

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008177.D
 Acq On : 18 Mar 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC020EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 19 02:43:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	49858	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	273684	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	240702	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	126279	30.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.50%
60) 4-Bromofluorobenzene	11.13	95	120180	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	354426	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	43307	19.385	ug/l 97
3) Chloromethane	1.33	50	55704	19.781	ug/l 98
4) Vinyl Chloride	1.41	62	55199	19.009	ug/l 99
5) Bromomethane	1.65	94	34096	14.745	ug/l 99
6) Chloroethane	1.73	64	35648	19.638	ug/l 99
7) Trichlorofluoromethane	1.93	101	70860	19.380	ug/l 93
8) Diethyl Ether	2.19	74	41306	20.923	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49938	20.136	ug/l 92
10) 1,1-Dichloroethene	2.38	96	49033	20.929	ug/l 88
11) Methyl Iodide	2.51	142	61067	20.479	ug/l 100
12) Methyl Acetate	2.78	43	81625	21.287	ug/l 92
13) Acrolein	2.29	56	52454	88.954	ug/l 99
14) Acrylonitrile	3.14	53	171678	100.899	ug/l 97
15) Acetone	2.45	58	50448	92.278	ug/l 95
16) Carbon Disulfide	2.57	76	147355	19.729	ug/l 98
17) Allyl chloride	2.73	41	102998	20.115	ug/l 97
18) Methylene Chloride	2.86	84	56325	20.633	ug/l 84
19) trans-1,2-Dichloroethene	3.17	96	50867	20.210	ug/l 86
20) Diisopropyl ether	3.85	45	210354	20.976	ug/l # 79
21) 1,1-Dichloroethane	3.70	63	107820	21.068	ug/l 97
22) cis-1,2-Dichloroethene	4.60	96	58574	20.414	ug/l # 83
23) tert-Butyl Alcohol	3.04	59	64139	102.317	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	178581	21.012	ug/l 98
25) Chloroform	5.21	83	100455	20.807	ug/l 95
26) Cyclohexane	5.59	56	98337	20.155	ug/l # 84
29) 1,1-Dichloropropene	5.81	75	74944	20.575	ug/l 93
30) 2-Butanone	4.67	43	247828	97.060	ug/l 94
32) 1,1,1-Trichloroethane	5.50	97	80598	20.890	ug/l # 94
33) Carbon Tetrachloride	5.79	117	66514	20.542	ug/l 97
34) Benzene	6.15	78	229532	21.073	ug/l 97
35) Methacrylonitrile	5.04	41	52813	21.260	ug/l 87
36) 1,2-Dichloroethane	6.20	62	85455	21.616	ug/l 97
37) Trichloroethene	7.21	130	52924	20.390	ug/l 85
38) Methylcyclohexane	7.46	83	85356	19.292	ug/l 88
39) 1,2-Dichloropropane	7.51	63	62321	21.009	ug/l 98
40) Dibromomethane	7.66	93	38626	21.268	ug/l 88
41) Bromodichloromethane	7.90	83	71295	20.301	ug/l 99

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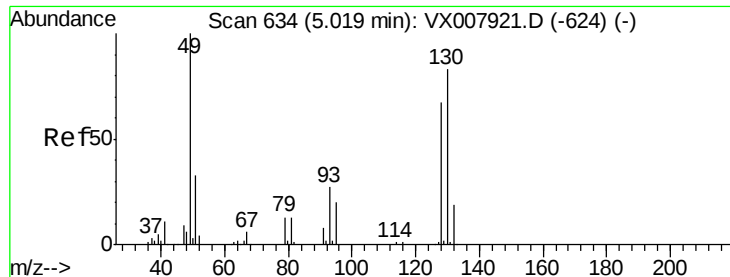
Instrument :
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Quant Time: Mar 19 02:43:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Vinyl Acetate	3.82	43	910376	106.016	ug/l #	94
44) Isopropyl Acetate	6.45	43	149004	21.221	ug/l	97
45) 1,4-Dioxane	7.74	88	26651	406.324	ug/l #	85
46) Methyl methacrylate	7.77	41	77147	20.824	ug/l	91
47) n-amyl Acetate	10.90	43	123838	20.640	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	75170	19.366	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	84714	19.617	ug/l	92
50) 1,1,2-Trichloroethane	9.21	97	55483	21.278	ug/l	97
51) Ethyl methacrylate	9.18	69	88144	20.852	ug/l	93
52) 1,3-Dichloropropane	9.37	76	98783	21.158	ug/l	99
53) Dibromochloromethane	9.58	129	50997	20.226	ug/l	98
54) 1,2-Dibromoethane	9.67	107	56963	20.931	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	323083	107.354	ug/l	95
56) Bromoform	10.85	173	34937	19.260	ug/l #	97
58) 4-Methyl-2-Pentanone	8.64	43	488562	106.129	ug/l	96
59) 2-Hexanone	9.49	43	369695	101.787	ug/l	96
61) Tetrachloroethene	9.34	164	50675	20.904	ug/l	97
62) Toluene	8.79	91	234762	20.623	ug/l	99
64) Chlorobenzene	10.13	112	140204	20.694	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	48406	20.376	ug/l	96
66) Ethyl Benzene	10.25	91	245190	20.166	ug/l	95
67) m/p-Xylenes	10.36	106	179699	40.007	ug/l	91
68) o-Xylene	10.69	106	88454	20.494	ug/l	92
69) Styrene	10.71	104	142602	20.283	ug/l	96
70) Isopropylbenzene	11.02	105	235396	20.226	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	86949	21.329	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	100059	28.463	ug/l	90
73) Bromobenzene	11.26	156	55530	20.156	ug/l	78
74) n-propylbenzene	11.36	91	270076	19.600	ug/l	95
75) 2-Chlorotoluene	11.42	91	165574	20.454	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	192750	20.028	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	23425	18.544	ug/l	97
78) 4-Chlorotoluene	11.51	91	184720	19.810	ug/l	91
79) tert-butylbenzene	12.06	119	192566	19.649	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	195672	20.143	ug/l	97
81) sec-Butylbenzene	11.94	105	226258	19.686	ug/l	97
82) p-Isopropyltoluene	12.06	119	192566	19.649	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	96790	19.604	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	96852	19.765	ug/l	96
85) n-Butylbenzene	12.38	91	170031	18.399	ug/l	96
86) Hexachloroethane	12.60	117	32234	19.187	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	99368	20.198	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17620	19.518	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	61139	19.078	ug/l	99
90) Hexachlorobutadiene	13.78	225	31068	18.682	ug/l	99
91) Naphthalene	13.83	128	204122	19.666	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	62500	19.527	ug/l	98

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

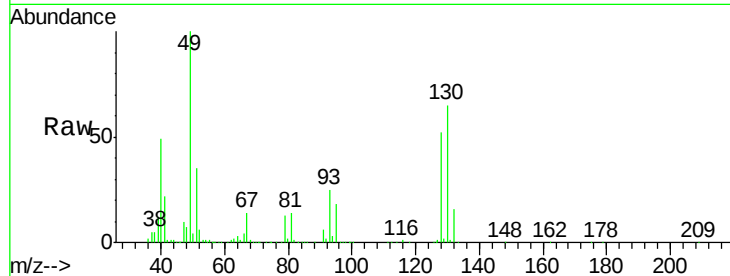
Tot Ion:128 Resp: 49858

Ion Ratio Lower Upper

128 100

49 198.8 0.0 350.8

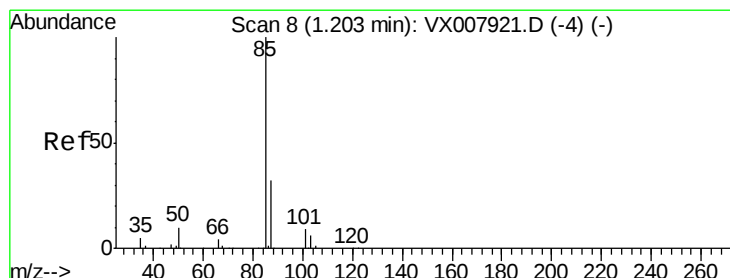
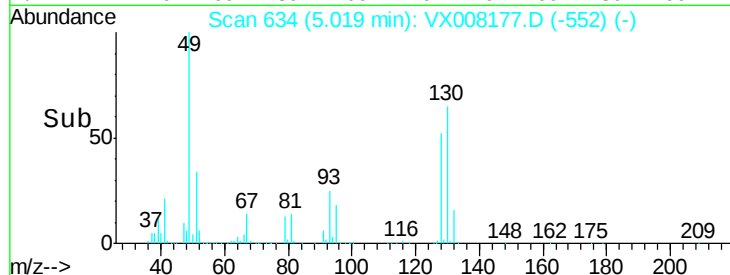
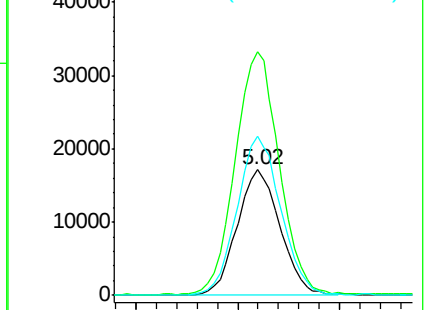
130 129.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.385 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008177.D

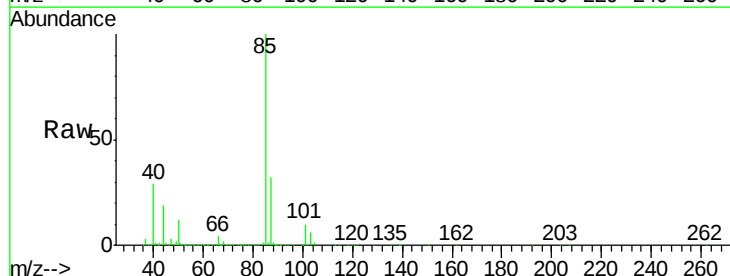
Acq: 18 Mar 2019 20:14

Tgt Ion: 85 Resp: 43307

Ion Ratio Lower Upper

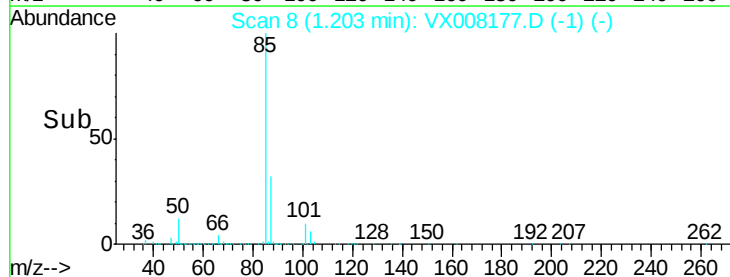
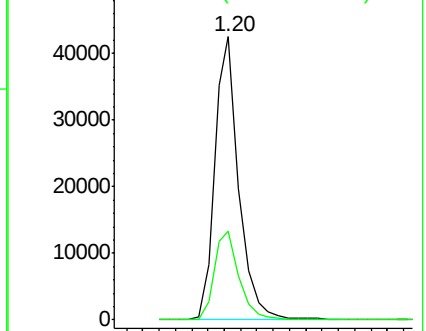
85 100

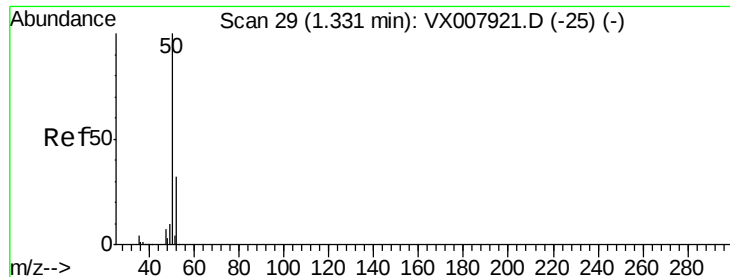
87 31.5 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.781 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

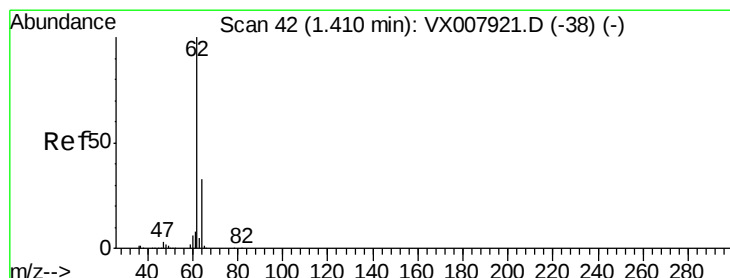
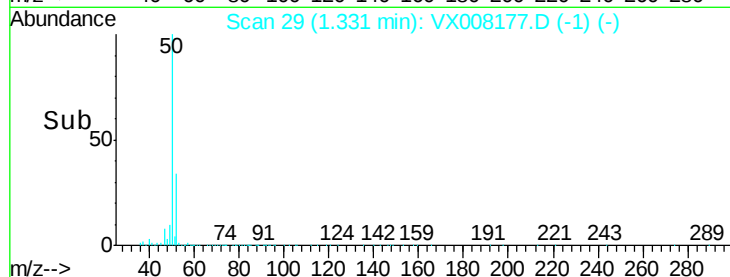
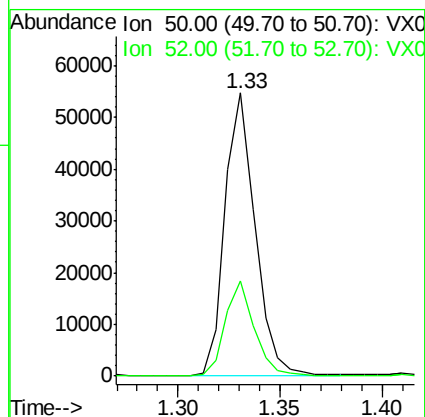
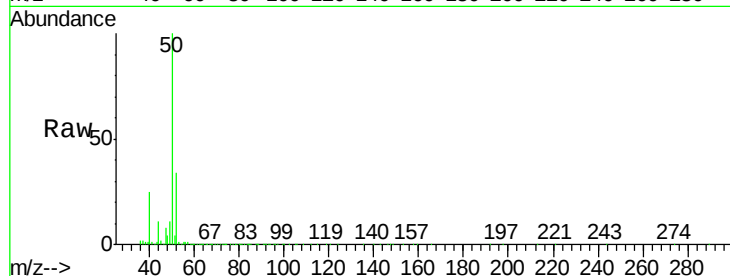
VSTDCCC020EC

Tot Ion: 50 Resp: 55704

Ion Ratio Lower Upper

50 100

52 33.5 27.5 41.3



#4

Vinyl Chloride

Concen: 19.009 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008177.D

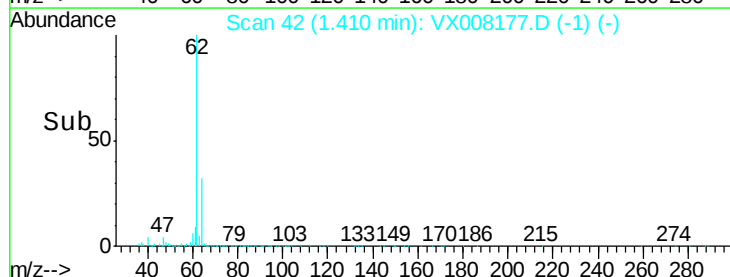
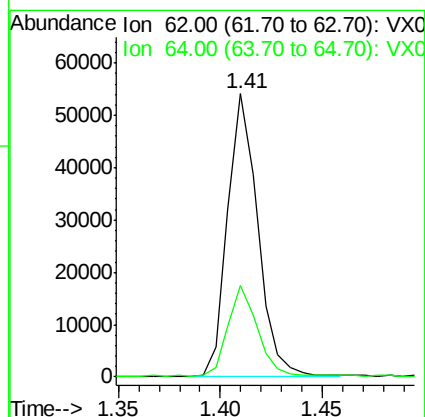
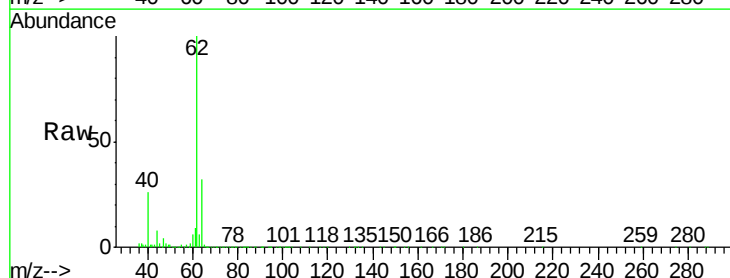
Acq: 18 Mar 2019 20:14

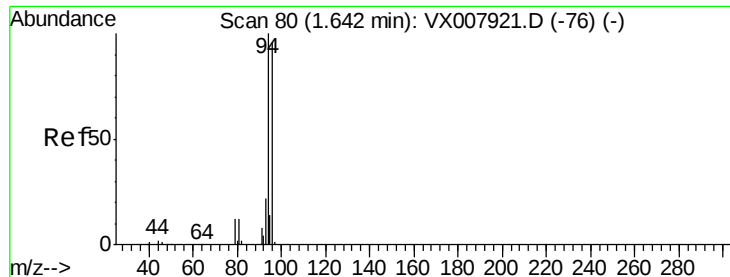
Tgt Ion: 62 Resp: 55199

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 14.745 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

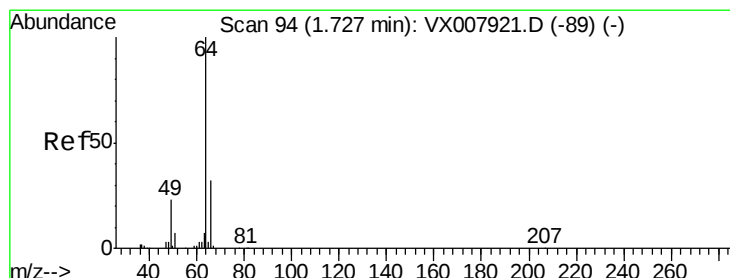
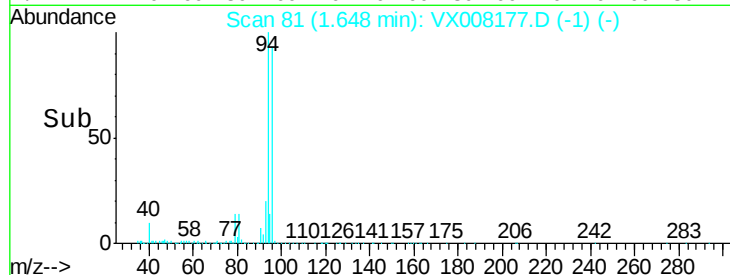
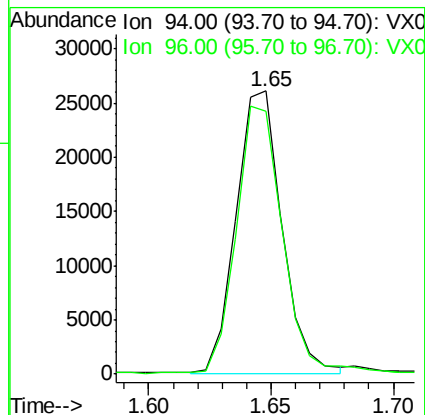
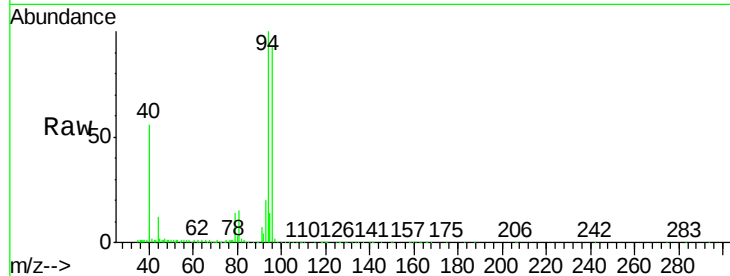
VSTDCCC020EC

Tot Ion: 94 Resp: 34096

Ion Ratio Lower Upper

94 100

96 93.1 75.6 113.4



#6

Chloroethane

Concen: 19.638 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX008177.D

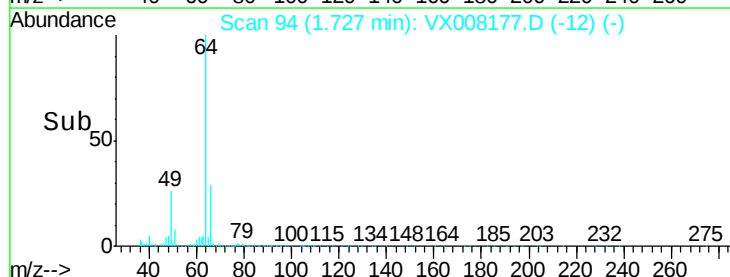
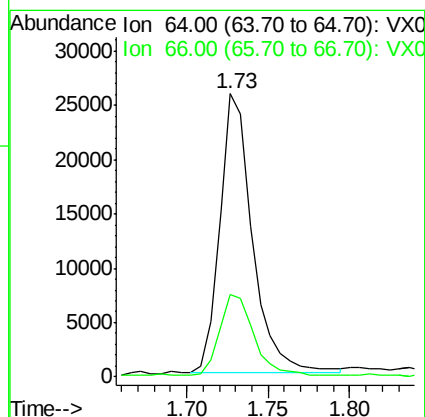
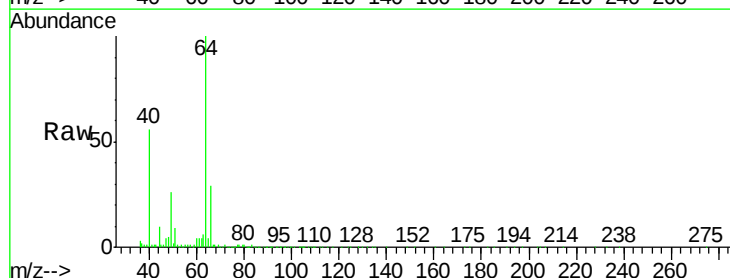
Acq: 18 Mar 2019 20:14

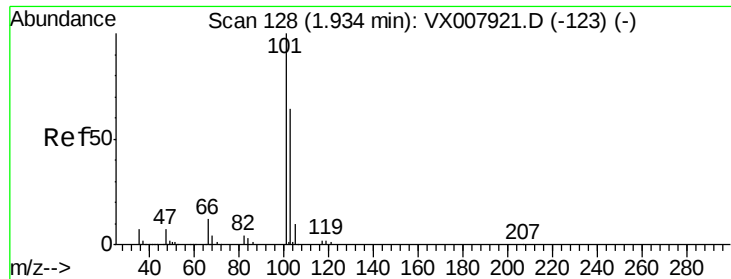
Tgt Ion: 64 Resp: 35648

Ion Ratio Lower Upper

64 100

66 29.2 23.9 35.9



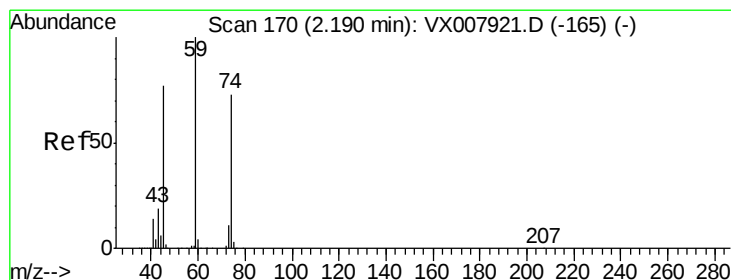
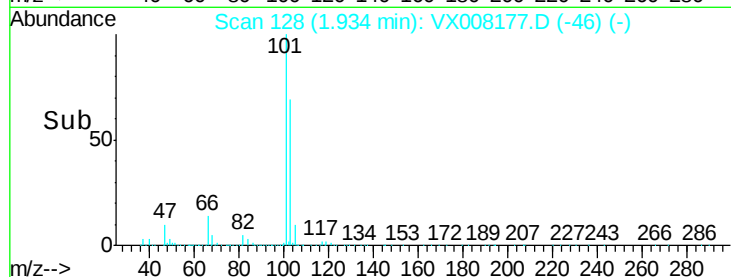
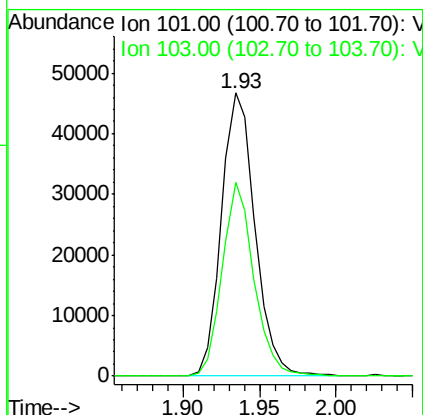
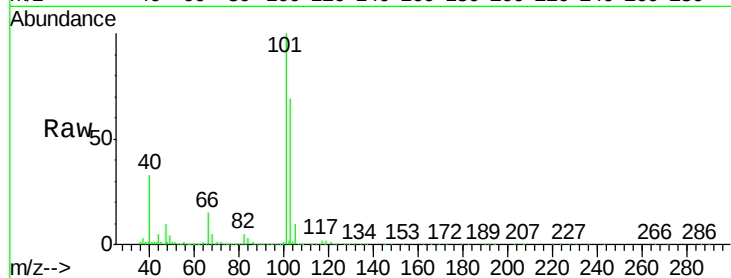


#7

Trichlorofluoromethane
 Concen: 19.380 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

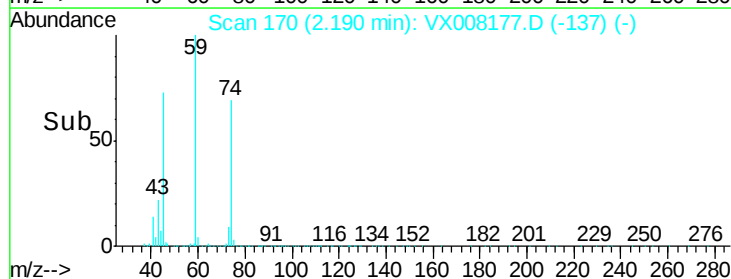
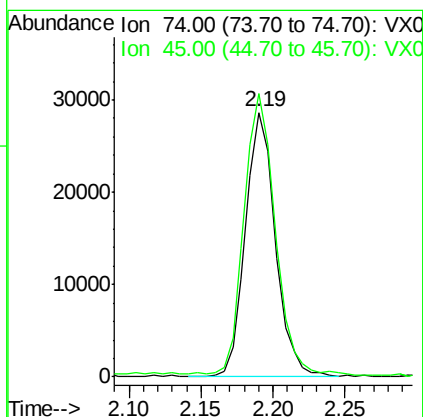
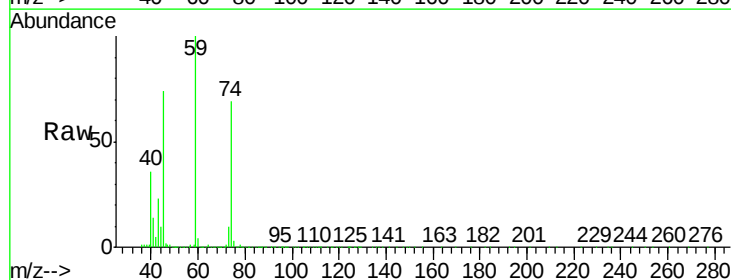
Tot Ion:101 Resp: 70860
 Ion Ratio Lower Upper
 101 100
 103 68.5 50.4 75.6

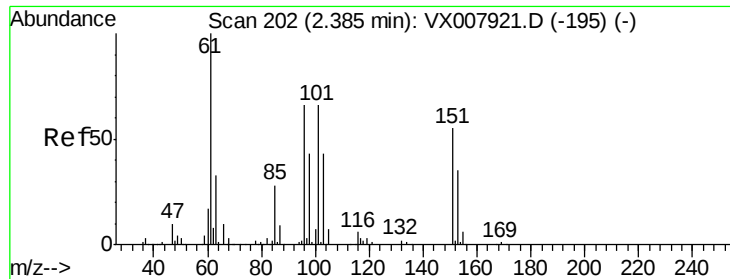


#8

Diethyl Ether
 Concen: 20.923 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 74 Resp: 41306
 Ion Ratio Lower Upper
 74 100
 45 110.9 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.136 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

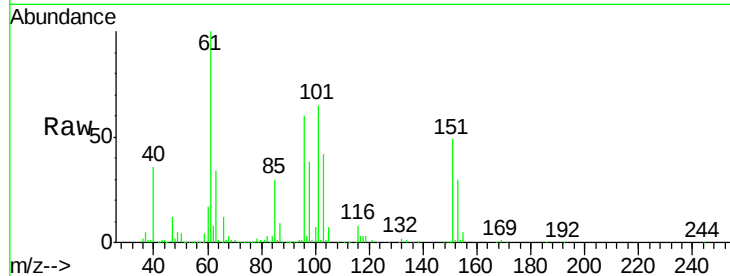
Tot Ion:101 Resp: 49938

Ion Ratio Lower Upper

101 100

85 45.8 0.0 86.8

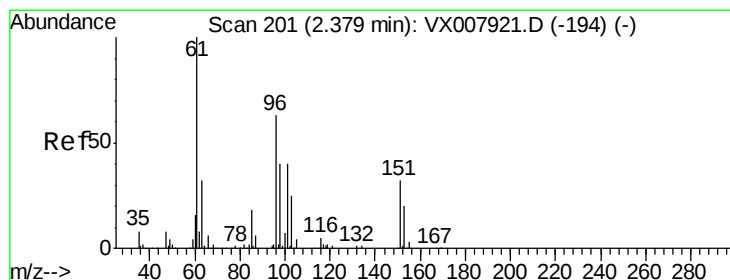
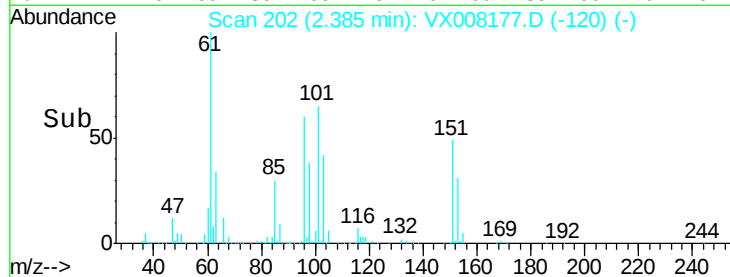
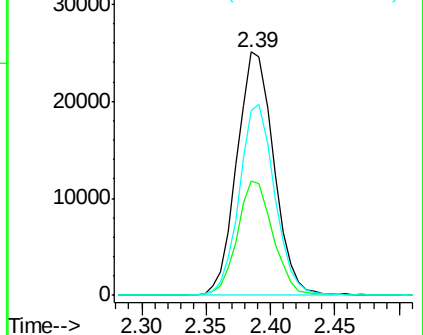
151 75.1 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.929 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

