.01 min

Lab File: VX011671.D

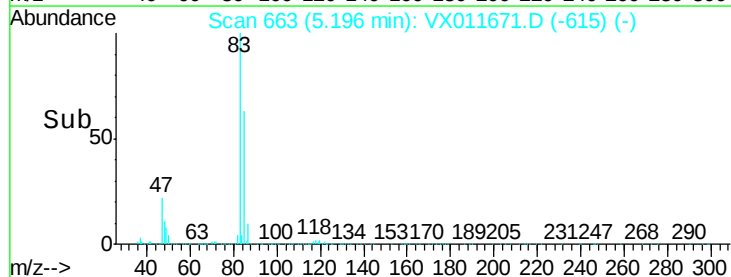
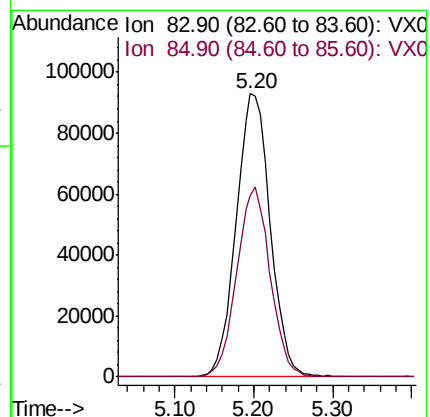
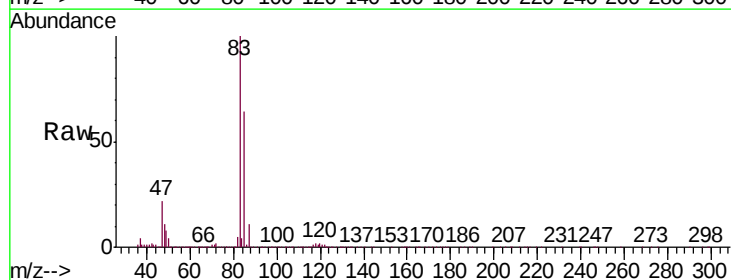
Acq: 20 Aug 2019 09:35

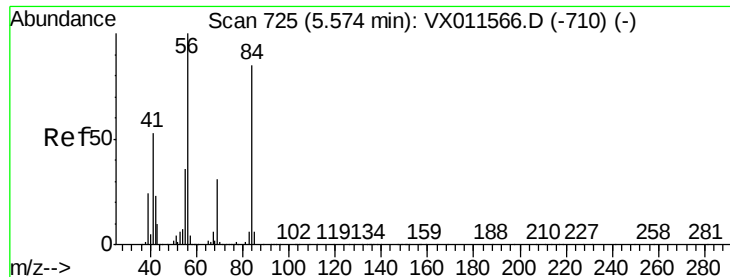
Tgt Ion: 83 Resp: 278494

Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

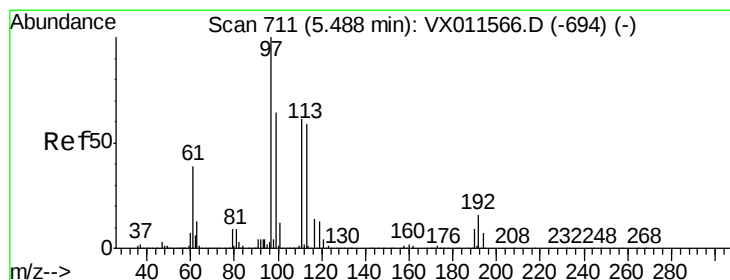
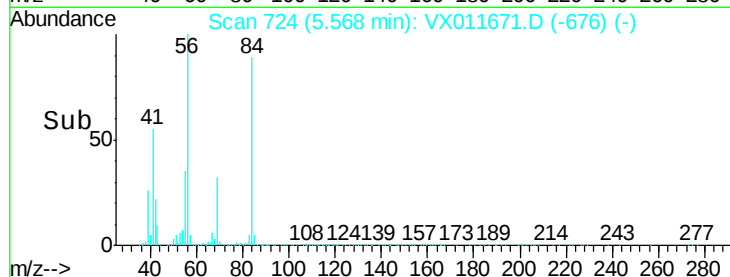
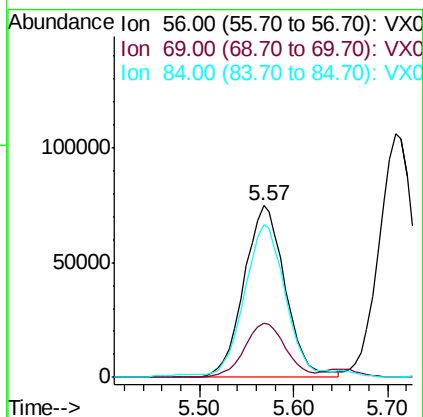
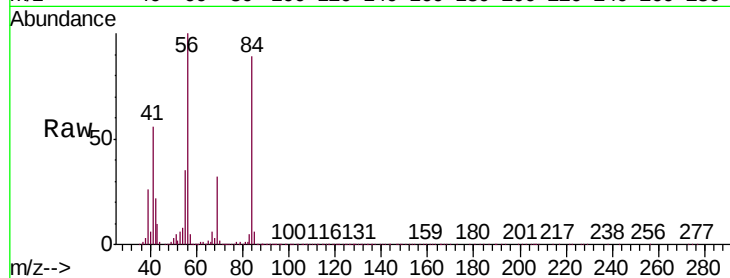




#31
Cyclohexane
Concen: 47.548 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

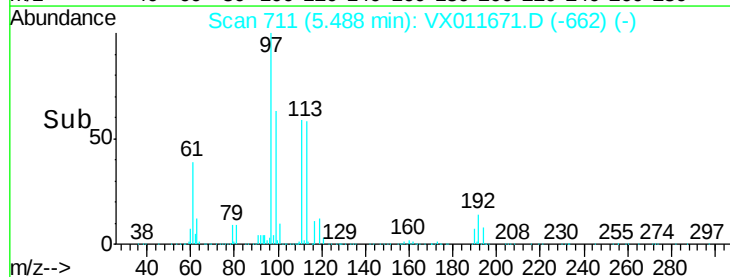
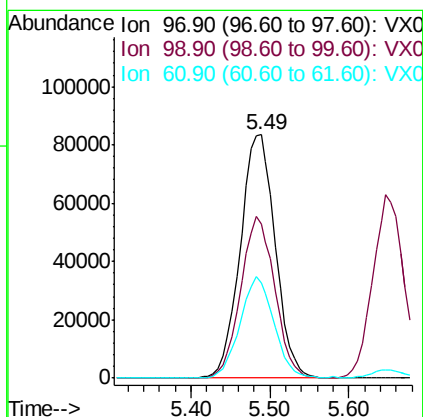
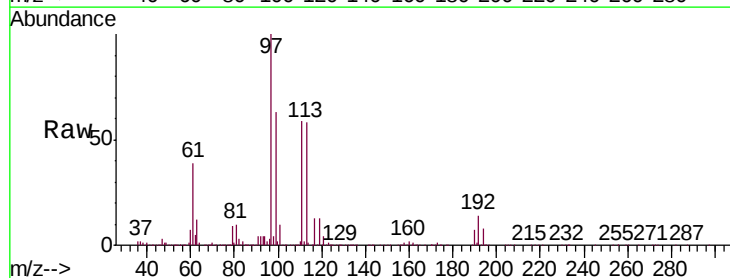
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

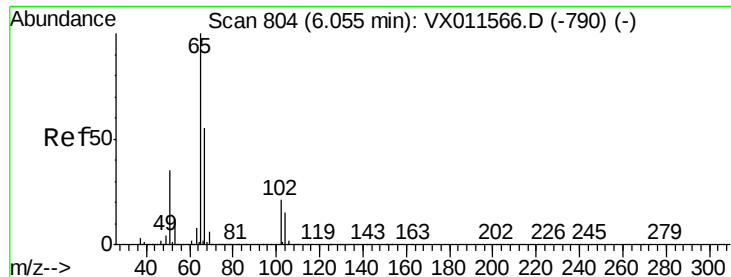
Tgt Ion: 56 Resp: 228114
Ion Ratio Lower Upper
56 100
69 31.7 24.8 37.2
84 87.6 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 50.744 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 97 Resp: 256586
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 40.2 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 45.465 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

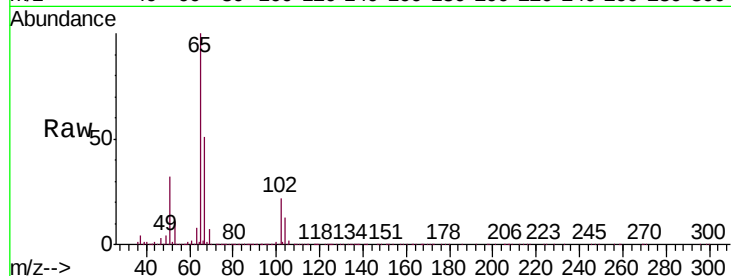
VSTDCCC050

Tgt Ion: 65 Resp: 147107

Ion Ratio Lower Upper

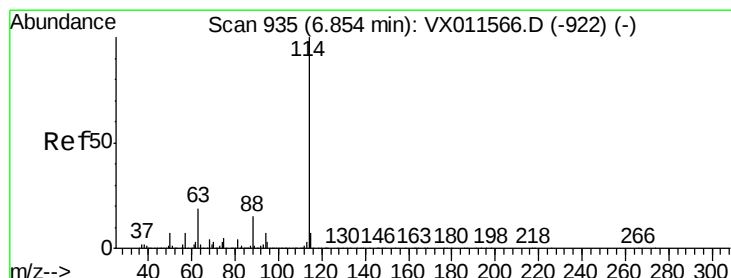
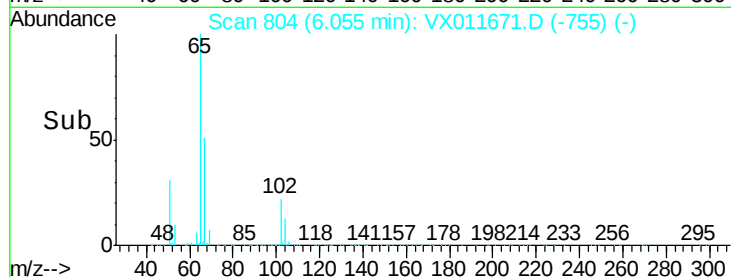
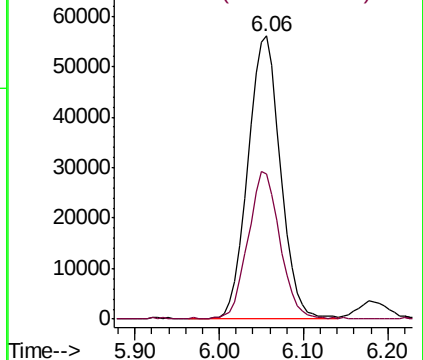
65 100

67 50.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

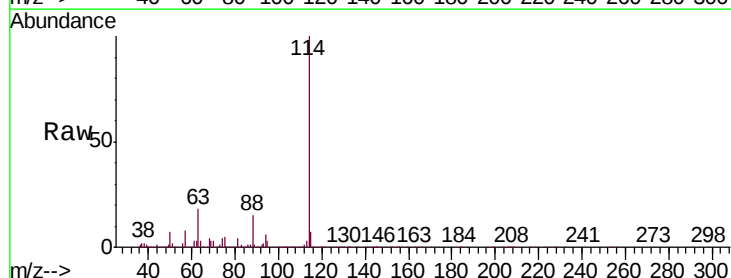
Tgt Ion: 114 Resp: 477410

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.8

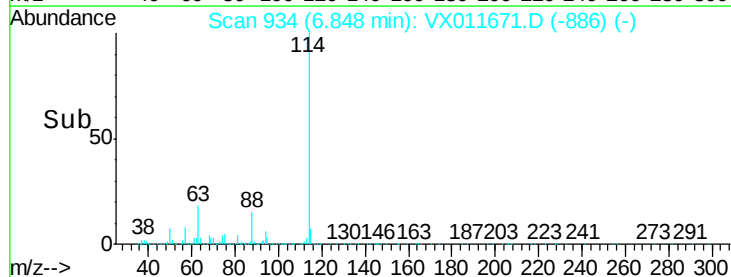
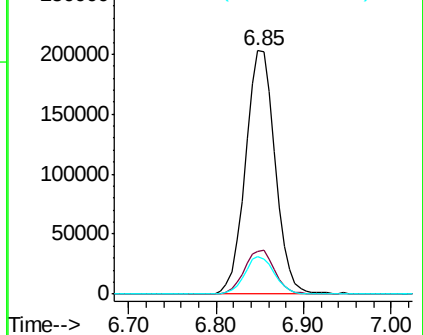
88 15.3 0.0 30.2

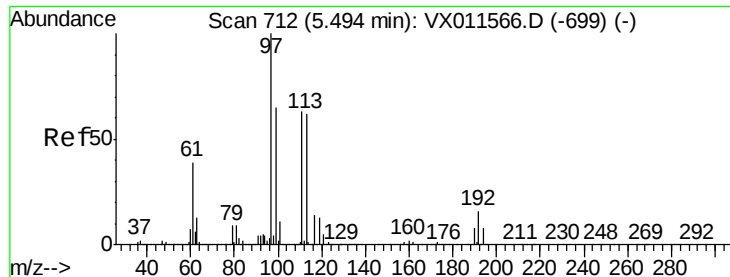


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.728 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

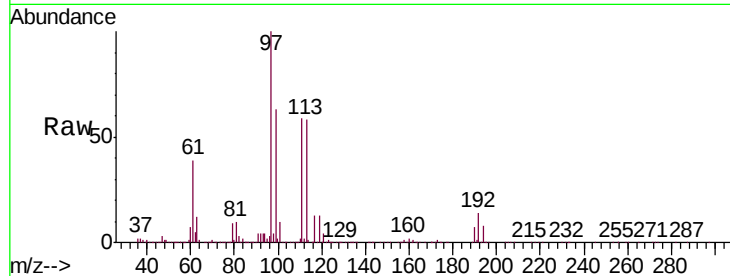
Tgt Ion:113 Resp: 139666

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

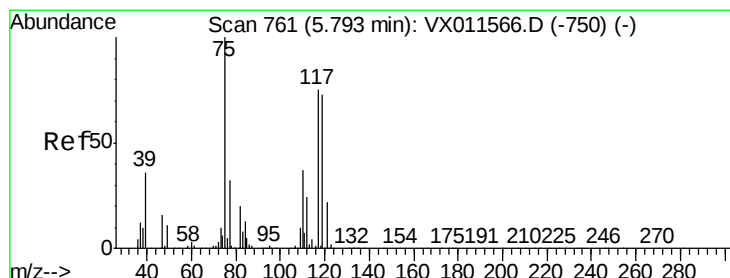
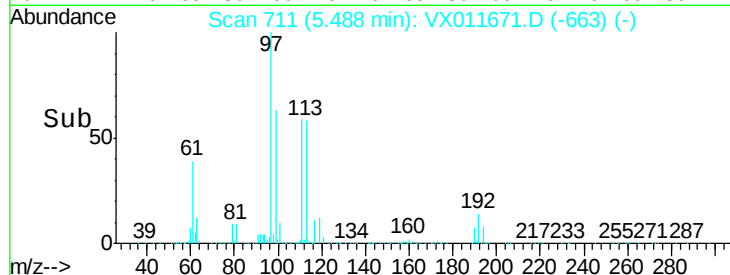
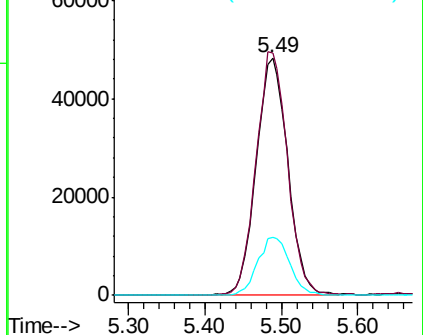
192 24.9 20.8 31.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.648 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

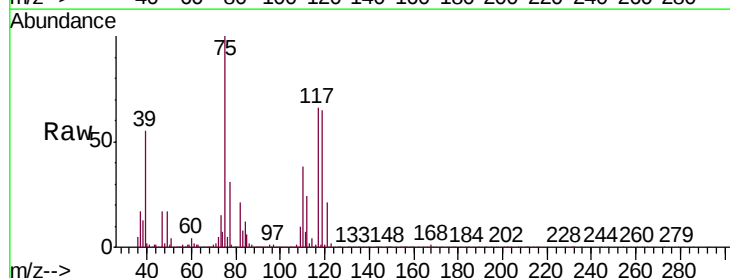
Tgt Ion: 75 Resp: 198573

Ion Ratio Lower Upper

75 100

110 38.7 19.4 58.1

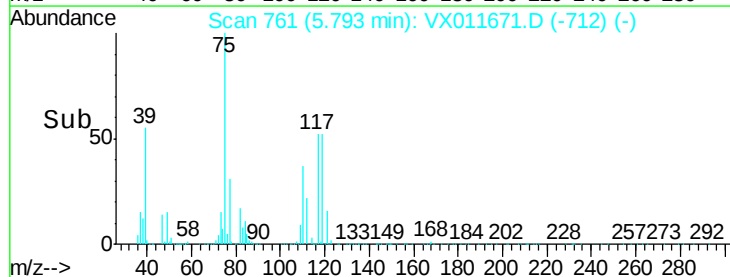
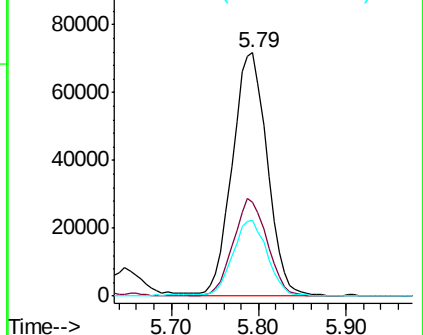
77 30.5 25.1 37.7

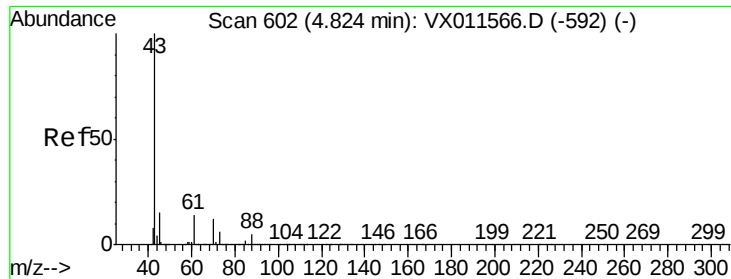


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

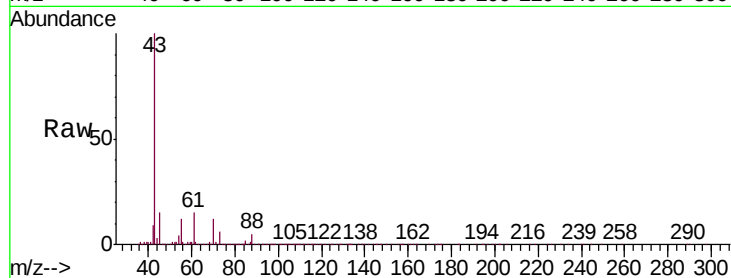




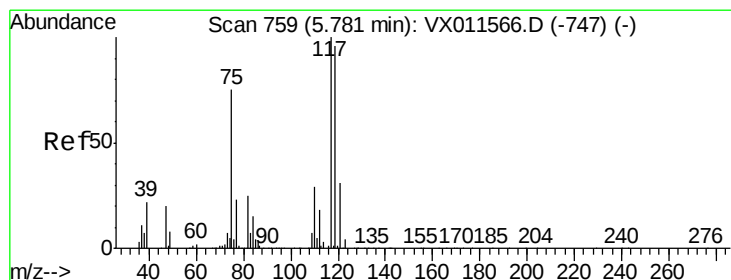
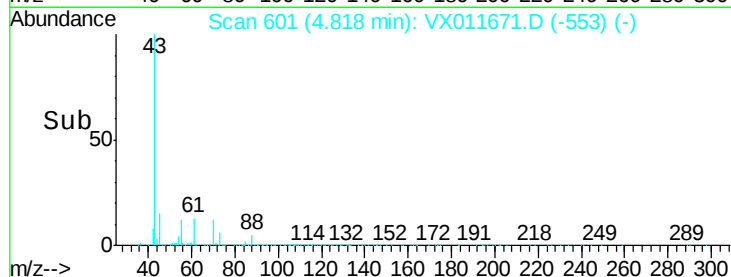
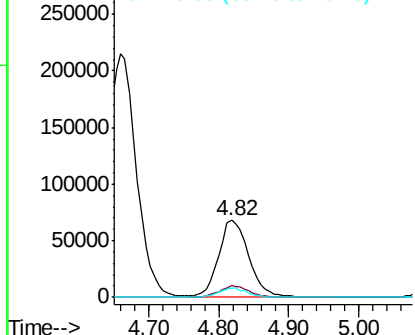
#37
Ethyl Acetate
Concen: 43.224 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 202930
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 11.5 9.0 13.6

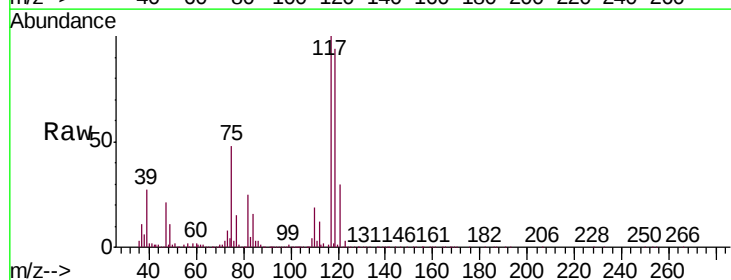


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

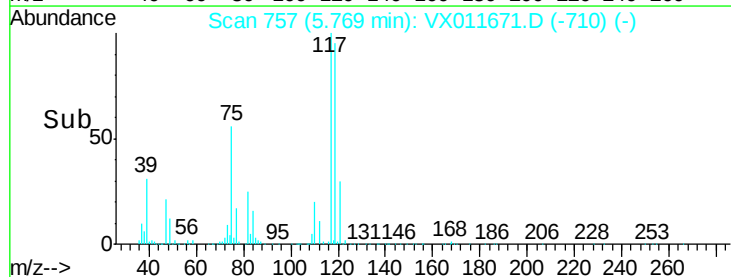
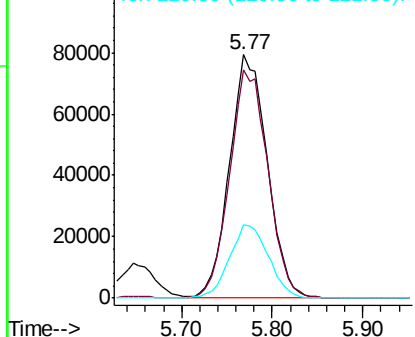


