

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007923.D
 Acq On : 08 Mar 2019 11:13
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 09 03:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	43220	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	239743	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	207932	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	85330	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.13	95	99625	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	287325	30.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	250266	97.538	ug/l 100
3) Chloromethane	1.33	50	268738	94.189	ug/l 97
4) Vinyl Chloride	1.41	62	270876	95.844	ug/l 99
5) Bromomethane	1.64	94	124867	88.621	ug/l 98
6) Chloroethane	1.71	64	154871	93.830	ug/l 95
7) Trichlorofluoromethane	1.93	101	332135	94.374	ug/l 97
8) Diethyl Ether	2.19	74	184493	101.794	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	263475	99.578	ug/l 98
10) 1,1-Dichloroethene	2.37	96	253755	101.182	ug/l 93
11) Methyl Iodide	2.51	142	411151	104.727	ug/l 93
12) Methyl Acetate	2.78	43	376598	94.947	ug/l 96
13) Acrolein	2.30	56	224872	483.252	ug/l 98
14) Acrylonitrile	3.15	53	833606	495.098	ug/l 100
15) Acetone	2.45	58	277178	455.969	ug/l 96
16) Carbon Disulfide	2.57	76	798177	101.440	ug/l 99
17) Allyl chloride	2.73	41	522554	101.631	ug/l 87
18) Methylene Chloride	2.86	84	277241	97.036	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	265062	99.889	ug/l 96
20) Diisopropyl ether	3.87	45	936524	99.563	ug/l 92
21) 1,1-Dichloroethane	3.70	63	512194	100.121	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	309509	101.115	ug/l 92
23) tert-Butyl Alcohol	2.78	59	30323	44.641	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	866111	100.445	ug/l 95
25) Chloroform	5.22	83	480667	99.545	ug/l 97
26) Cyclohexane	5.57	56	482051	101.973	ug/l # 92
29) 1,1-Dichloropropene	5.80	75	380702	100.150	ug/l 96
30) 2-Butanone	4.70	43	1214805	473.821	ug/l 98
31) 2,2-Dichloropropane	4.59	77	361925	103.081	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	415459	101.072	ug/l 99
33) Carbon Tetrachloride	5.78	117	372539	102.178	ug/l 97
34) Benzene	6.14	78	1147275	98.483	ug/l 97
35) Methacrylonitrile	5.06	41	242569	97.091	ug/l 96
36) 1,2-Dichloroethane	6.20	62	366257	96.637	ug/l 99
37) Trichloroethene	7.21	130	311849	98.804	ug/l 94
38) Methylcyclohexane	7.46	83	489722	101.330	ug/l 96
39) 1,2-Dichloropropane	7.52	63	299362	98.537	ug/l 98
40) Dibromomethane	7.66	93	189809	98.496	ug/l 92

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	370789	101.794	ug/l	99
42) Vinyl Acetate	3.83	43	4163966	501.727	ug/l	97
43) Ethyl Acetate	4.85	43	434881	97.380	ug/l #	82
44) Isopropyl Acetate	6.46	43	687105	100.837	ug/l	98
45) 1,4-Dioxane	7.75	88	137750	1932.237	ug/l	93
46) Methyl methacrylate	7.77	41	357844	99.854	ug/l	91
47) n-amyl Acetate	10.90	43	580199	98.822	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	424026	107.485	ug/l	97
49) cis-1,3-Dichloropropene	8.44	75	467014	104.547	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	282414	96.144	ug/l	96
51) Ethyl methacrylate	9.18	69	446318	100.191	ug/l	95
52) 1,3-Dichloropropane	9.37	76	473866	97.634	ug/l	99
53) Dibromochloromethane	9.59	129	311461	103.083	ug/l	100
54) 1,2-Dibromoethane	9.67	107	301638	98.225	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	1038544	501.252	ug/l	98
56) Bromoform	10.86	173	247371	102.641	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	2107380	492.262	ug/l	99
59) 2-Hexanone	9.49	43	1628440	481.883	ug/l	99
61) Tetrachloroethene	9.34	164	294105	96.962	ug/l	97
62) Toluene	8.79	91	1217543	100.278	ug/l	100
64) Chlorobenzene	10.14	112	769704	99.465	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	285555	103.065	ug/l	99
66) Ethyl Benzene	10.25	91	1321902	101.361	ug/l	98
67) m/p-Xylenes	10.36	106	1011585	202.289	ug/l	98
68) o-Xylene	10.70	106	486992	100.289	ug/l	98
69) Styrene	10.71	104	808490	101.049	ug/l	99
70) Isopropylbenzene	11.02	105	1296955	99.955	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	415102	96.865	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	497302	123.113	ug/l	88
73) Bromobenzene	11.26	156	341513	99.001	ug/l	95
74) n-propylbenzene	11.36	91	1459504	99.717	ug/l	99
75) 2-Chlorotoluene	11.42	91	858944	97.910	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	1069267	99.434	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	138746	111.171	ug/l	84
78) 4-Chlorotoluene	11.51	91	994455	100.261	ug/l	96
79) tert-butylbenzene	12.06	119	1162420	100.730	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	1087726	99.663	ug/l	98
81) sec-Butylbenzene	11.94	105	1292337	99.982	ug/l	99
82) p-Isopropyltoluene	12.06	119	1162420	100.730	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	610866	99.462	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	608799	99.074	ug/l	98
85) n-Butylbenzene	12.39	91	1017494	103.099	ug/l	99
86) Hexachloroethane	12.60	117	197005	104.776	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	596932	98.346	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	90370	103.239	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	446425	102.341	ug/l	99
90) Hexachlorobutadiene	13.78	225	236605	98.346	ug/l	98
91) Naphthalene	13.83	128	1304827	104.351	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	441738	101.879	ug/l	99

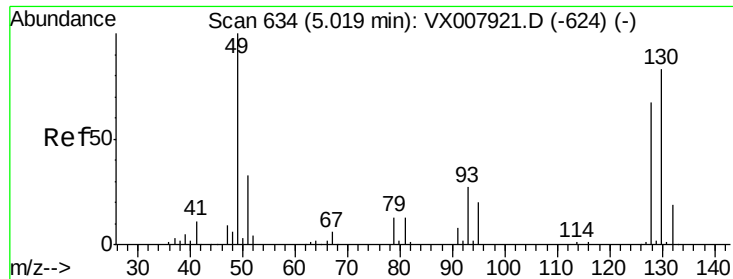
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

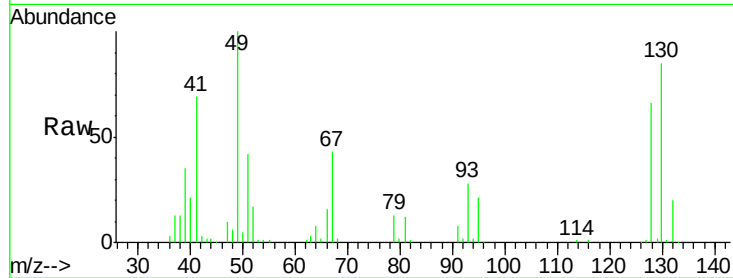
Tot Ion:128 Resp: 43220

Ion Ratio Lower Upper

128 100

49 162.9 0.0 350.8

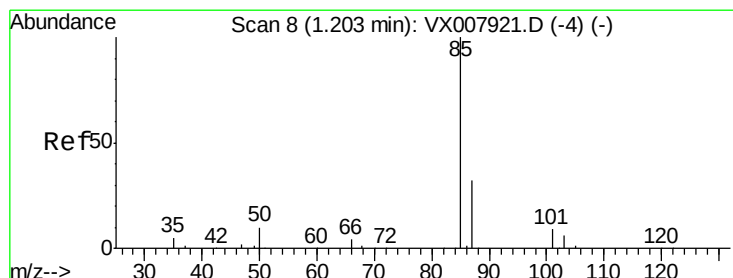
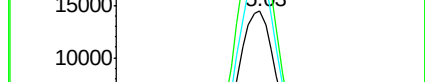
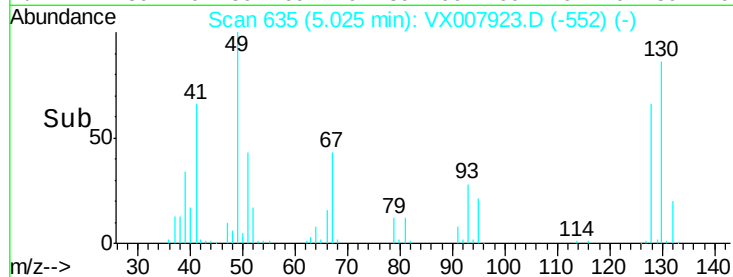
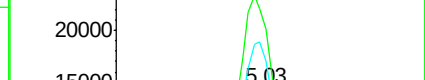
130 129.2 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 97.538 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007923.D

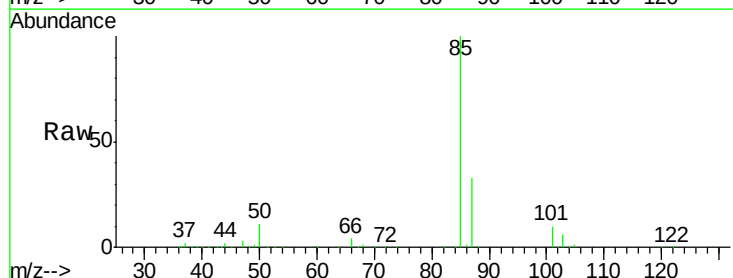
Acq: 08 Mar 2019 11:13

Tgt Ion: 85 Resp: 250266

Ion Ratio Lower Upper

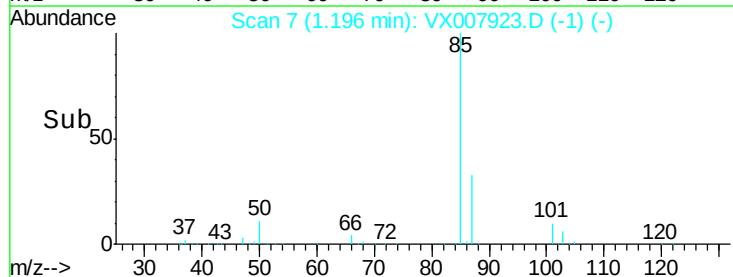
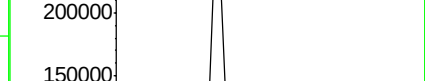
85 100

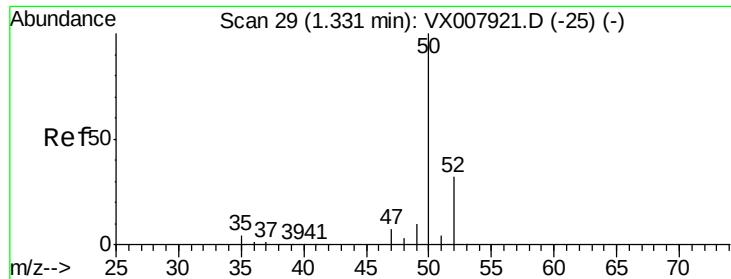
87 33.0 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 94.189 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

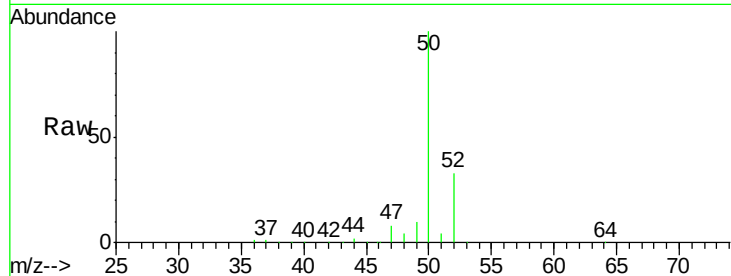
VSTDIC100

Tot Ion: 50 Resp: 268738

Ion Ratio Lower Upper

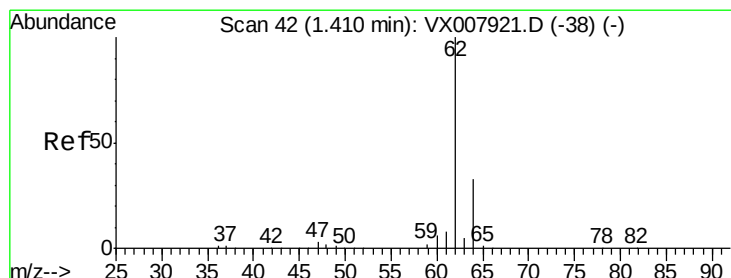
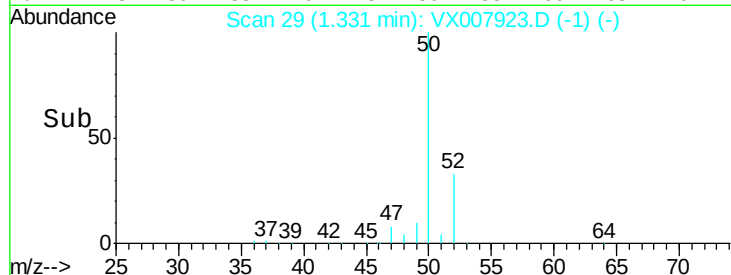
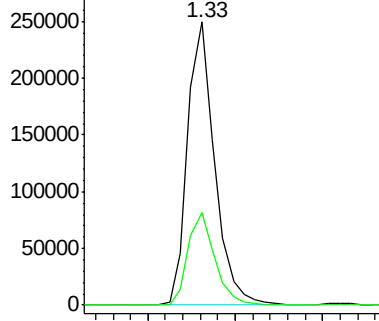
50 100