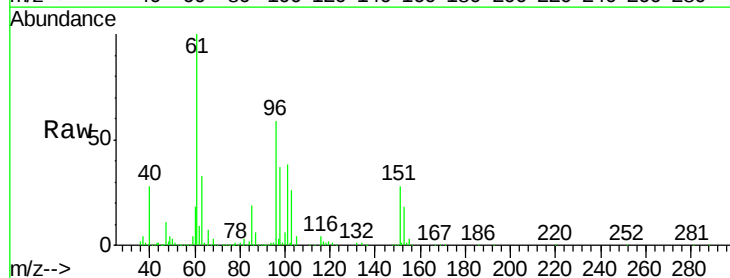
Tgt Ion: 96 Resp: 49033

Ion Ratio Lower Upper

96 100

61 170.3 120.2 180.2

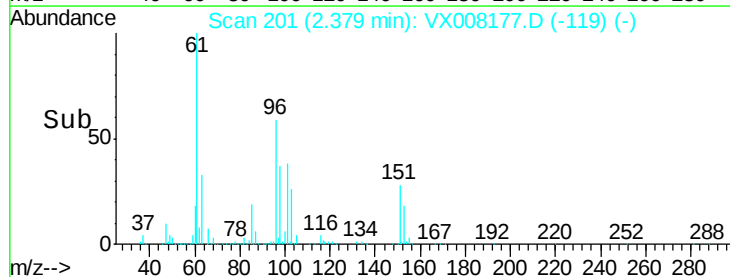
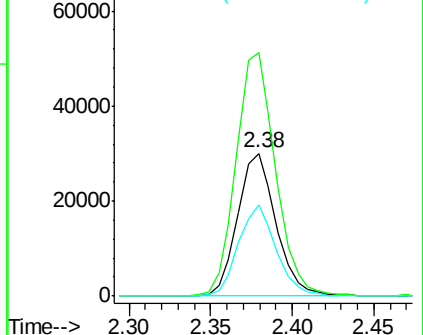
98 63.3 49.0 73.4

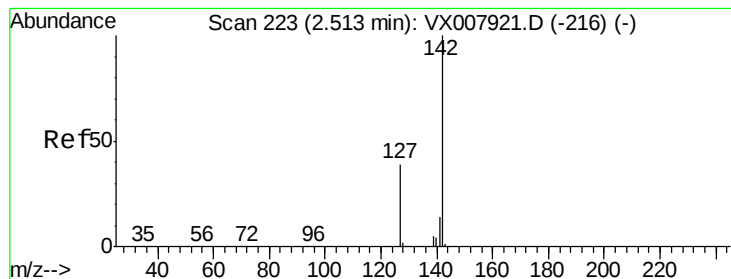


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 20.479 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

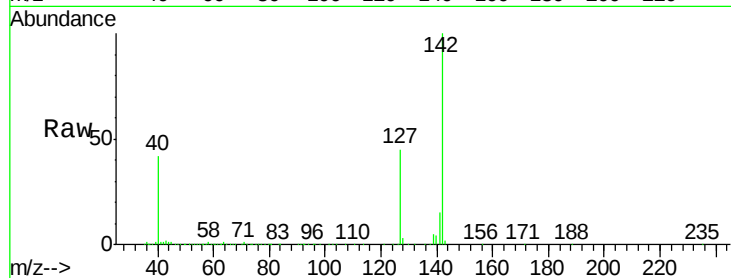
Tot Ion:142 Resp: 61067

Ion Ratio Lower Upper

142 100

127 44.5 22.1 66.5

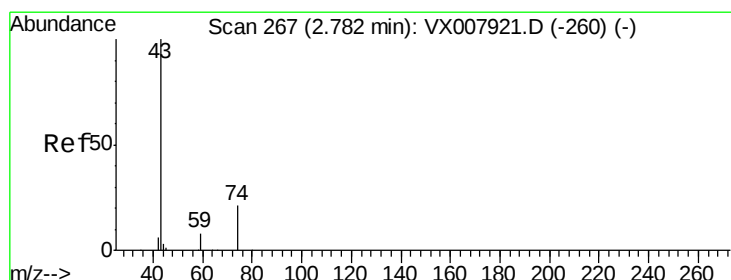
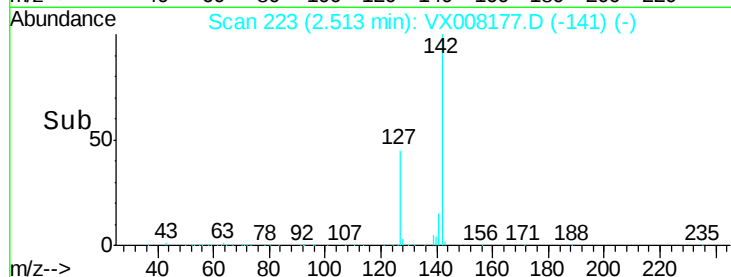
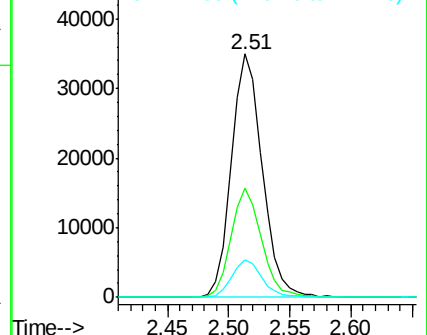
141 15.1 7.4 22.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 21.287 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008177.D

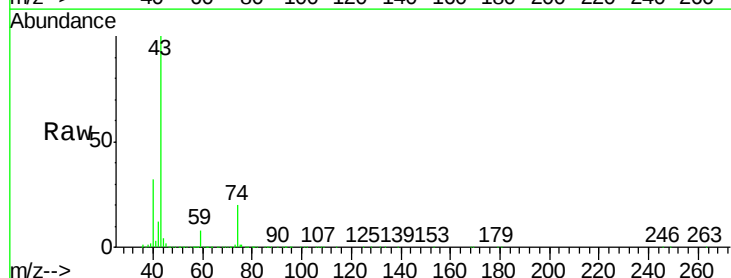
Acq: 18 Mar 2019 20:14

Tgt Ion: 43 Resp: 81625

Ion Ratio Lower Upper

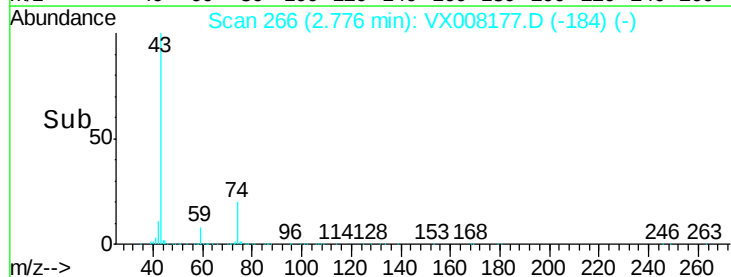
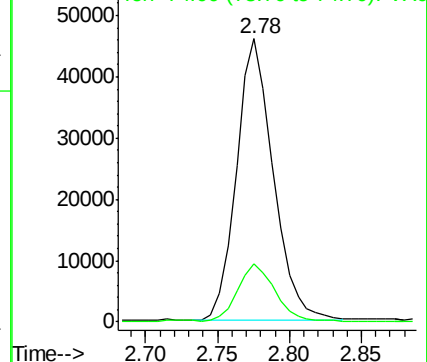
43 100

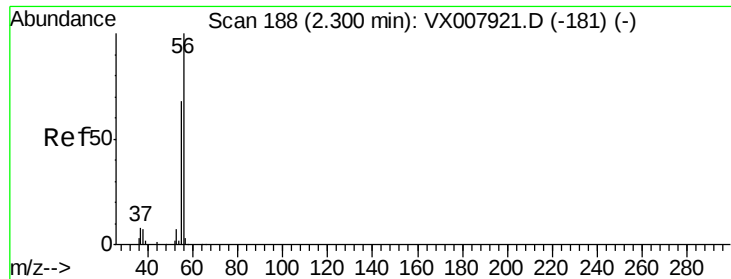
74 20.1 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 88.954 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

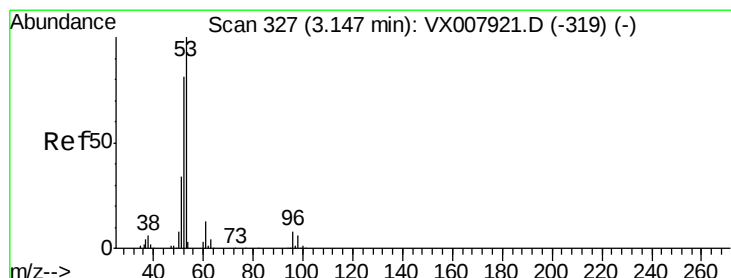
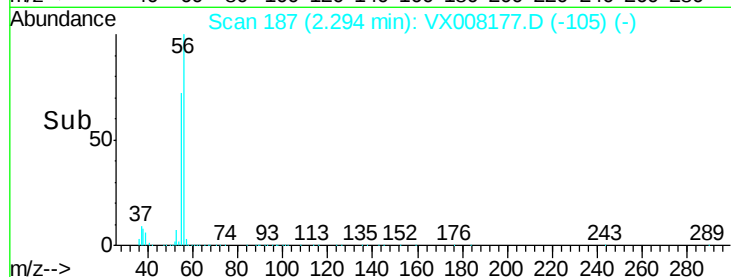
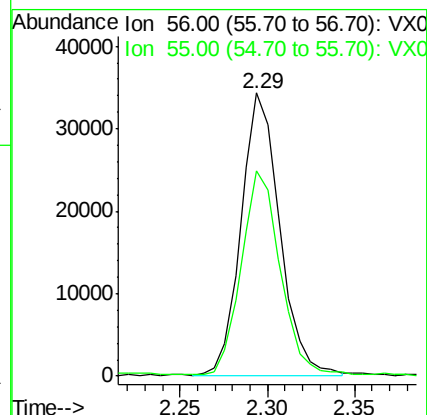
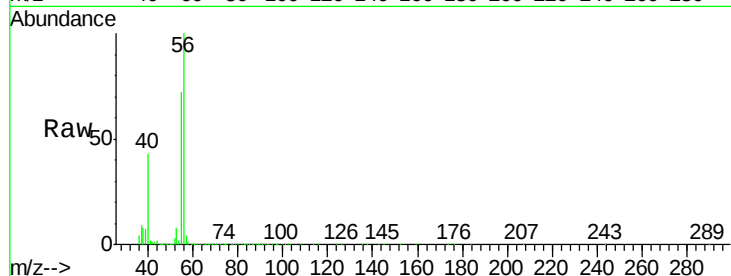
VSTDCCC020EC

Tot Ion: 56 Resp: 52454

Ion Ratio Lower Upper

56 100

55 72.6 58.6 87.8



#14

Acrylonitrile

Concen: 100.899 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

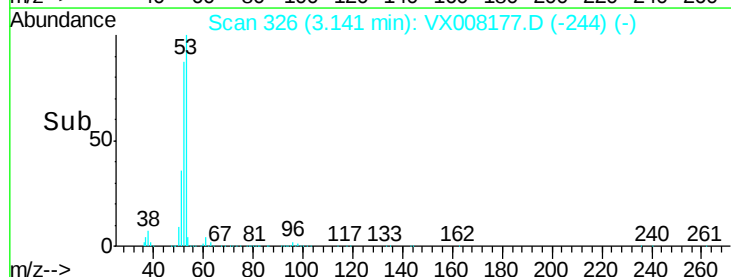
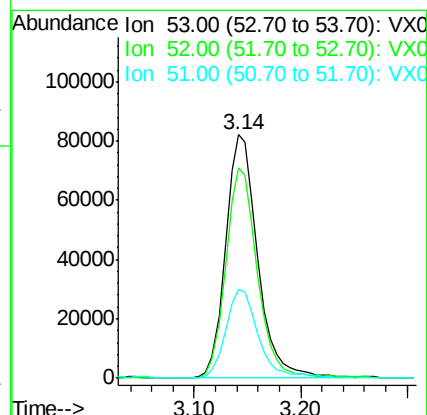
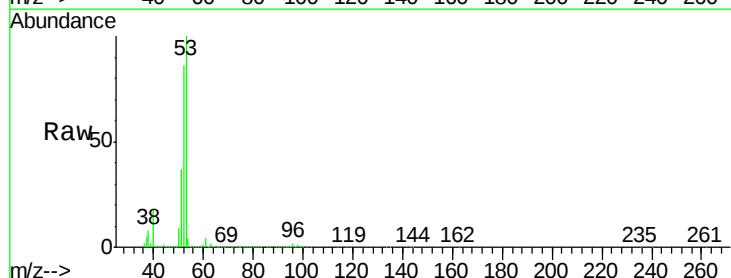
Tgt Ion: 53 Resp: 171678

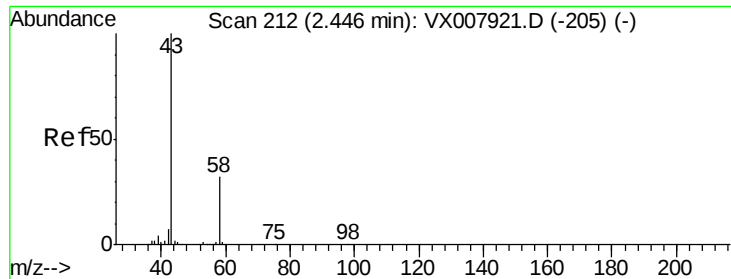
Ion Ratio Lower Upper

53 100

52 85.0 41.3 124.1

51 37.0 17.5 52.6





#15

Acetone

Concen: 92.278 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

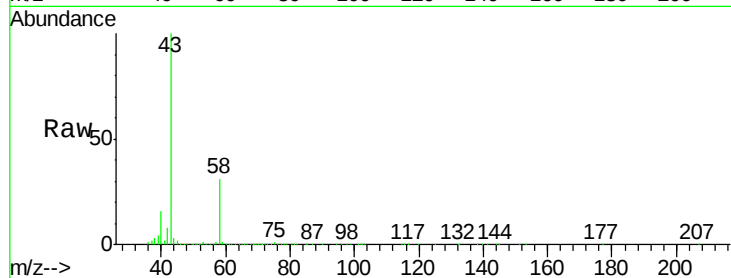
VSTDCCC020EC

Tot Ion: 58 Resp: 50448

Ion Ratio Lower Upper

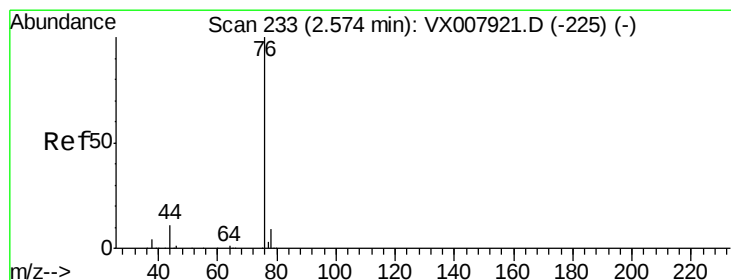
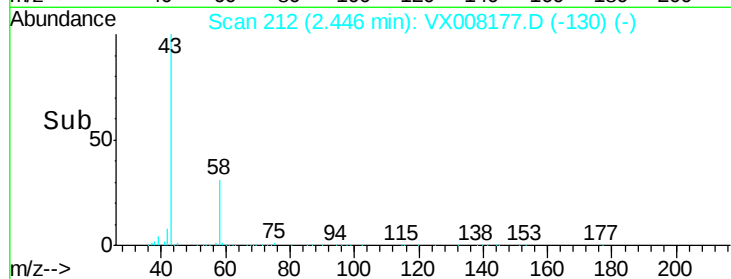
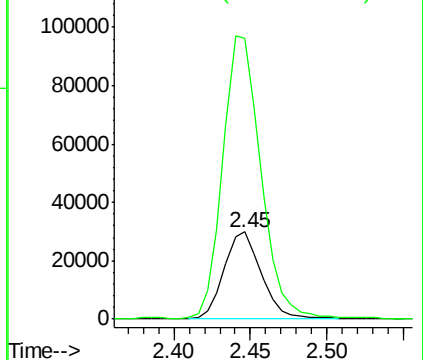
58 100

43 322.1 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.729 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008177.D

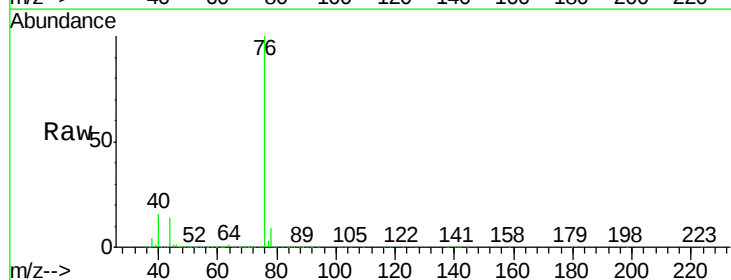
Acq: 18 Mar 2019 20:14

Tgt Ion: 76 Resp: 147355

Ion Ratio Lower Upper

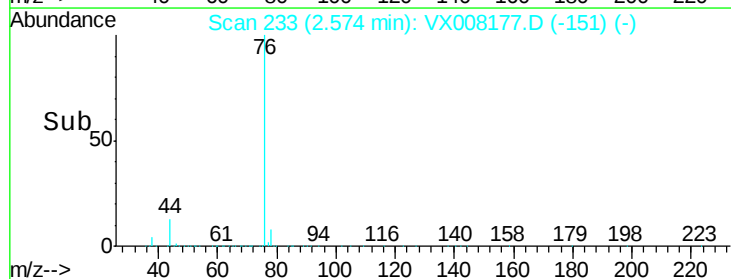
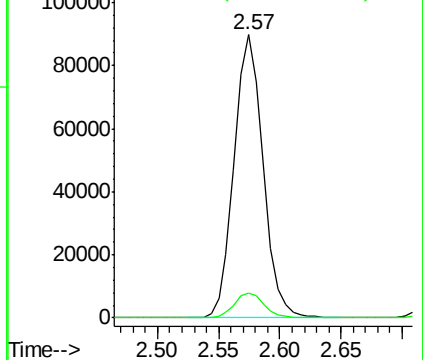
76 100

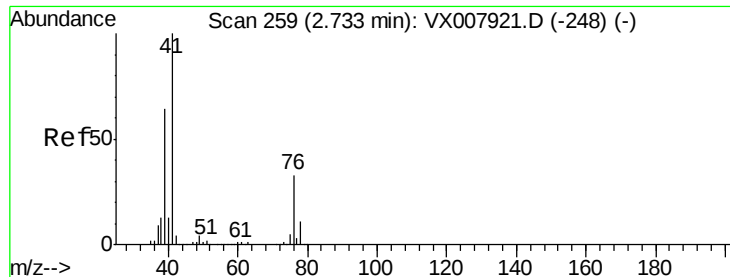
78 8.5 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 20.115 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

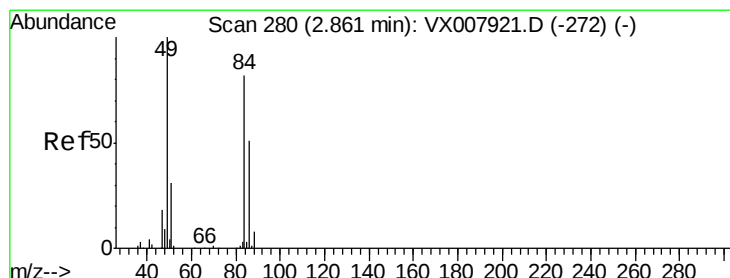
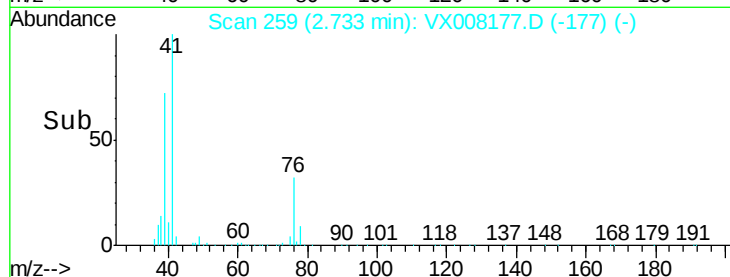
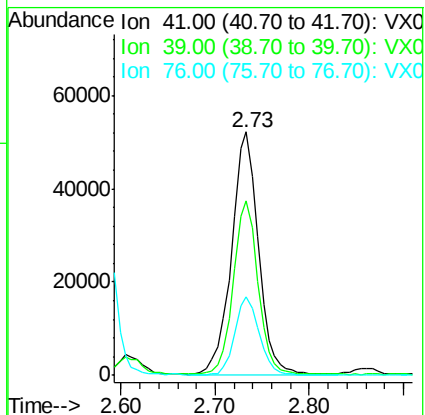
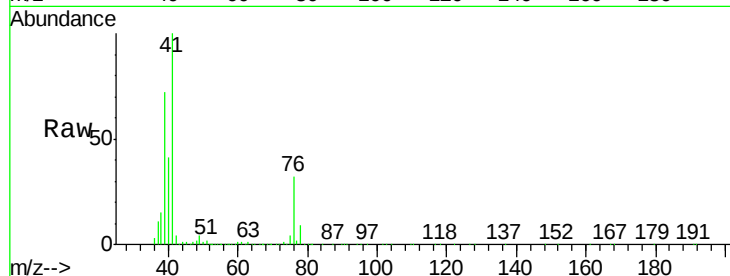
Tot Ion: 41 Resp: 102998

Ion Ratio Lower Upper

41 100

39 71.4 35.8 107.4

76 32.2 18.3 54.9



#18

Methylene Chloride

Concen: 20.633 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Tgt Ion: 84 Resp: 56325

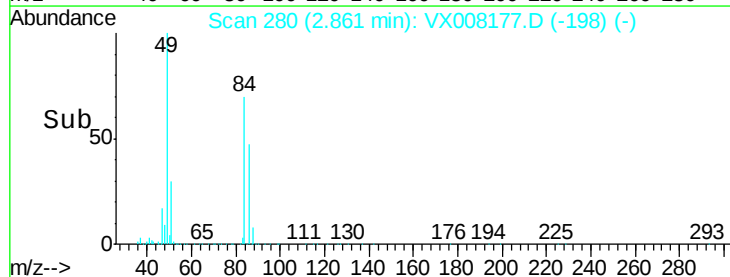
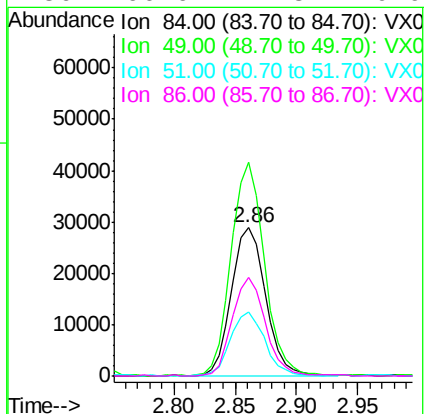
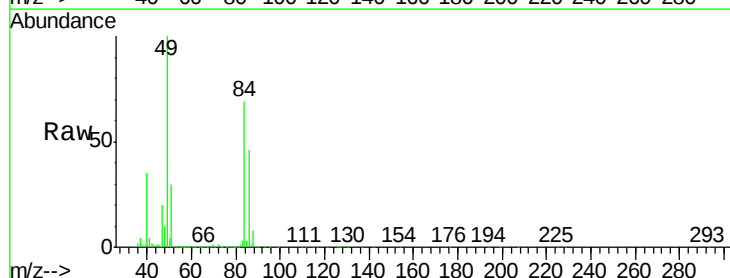
Ion Ratio Lower Upper

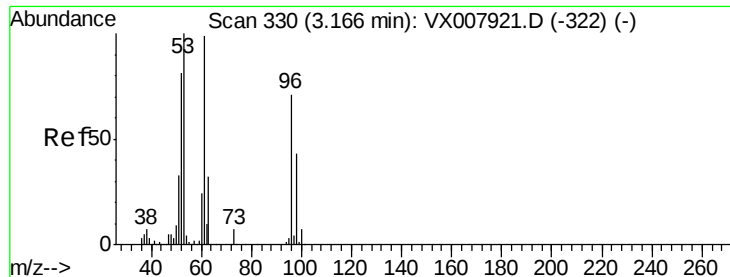
84 100

49 143.6 96.1 144.1

51 43.3 29.1 43.7

86 66.6 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 20.210 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

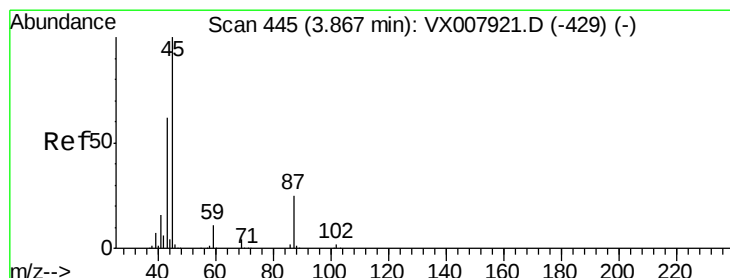
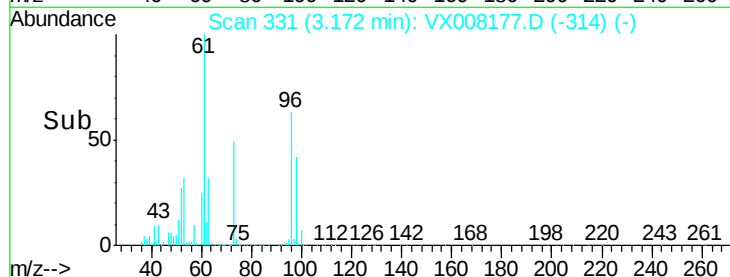
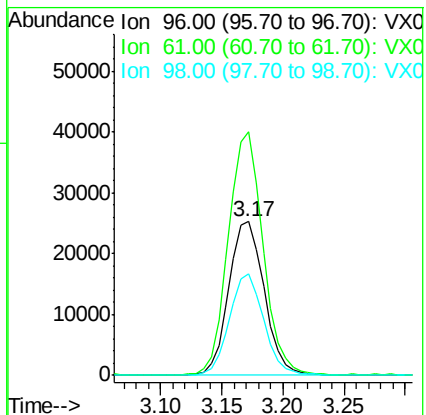
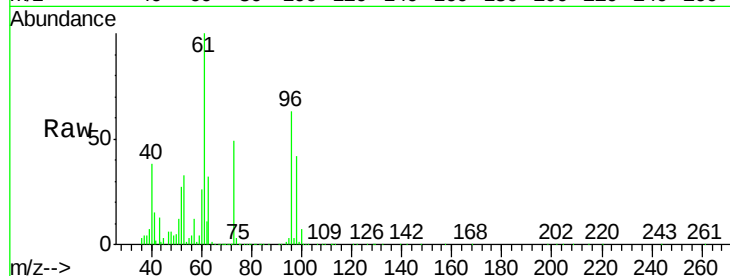
Tot Ion: 96 Resp: 50867

Ion Ratio Lower Upper

96 100

61 158.5 109.9 164.9

98 66.6 50.4 75.6



#20

Diisopropyl ether

Concen: 20.976 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Tgt Ion: 45 Resp: 210354

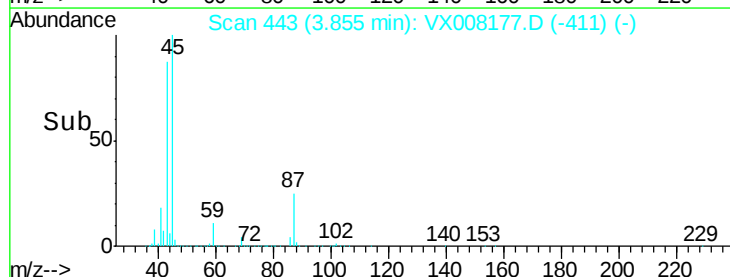
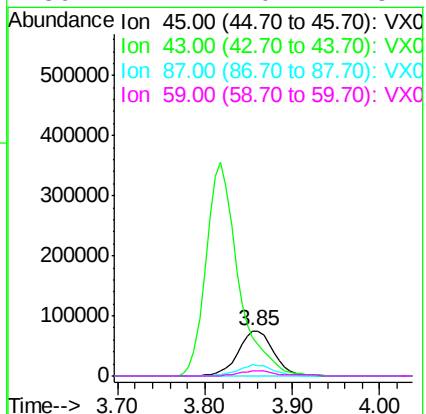
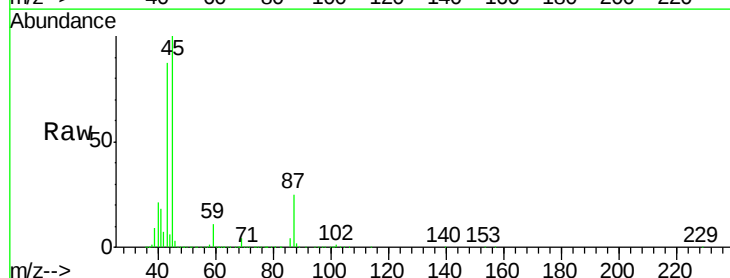
Ion Ratio Lower Upper

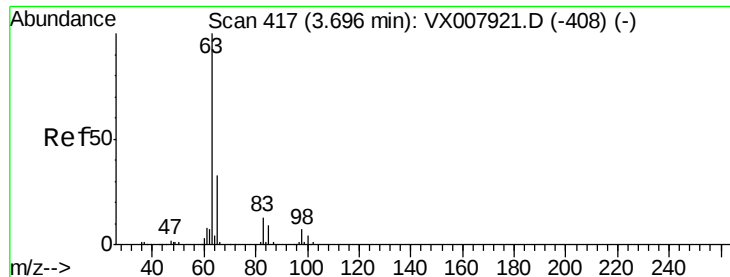
45 100

43 85.8 50.6 76.0#

87 24.6 24.5 36.7

59 11.2 10.2 15.2

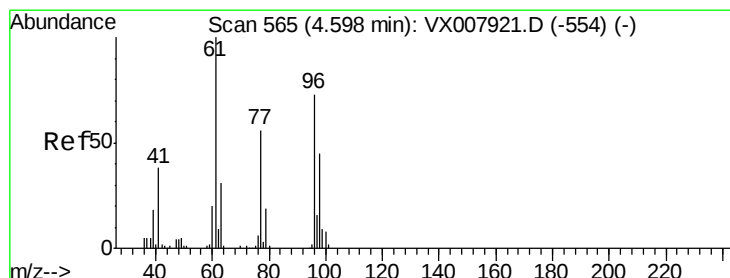
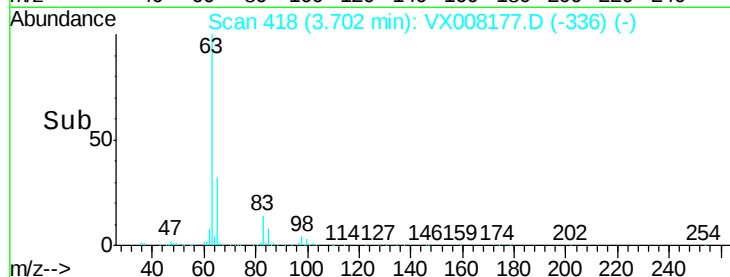
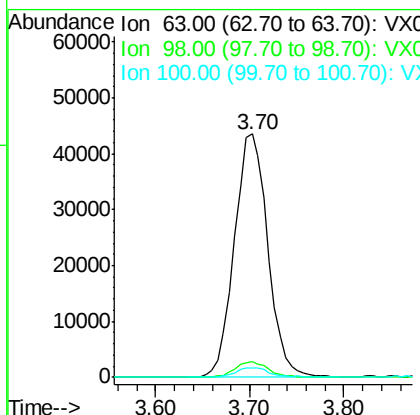
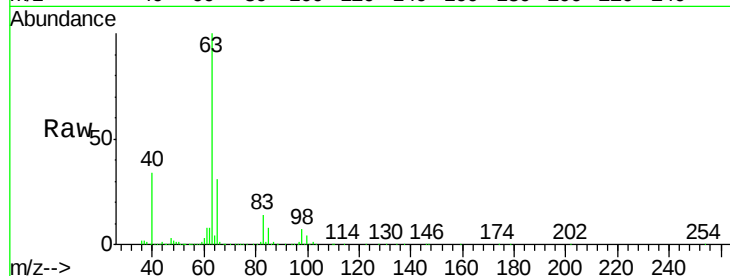