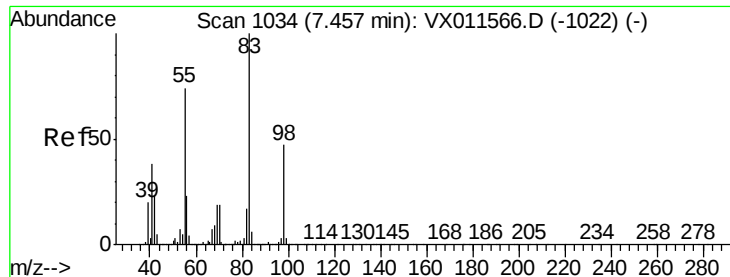
#38
Carbon Tetrachloride
Concen: 50.709 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 117 Resp: 228039
Ion Ratio Lower Upper
117 100
119 93.9 76.9 115.3
121 29.9 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

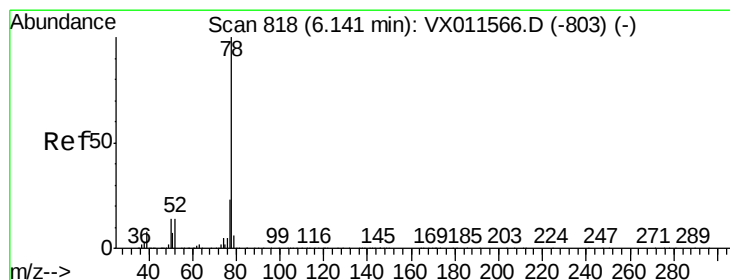
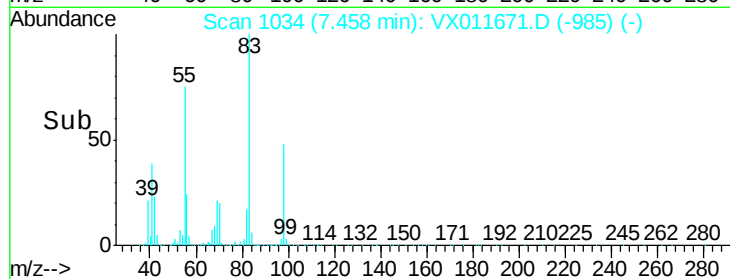
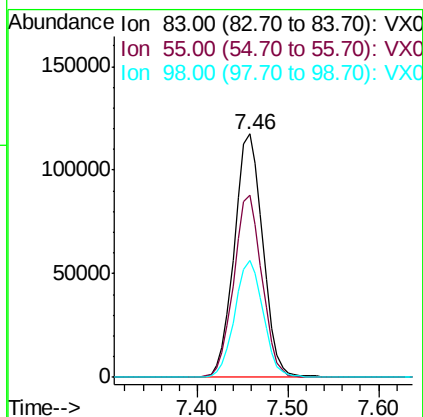
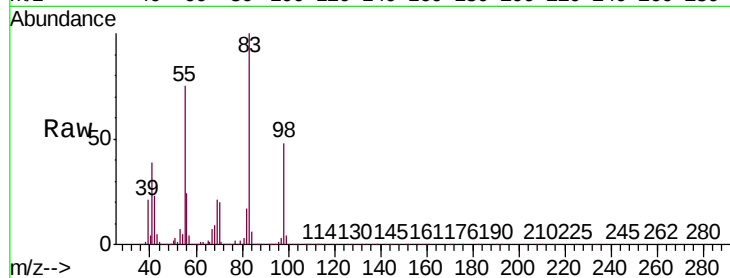




#39
Methylcyclohexane
Concen: 50.900 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

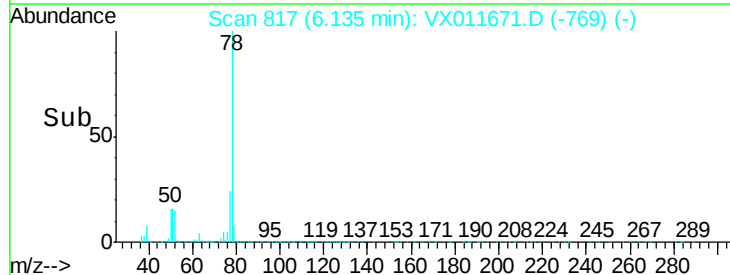
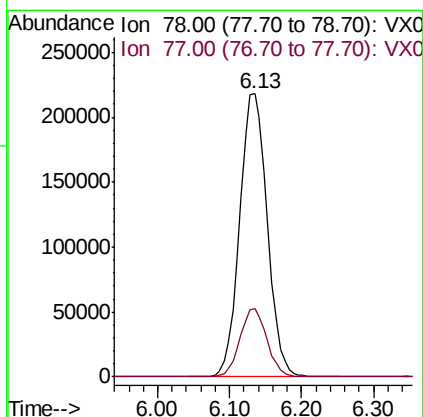
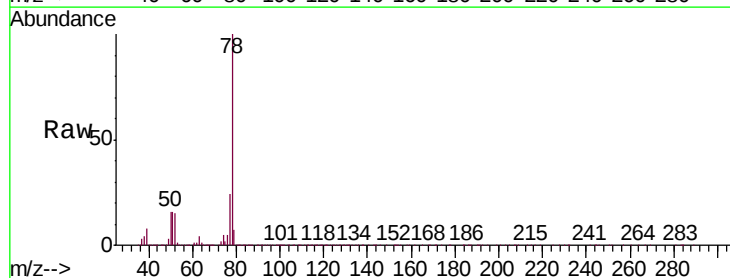
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

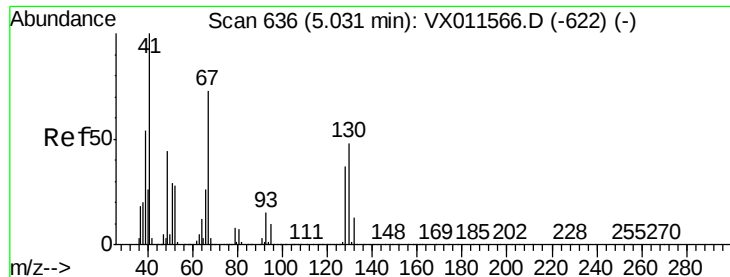
Tgt Ion: 83 Resp: 256571
Ion Ratio Lower Upper
83 100
55 75.0 58.8 88.2
98 47.7 37.8 56.6



#40
Benzene
Concen: 45.597 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 78 Resp: 578377
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0





#41

Methacrylonitrile

Concen: 46.100 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 119117

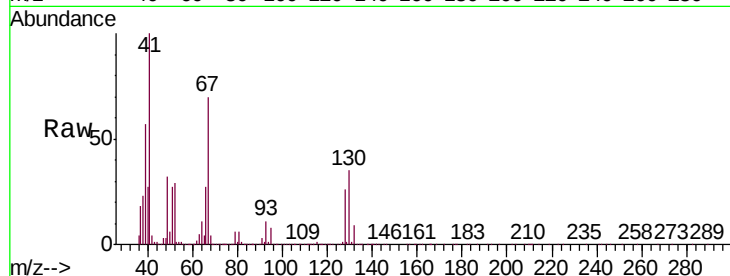
Ion Ratio Lower Upper

41 100

39 56.5 43.5 65.3

67 72.6 59.4 89.2

52 28.8 23.4 35.2

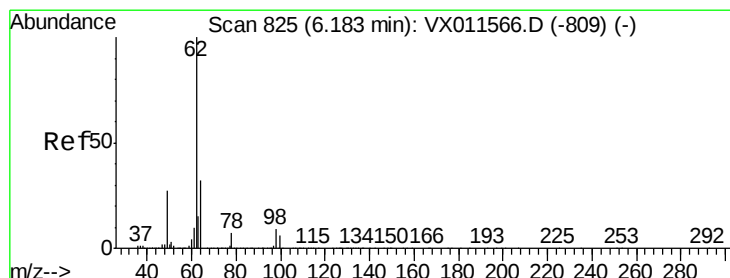
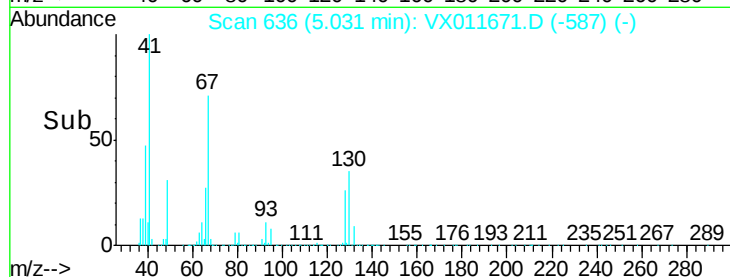
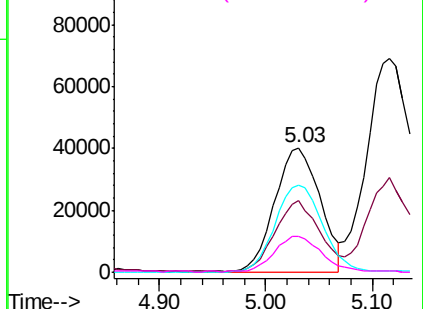


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.769 ug/l

RT: 6.18 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX011671.D

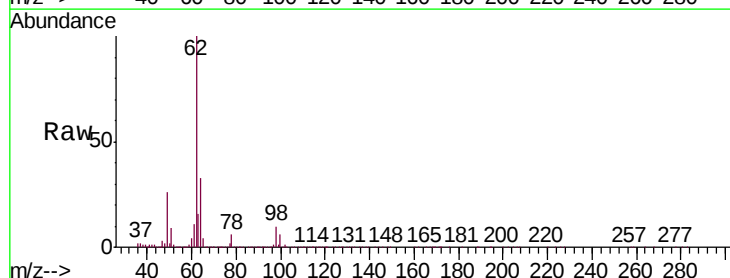
Acq: 20 Aug 2019 09:35

Tgt Ion: 62 Resp: 223118

Ion Ratio Lower Upper

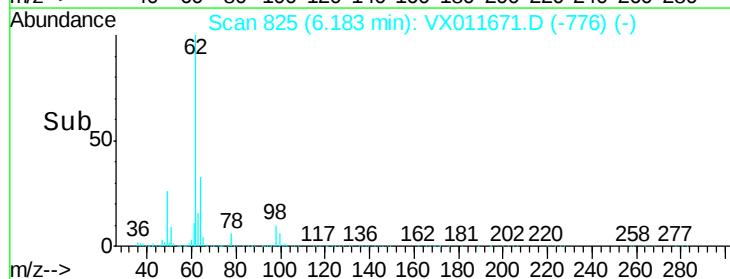
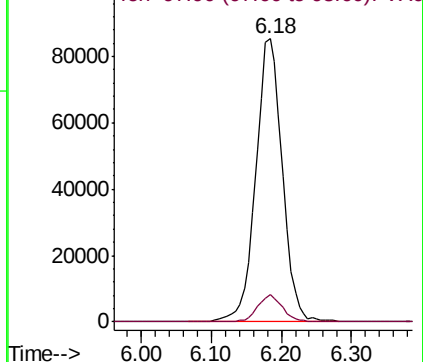
62 100

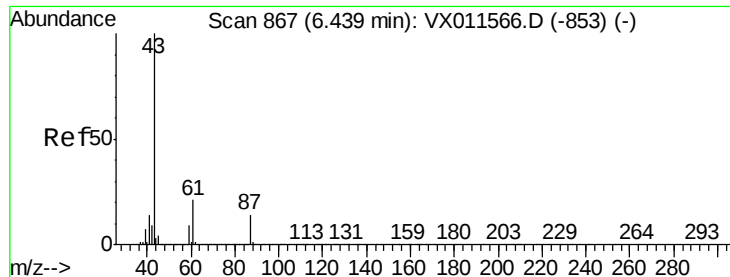
98 8.8 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.605 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

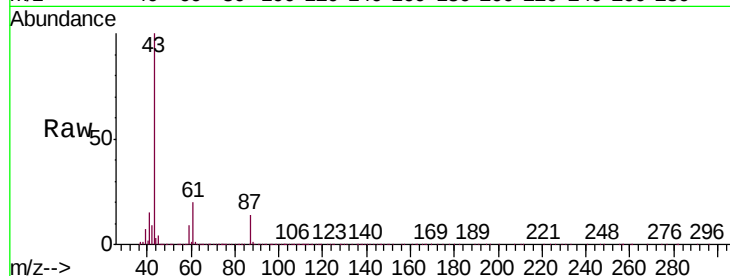
Tgt Ion: 43 Resp: 326814

Ion Ratio Lower Upper

43 100

61 19.9 16.6 24.8

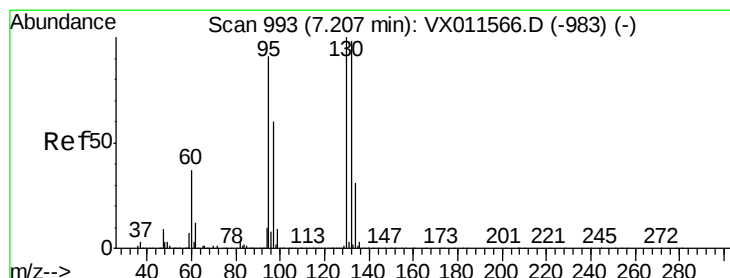
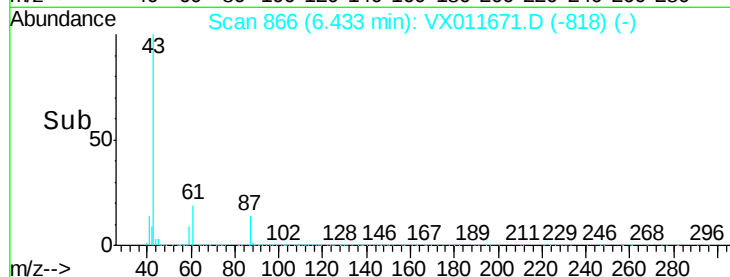
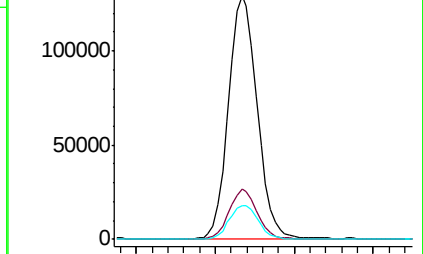
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX011671.D (-818) (-)

Ion 61.00 (60.70 to 61.70): VX011671.D (-818) (-)

Ion 87.00 (86.70 to 87.70): VX011671.D (-818) (-)



#44

Trichloroethene

Concen: 48.649 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011671.D

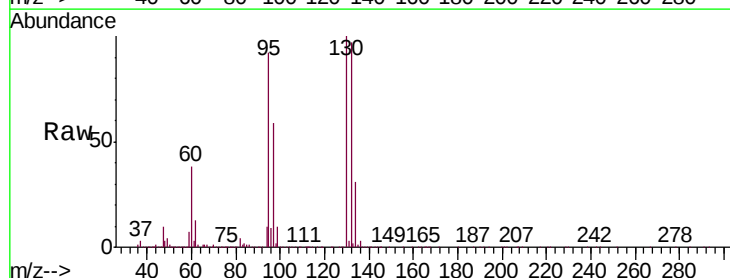
Acq: 20 Aug 2019 09:35

Tgt Ion: 130 Resp: 183062

Ion Ratio Lower Upper

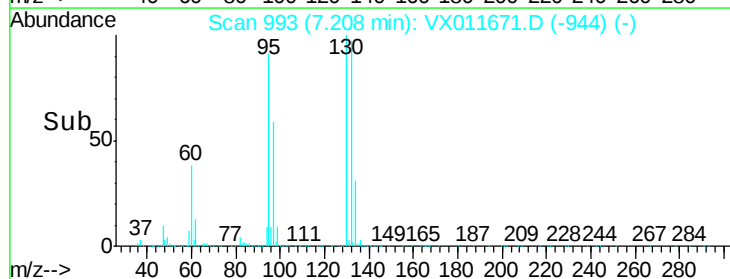
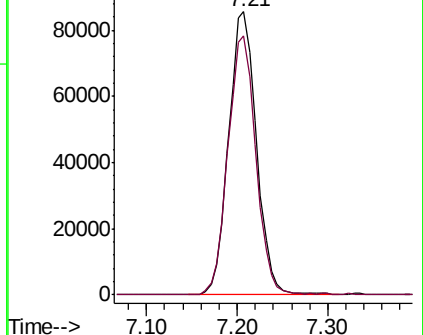
130 100

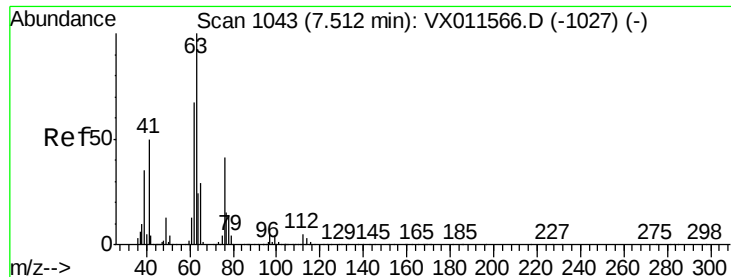
95 91.3 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): VX011671.D (-944) (-)

Ion 94.90 (94.60 to 95.60): VX011671.D (-944) (-)





#45

1,2-Dichloropropane

Concen: 49.610 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

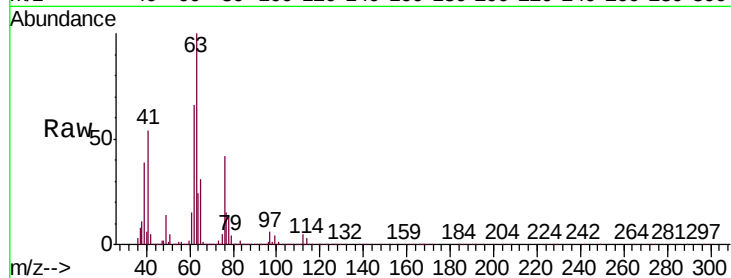
VSTDCCC050

Tgt Ion: 63 Resp: 156936

Ion Ratio Lower Upper

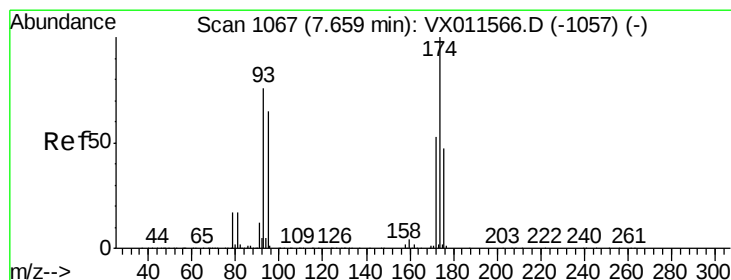
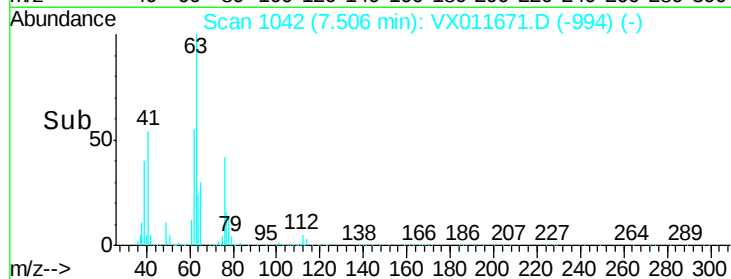
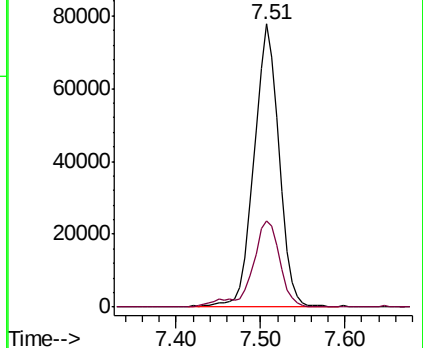
63 100

65 30.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.400 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

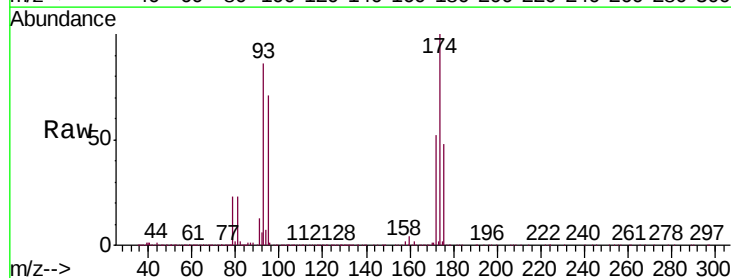
Tgt Ion: 93 Resp: 104367

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

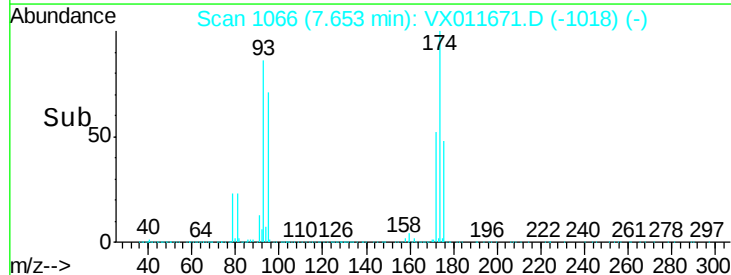
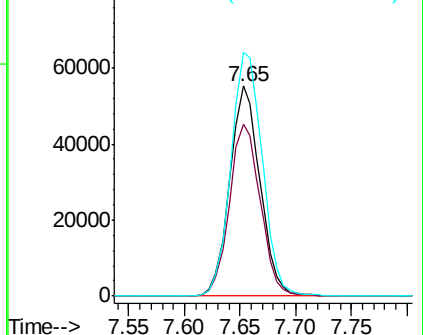
174 120.3 105.5 158.3

