

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020819\
 Data File : VX007434.D
 Acq On : 08 Feb 2019 11:09
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Feb 08 11:29:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	103099	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	557756	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	504281	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	198279	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	11.13	95	239290	30.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.47%
63) Toluene-d8	8.71	98	674831	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	91259	19.720	ug/l 96
3) Chloromethane	1.33	50	103445	19.994	ug/l 99
4) Vinyl Chloride	1.41	62	118013	20.100	ug/l 99
5) Bromomethane	1.64	94	129716	21.197	ug/l 98
6) Chloroethane	1.72	64	79944	20.204	ug/l 98
7) Trichlorofluoromethane	1.93	101	204436	20.624	ug/l 96
8) Diethyl Ether	2.19	74	79251	21.151	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124360	21.242	ug/l 99
10) 1,1-Dichloroethene	2.37	96	110429	20.753	ug/l 98
11) Methyl Iodide	2.51	142	169567	19.642	ug/l 95
12) Methyl Acetate	2.78	43	190677	21.041	ug/l 99
13) Acrolein	2.29	56	45397	69.196	ug/l 96
14) Acrylonitrile	3.15	53	358282	105.601	ug/l 98
15) Acetone	2.45	58	99404	103.078	ug/l 93
16) Carbon Disulfide	2.57	76	246510	19.212	ug/l 100
17) Allyl chloride	2.73	41	191620	20.711	ug/l 96
18) Methylene Chloride	2.86	84	125889	20.527	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	115802	20.098	ug/l 98
20) Diisopropyl ether	3.87	45	362557	21.049	ug/l 96
21) 1,1-Dichloroethane	3.70	63	210654	21.413	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	135729	21.420	ug/l 96
23) tert-Butyl Alcohol	3.07	59	144264	101.181	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	390924	20.974	ug/l 100
25) Chloroform	5.21	83	215317	21.177	ug/l 97
26) Cyclohexane	5.57	56	174909	21.111	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	153299	21.084	ug/l 99
30) 2-Butanone	4.70	43	454983	104.726	ug/l # 98
31) 2,2-Dichloropropane	4.58	77	161412	21.974	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	181344	21.104	ug/l 99
33) Carbon Tetrachloride	5.78	117	159908	21.170	ug/l 95
34) Benzene	6.14	78	475953	21.222	ug/l 99
35) Methacrylonitrile	5.06	41	95141	21.454	ug/l 98
36) 1,2-Dichloroethane	6.20	62	160846	20.784	ug/l 100
37) Trichloroethene	7.21	130	142692	21.578	ug/l 99
38) Methylcyclohexane	7.46	83	193776	21.029	ug/l 98
39) 1,2-Dichloropropane	7.52	63	119884	21.315	ug/l 100
40) Dibromomethane	7.66	93	85794	21.176	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	150186	21.122	ug/l	98
42) Vinyl Acetate	3.82	43	1516175	102.930	ug/l	99
43) Ethyl Acetate	4.85	43	167444	20.655	ug/l	98
44) Isopropyl Acetate	6.46	43	266534	21.051	ug/l	98
45) 1,4-Dioxane	7.75	88	61473	400.664	ug/l	99
46) Methyl methacrylate	7.77	41	133184	20.573	ug/l	96
47) n-amyl Acetate	10.90	43	230782	20.730	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	165078	21.286	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	181912	21.115	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	129546	21.304	ug/l	97
51) Ethyl methacrylate	9.18	69	181382	20.876	ug/l	97
52) 1,3-Dichloropropane	9.37	76	206027	21.160	ug/l	98
53) Dibromochloromethane	9.58	129	130076	21.164	ug/l	98
54) 1,2-Dibromoethane	9.67	107	137842	21.057	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	623068	130.354	ug/l	100
56) Bromoform	10.85	173	95496	20.463	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	897651	106.452	ug/l	100
59) 2-Hexanone	9.49	43	686926	105.269	ug/l	99
61) Tetrachloroethene	9.34	164	150115	21.357	ug/l	97
62) Toluene	8.78	91	539626	21.259	ug/l	99
64) Chlorobenzene	10.13	112	360285	21.516	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	128826	21.720	ug/l	96
66) Ethyl Benzene	10.25	91	594795	21.628	ug/l	97
67) m/p-Xylenes	10.36	106	466472	42.951	ug/l	99
68) o-Xylene	10.69	106	224121	21.066	ug/l	99
69) Styrene	10.71	104	368425	21.465	ug/l	98
70) Isopropylbenzene	11.02	105	619303	21.987	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	188830	20.939	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	216225	25.502	ug/l	93
73) Bromobenzene	11.26	156	166633	21.375	ug/l	99
74) n-propylbenzene	11.36	91	697617	22.008	ug/l	100
75) 2-Chlorotoluene	11.42	91	397428	21.142	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	502436	21.373	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	50359	20.443	ug/l	95
78) 4-Chlorotoluene	11.51	91	462519	21.132	ug/l	99
79) tert-butylbenzene	12.06	119	549738	21.614	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	511540	21.491	ug/l	99
81) sec-Butylbenzene	11.94	105	617400	21.781	ug/l	100
82) p-Isopropyltoluene	12.06	119	549738	21.614	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	301003	21.720	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	294741	21.258	ug/l	99
85) n-Butylbenzene	12.38	91	461798	21.156	ug/l	99
86) Hexachloroethane	12.60	117	86538	22.006	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	294827	21.366	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	37757	20.542	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	205393	21.682	ug/l	98
90) Hexachlorobutadiene	13.78	225	98216	21.739	ug/l	98
91) Naphthalene	13.83	128	625491	21.813	ug/l	98
92) 1,2,3-Trichlorobenzene	14.02	180	203313	21.645	ug/l	98

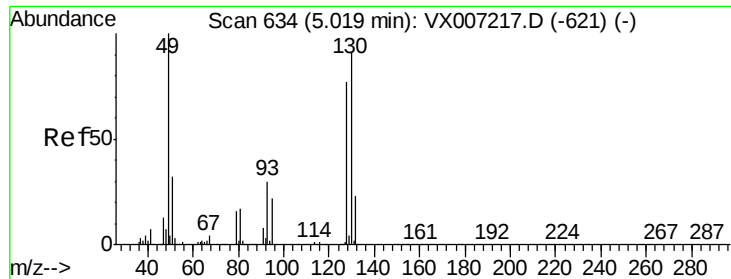
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

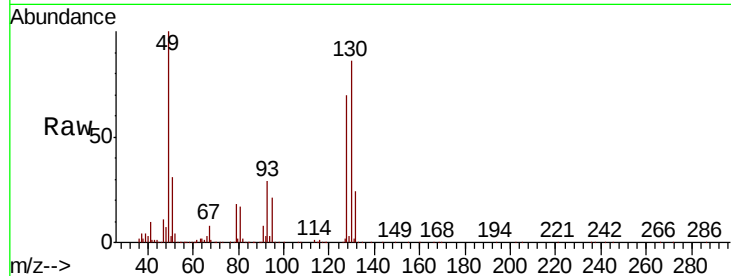
Tgt Ion:128 Resp: 103099

Ion Ratio Lower Upper

128 100

49 136.7 0.0 345.5

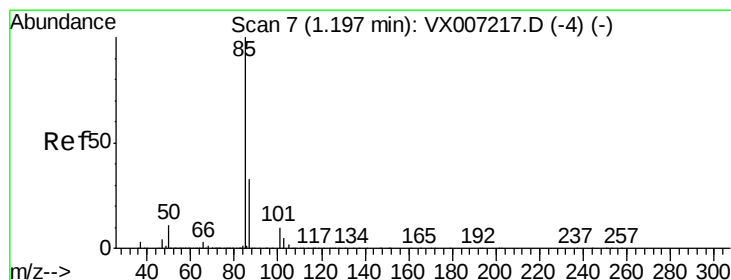
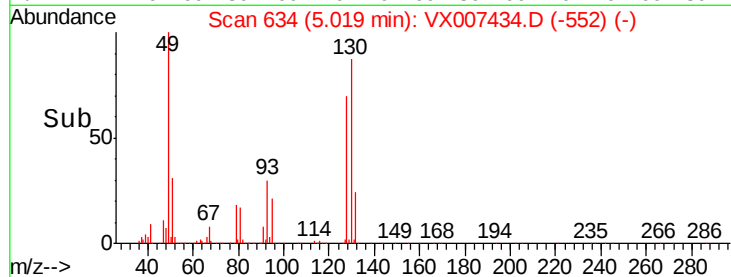
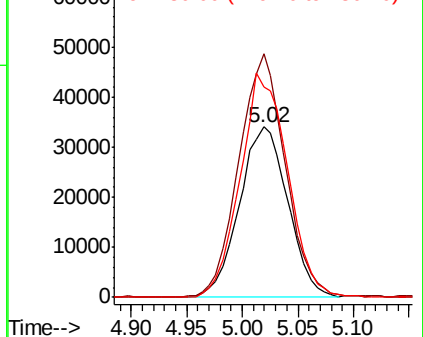
130 129.3 0.0 320.0



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: 19.720 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007434.D

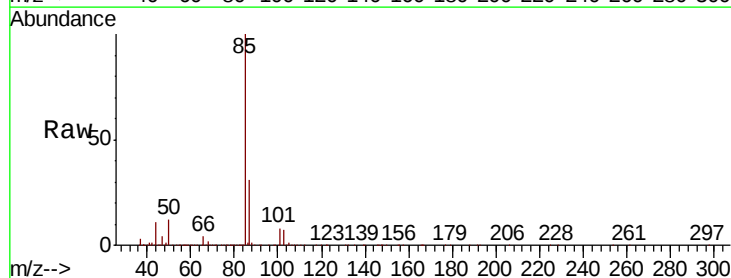
Acq: 08 Feb 2019 11:09

Tgt Ion: 85 Resp: 91259

Ion Ratio Lower Upper

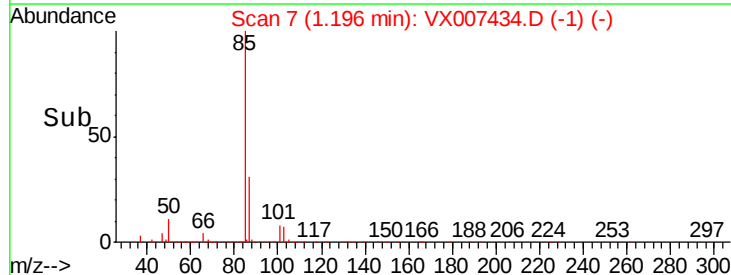
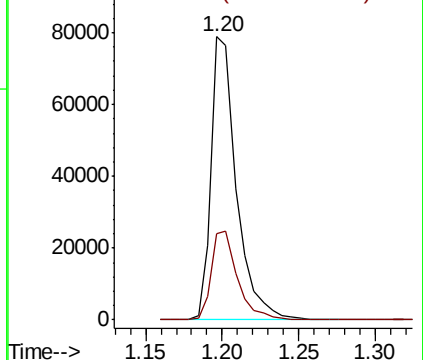
85 100

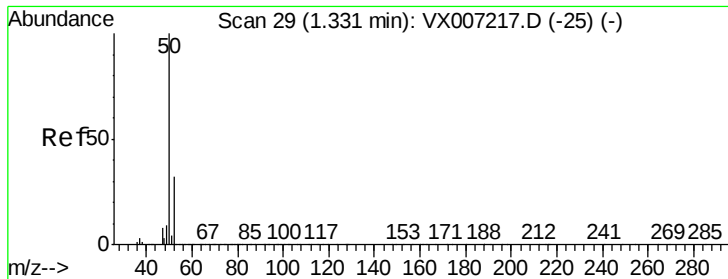
87 30.5 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.994 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

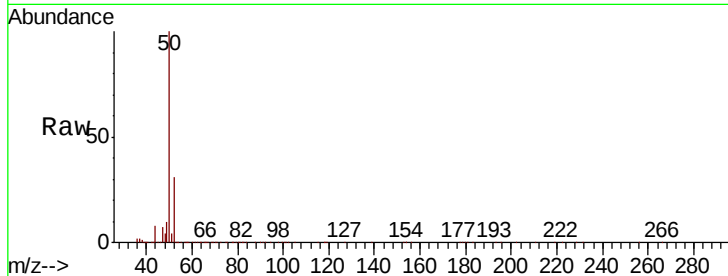
VSTDCCC020

Tgt Ion: 50 Resp: 103445

Ion Ratio Lower Upper

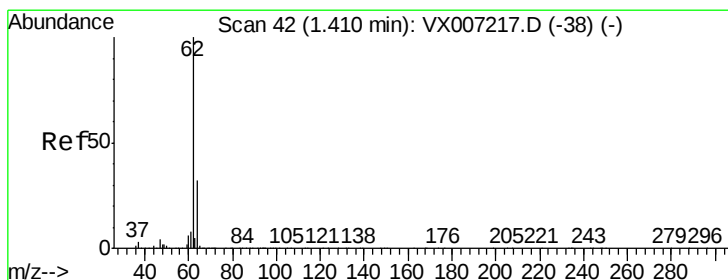
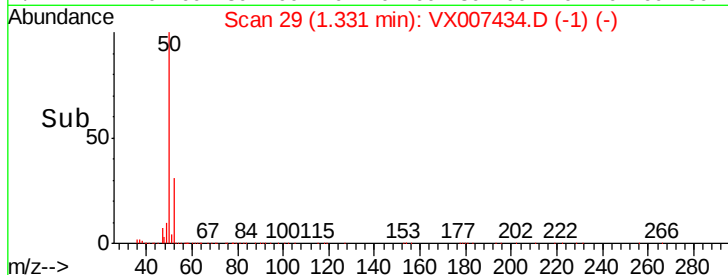
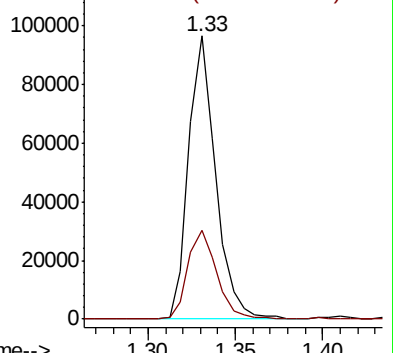
50 100

52 31.3 25.7 38.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 20.100 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007434.D

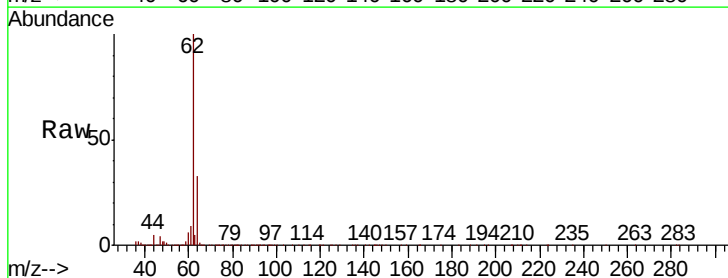
Acq: 08 Feb 2019 11:09

Tgt Ion: 62 Resp: 118013

Ion Ratio Lower Upper

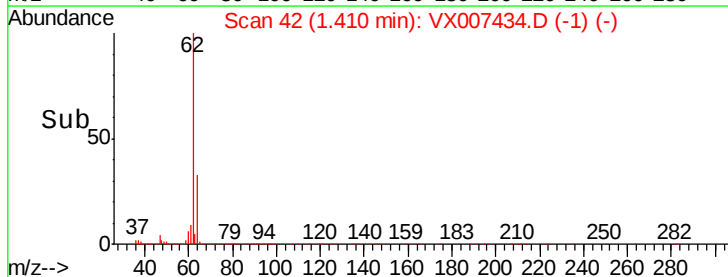
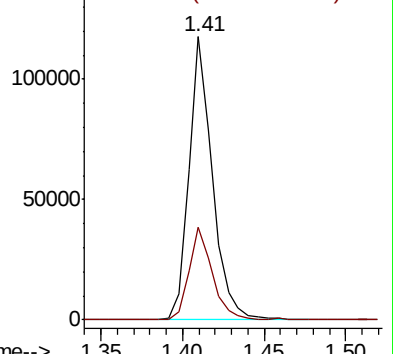
62 100

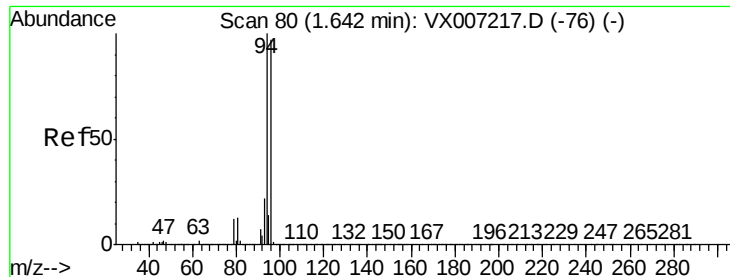
64 32.7 25.5 38.3



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 21.197 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

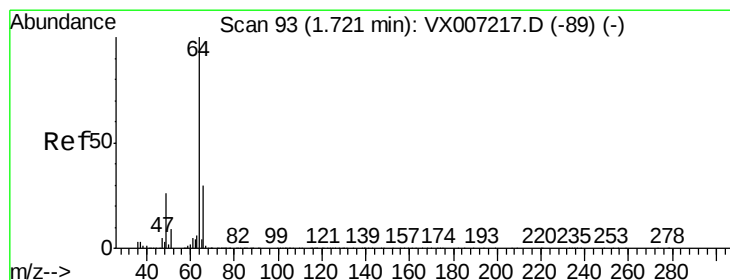
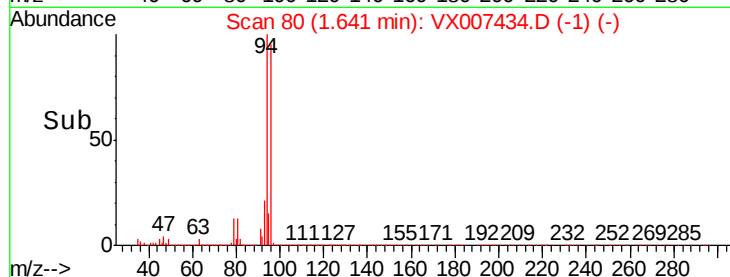
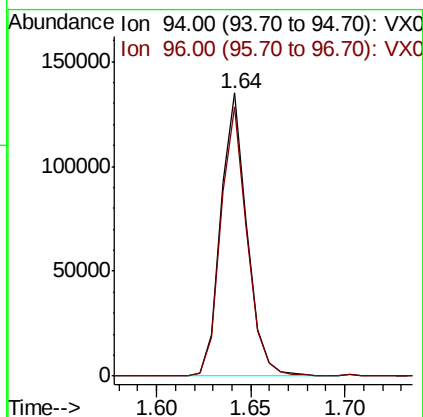
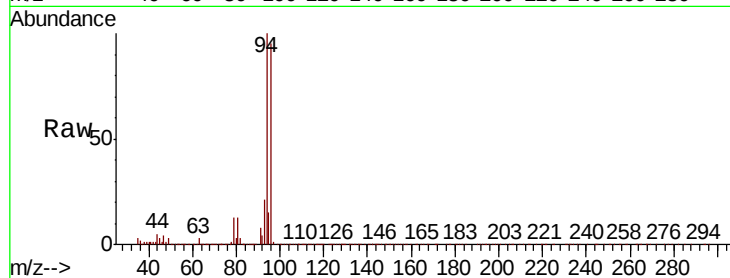
VSTDCCC020

Tgt Ion: 94 Resp: 129716

Ion Ratio Lower Upper

94 100

96 95.1 77.4 116.2



#6

Chloroethane

Concen: 20.204 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007434.D

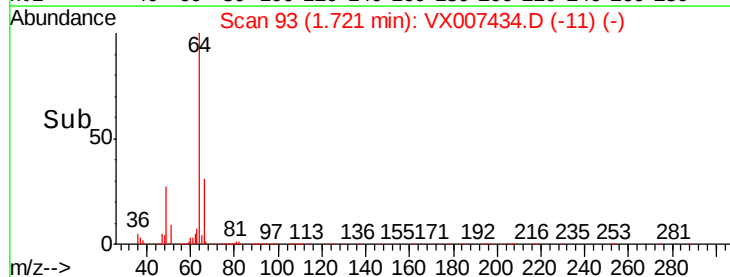
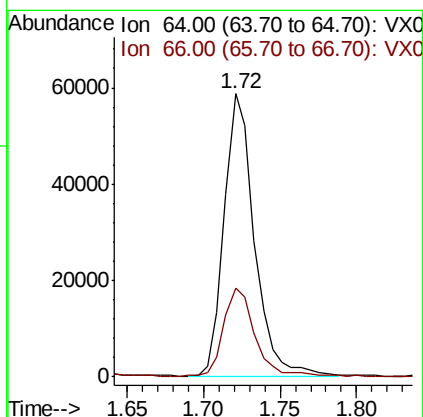
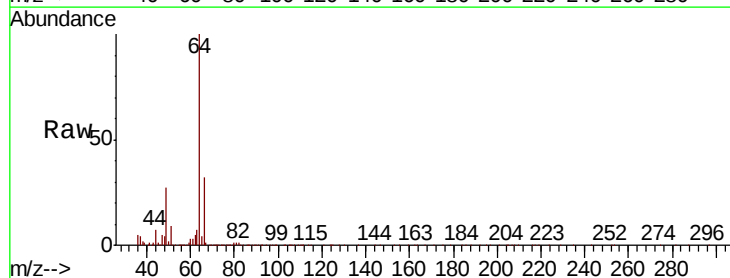
Acq: 08 Feb 2019 11:09

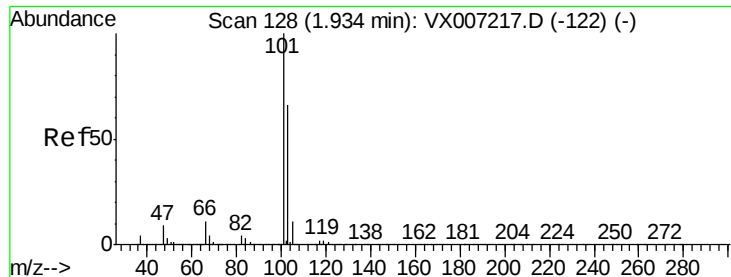
Tgt Ion: 64 Resp: 79944

Ion Ratio Lower Upper

64 100

66 31.1 24.2 36.2



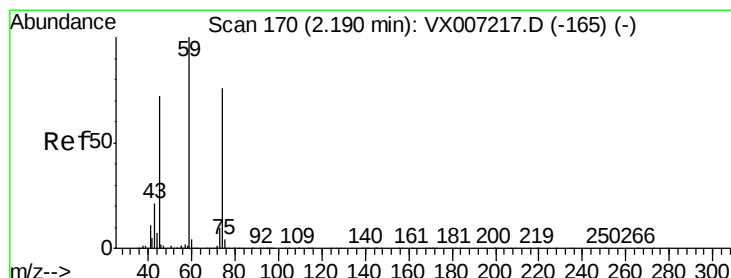
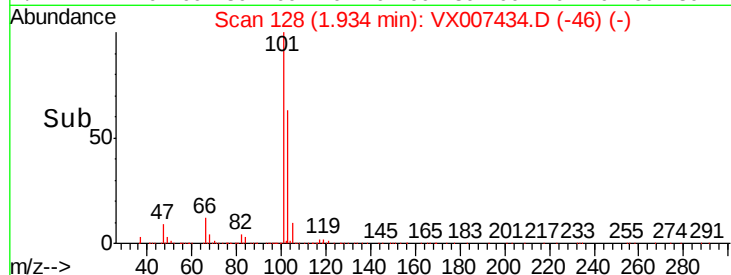
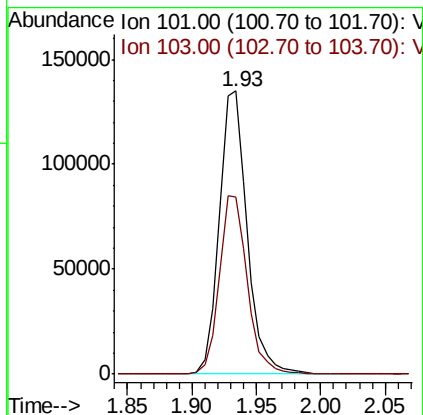
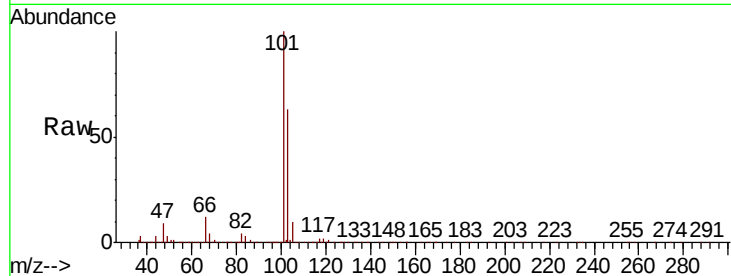


#7

Trichlorofluoromethane
Concen: 20.624 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

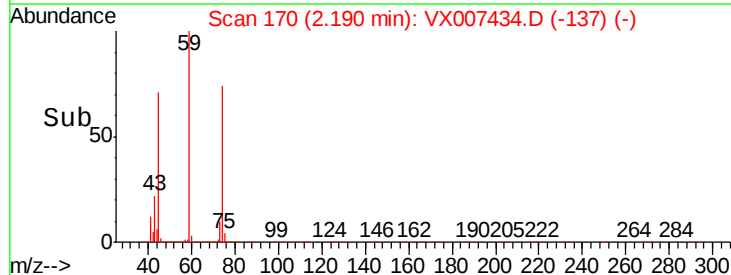
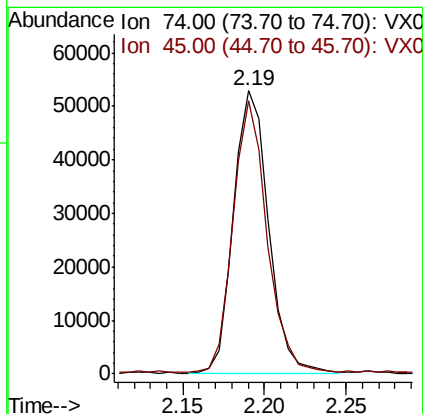
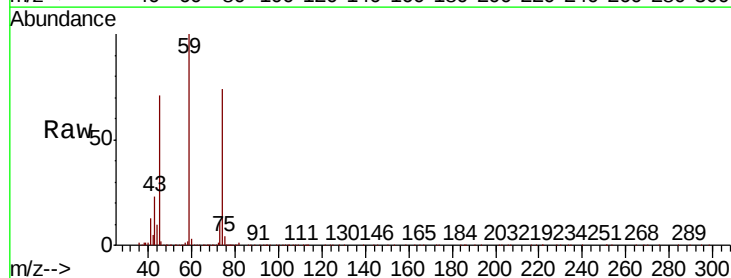
Tgt Ion:101 Resp: 204436
Ion Ratio Lower Upper
101 100
103 62.7 52.6 78.8

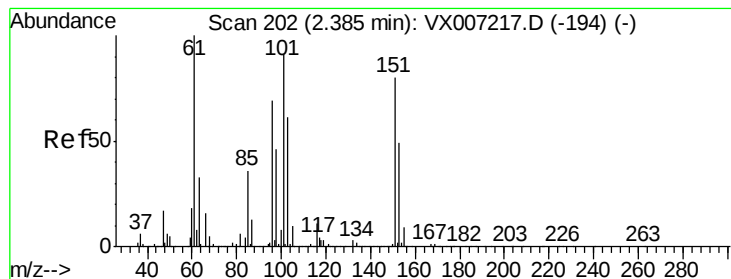


#8

Diethyl Ether
Concen: 21.151 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 74 Resp: 79251
Ion Ratio Lower Upper
74 100
45 93.2 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.242 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

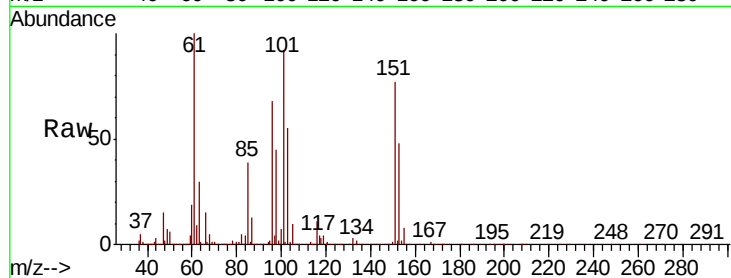
Tgt Ion: 101 Resp: 124360

Ion Ratio Lower Upper

101 100

85 43.7 0.0 87.4

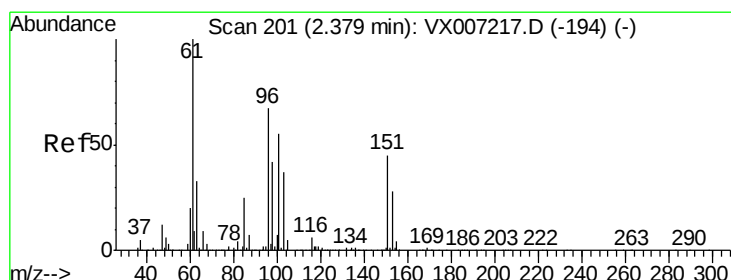
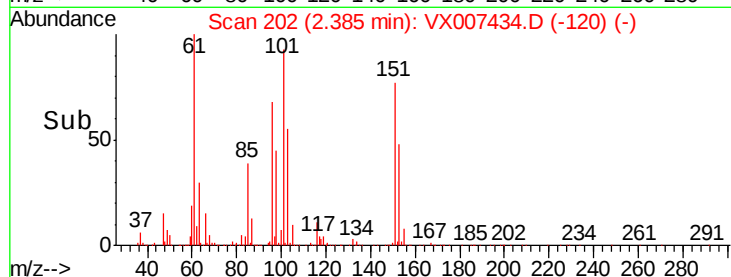
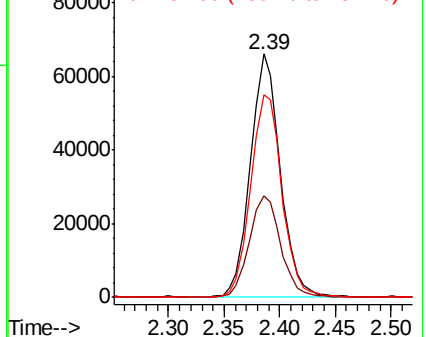
151 87.0 0.0 176.4



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: 20.753 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