#21
 1,1-Dichloroethane
 Concen: 21.068 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

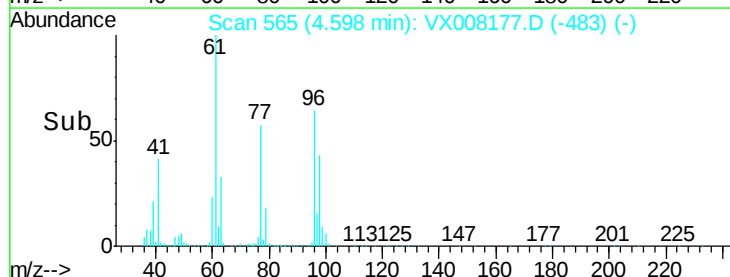
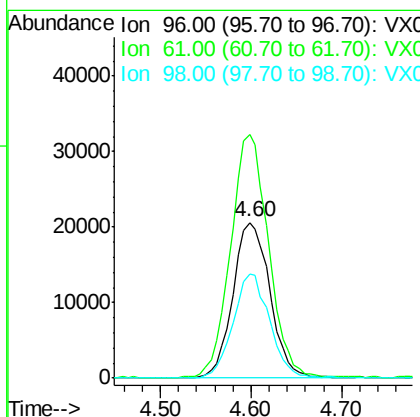
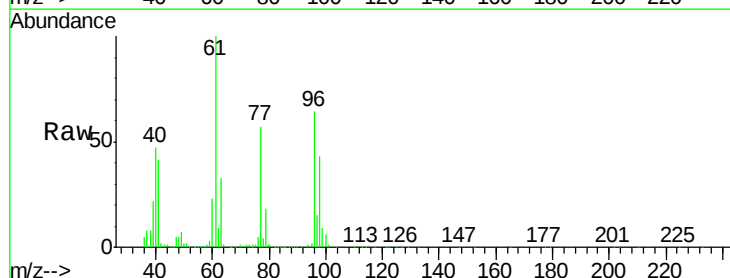
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

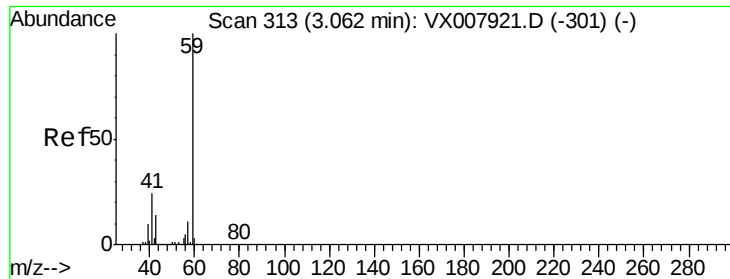
Tot Ion: 63 Resp: 107820
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 3.7 2.4 7.1



#22
 cis-1,2-Dichloroethene
 Concen: 20.414 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 96 Resp: 58574
 Ion Ratio Lower Upper
 96 100
 61 158.5 103.5 155.3#
 98 65.7 52.1 78.1



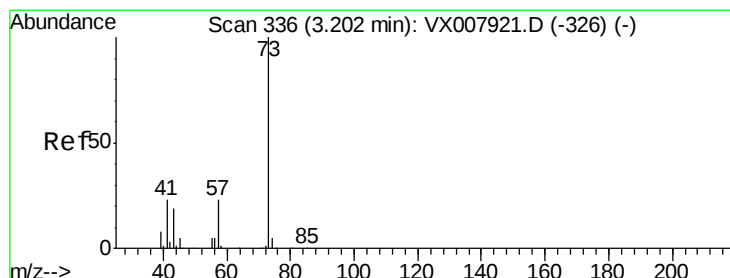
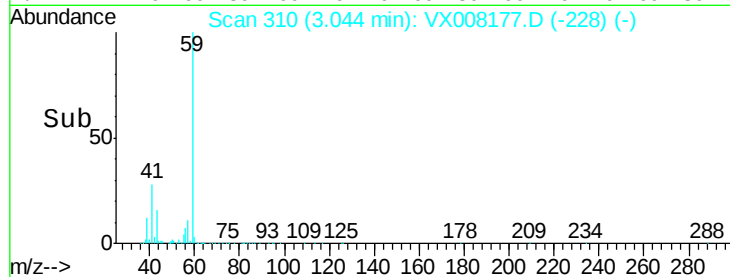
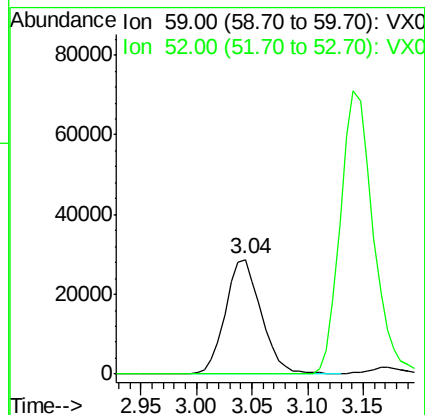
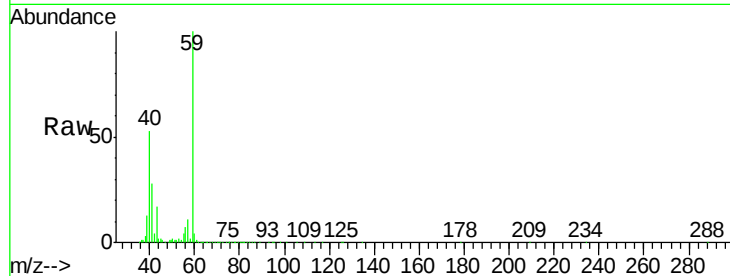


#23

tert-Butyl Alcohol
 Concen: 102.317 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

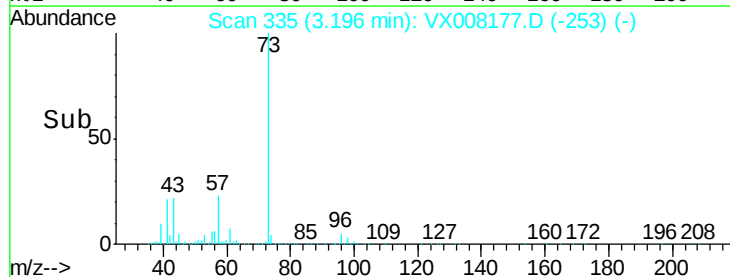
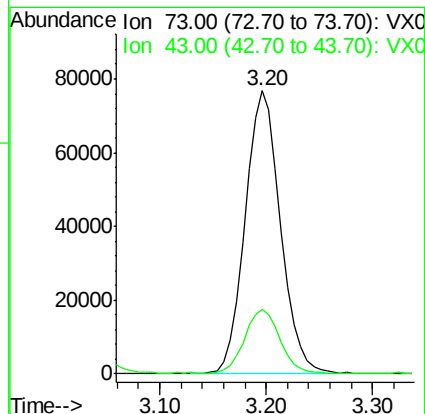
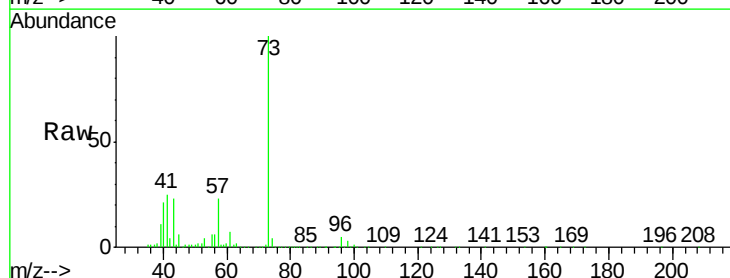
Tot Ion: 59 Resp: 64139
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#

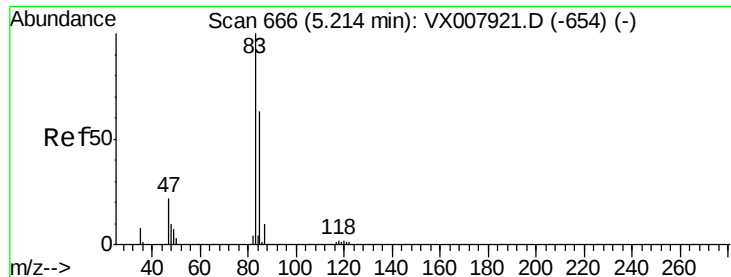


#24

Methyl tert-Butyl Ether
 Concen: 21.012 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 73 Resp: 178581
 Ion Ratio Lower Upper
 73 100
 43 22.5 17.1 25.7





#25

Chloroform

Concen: 20.807 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

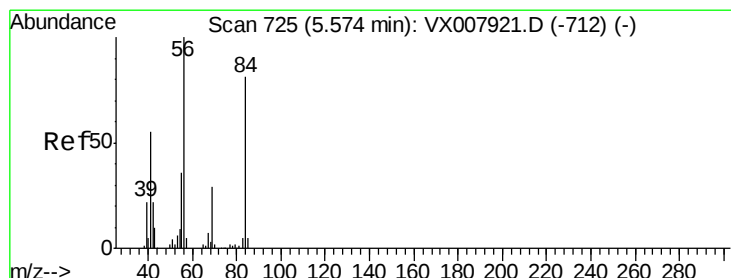
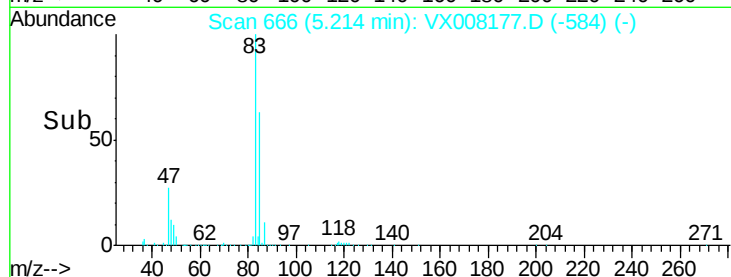
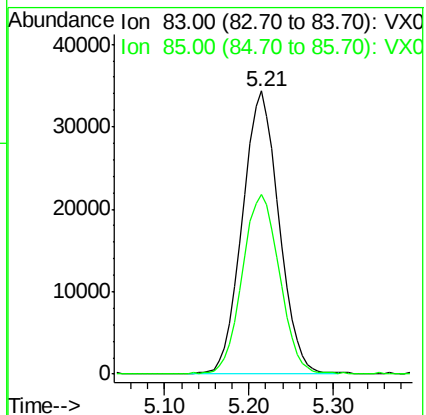
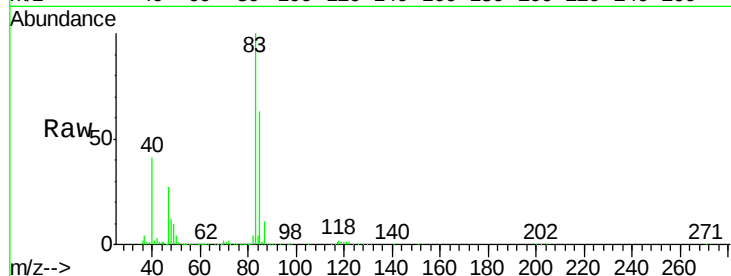
VSTDCCC020EC

Tot Ion: 83 Resp: 100455

Ion Ratio Lower Upper

83 100

85 63.3 53.8 80.6



#26

Cyclohexane

Concen: 20.155 ug/l

RT: 5.59 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

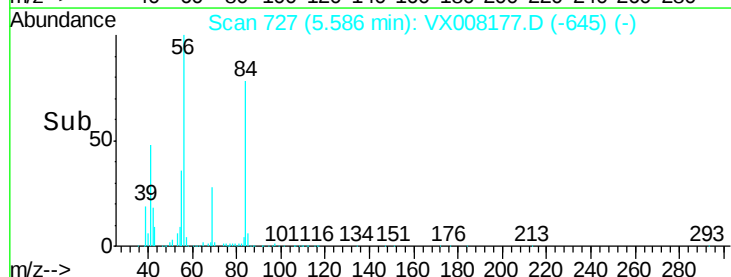
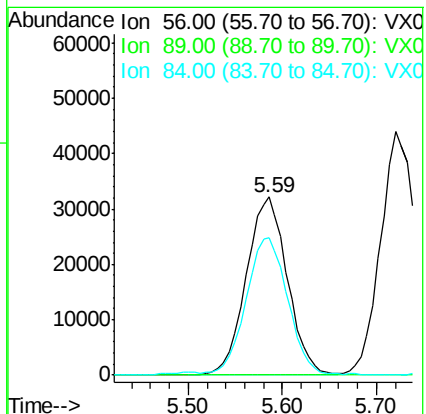
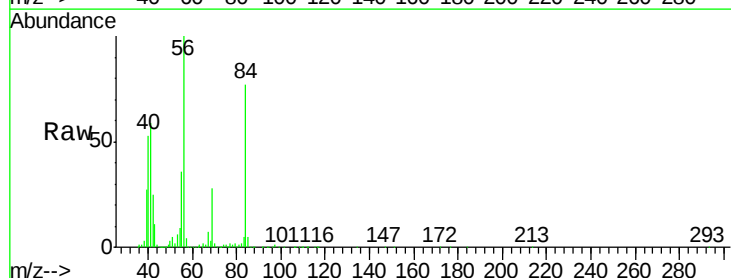
Tgt Ion: 56 Resp: 98337

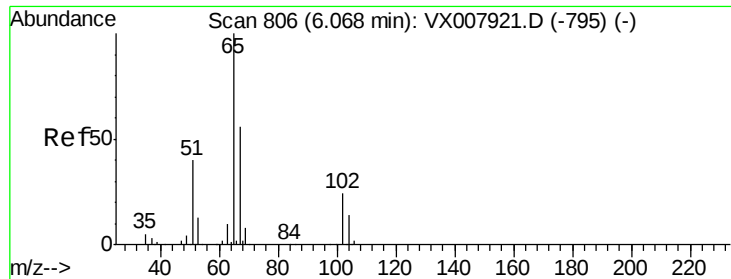
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 76.8 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.448 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

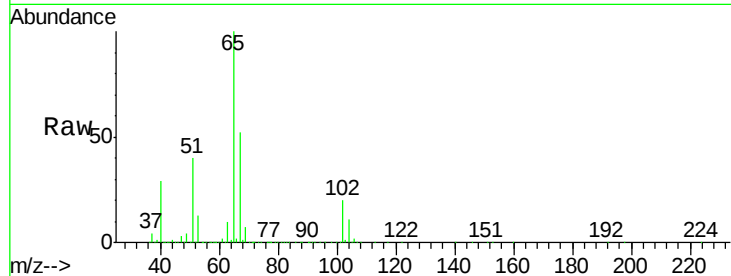
VSTDCCC020EC

Tot Ion: 65 Resp: 126279

Ion Ratio Lower Upper

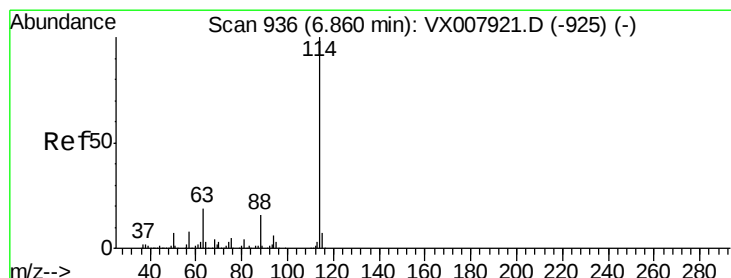
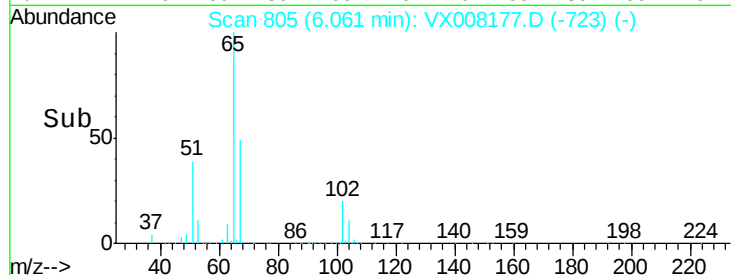
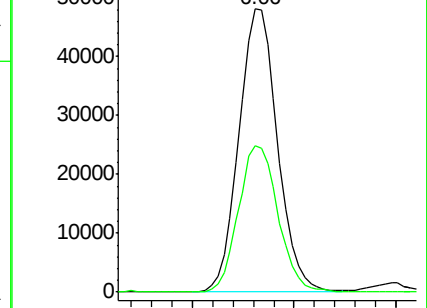
65 100

67 52.6 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

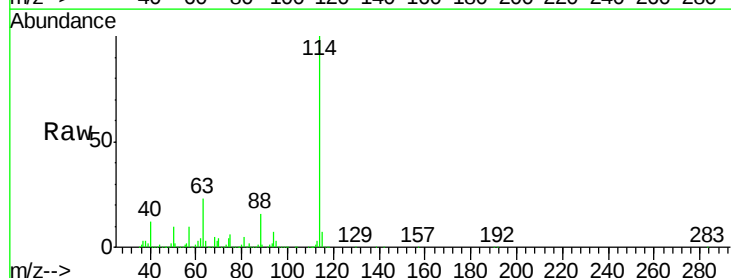
Tgt Ion: 114 Resp: 273684

Ion Ratio Lower Upper

114 100

63 23.5 14.2 21.4#

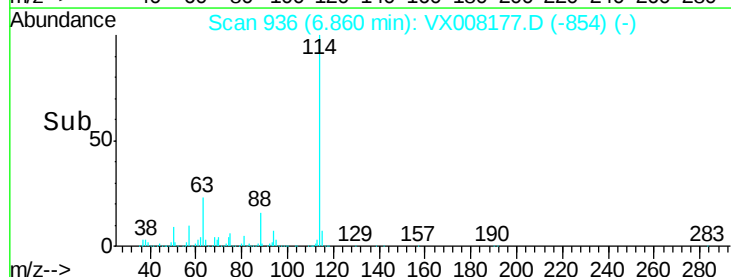
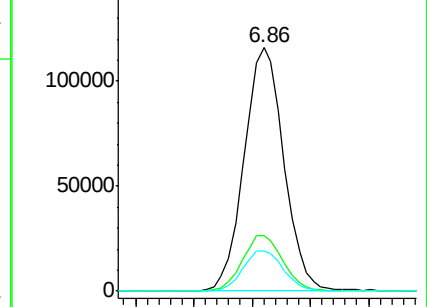
88 17.0 11.9 17.9

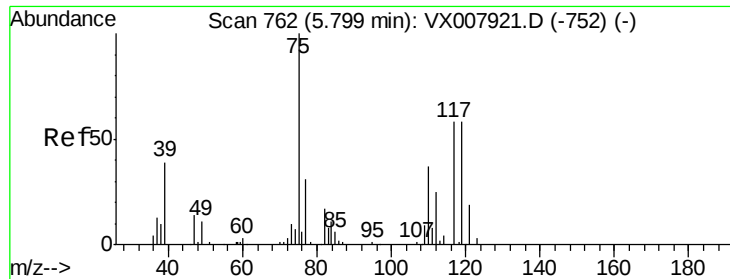


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

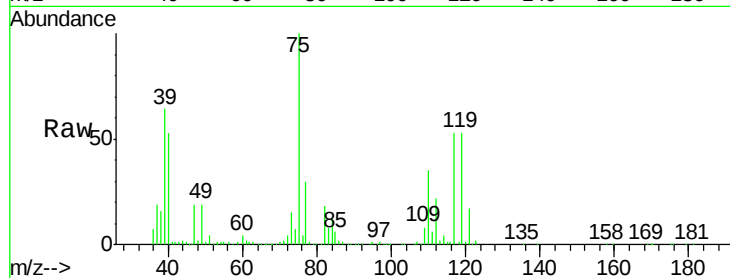




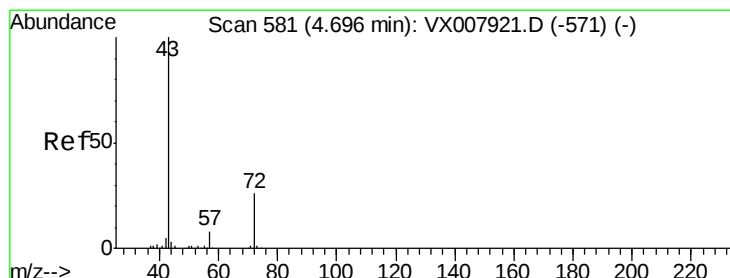
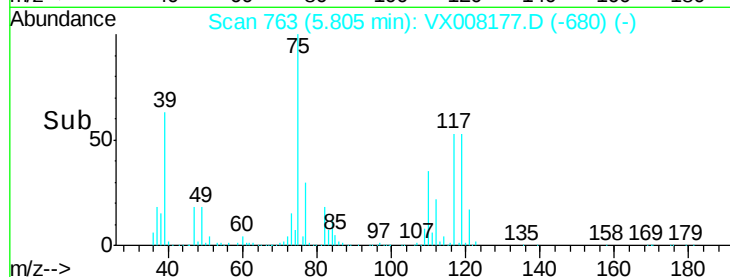
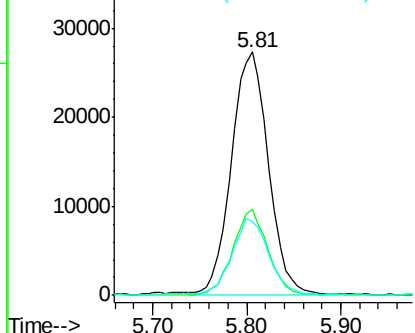
#29
 1,1-Dichloropropene
 Concen: 20.575 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 75 Resp: 74944
 Ion Ratio Lower Upper
 75 100
 110 33.5 0.0 80.8
 77 30.8 0.0 62.4

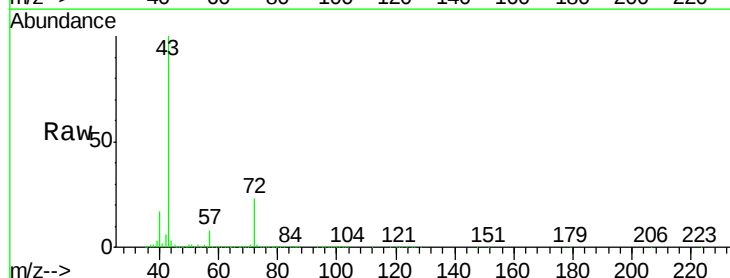


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VX0

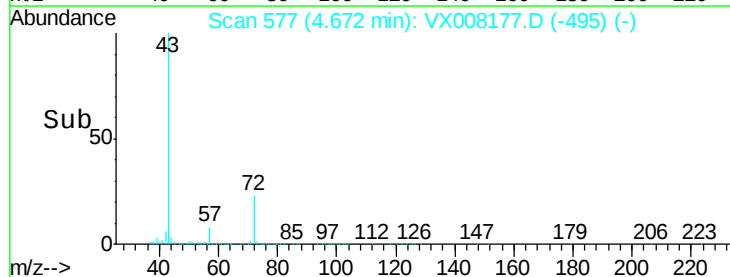
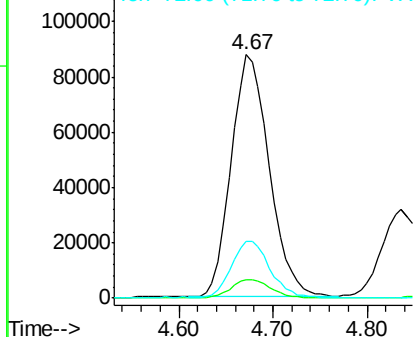


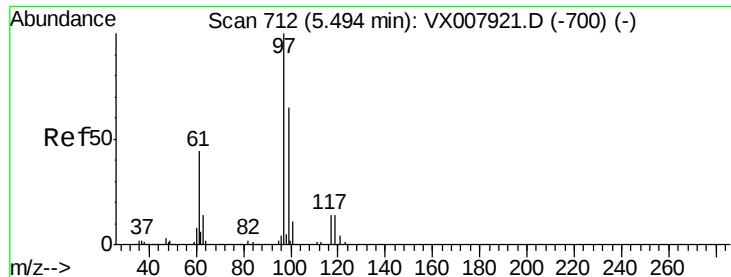
#30
 2-Butanone
 Concen: 97.060 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 43 Resp: 247828
 Ion Ratio Lower Upper
 43 100
 57 7.7 7.0 10.6
 72 23.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0





#32

1,1,1-Trichloroethane

Concen: 20.890 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

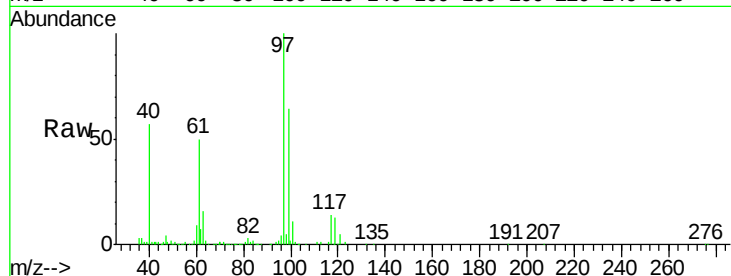
Tot Ion: 97 Resp: 80598

Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

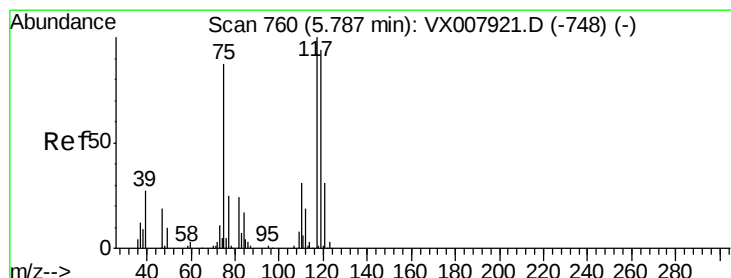
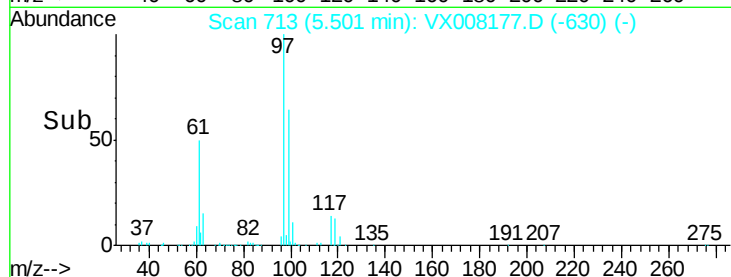
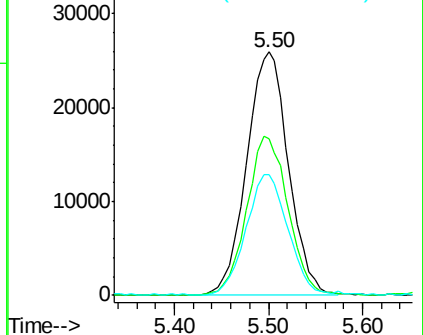
61 50.0 32.8 49.2#



Abundance Ion 97.00 (96.70 to 97.70): VX008177.D (-630) (-)

Ion 99.00 (98.70 to 99.70): VX008177.D (-630) (-)

Ion 61.00 (60.70 to 61.70): VX008177.D (-630) (-)



#33

Carbon Tetrachloride

Concen: 20.542 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

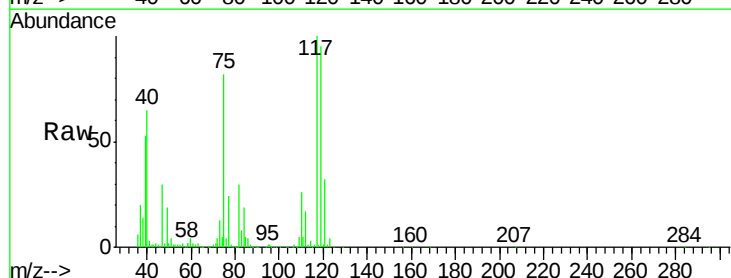
Tgt Ion: 117 Resp: 66514

Ion Ratio Lower Upper

117 100

119 95.0 78.1 117.1

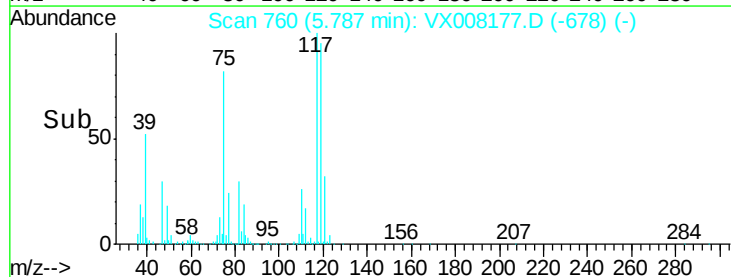
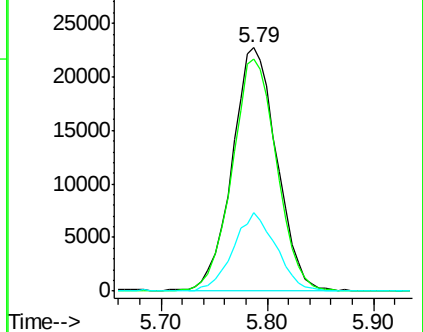
121 32.1 27.0 40.6

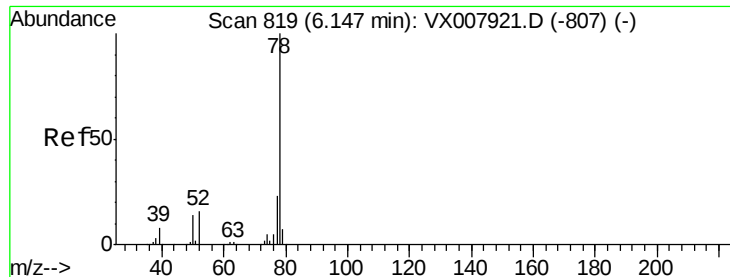


Abundance Ion 117.00 (116.70 to 117.70): VX008177.D (-678) (-)