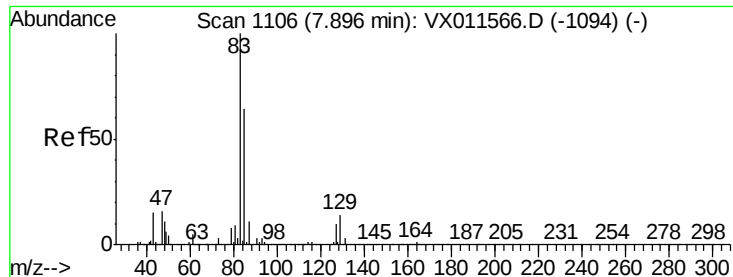


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.621 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

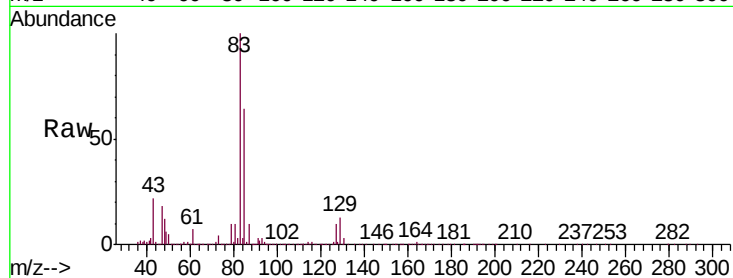
Tgt Ion: 83 Resp: 201004

Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8

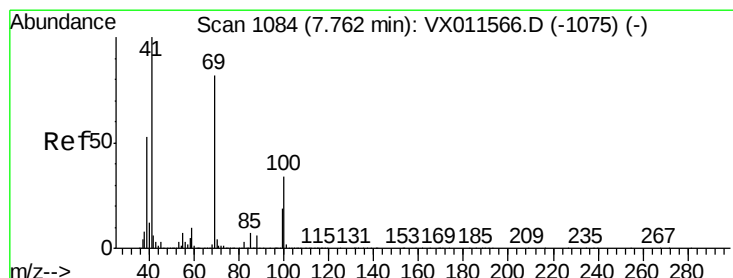
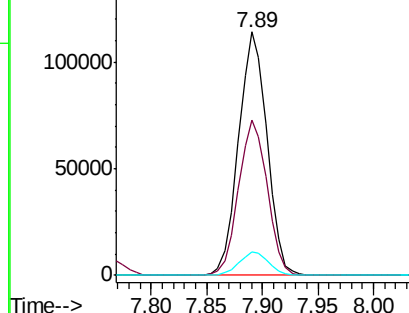
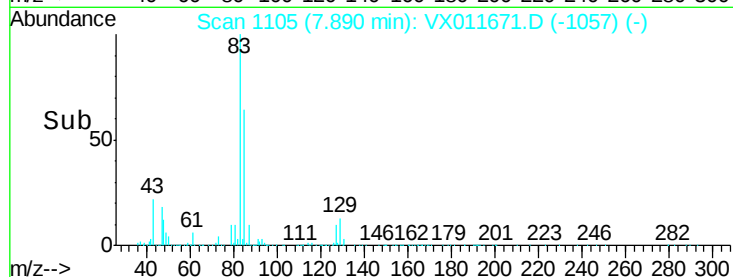
127 9.6 8.1 12.1



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: 45.257 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

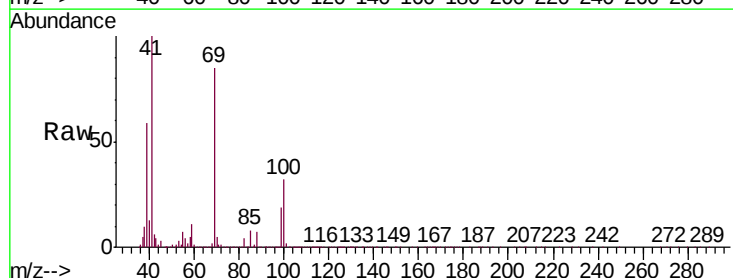
Tgt Ion: 41 Resp: 164210

Ion Ratio Lower Upper

41 100

69 85.0 67.9 101.9

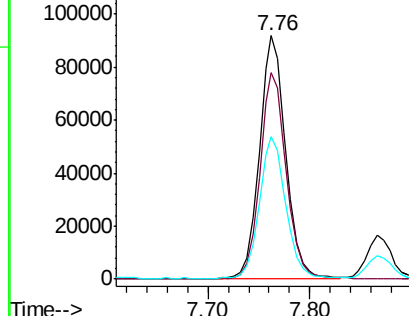
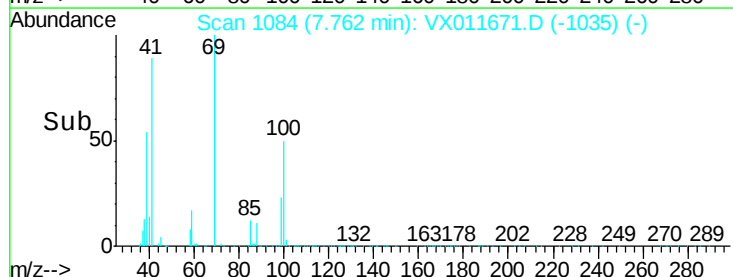
39 59.0 41.6 62.4

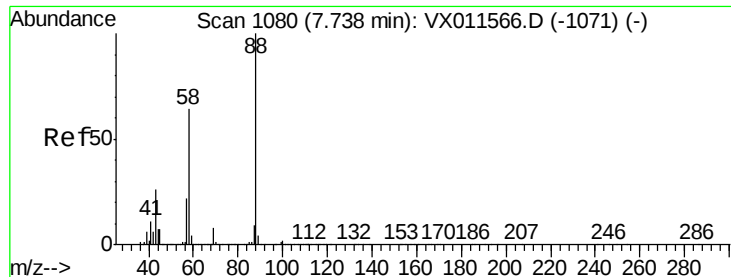


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 846.207 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

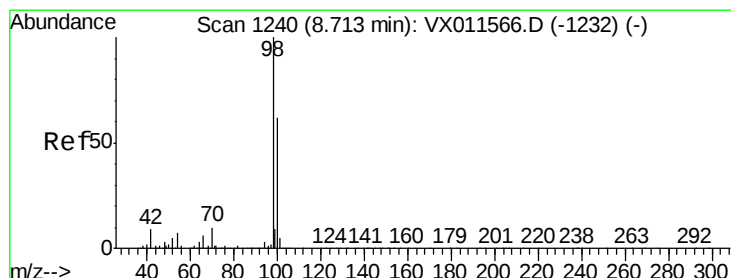
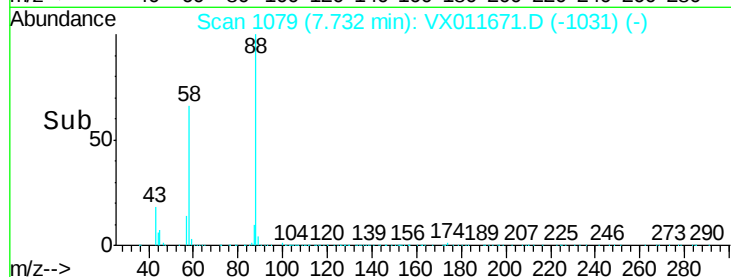
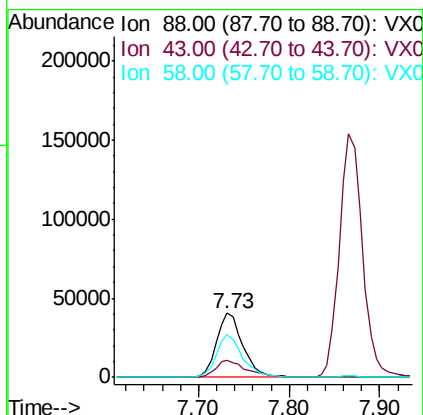
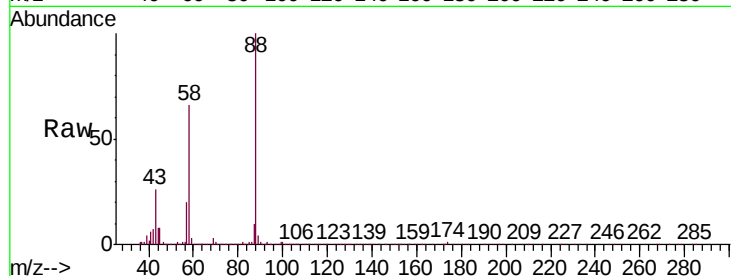
Tgt Ion: 88 Resp: 81664

Ion Ratio Lower Upper

88 100

43 29.9 23.4 35.0

58 65.5 54.3 81.5



#50

Toluene-d8

Concen: 44.818 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011671.D

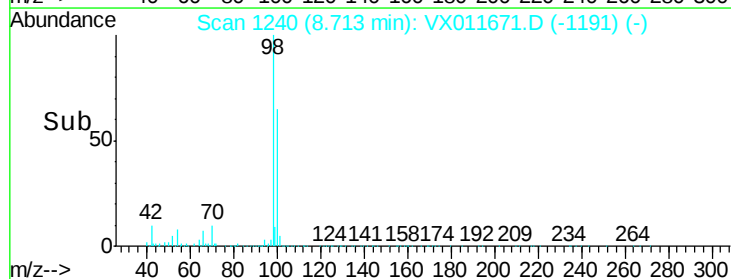
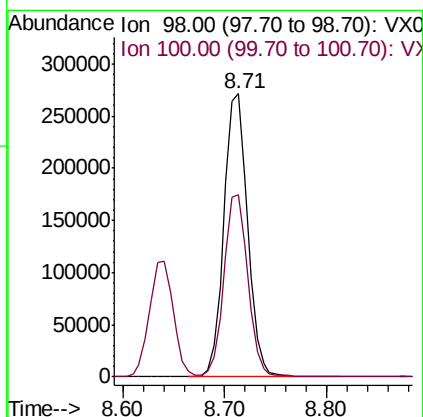
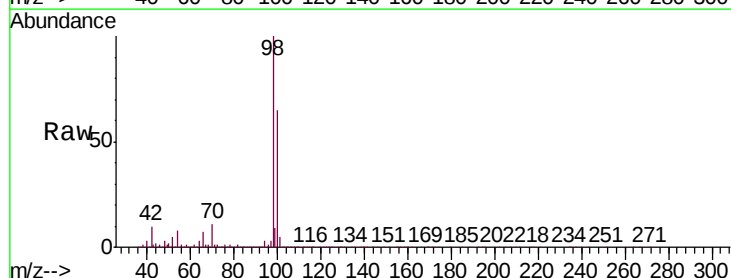
Acq: 20 Aug 2019 09:35

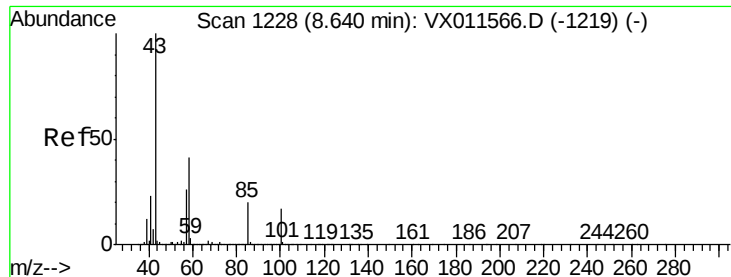
Tgt Ion: 98 Resp: 436060

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

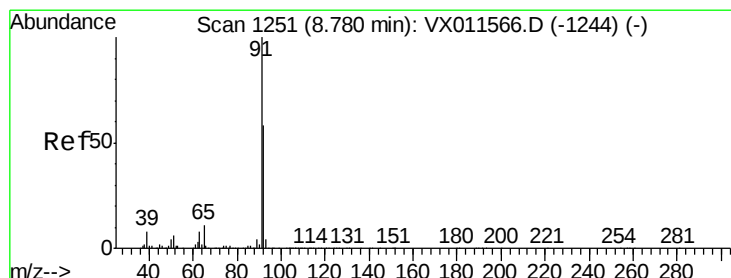
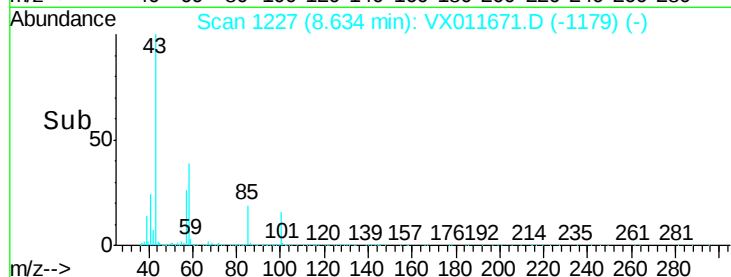
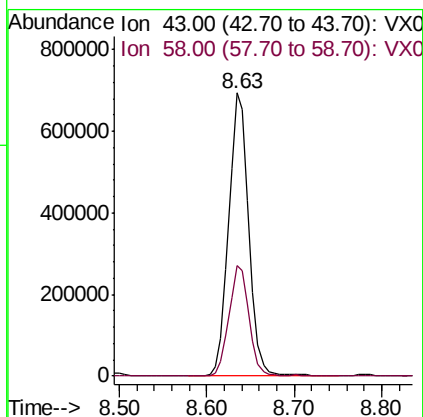
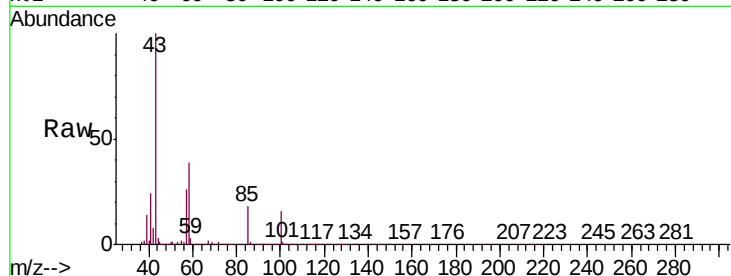




#51
 4-Methyl-2-Pentanone
 Concen: 230.317 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

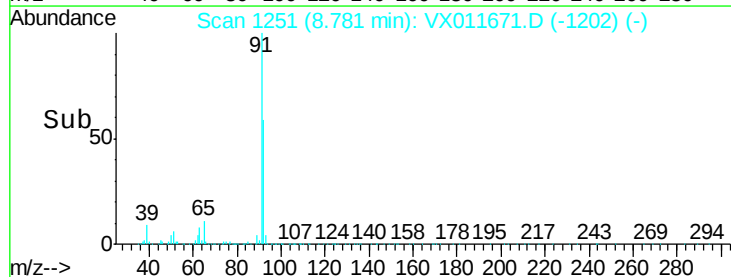
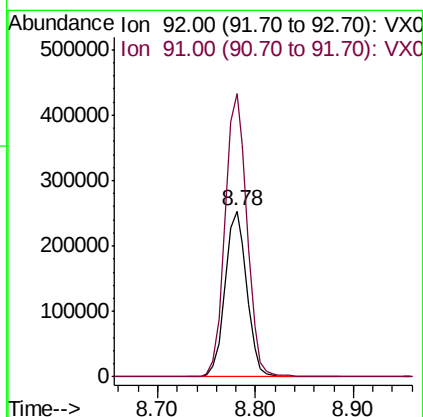
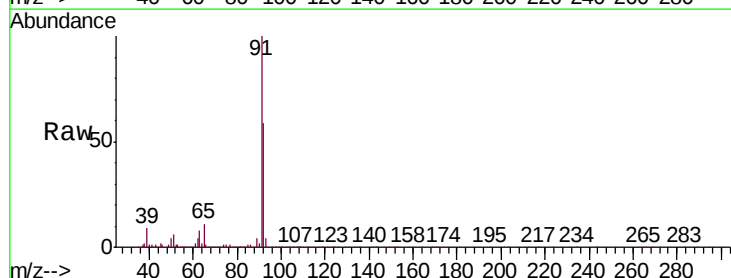
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

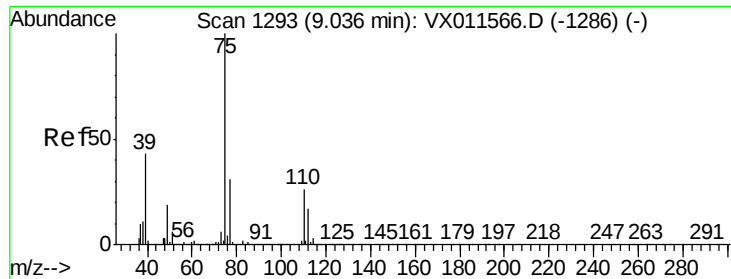
Tgt Ion: 43 Resp: 1104539
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.8 47.6



#52
 Toluene
 Concen: 48.208 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion: 92 Resp: 389577
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.0 207.0

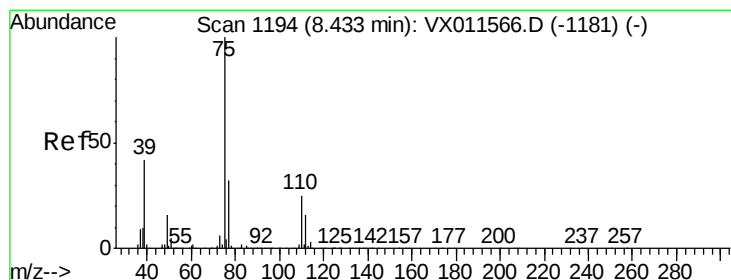
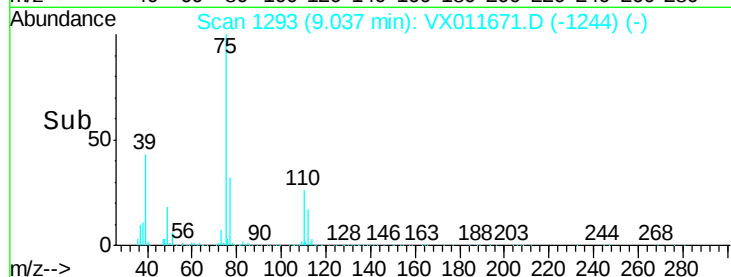
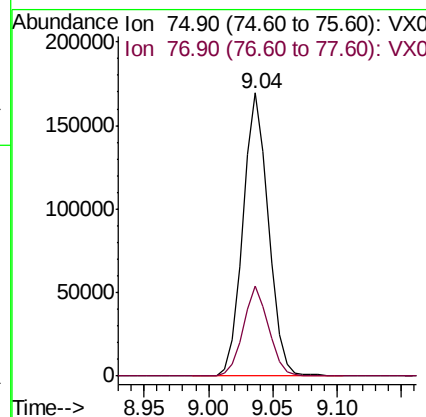
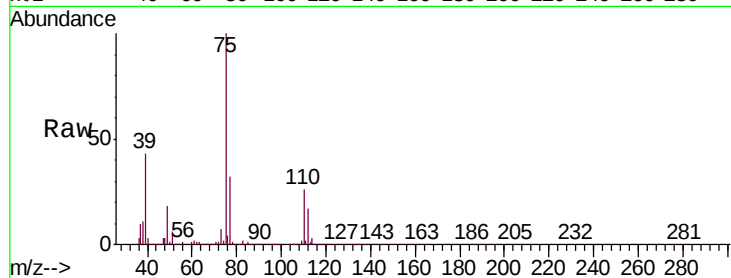




#53
t-1,3-Dichloropropene
Concen: 52.909 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

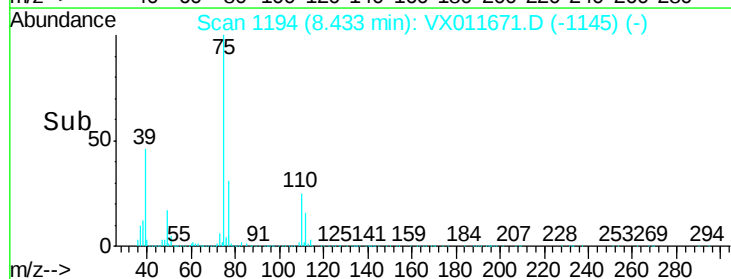
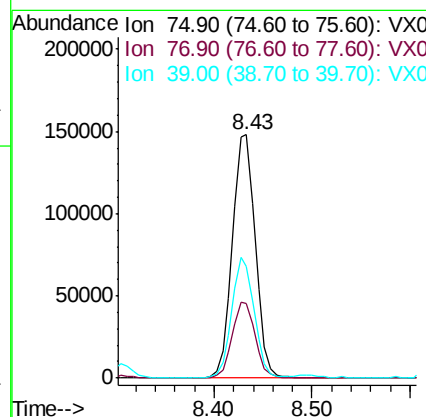
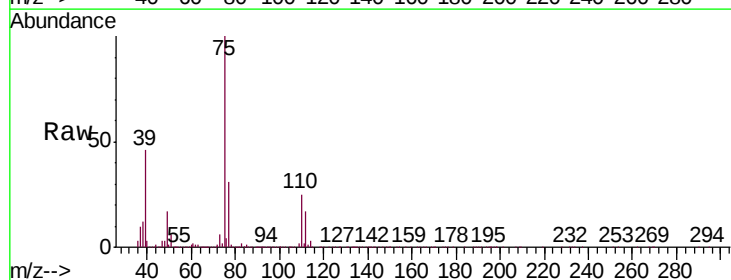
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