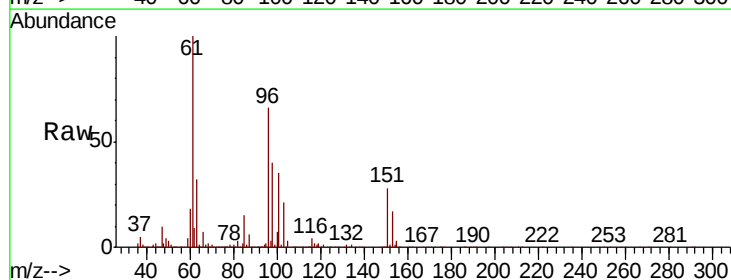
Tgt Ion: 96 Resp: 110429

Ion Ratio Lower Upper

96 100

61 151.8 119.6 179.4

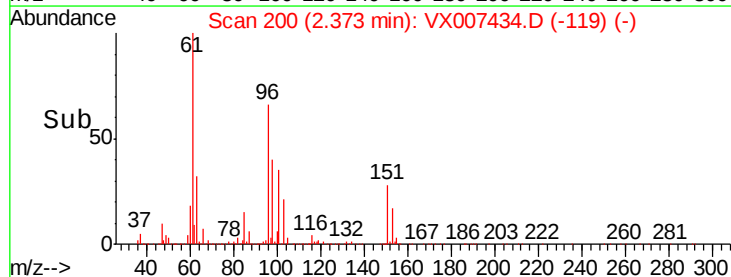
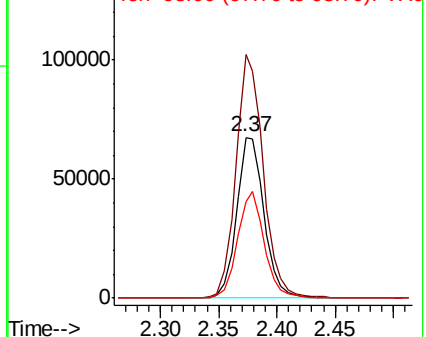
98 60.5 50.9 76.3

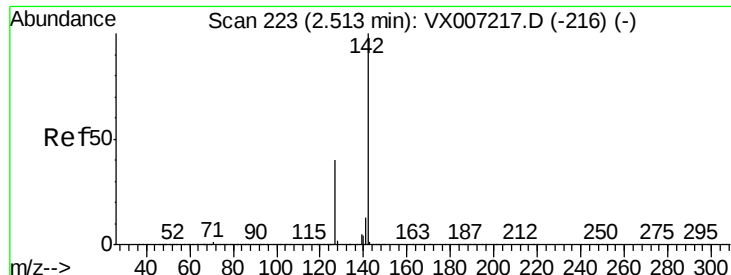


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

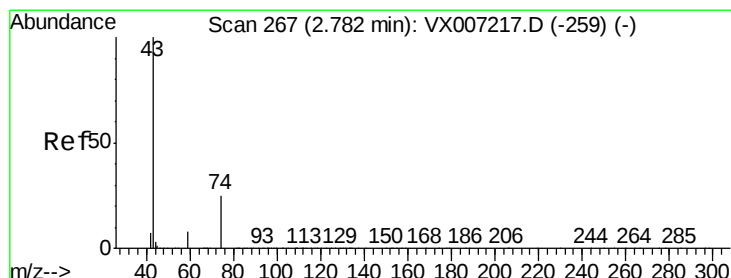
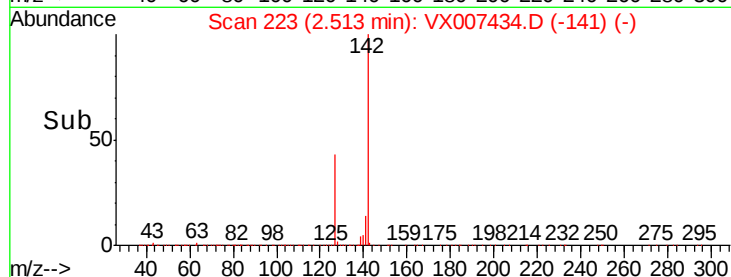
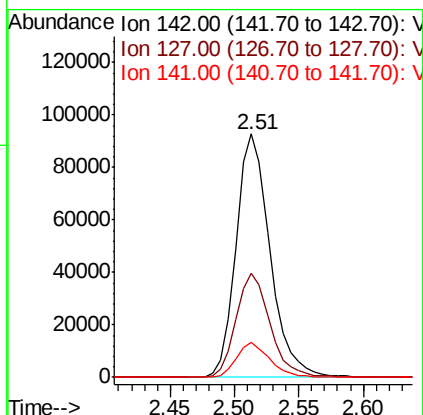
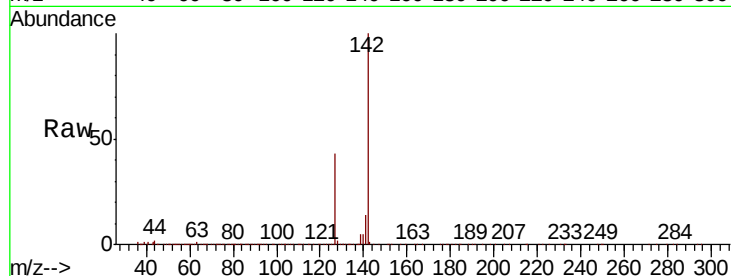




#11
Methyl Iodide
Concen: 19.642 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

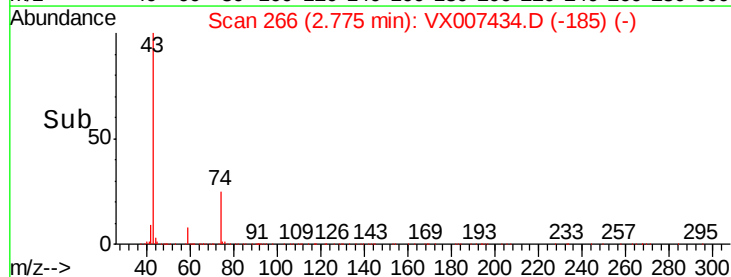
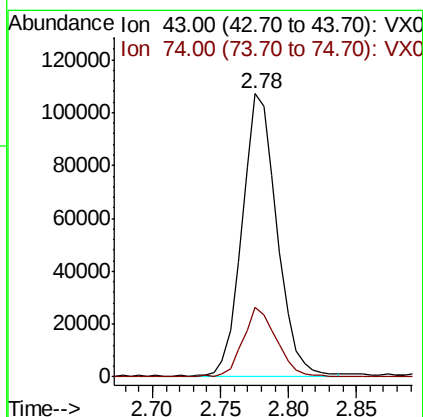
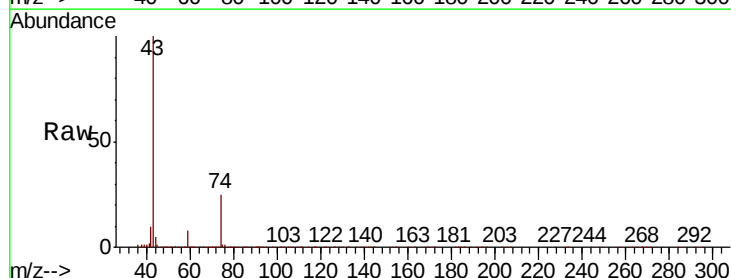
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

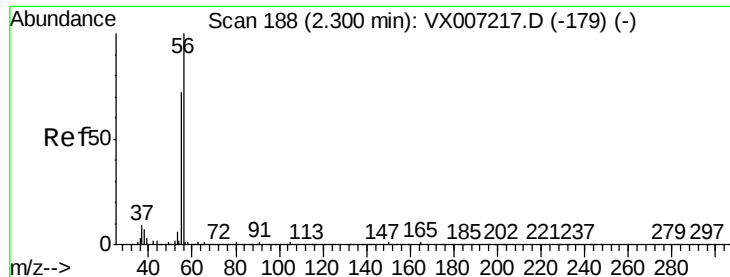
Tgt Ion: 142 Resp: 169567
Ion Ratio Lower Upper
142 100
127 42.9 20.0 59.9
141 14.1 6.3 19.1



#12
Methyl Acetate
Concen: 21.041 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 43 Resp: 190677
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8





#13

Acrolein

Concen: 69.196 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

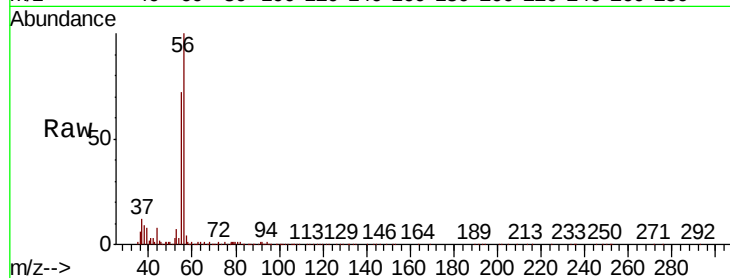
VSTDCCC020

Tgt Ion: 56 Resp: 45397

Ion Ratio Lower Upper

56 100

55 70.0 58.6 87.8

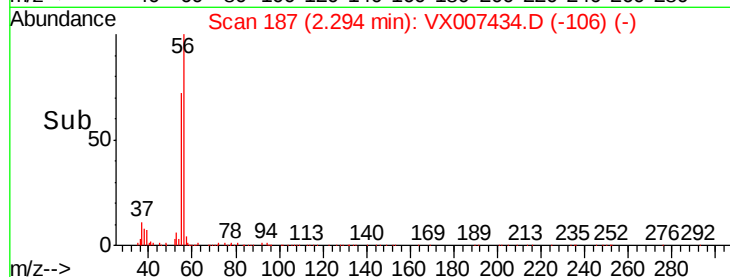


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->

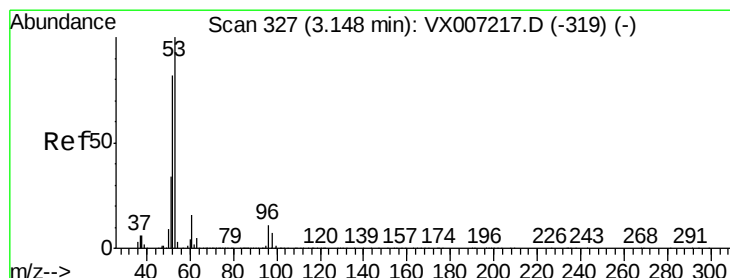


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



#14

Acrylonitrile

Concen: 105.601 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

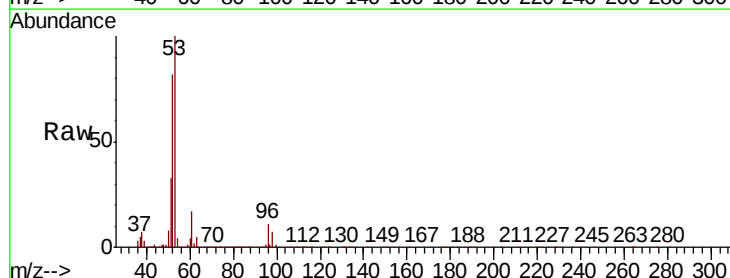
Tgt Ion: 53 Resp: 358282

Ion Ratio Lower Upper

53 100

52 80.8 41.3 124.1

51 35.1 17.9 53.8



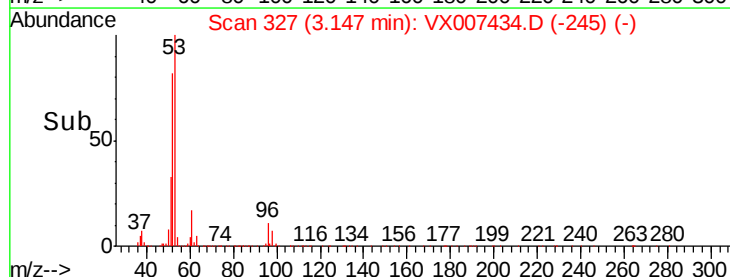
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.15

Time-->



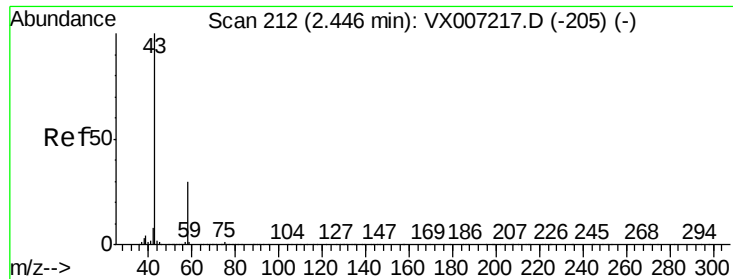
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.15

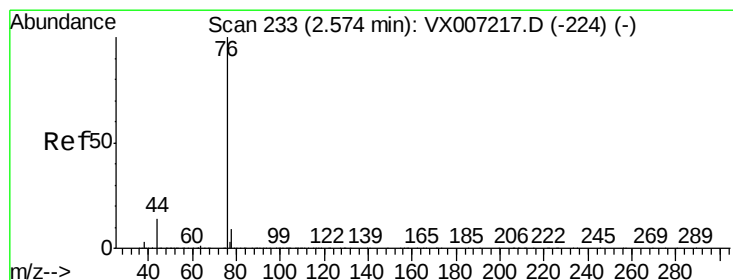
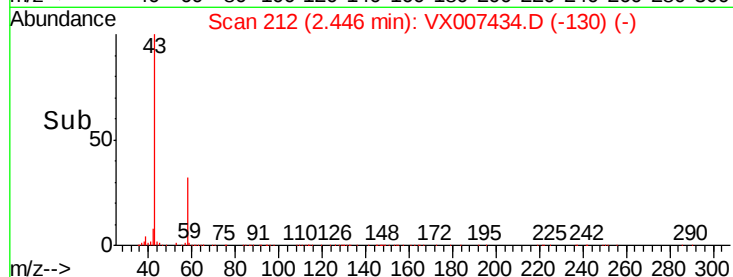
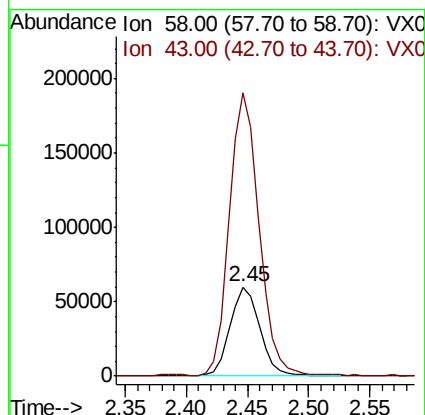
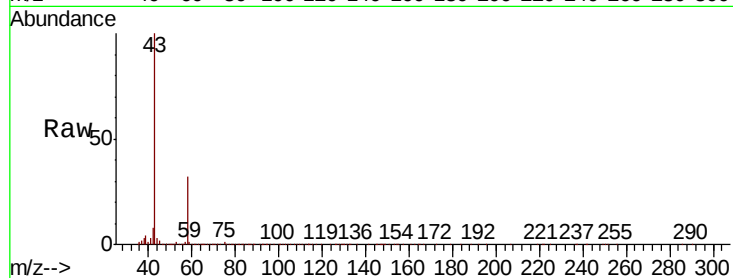
Time-->



#15
Acetone
Concen: 103.078 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

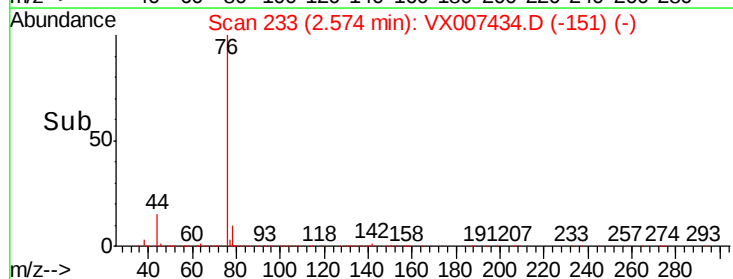
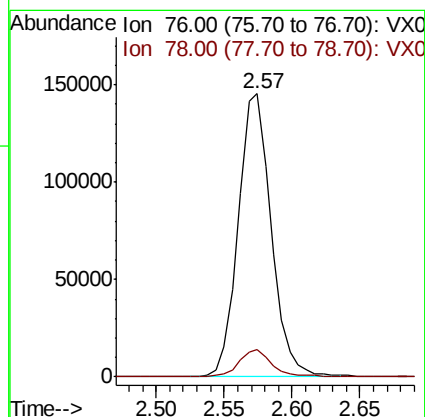
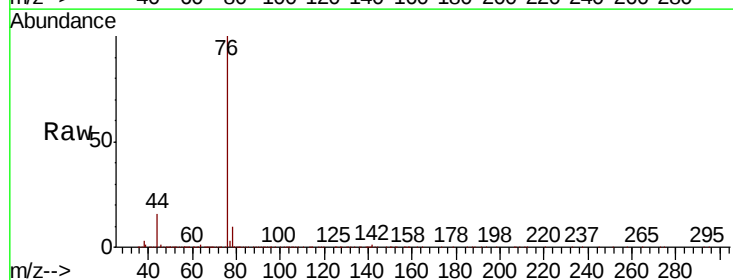
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

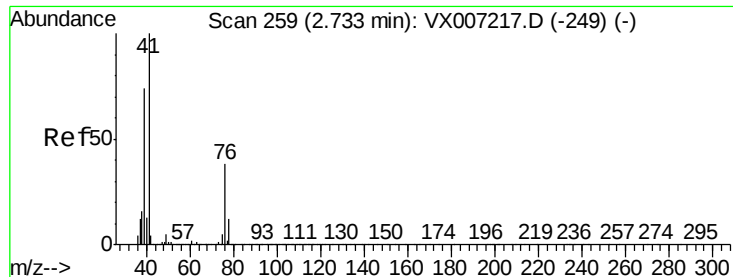
Tgt Ion: 58 Resp: 99404
Ion Ratio Lower Upper
58 100
43 317.0 265.9 398.9



#16
Carbon Disulfide
Concen: 19.212 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 76 Resp: 246510
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5





#17

Allyl chloride

Concen: 20.711 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

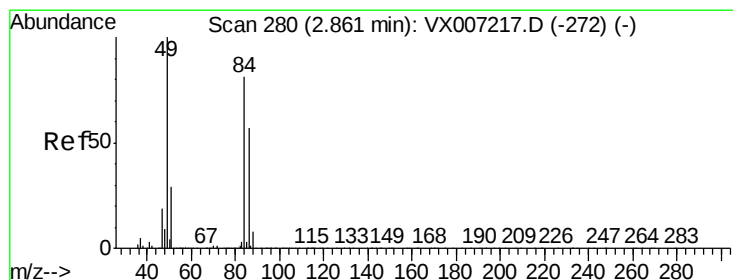
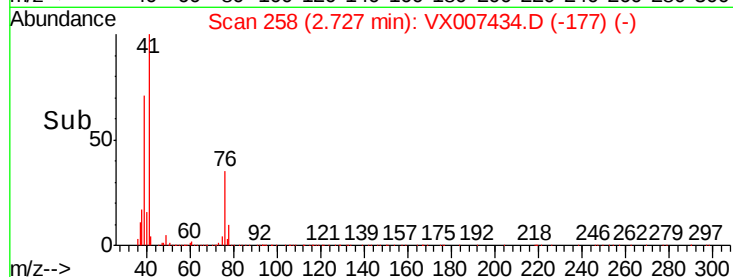
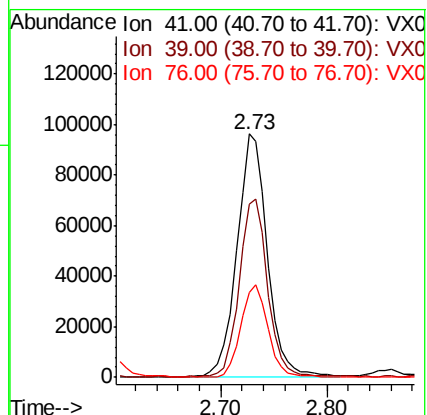
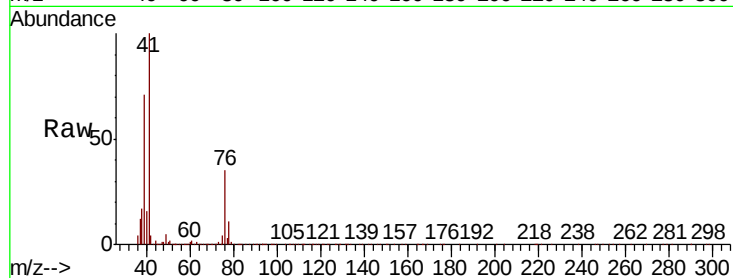
Tgt Ion: 41 Resp: 191620

Ion Ratio Lower Upper

41 100

39 71.1 37.0 111.0

76 34.7 19.3 57.8



#18

Methylene Chloride

Concen: 20.527 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Tgt Ion: 84 Resp: 125889

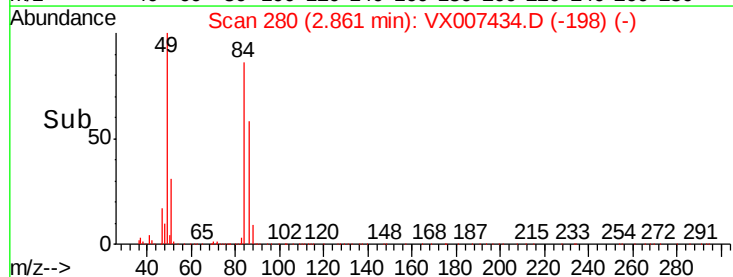
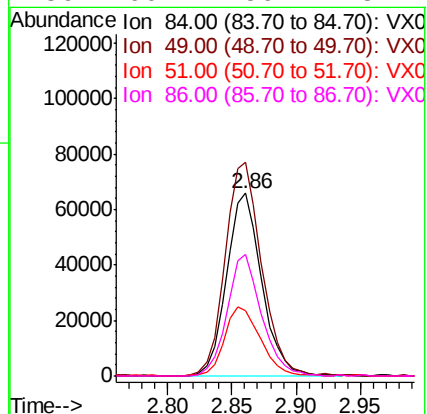
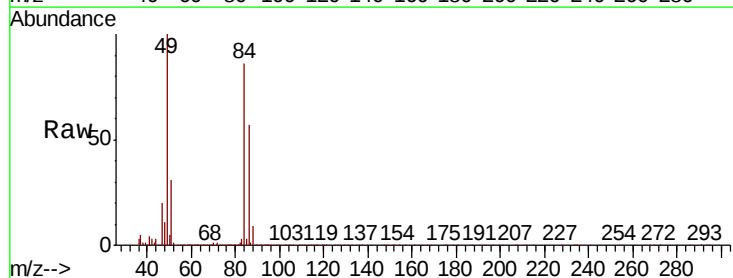
Ion Ratio Lower Upper

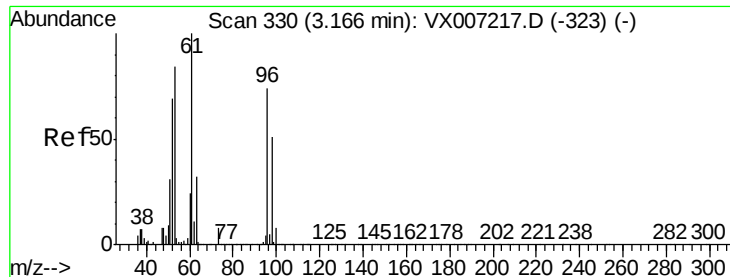
84 100

49 116.6 98.4 147.6

51 35.4 28.9 43.3

86 66.4 56.1 84.1

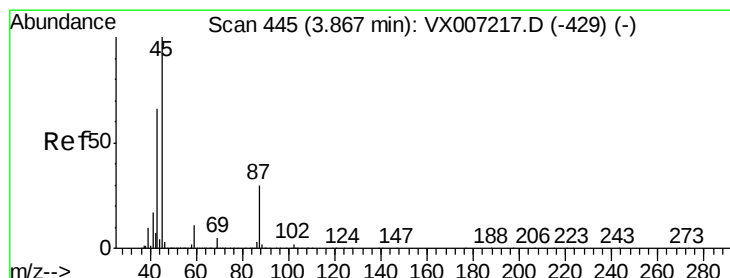
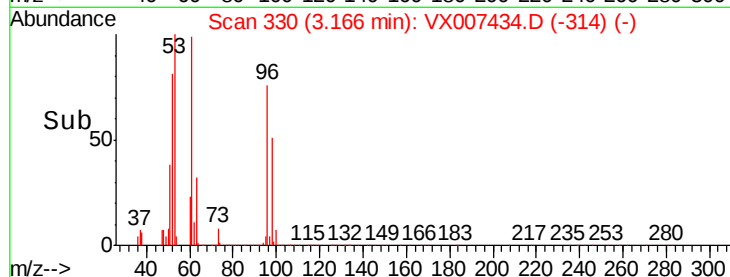
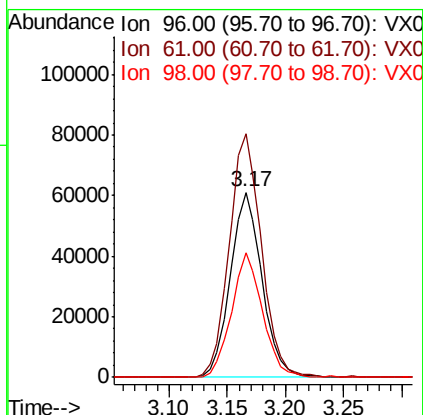
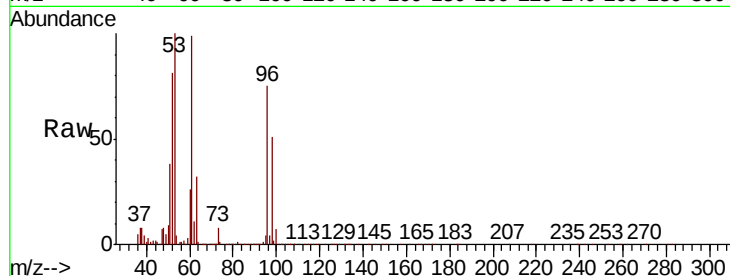




#19
trans-1,2-Dichloroethene
Concen: 20.098 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

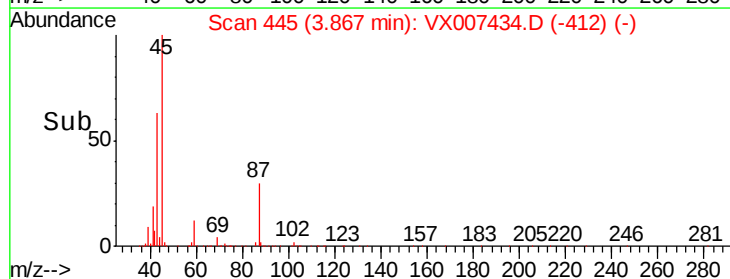
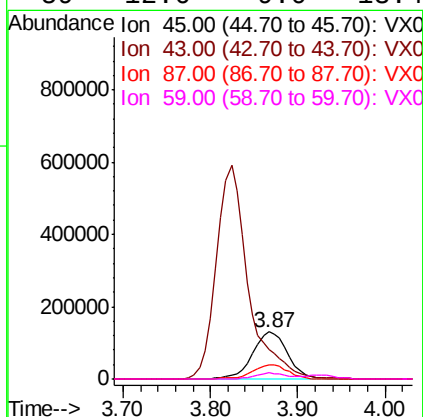
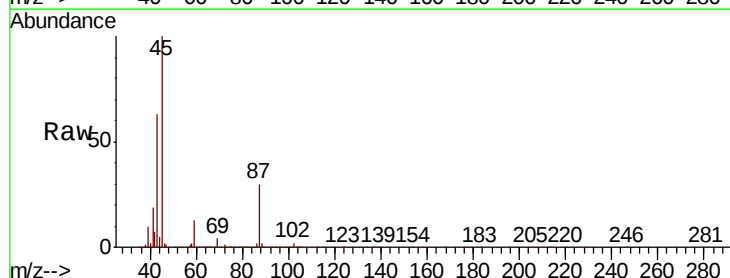
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

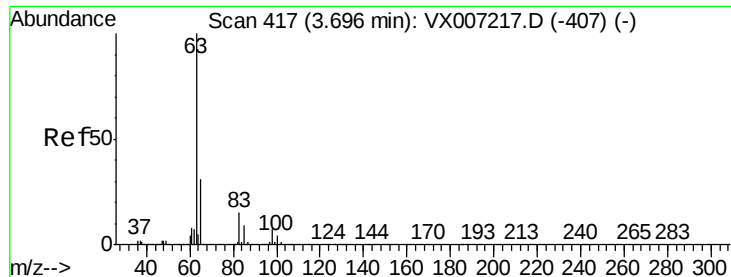
Tgt Ion: 96 Resp: 115802
Ion Ratio Lower Upper
96 100
61 131.2 107.8 161.6
98 67.5 54.9 82.3



#20
Diisopropyl ether
Concen: 21.049 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 45 Resp: 362557
Ion Ratio Lower Upper
45 100
43 61.3 53.1 79.7
87 29.8 23.7 35.5
59 12.6 9.0 13.4





#21

1,1-Dichloroethane

Concen: 21.413 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

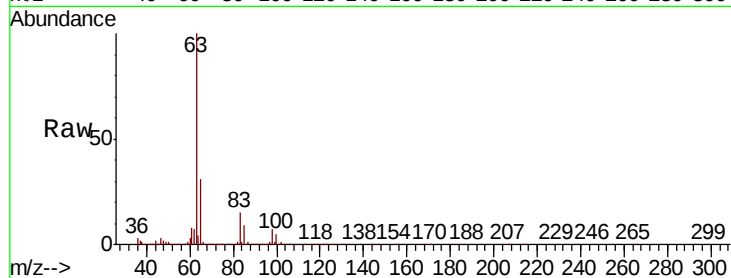
Tgt Ion: 63 Resp: 210654

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

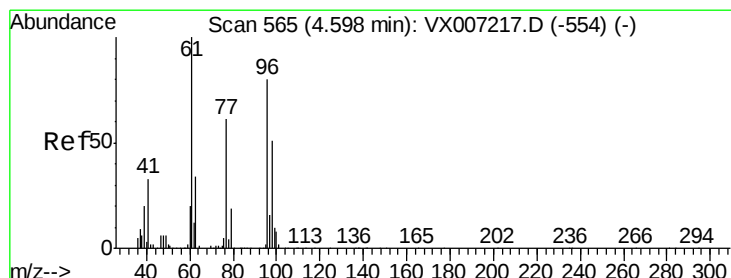
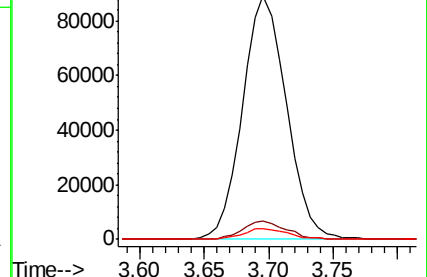
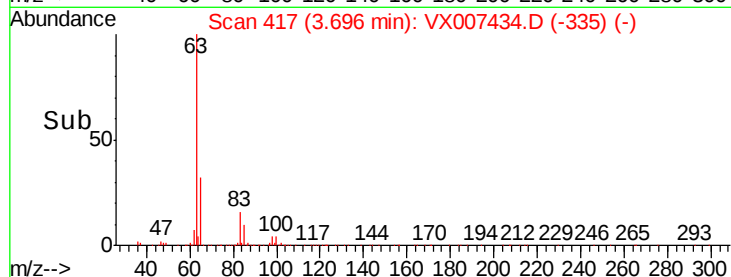
100 4.5 2.1 6.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 21.420 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