52 32.5 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 95.844 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007923.D

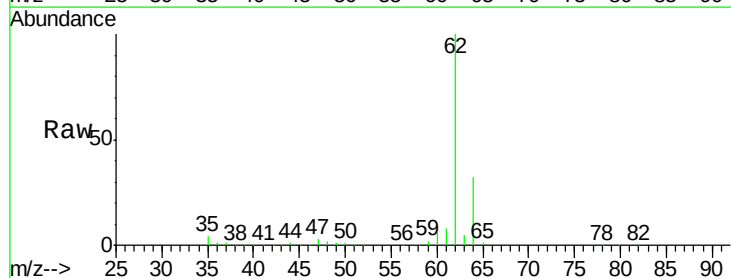
Acq: 08 Mar 2019 11:13

Tgt Ion: 62 Resp: 270876

Ion Ratio Lower Upper

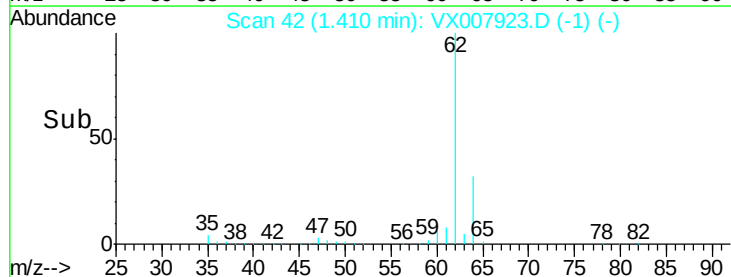
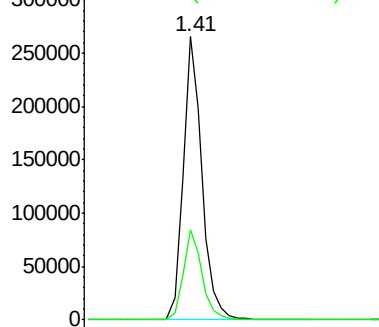
62 100

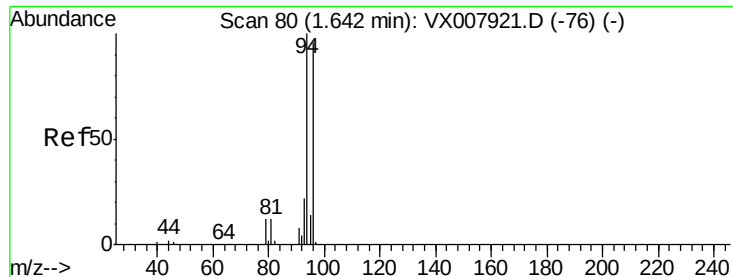
64 31.6 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 88.621 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

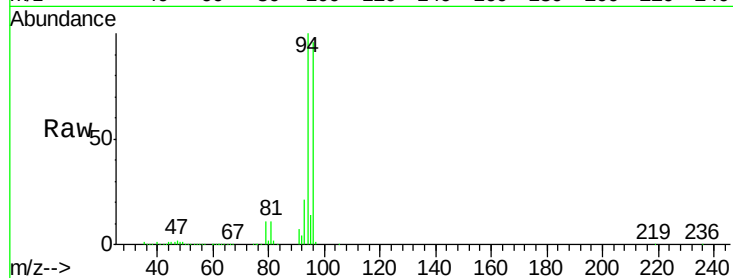
VSTDICC100

Tot Ion: 94 Resp: 124867

Ion Ratio Lower Upper

94 100

96 96.2 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

150000

100000

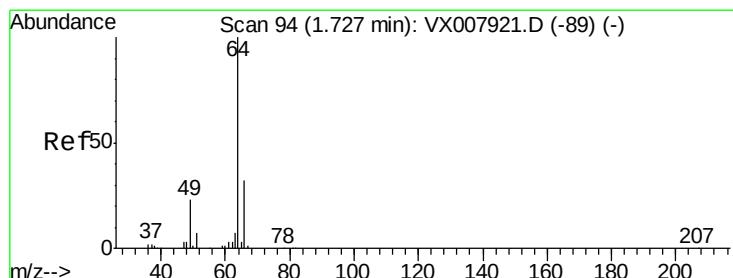
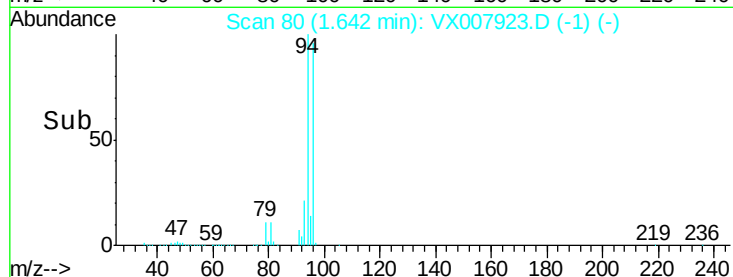
50000

0

1.64

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 93.830 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007923.D

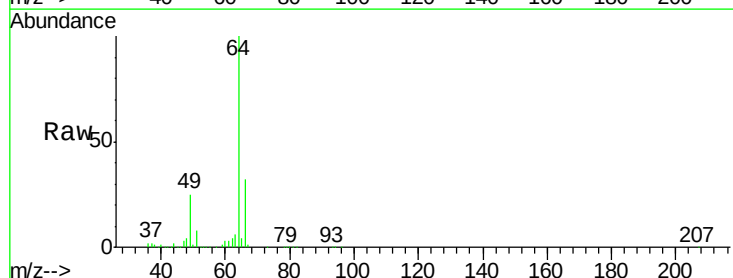
Acq: 08 Mar 2019 11:13

Tgt Ion: 64 Resp: 154871

Ion Ratio Lower Upper

64 100

66 32.4 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

120000

100000

80000

60000

40000

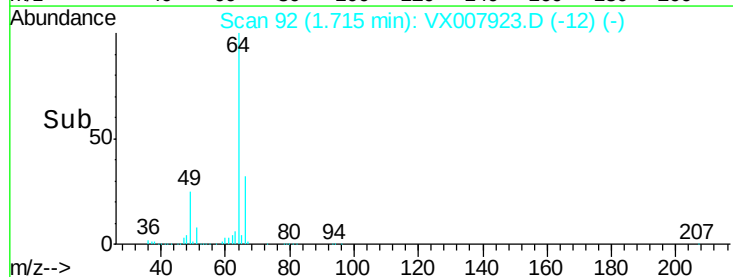
20000

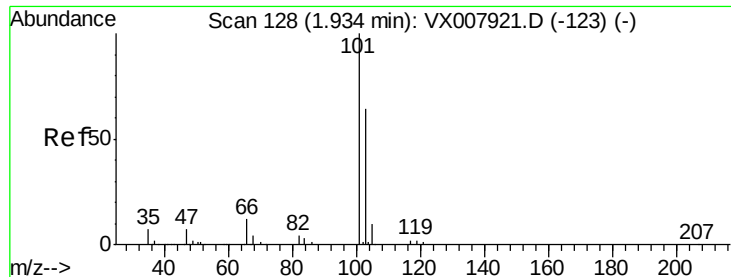
0

1.71

1.65 1.70 1.75 1.80

Time-->



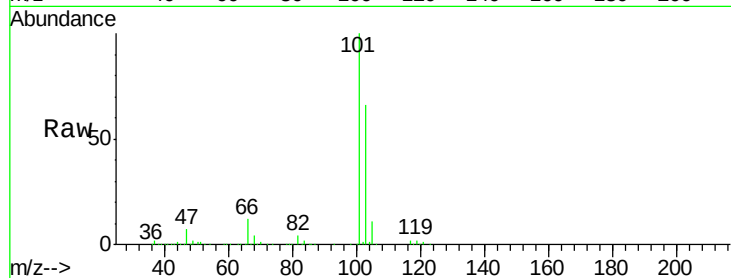


#7

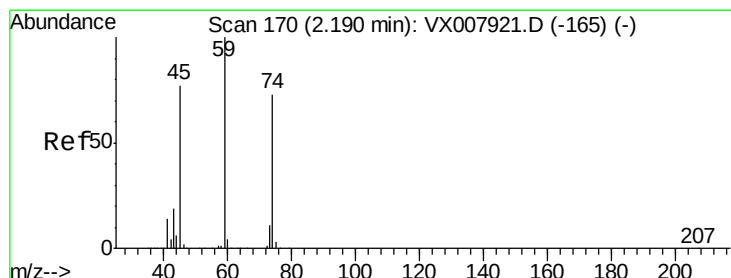
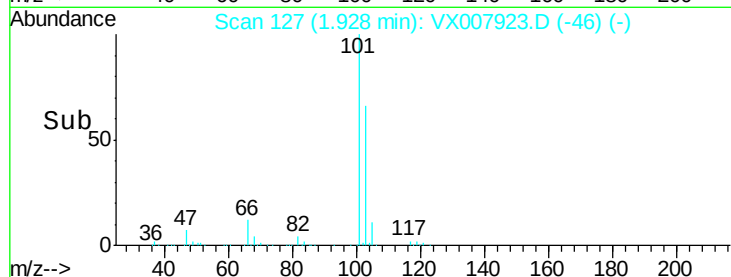
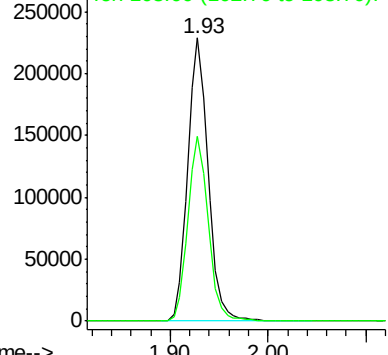
Trichlorofluoromethane
 Concen: 94.374 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:101 Resp: 332135
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.4 75.6



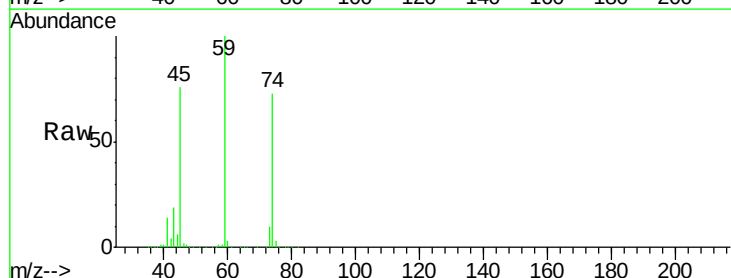
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



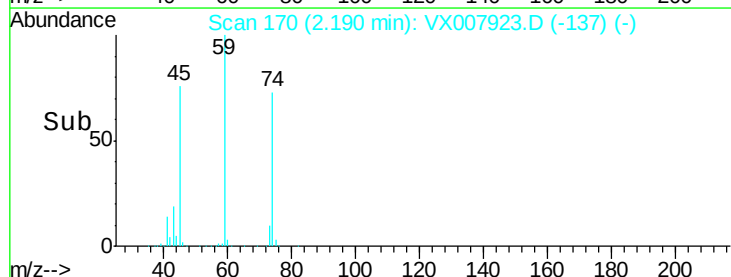
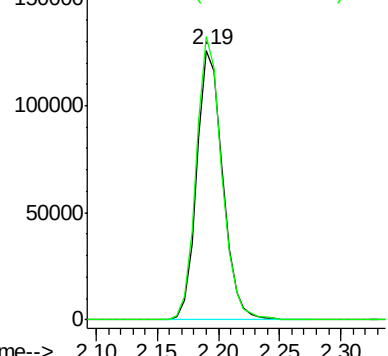
#8

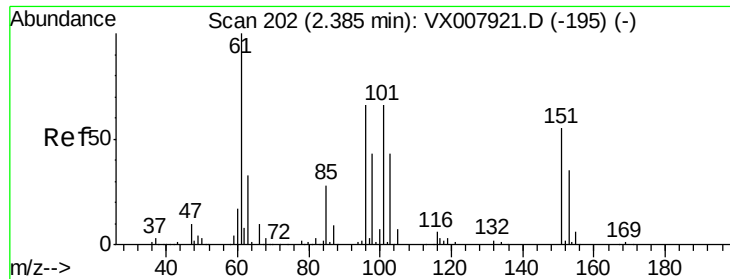
Diethyl Ether
 Concen: 101.794 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 74 Resp: 184493
 Ion Ratio Lower Upper
 74 100
 45 103.6 18.6 167.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.578 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