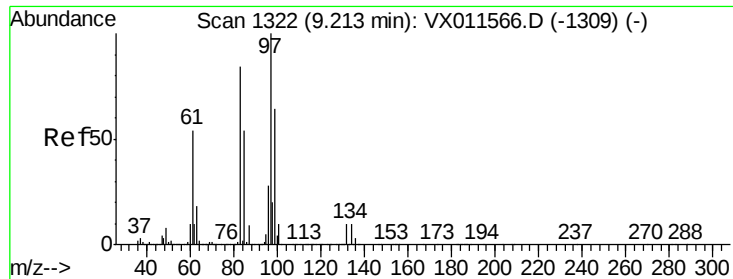
Tgt Ion: 75 Resp: 231776
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.499 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 75 Resp: 242092
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 46.0 33.6 50.4

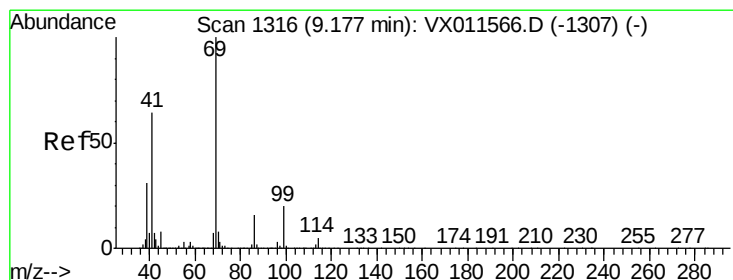
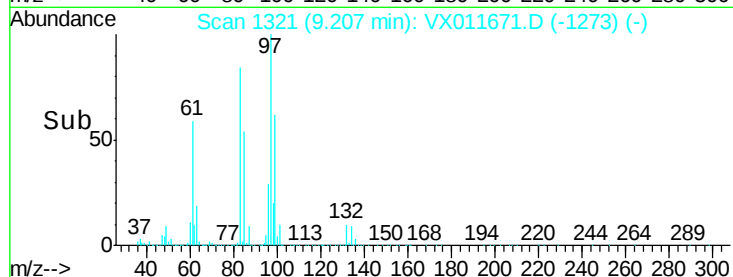
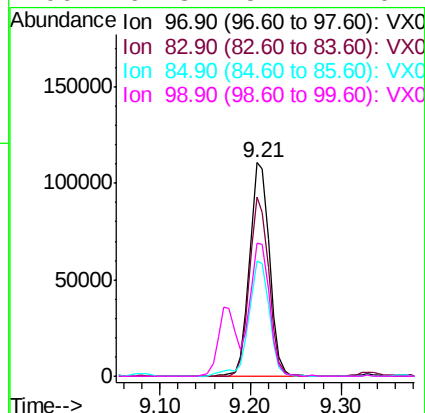
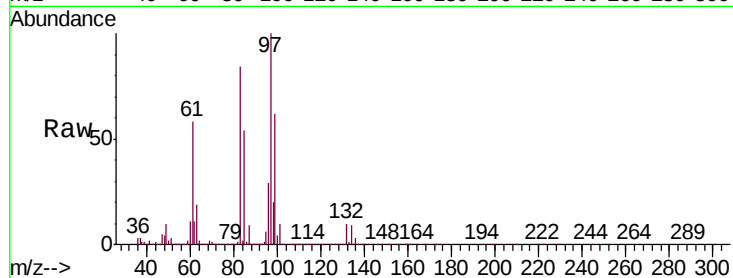




#55
 1,1,2-Trichloroethane
 Concen: 49.053 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

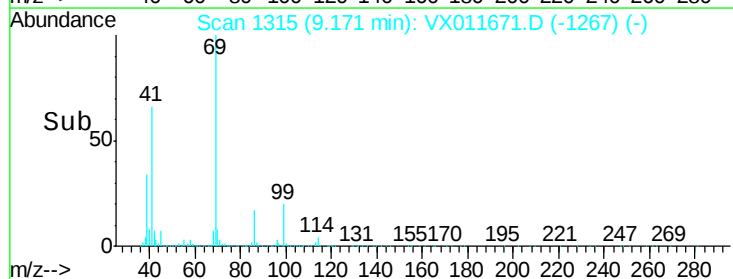
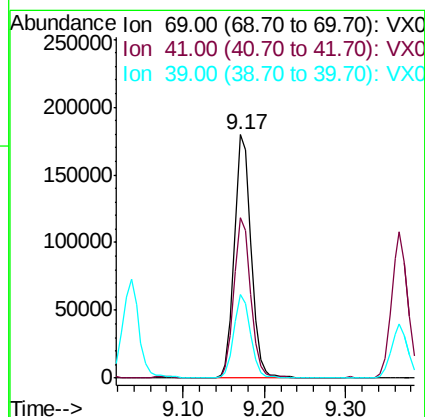
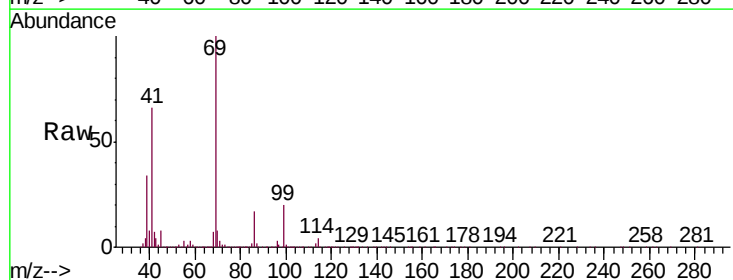
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

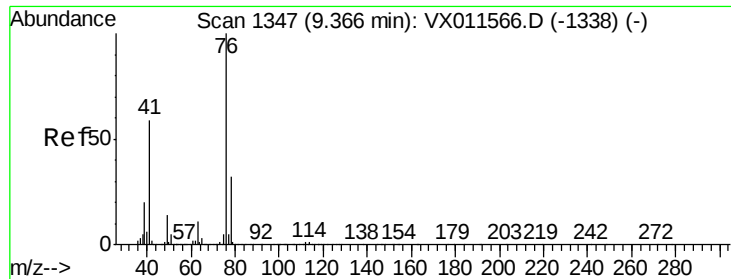
Tgt Ion:	97	Resp:	168571
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.0
85	53.9	43.4	65.2
99	62.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 50.347 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion:	69	Resp:	251471
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	33.9	25.4	38.0





#57

1,3-Dichloropropane

Concen: 47.946 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

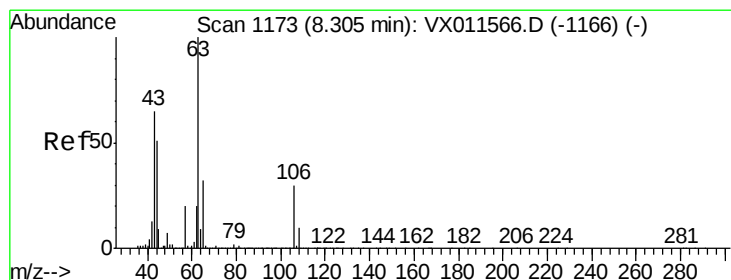
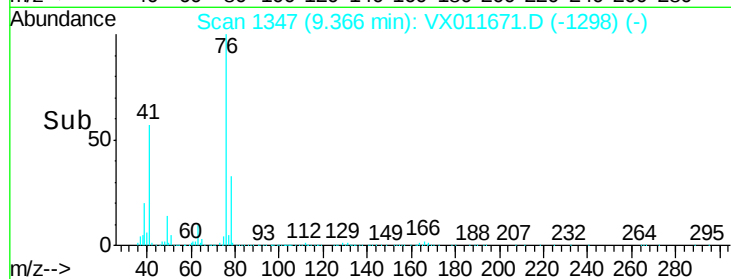
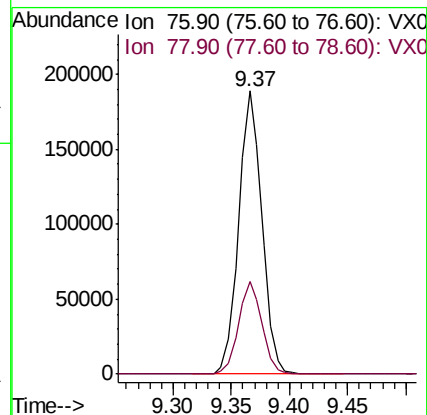
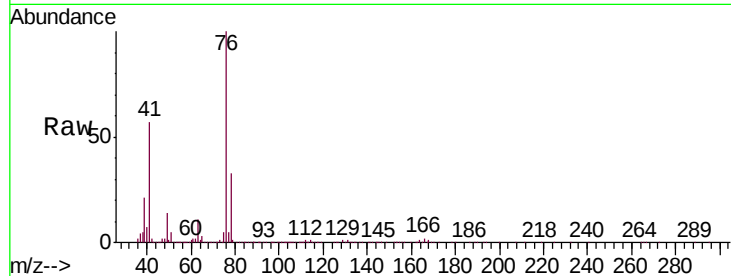
VSTDCCC050

Tgt Ion: 76 Resp: 261910

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 231.518 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011671.D

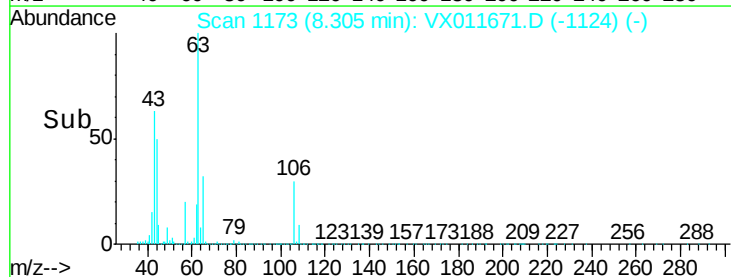
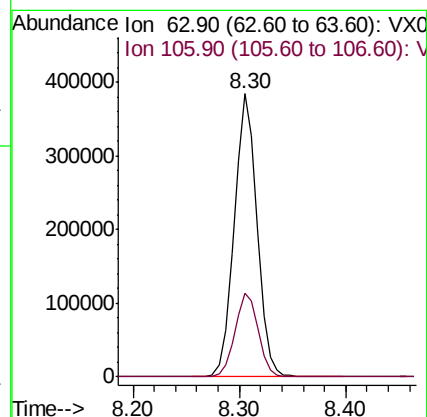
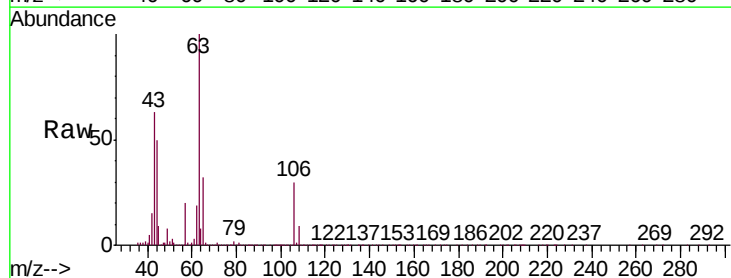
Acq: 20 Aug 2019 09:35

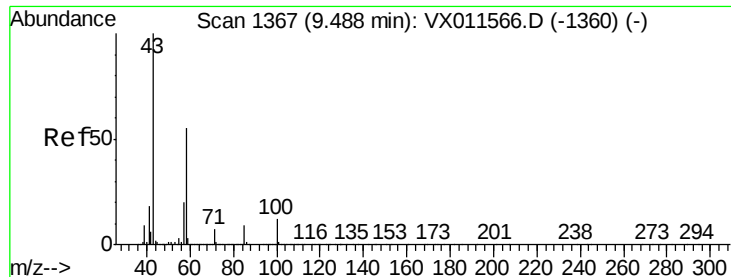
Tgt Ion: 63 Resp: 576182

Ion Ratio Lower Upper

63 100

106 30.3 24.7 37.1

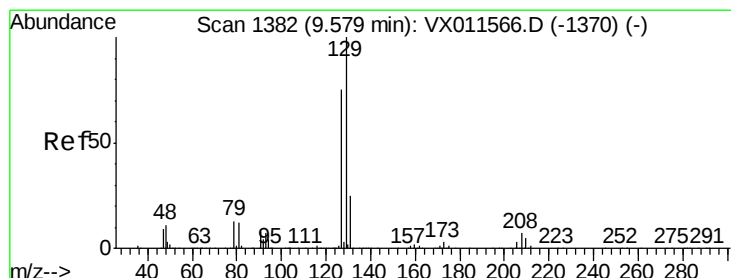
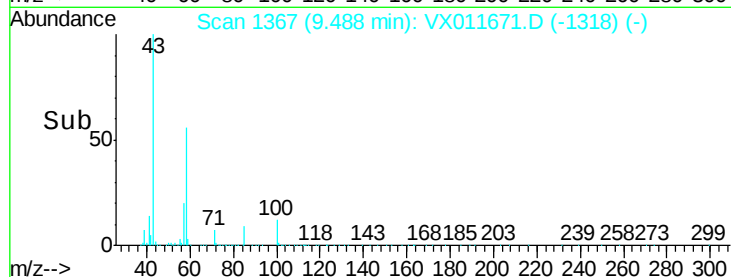
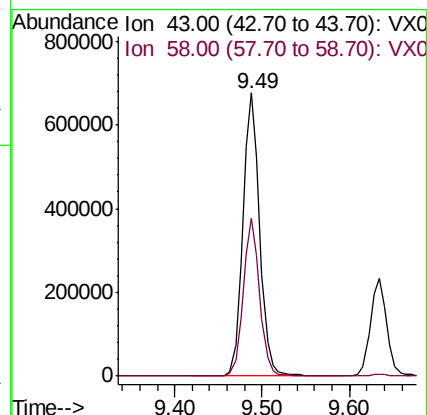
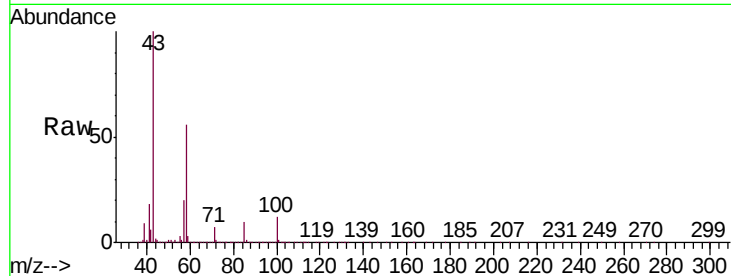




#59
2-Hexanone
Concen: 246.752 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

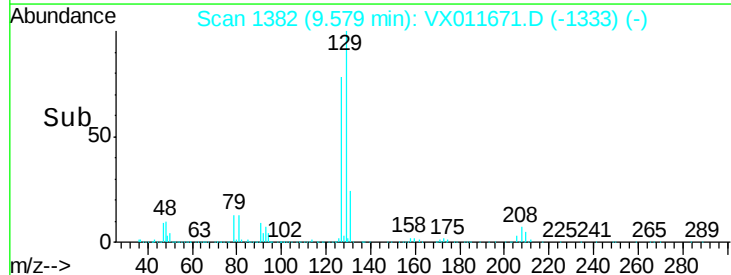
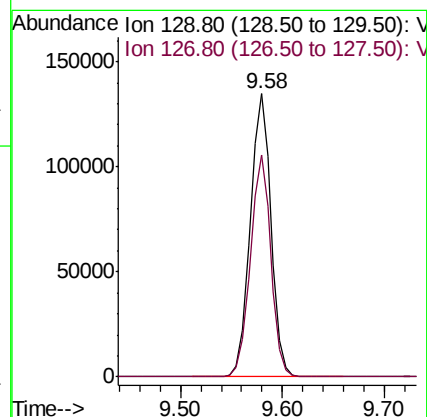
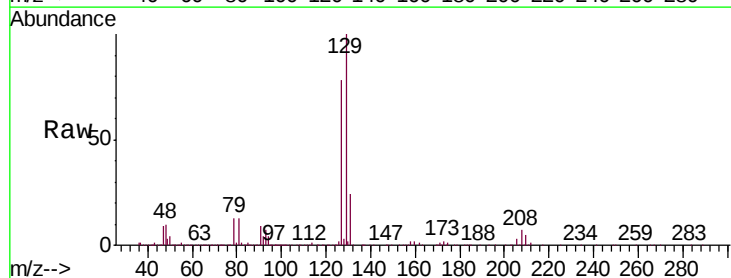
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

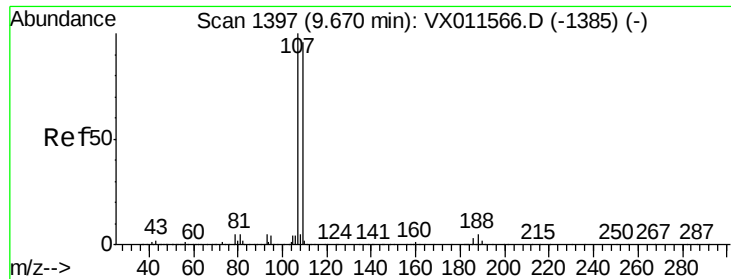
Tgt Ion: 43 Resp: 912550
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4



#60
Dibromochloromethane
Concen: 53.035 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 129 Resp: 189890
Ion Ratio Lower Upper
129 100
127 77.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 49.366 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

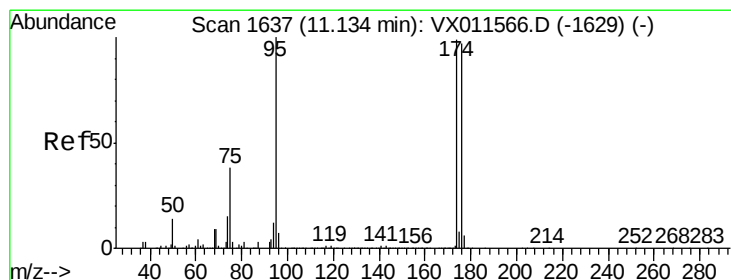
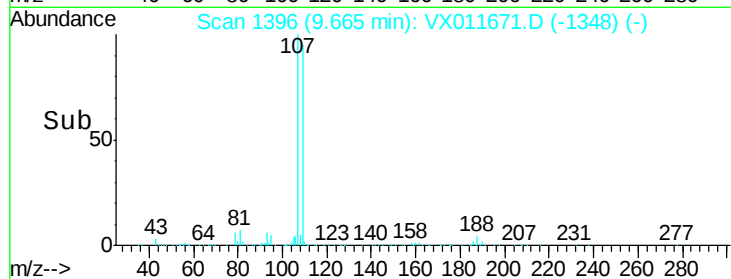
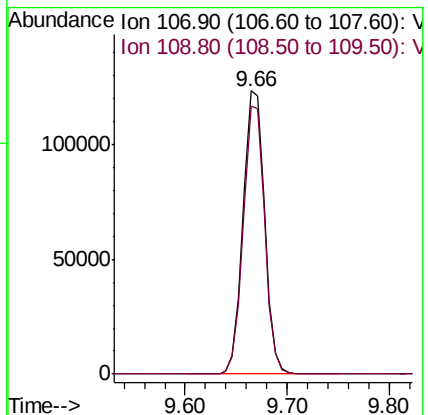
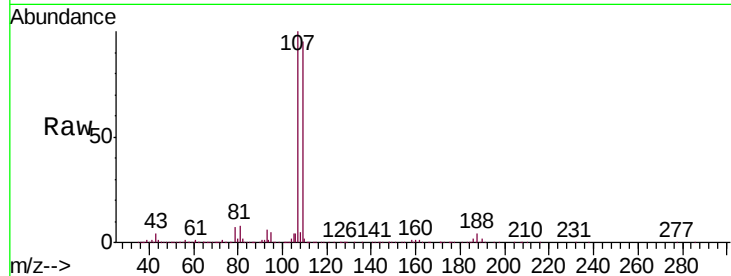
VSTDCCC050

Tgt Ion: 107 Resp: 181055

Ion Ratio Lower Upper

107 100

109 93.9 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 46.896 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

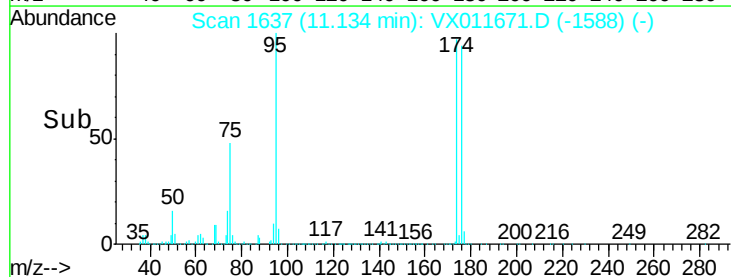
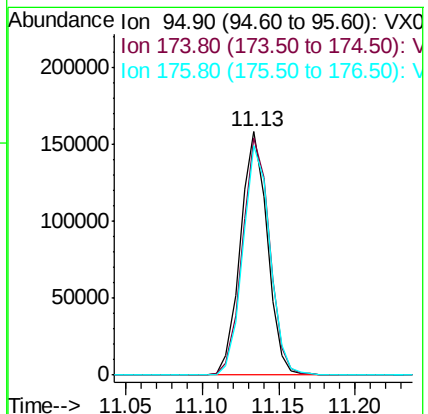
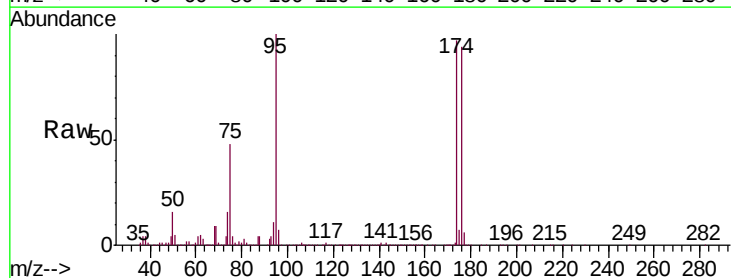
Tgt Ion: 95 Resp: 192587