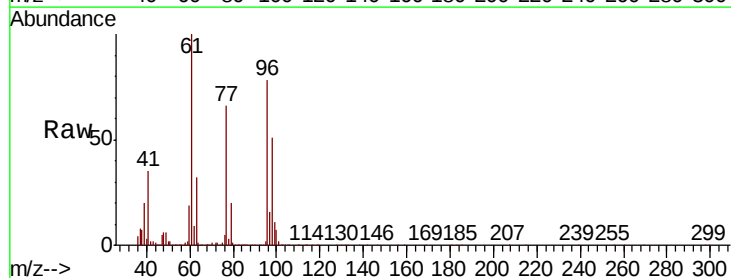
Tgt Ion: 96 Resp: 135729

Ion Ratio Lower Upper

96 100

61 129.1 108.1 162.1

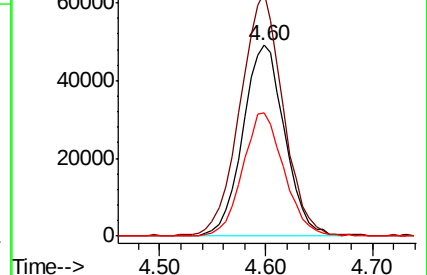
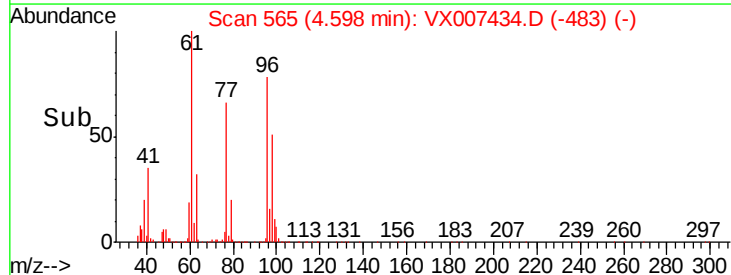
98 63.7 51.9 77.9

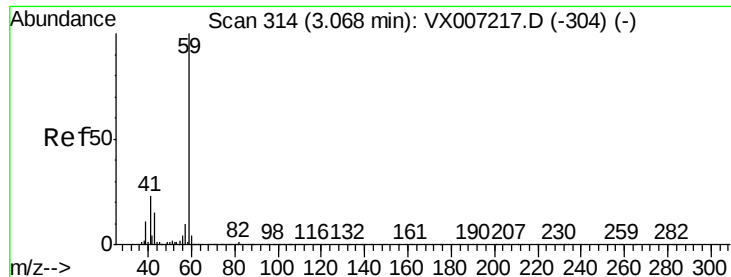


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



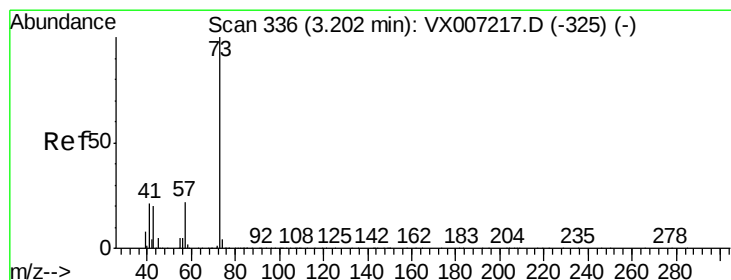
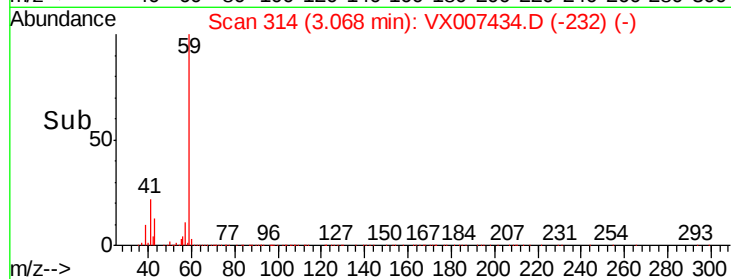
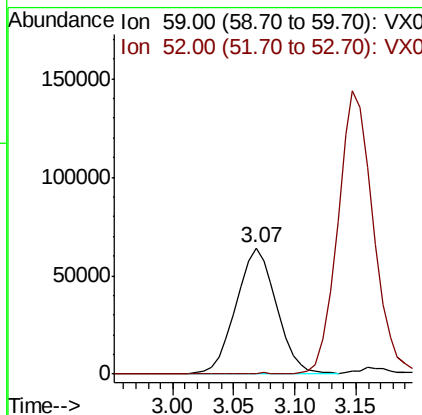
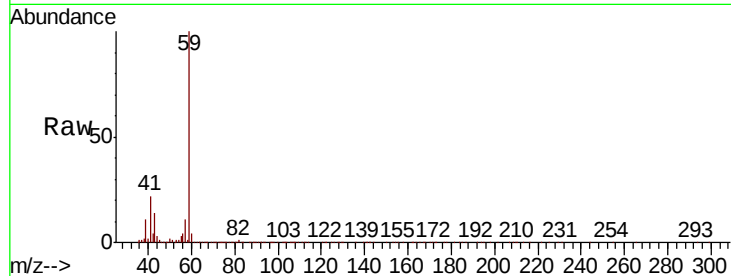


#23

tert-Butyl Alcohol
Concen: 101.181 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

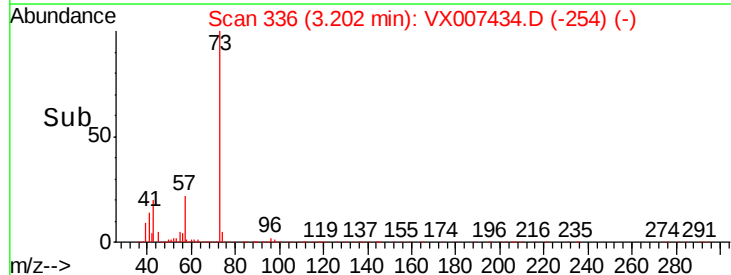
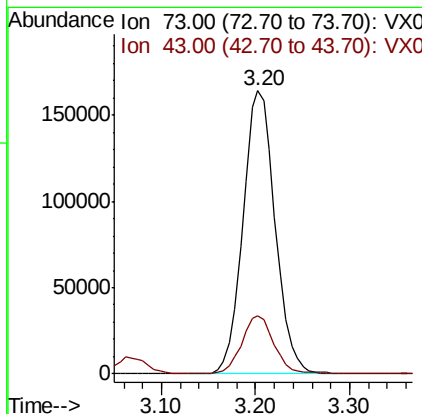
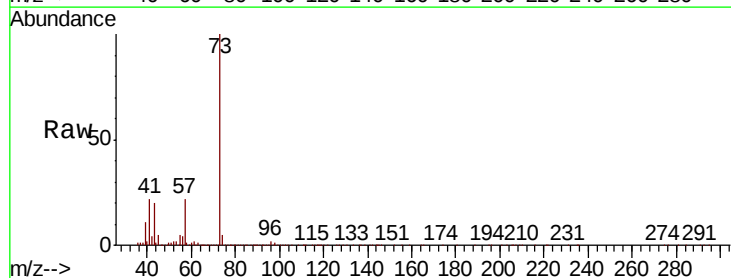
Tgt Ion: 59 Resp: 144264
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

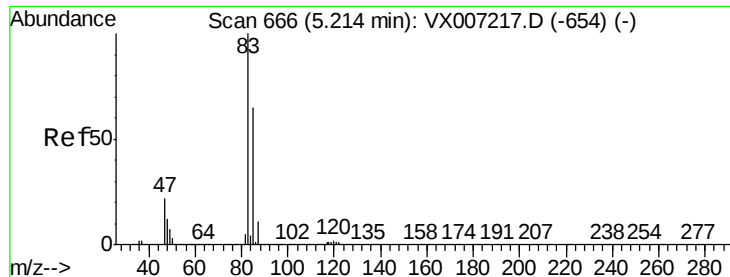


#24

Methyl tert-Butyl Ether
Concen: 20.974 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 73 Resp: 390924
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.4





#25

Chloroform

Concen: 21.177 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

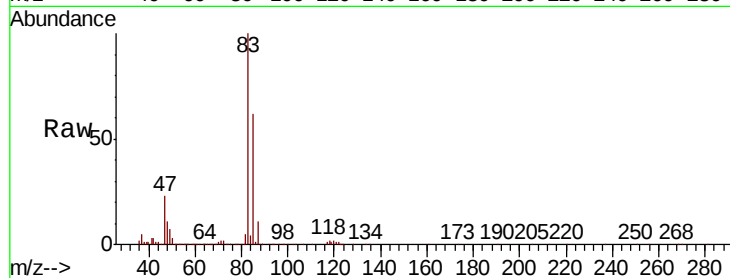
VSTDCCC020

Tgt Ion: 83 Resp: 215317

Ion Ratio Lower Upper

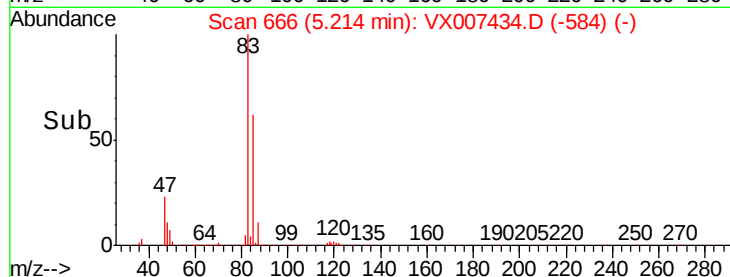
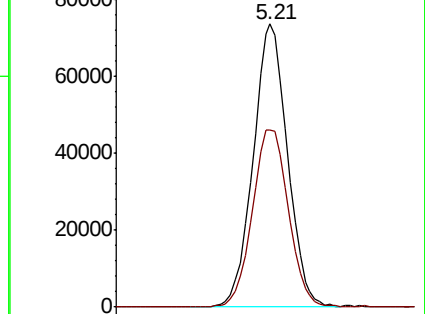
83 100

85 62.3 51.9 77.9

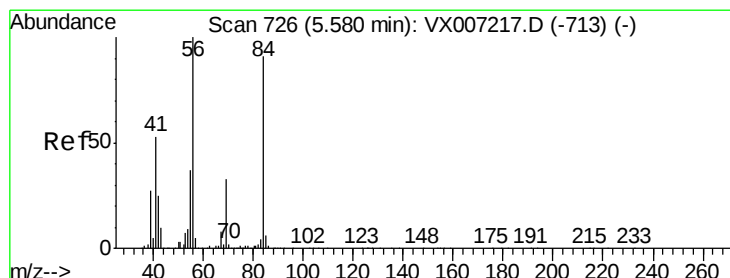


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



Time-->



#26

Cyclohexane

Concen: 21.111 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

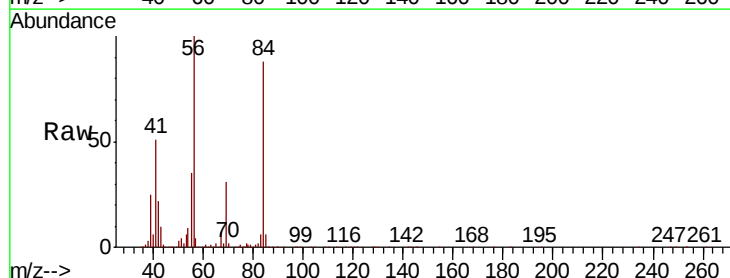
Tgt Ion: 56 Resp: 174909

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

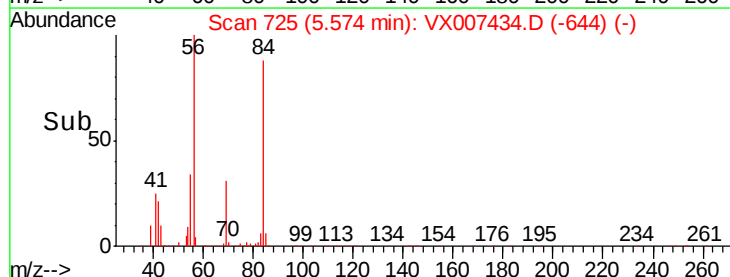
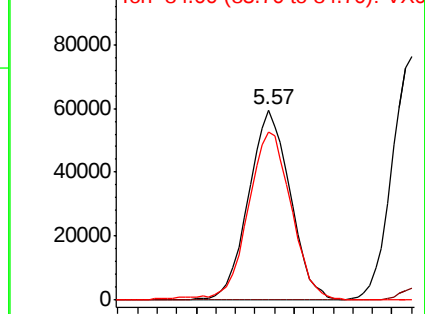
84 90.7 74.2 111.2



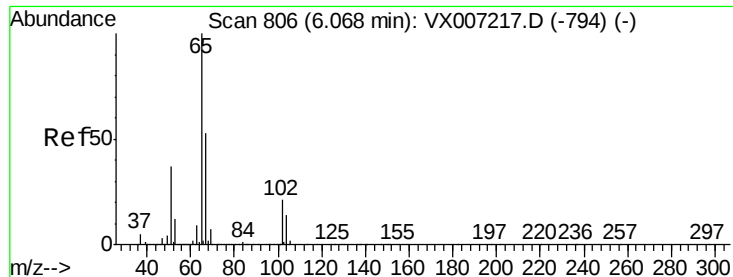
Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



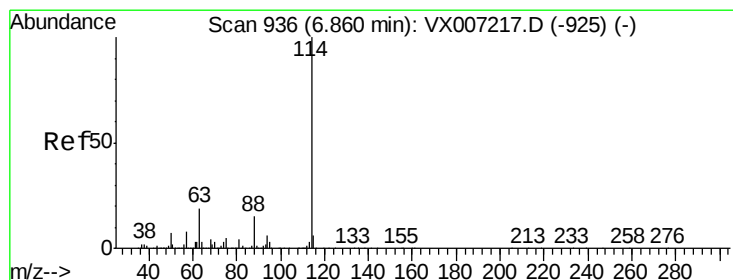
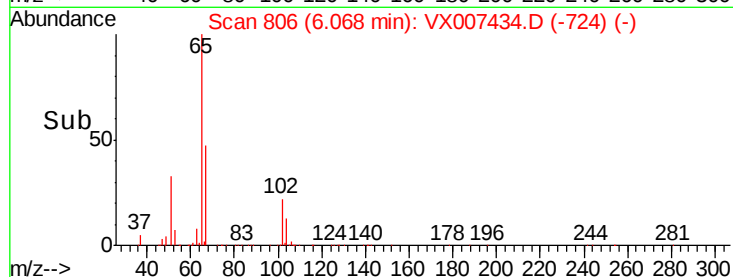
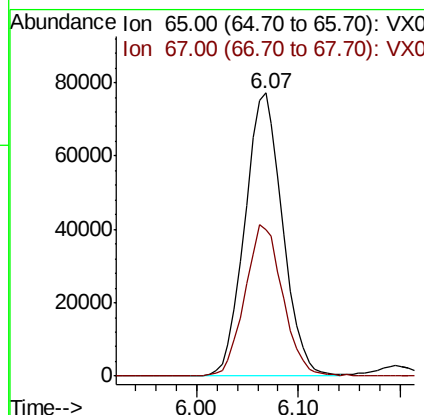
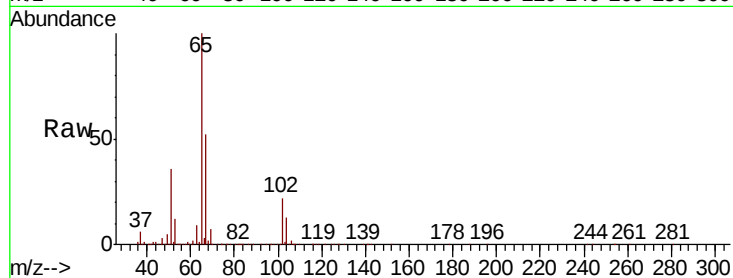
Time-->



#27
 1,2-Dichloroethane-d4
 Concen: 29.298 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

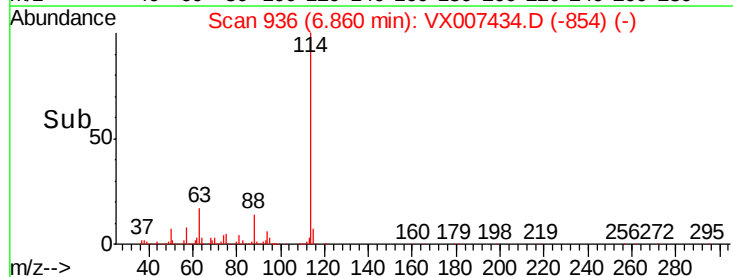
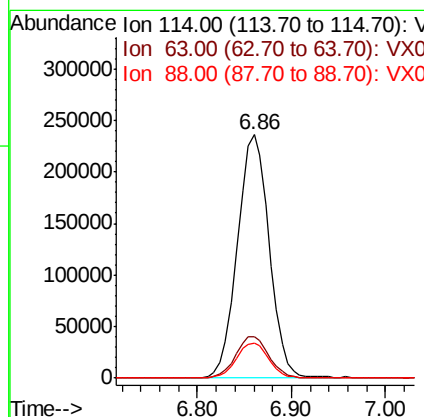
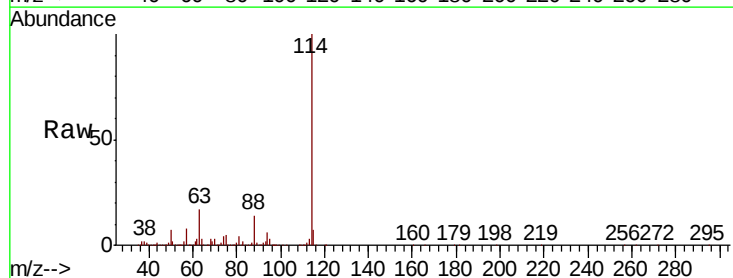
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

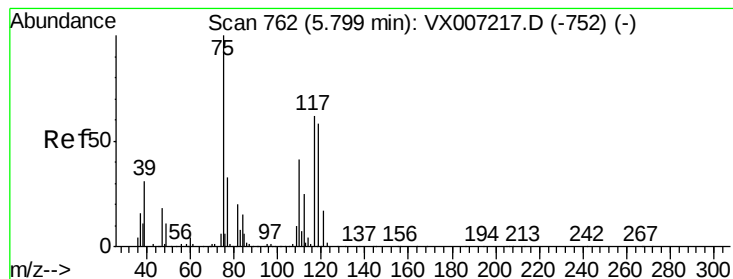
Tgt Ion: 65 Resp: 198279
 Ion Ratio Lower Upper
 65 100
 67 53.1 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion: 114 Resp: 557756
 Ion Ratio Lower Upper
 114 100
 63 17.6 14.6 21.8
 88 14.6 11.8 17.6





#29

1,1-Dichloropropene

Concen: 21.084 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

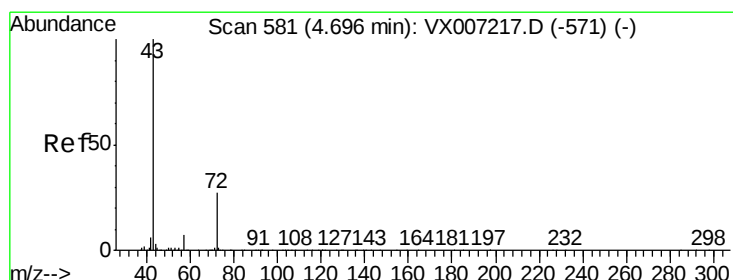
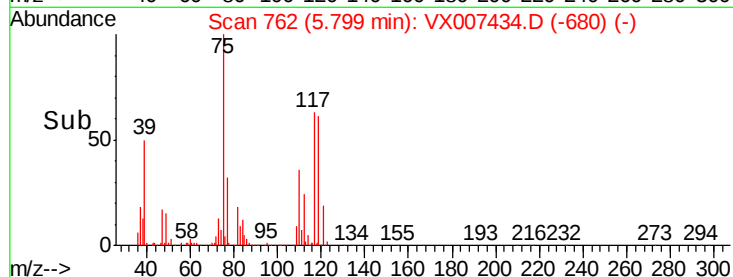
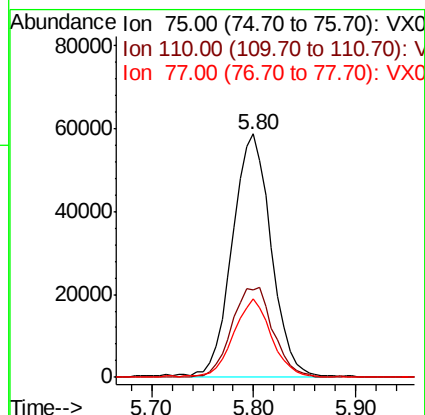
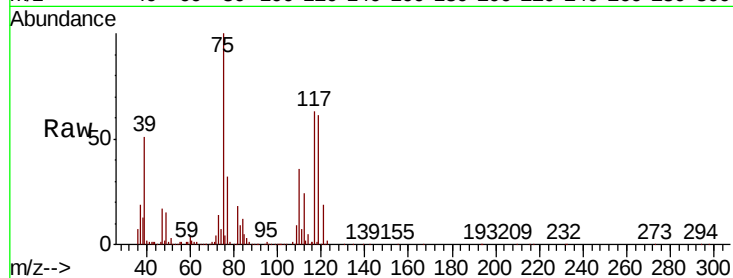
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	75	Resp:	153299
Ion	Ratio	Lower	Upper
75	100		
110	40.0	0.0	78.8
77	31.8	0.0	61.8



#30

2-Butanone

Concen: 104.726 ug/l

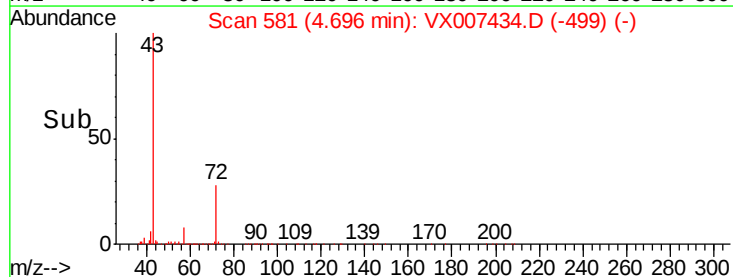
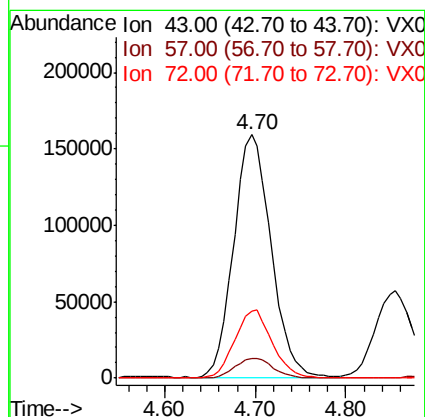
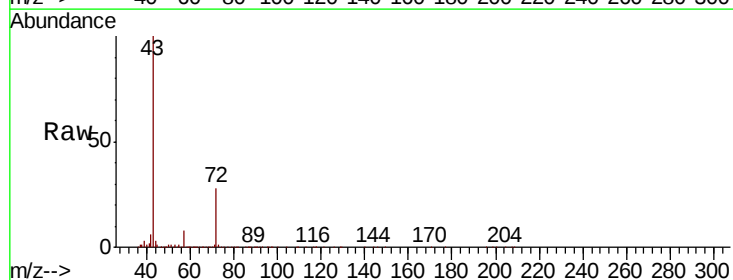
RT: 4.70 min Scan# 581

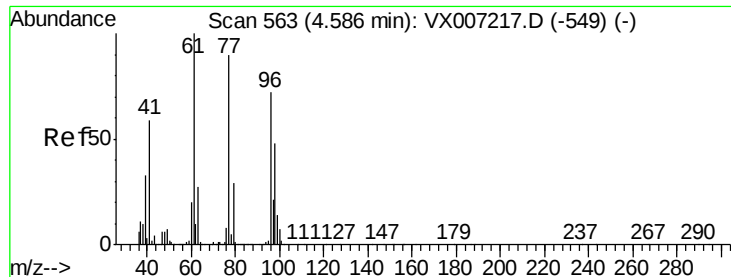
Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Tgt Ion:	43	Resp:	454983
Ion	Ratio	Lower	Upper
43	100		
57	8.0	3.3	4.9#
72	27.6	22.0	33.0





#31

2,2-Dichloropropane

Concen: 21.974 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

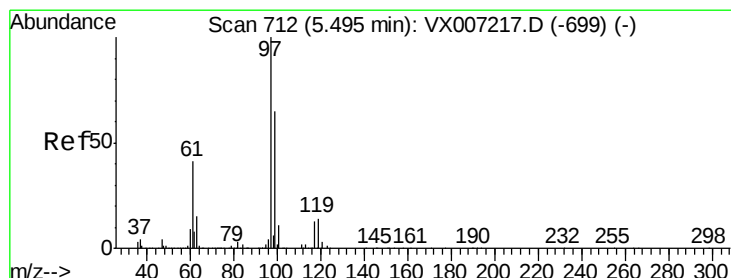
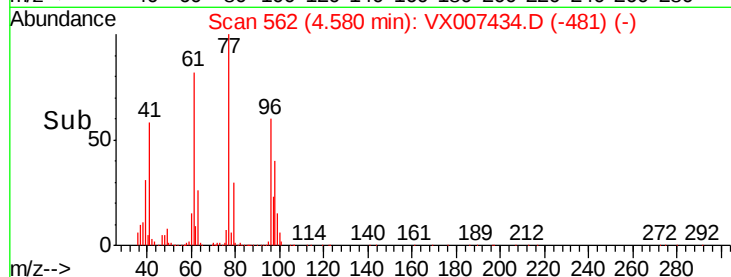
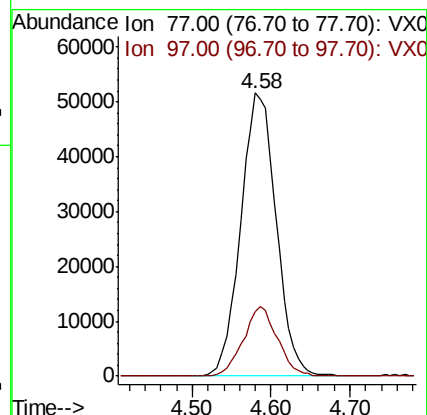
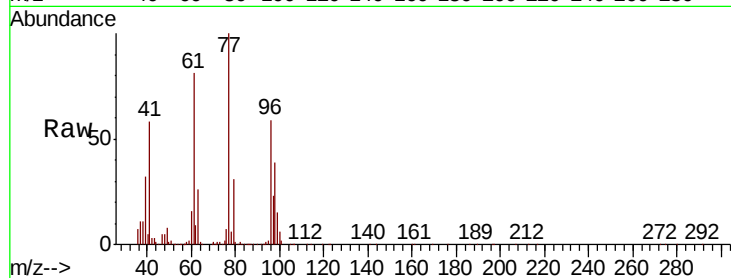
VSTDCCC020

Tgt Ion: 77 Resp: 161412

Ion Ratio Lower Upper

77 100

97 23.7 19.8 29.8



#32

1,1,1-Trichloroethane

Concen: 21.104 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

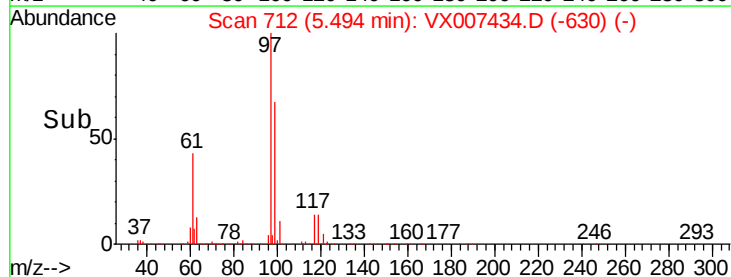
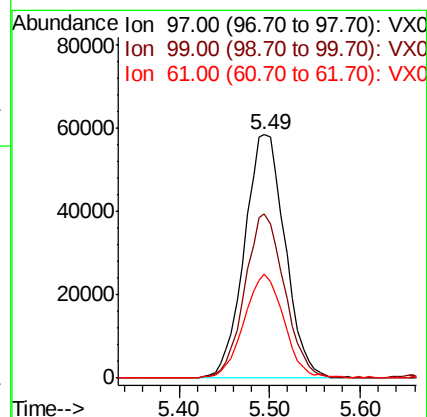
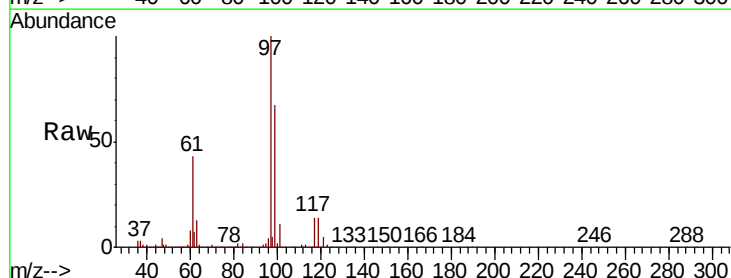
Tgt Ion: 97 Resp: 181344

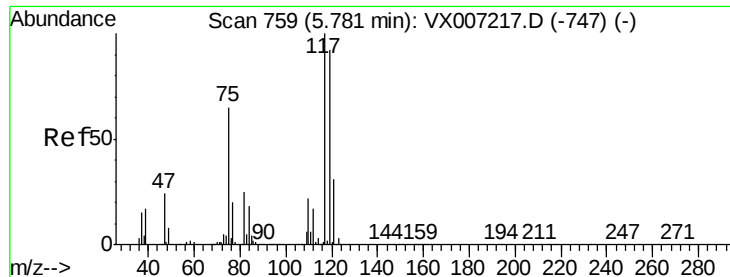
Ion Ratio Lower Upper

97 100

99 65.9 51.9 77.9

61 41.7 33.6 50.4

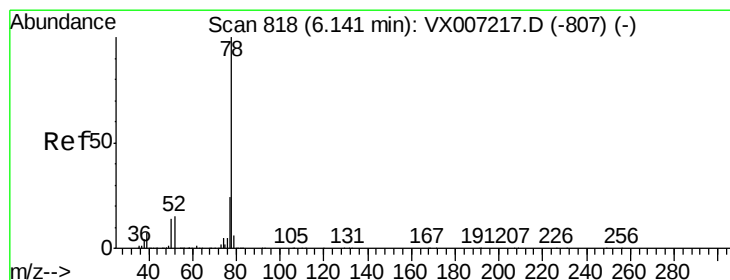
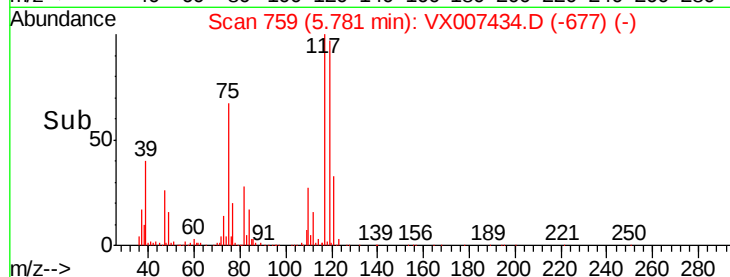
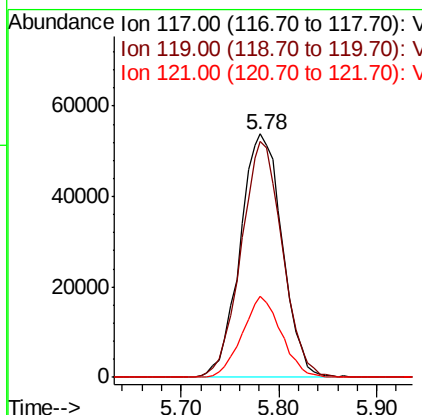
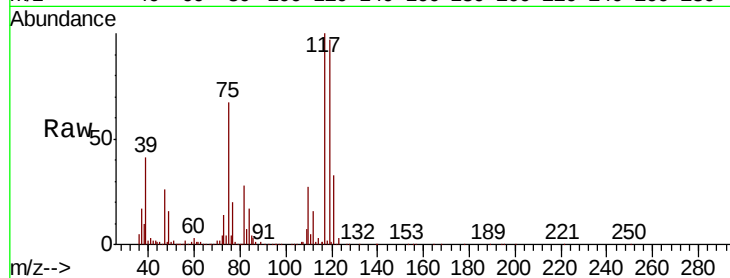