Ion 119.00 (118.70 to 119.70): VX008177.D (-678) (-)

Ion 121.00 (120.70 to 121.70): VX008177.D (-678) (-)





#34

Benzene

Concen: 21.073 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

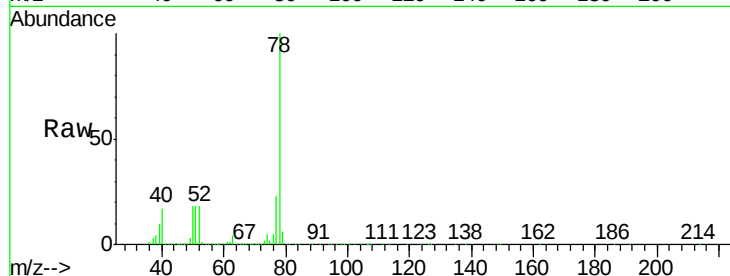
Tot Ion: 78 Resp: 229532

Ion Ratio Lower Upper

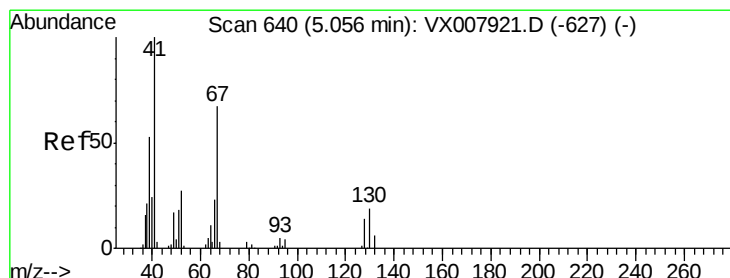
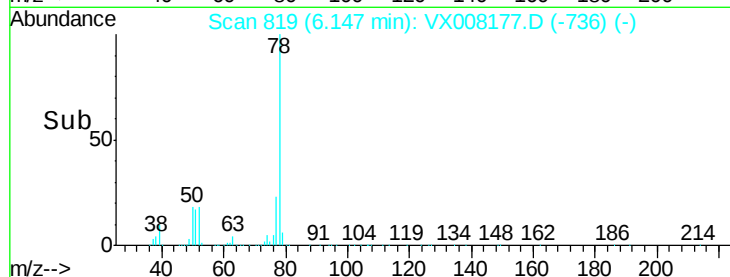
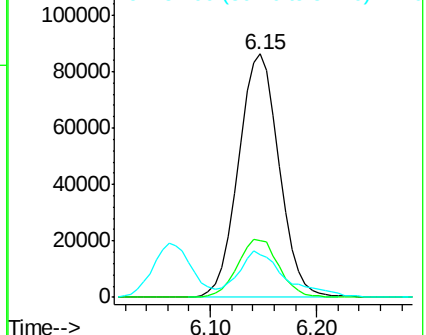
78 100

77 23.4 19.1 28.7

51 16.1 10.8 16.2



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#35

Methacrylonitrile

Concen: 21.260 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Tgt Ion: 41 Resp: 52813

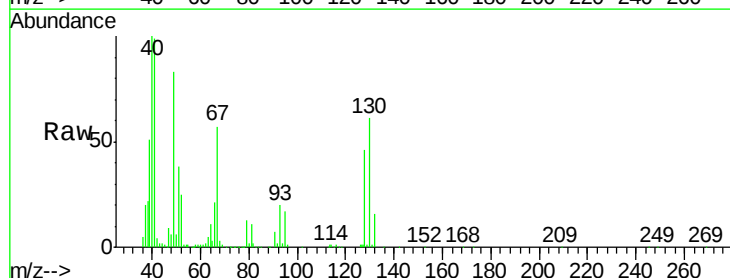
Ion Ratio Lower Upper

41 100

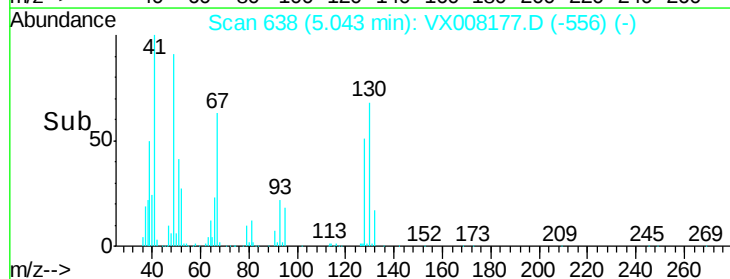
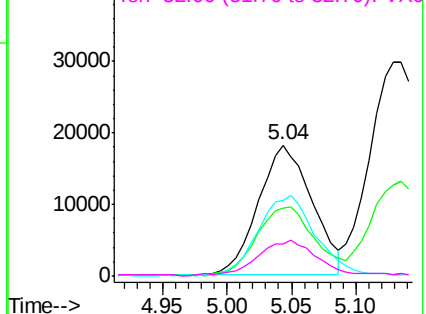
39 51.3 27.4 82.0

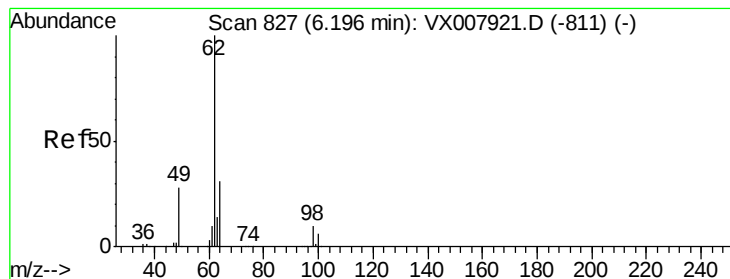
67 57.2 37.9 113.6

52 25.1 13.3 39.9



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





#36

1,2-Dichloroethane

Concen: 21.616 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

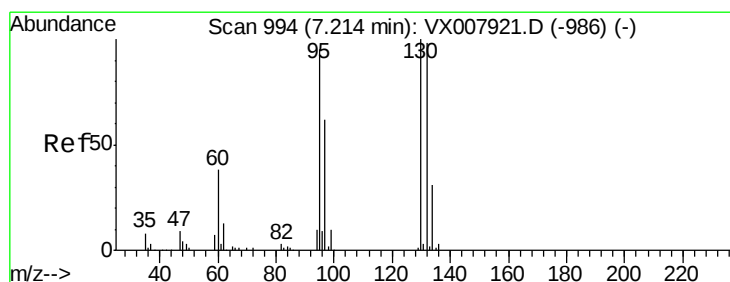
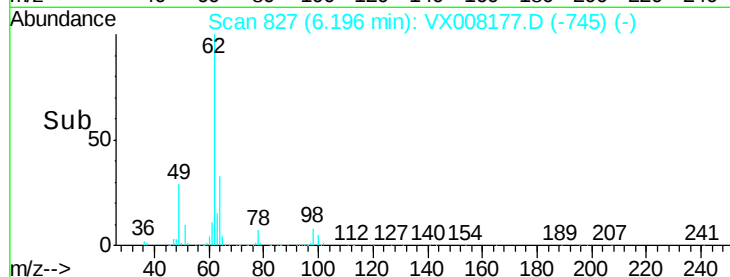
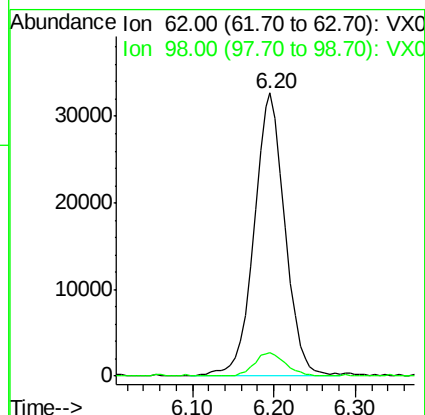
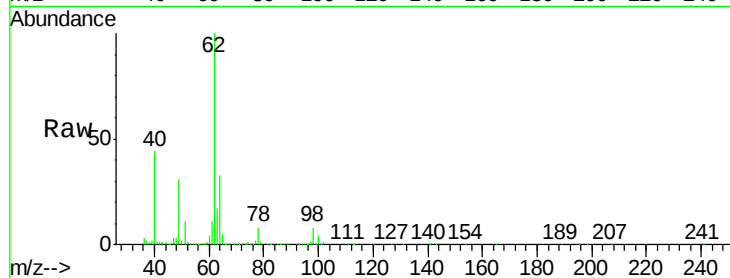
VSTDCCC020EC

Tot Ion: 62 Resp: 85455

Ion Ratio Lower Upper

62 100

98 8.5 7.8 11.8



#37

Trichloroethene

Concen: 20.390 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008177.D

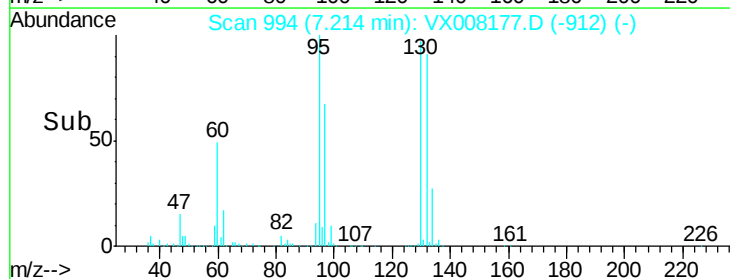
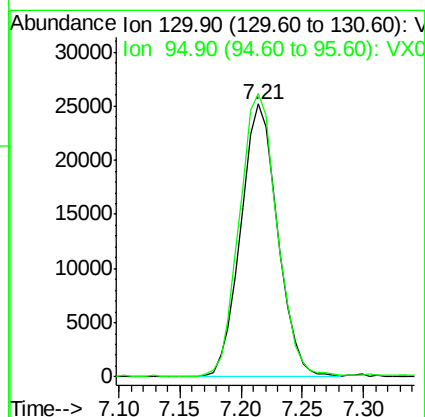
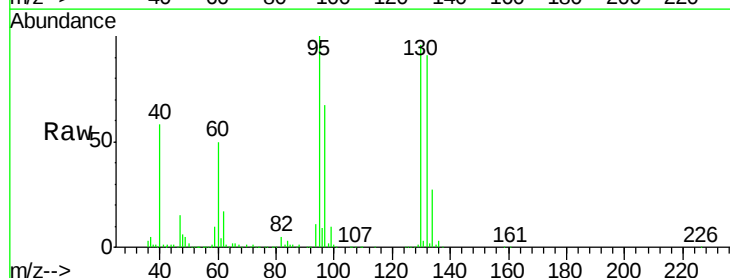
Acq: 18 Mar 2019 20:14

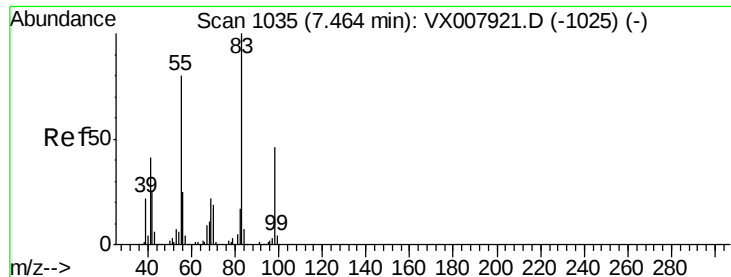
Tgt Ion:130 Resp: 52924

Ion Ratio Lower Upper

130 100

95 103.5 71.3 106.9

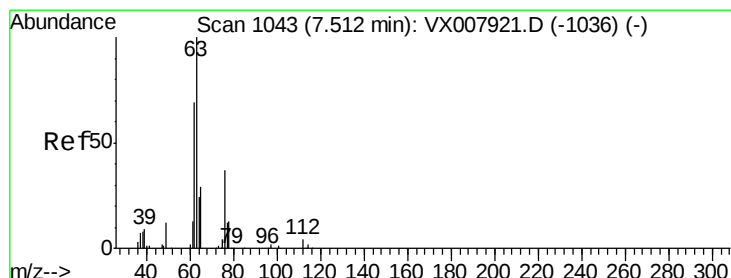
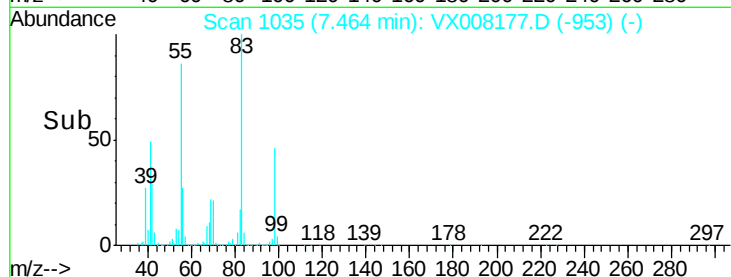
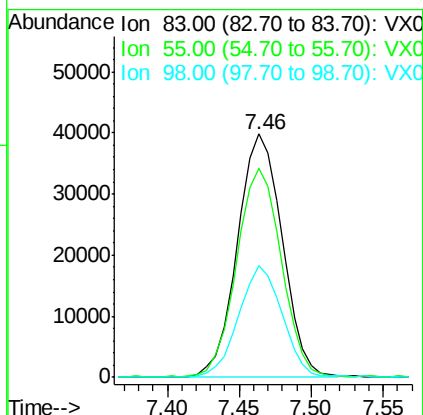
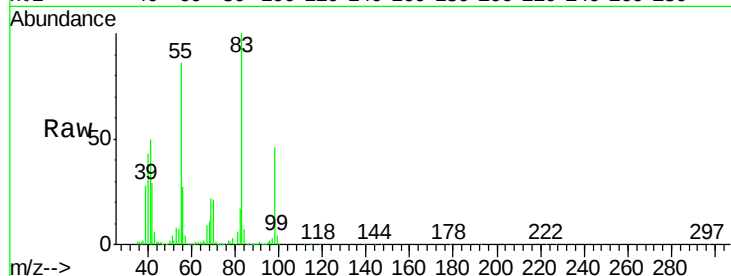




#38
Methvlcvclohexane
Concen: 19.292 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

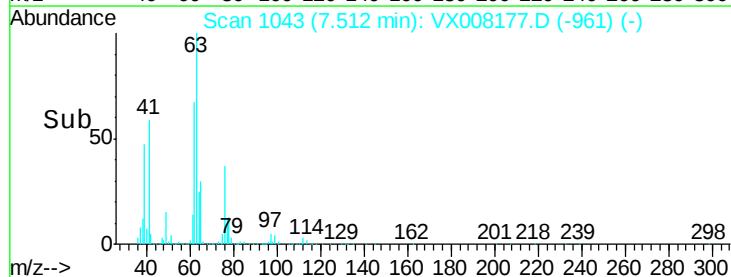
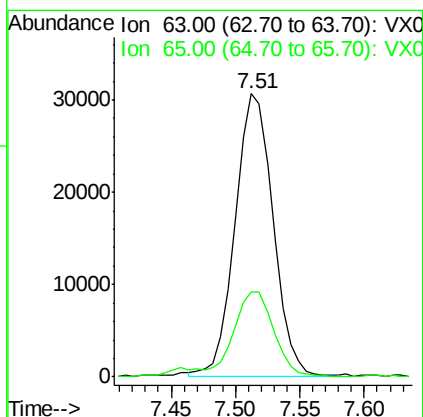
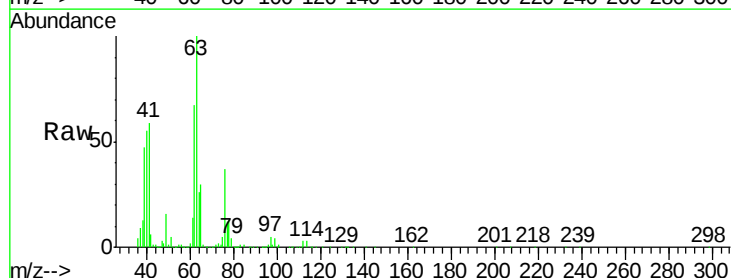
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

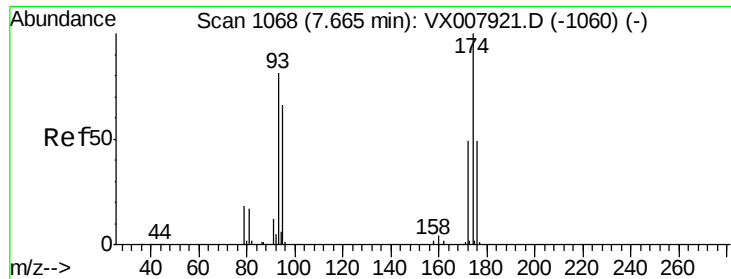
Tot Ion: 83 Resp: 85356
Ion Ratio Lower Upper
83 100
55 86.0 36.0 108.0
98 45.3 23.8 71.4



#39
1,2-Dichloropropane
Concen: 21.009 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 63 Resp: 62321
Ion Ratio Lower Upper
63 100
65 29.8 24.6 37.0

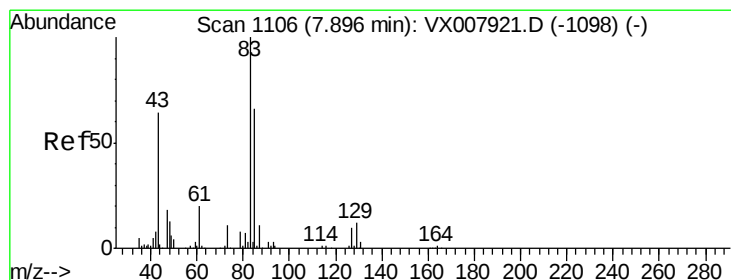
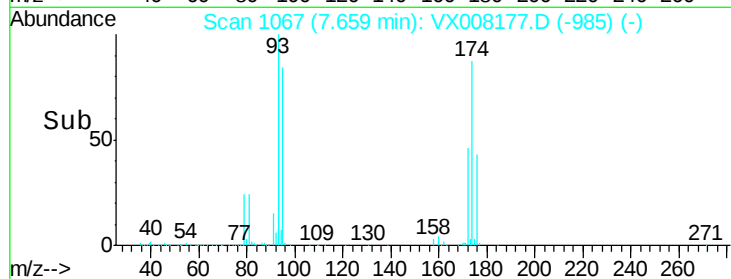
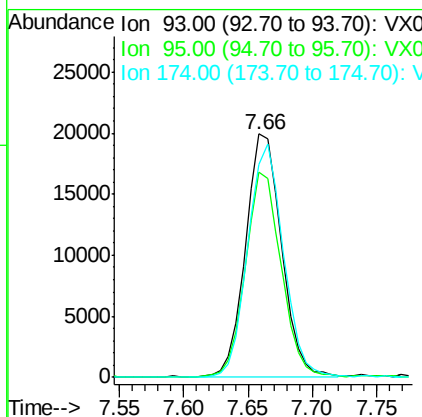
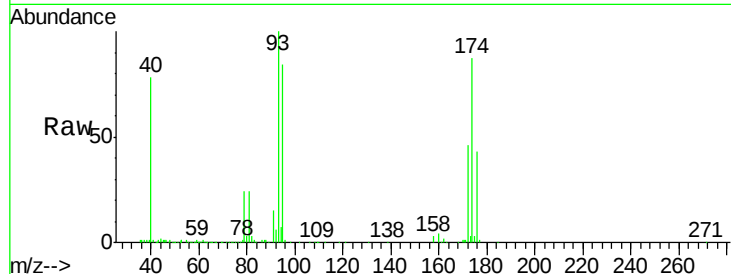




#40
Dibromomethane
Concen: 21.268 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

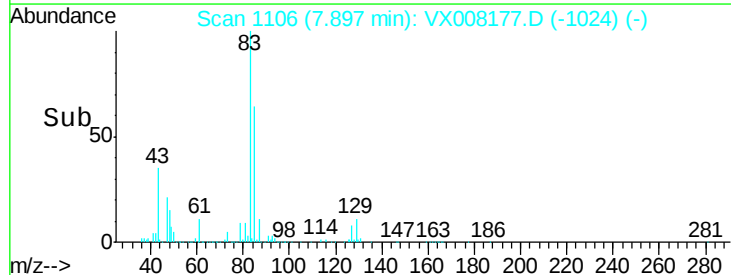
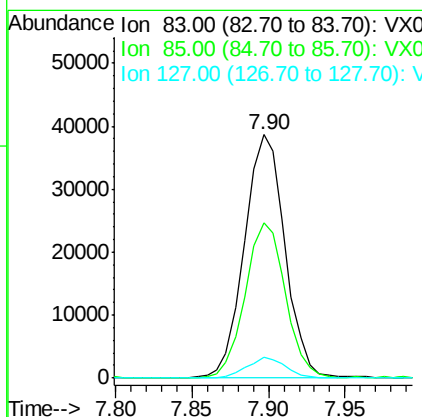
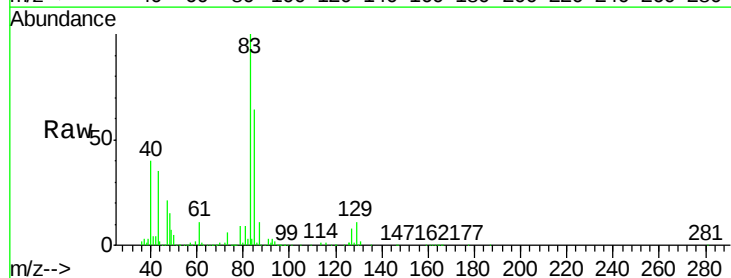
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

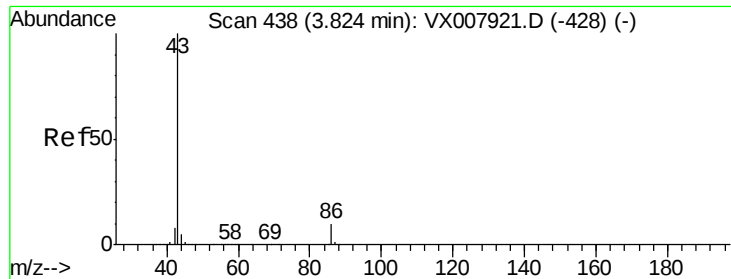
Tot Ion: 93 Resp: 38626
Ion Ratio Lower Upper
93 100
95 83.4 0.0 158.8
174 94.4 0.0 224.2



#41
Bromodichloromethane
Concen: 20.301 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 83 Resp: 71295
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 8.4 7.2 10.8





#42

Vinyl Acetate

Concen: 106.016 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

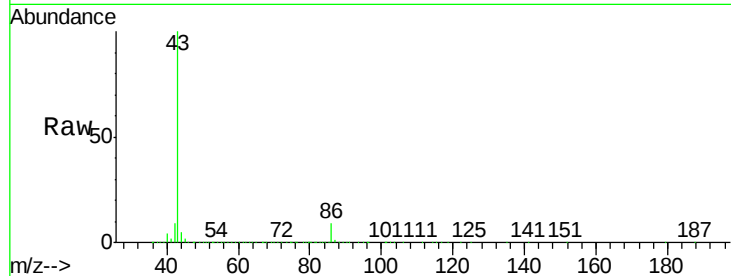
VSTDCCC020EC

Tot Ion: 43 Resp: 910376

Ion Ratio Lower Upper

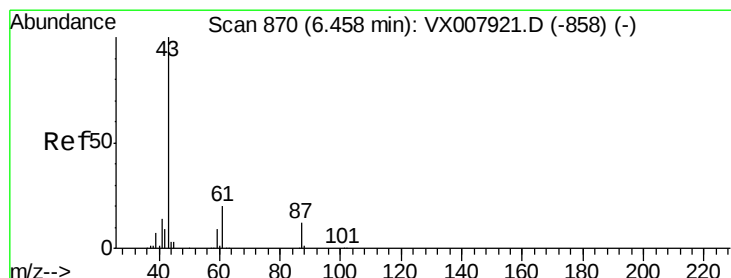
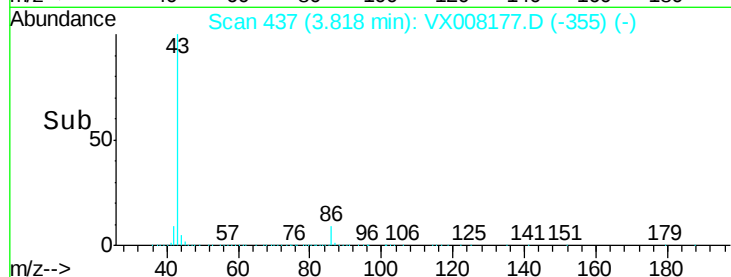
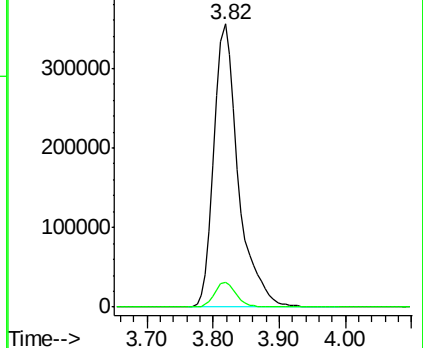
43 100

86 7.9 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#44

Isopropyl Acetate

Concen: 21.221 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008177.D

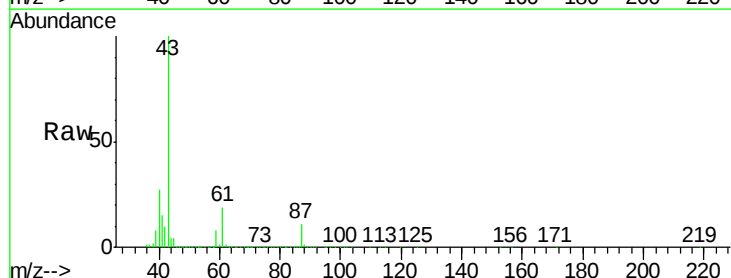
Acq: 18 Mar 2019 20:14

Tgt Ion: 43 Resp: 149004

Ion Ratio Lower Upper

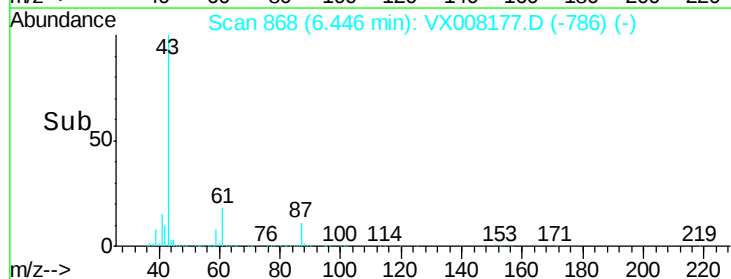
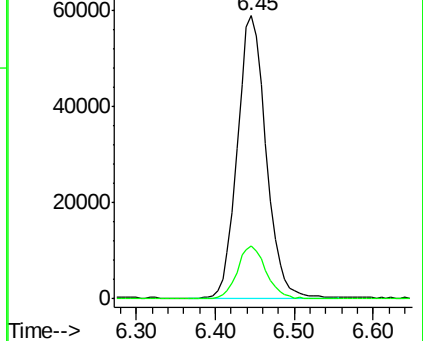
43 100

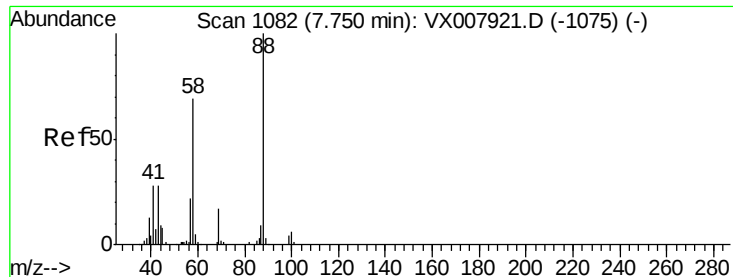
61 18.6 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 406.324 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

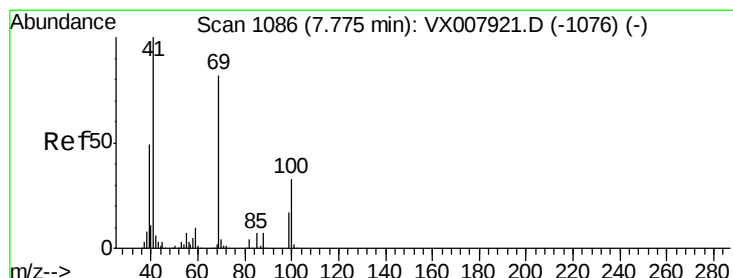
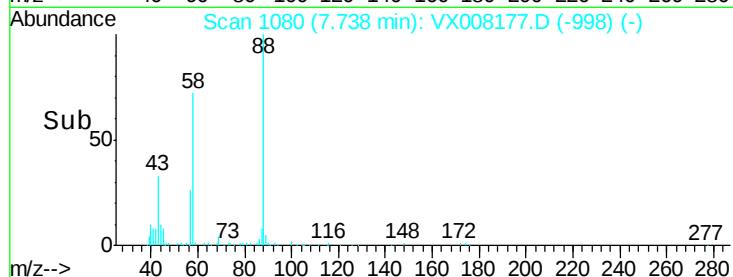
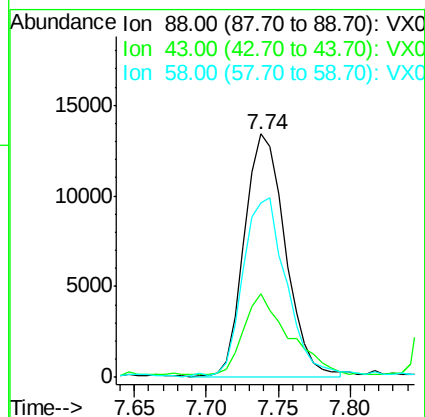
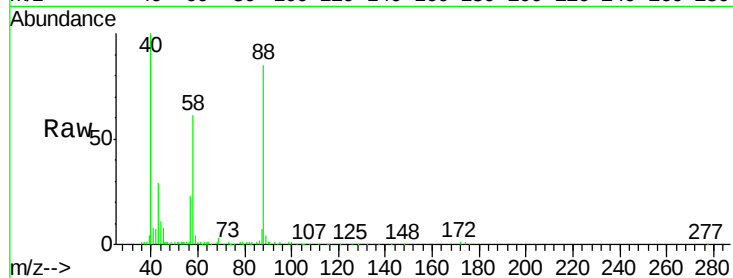
Tot Ion: 88 Resp: 26651