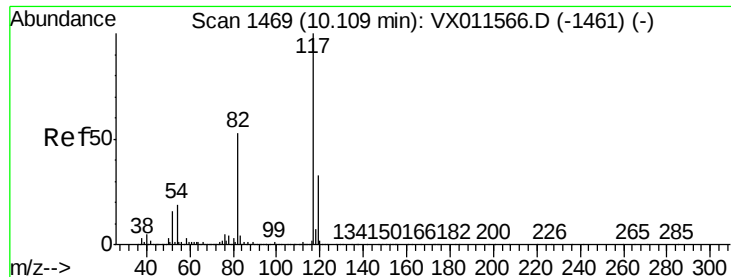
Ion Ratio Lower Upper

95 100

174 98.8 0.0 200.6

176 95.5 0.0 196.6

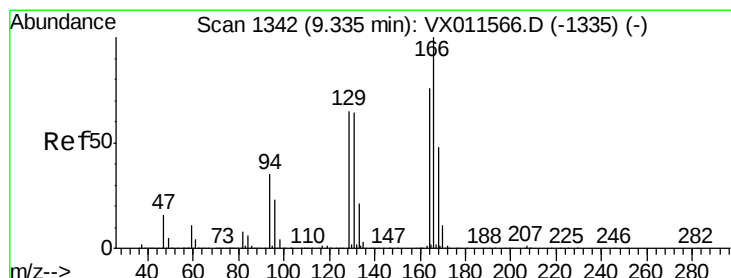
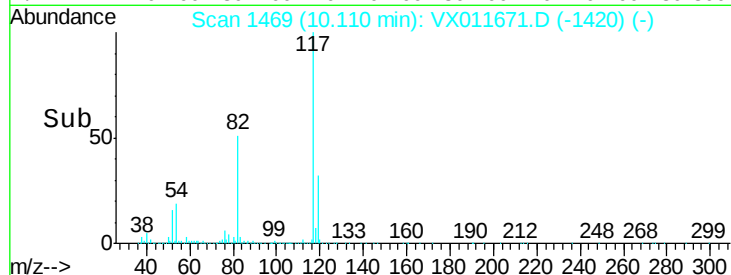
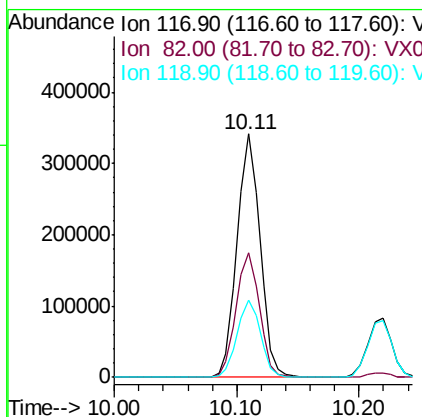
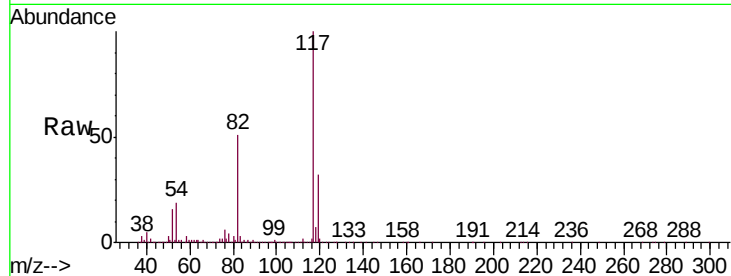




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

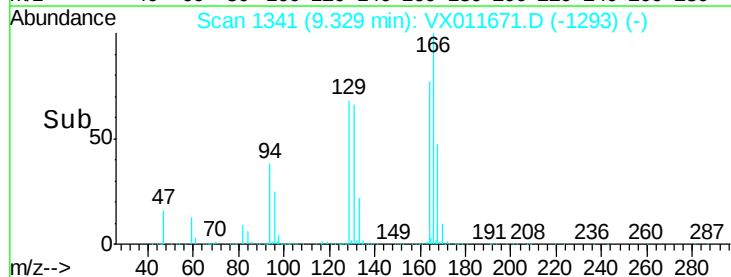
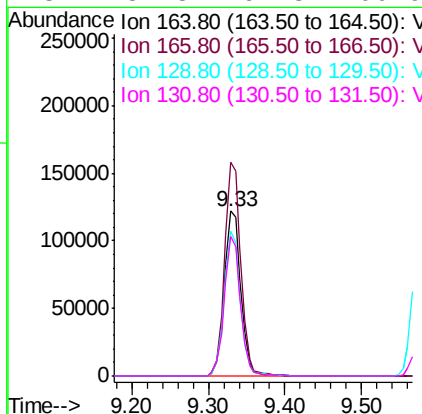
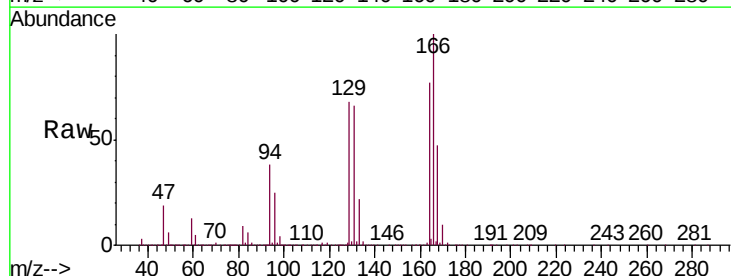
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

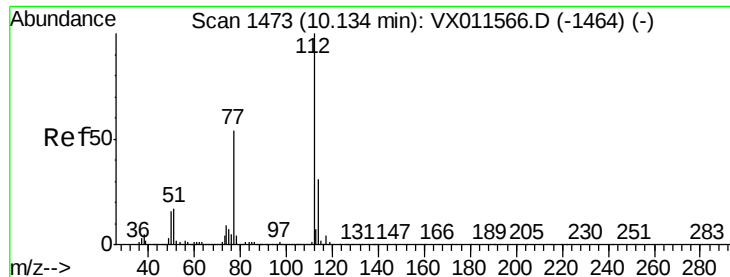
Tgt Ion:117 Resp: 443483
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 49.853 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion:164 Resp: 181400
Ion Ratio Lower Upper
164 100
166 129.6 104.7 157.1
129 88.0 68.2 102.4
131 84.8 67.3 100.9

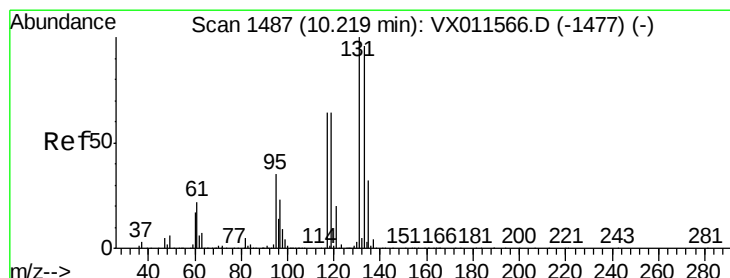
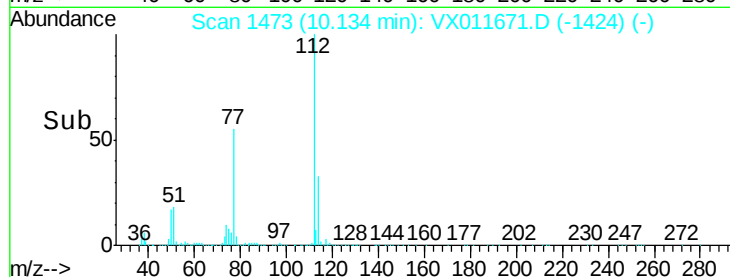
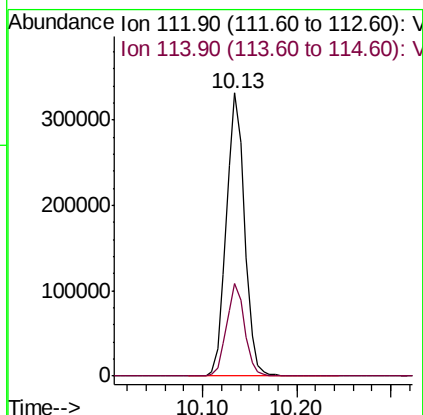
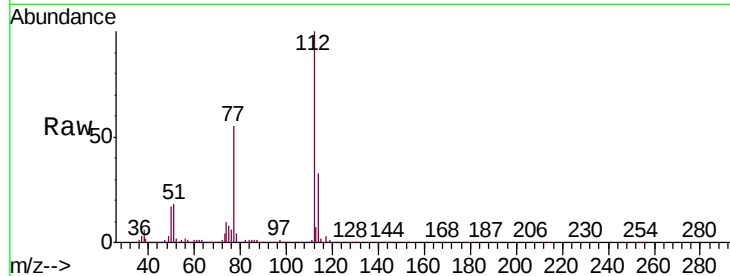




#65
Chlorobenzene
Concen: 47.303 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

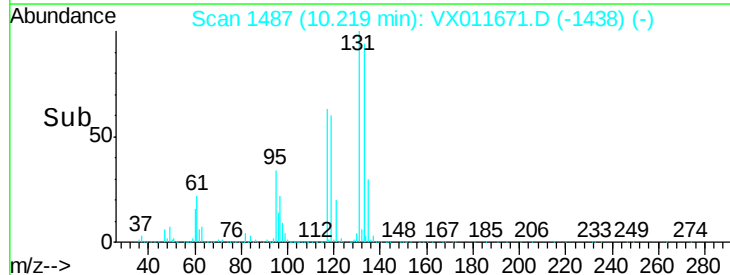
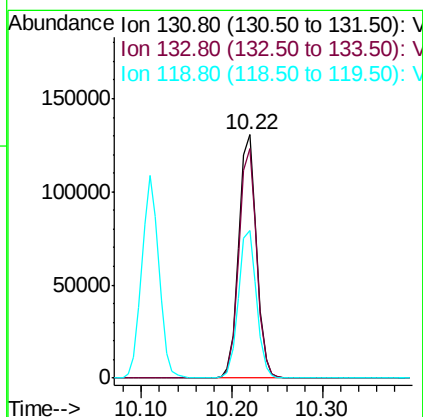
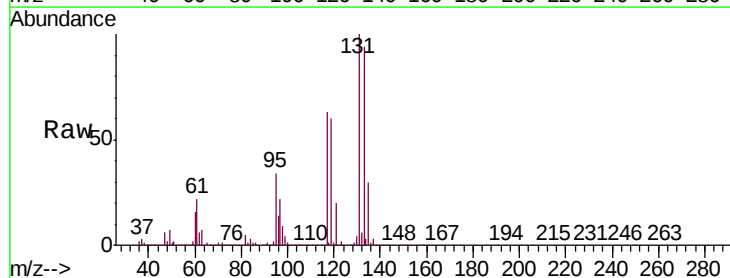
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

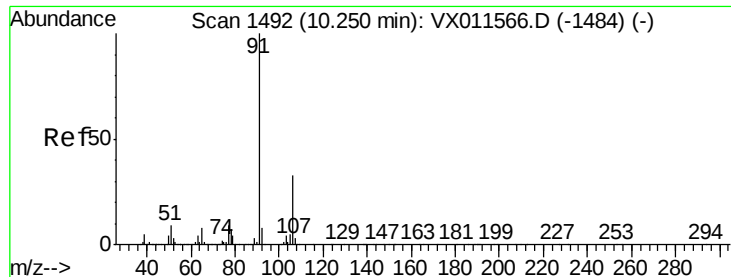
Tgt Ion:112 Resp: 447441
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.206 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion:131 Resp: 177504
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.4
119 61.7 31.3 93.8





#67

Ethyl Benzene

Concen: 48.745 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

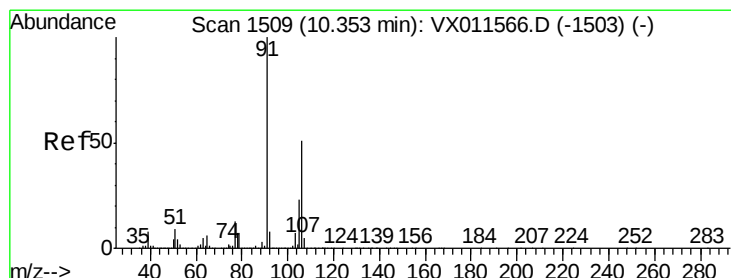
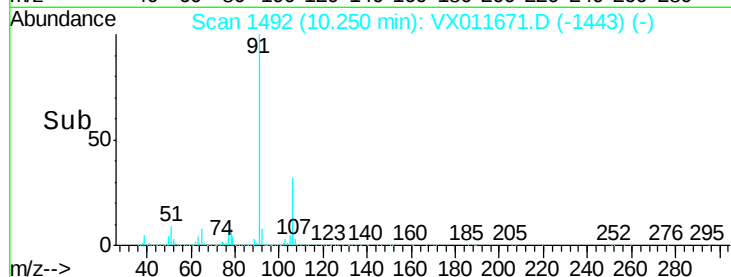
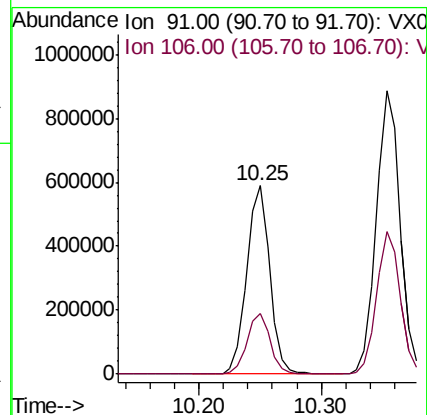
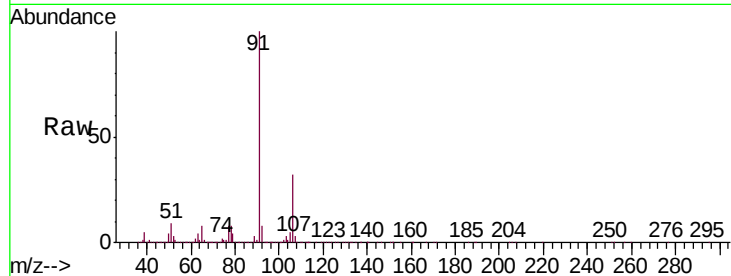
VSTDCCC050

Tgt Ion: 91 Resp: 769504

Ion Ratio Lower Upper

91 100

106 32.3 26.0 39.0



#68

m/p-Xylenes

Concen: 99.614 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011671.D

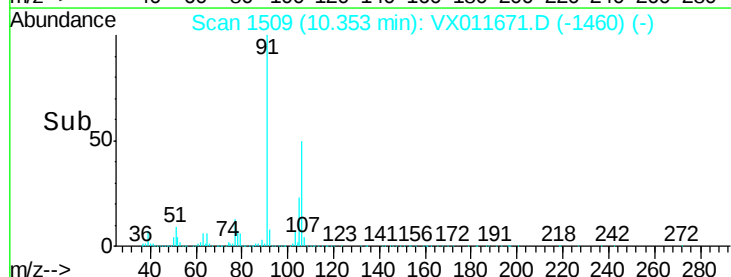
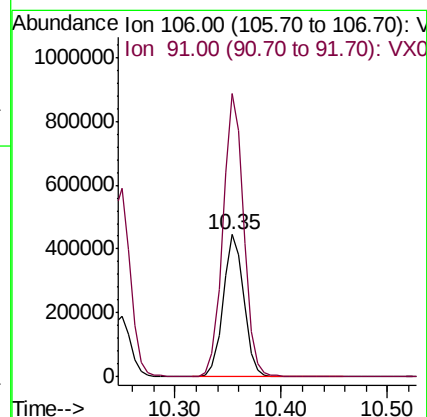
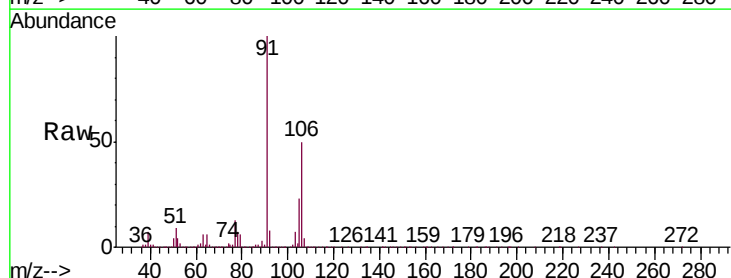
Acq: 20 Aug 2019 09:35

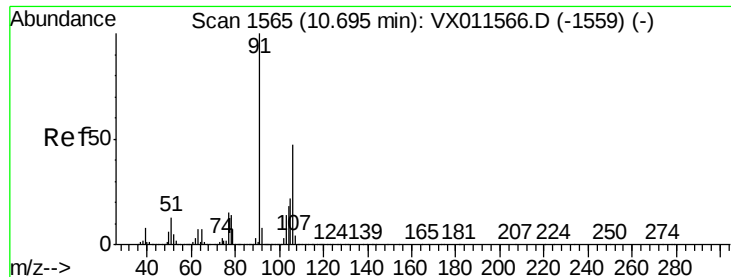
Tgt Ion: 106 Resp: 603624

Ion Ratio Lower Upper

106 100

91 198.9 156.0 234.0

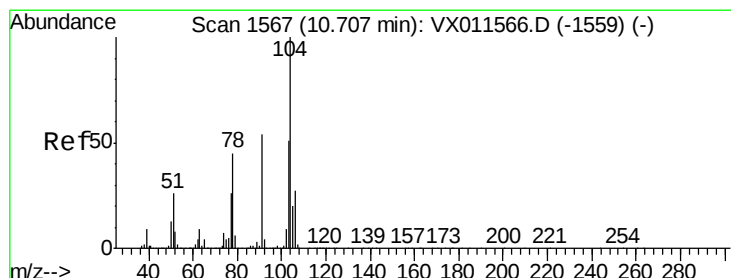
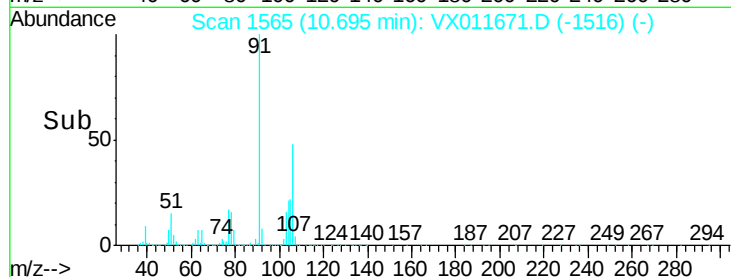
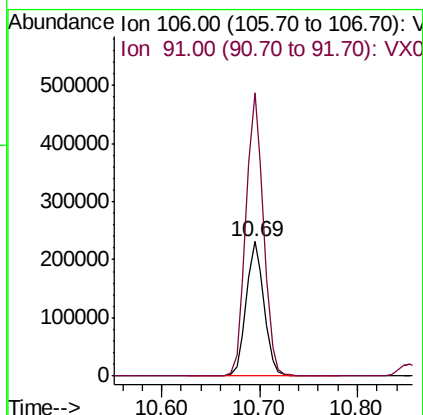
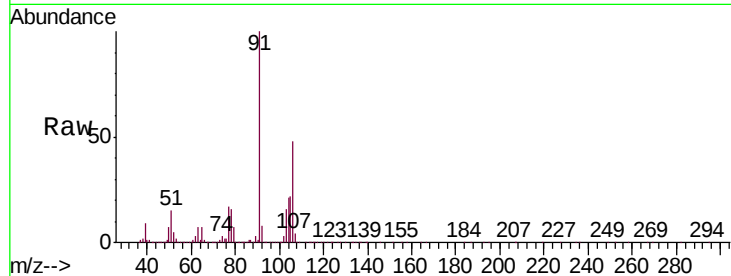




#69
o-Xylene
Concen: 49.247 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

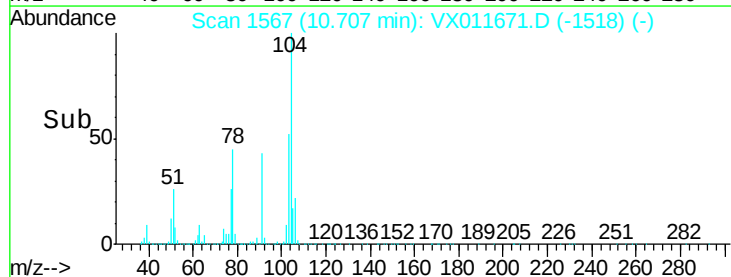
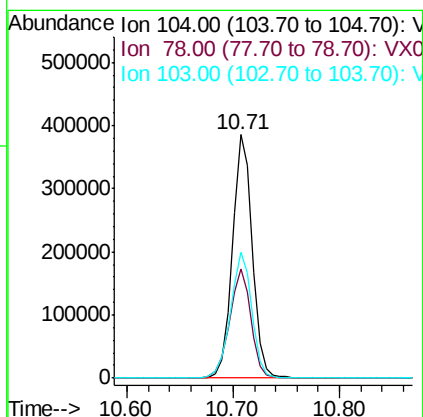
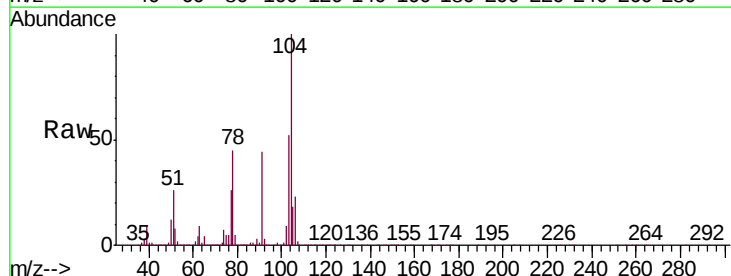
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

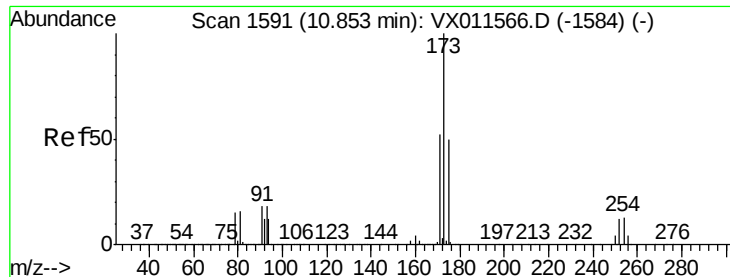
Tgt Ion:106 Resp: 292313
Ion Ratio Lower Upper
106 100
91 207.9 105.5 316.4