#33
Carbon Tetrachloride
Concen: 21.170 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

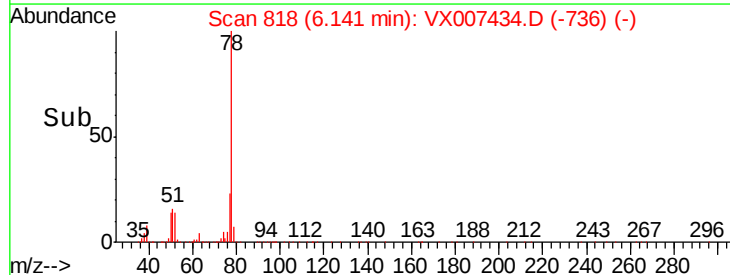
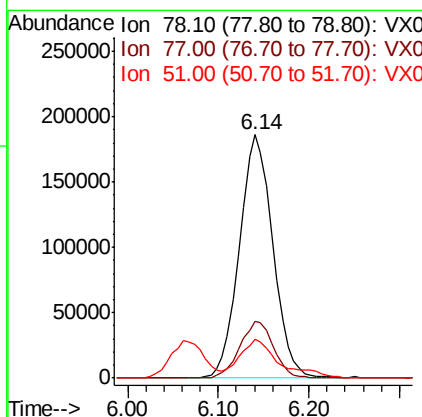
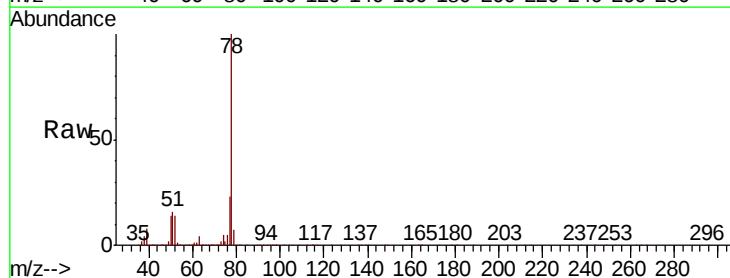
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

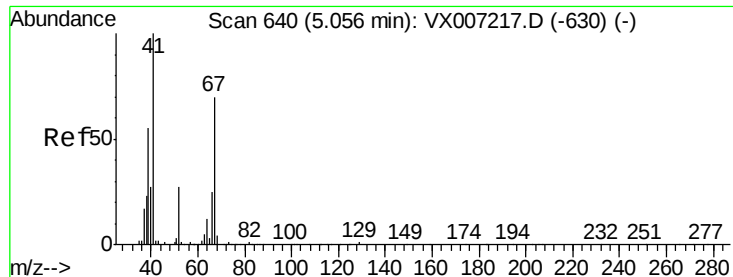
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	73.5	110.3
121	33.0	24.6	37.0



#34
Benzene
Concen: 21.222 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7
51	15.2	12.4	18.6

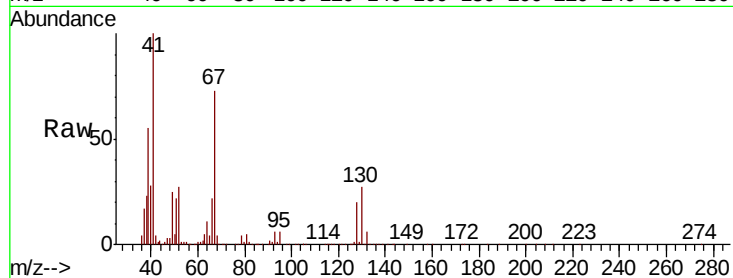




#35
Methacrylonitrile
Concen: 21.454 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	95141
Ion	Ratio	Lower	Upper
41	100		
39	53.8	27.5	82.4
67	72.3	34.8	104.3
52	27.0	13.5	40.5



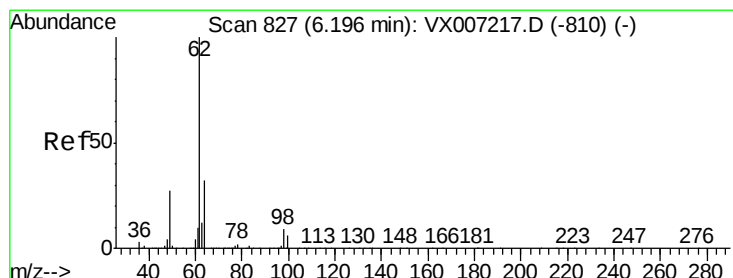
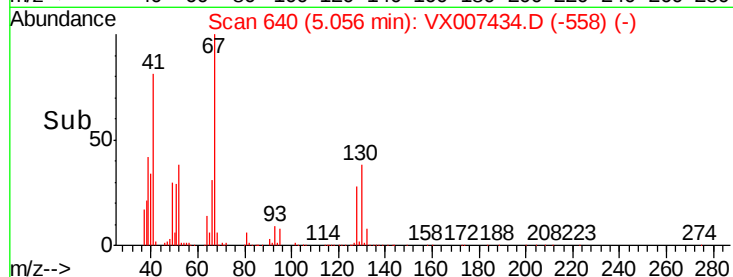
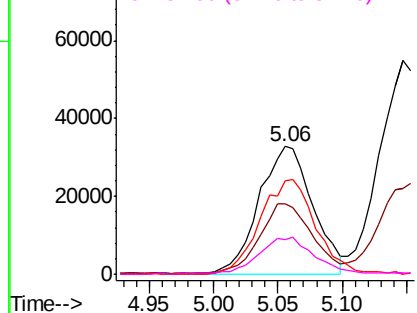
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

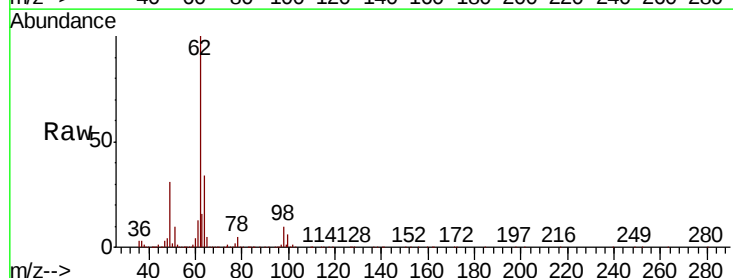
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 20.784 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

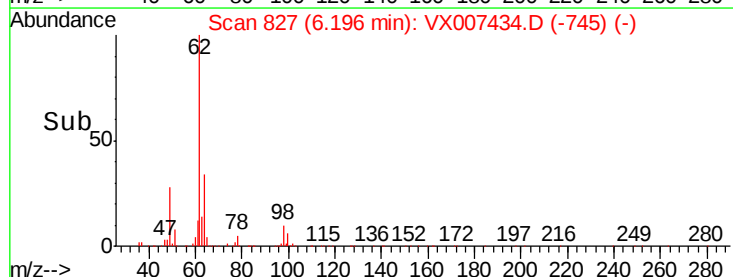
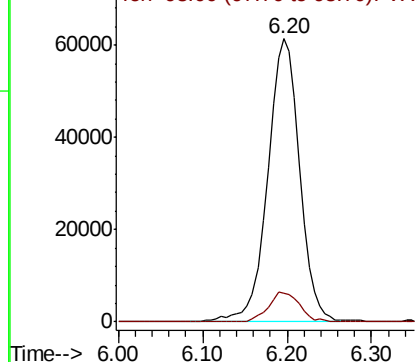
Tgt Ion:	62	Resp:	160846
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.1	12.1

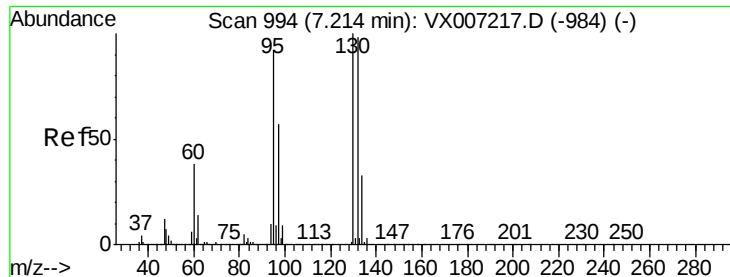


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

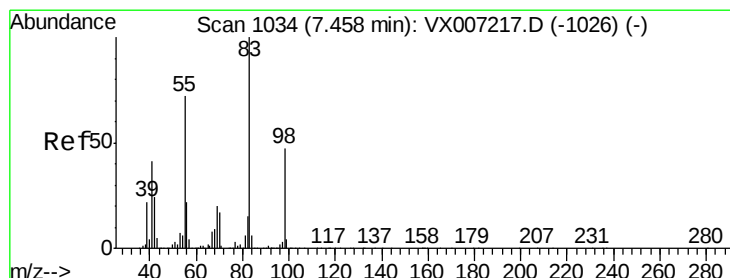
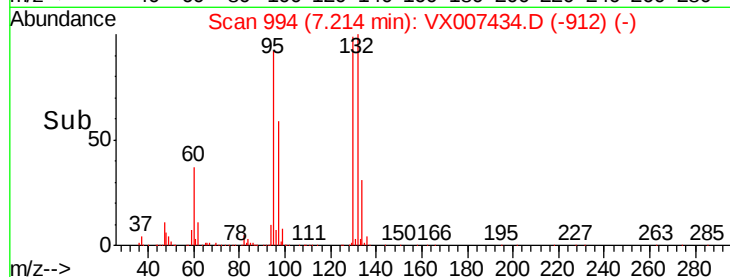
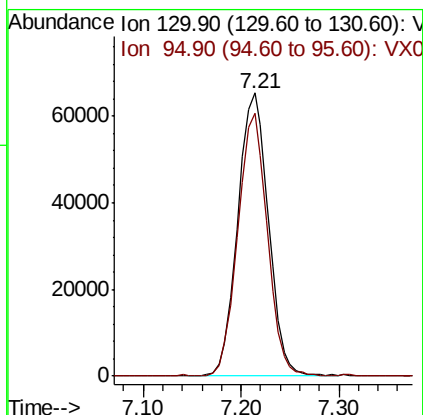
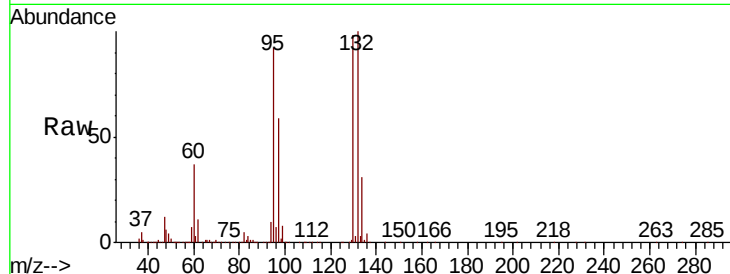




#37
 Trichloroethene
 Concen: 21.578 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

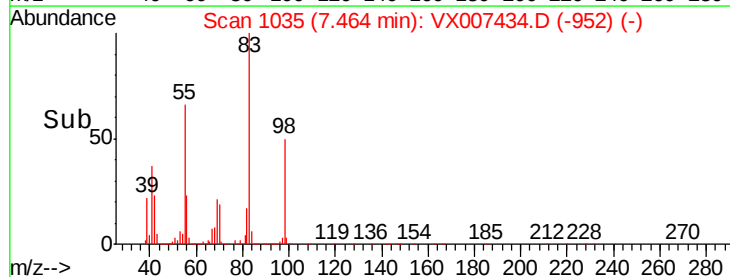
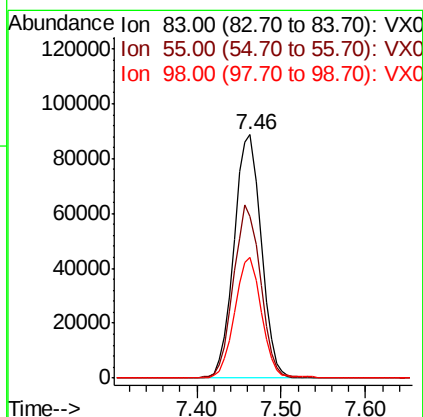
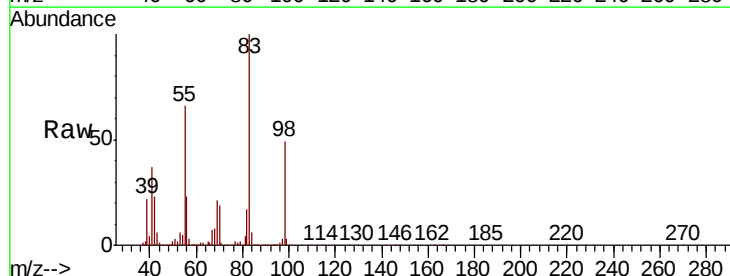
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

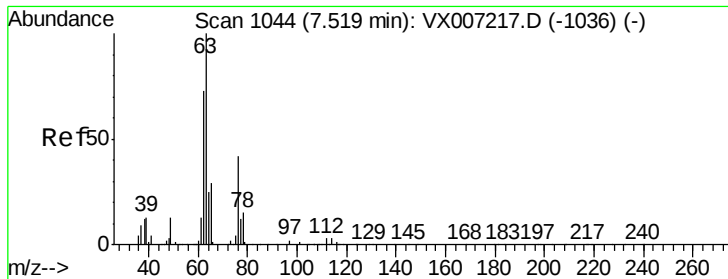
Tgt Ion: 130 Resp: 142692
 Ion Ratio Lower Upper
 130 100
 95 93.1 73.7 110.5



#38
 Methylcyclohexane
 Concen: 21.029 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion: 83 Resp: 193776
 Ion Ratio Lower Upper
 83 100
 55 69.9 36.6 109.8
 98 48.4 24.1 72.4

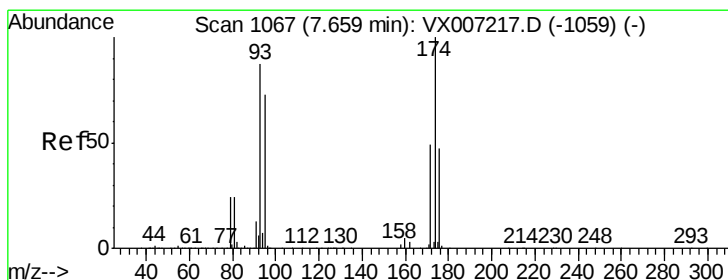
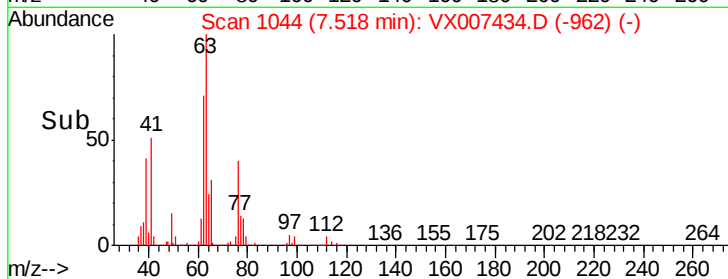
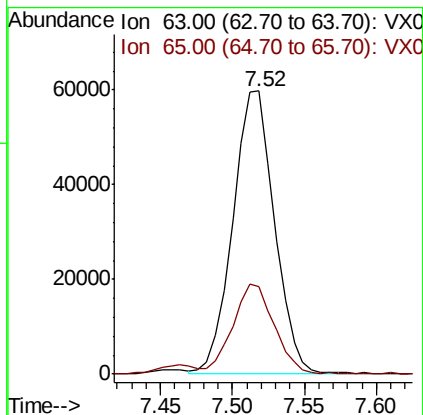
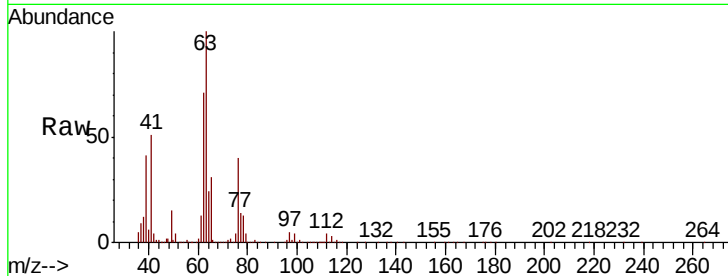




#39
 1,2-Dichloropropane
 Concen: 21.315 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

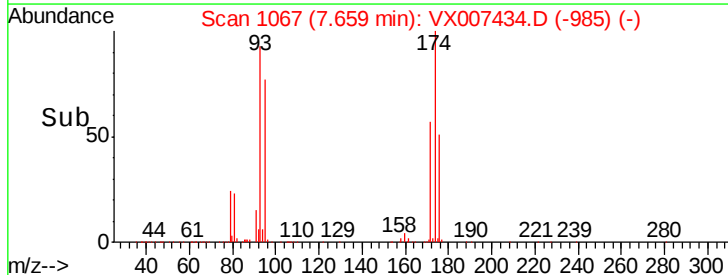
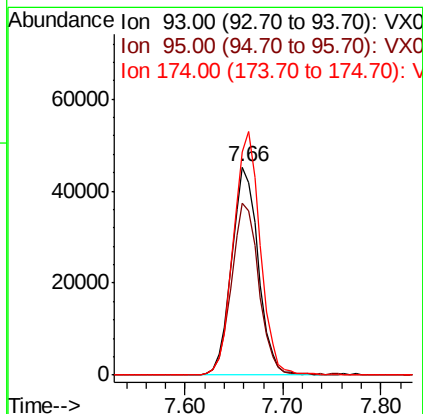
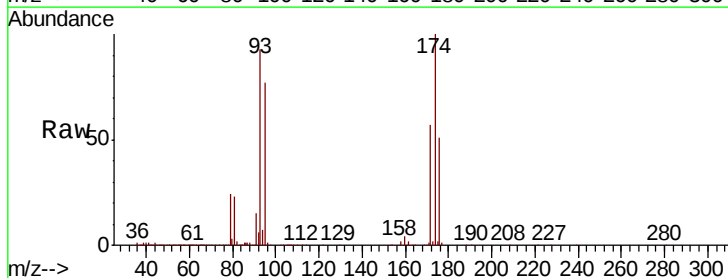
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

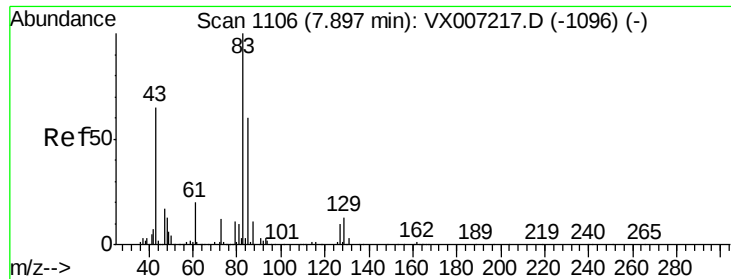
Tgt Ion: 63 Resp: 119884
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#40
 Dibromomethane
 Concen: 21.176 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion: 93 Resp: 85794
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 172.4
 174 116.7 0.0 233.0





#41

Bromodichloromethane

Concen: 21.122 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

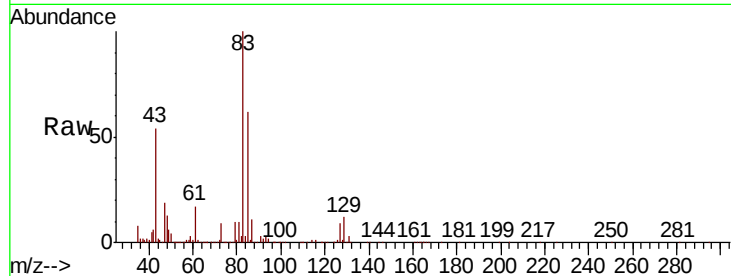
Tgt Ion: 83 Resp: 150186

Ion Ratio Lower Upper

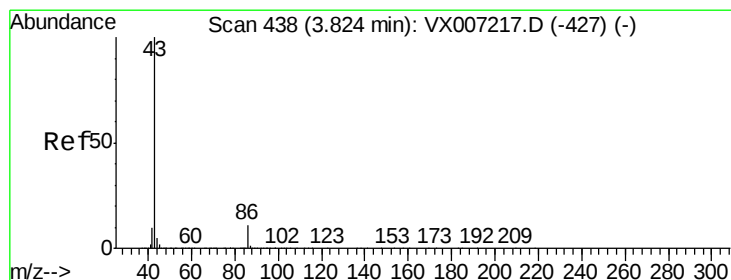
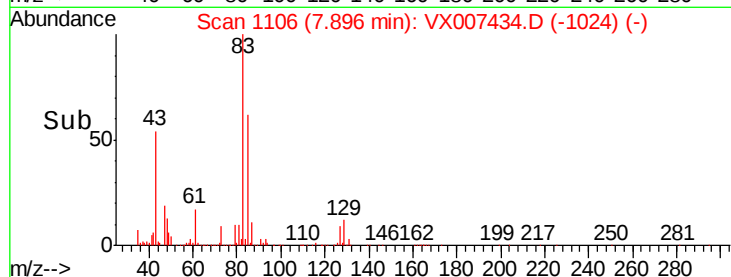
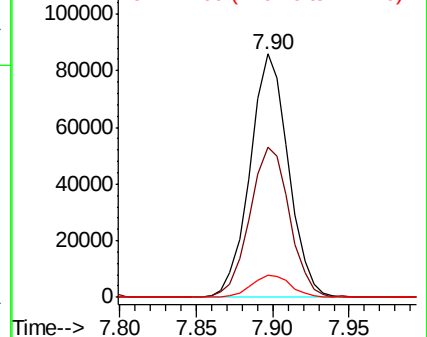
83 100

85 61.3 48.2 72.2

127 9.3 8.3 12.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 102.930 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007434.D

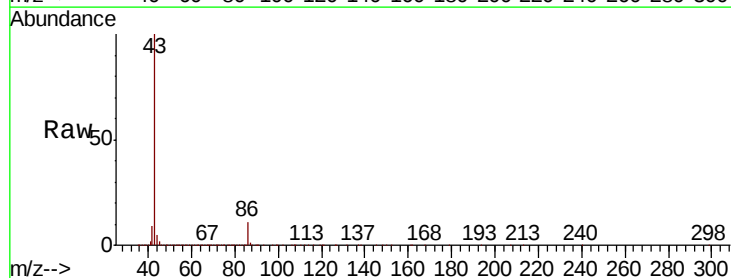
Acq: 08 Feb 2019 11:09

Tgt Ion: 43 Resp: 1516175

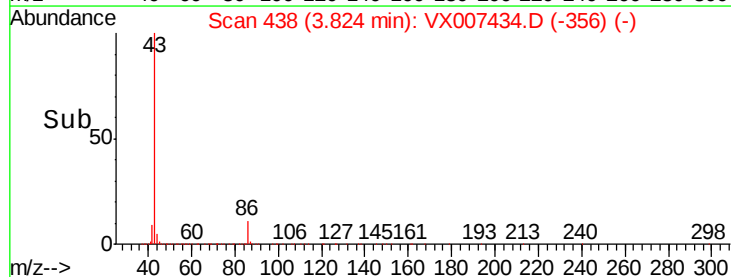
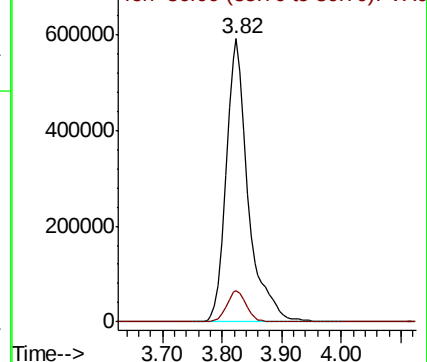
Ion Ratio Lower Upper

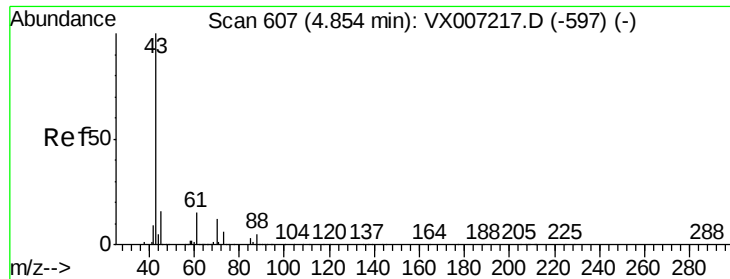
43 100

86 9.8 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.655 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

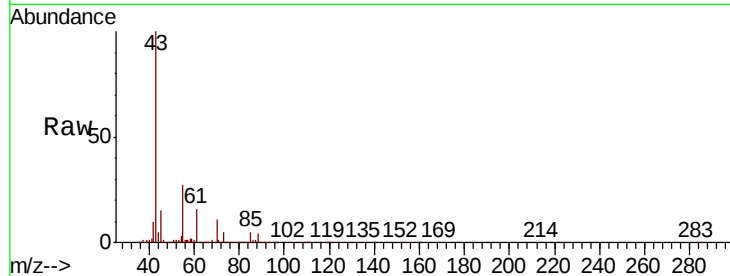
VSTDCCC020

Tgt Ion: 43 Resp: 167444

Ion Ratio Lower Upper

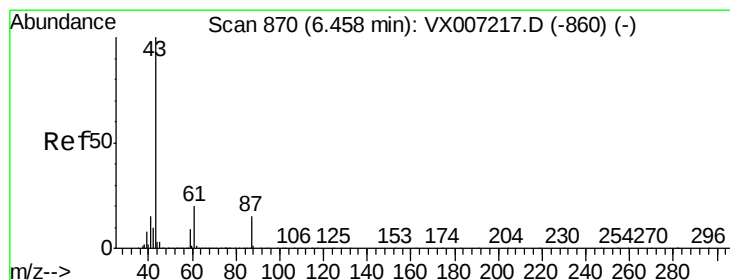
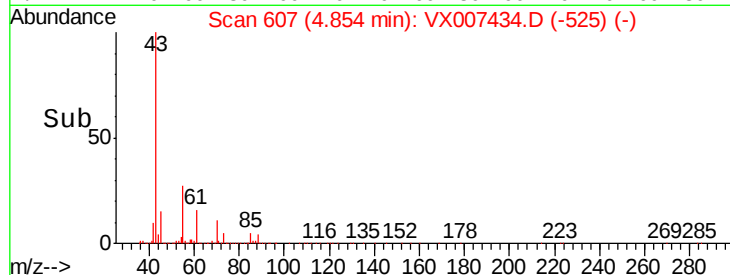
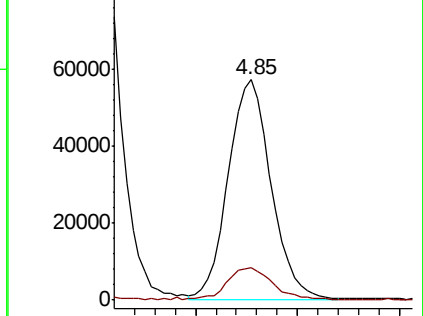
43 100

45 15.5 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 21.051 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007434.D

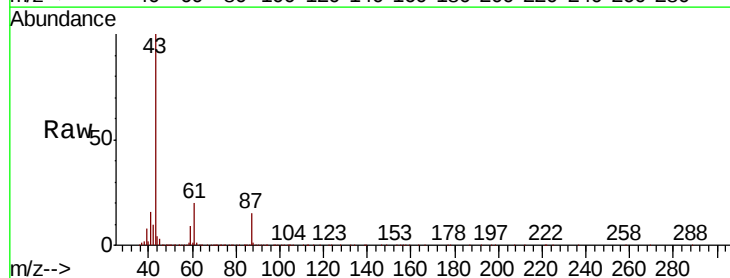
Acq: 08 Feb 2019 11:09

Tgt Ion: 43 Resp: 266534

Ion Ratio Lower Upper

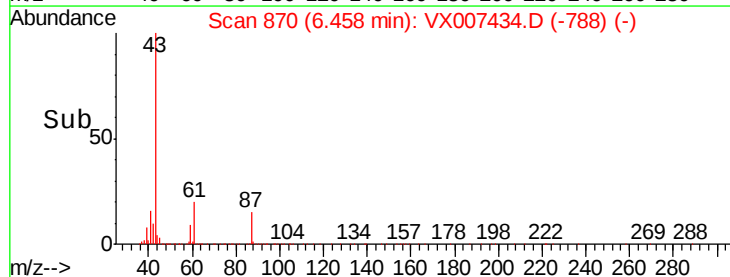
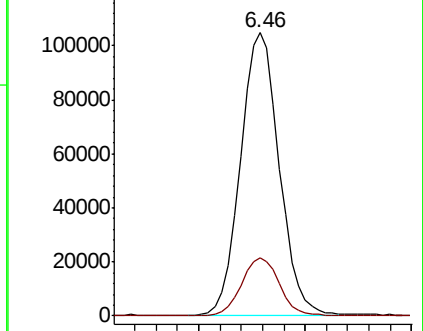
43 100

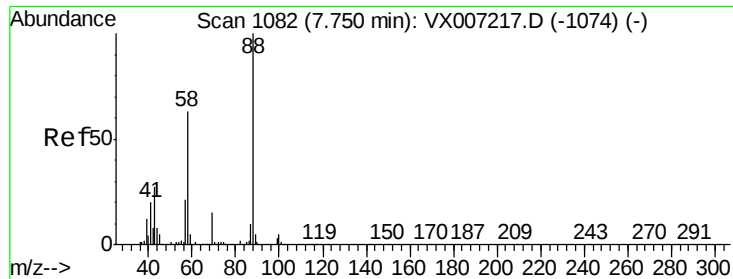
61 20.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

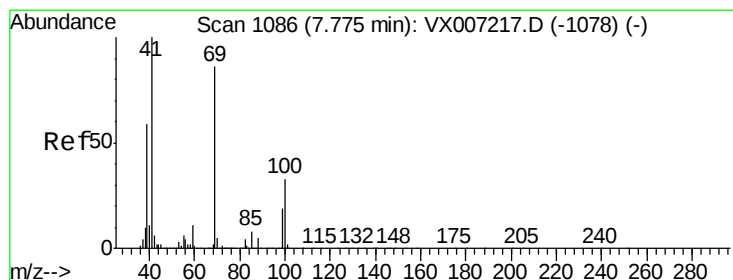
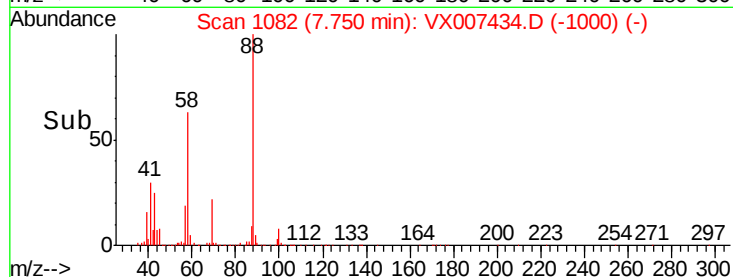
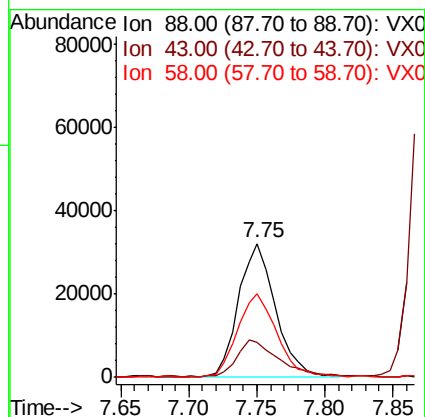
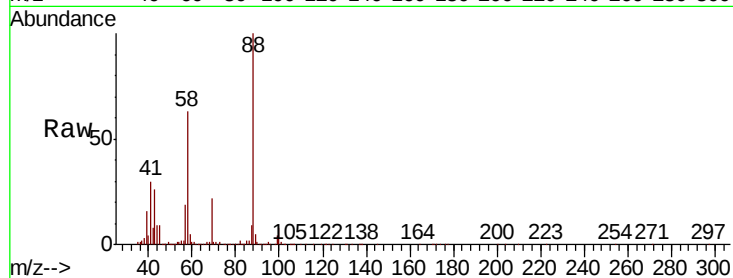