Ion Ratio Lower Upper

88 100

43 36.9 23.6 35.4#

58 76.2 51.6 77.4



#46

Methyl methacrylate

Concen: 20.824 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

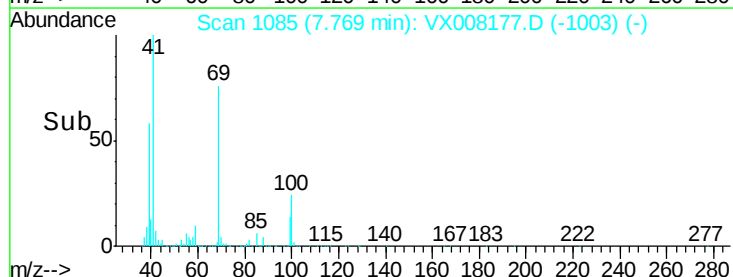
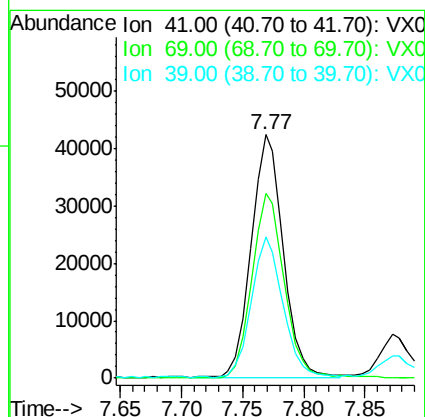
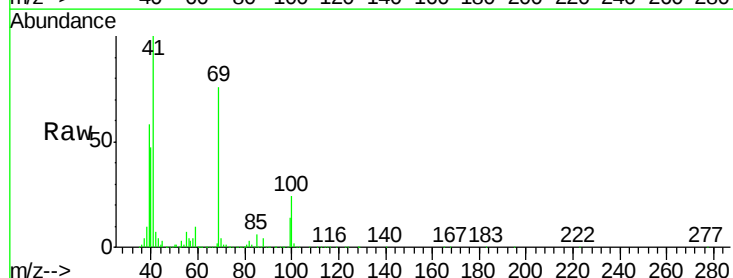
Tgt Ion: 41 Resp: 77147

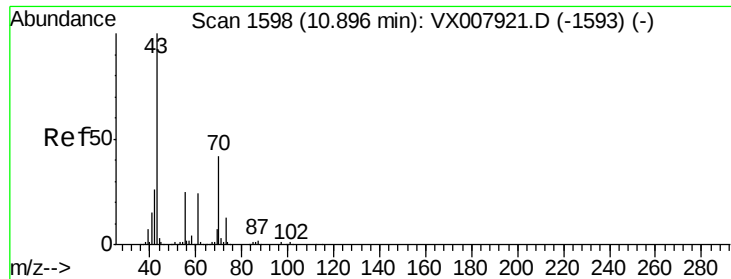
Ion Ratio Lower Upper

41 100

69 75.9 44.2 132.6

39 57.7 29.9 89.8





#47

n-amvl Acetate

Concen: 20.640 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

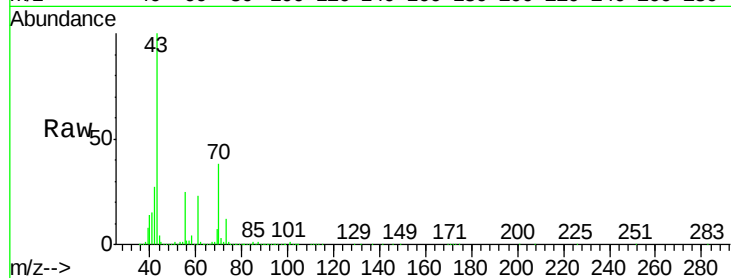
VSTDCCC020EC

Tot Ion: 43 Resp: 123838

Ion Ratio Lower Upper

43 100

55 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

120000

100000

80000

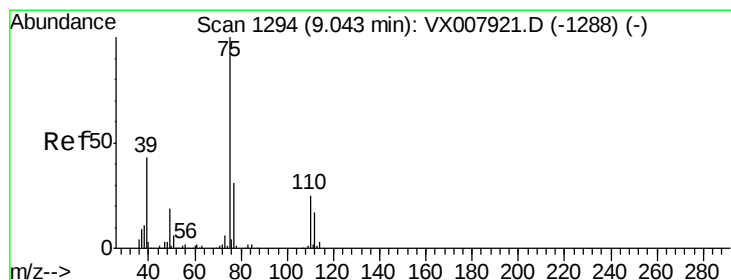
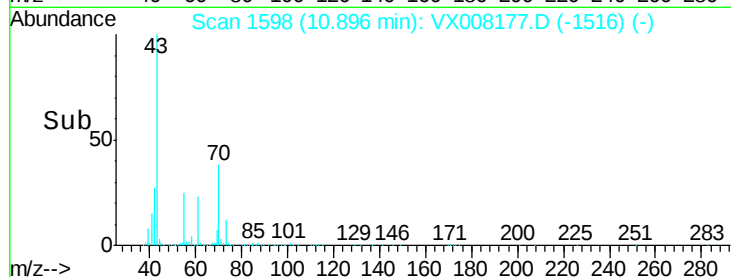
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.366 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008177.D

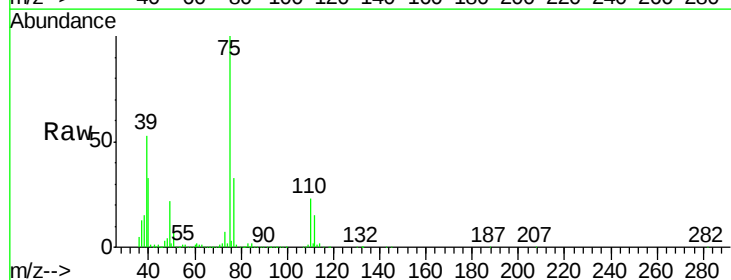
Acq: 18 Mar 2019 20:14

Tgt Ion: 75 Resp: 75170

Ion Ratio Lower Upper

75 100

77 32.7 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

60000

50000

40000

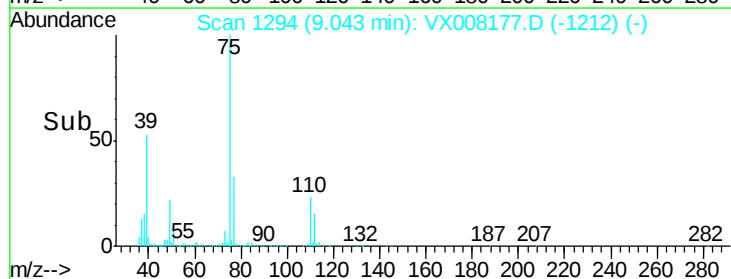
30000

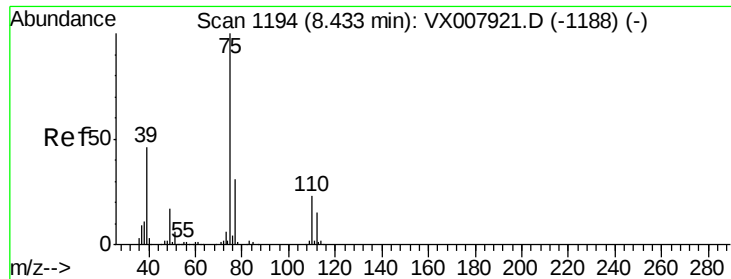
20000

10000

0

Time-->



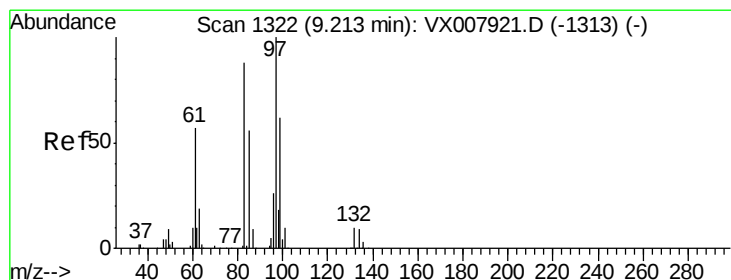
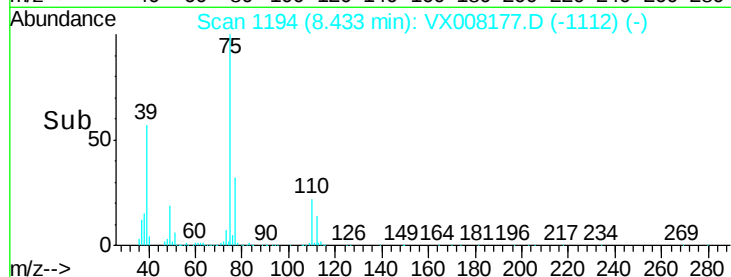
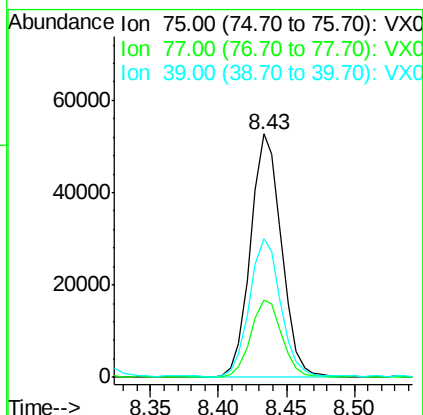
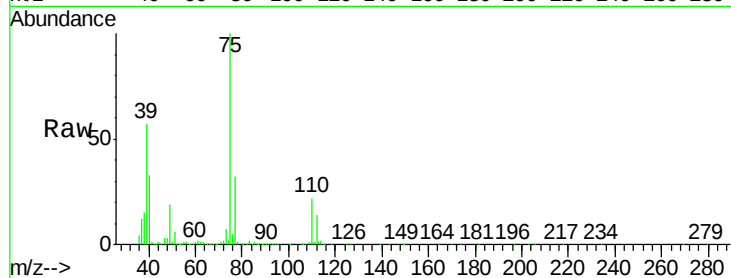


#49

cis-1,3-Dichloropropene
 Concen: 19.617 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

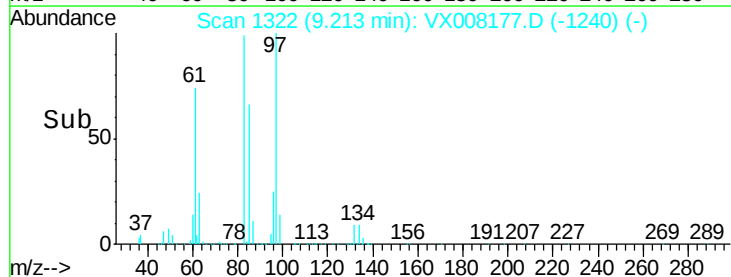
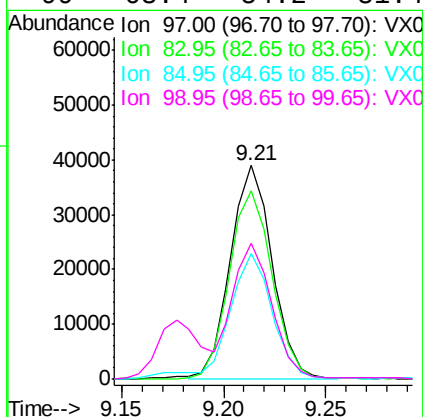
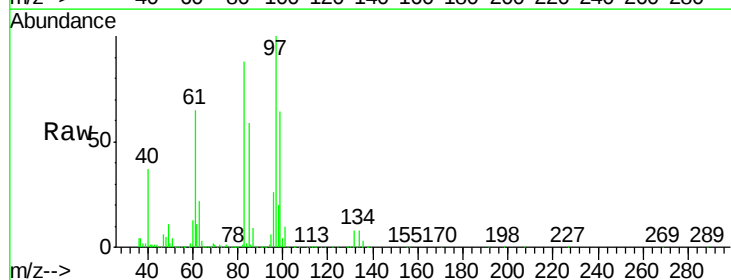
Tot Ion: 75 Resp: 84714
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4
 39 56.3 38.5 57.7

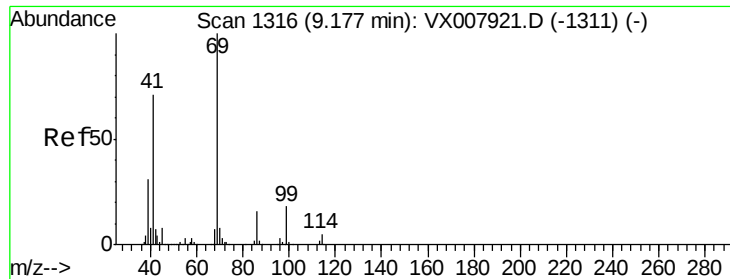


#50

1,1,2-Trichloroethane
 Concen: 21.278 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 97 Resp: 55483
 Ion Ratio Lower Upper
 97 100
 83 87.8 72.0 108.0
 85 58.4 45.0 67.6
 99 63.4 54.2 81.4





#51

Ethyl methacrylate

Concen: 20.852 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

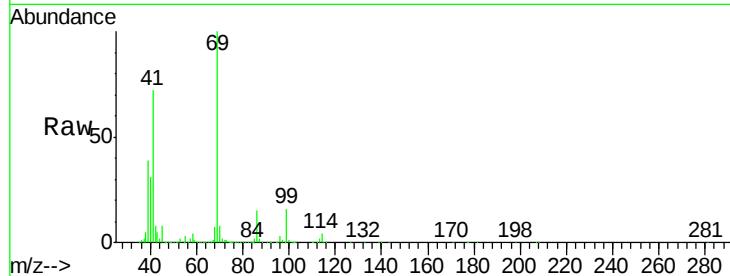
Tot Ion: 69 Resp: 88144

Ion Ratio Lower Upper

69 100

41 72.2 32.1 96.5

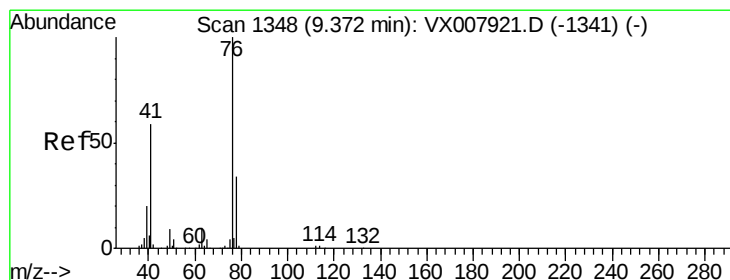
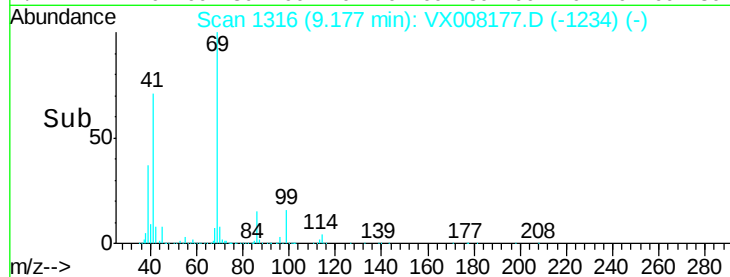
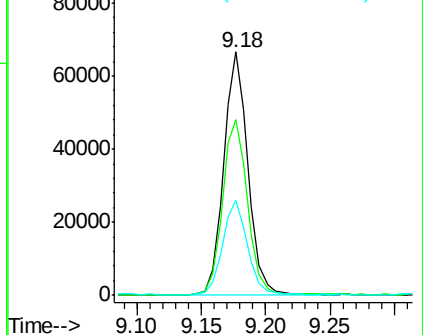
39 38.6 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 21.158 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008177.D

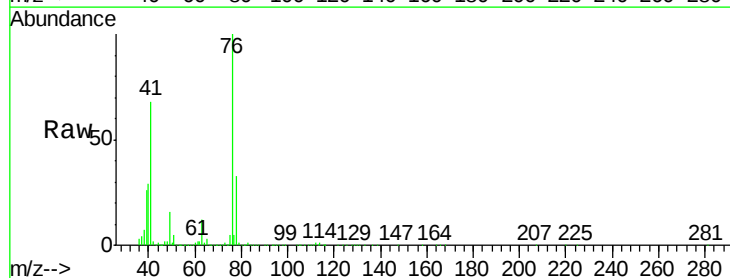
Acq: 18 Mar 2019 20:14

Tgt Ion: 76 Resp: 98783

Ion Ratio Lower Upper

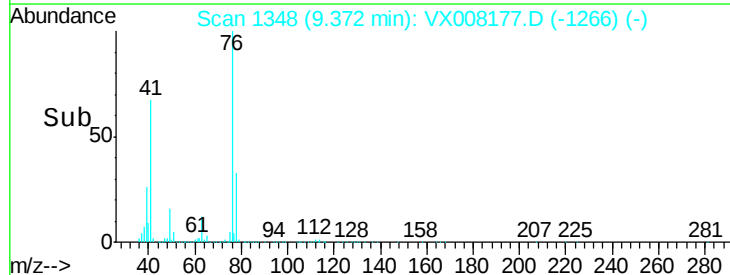
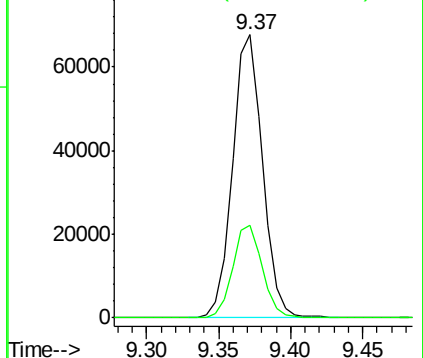
76 100

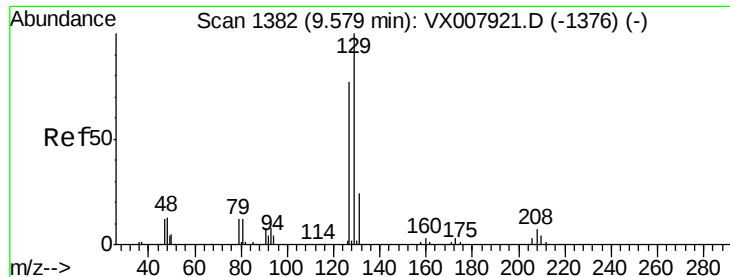
78 32.1 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.226 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

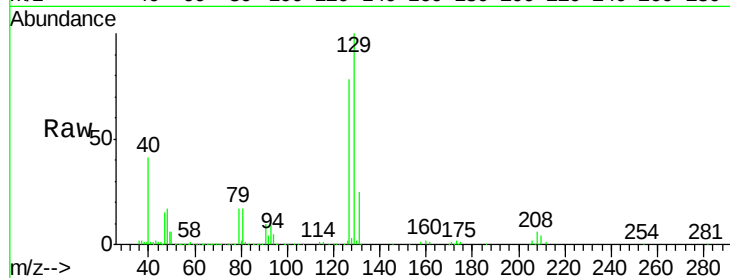
VSTDCCC020EC

Tot Ion:129 Resp: 50997

Ion Ratio Lower Upper

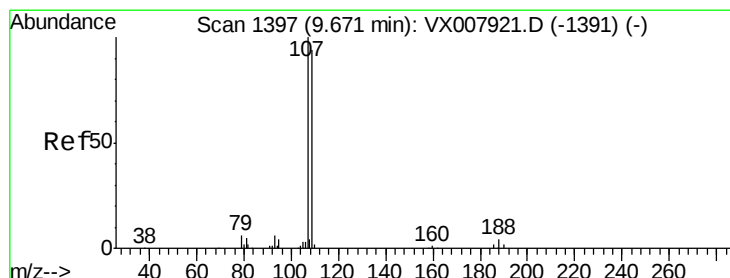
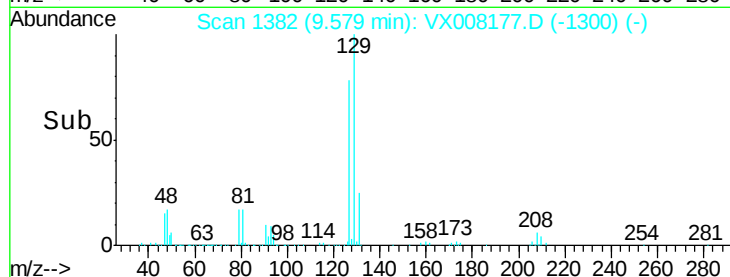
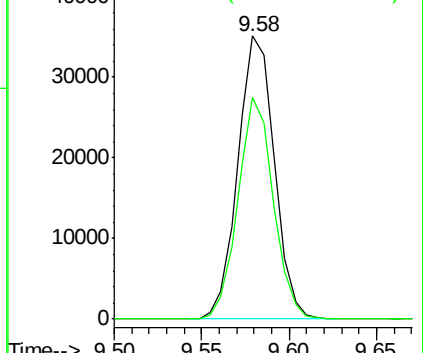
129 100

127 75.4 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.931 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008177.D

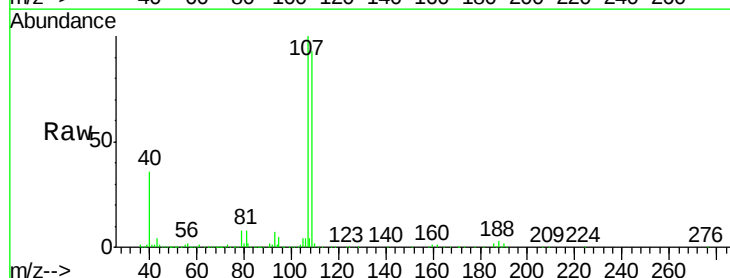
Acq: 18 Mar 2019 20:14

Tgt Ion:107 Resp: 56963

Ion Ratio Lower Upper

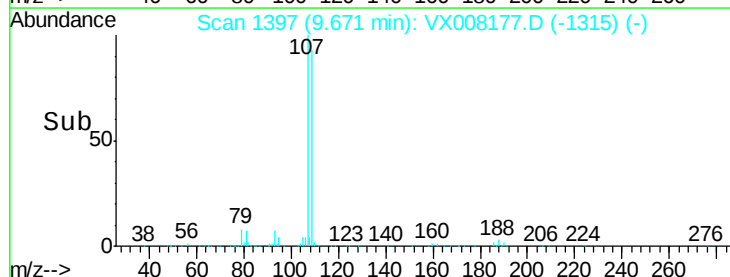
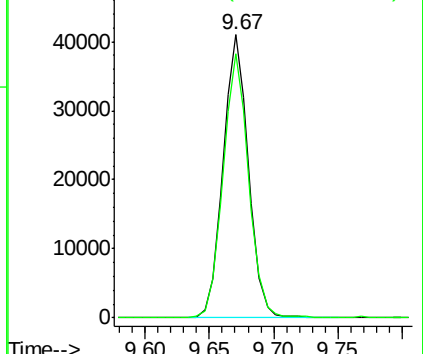
107 100

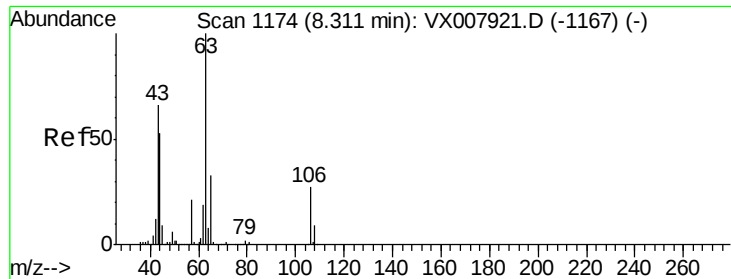
109 93.0 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

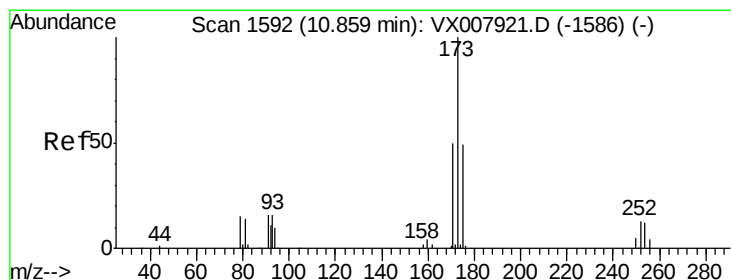
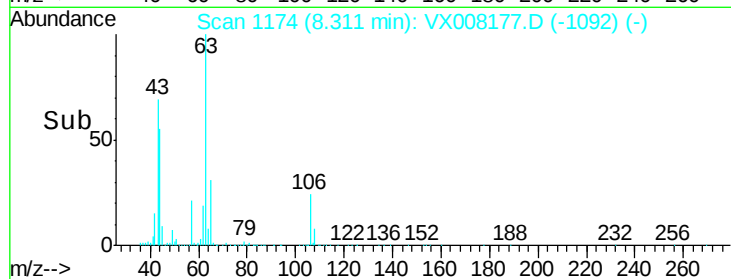
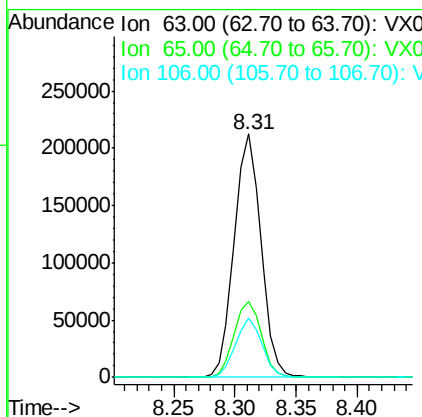
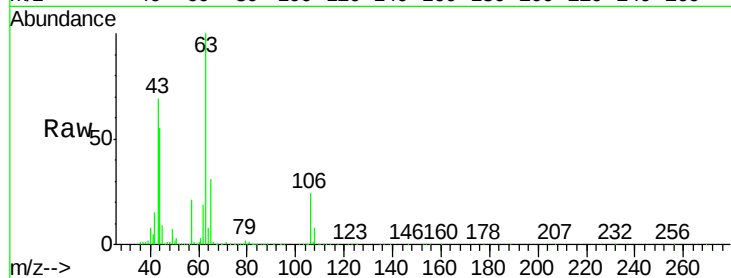




#55
2-Chloroethyl vinyl ether
Concen: 107.354 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

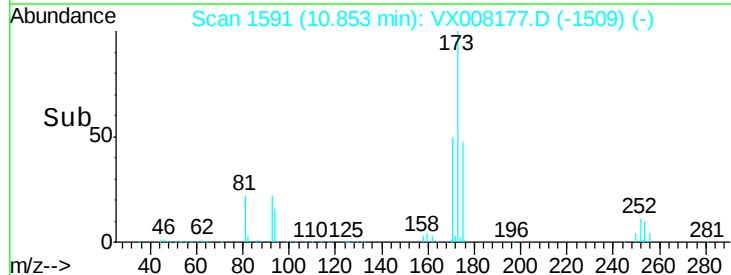
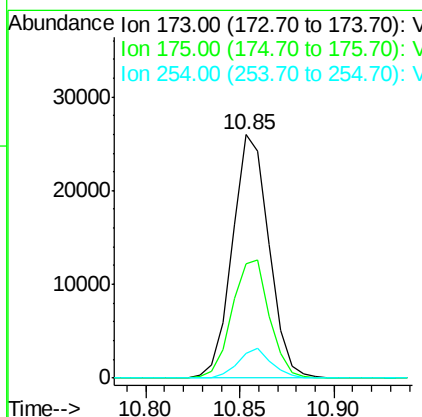
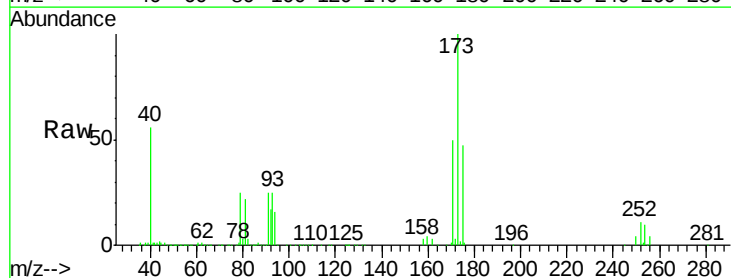
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

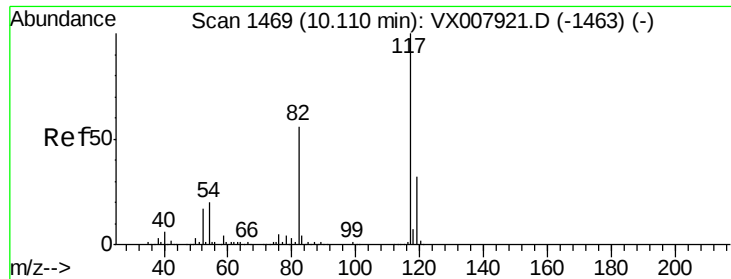
Tot Ion: 63 Resp: 323083
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 24.0 23.7 35.5



#56
Bromoform
Concen: 19.260 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 173 Resp: 34937
Ion Ratio Lower Upper
173 100
175 49.7 38.5 57.7
254 11.2 7.4 11.2#

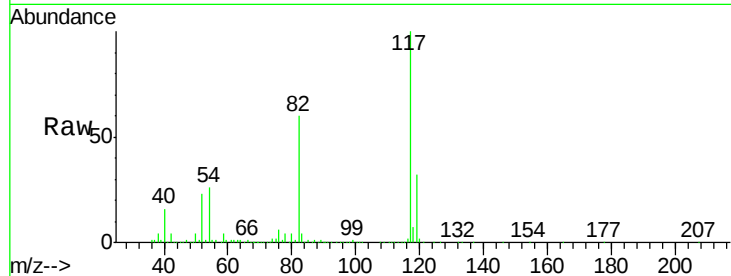




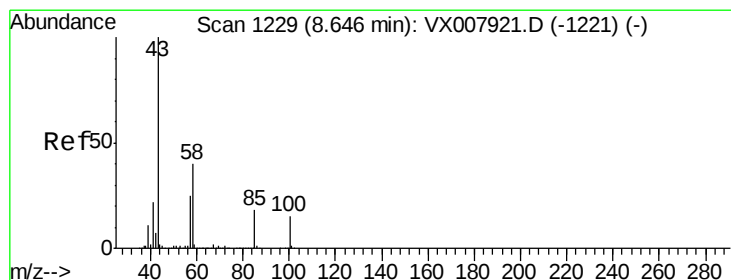
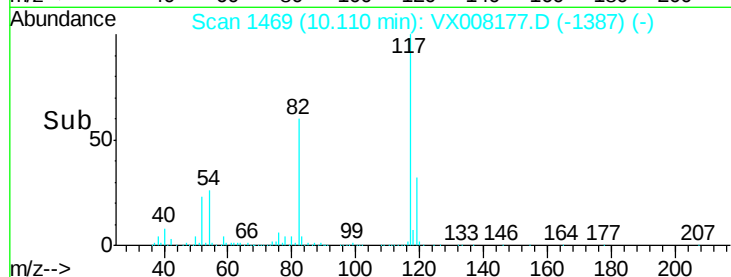
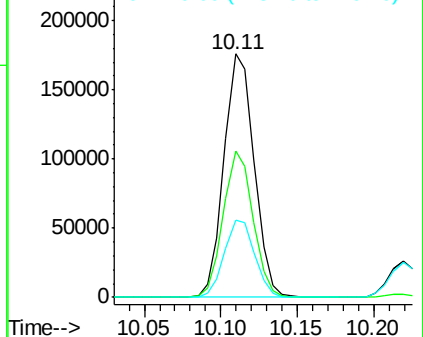
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 240702
Ion Ratio Lower Upper
117 100
82 59.3 40.4 60.6
119 32.1 25.8 38.6