#70
Styrene
Concen: 50.340 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion:104 Resp: 503007
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 44.295 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

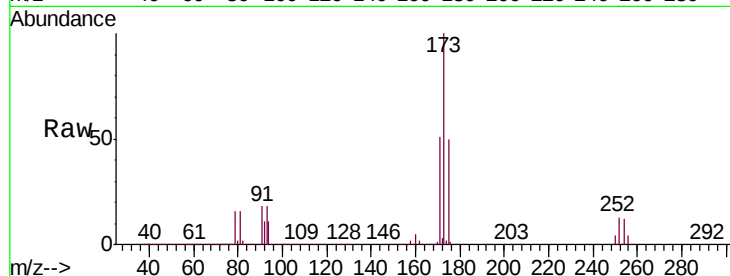
Tgt Ion:173 Resp: 150801

Ion Ratio Lower Upper

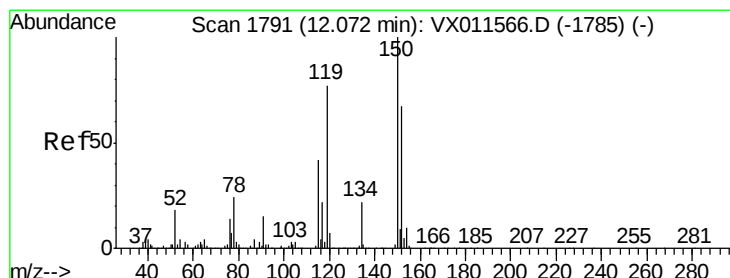
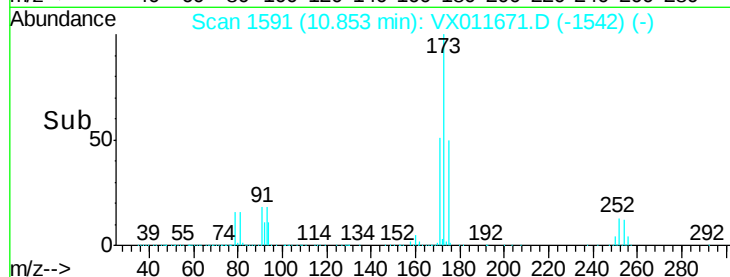
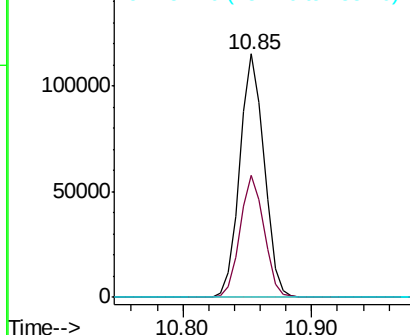
173 100

175 49.6 24.9 74.7

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

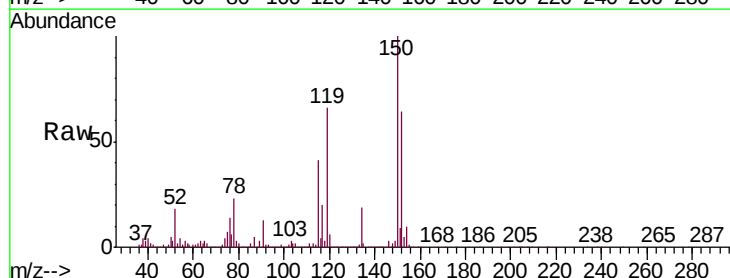
Tgt Ion:152 Resp: 246897

Ion Ratio Lower Upper

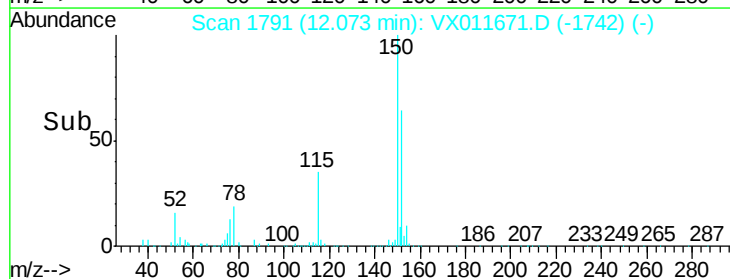
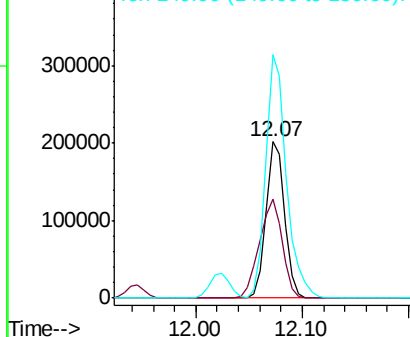
152 100

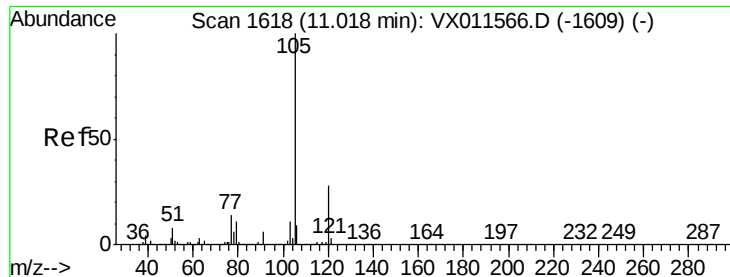
115 77.6 37.3 111.9

150 173.2 0.0 346.2



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





#73

Isopropylbenzene

Concen: 49.756 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

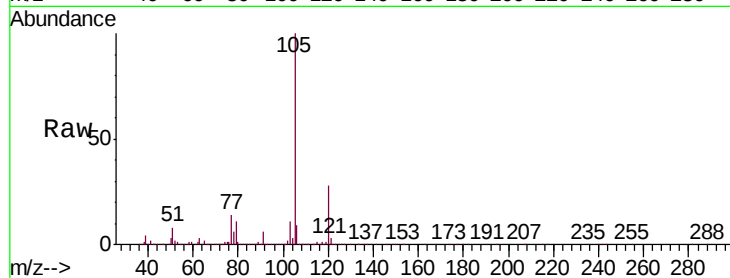
VSTDCCC050

Tgt Ion:105 Resp: 797128

Ion Ratio Lower Upper

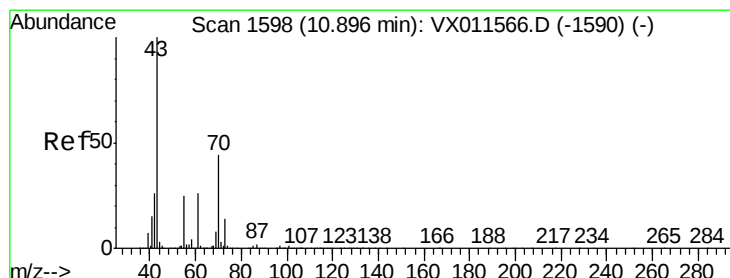
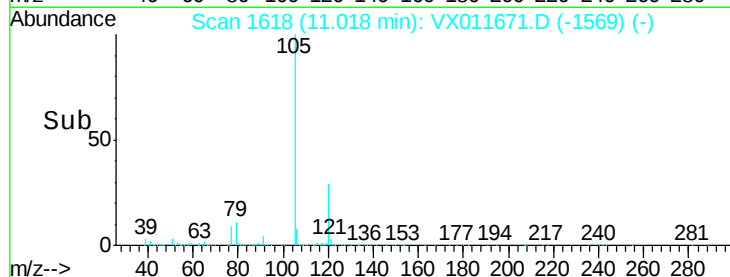
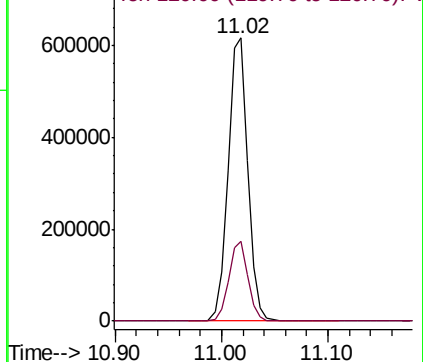
105 100

120 27.7 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.283 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion: 43 Resp: 315107

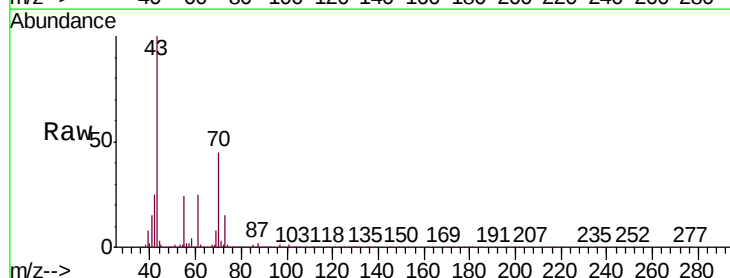
Ion Ratio Lower Upper

43 100

70 43.3 34.7 52.1

55 25.0 19.6 29.4

61 24.4 19.9 29.9

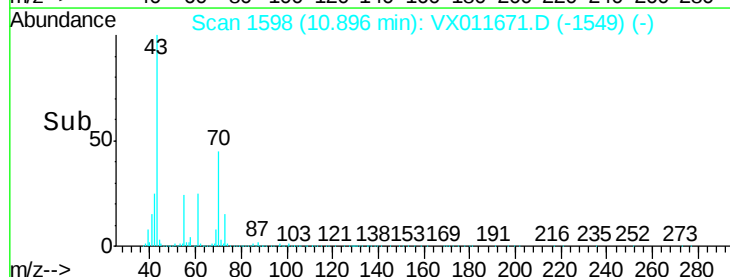
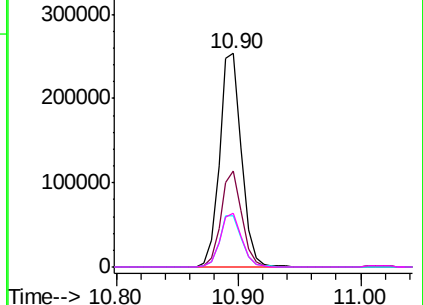


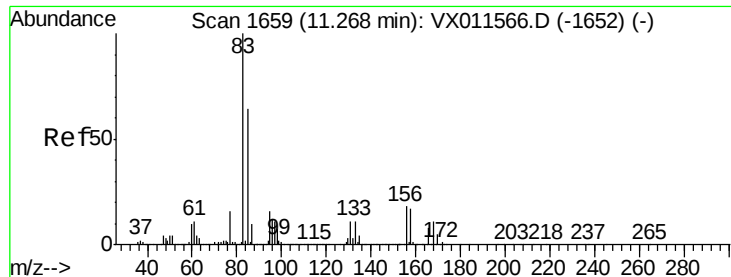
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.123 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

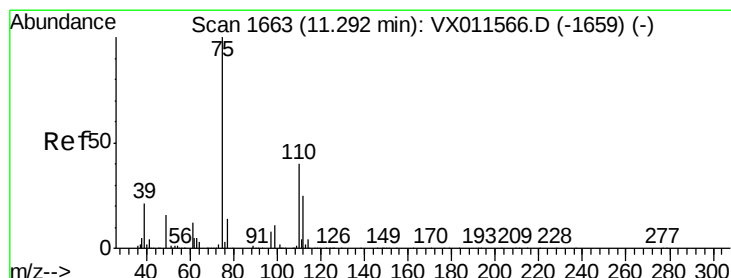
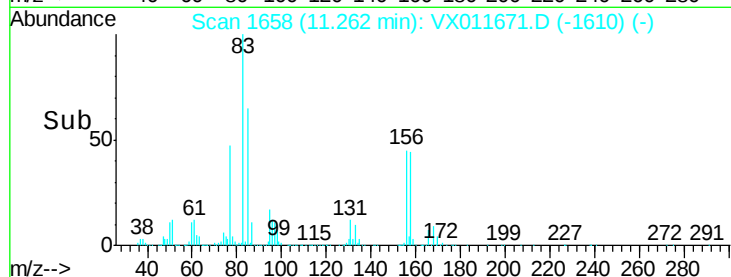
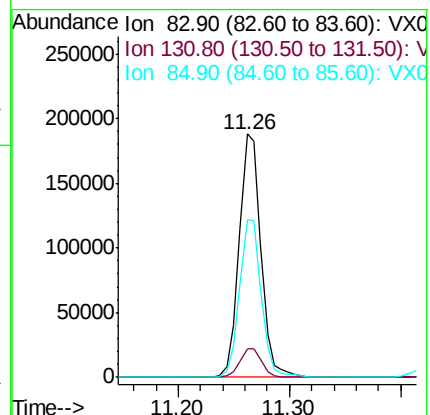
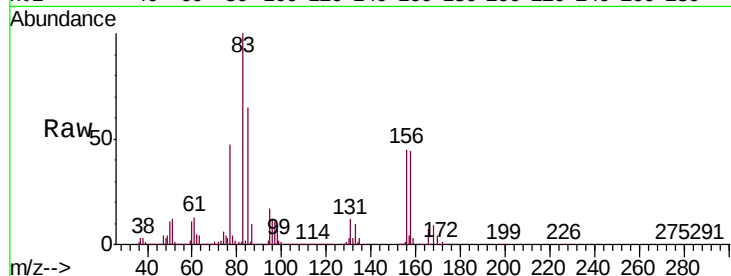
Tgt Ion: 83 Resp: 254191

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

85 64.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 61.180 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011671.D

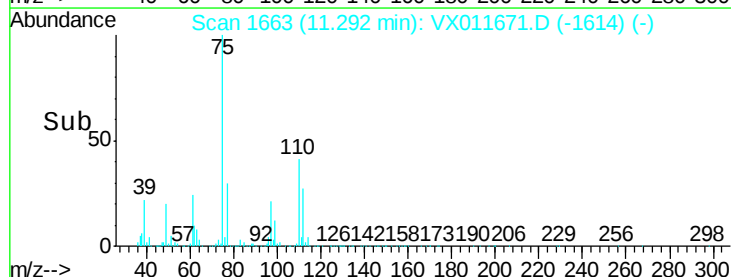
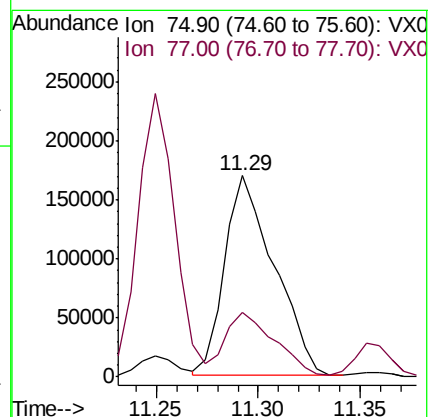
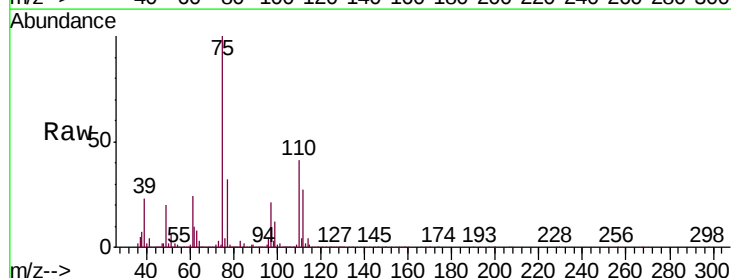
Acq: 20 Aug 2019 09:35

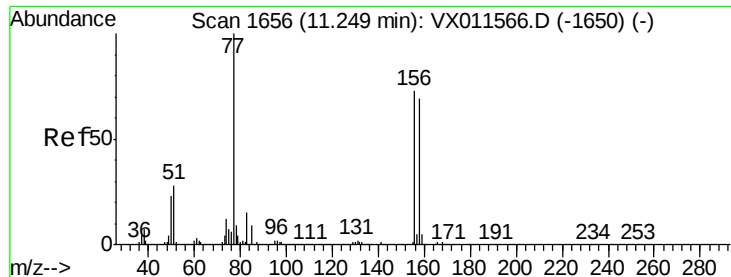
Tgt Ion: 75 Resp: 286431

Ion Ratio Lower Upper

75 100

77 32.5 20.9 62.8





#77

Bromobenzene

Concen: 47.282 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

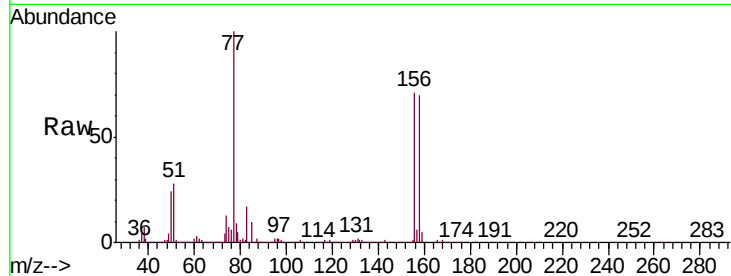
Tgt Ion:156 Resp: 225367

Ion Ratio Lower Upper

156 100

77 133.2 64.6 193.9

158 98.3 48.4 145.3



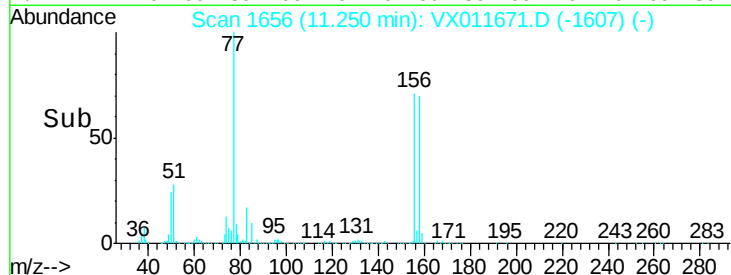
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

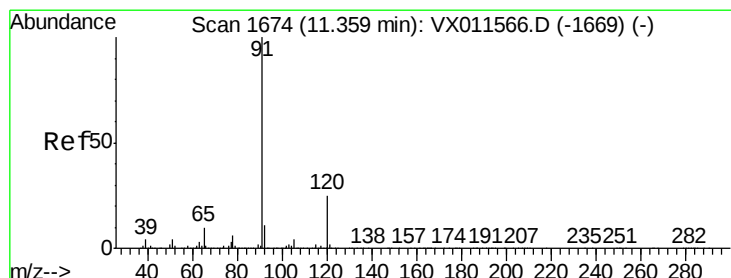
Time-->

11.20 11.25 11.30



Time-->

11.20 11.25 11.30



#78

n-propylbenzene

Concen: 51.223 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011671.D

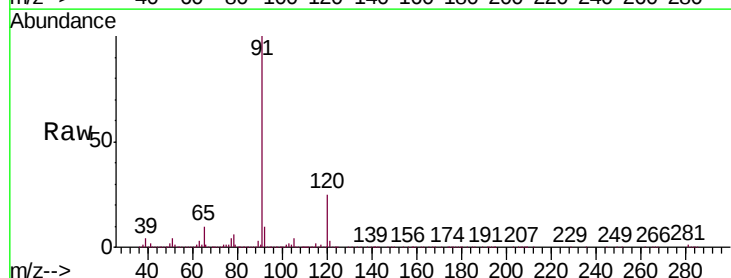
Acq: 20 Aug 2019 09:35

Tgt Ion: 91 Resp: 884890

Ion Ratio Lower Upper

91 100

120 25.1 12.6 37.6

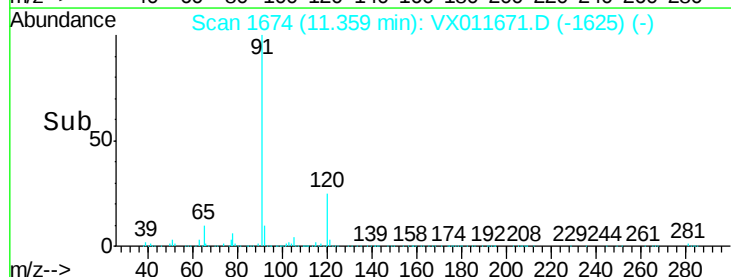


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

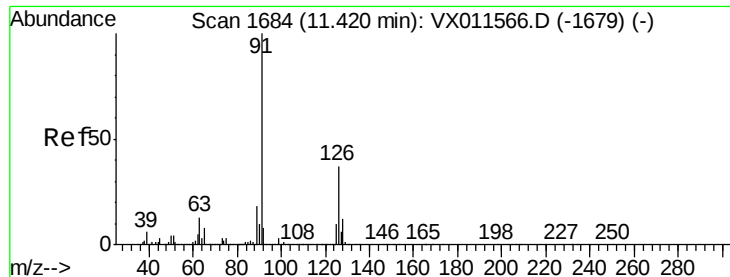
Time-->

11.30 11.35 11.40



Time-->

11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 49.459 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

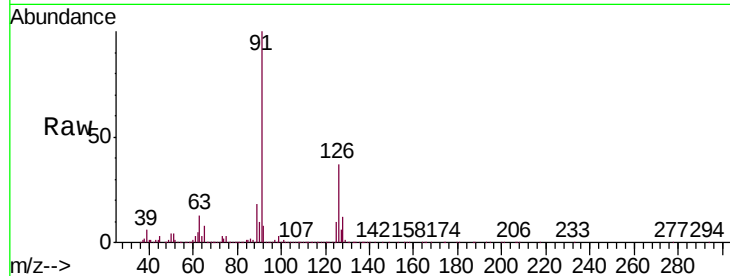
VSTDCCC050

Tgt Ion: 91 Resp: 524651

Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011566.D (-1679) (-)