#45
1,4-Dioxane
Concen: 400.664 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

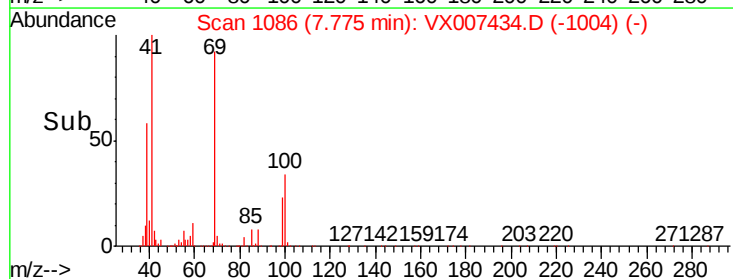
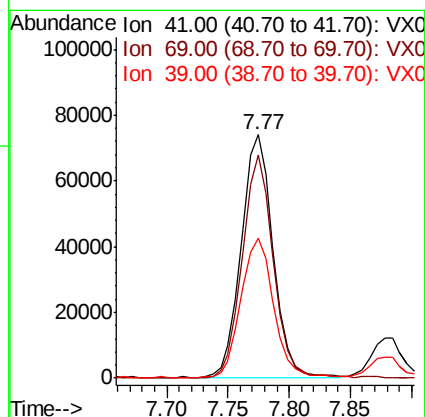
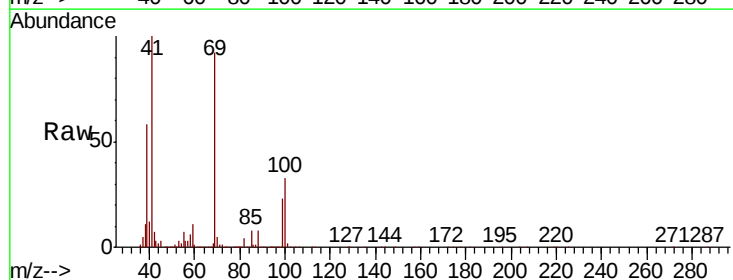
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

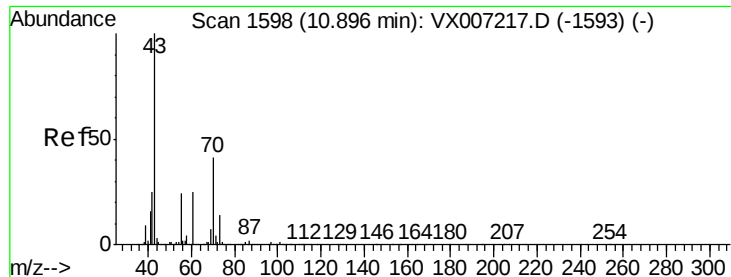
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.5	35.3
58	65.8	51.6	77.4



#46
Methyl methacrylate
Concen: 20.573 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.8	43.0	129.2
39	57.4	29.4	88.2

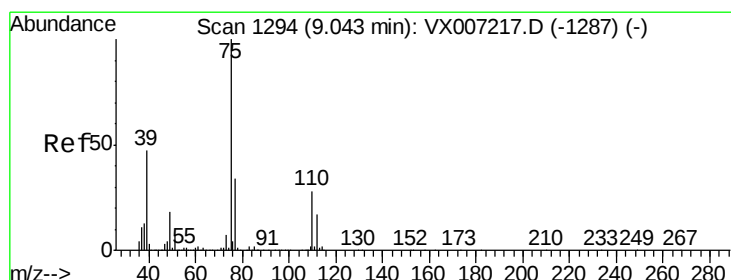
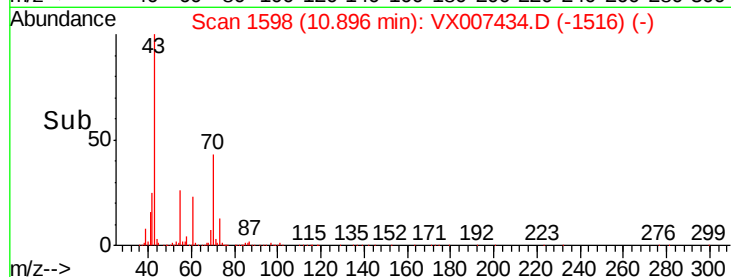
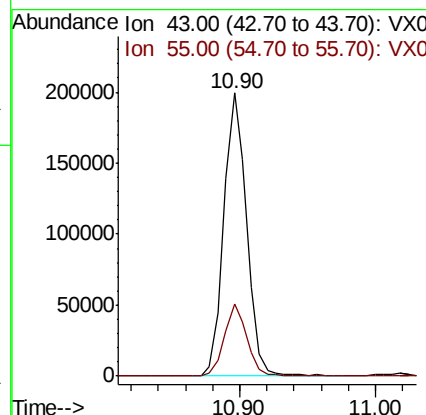
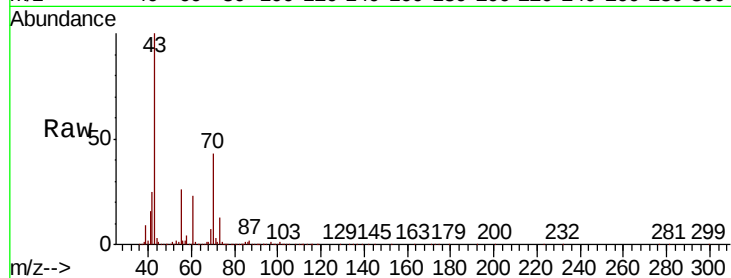




#47
n-amy1 Acetate
Concen: 20.730 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

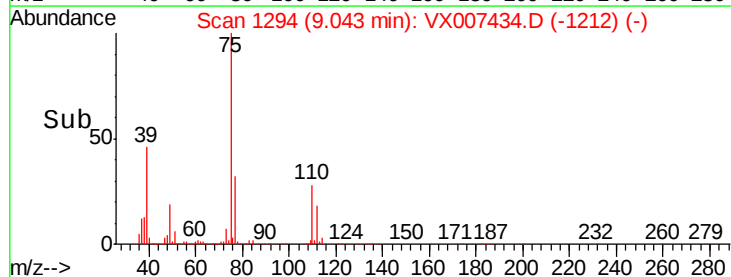
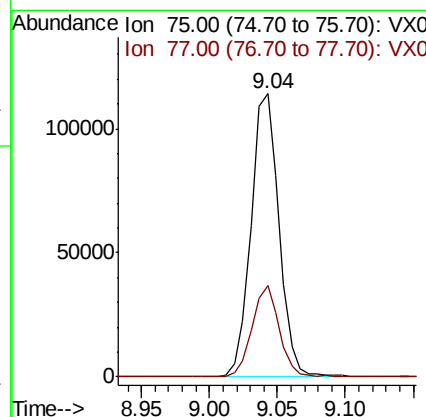
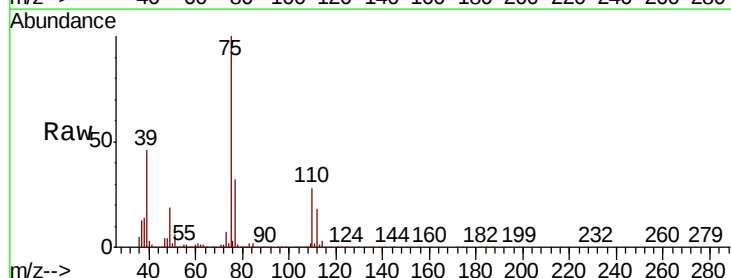
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

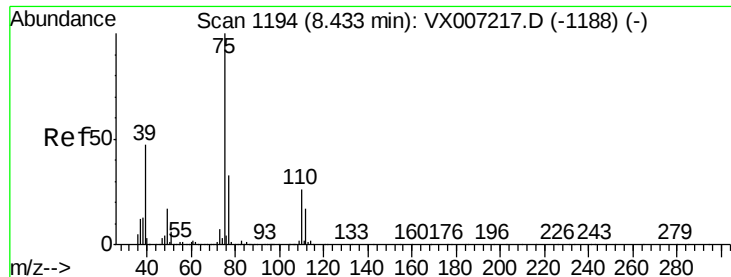
Tgt Ion: 43 Resp: 230782
Ion Ratio Lower Upper
43 100
55 25.5 19.9 29.9



#48
t-1,3-Dichloropropene
Concen: 21.286 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 75 Resp: 165078
Ion Ratio Lower Upper
75 100
77 32.4 26.7 40.1



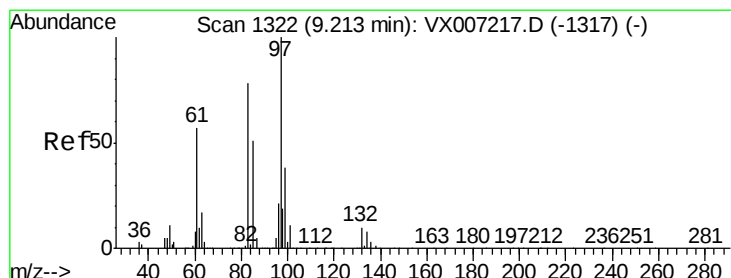
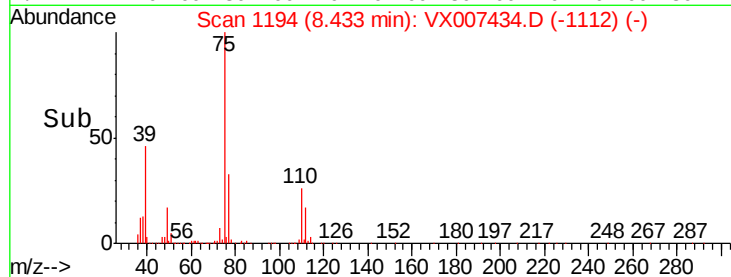
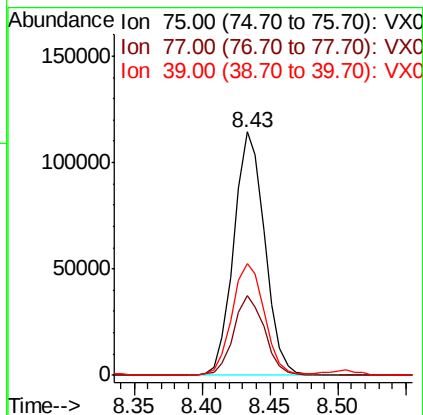
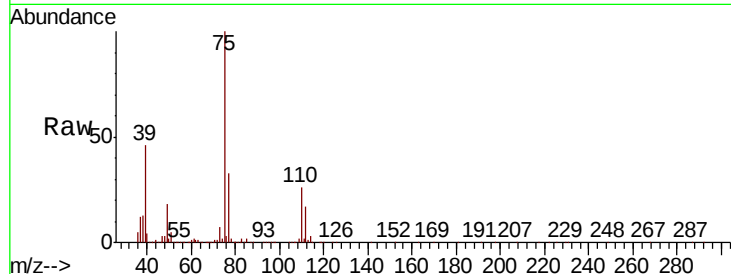


#49

cis-1,3-Dichloropropene
Concen: 21.115 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

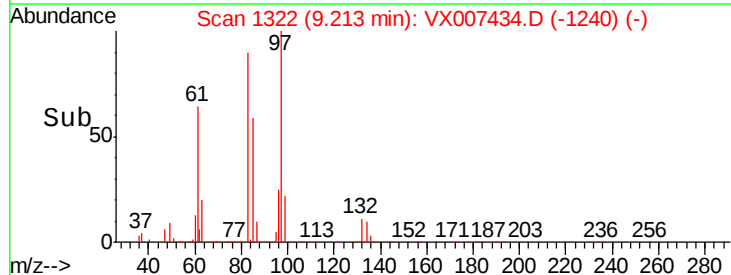
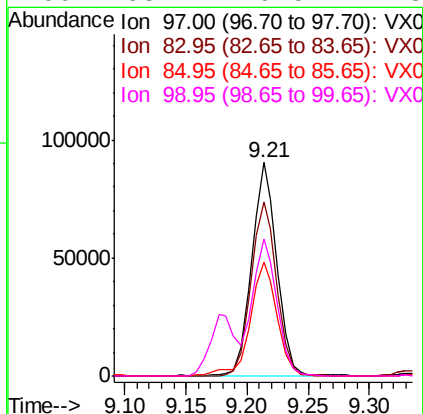
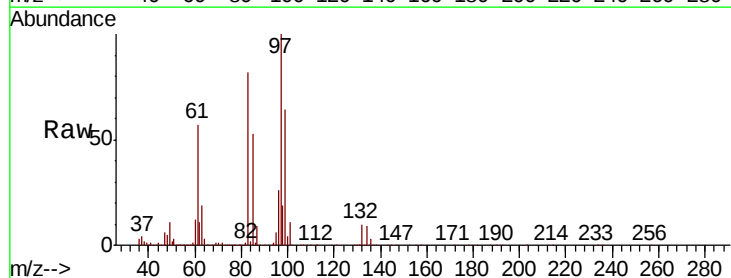
Tgt Ion:	75	Resp:	181912
Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.4
39	45.7	37.2	55.8

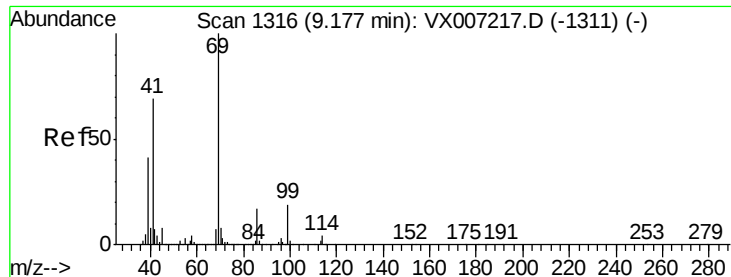


#50

1,1,2-Trichloroethane
Concen: 21.304 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion:	97	Resp:	129546
Ion	Ratio	Lower	Upper
97	100		
83	81.6	62.5	93.7
85	53.0	41.8	62.6
99	63.7	49.5	74.3





#51

Ethyl methacrylate

Concen: 20.876 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

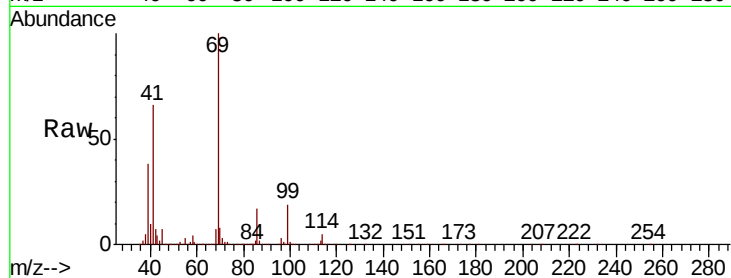
Tgt Ion: 69 Resp: 181382

Ion Ratio Lower Upper

69 100

41 65.9 34.2 102.6

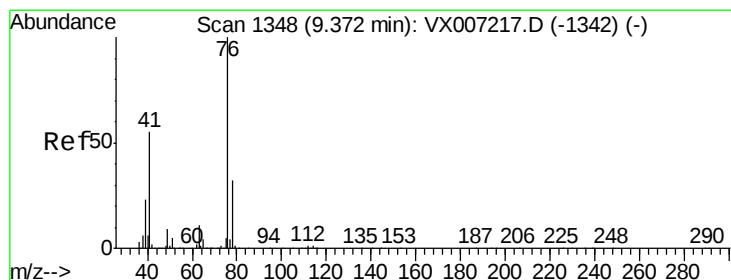
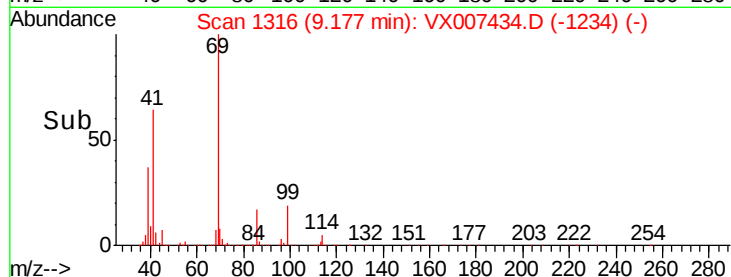
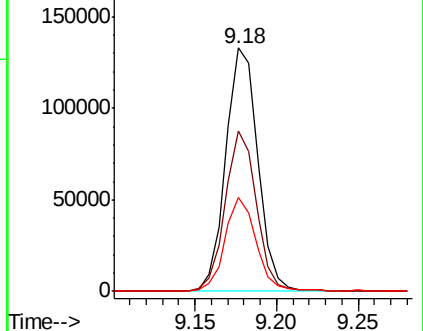
39 38.2 20.3 60.8



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: 21.160 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007434.D

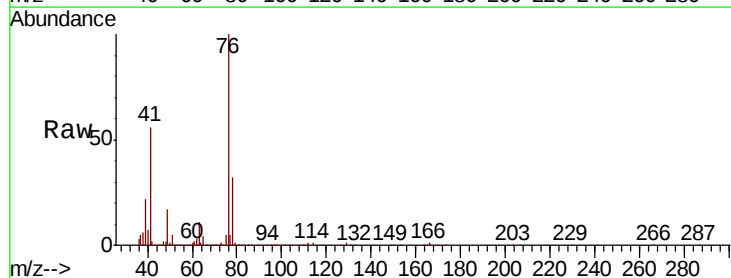
Acq: 08 Feb 2019 11:09

Tgt Ion: 76 Resp: 206027

Ion Ratio Lower Upper

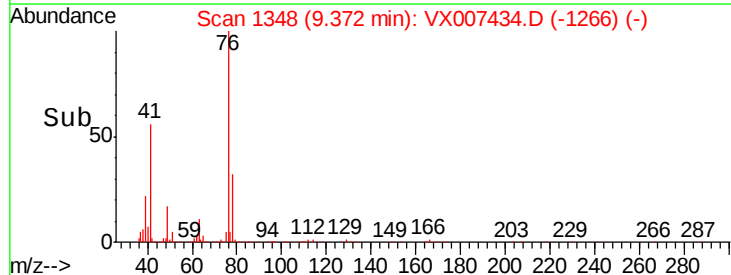
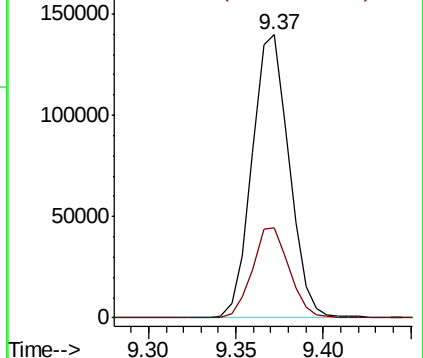
76 100

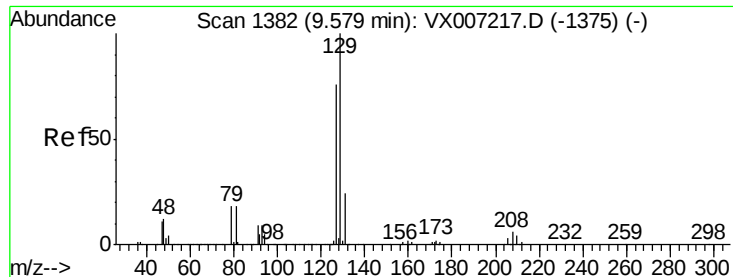
78 31.8 0.0 66.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 21.164 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

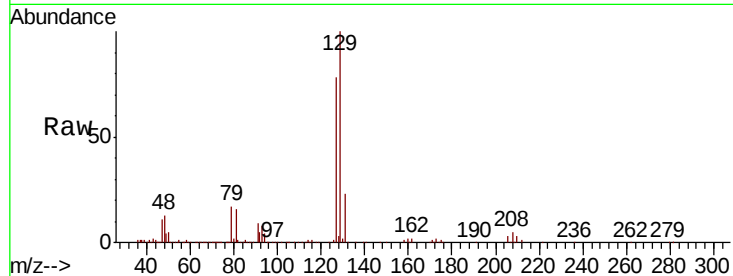
VSTDCCC020

Tgt Ion:129 Resp: 130076

Ion Ratio Lower Upper

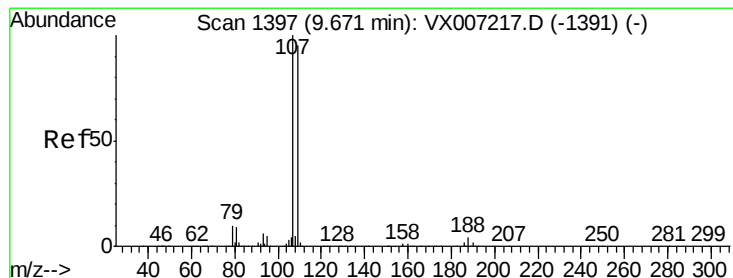
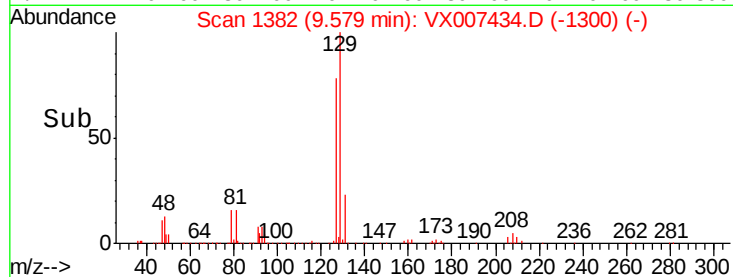
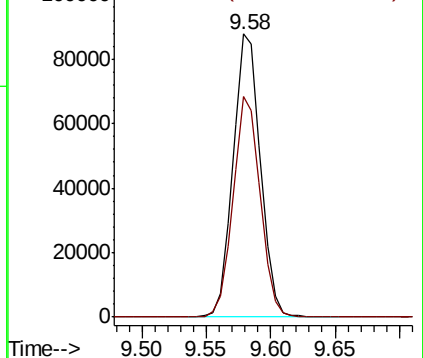
129 100

127 77.0 37.7 113.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.057 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007434.D

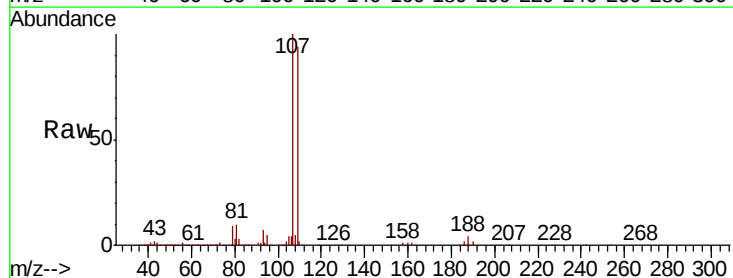
Acq: 08 Feb 2019 11:09

Tgt Ion:107 Resp: 137842

Ion Ratio Lower Upper

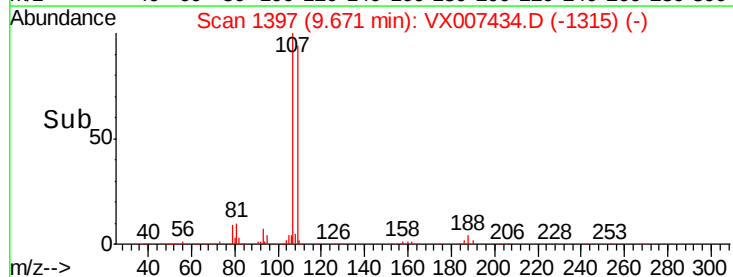
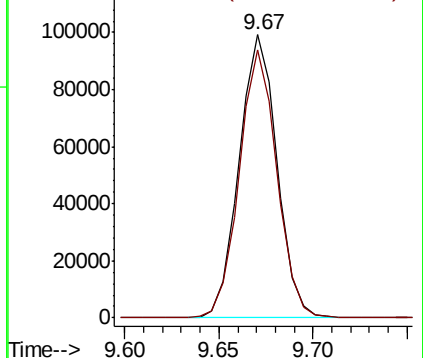
107 100

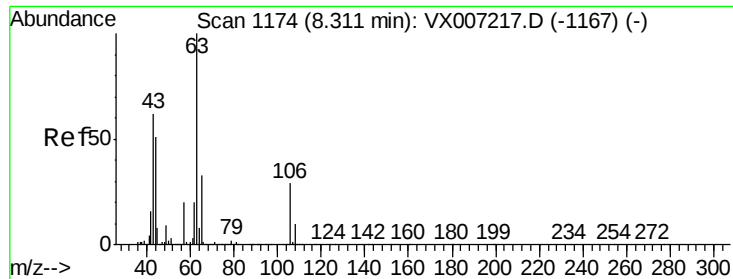
109 94.2 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

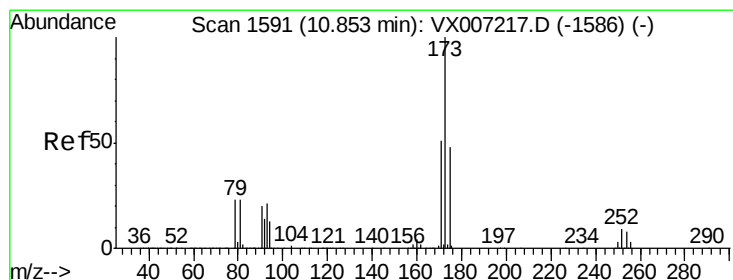
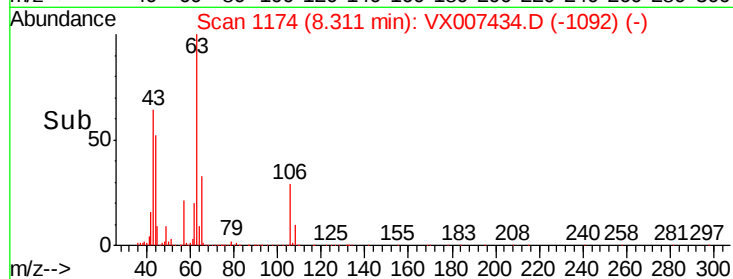
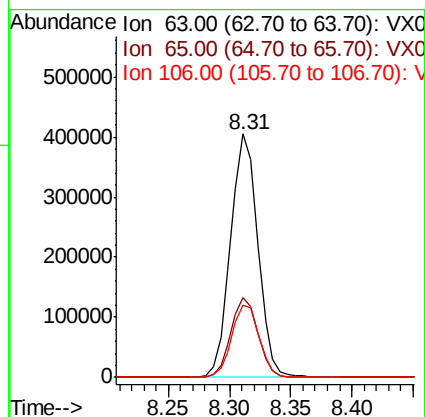
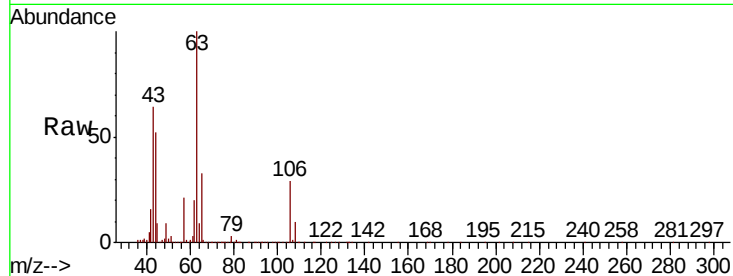




#55
 2-Chloroethyl vinyl ether
 Concen: 130.354 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

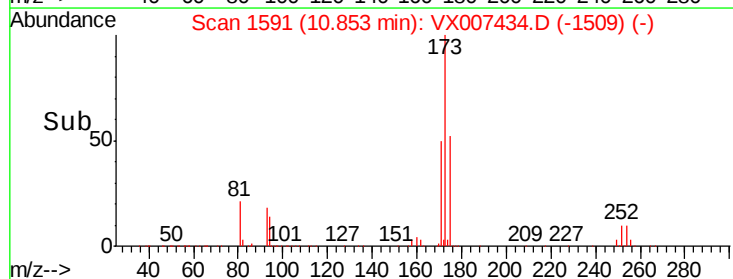
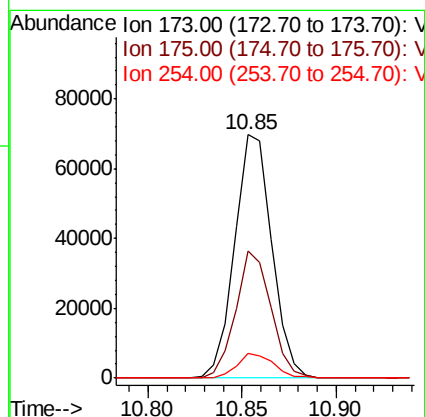
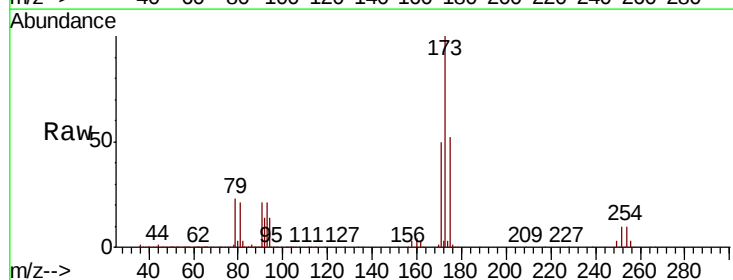
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

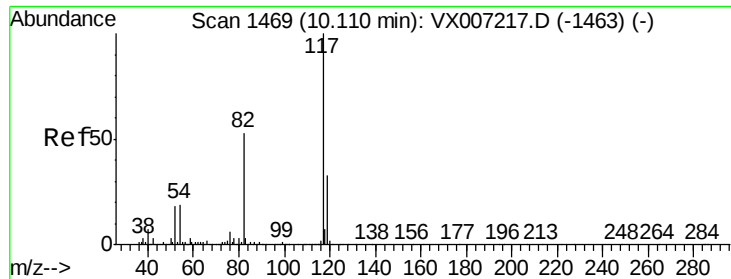
Tgt Ion:	63	Resp:	623068
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.9	38.9
106	30.1	23.8	35.8



#56
 Bromoform
 Concen: 20.463 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion:	173	Resp:	95496
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.9	58.3
254	9.8	8.5	12.7