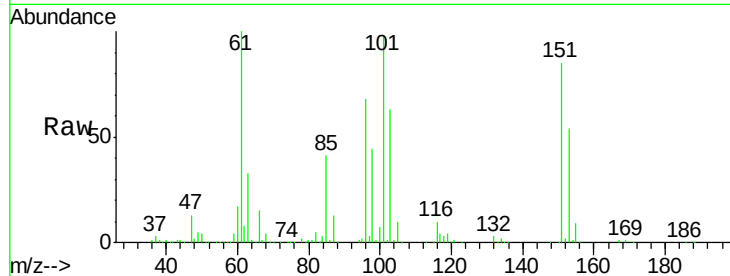
Tot Ion:101 Resp: 263475

Ion Ratio Lower Upper

101 100

85 41.9 0.0 86.8

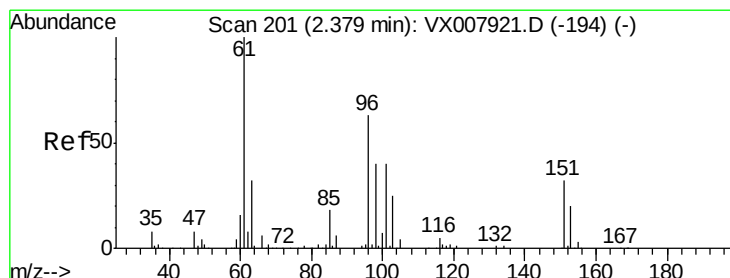
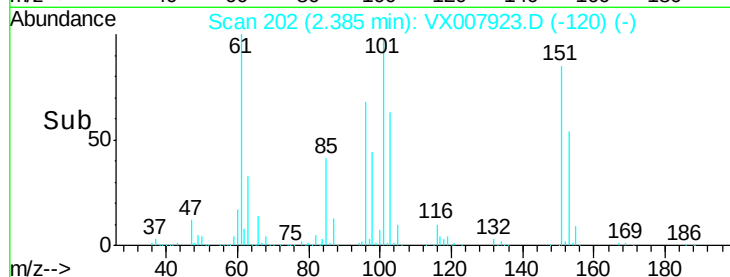
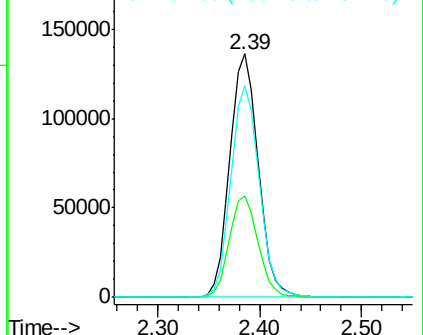
151 86.5 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 101.182 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

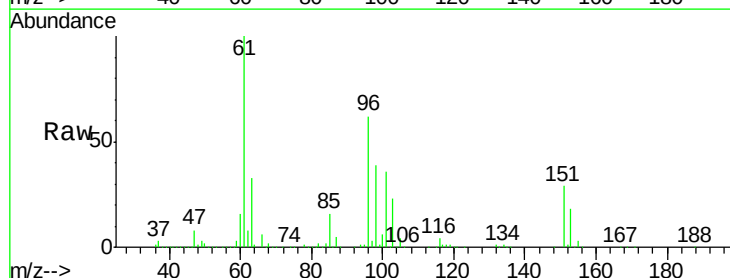
Tgt Ion: 96 Resp: 253755

Ion Ratio Lower Upper

96 100

61 162.1 120.2 180.2

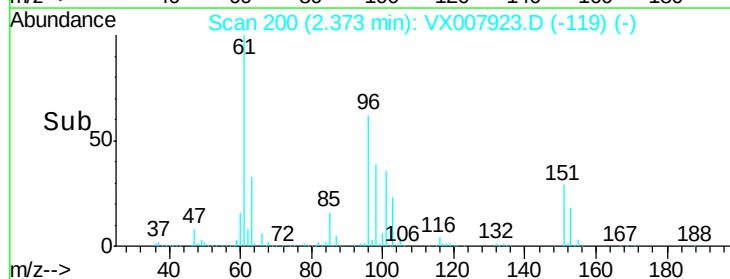
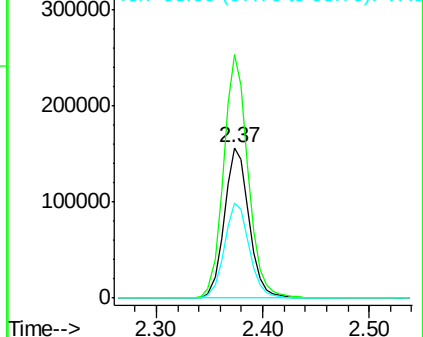
98 63.4 49.0 73.4

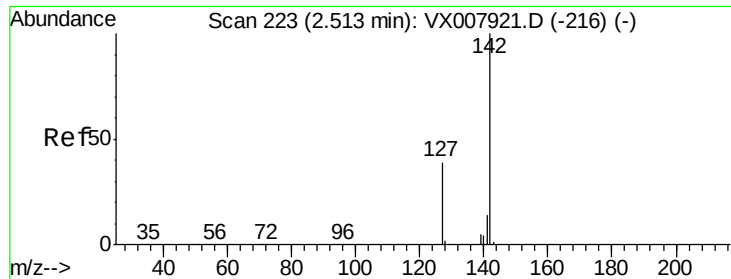


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

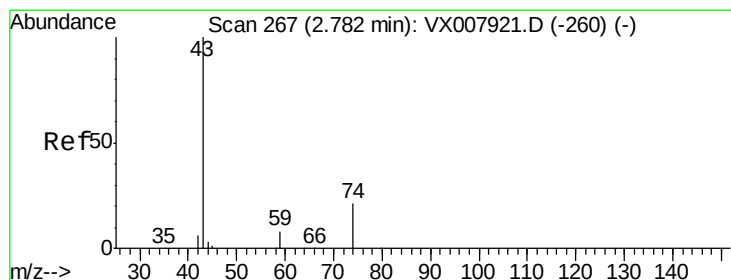
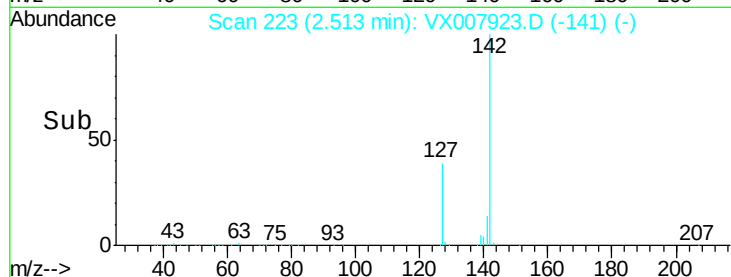
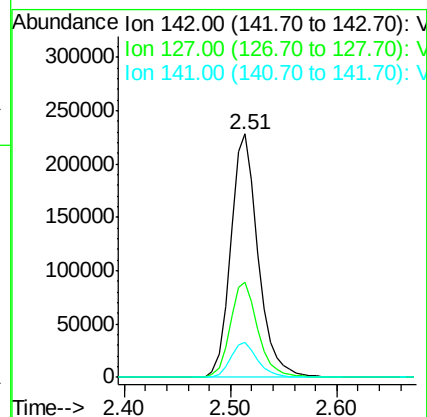
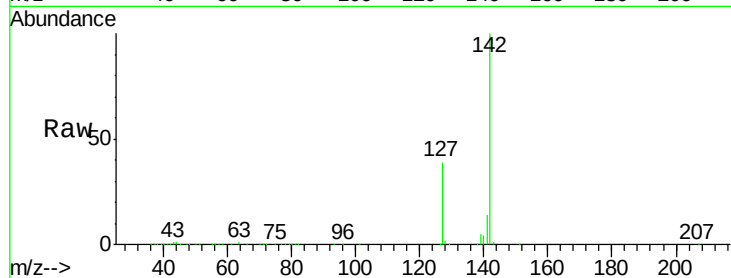




#11
Methvl Iodide
Concen: 104.727 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

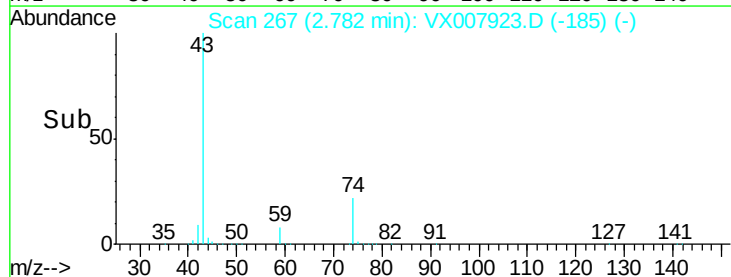
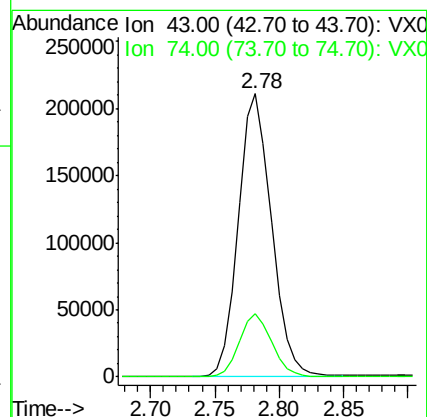
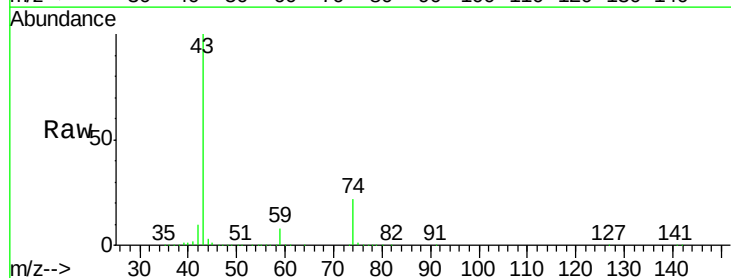
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

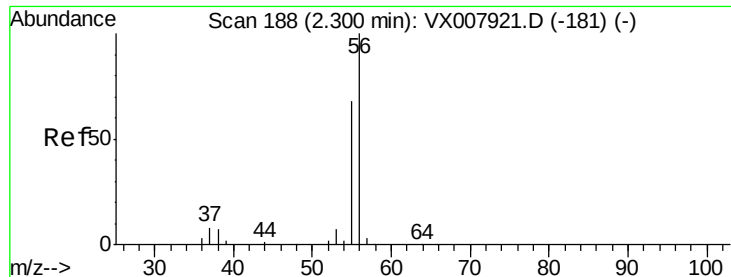
Tot Ion:142 Resp: 411151
Ion Ratio Lower Upper
142 100
127 39.0 22.1 66.5
141 14.2 7.4 22.3



#12
Methyl Acetate
Concen: 94.947 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 43 Resp: 376598
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.0





#13

Acrolein

Concen: 483.252 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

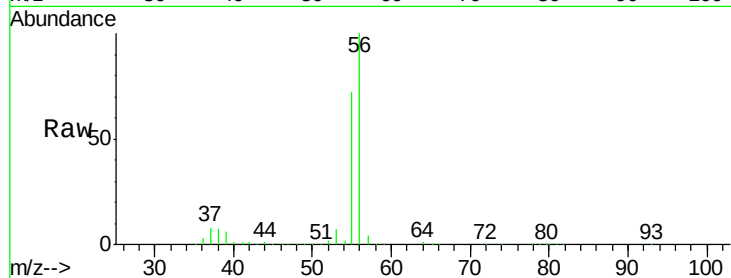
VSTDIC100

Tot Ion: 56 Resp: 224872

Ion Ratio Lower Upper

56 100

55 71.3 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

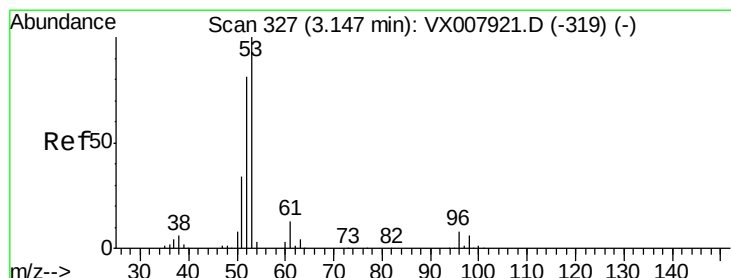
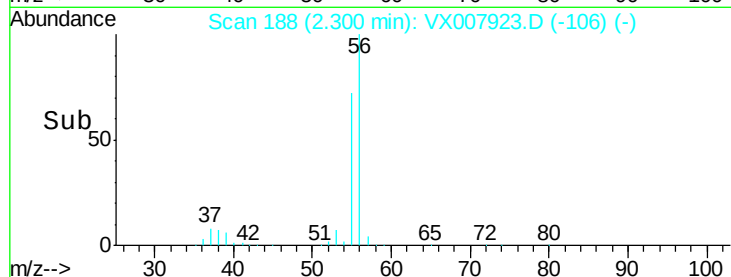
150000

100000

50000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 495.098 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

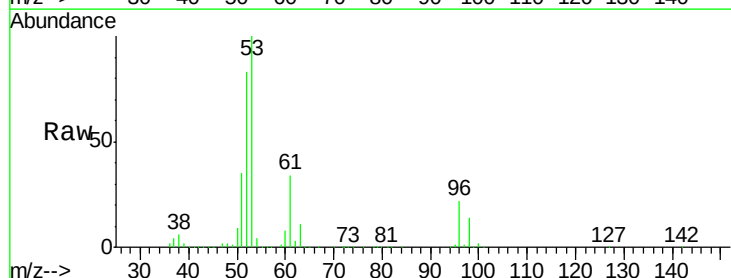
Tgt Ion: 53 Resp: 833606

Ion Ratio Lower Upper

53 100

52 82.4 41.3 124.1

51 35.0 17.5 52.6



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

500000

400000

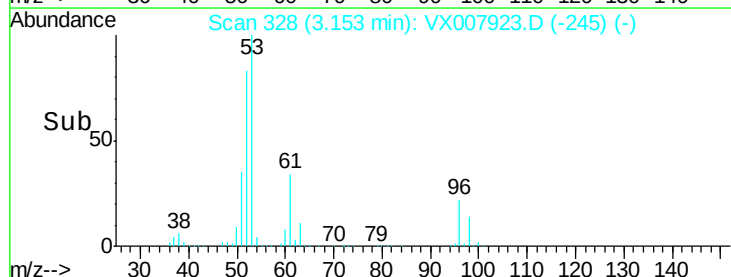
300000

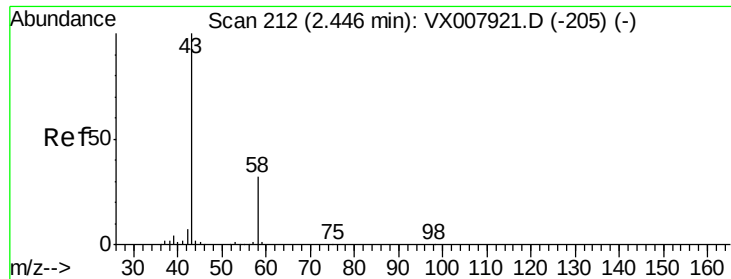
200000

100000

0

Time--> 3.10 3.20 3.30





#15

Acetone

Concen: 455.969 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampled :