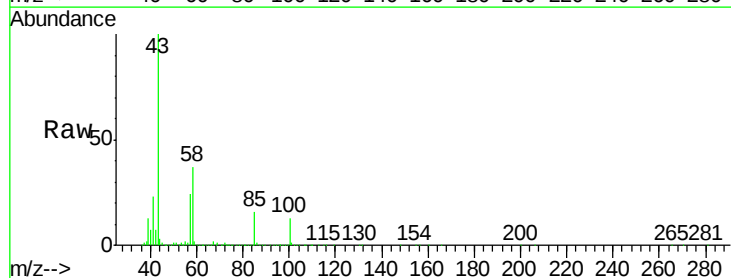


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

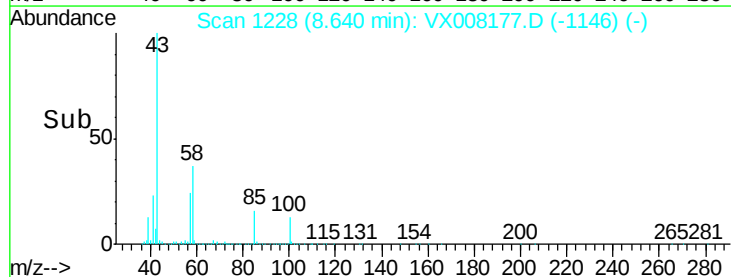
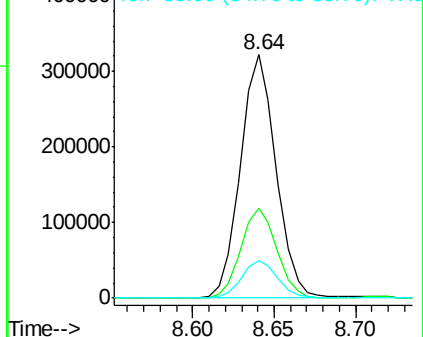


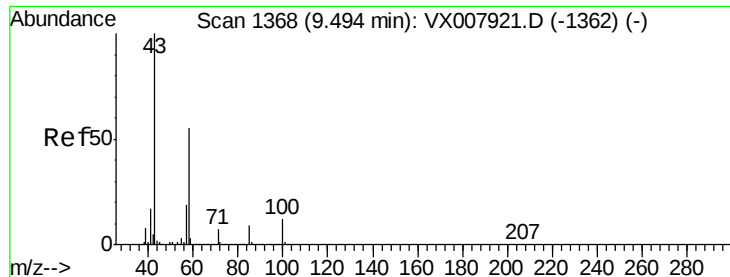
#58
4-Methyl-2-Pentanone
Concen: 106.129 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 43 Resp: 488562
Ion Ratio Lower Upper
43 100
58 37.4 31.4 47.0
85 15.5 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

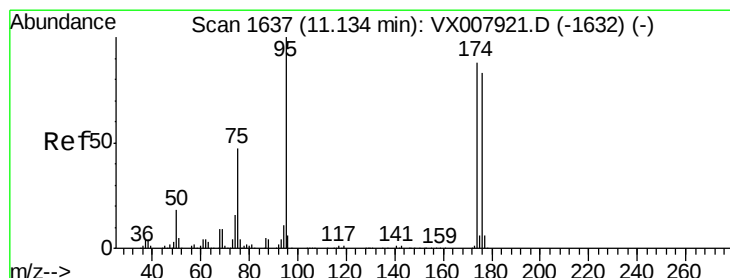
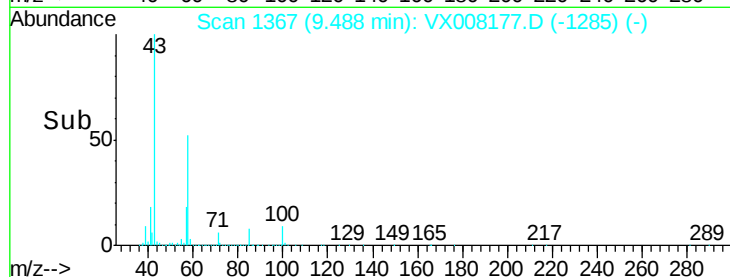
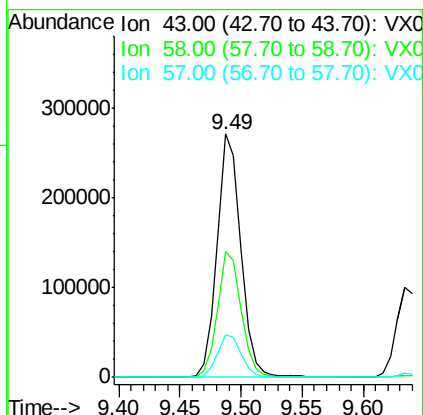
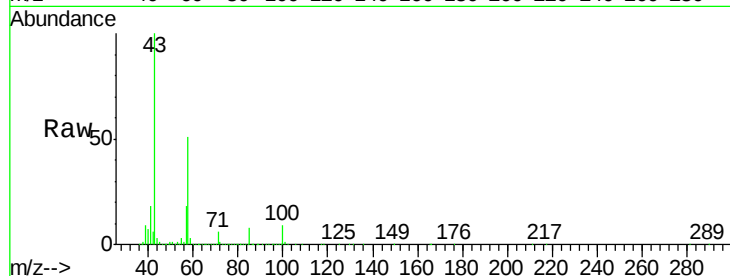




#59
2-Hexanone
Concen: 101.787 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

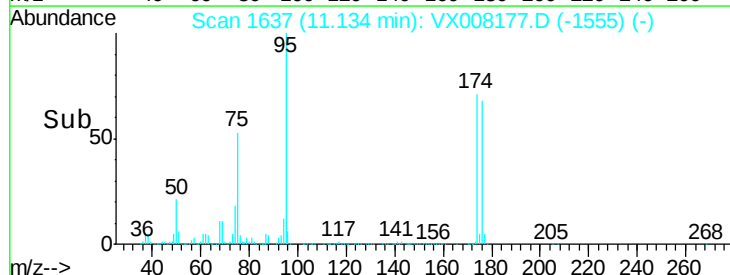
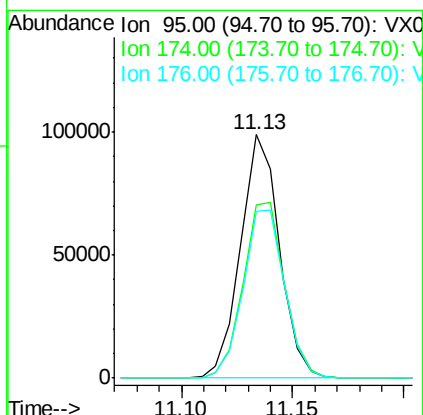
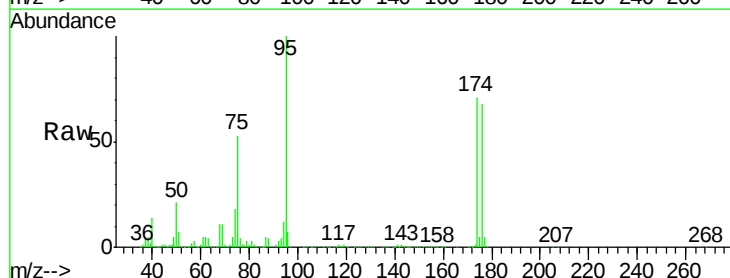
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

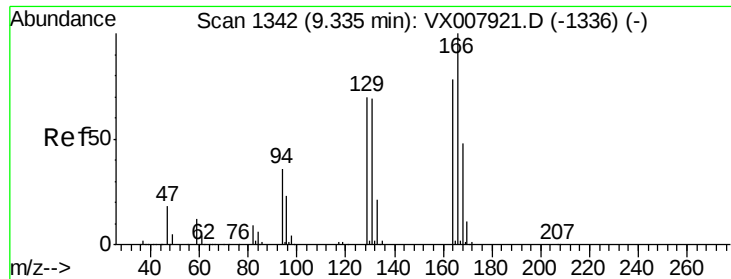
Tot Ion: 43 Resp: 369695
Ion Ratio Lower Upper
43 100
58 51.5 43.9 65.9
57 17.8 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.917 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 95 Resp: 120180
Ion Ratio Lower Upper
95 100
174 77.1 74.9 112.3
176 74.2 70.7 106.1

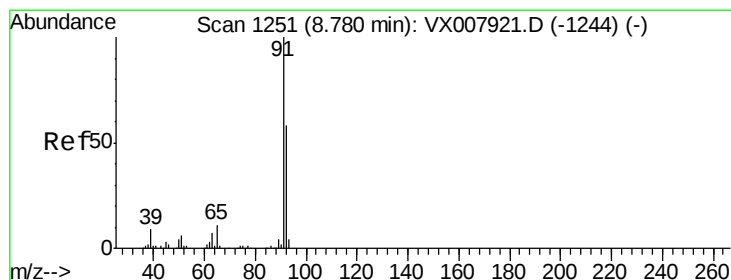
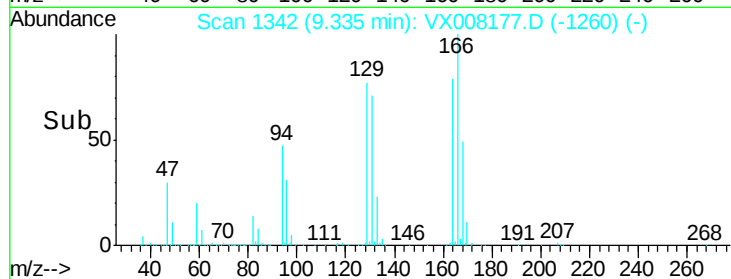
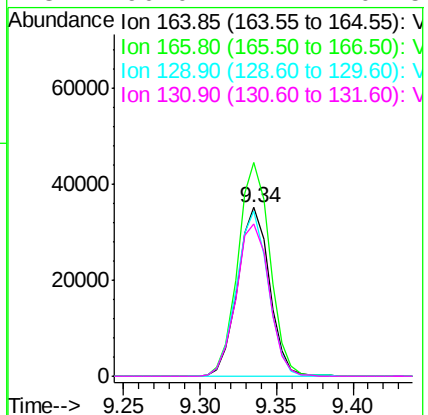
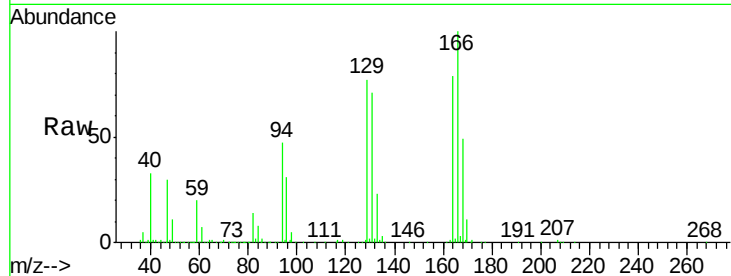




#61
Tetrachloroethene
Concen: 20.904 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

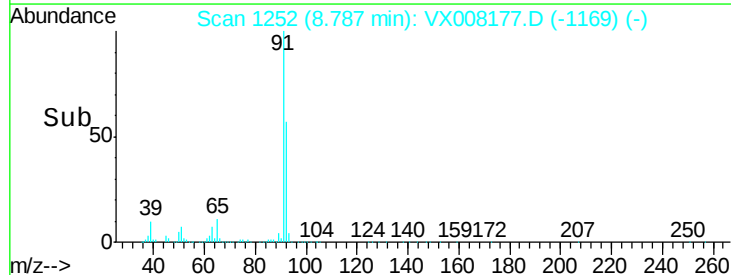
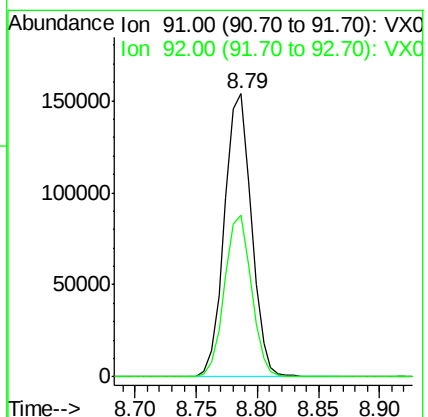
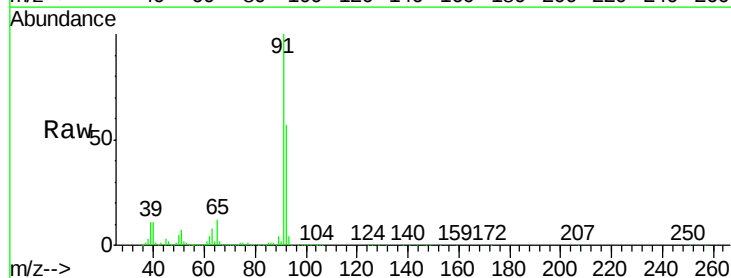
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

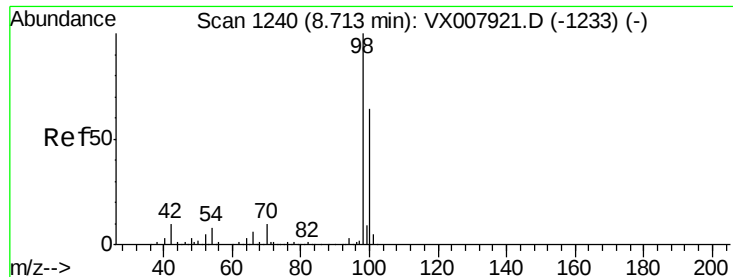
Tot Ion:164 Resp: 50675
Ion Ratio Lower Upper
164 100
166 126.7 103.9 155.9
129 97.5 74.7 112.1
131 90.0 71.7 107.5



#62
Toluene
Concen: 20.623 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 91 Resp: 234762
Ion Ratio Lower Upper
91 100
92 57.3 46.4 69.6

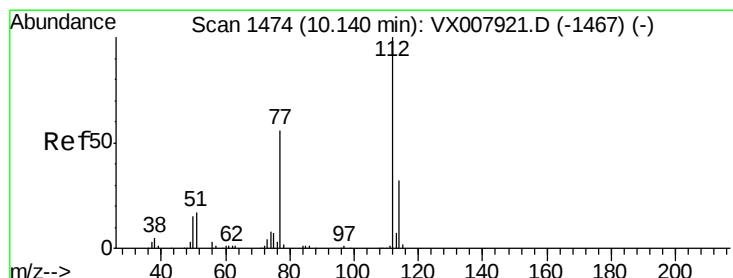
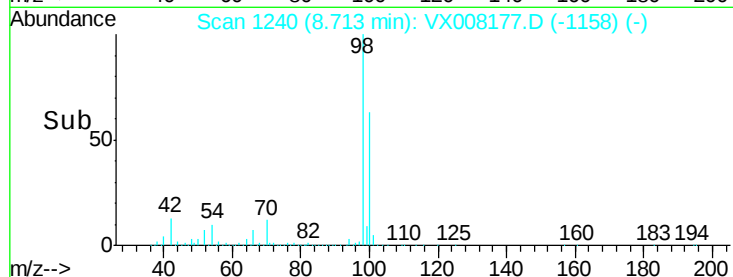
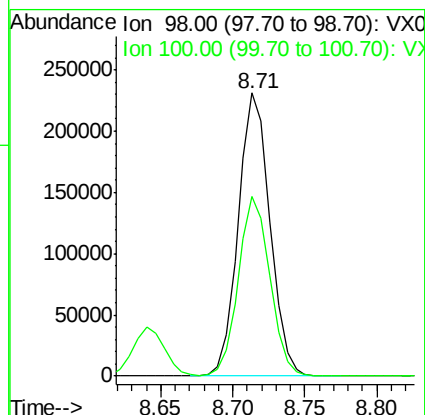
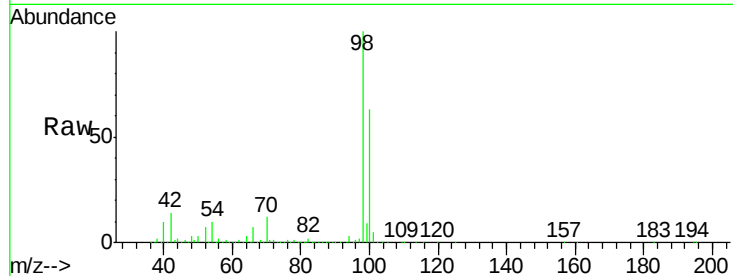




#63
Toluene-d8
Concen: 30.305 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

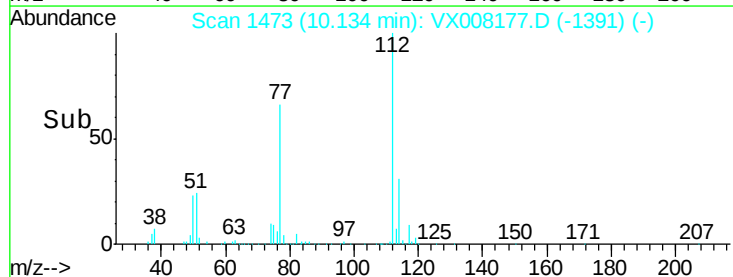
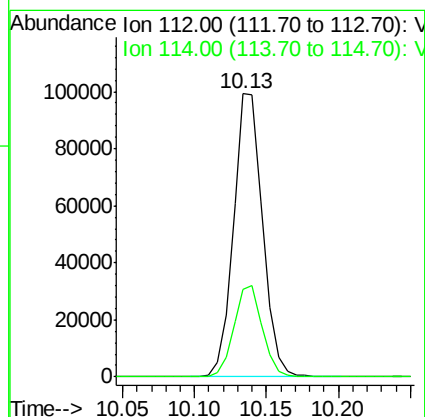
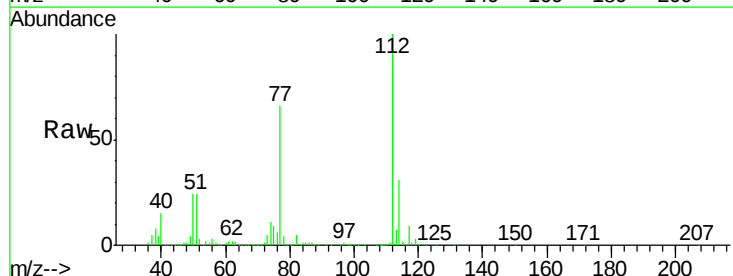
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

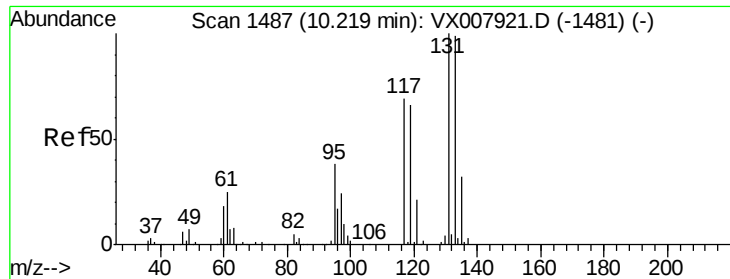
Tot Ion: 98 Resp: 354426
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#64
Chlorobenzene
Concen: 20.694 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 112 Resp: 140204
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2

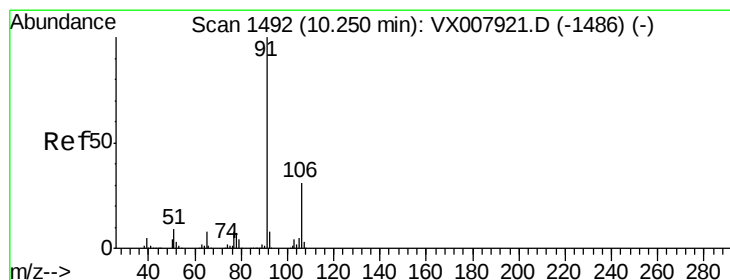
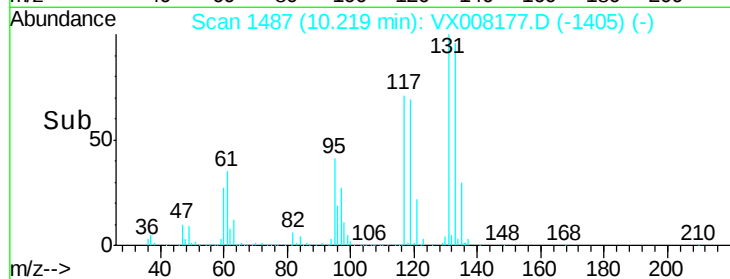
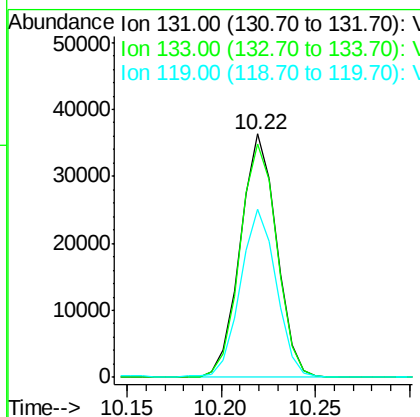
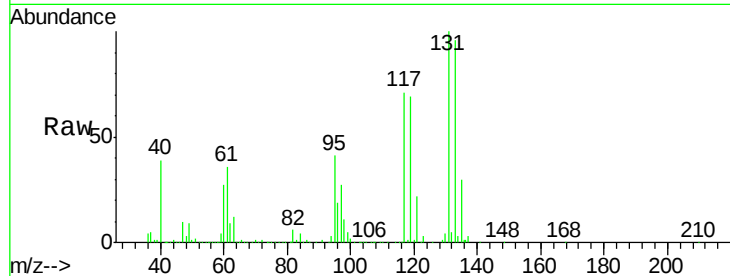




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.376 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

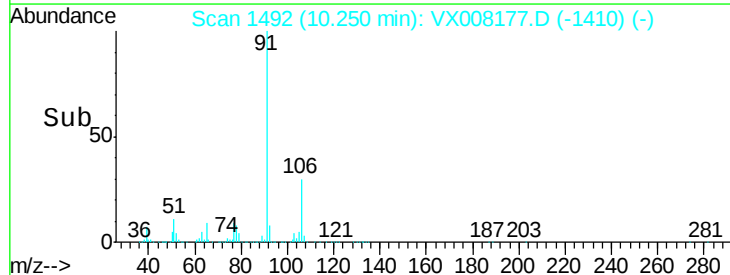
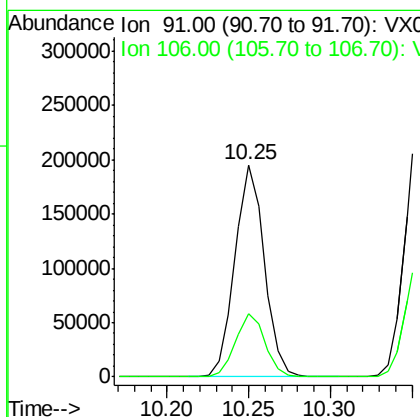
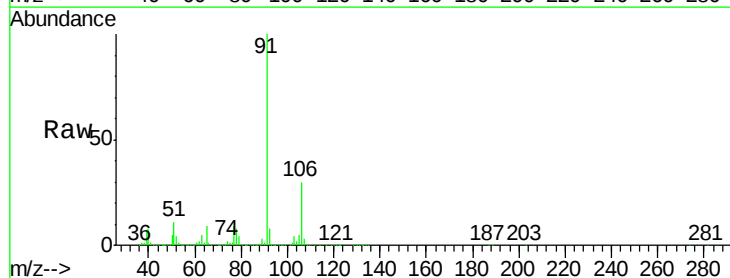
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

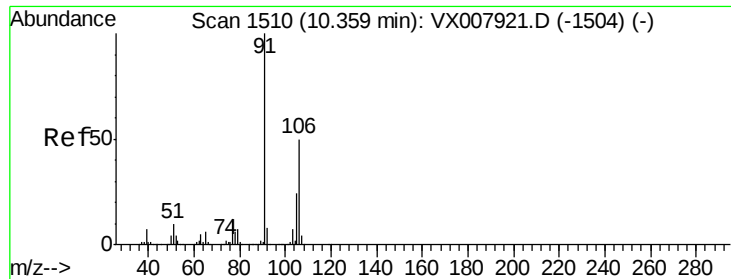
Tot Ion:131 Resp: 48406
 Ion Ratio Lower Upper
 131 100
 133 98.2 0.0 191.6
 119 68.7 0.0 127.4



#66
 Ethyl Benzene
 Concen: 20.166 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 91 Resp: 245190
 Ion Ratio Lower Upper
 91 100
 106 29.6 26.0 39.0





#67

m/p-Xylenes

Concen: 40.007 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

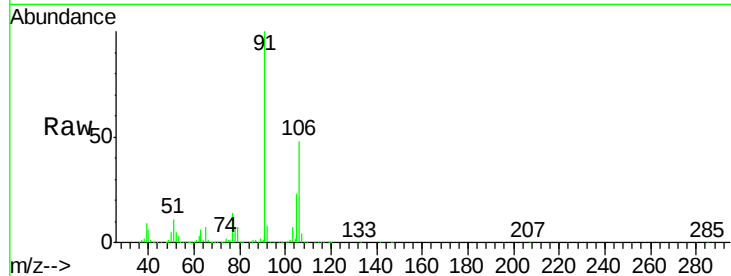
VSTDCCC020EC

Tot Ion:106 Resp: 179699

Ion Ratio Lower Upper

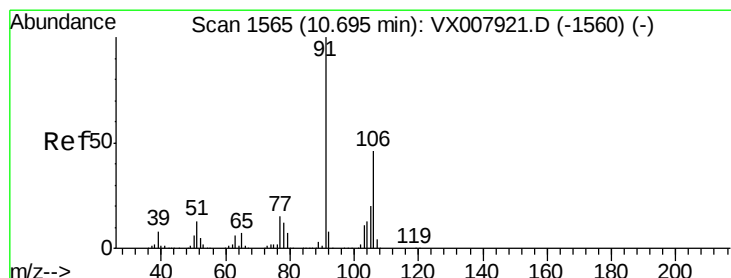
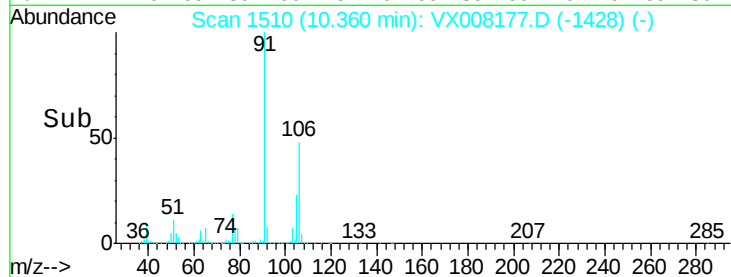
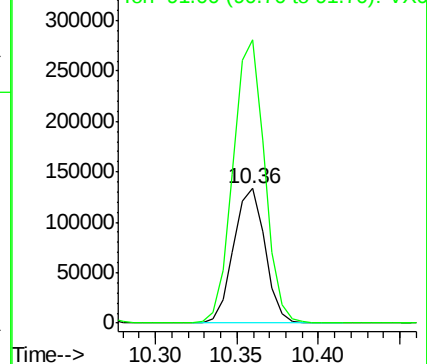
106 100

91 210.3 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.494 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX008177.D

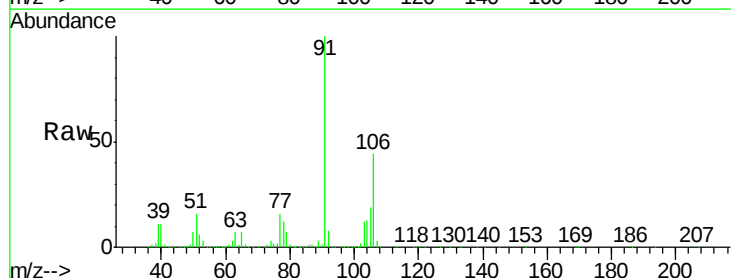
Acq: 18 Mar 2019 20:14

Tgt Ion:106 Resp: 88454

Ion Ratio Lower Upper

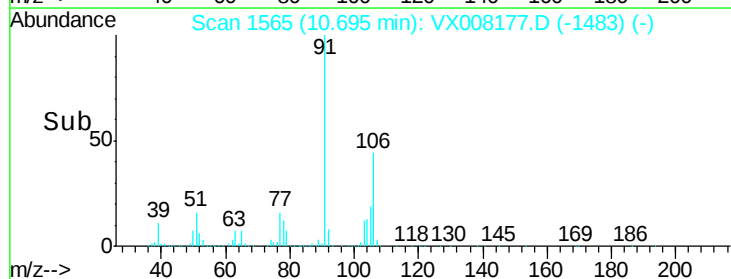
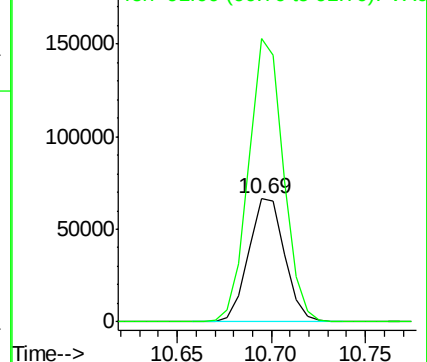
106 100

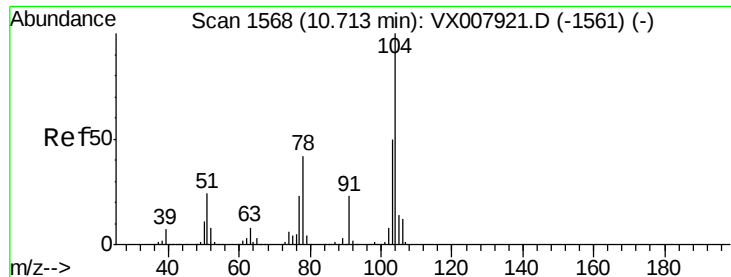
91 221.9 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 20.283 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