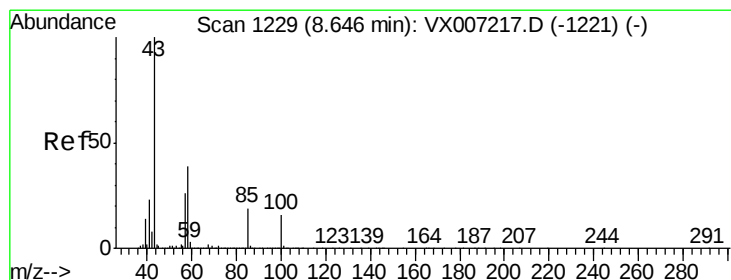
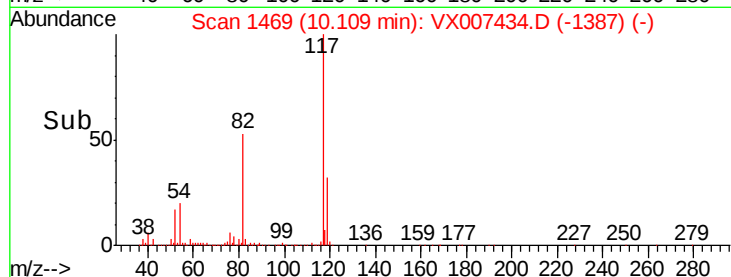
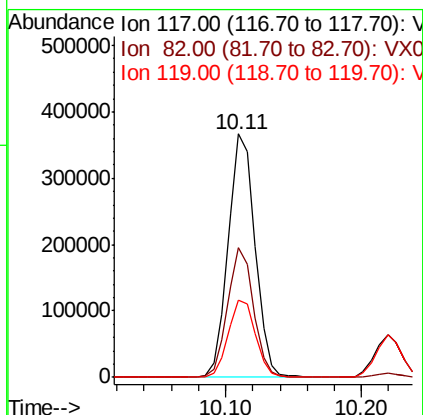
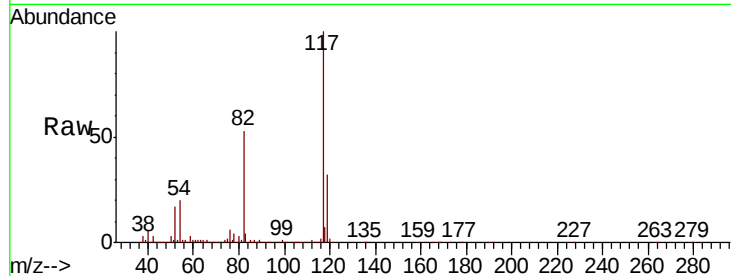




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

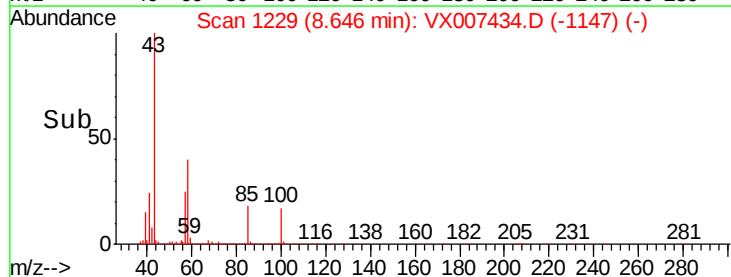
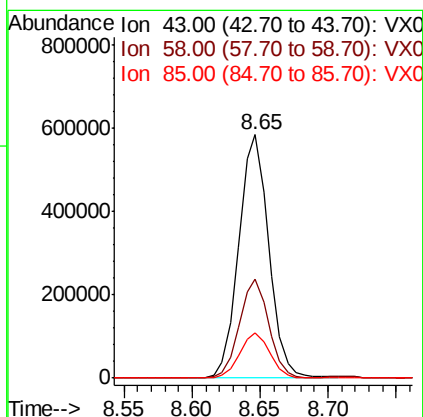
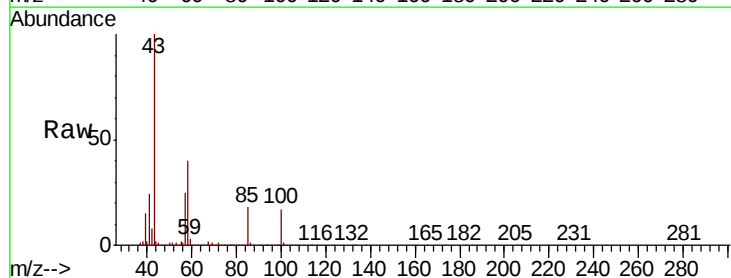
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

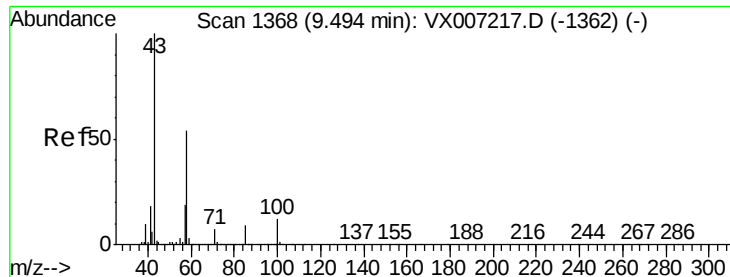
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.4	62.0
119	32.2	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 106.452 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.6	47.4
85	18.7	14.9	22.3

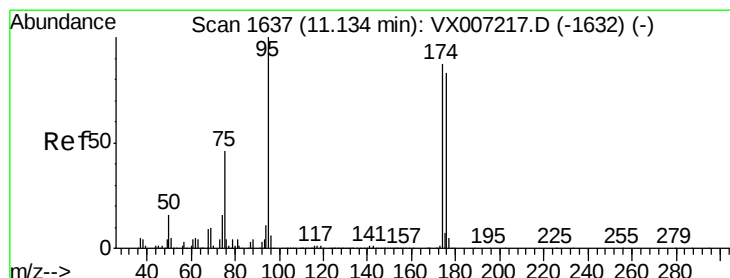
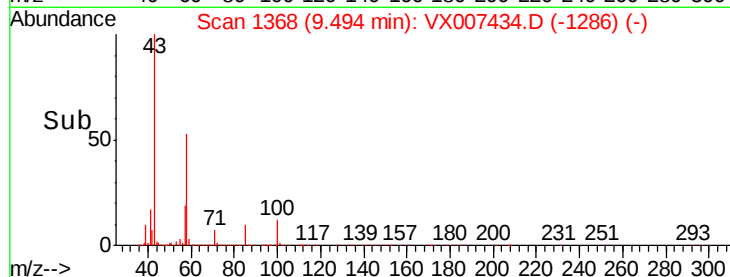
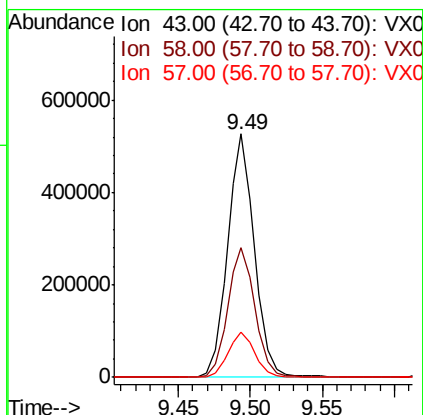
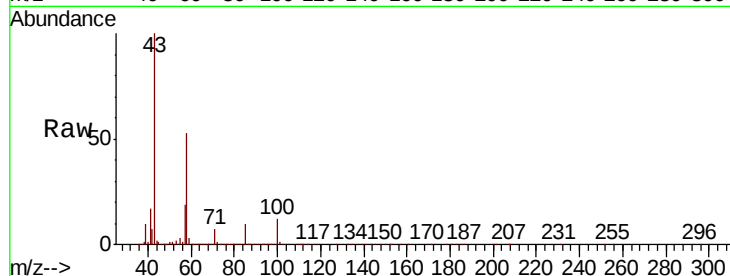




#59
2-Hexanone
Concen: 105.269 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

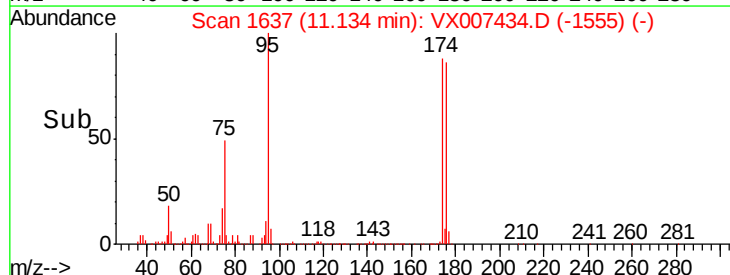
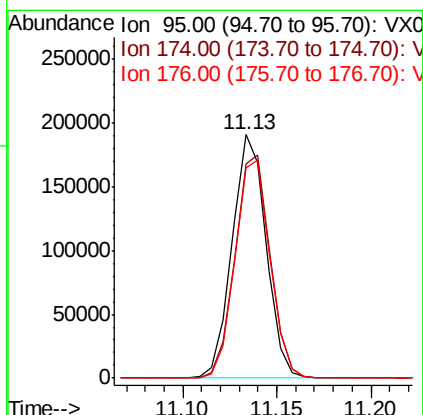
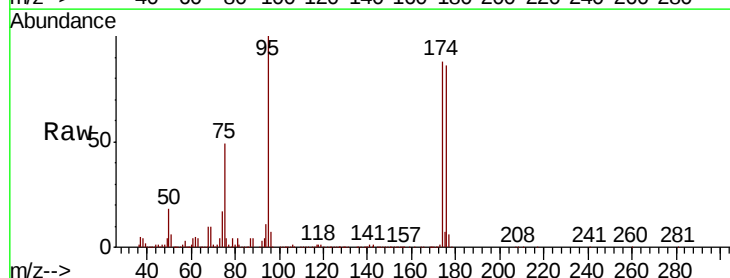
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

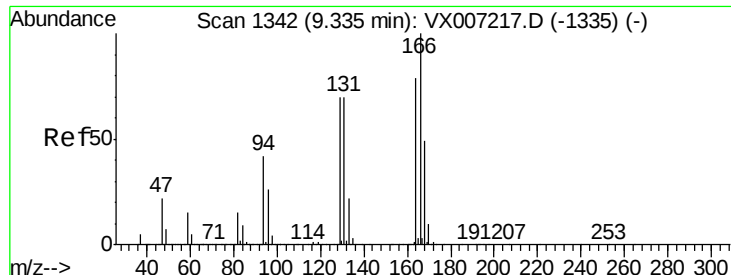
Tgt Ion: 43 Resp: 686926
Ion Ratio Lower Upper
43 100
58 54.3 42.8 64.2
57 18.8 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.744 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 95 Resp: 239290
Ion Ratio Lower Upper
95 100
174 94.4 74.8 112.2
176 91.7 72.5 108.7





#61

Tetrachloroethene

Concen: 21.357 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 150115

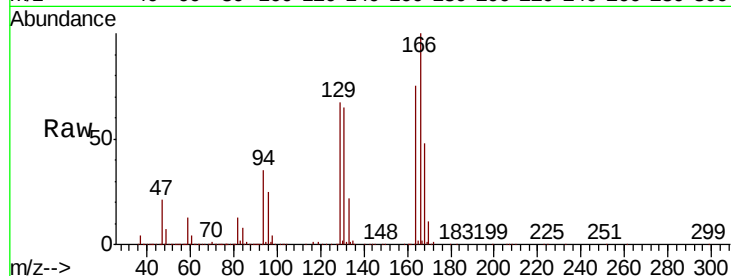
Ion Ratio Lower Upper

164 100

166 132.8 101.6 152.4

129 88.6 70.6 106.0

131 86.8 71.1 106.7

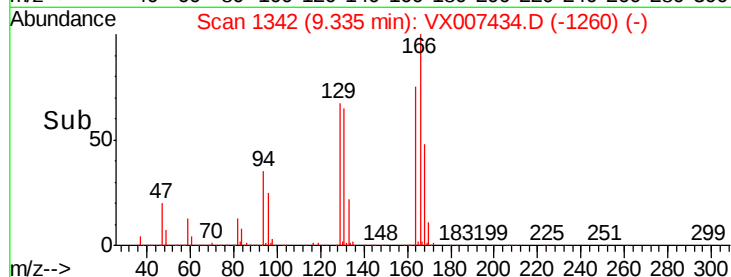


Abundance Ion 163.85 (163.55 to 164.55): V

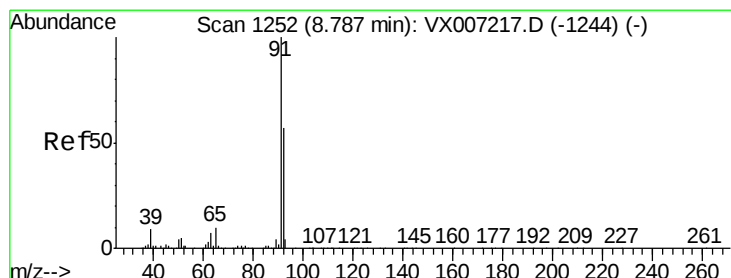
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 21.259 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007434.D

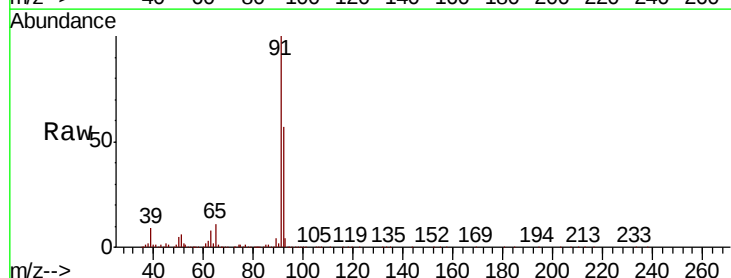
Acq: 08 Feb 2019 11:09

Tgt Ion: 91 Resp: 539626

Ion Ratio Lower Upper

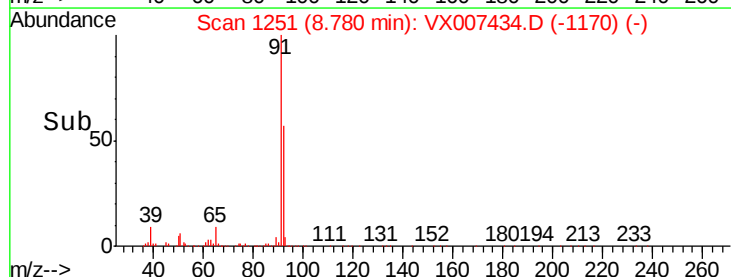
91 100

92 57.0 46.0 69.0

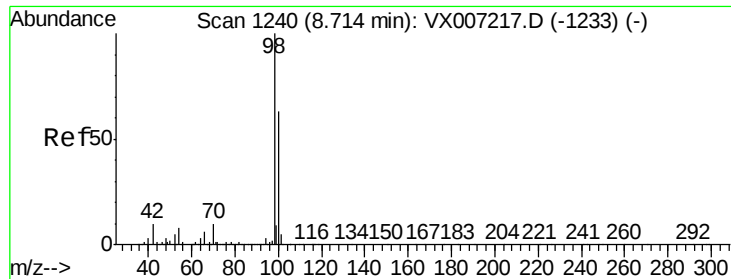


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



#63

Toluene-d8

Concen: 29.689 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

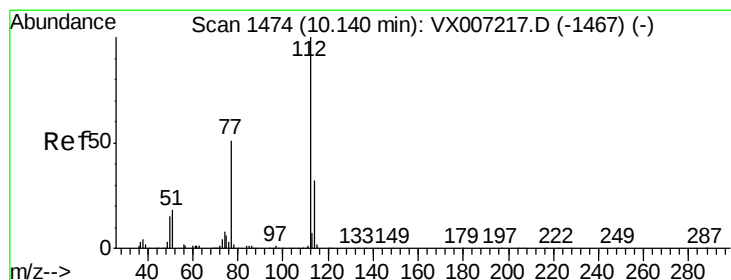
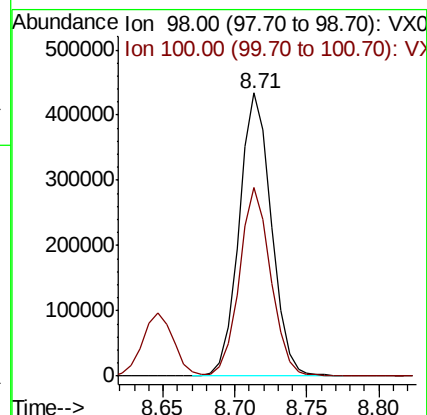
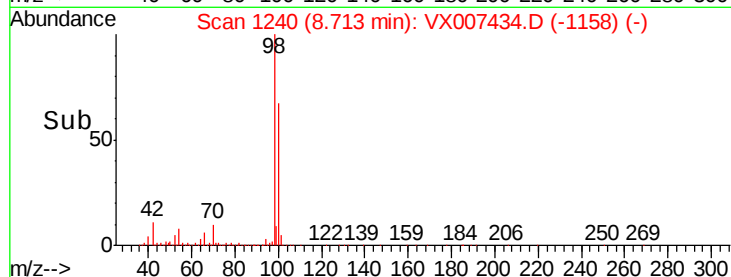
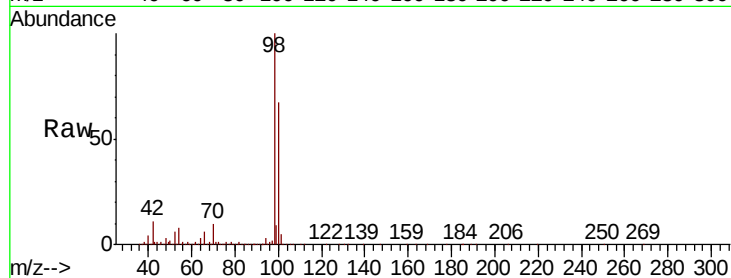
VSTDCCC020

Tgt Ion: 98 Resp: 674831

Ion Ratio Lower Upper

98 100

100 64.6 49.9 74.9



#64

Chlorobenzene

Concen: 21.516 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007434.D

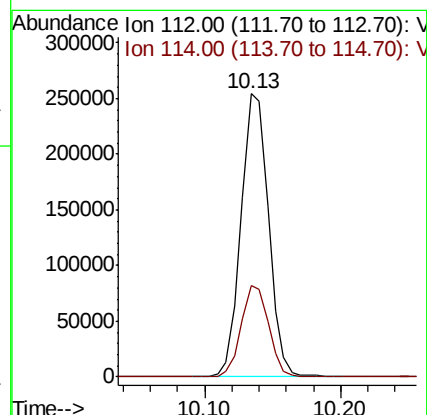
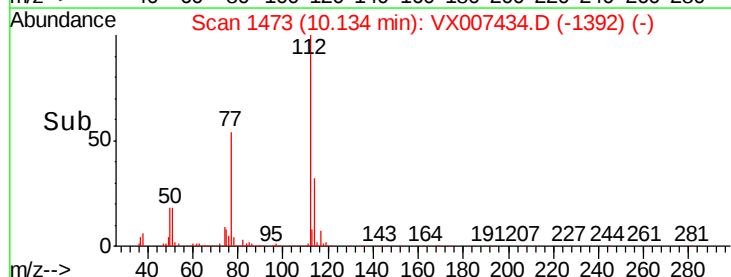
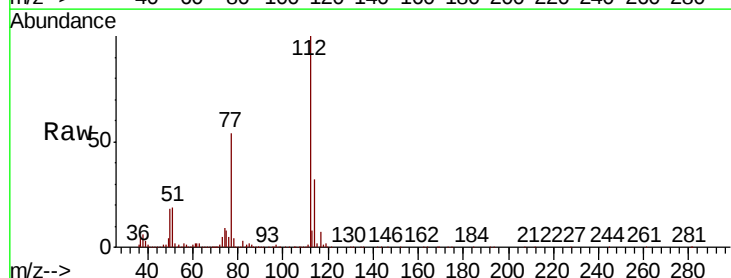
Acq: 08 Feb 2019 11:09

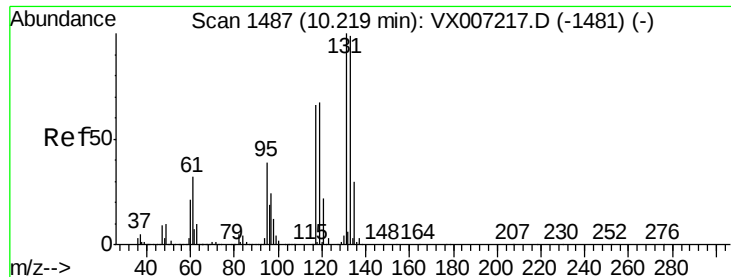
Tgt Ion: 112 Resp: 360285

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0

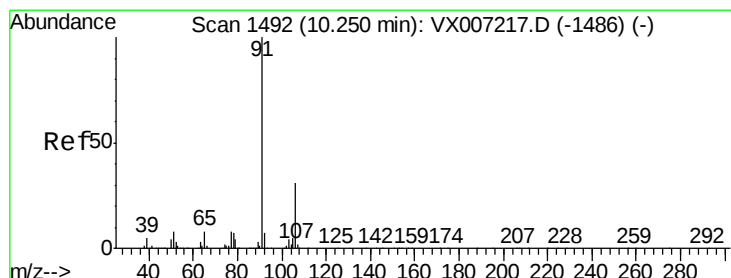
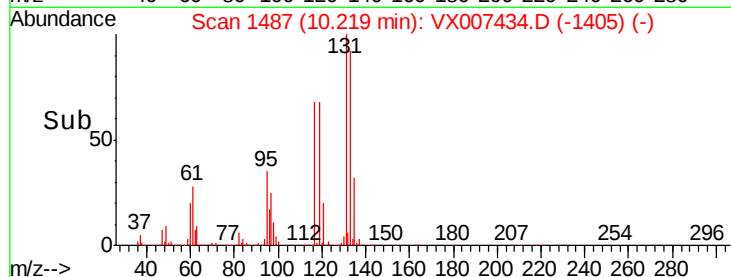
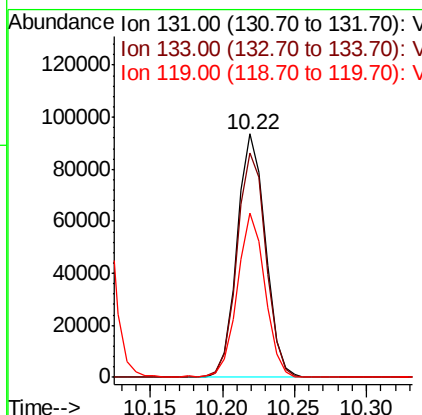
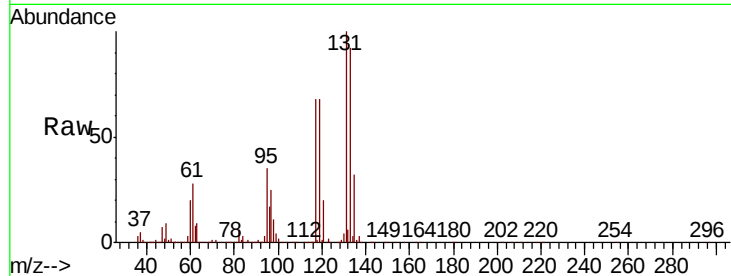




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.720 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

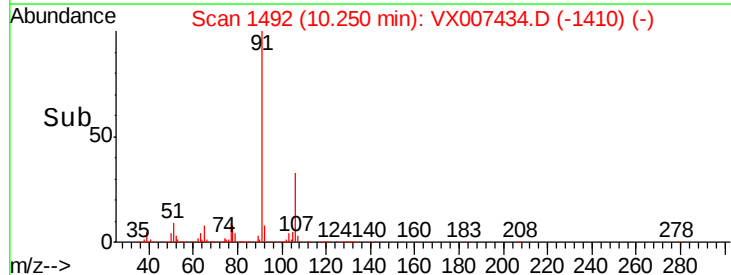
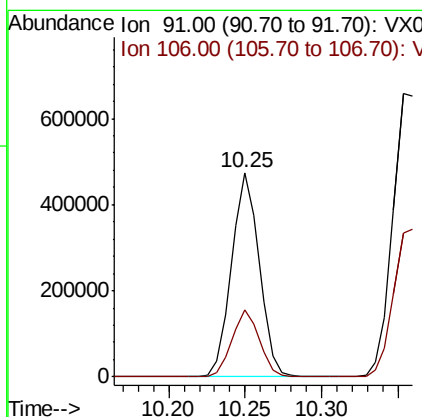
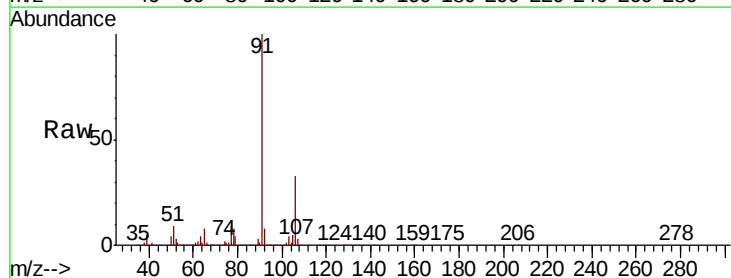
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

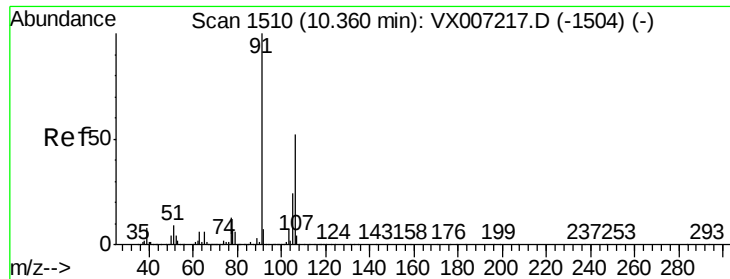
Tgt Ion: 131 Resp: 128826
 Ion Ratio Lower Upper
 131 100
 133 94.0 0.0 196.4
 119 65.2 0.0 134.4



#66
 Ethyl Benzene
 Concen: 21.628 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion: 91 Resp: 594795
 Ion Ratio Lower Upper
 91 100
 106 32.9 25.1 37.7

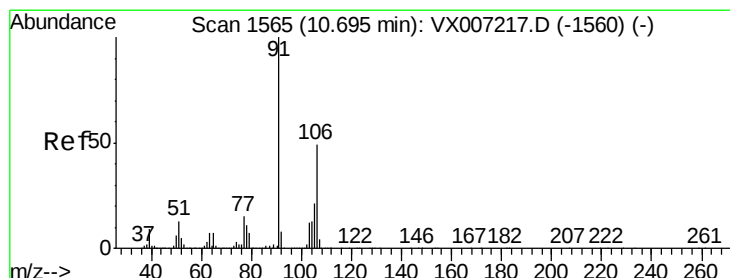
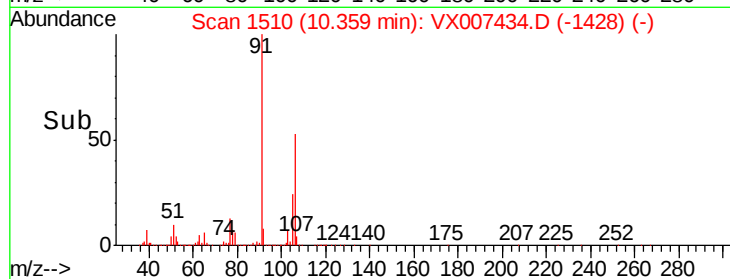
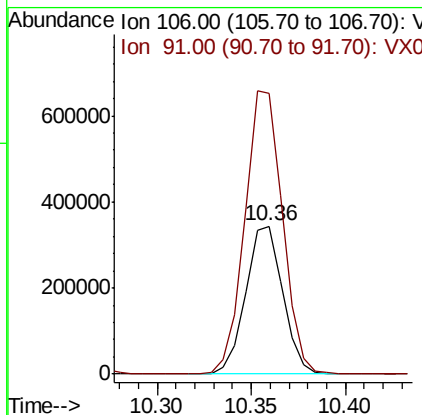
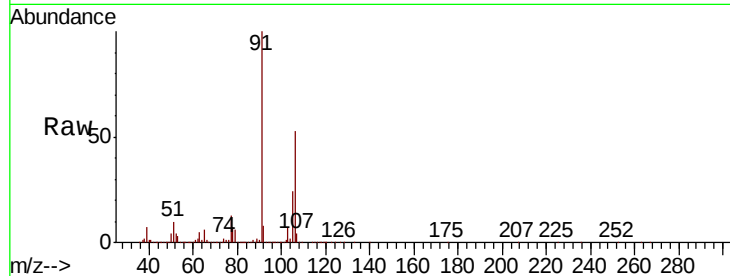




#67
m/p-Xylenes
Concen: 42.951 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

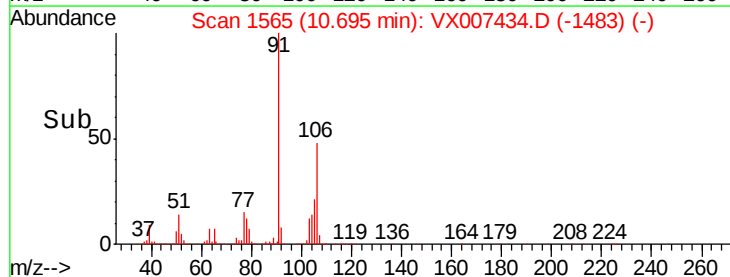
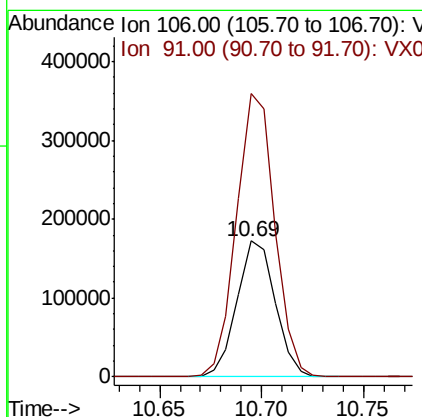
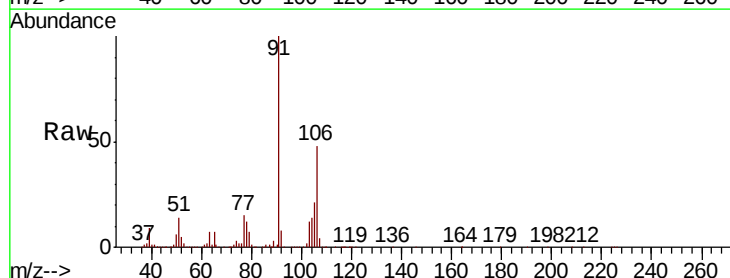
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

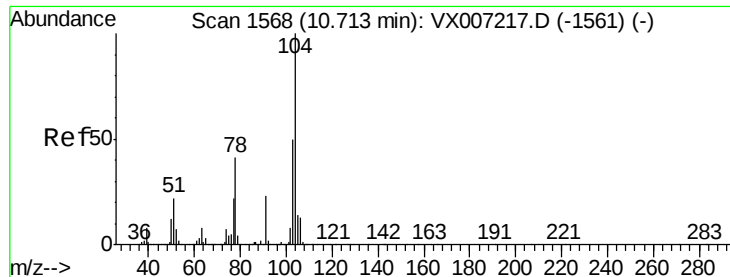
Tgt Ion:106 Resp: 466472
Ion Ratio Lower Upper
106 100
91 195.6 157.6 236.4



#68
o-Xylene
Concen: 21.066 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion:106 Resp: 224121
Ion Ratio Lower Upper
106 100
91 208.1 103.6 310.8