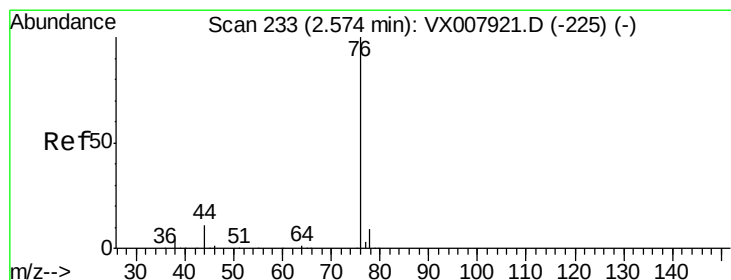
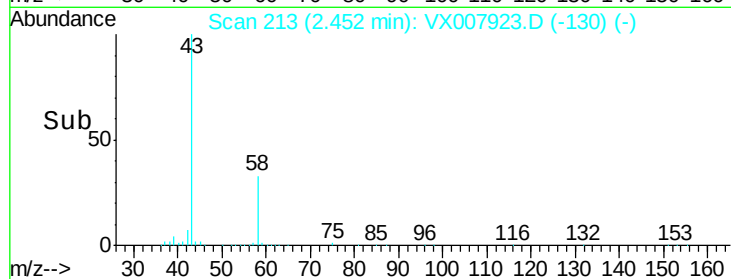
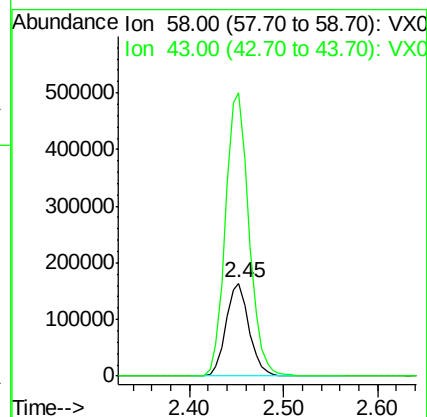
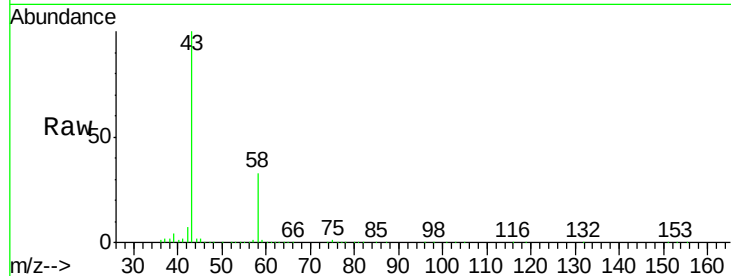
VSTDIC100

Tot Ion: 58 Resp: 277178

Ion Ratio Lower Upper

58 100

43 304.5 249.8 374.6



#16

Carbon Disulfide

Concen: 101.440 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007923.D

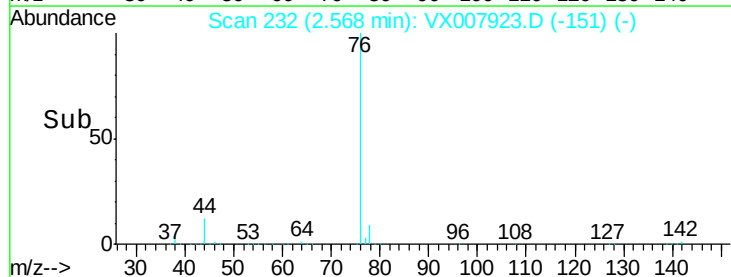
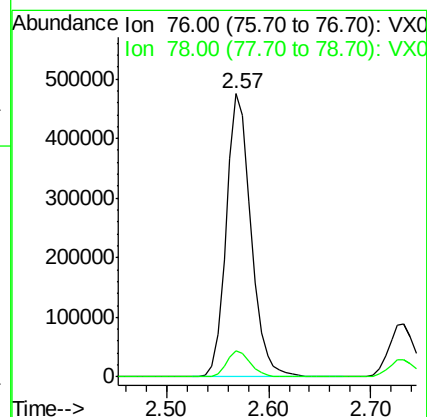
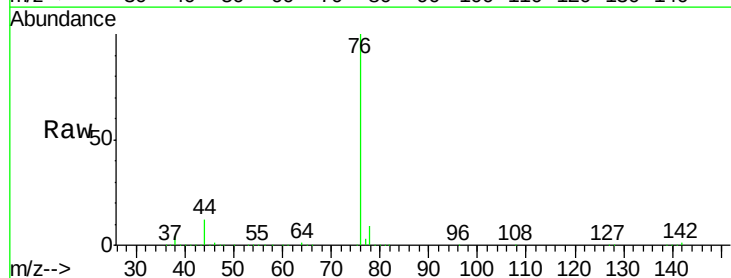
Acq: 08 Mar 2019 11:13

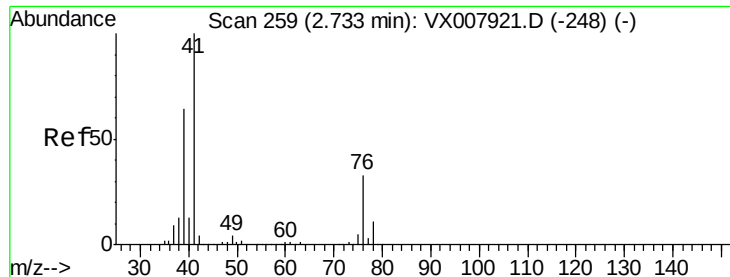
Tgt Ion: 76 Resp: 798177

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

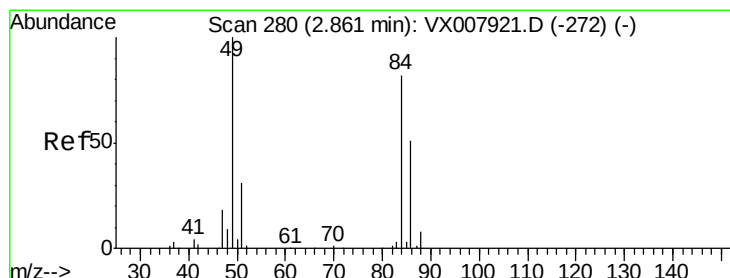
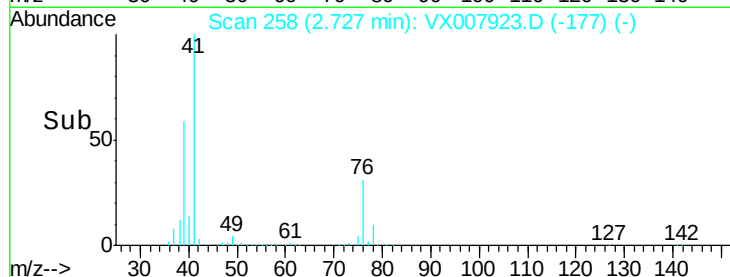
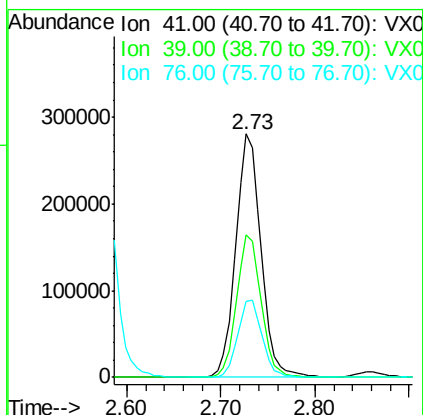
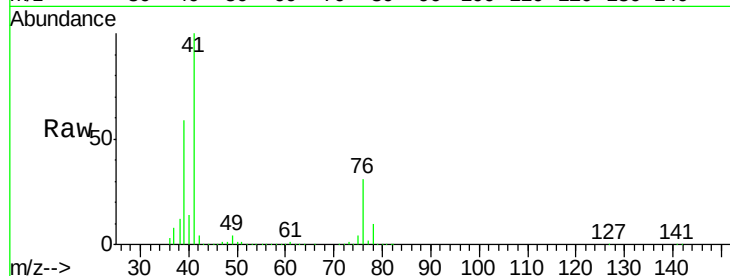




#17
Allvl chloride
Concen: 101.631 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

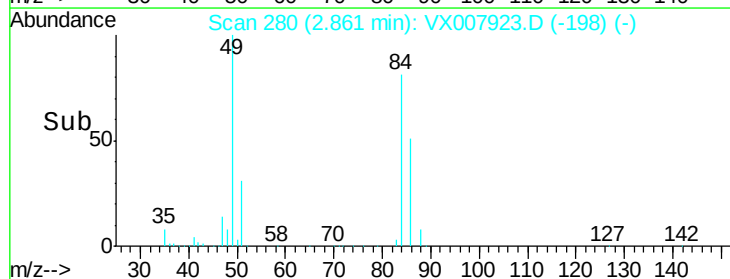
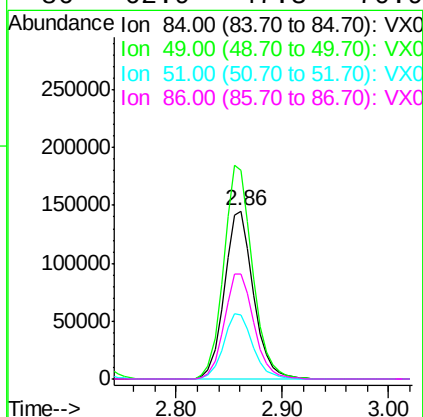
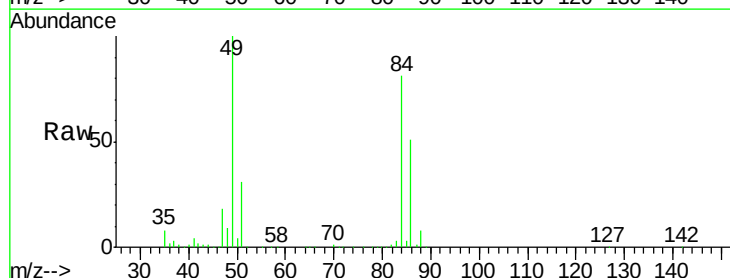
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

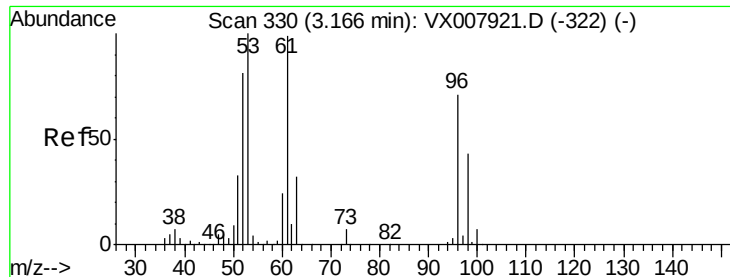
Tot Ion: 41 Resp: 522554
Ion Ratio Lower Upper
41 100
39 58.8 35.8 107.4
76 31.2 18.3 54.9



#18
Methylene Chloride
Concen: 97.036 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 84 Resp: 277241
Ion Ratio Lower Upper
84 100
49 124.1 96.1 144.1
51 38.3 29.1 43.7
86 62.9 47.3 70.9

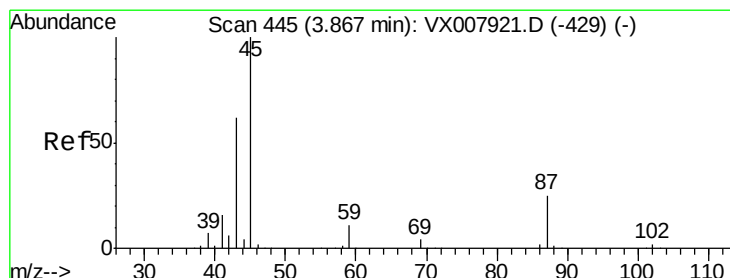
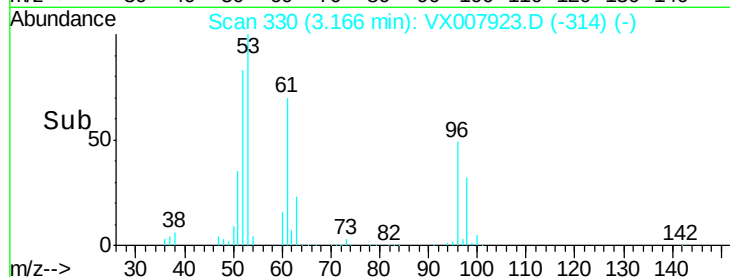
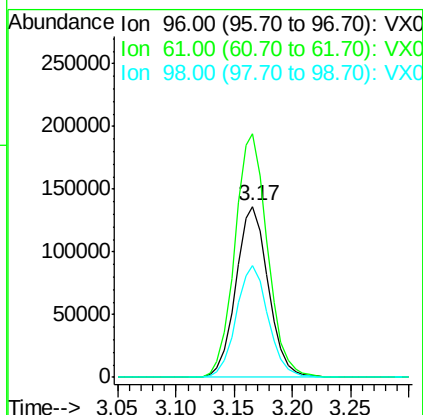
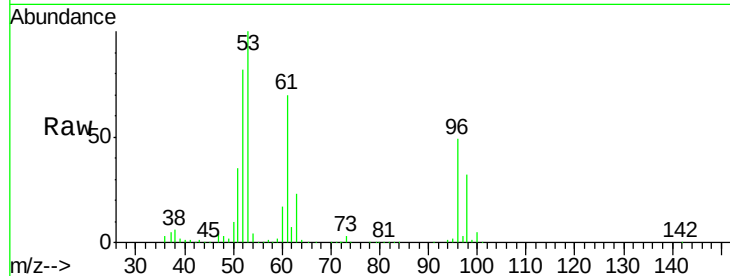