800000

600000

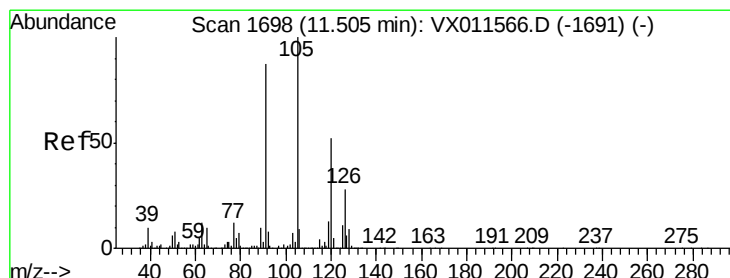
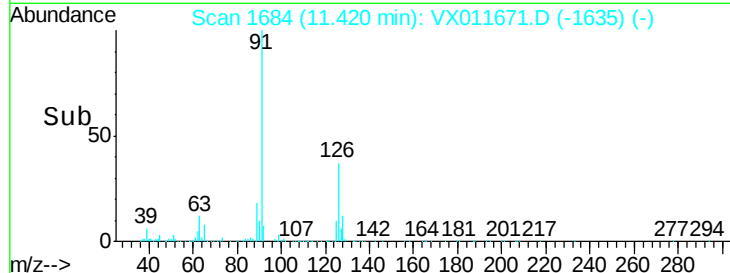
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.084 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011671.D

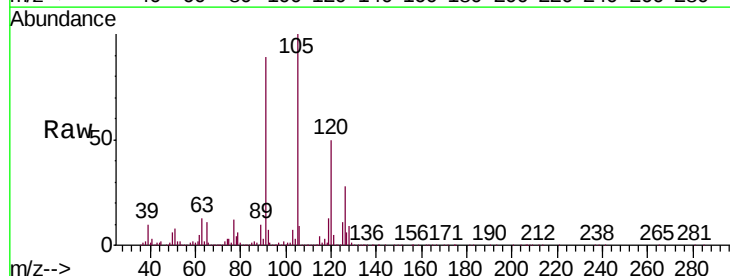
Acq: 20 Aug 2019 09:35

Tgt Ion: 105 Resp: 687494

Ion Ratio Lower Upper

105 100

120 49.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1691) (-)

600000

500000

400000

300000

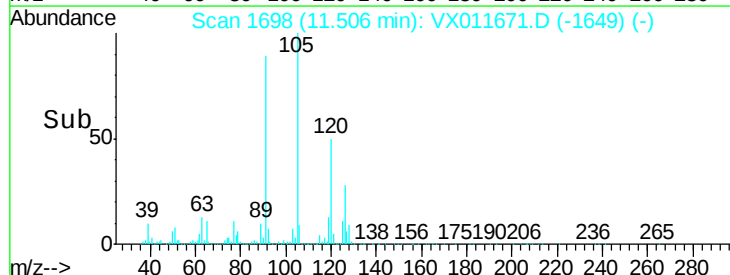
200000

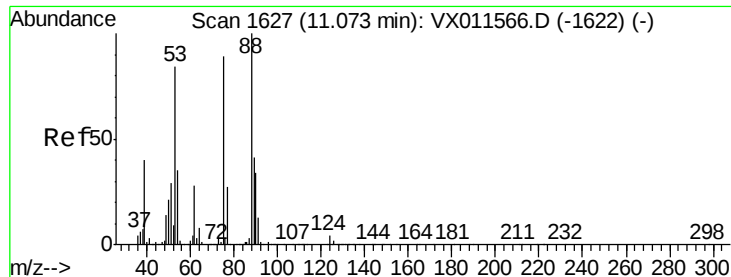
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.017 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

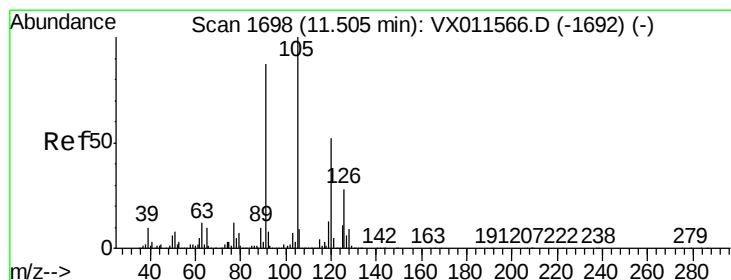
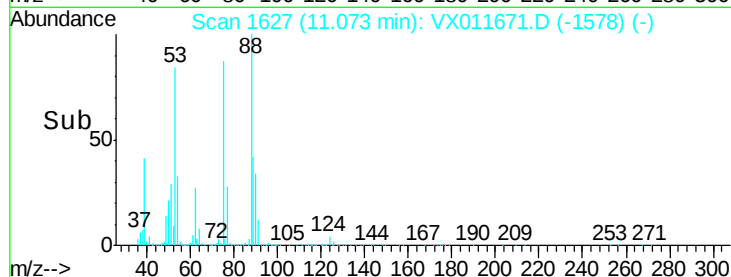
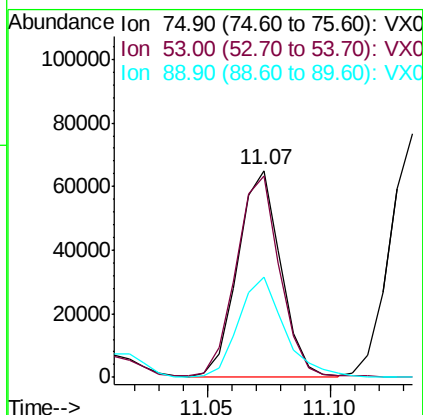
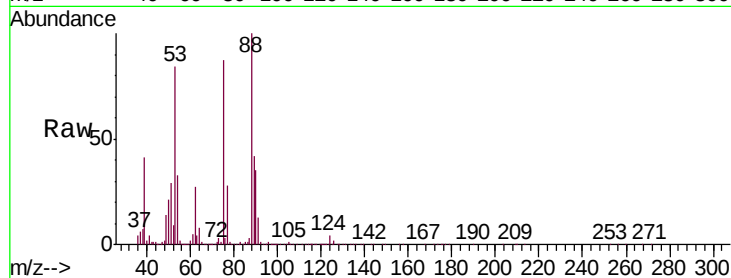
Tgt Ion: 75 Resp: 78851

Ion Ratio Lower Upper

75 100

53 99.7 77.4 116.0

89 52.3 37.3 55.9



#82

4-Chlorotoluene

Concen: 50.456 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011671.D

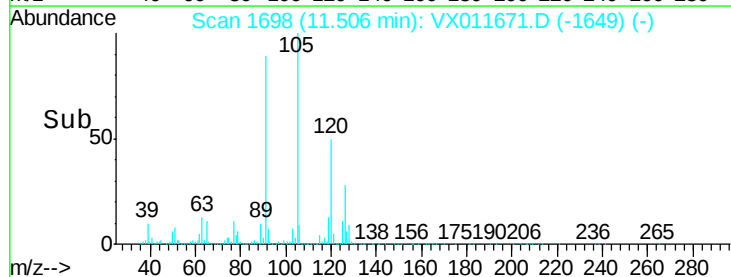
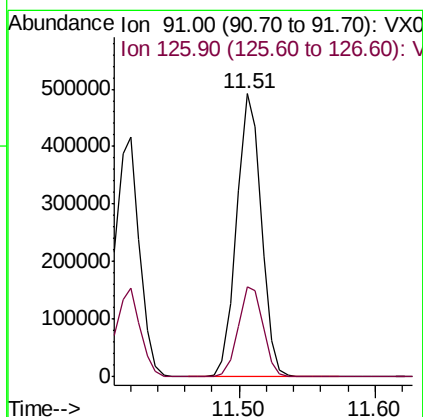
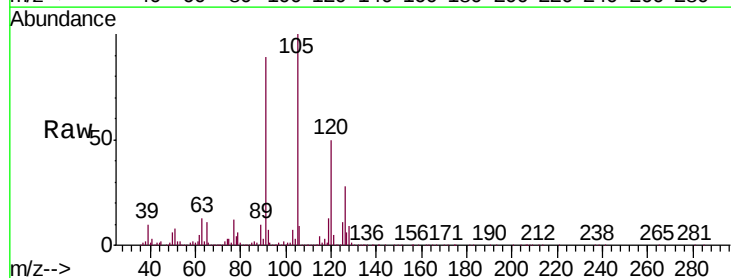
Acq: 20 Aug 2019 09:35

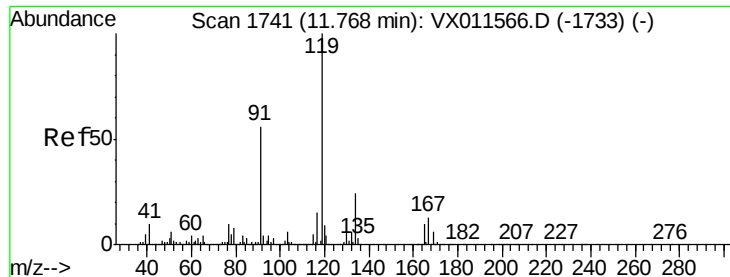
Tgt Ion: 91 Resp: 620951

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1

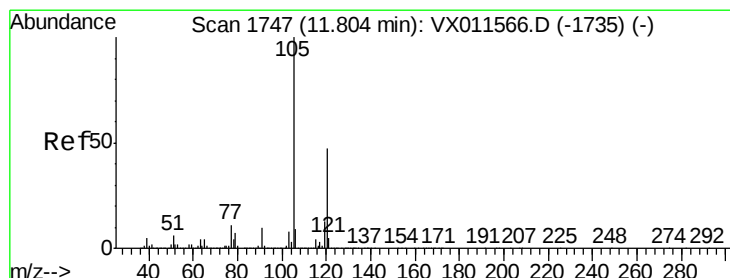
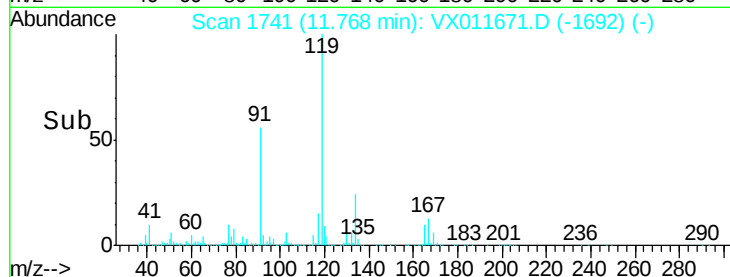
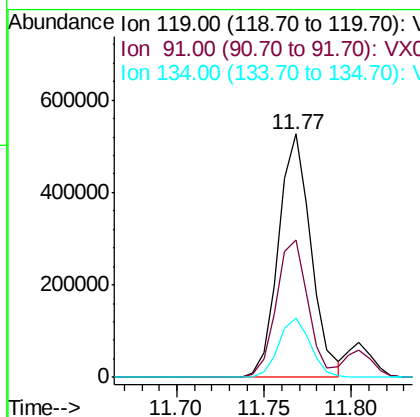
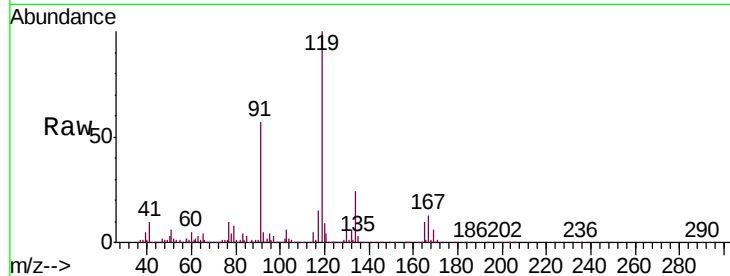




#83
tert-Butylbenzene
Concen: 49.831 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

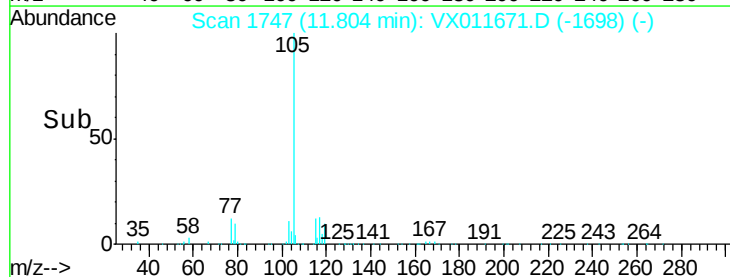
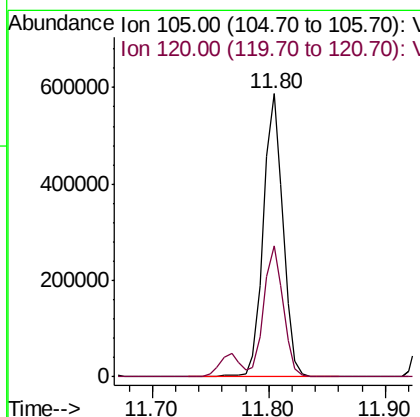
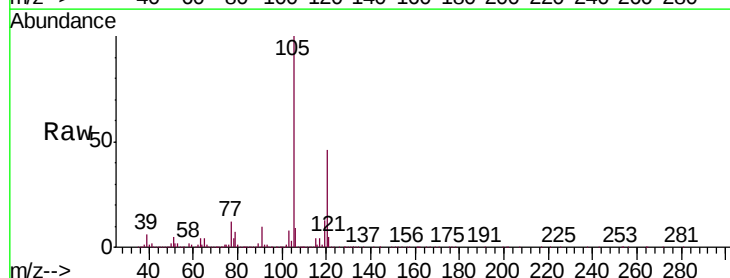
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

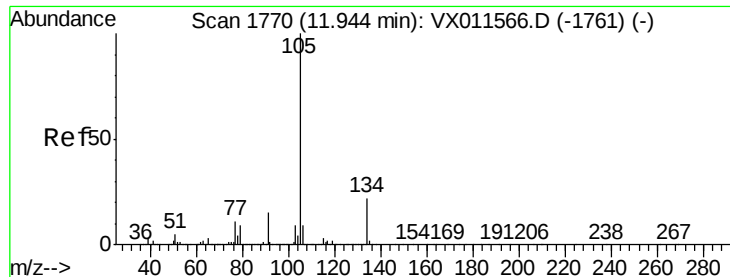
Tgt Ion:119 Resp: 683026
Ion Ratio Lower Upper
119 100
91 54.7 27.1 81.3
134 23.7 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 51.117 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion:105 Resp: 690634
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.9

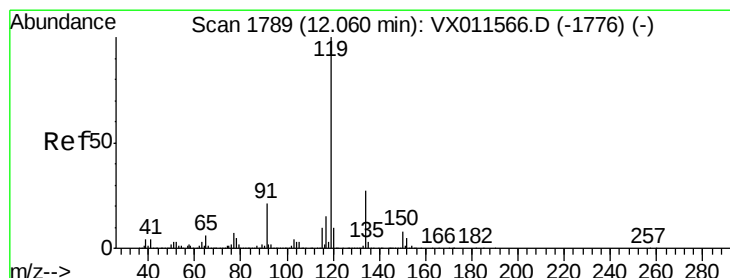
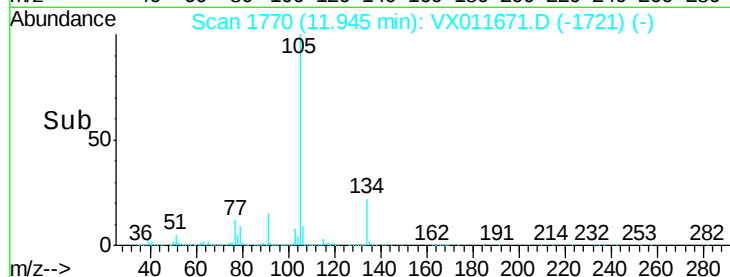
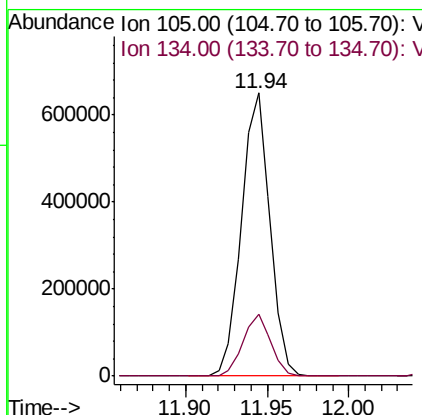
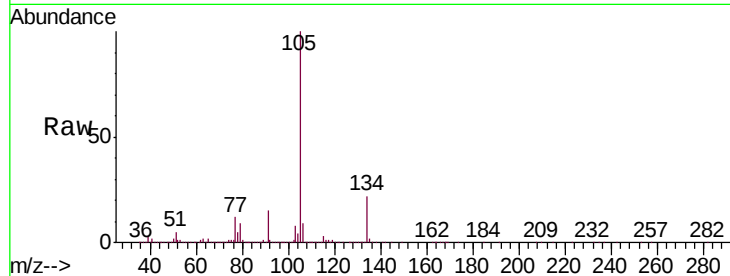




#85
 sec-Butylbenzene
 Concen: 50.911 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

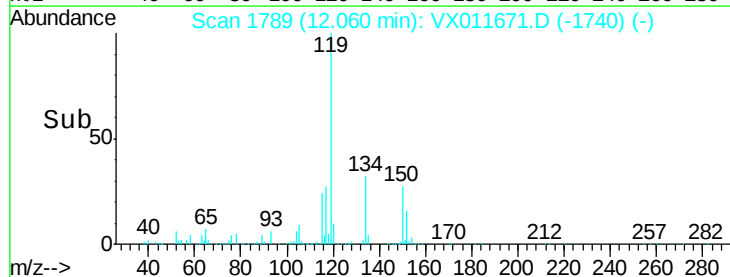
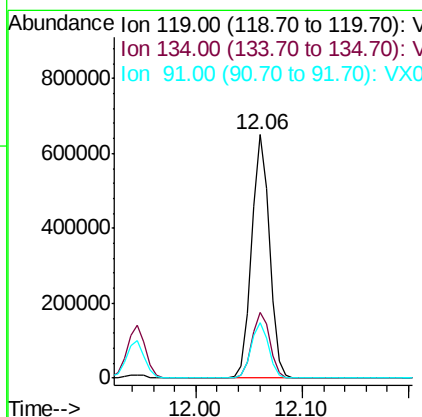
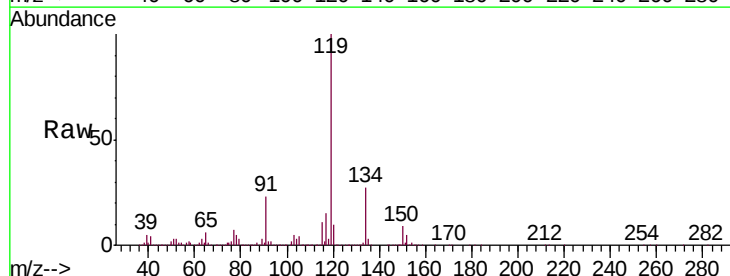
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

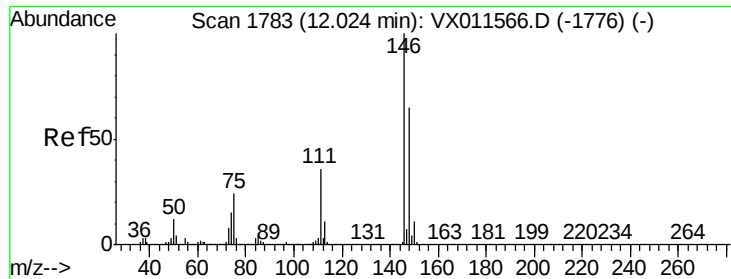
Tgt Ion:105 Resp: 787314
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 52.613 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion:119 Resp: 765446
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 22.5 10.9 32.9

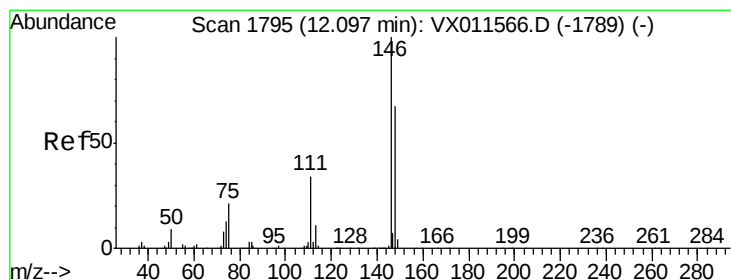
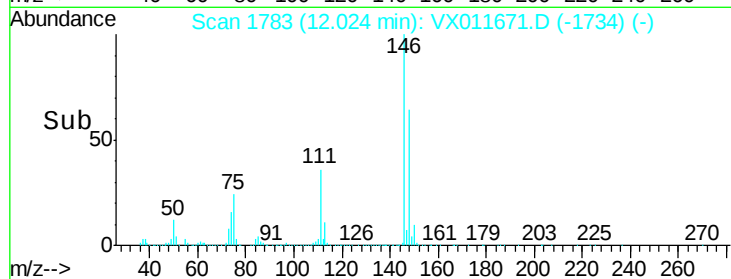
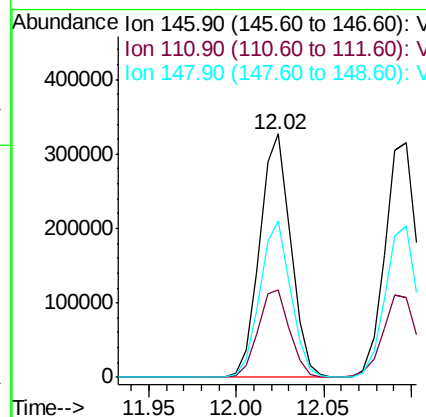
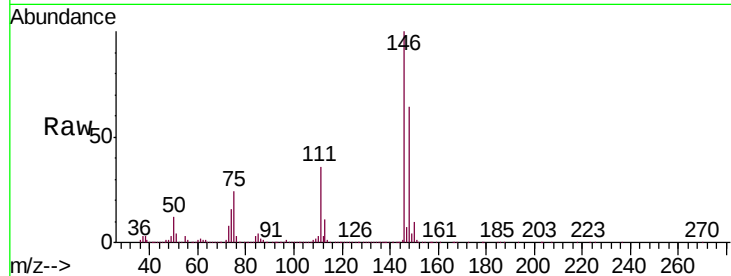




#87
 1,3-Dichlorobenzene
 Concen: 49.313 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