#69

Styrene

Concen: 21.465 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

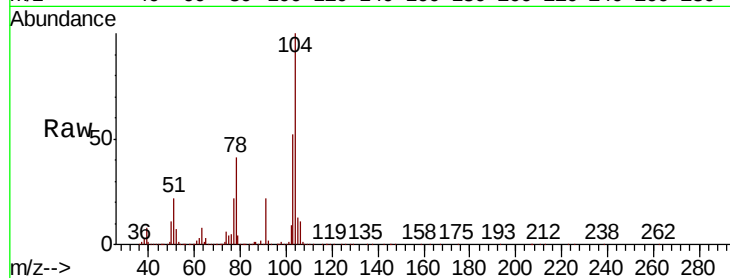
Tgt Ion:104 Resp: 368425

Ion Ratio Lower Upper

104 100

78 46.7 37.8 56.8

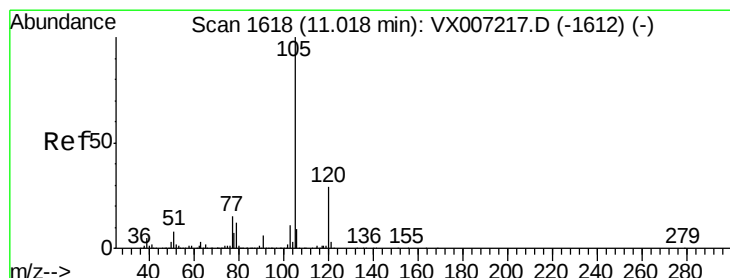
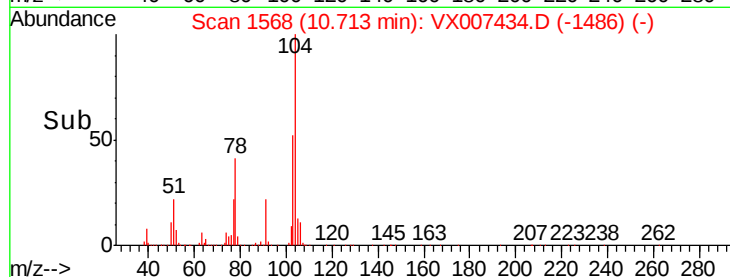
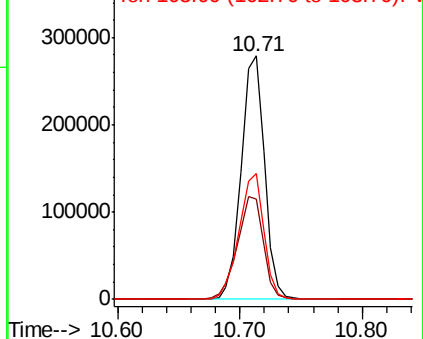
103 55.0 45.3 67.9



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: 21.987 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007434.D

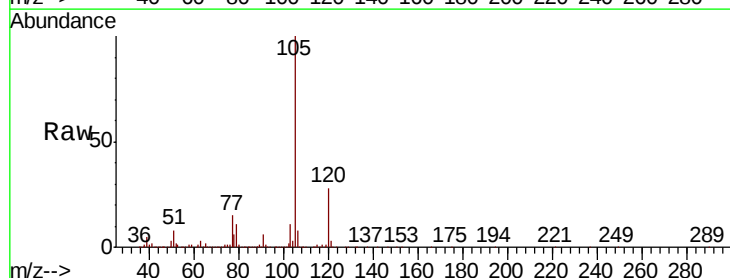
Acq: 08 Feb 2019 11:09

Tgt Ion:105 Resp: 619303

Ion Ratio Lower Upper

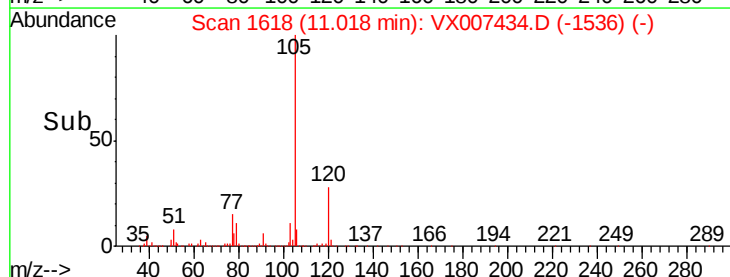
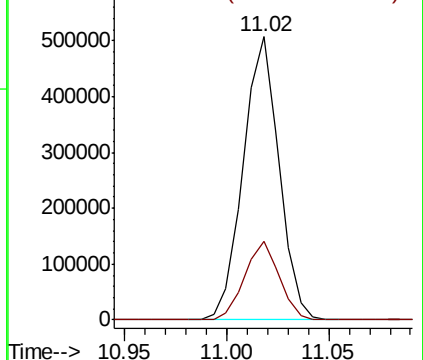
105 100

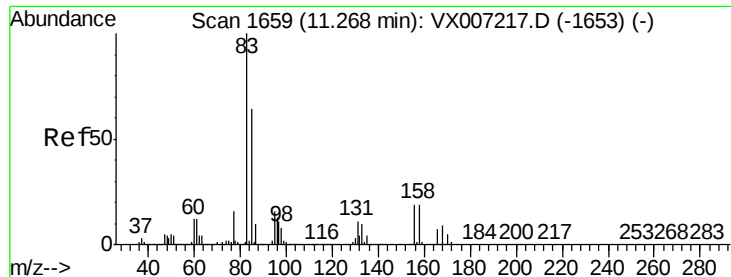
120 26.8 19.9 36.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

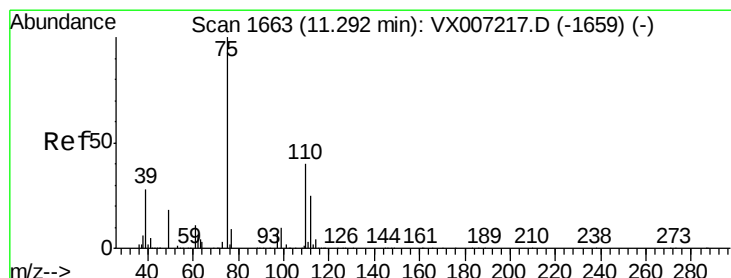
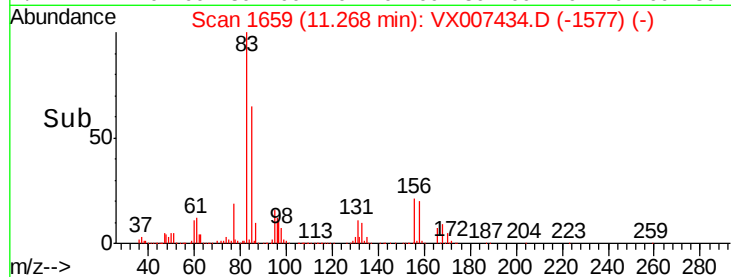
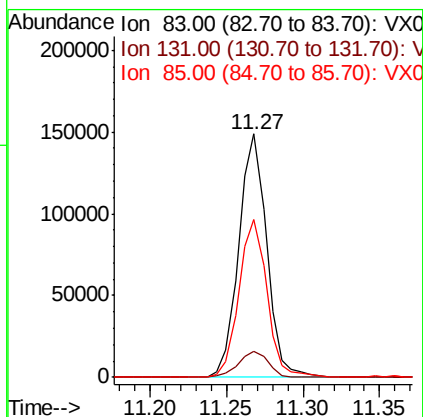
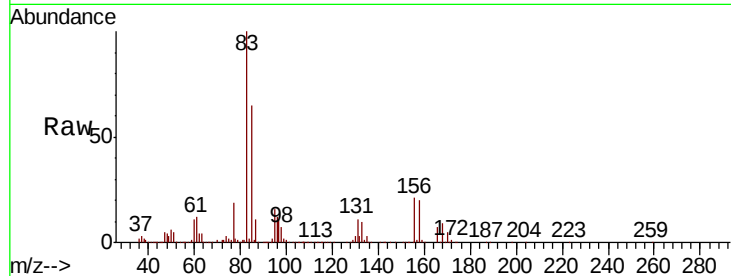




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.939 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

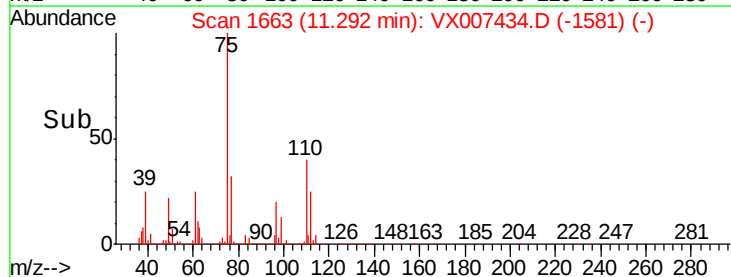
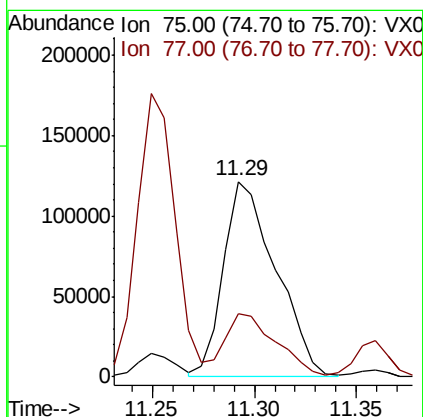
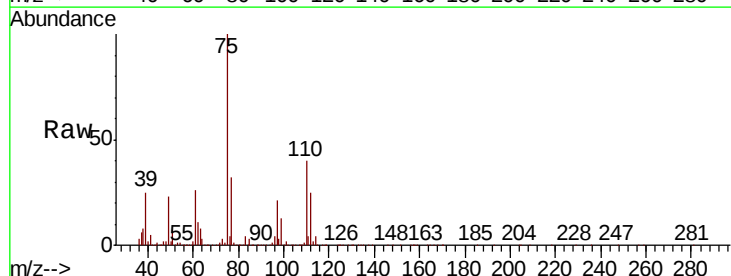
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

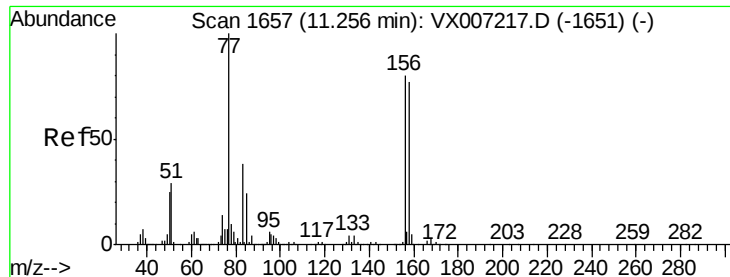
Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.9
85	65.4	31.8	95.3



#72
 1,2,3-Trichloropropane
 Concen: 25.502 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	0.0	73.2





#73

Bromobenzene

Concen: 21.375 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

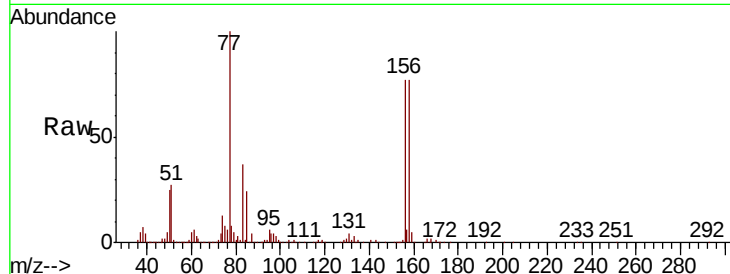
Tgt Ion:156 Resp: 166633

Ion Ratio Lower Upper

156 100

77 135.6 0.0 267.0

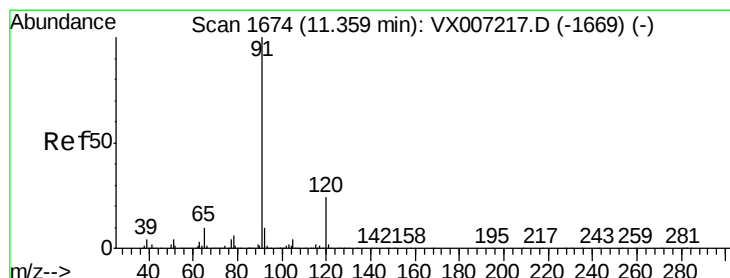
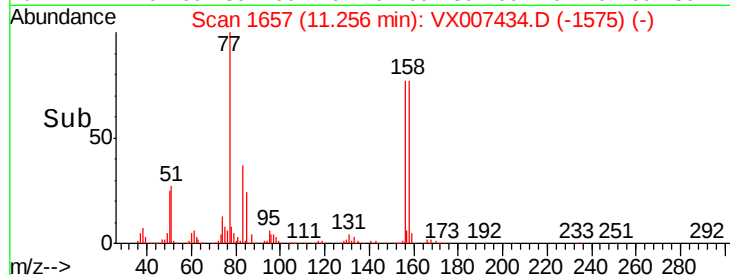
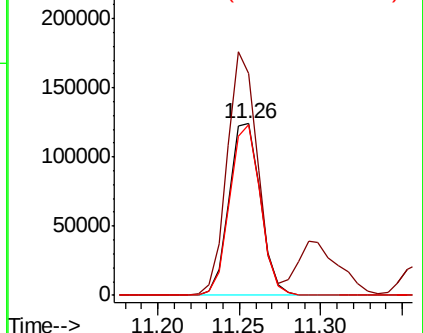
158 96.5 0.0 194.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 22.008 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007434.D

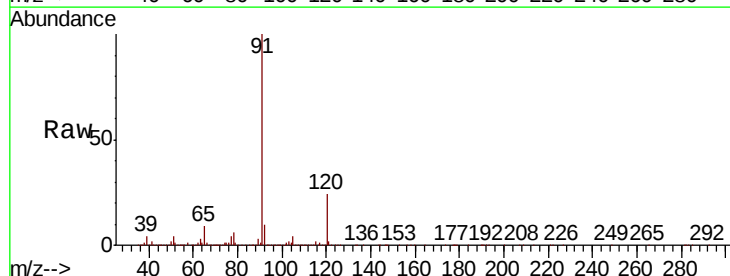
Acq: 08 Feb 2019 11:09

Tgt Ion: 91 Resp: 697617

Ion Ratio Lower Upper

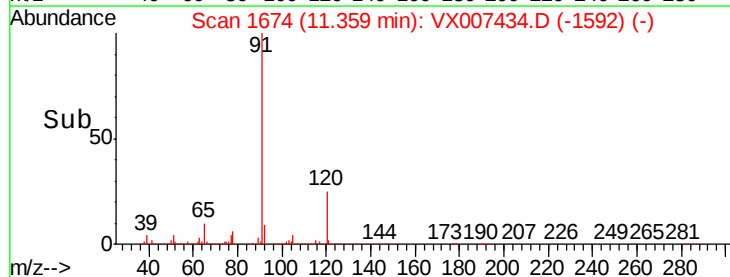
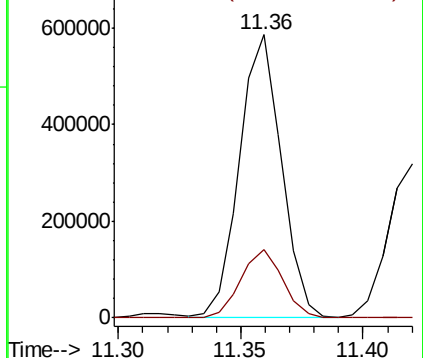
91 100

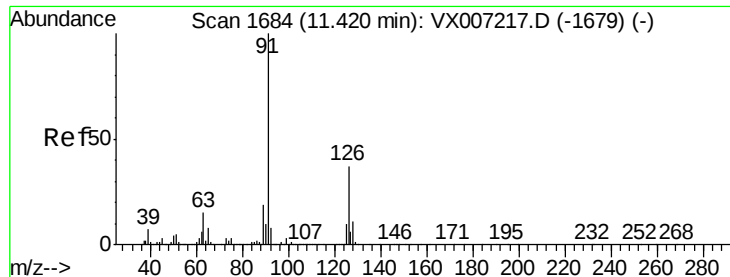
120 24.2 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.142 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

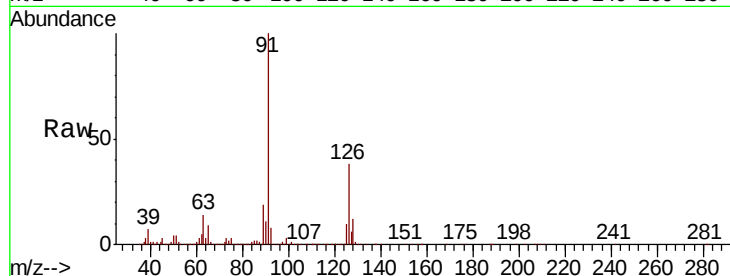
VSTDCCC020

Tgt Ion: 91 Resp: 397428

Ion Ratio Lower Upper

91 100

126 37.7 0.0 72.8



Abundance Ion 91.00 (90.70 to 91.70): VX007217.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX007217.D (-1679) (-)

600000

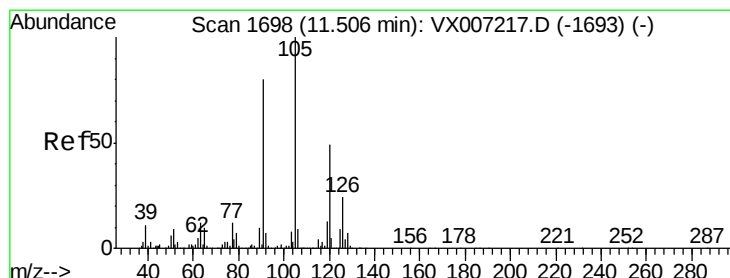
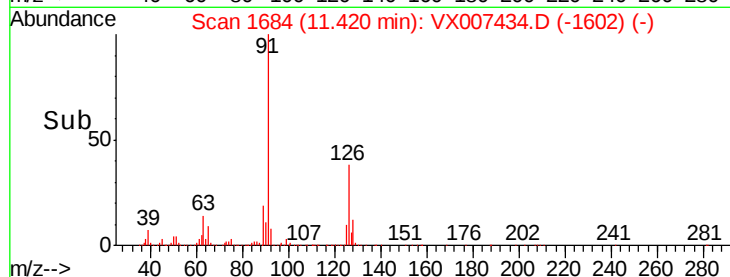
400000

200000

0

11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.373 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007434.D

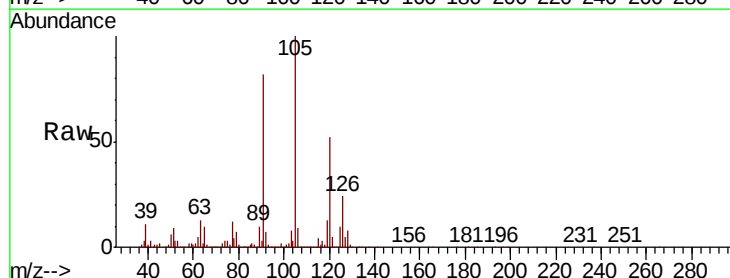
Acq: 08 Feb 2019 11:09

Tgt Ion: 105 Resp: 502436

Ion Ratio Lower Upper

105 100

120 50.6 0.0 99.8



Abundance Ion 105.00 (104.70 to 105.70): VX007217.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX007217.D (-1693) (-)

500000

400000

300000

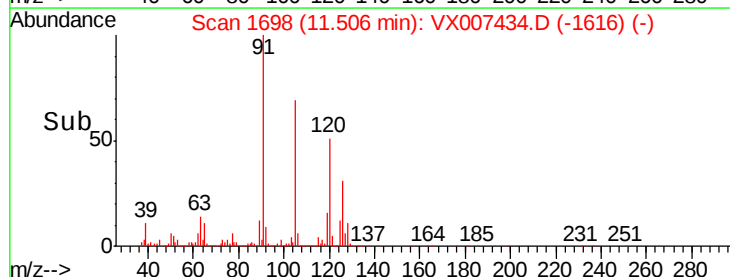
200000

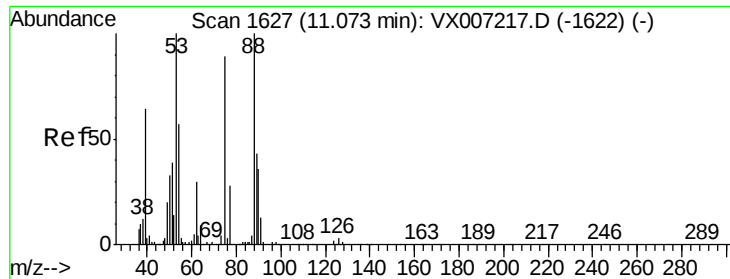
100000

0

11.45 11.50 11.55

Time-->

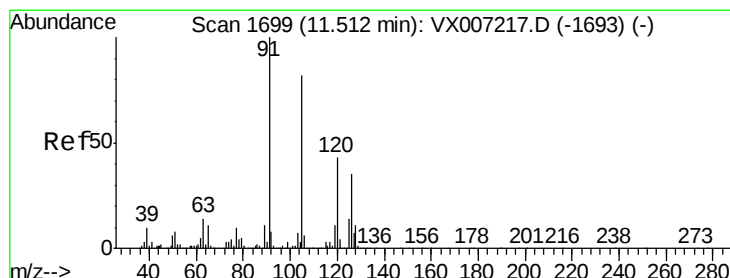
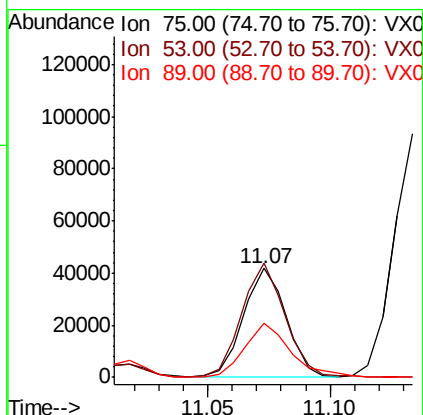
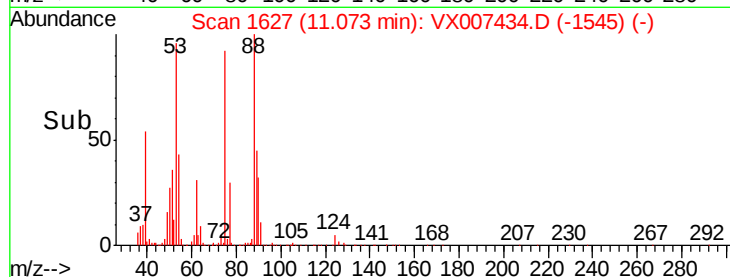
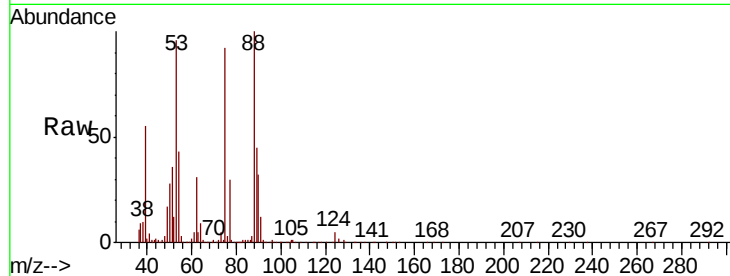




#77
t-1,4-Dichloro-2-butene
Concen: 20.443 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

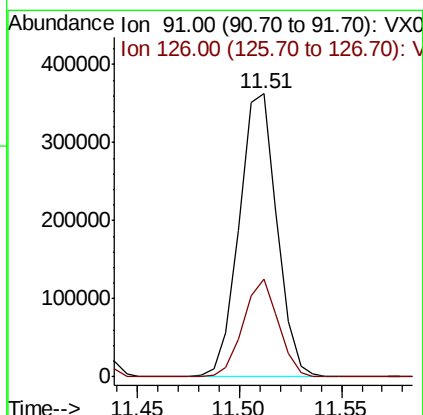
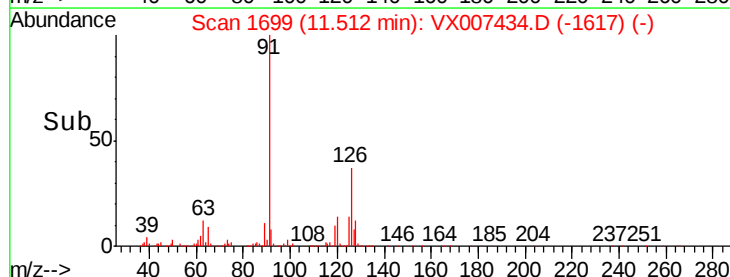
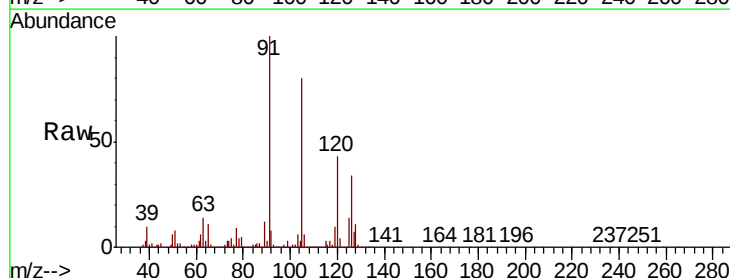
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

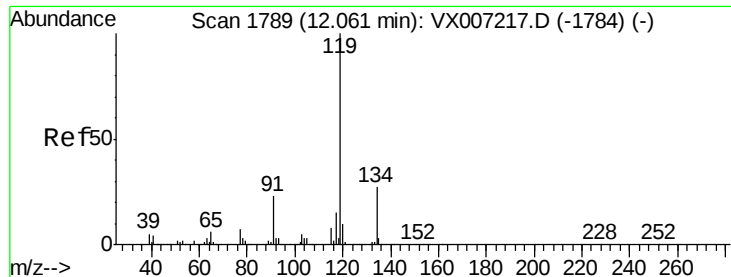
Tgt Ion: 75 Resp: 50359
Ion Ratio Lower Upper
75 100
53 105.0 55.9 167.6
89 49.3 24.1 72.4



#78
4-Chlorotoluene
Concen: 21.132 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 91 Resp: 462519
Ion Ratio Lower Upper
91 100
126 32.6 0.0 63.8

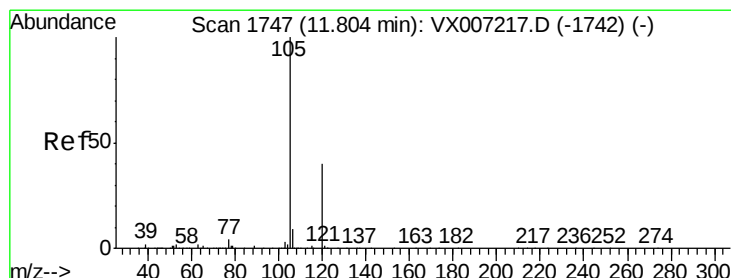
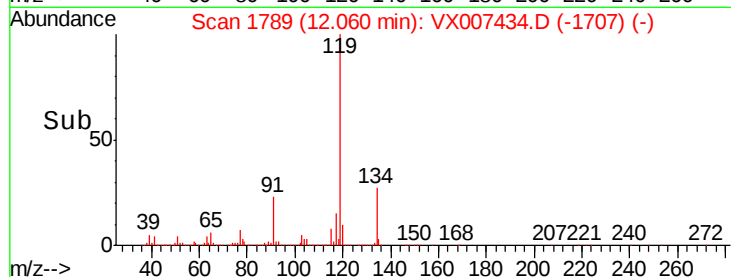
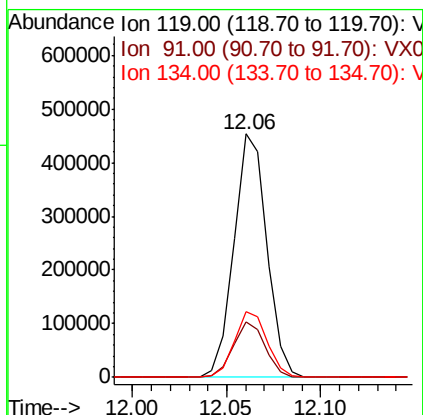
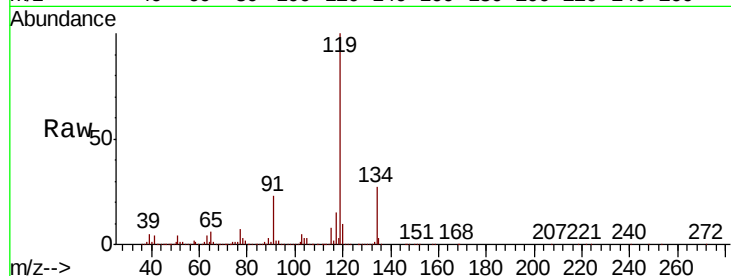




#79
tert-butylbenzene
Concen: 21.614 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

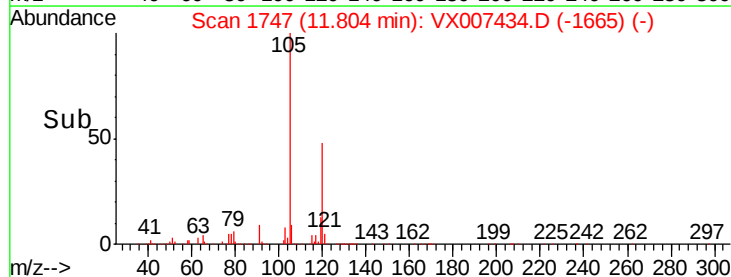
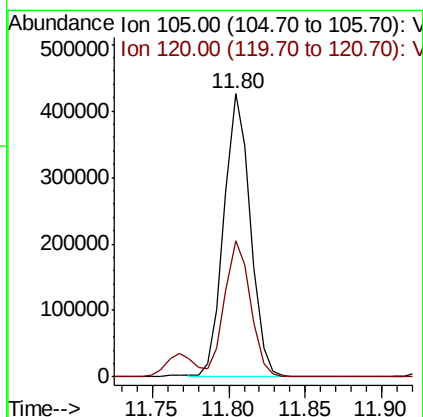
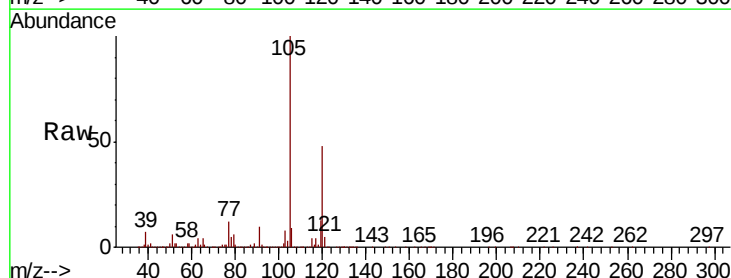
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

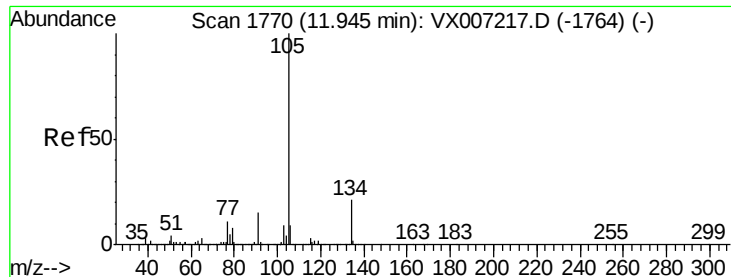
Tgt Ion:119 Resp: 549738
Ion Ratio Lower Upper
119 100
91 22.1 0.0 45.0
134 27.2 0.0 55.8