#19
trans-1,2-Dichloroethene
Concen: 99.889 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

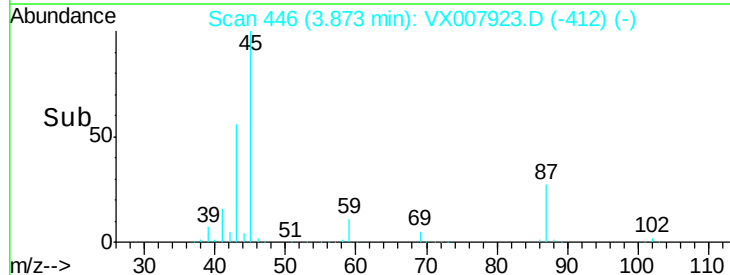
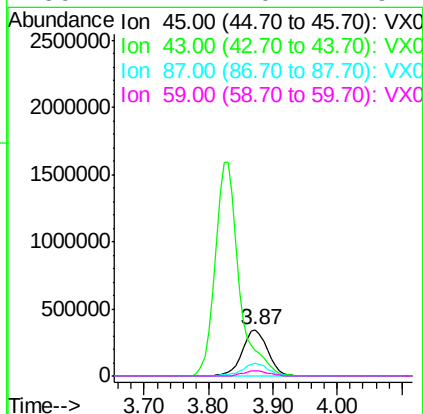
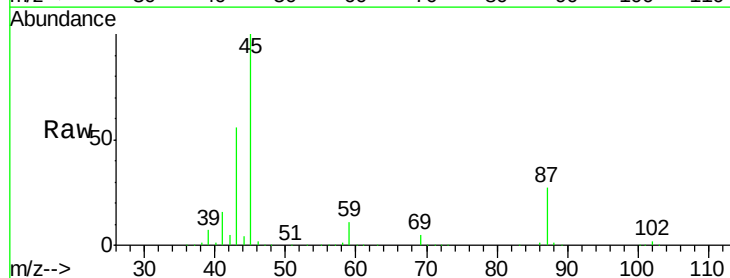
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

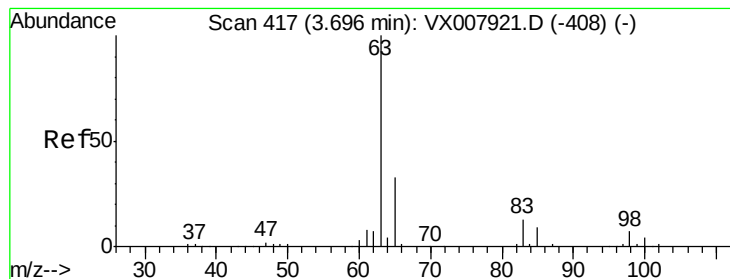
Tot Ion: 96 Resp: 265062
Ion Ratio Lower Upper
96 100
61 142.5 109.9 164.9
98 65.4 50.4 75.6



#20
Diisopropyl ether
Concen: 99.563 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 45 Resp: 936524
Ion Ratio Lower Upper
45 100
43 55.8 50.6 76.0
87 27.0 24.5 36.7
59 11.4 10.2 15.2





#21

1,1-Dichloroethane

Concen: 100.121 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

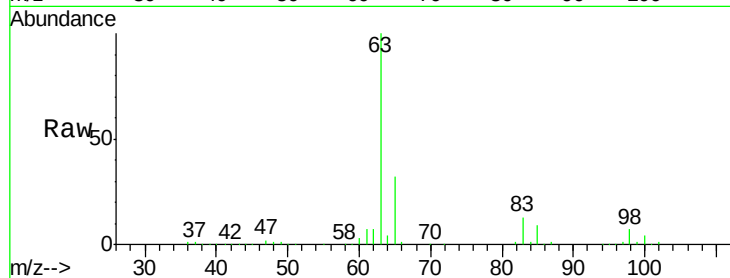
Tot Ion: 63 Resp: 512194

Ion Ratio Lower Upper

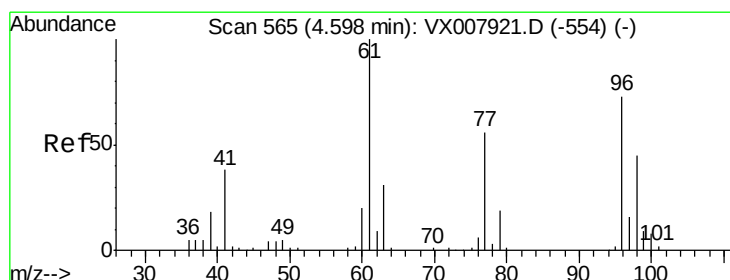
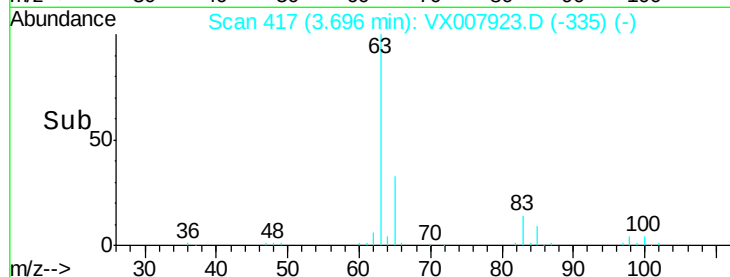
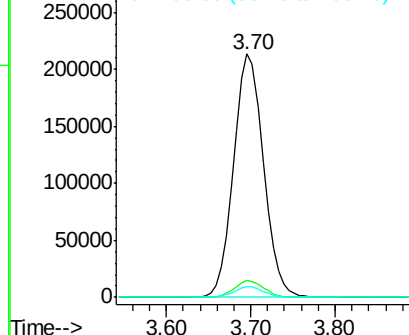
63 100

98 6.8 3.8 11.4

100 4.3 2.4 7.1



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: 101.115 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

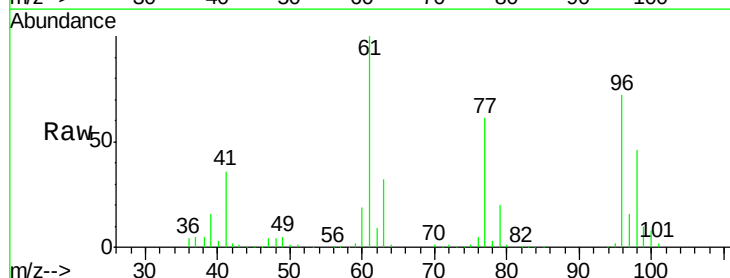
Tgt Ion: 96 Resp: 309509

Ion Ratio Lower Upper

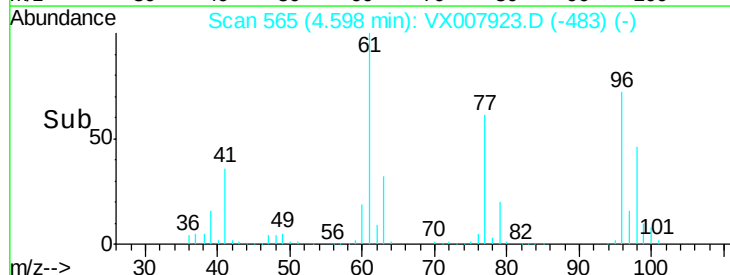
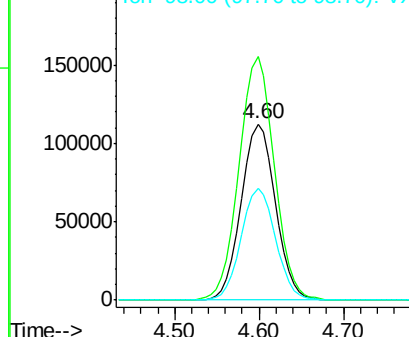
96 100

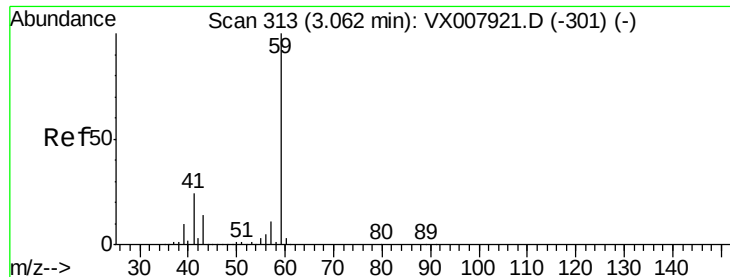
61 142.4 103.5 155.3

98 64.0 52.1 78.1



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



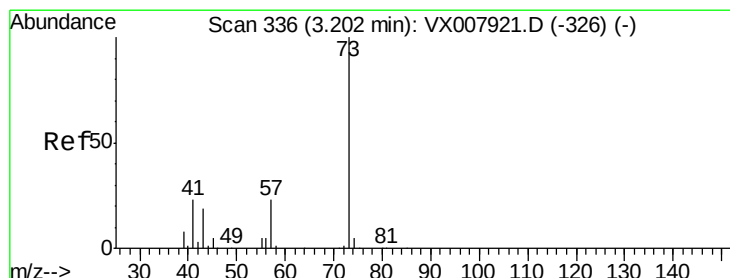
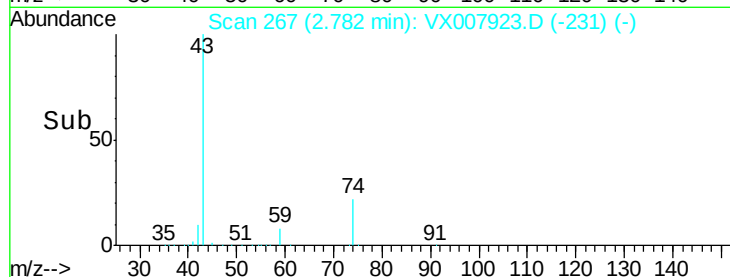
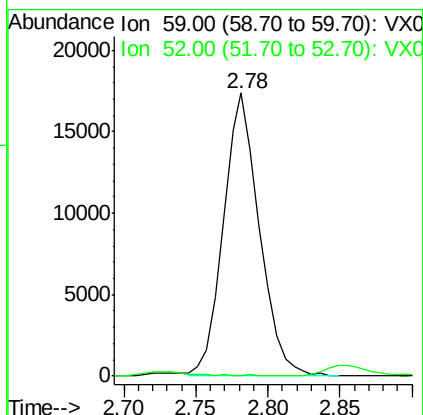
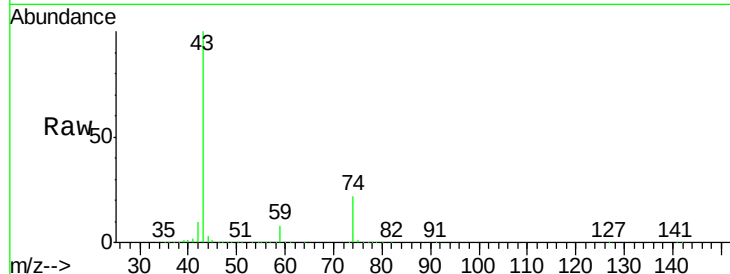


#23

tert-Butyl Alcohol
 Concen: 44.641 ug/l
 RT: 2.78 min Scan# 267
 Delta R.T. -0.28 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

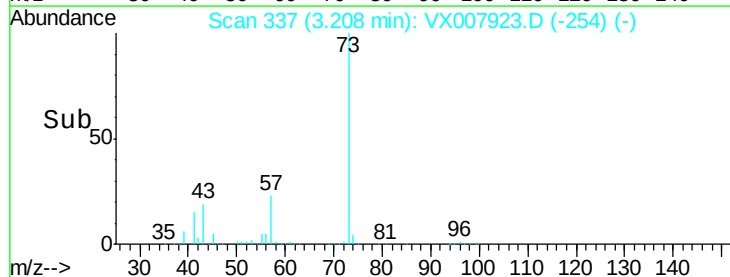
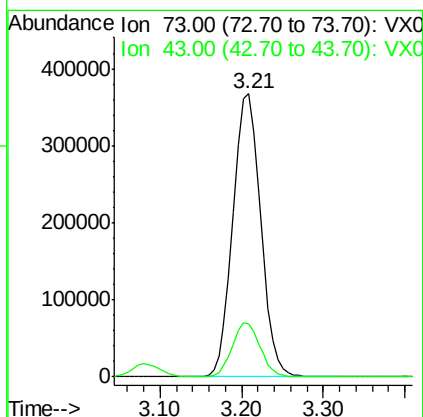
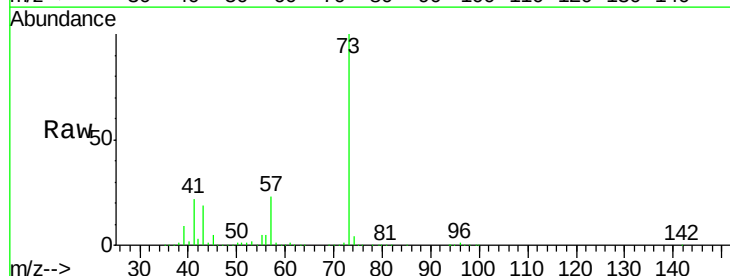
Tot Ion: 59 Resp: 30323
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