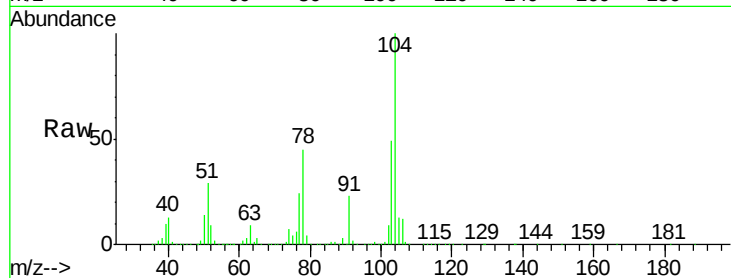
Tot Ion:104 Resp: 142602

Ion Ratio Lower Upper

104 100

78 53.6 38.2 57.2

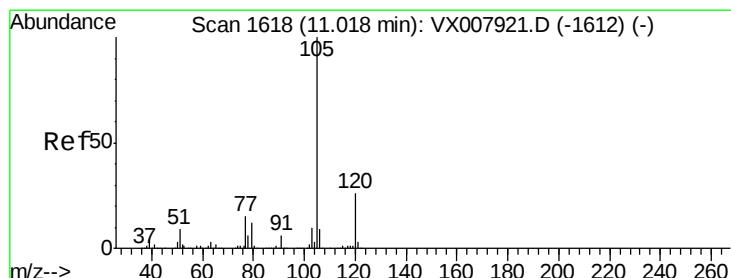
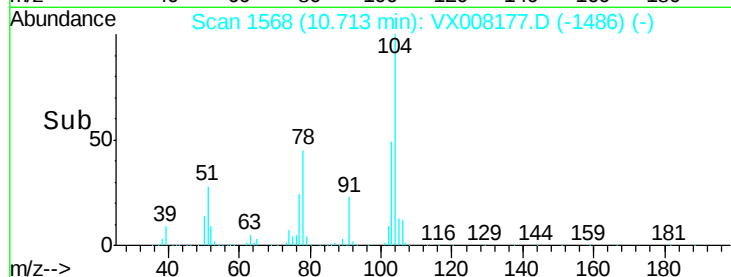
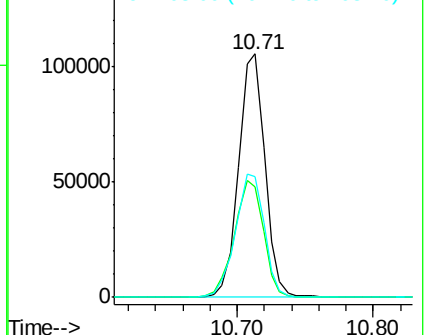
103 55.7 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.226 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008177.D

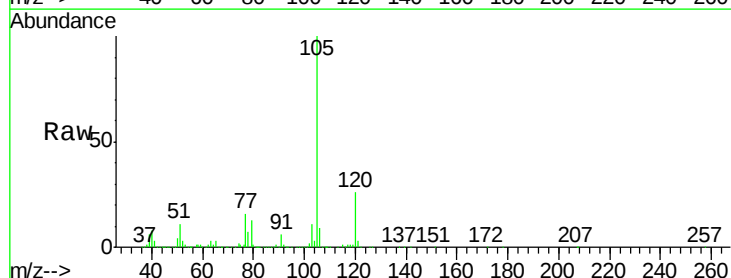
Acq: 18 Mar 2019 20:14

Tgt Ion:105 Resp: 235396

Ion Ratio Lower Upper

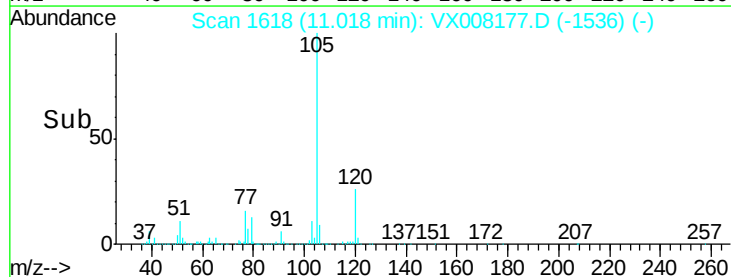
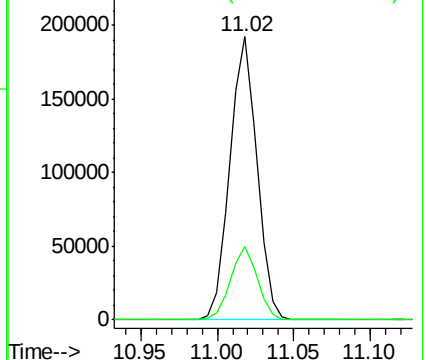
105 100

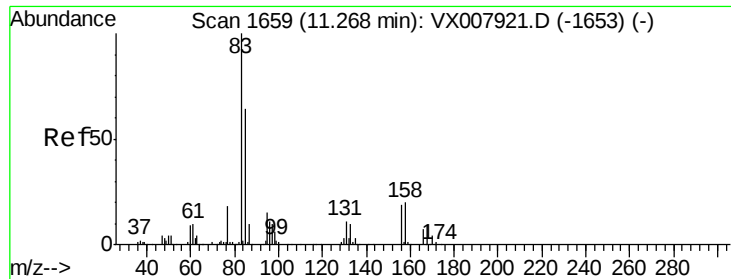
120 25.5 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

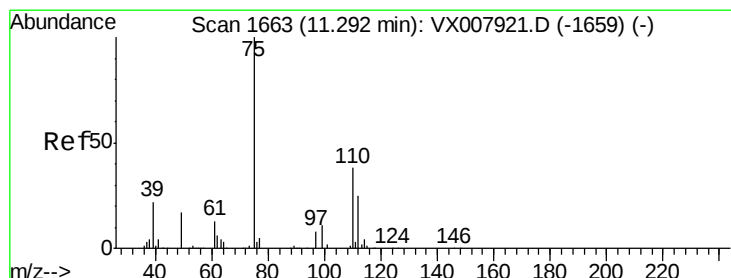
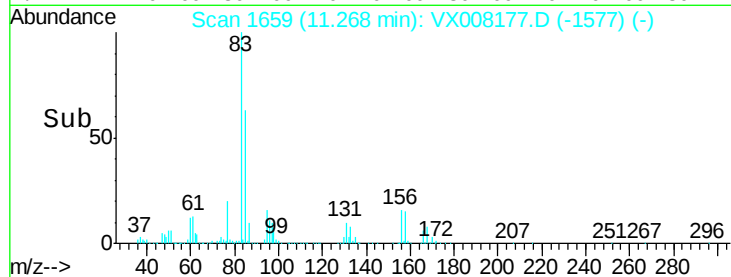
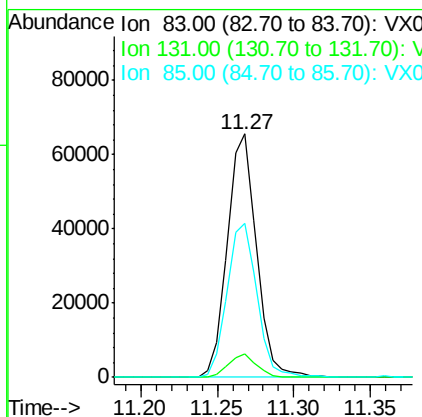
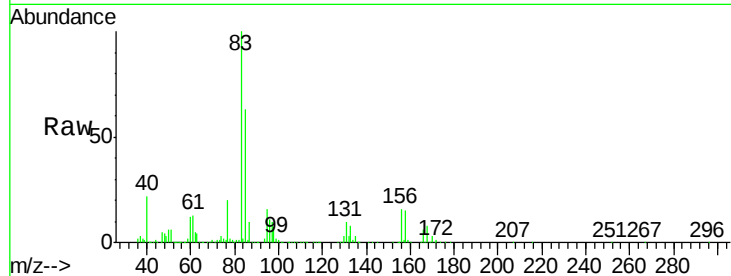




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.329 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

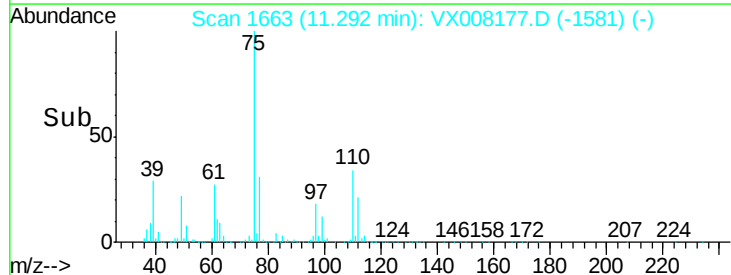
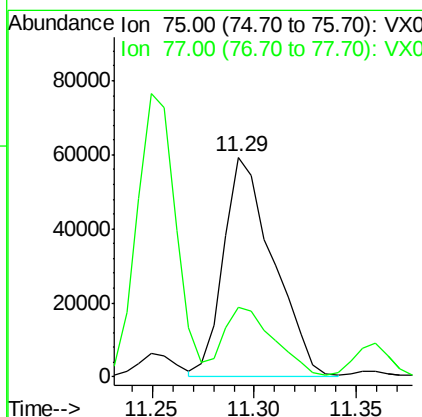
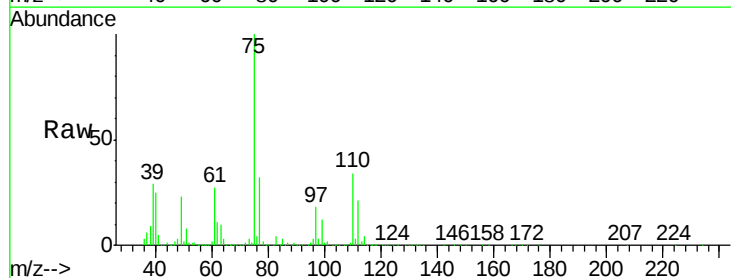
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

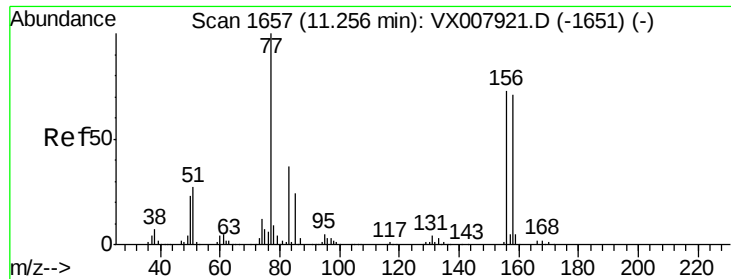
Tot Ion: 83 Resp: 86949
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.4 16.2
 85 65.0 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 28.463 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 75 Resp: 100059
 Ion Ratio Lower Upper
 75 100
 77 32.4 0.0 76.4

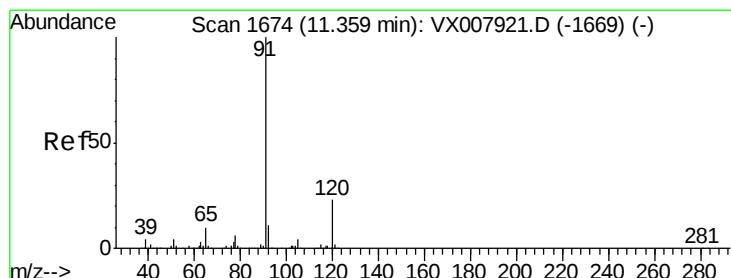
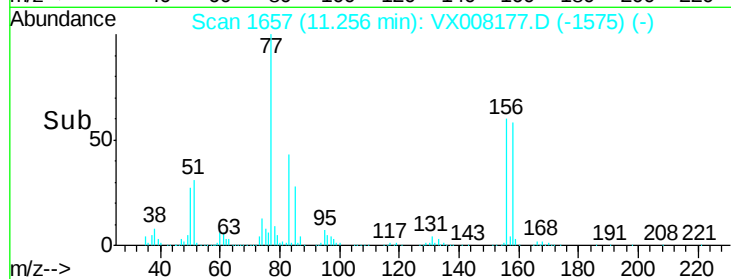
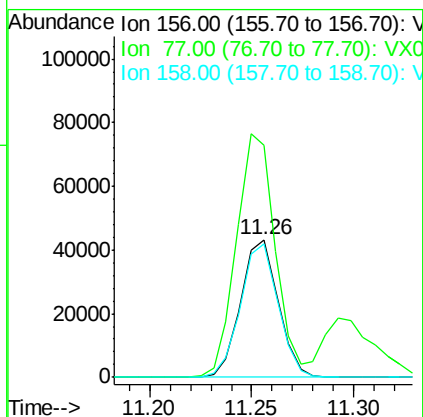
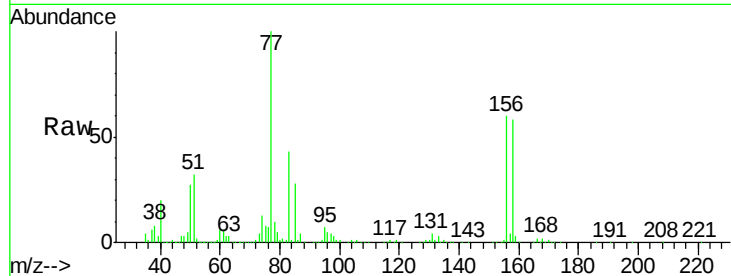




#73
Bromobenzene
Concen: 20.156 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

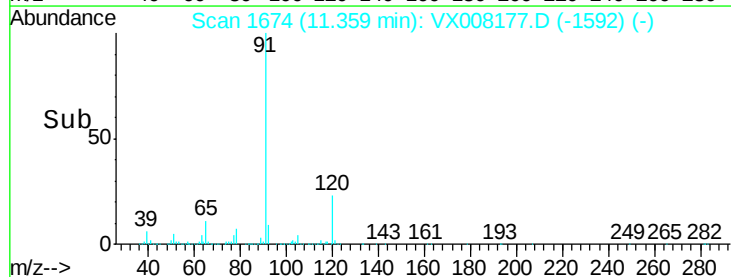
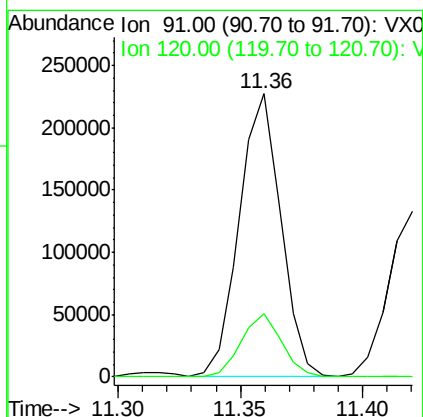
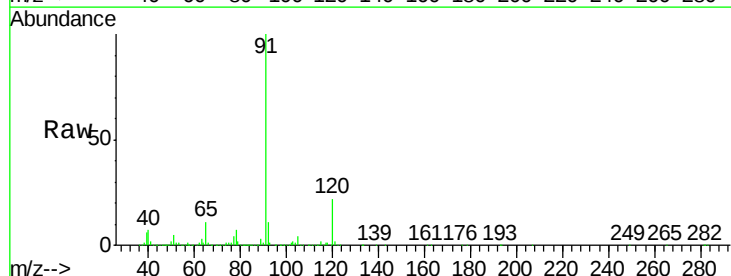
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

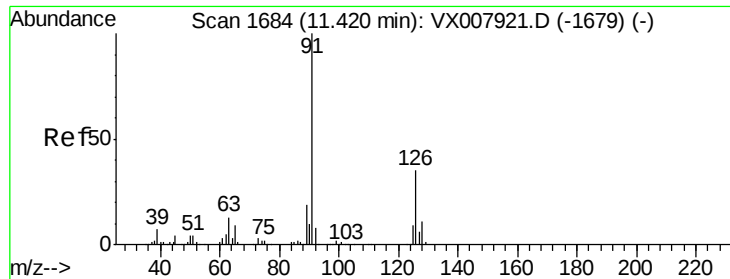
Tot Ion:156 Resp: 55530
Ion Ratio Lower Upper
156 100
77 180.3 0.0 271.4
158 97.2 0.0 194.0



#74
n-propylbenzene
Concen: 19.600 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 91 Resp: 270076
Ion Ratio Lower Upper
91 100
120 21.9 0.0 48.6





#75

2-Chlorotoluene

Concen: 20.454 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

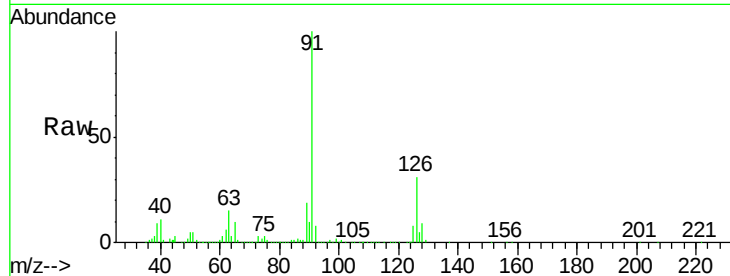
VSTDCCC020EC

Tot Ion: 91 Resp: 165574

Ion Ratio Lower Upper

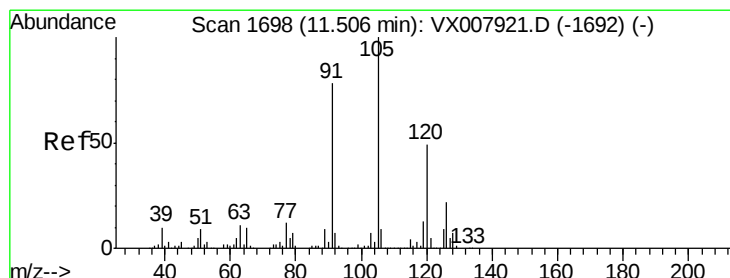
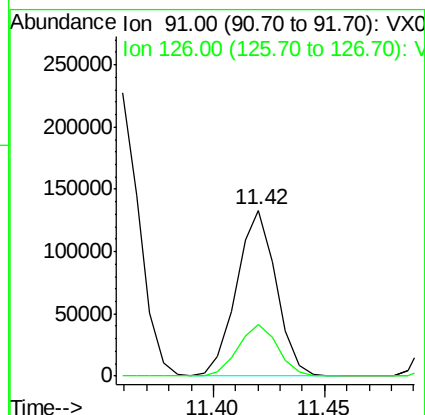
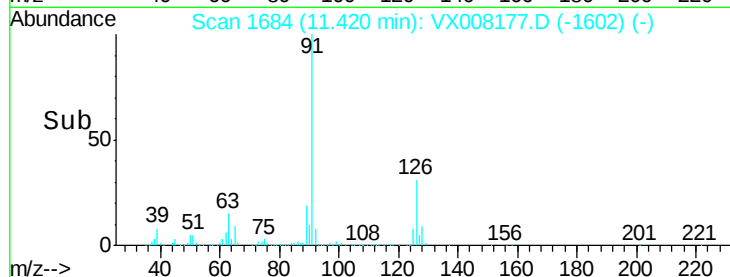
91 100

126 31.7 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008177.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX008177.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.028 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008177.D

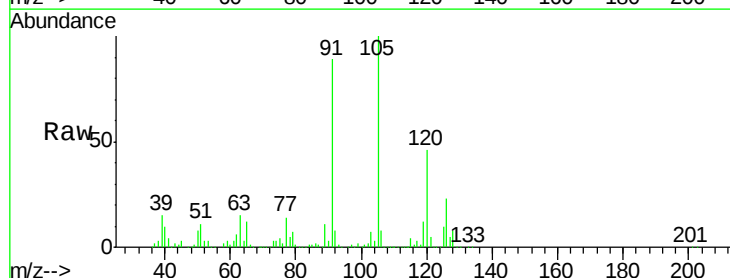
Acq: 18 Mar 2019 20:14

Tgt Ion: 105 Resp: 192750

Ion Ratio Lower Upper

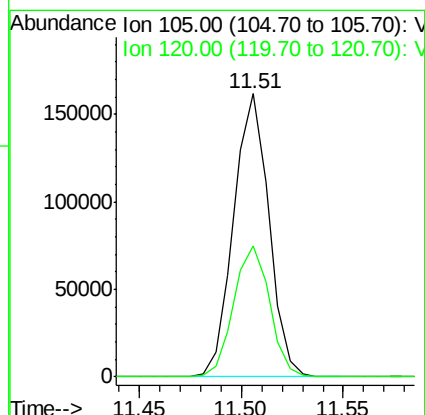
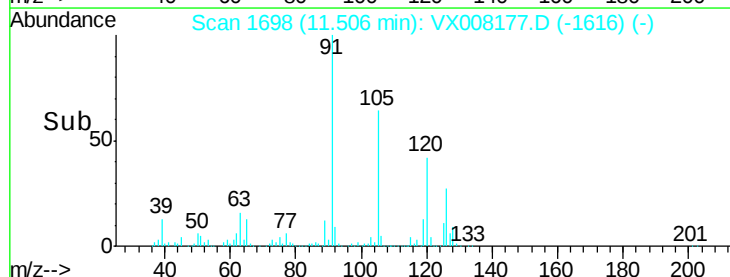
105 100

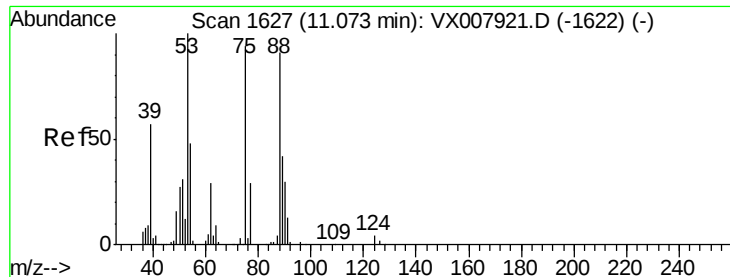
120 47.3 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008177.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX008177.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.544 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

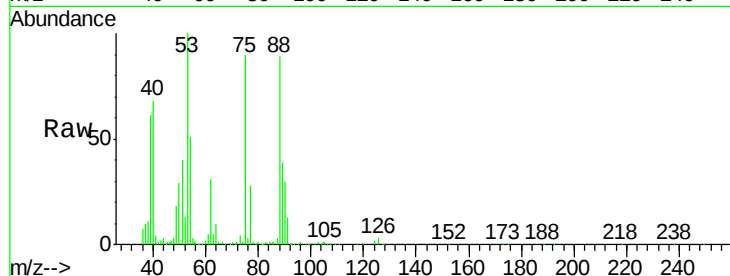
Tot Ion: 75 Resp: 23425

Ion Ratio Lower Upper

75 100

53 111.4 55.5 166.7

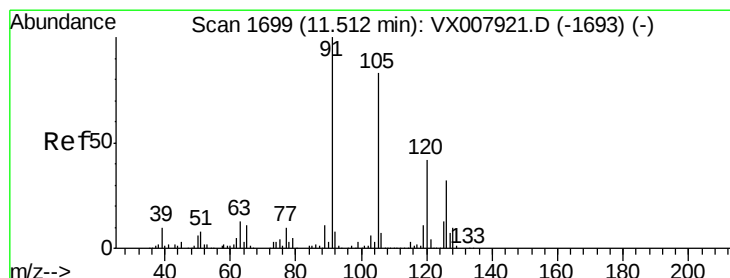
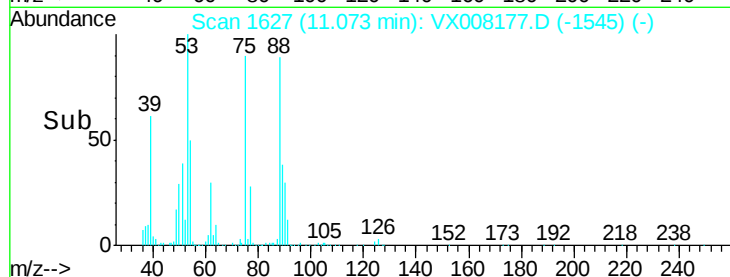
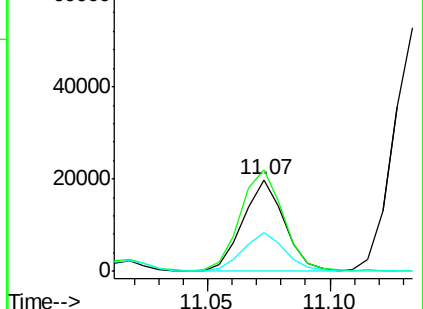
89 42.8 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.810 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008177.D

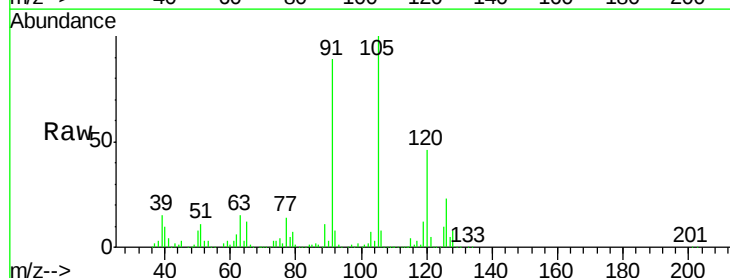
Acq: 18 Mar 2019 20:14

Tgt Ion: 91 Resp: 184720

Ion Ratio Lower Upper

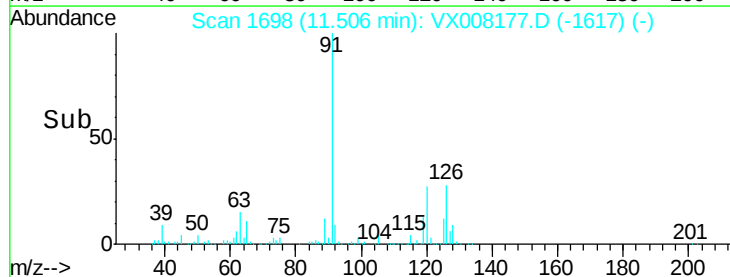
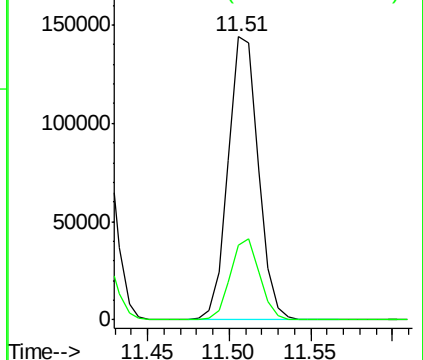
91 100

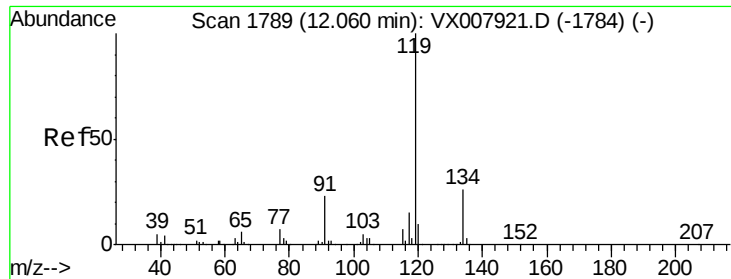
126 27.8 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

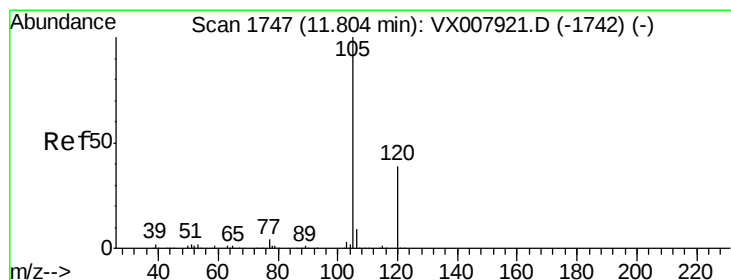
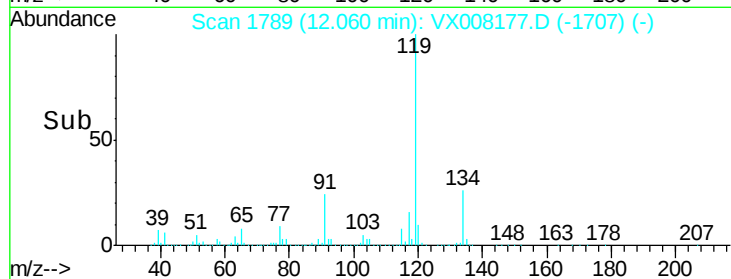
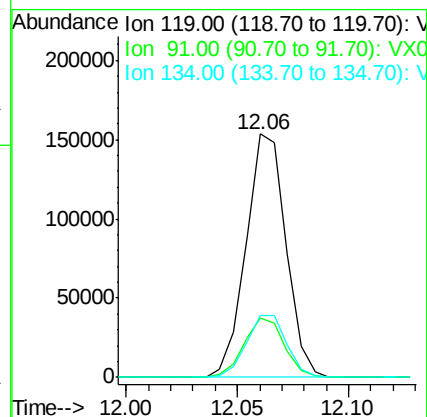
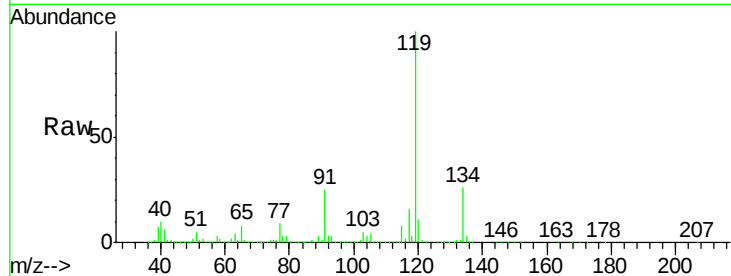




#79
tert-butylbenzene
Concen: 19.649 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

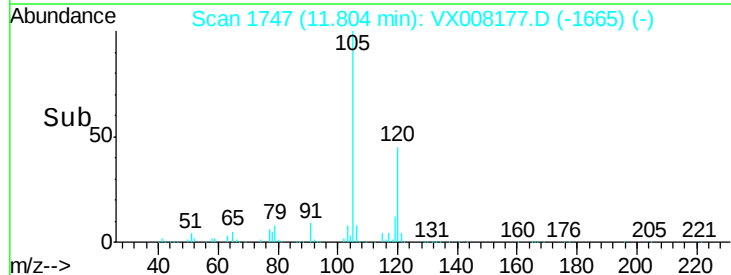
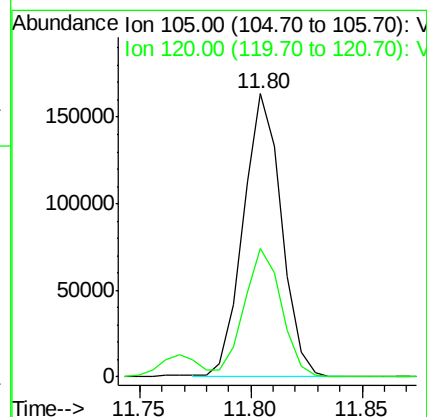
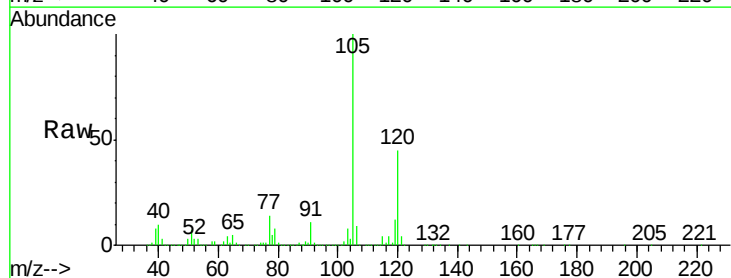
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