#80
1,2,4-Trimethylbenzene
Concen: 21.491 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion:105 Resp: 511540
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.4

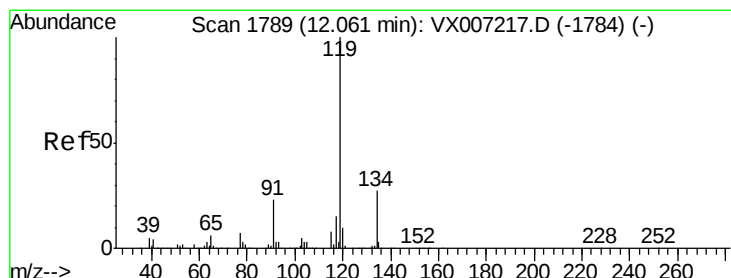
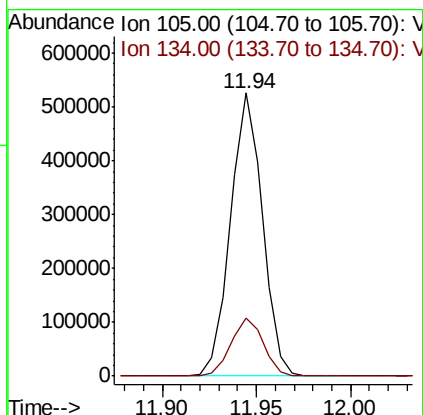
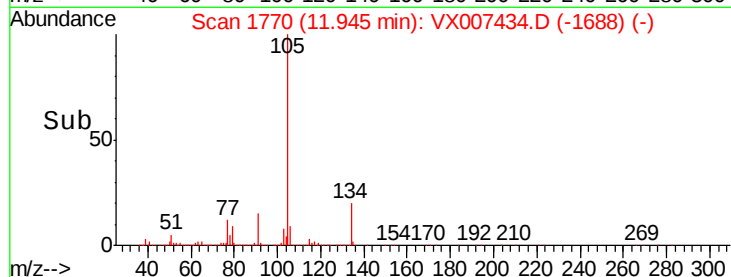
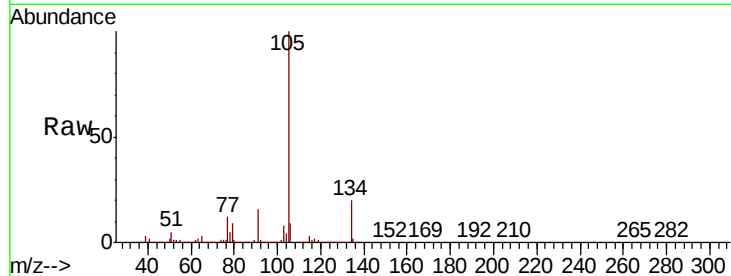




#81
 sec-Butylbenzene
 Concen: 21.781 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

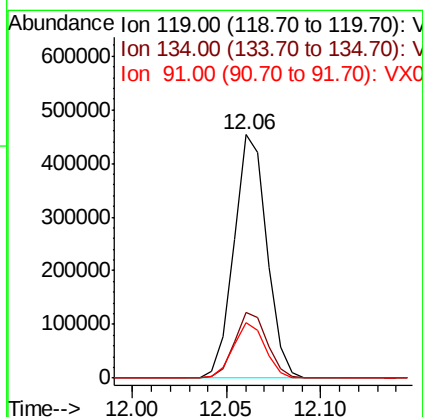
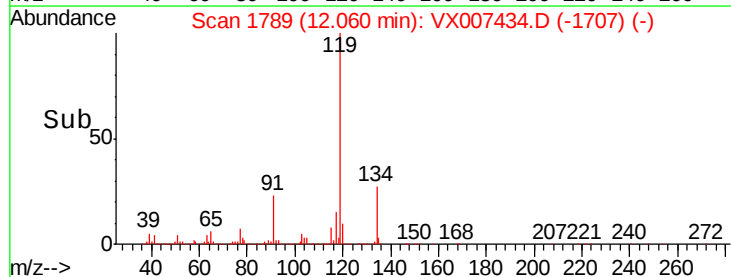
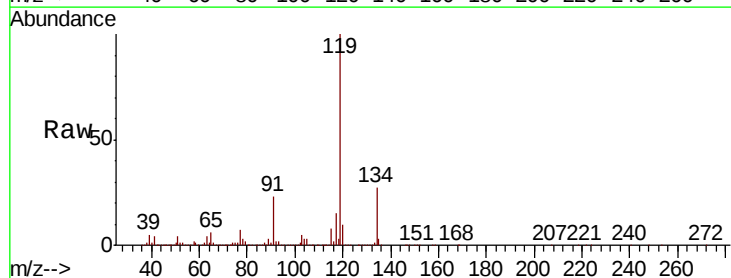
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

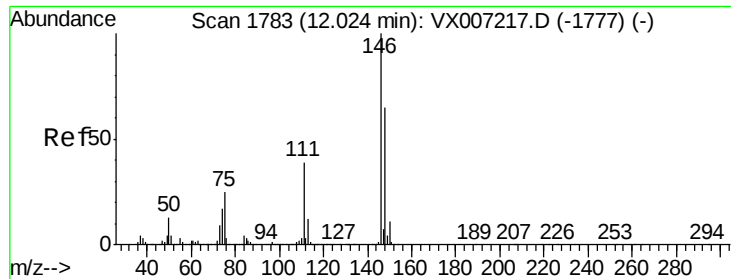
Tgt Ion:105 Resp: 617400
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 42.2



#82
 p-Isopropyltoluene
 Concen: 21.614 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion:119 Resp: 549738
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 55.8
 91 22.1 0.0 45.0

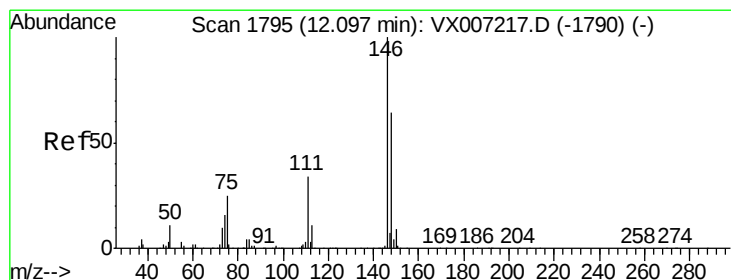
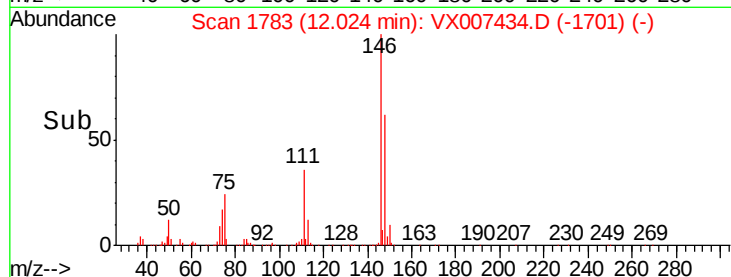
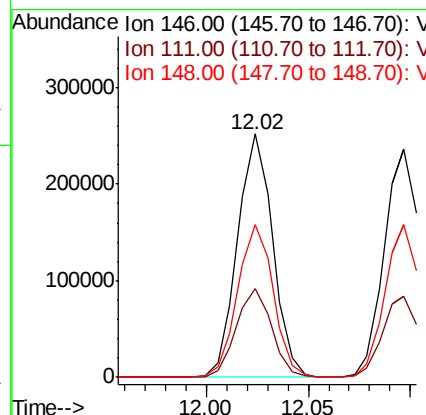
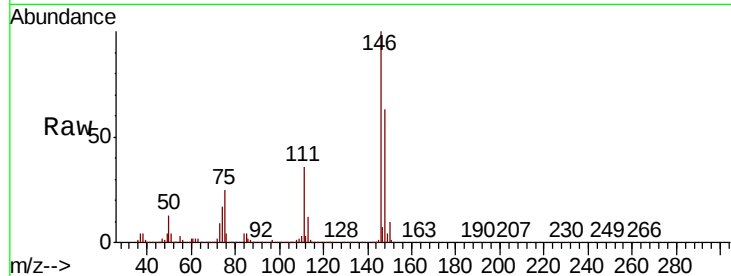




#83
 1,3-Dichlorobenzene
 Concen: 21.720 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

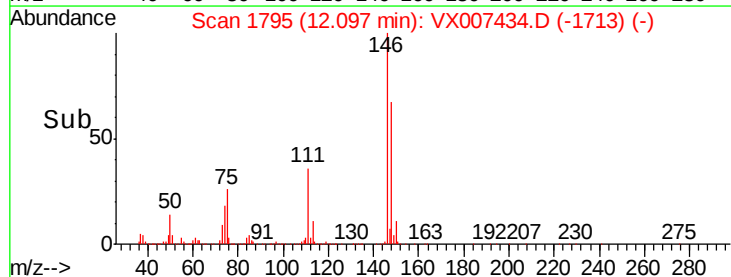
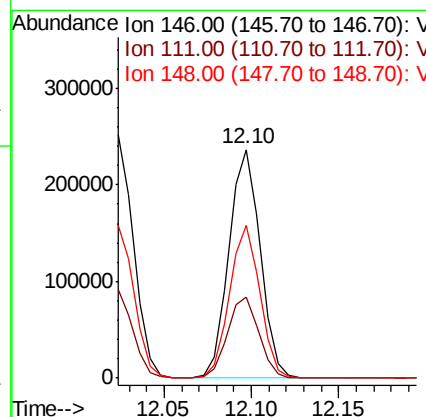
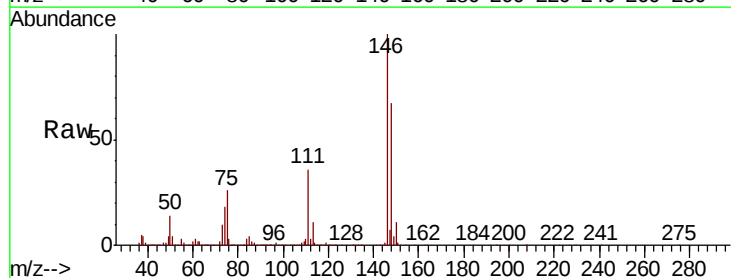
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

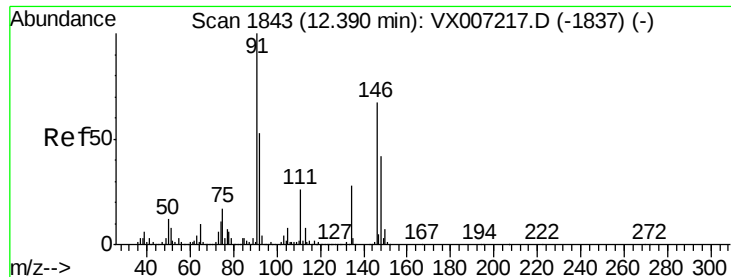
Tgt Ion:146 Resp: 301003
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.0 57.0
 148 63.4 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 21.258 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007434.D
 Acq: 08 Feb 2019 11:09

Tgt Ion:146 Resp: 294741
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.4 52.2
 148 64.7 31.9 95.5

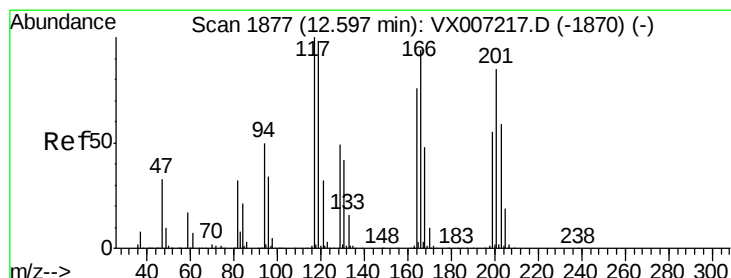
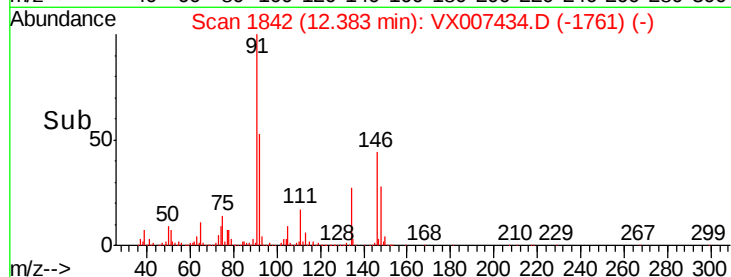
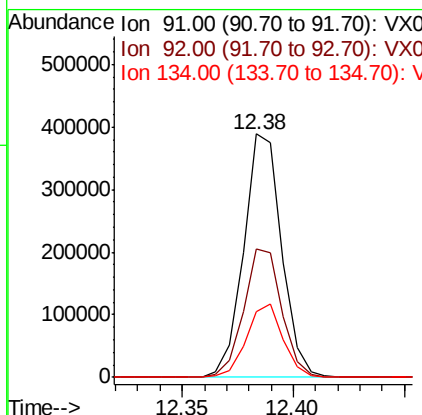
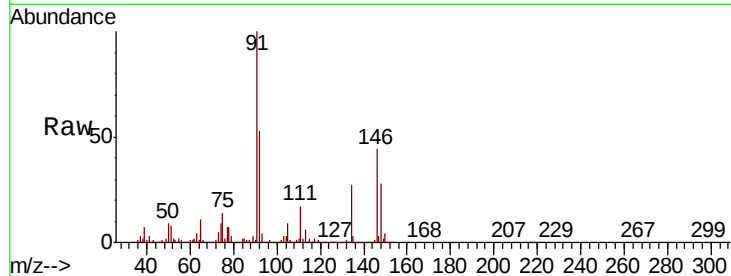




#85
n-Butylbenzene
Concen: 21.156 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

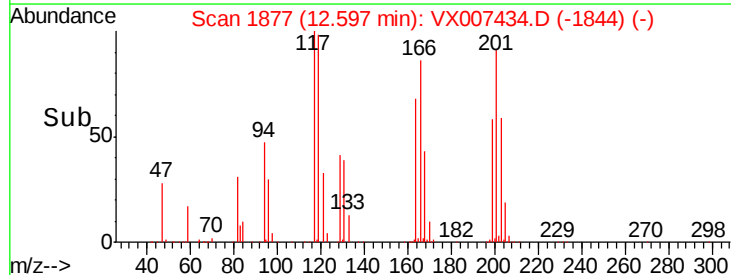
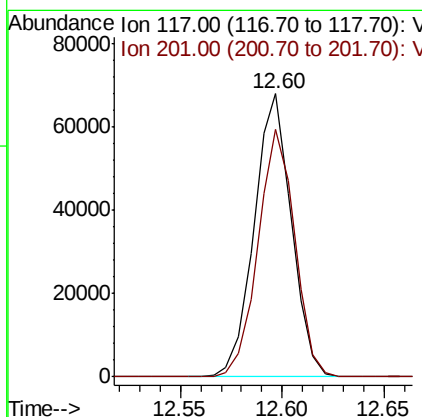
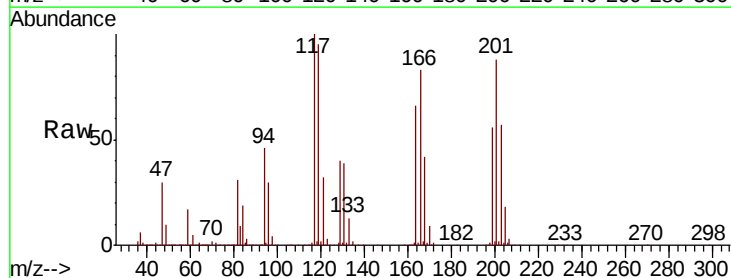
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

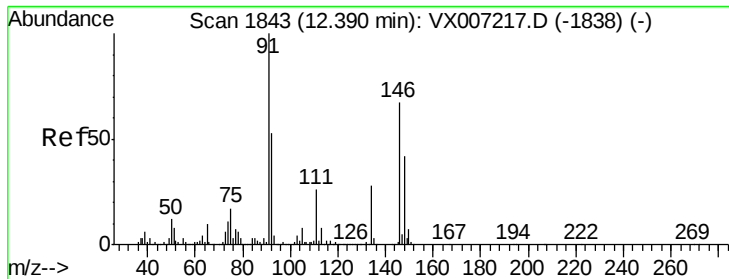
Tgt Ion: 91 Resp: 461798
Ion Ratio Lower Upper
91 100
92 53.3 0.0 106.2
134 29.1 0.0 55.4



#86
Hexachloroethane
Concen: 22.006 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 117 Resp: 86538
Ion Ratio Lower Upper
117 100
201 85.9 41.6 124.8





#87

1,2-Dichlorobenzene

Concen: 21.366 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

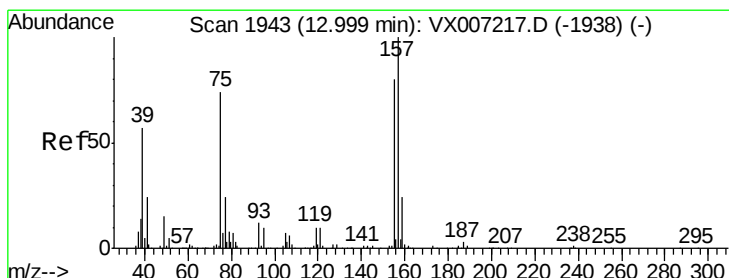
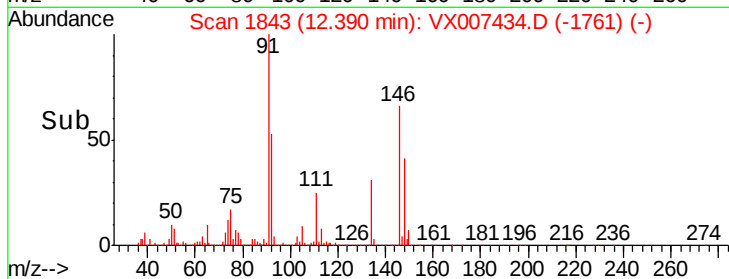
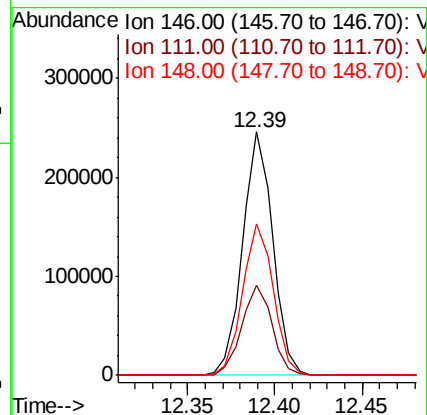
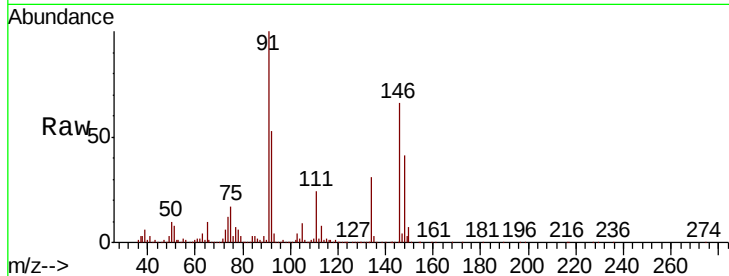
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	146	Resp:	294827
Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.3	57.9
148	63.8	32.0	96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.542 ug/l

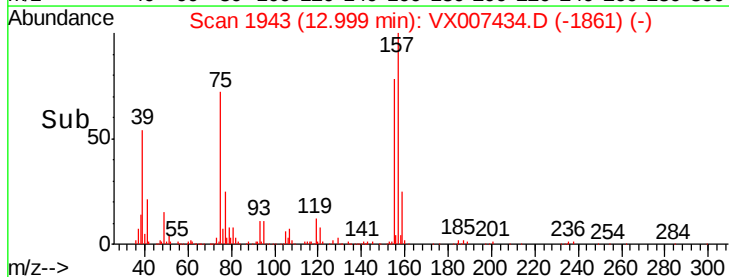
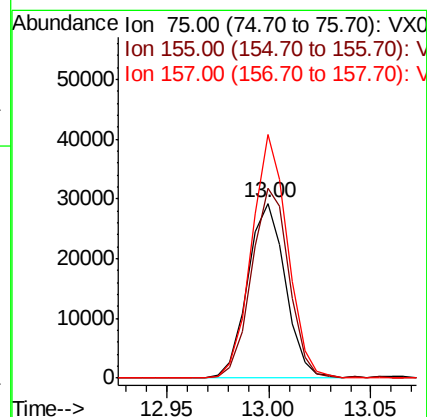
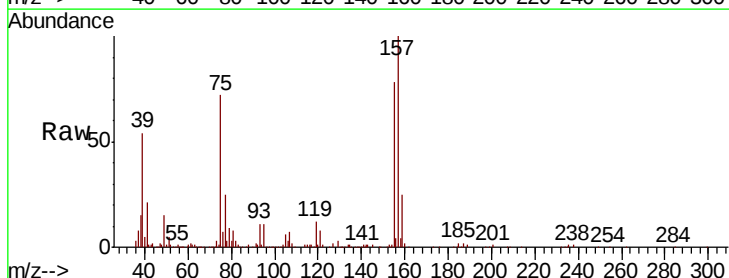
RT: 13.00 min Scan# 1943

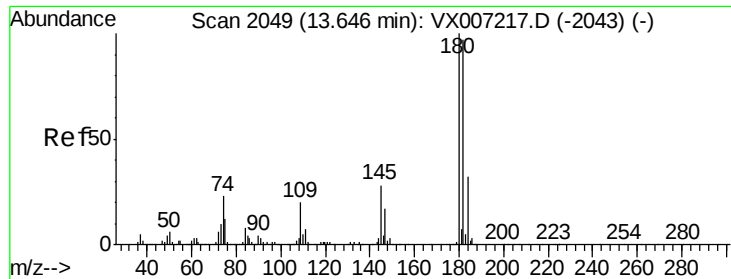
Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Tgt Ion:	75	Resp:	37757
Ion	Ratio	Lower	Upper
75	100		
155	106.0	82.8	124.2
157	132.1	106.9	160.3

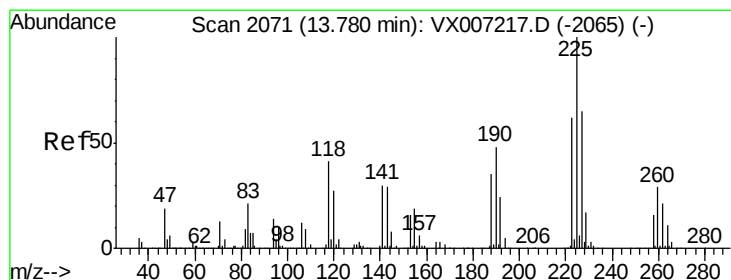
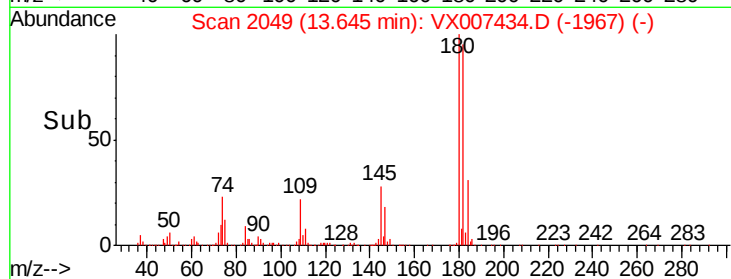
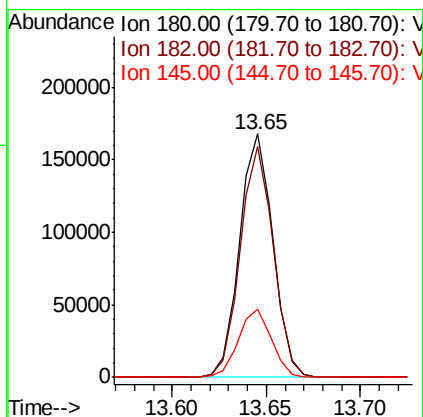
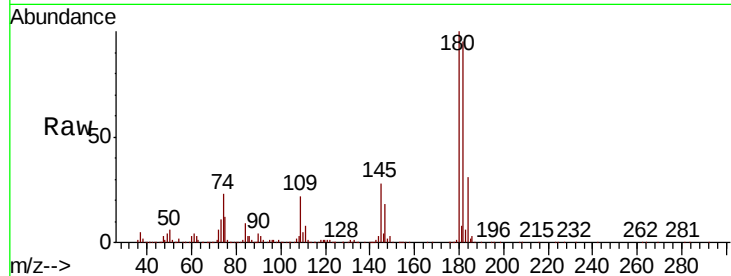




#89
1,2,4-Trichlorobenzene
Concen: 21.682 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

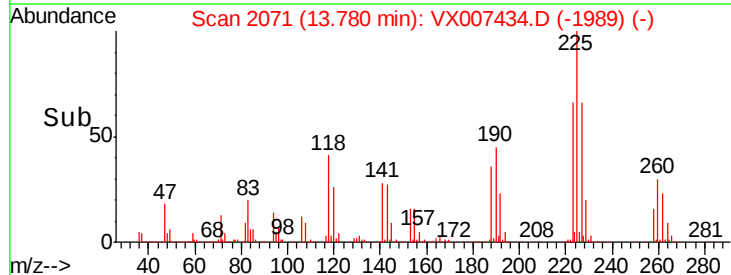
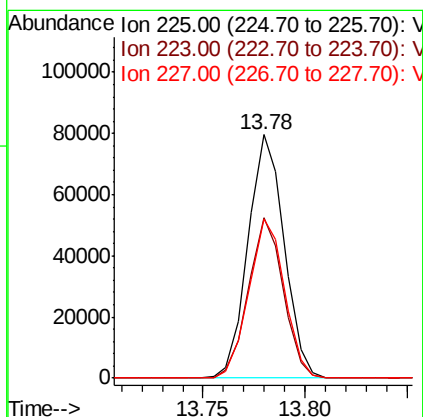
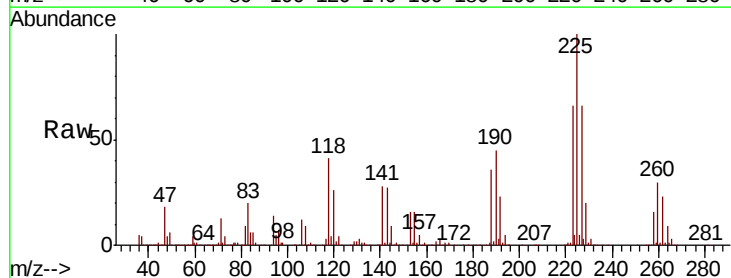
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

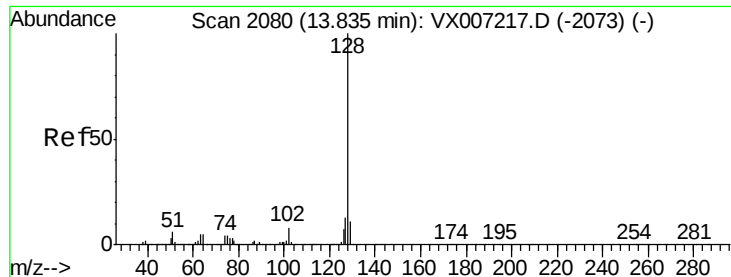
Tgt Ion:180 Resp: 205393
Ion Ratio Lower Upper
180 100
182 94.0 76.7 115.1
145 27.9 23.1 34.7



#90
Hexachlorobutadiene
Concen: 21.739 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007434.D
Acq: 08 Feb 2019 11:09

Tgt Ion:225 Resp: 98216
Ion Ratio Lower Upper
225 100
223 64.0 0.0 124.6
227 64.8 0.0 128.2





#91

Naphthalene

Concen: 21.813 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

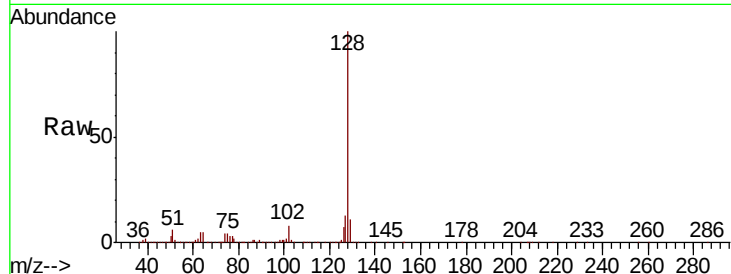
Tgt Ion:128 Resp: 625491

Ion Ratio Lower Upper

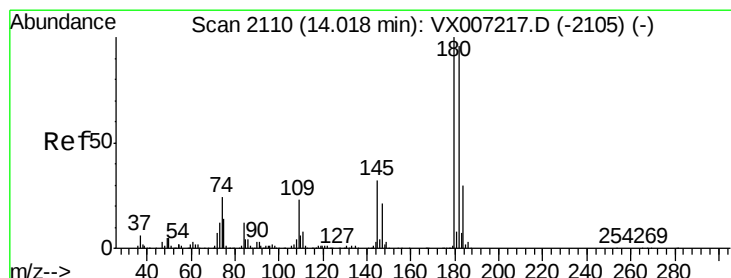
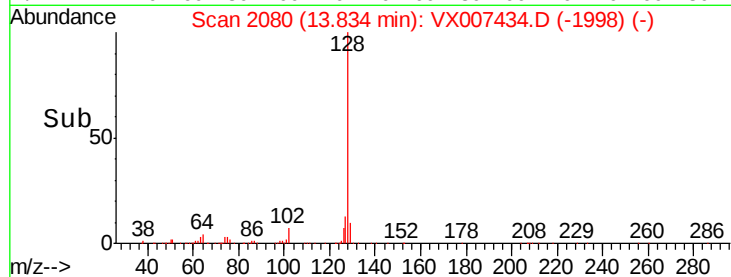
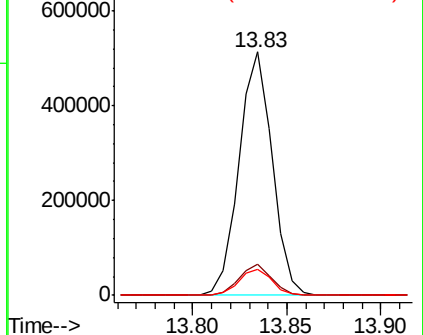
128 100

127 12.5 10.6 16.0

129 10.7 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: 21.645 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007434.D

Acq: 08 Feb 2019 11:09

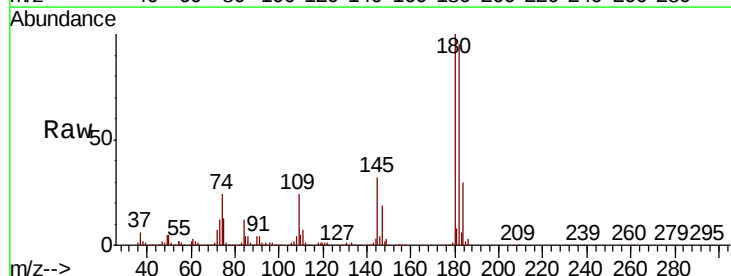
Tgt Ion:180 Resp: 203313

Ion Ratio Lower Upper

180 100

182 96.0 0.0 187.6

145 31.4 0.0 62.0



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