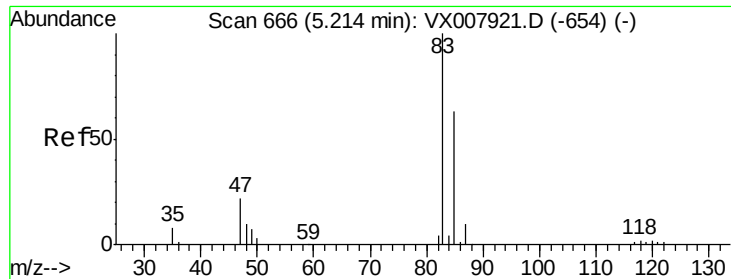


#24

Methyl tert-Butyl Ether
 Concen: 100.445 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 73 Resp: 866111
 Ion Ratio Lower Upper
 73 100
 43 19.2 17.1 25.7

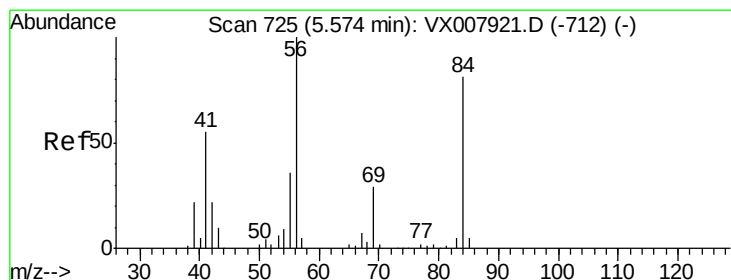
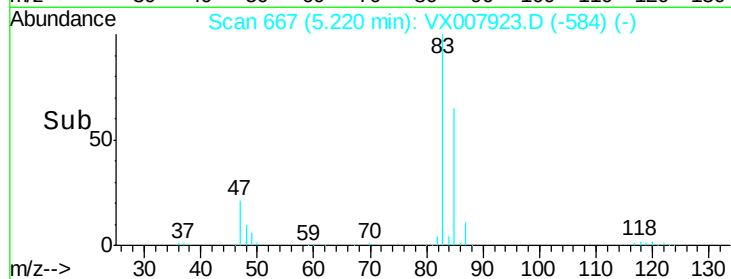
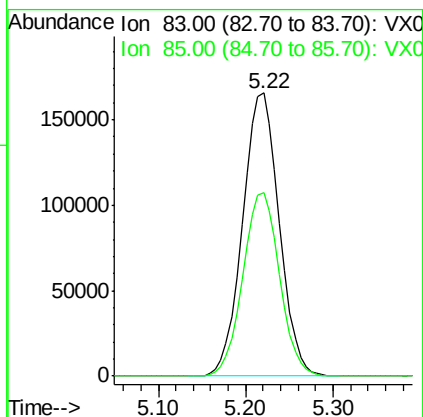
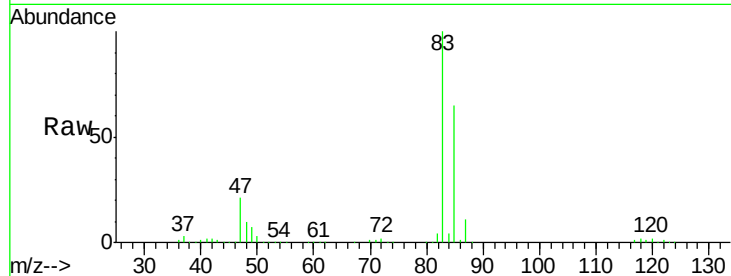




#25
Chloroform
Concen: 99.545 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

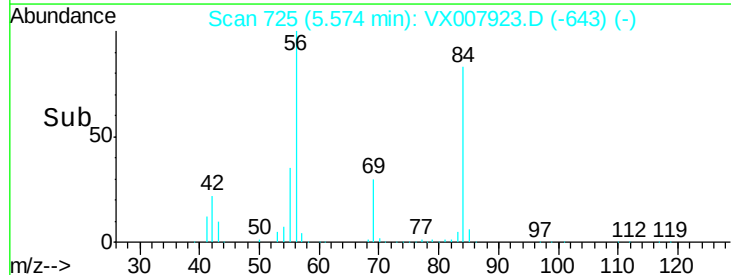
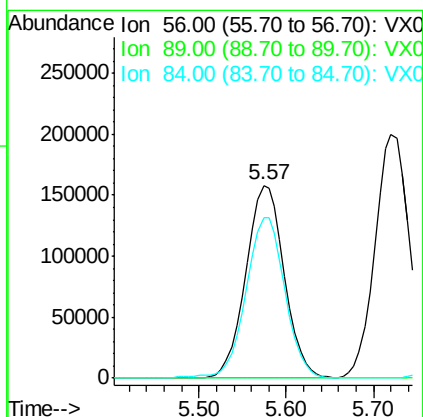
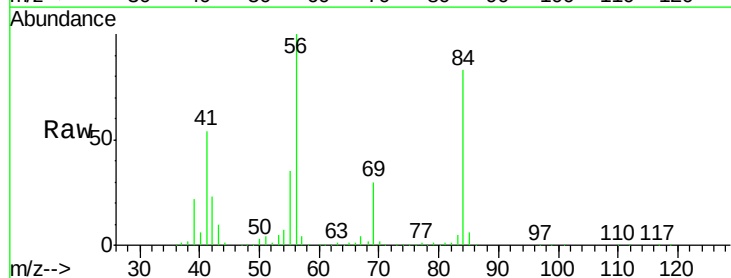
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

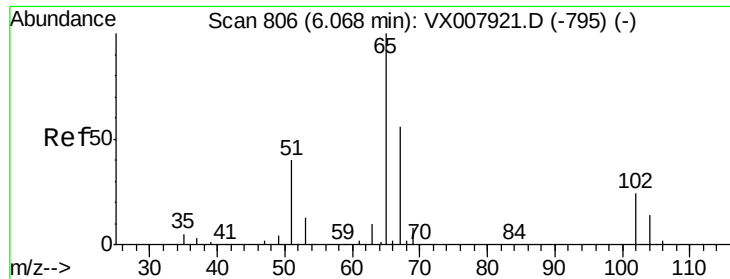
Tot Ion: 83 Resp: 480667
Ion Ratio Lower Upper
83 100
85 64.8 53.8 80.6



#26
Cyclohexane
Concen: 101.973 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 56 Resp: 482051
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.1 73.9 110.9

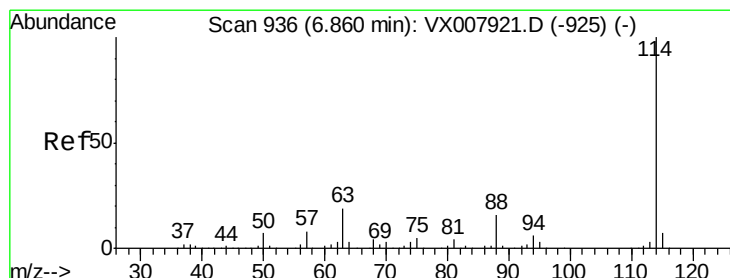
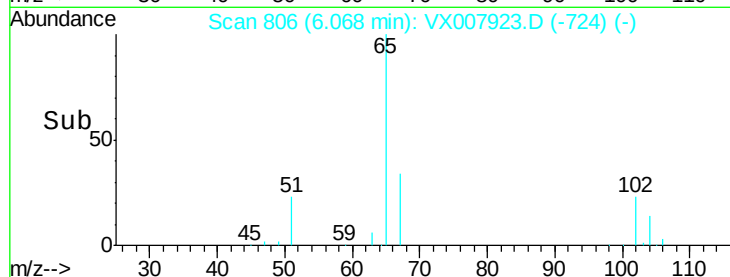
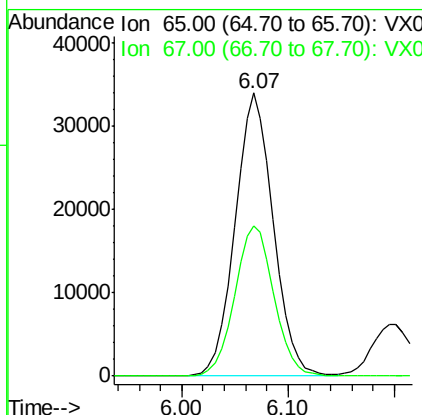
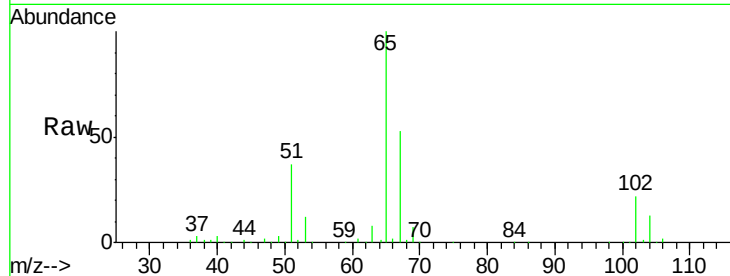




#27
 1,2-Dichloroethane-d4
 Concen: 30.037 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

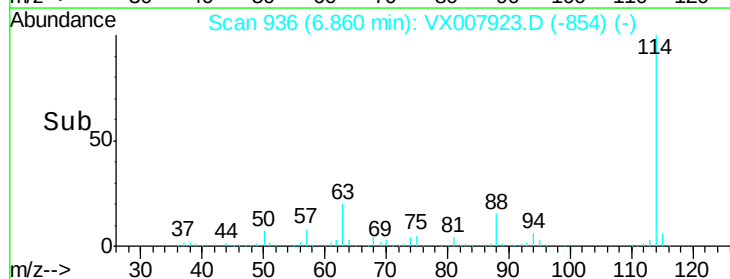
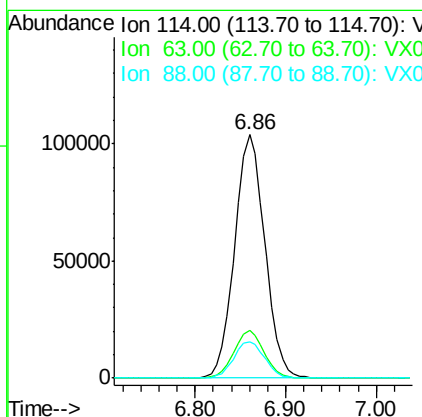
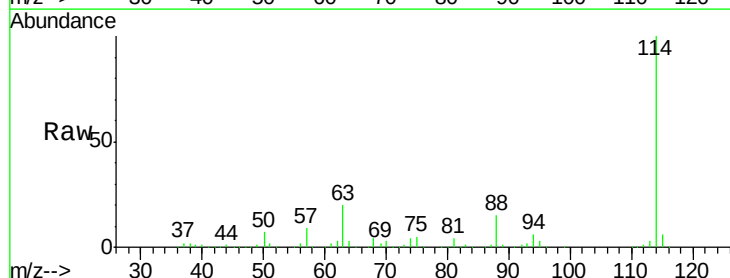
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

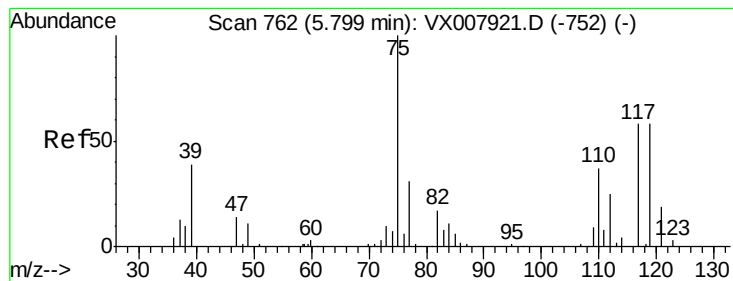
Tot Ion: 65 Resp: 85330
 Ion Ratio Lower Upper
 65 100
 67 54.5 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 114 Resp: 239743
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.2 21.4
 88 15.4 11.9 17.9





#29

1,1-Dichloropropene

Concen: 100.150 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

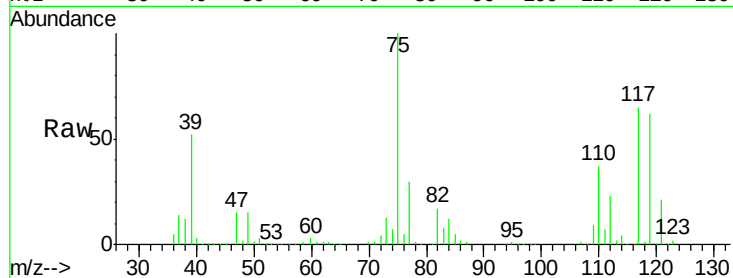
Tot Ion: 75 Resp: 380702

Ion Ratio Lower Upper

75 100

110 36.7 0.0 80.8

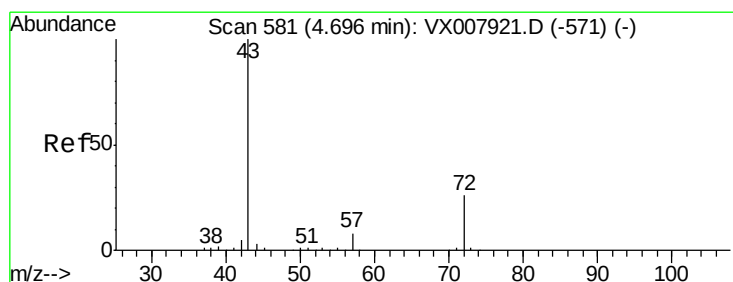
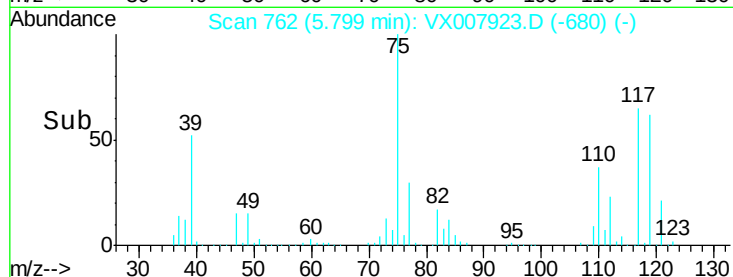
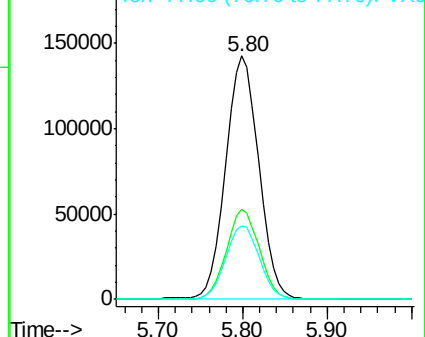
77 30.8 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 473.821 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