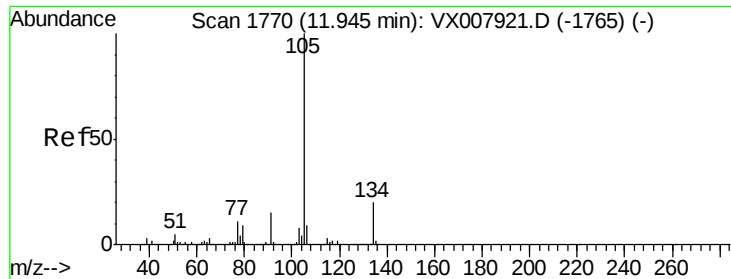
Tot Ion	Ratio	Lower	Upper
119	100		
91	24.5	0.0	45.0
134	26.1	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 20.143 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	0.0	94.0

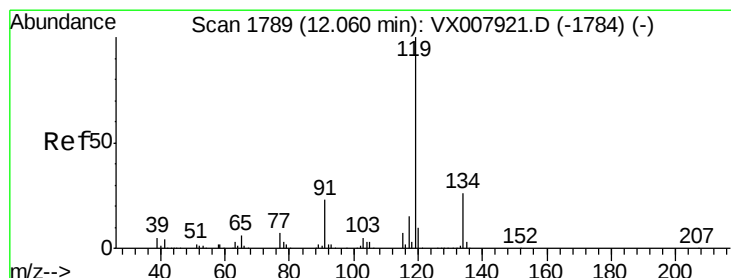
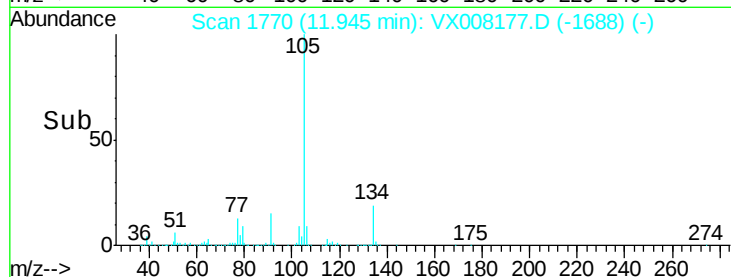
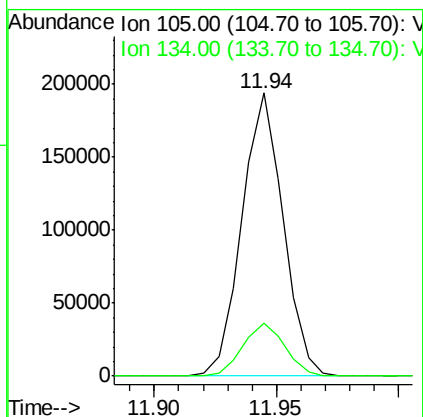
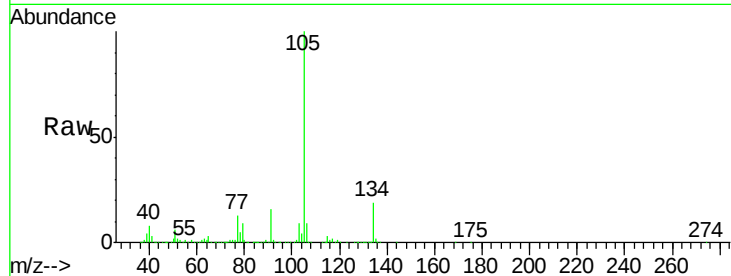




#81
 sec-Butylbenzene
 Concen: 19.686 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

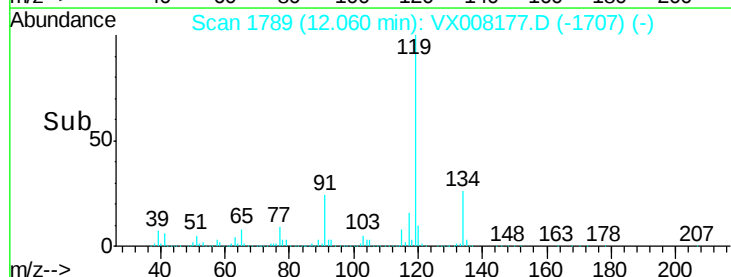
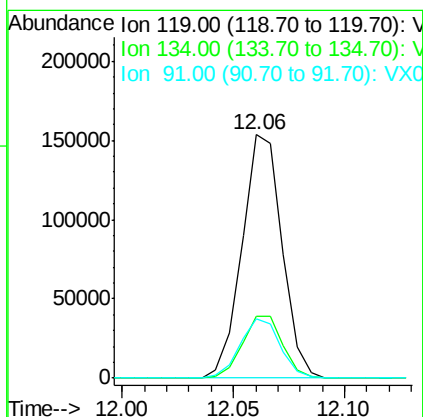
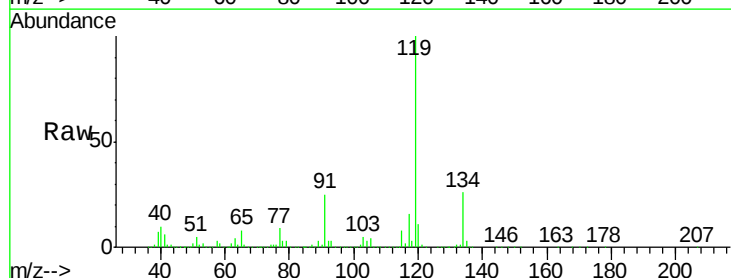
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

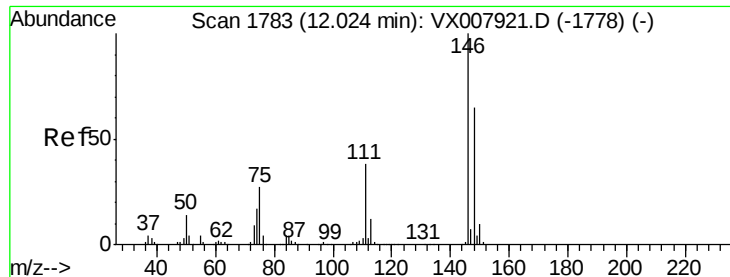
Tot Ion:105 Resp: 226258
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.649 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion:119 Resp: 192566
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 55.4
 91 24.5 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 19.604 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

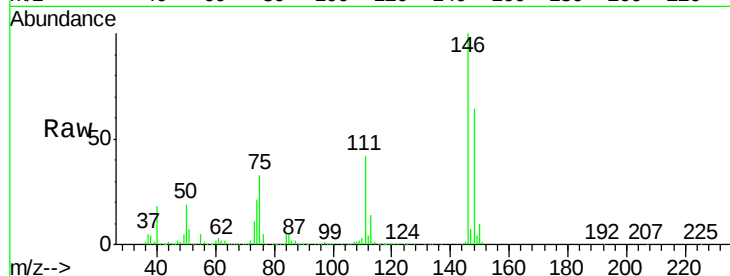
Tot Ion:146 Resp: 96790

Ion Ratio Lower Upper

146 100

111 41.8 18.8 56.3

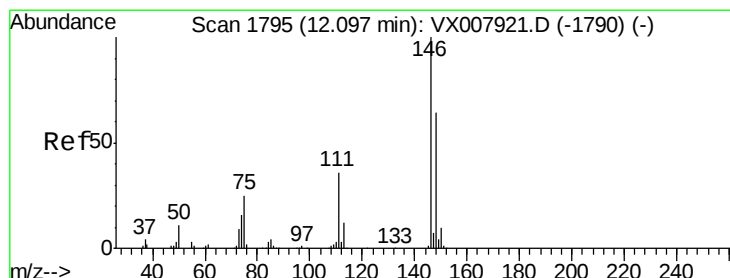
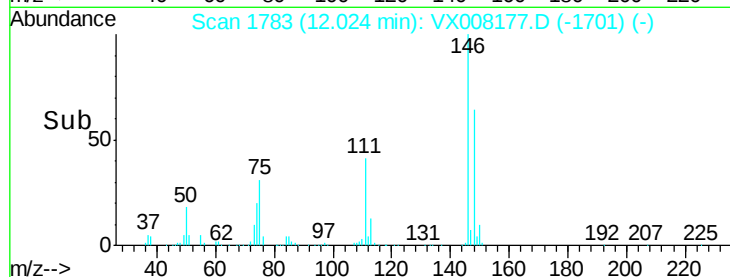
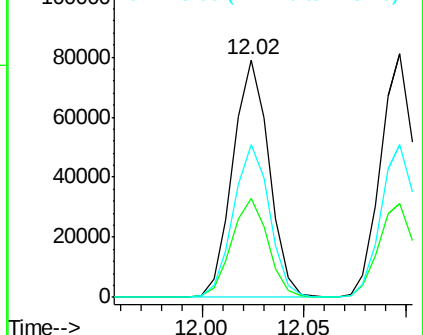
148 64.6 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.765 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

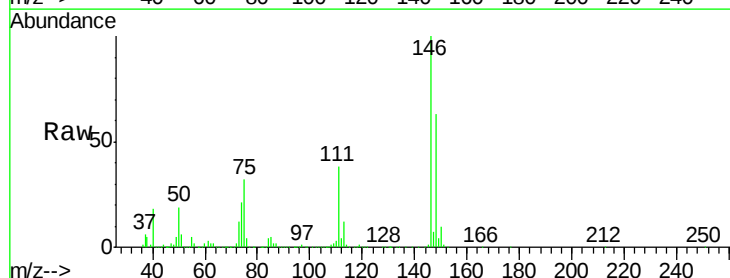
Tgt Ion:146 Resp: 96852

Ion Ratio Lower Upper

146 100

111 40.1 17.6 52.8

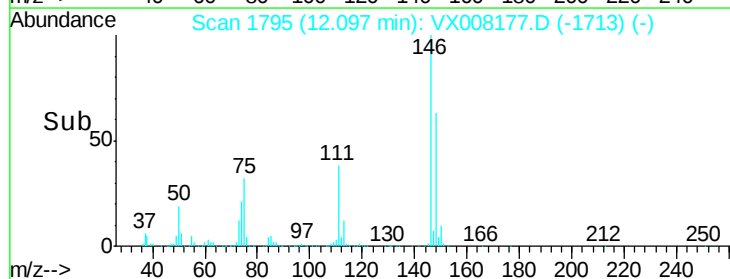
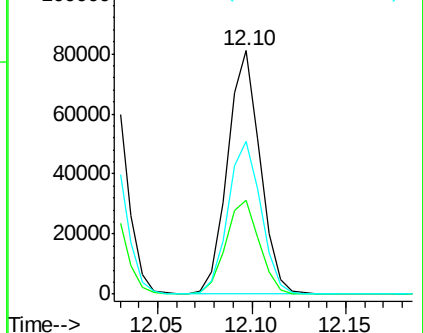
148 63.8 31.4 94.2

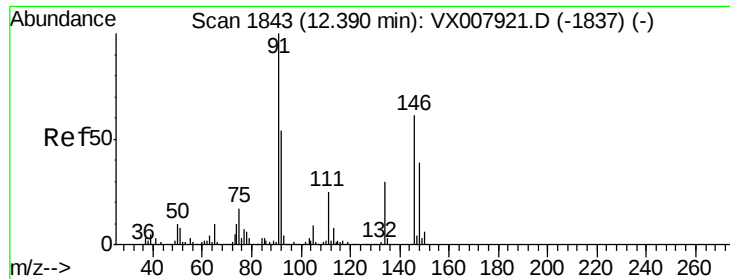


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

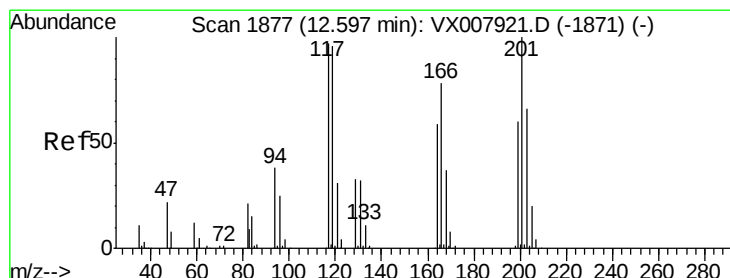
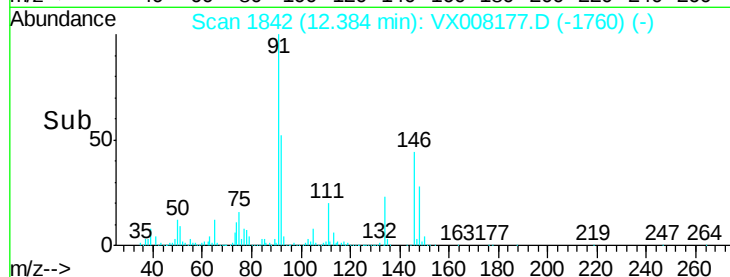
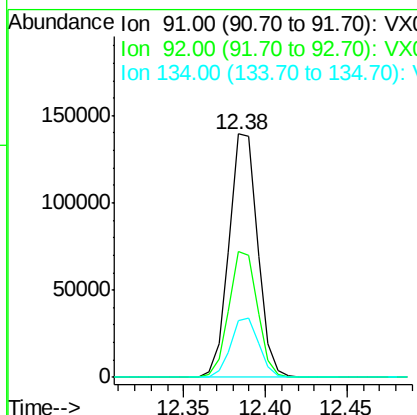
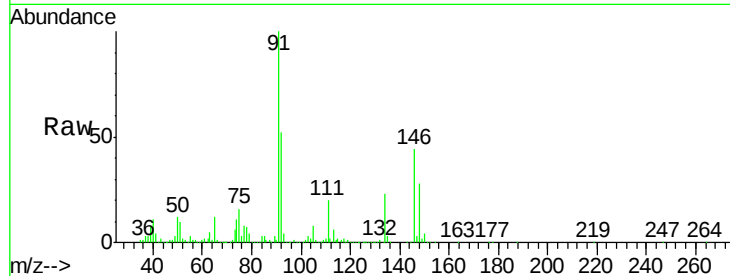




#85
n-Butylbenzene
Concen: 18.399 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

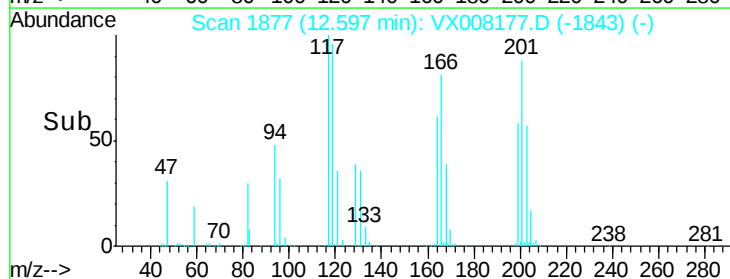
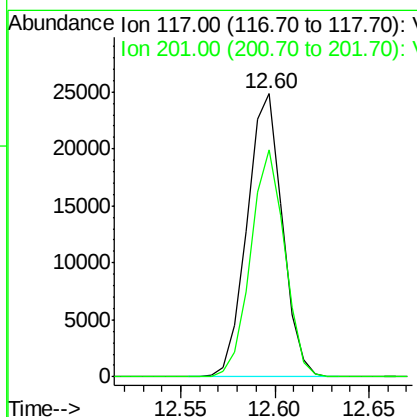
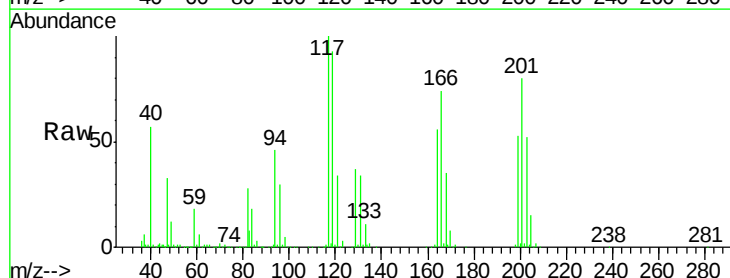
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

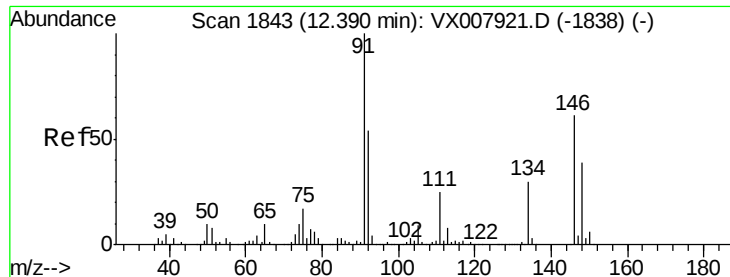
Tot Ion: 91 Resp: 170031
Ion Ratio Lower Upper
91 100
92 51.7 0.0 105.2
134 24.1 0.0 56.4



#86
Hexachloroethane
Concen: 19.187 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008177.D
Acq: 18 Mar 2019 20:14

Tgt Ion: 117 Resp: 32234
Ion Ratio Lower Upper
117 100
201 77.3 41.1 123.3

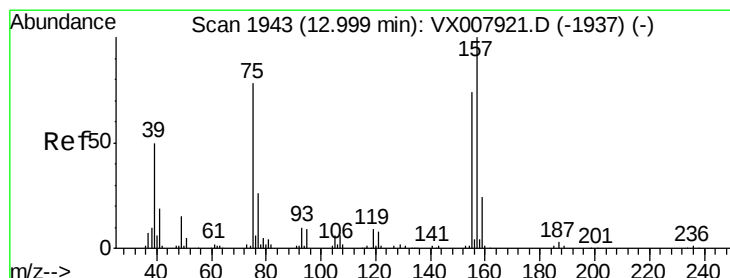
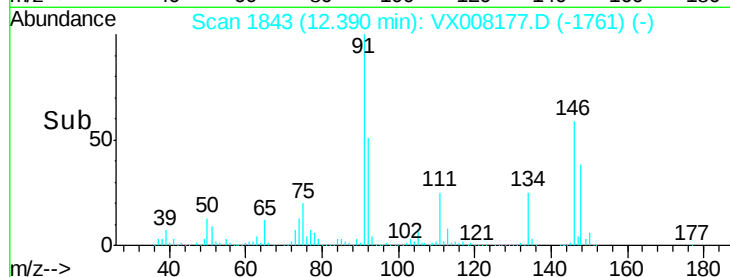
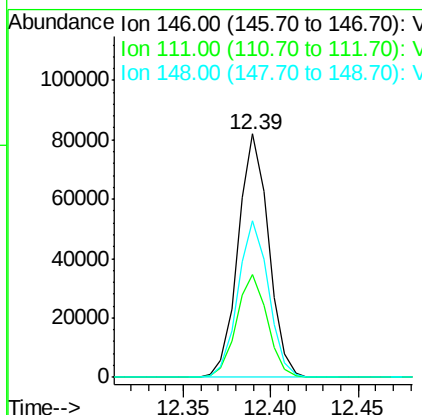
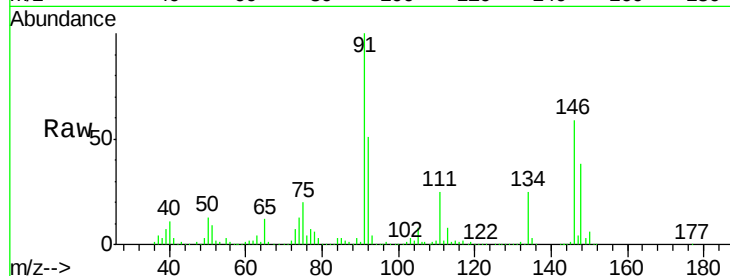




#87
 1,2-Dichlorobenzene
 Concen: 20.198 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

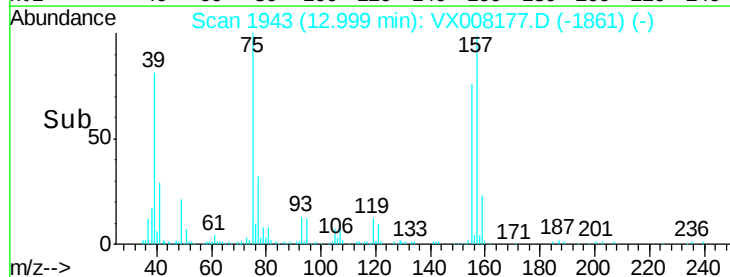
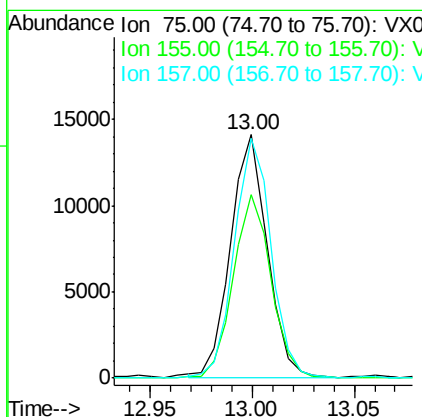
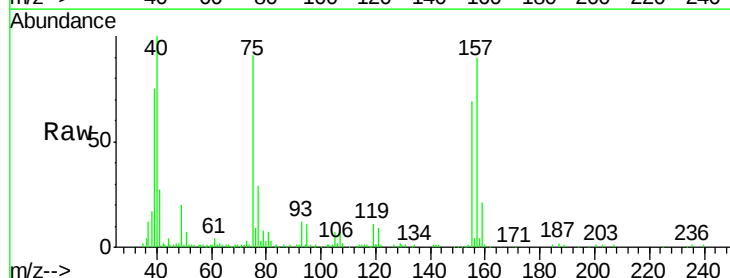
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

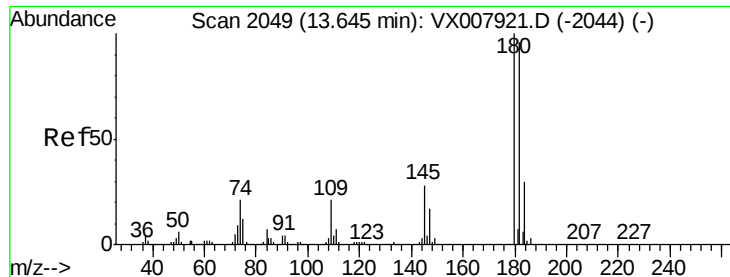
Tot Ion:146 Resp: 99368
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.3 57.8
 148 64.6 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.518 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion: 75 Resp: 17620
 Ion Ratio Lower Upper
 75 100
 155 77.5 81.0 121.6#
 157 98.3 103.2 154.8#

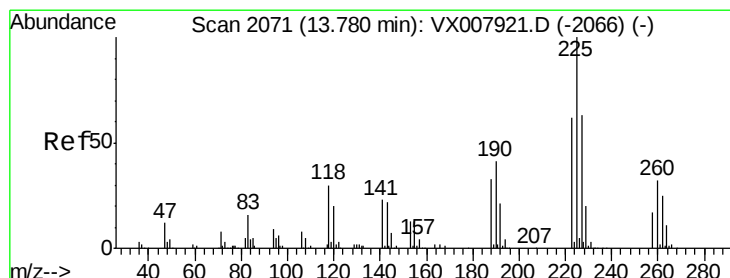
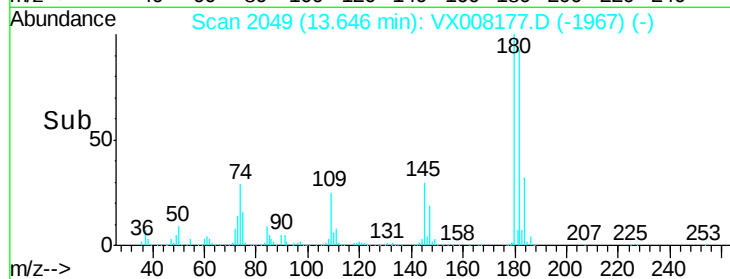
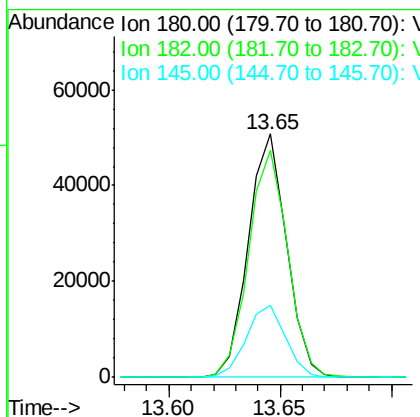
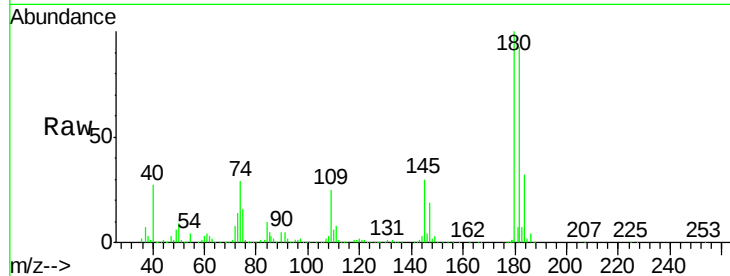




#89
 1,2,4-Trichlorobenzene
 Concen: 19.078 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

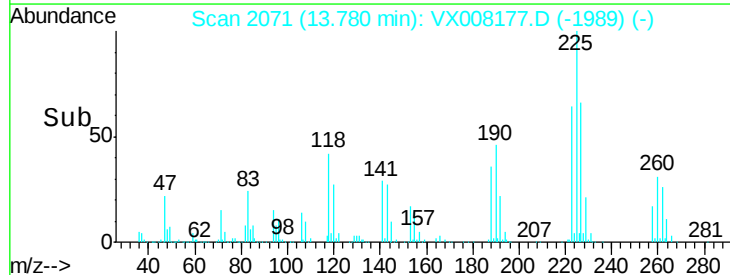
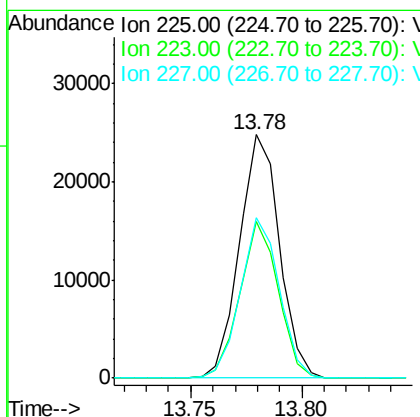
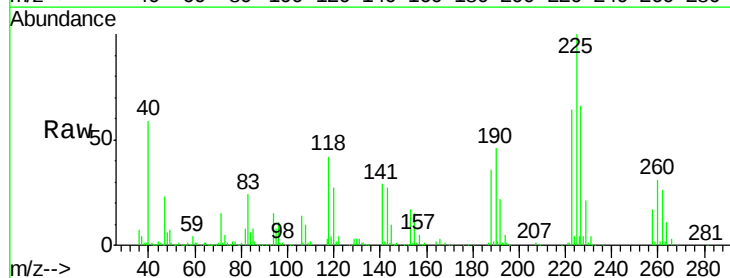
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

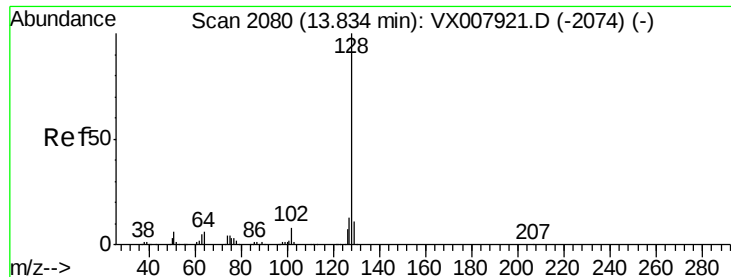
Tot Ion:180 Resp: 61139
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.6 113.4
 145 30.7 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 18.682 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008177.D
 Acq: 18 Mar 2019 20:14

Tgt Ion:225 Resp: 31068
 Ion Ratio Lower Upper
 225 100
 223 62.0 0.0 123.8
 227 64.4 0.0 124.4





#91

Naphthalene

Concen: 19.666 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

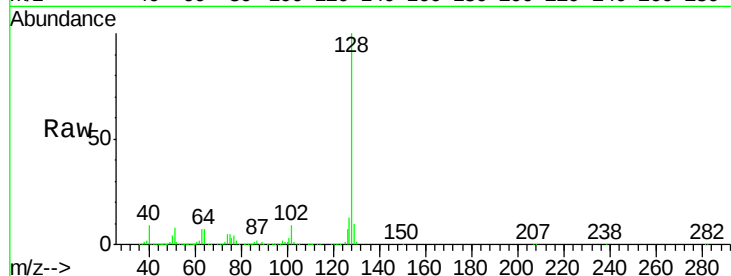
Tot Ion:128 Resp: 204122

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

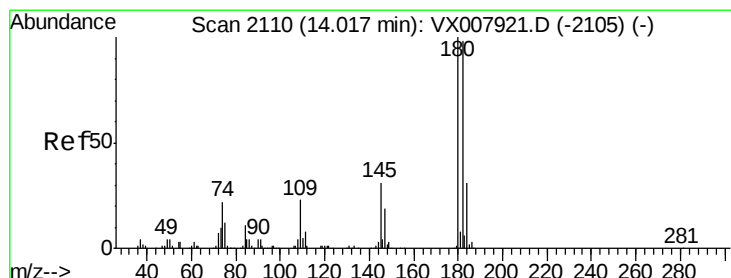
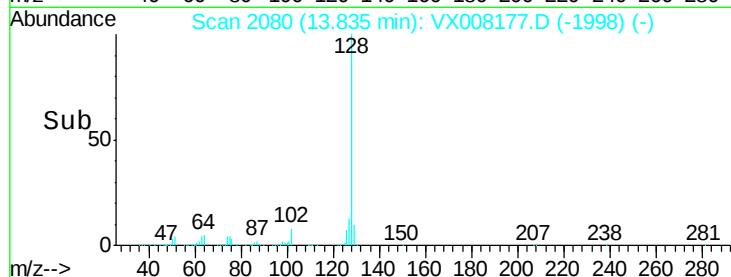
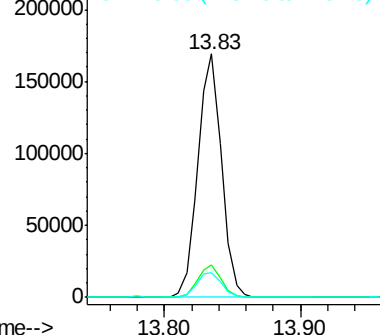
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.527 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008177.D

Acq: 18 Mar 2019 20:14

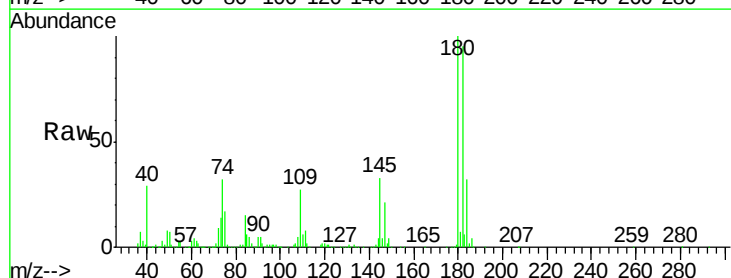
Tgt Ion:180 Resp: 62500

Ion Ratio Lower Upper

180 100

182 95.3 0.0 193.0

145 33.3 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