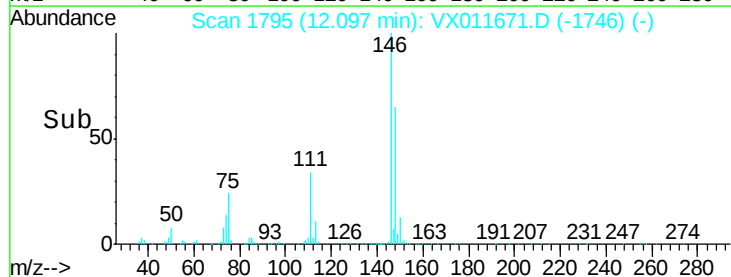
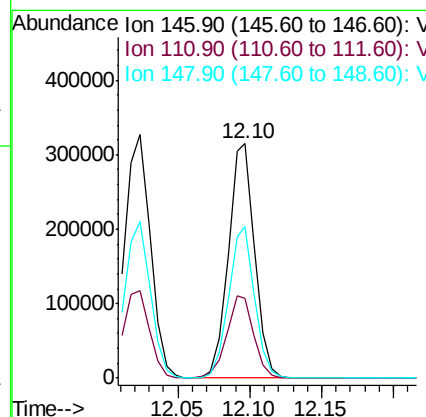
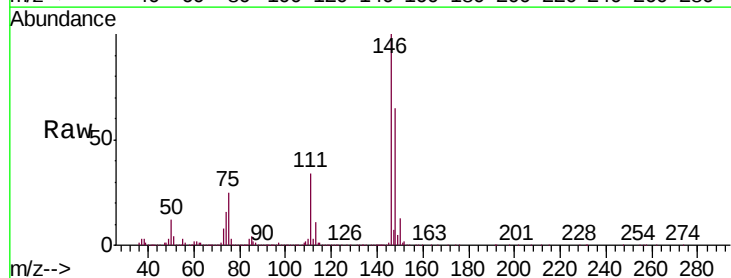
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

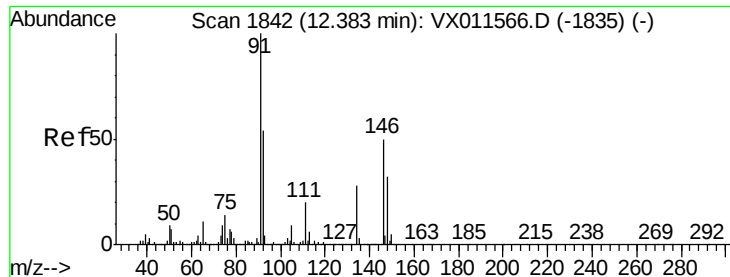
Tgt Ion:146 Resp: 404016
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.4
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.638 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion:146 Resp: 403876
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.9 53.7
 148 63.9 32.5 97.5

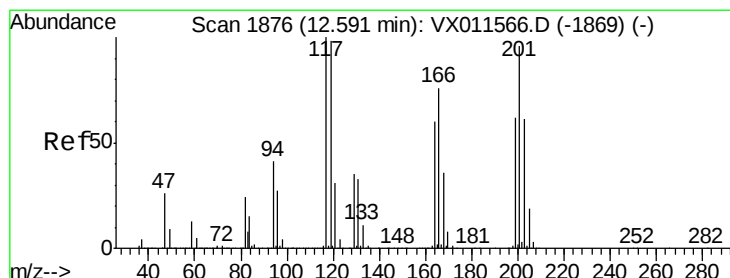
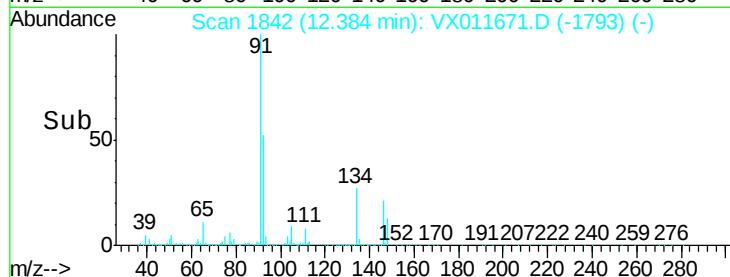
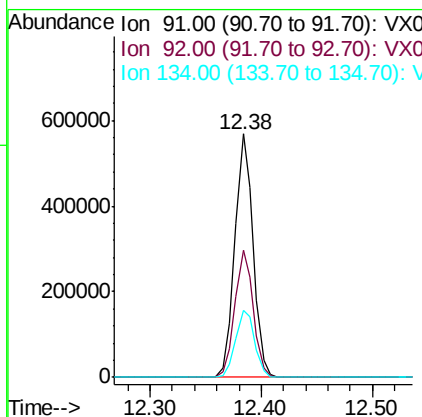
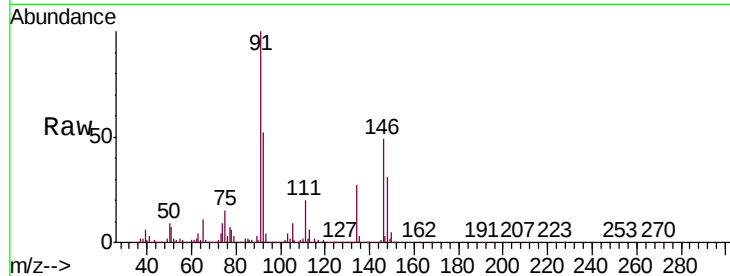




#89
n-Butylbenzene
Concen: 53.620 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

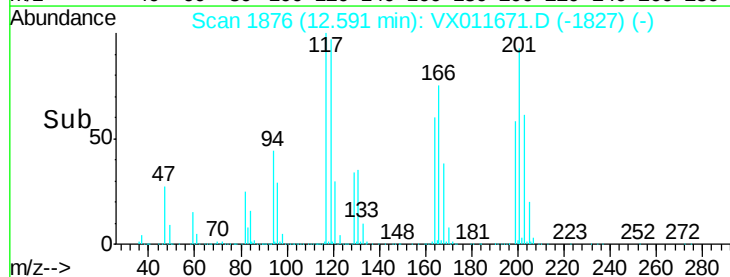
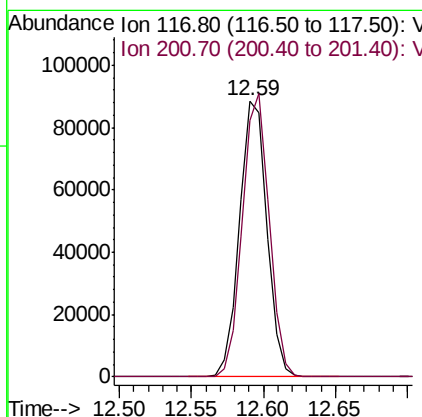
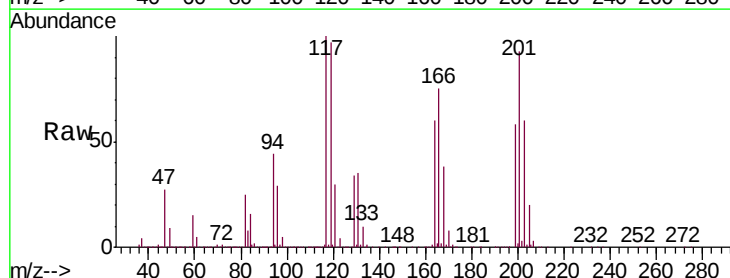
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

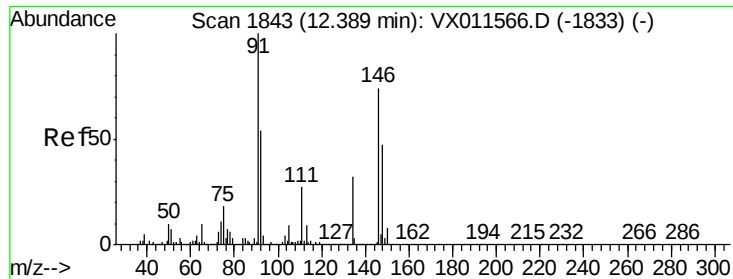
Tgt Ion: 91 Resp: 641339
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 28.6 14.6 44.0



#90
Hexachloroethane
Concen: 50.916 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion: 117 Resp: 116975
Ion Ratio Lower Upper
117 100
201 99.9 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 48.130 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

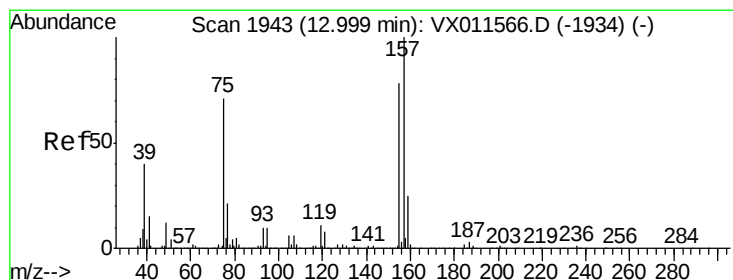
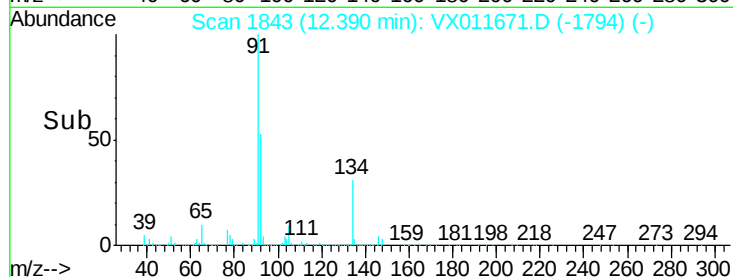
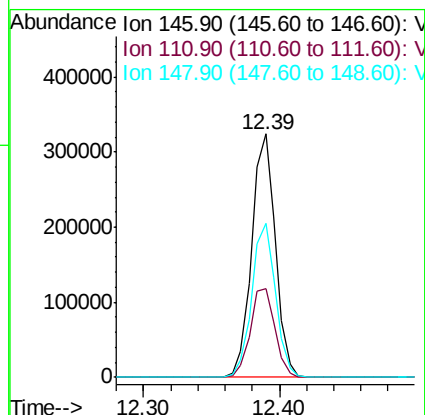
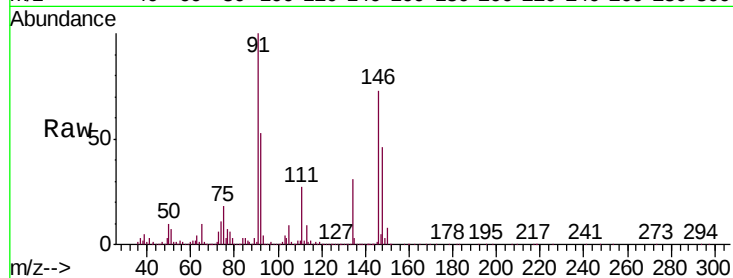
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	395837
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.7
148	63.3	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.706 ug/l

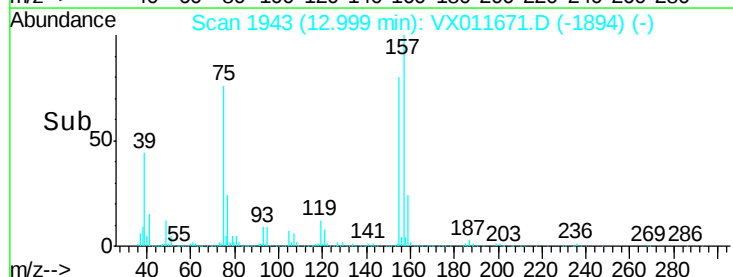
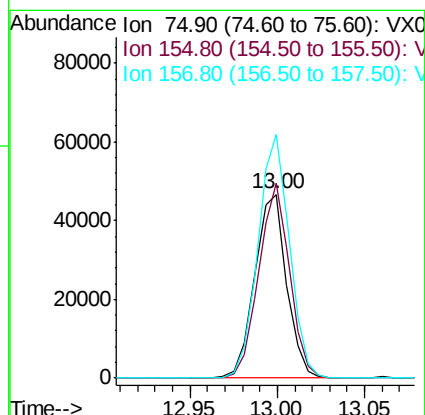
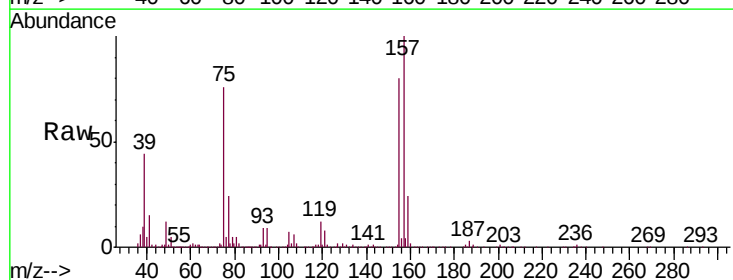
RT: 13.00 min Scan# 1943

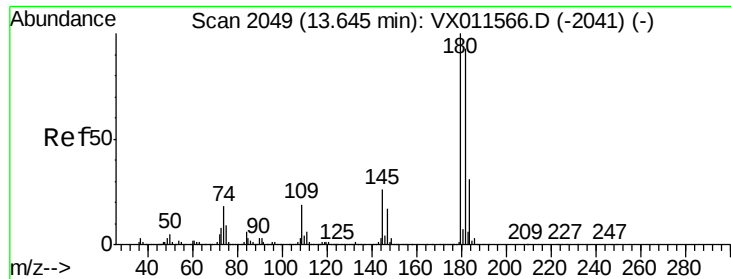
Delta R.T. 0.00 min

Lab File: VX011671.D

Acq: 20 Aug 2019 09:35

Tgt Ion:	75	Resp:	58890
Ion Ratio	Lower	Upper	
75	100		
155	102.4	53.0	159.0
157	131.2	68.3	205.1

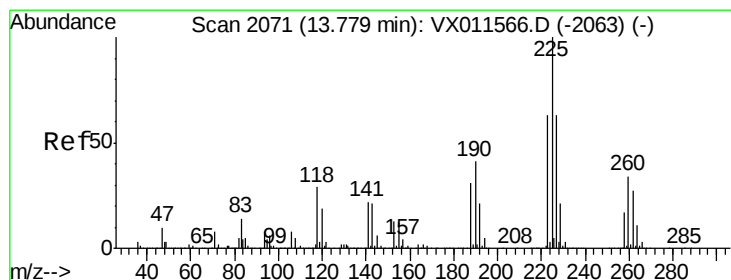
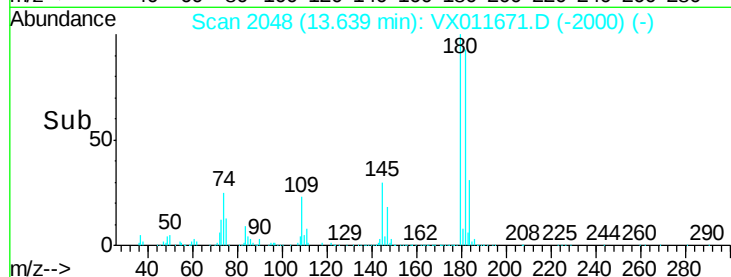
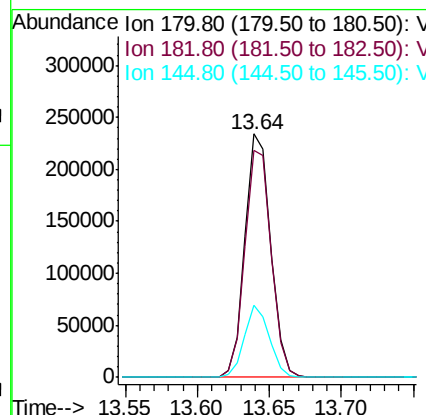
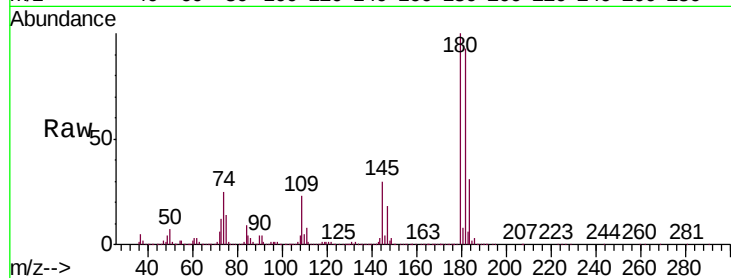




#93
 1,2,4-Trichlorobenzene
 Concen: 47.365 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

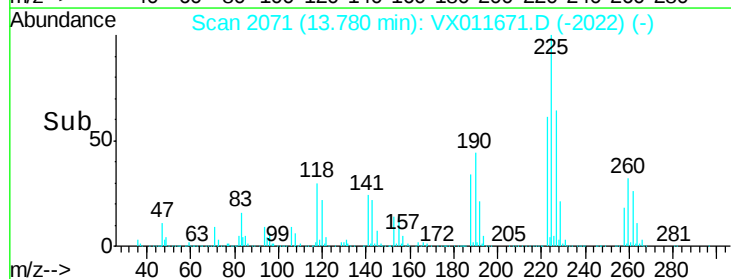
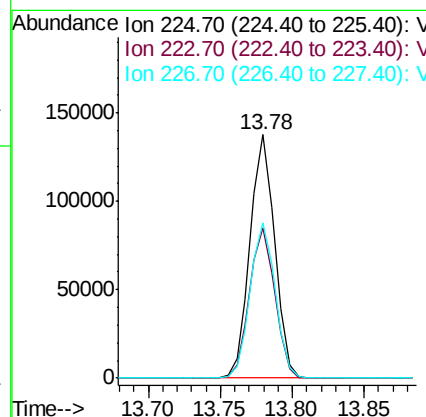
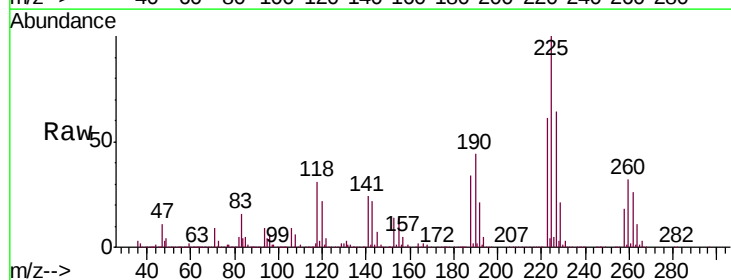
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

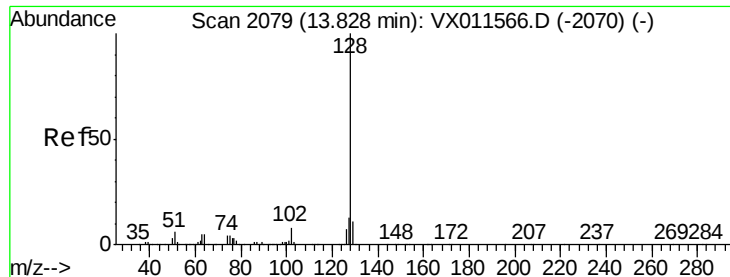
Tgt Ion:180 Resp: 290247
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 142.0
 145 28.7 13.6 40.8



#94
 Hexachlorobutadiene
 Concen: 48.713 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011671.D
 Acq: 20 Aug 2019 09:35

Tgt Ion:225 Resp: 162542
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.0
 227 64.9 31.2 93.6

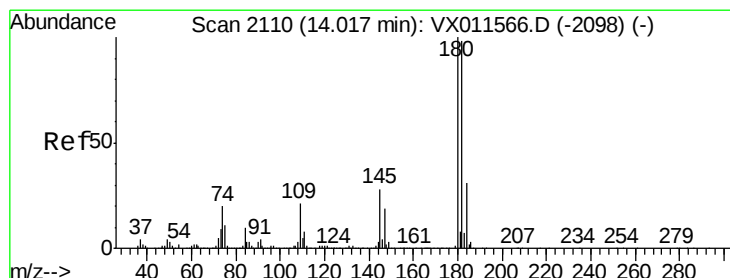
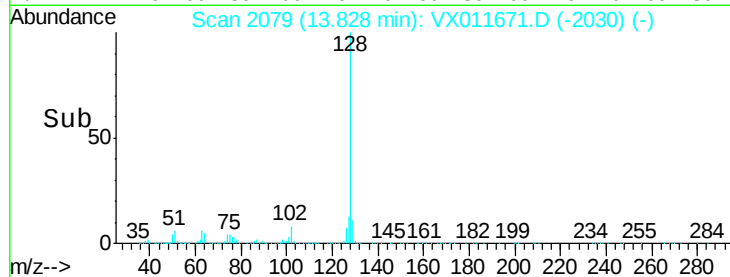
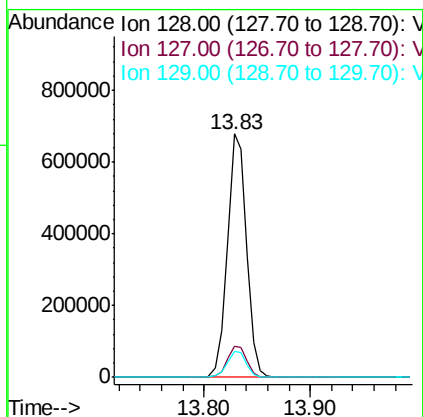
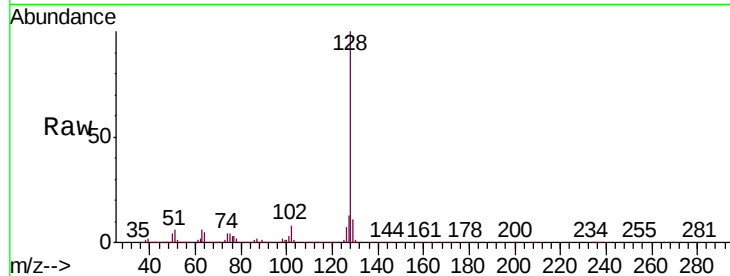




#95
Naphthalene
Concen: 49.143 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 851348
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.172 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011671.D
Acq: 20 Aug 2019 09:35

Tgt Ion:180 Resp: 310102
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 29.5 14.6 43.8