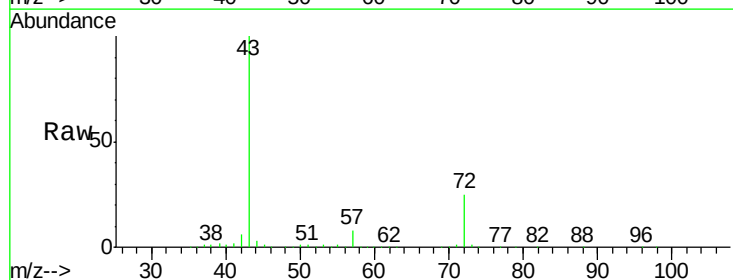
Tgt Ion: 43 Resp: 1214805

Ion Ratio Lower Upper

43 100

57 7.9 7.0 10.6

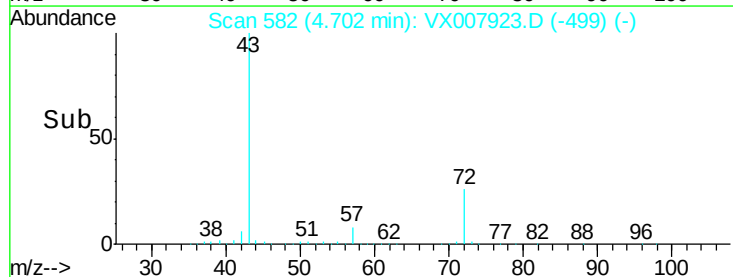
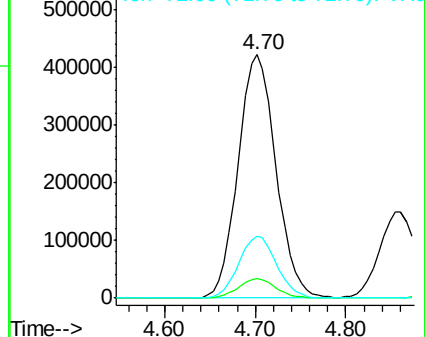
72 25.6 21.5 32.3

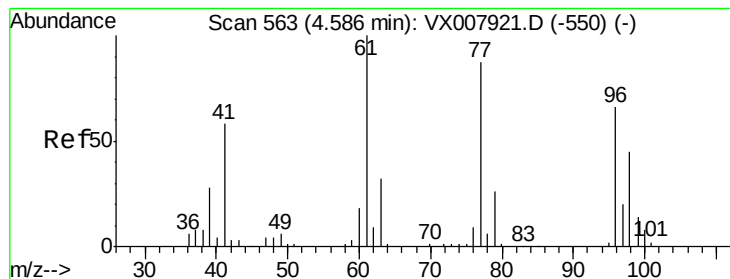


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 103.081 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampled :

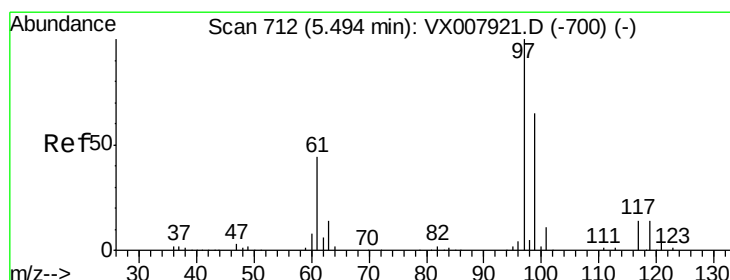
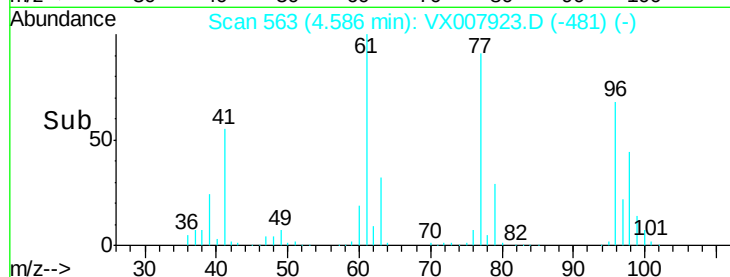
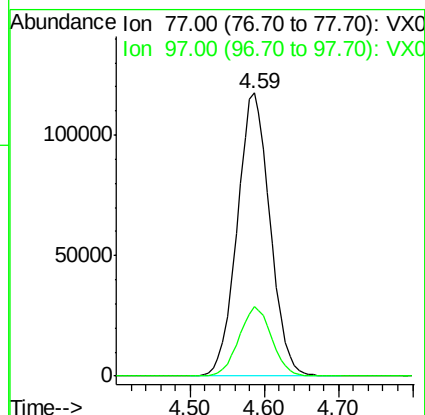
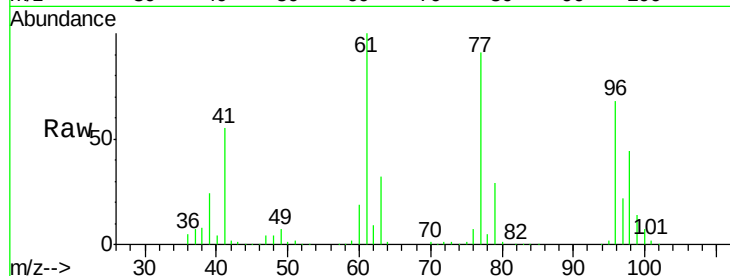
VSTDIC100

Tot Ion: 77 Resp: 361925

Ion Ratio Lower Upper

77 100

97 24.6 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 101.072 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

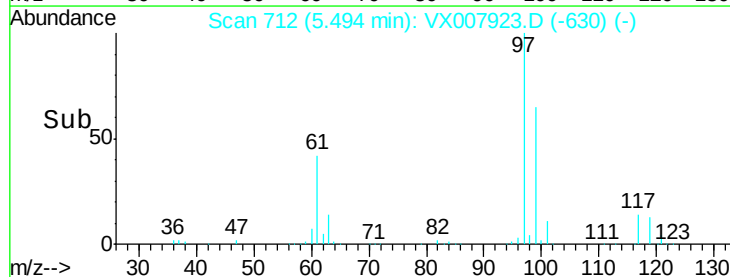
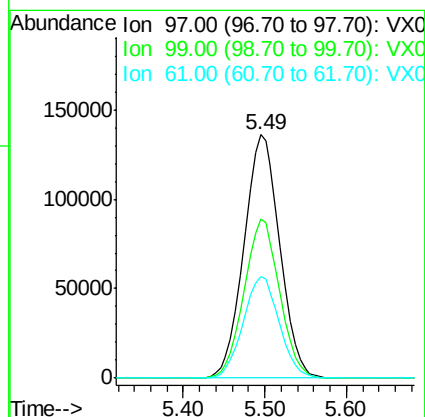
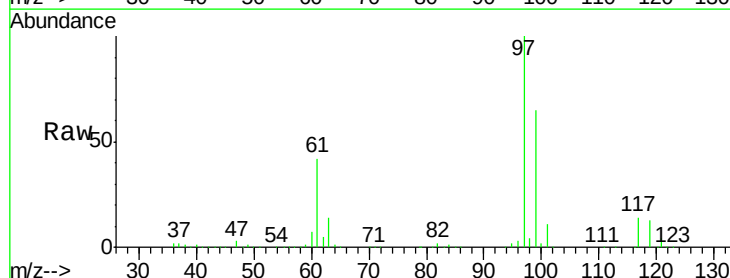
Tgt Ion: 97 Resp: 415459

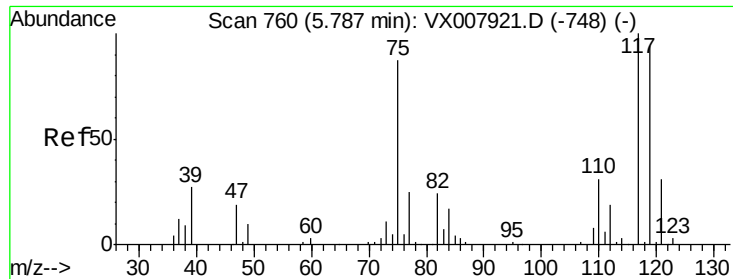
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 42.0 32.8 49.2

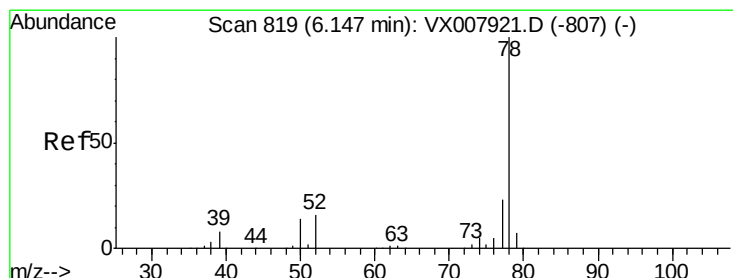
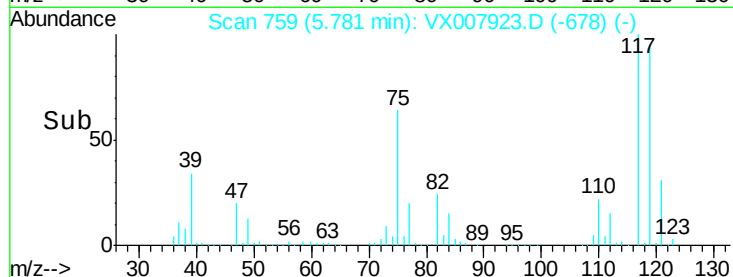
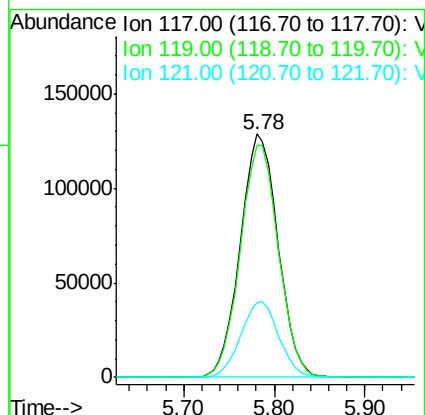
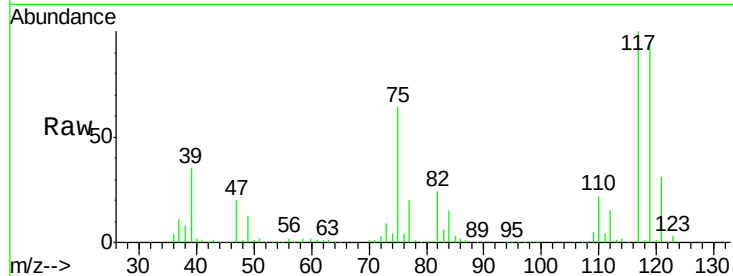




#33
Carbon Tetrachloride
Concen: 102.178 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

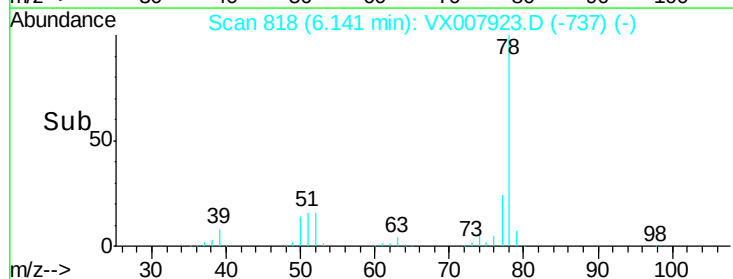
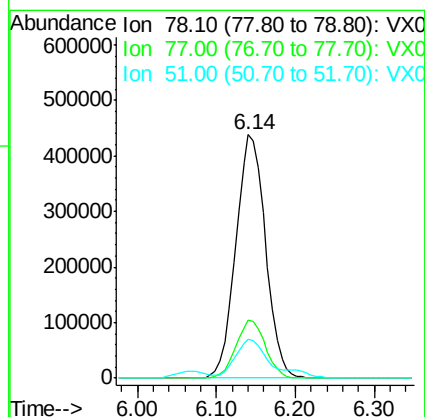
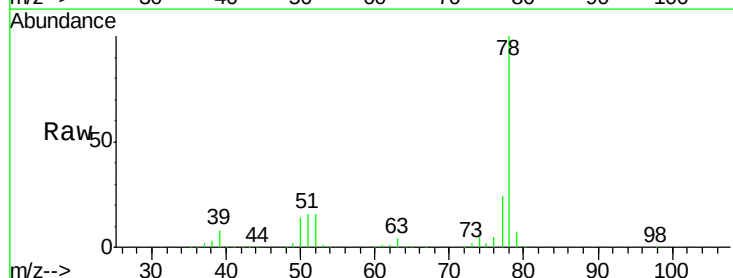
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

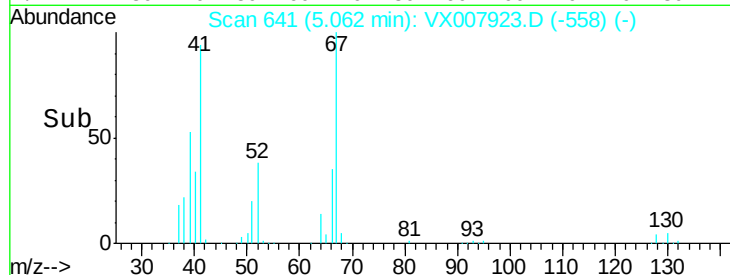
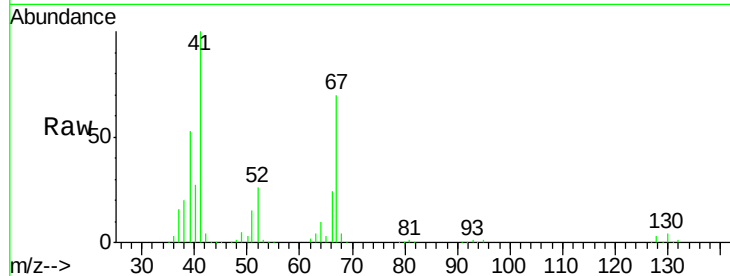
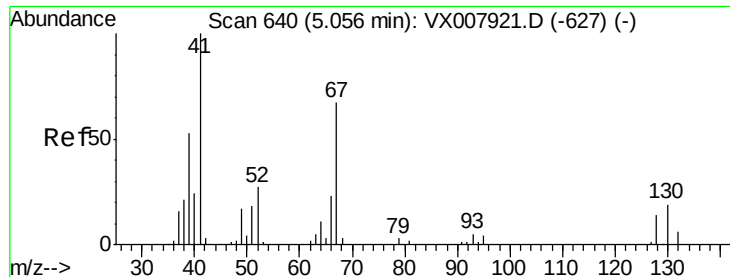
Tot Ion:117 Resp: 372539
Ion Ratio Lower Upper
117 100
119 95.3 78.1 117.1
121 30.5 27.0 40.6



#34
Benzene
Concen: 98.483 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 78 Resp: 1147275
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 16.0 10.8 16.2

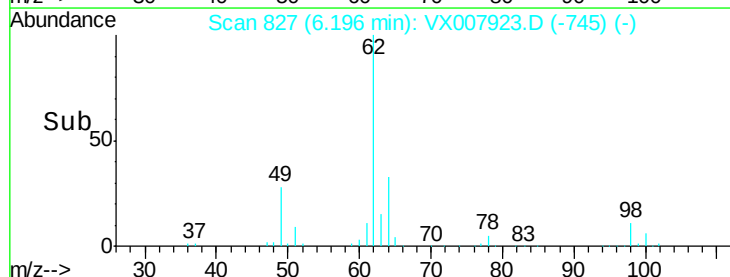
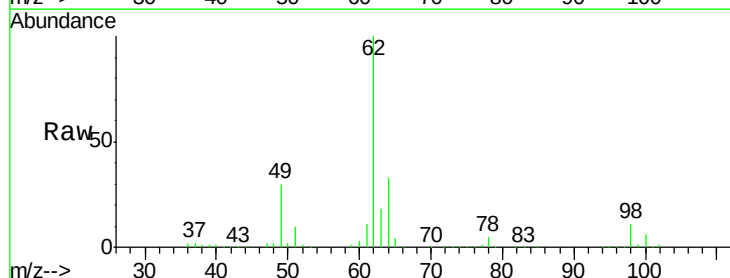
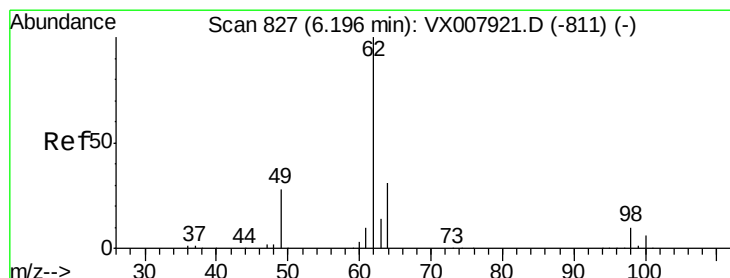
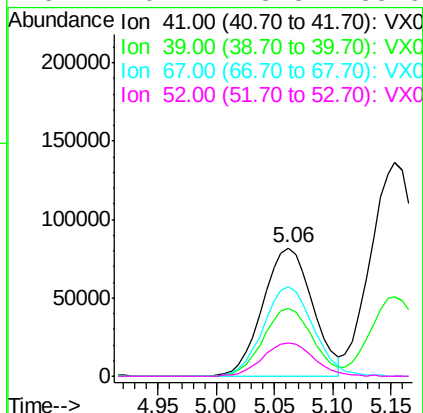




#35
Methacrylonitrile
Concen: 97.091 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

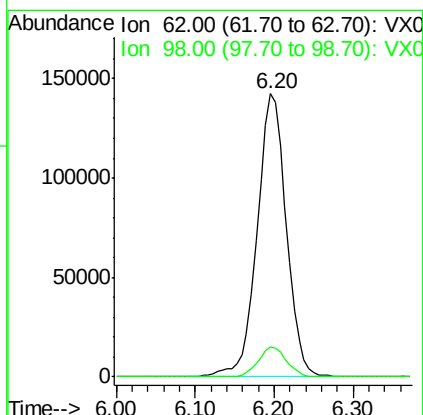
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

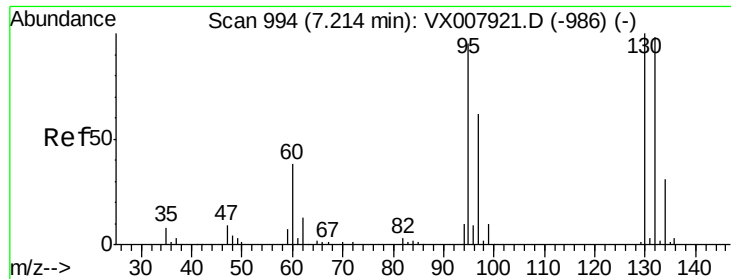
Tot Ion: 41 Resp: 242569
Ion Ratio Lower Upper
41 100
39 52.6 27.4 82.0
67 70.0 37.9 113.6
52 26.2 13.3 39.9



#36
1,2-Dichloroethane
Concen: 96.637 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 62 Resp: 366257
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.8

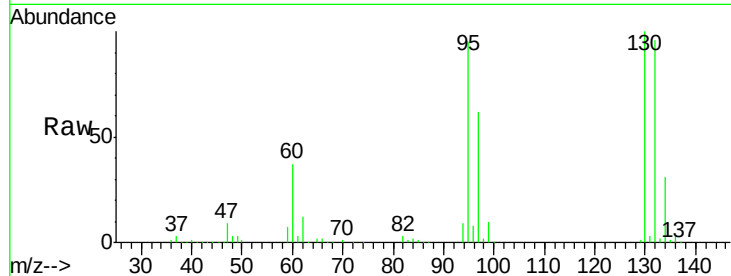




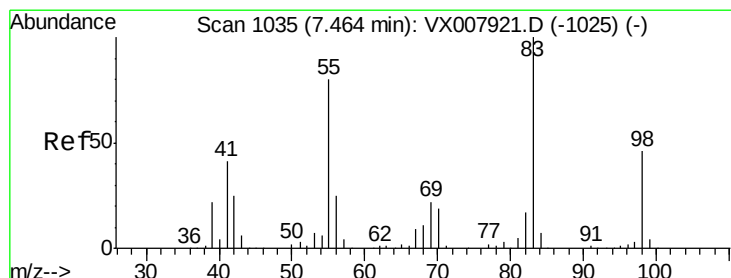
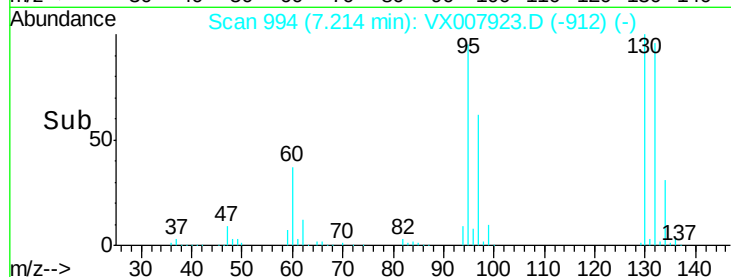
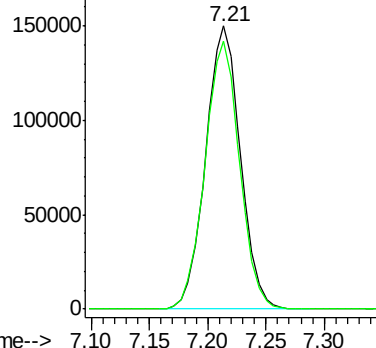
#37
 Trichloroethene
 Concen: 98.804 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:130 Resp: 311849
 Ion Ratio Lower Upper
 130 100
 95 94.7 71.3 106.9

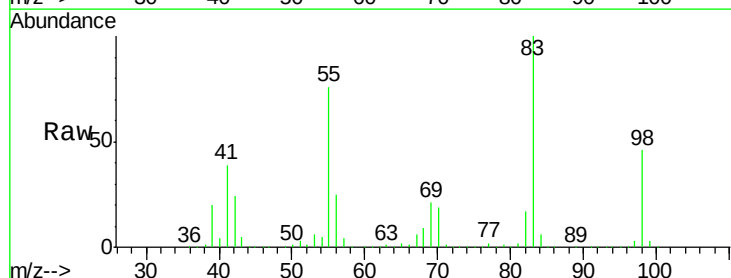


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

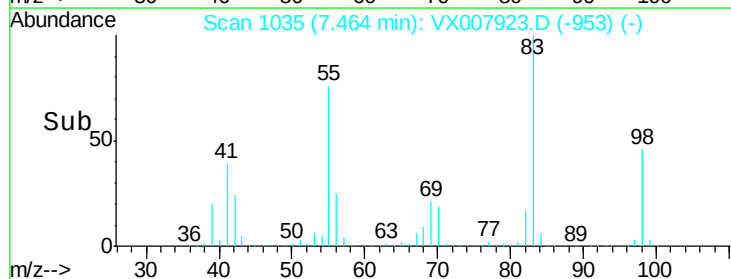
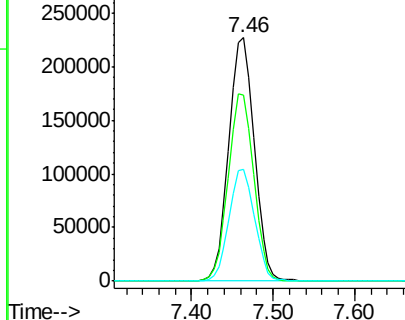


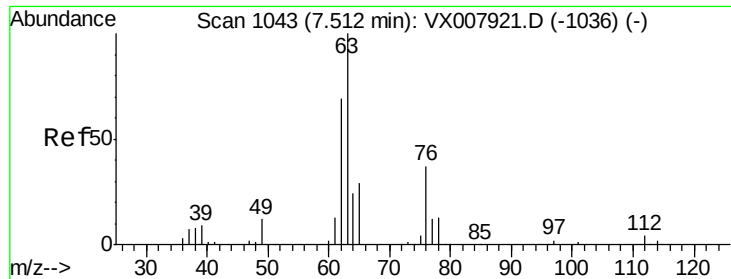
#38
 Methylcyclohexane
 Concen: 101.330 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 83 Resp: 489722
 Ion Ratio Lower Upper
 83 100
 55 76.8 36.0 108.0
 98 46.2 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

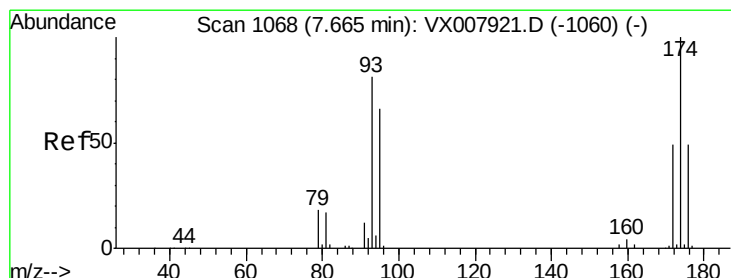
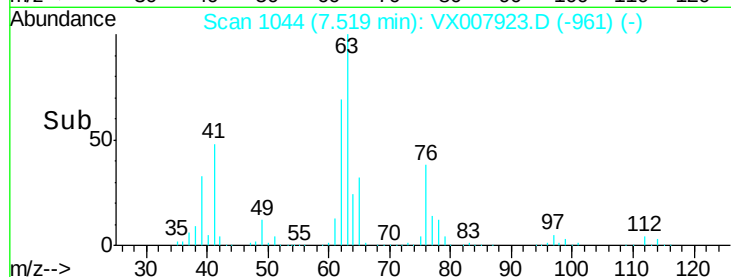
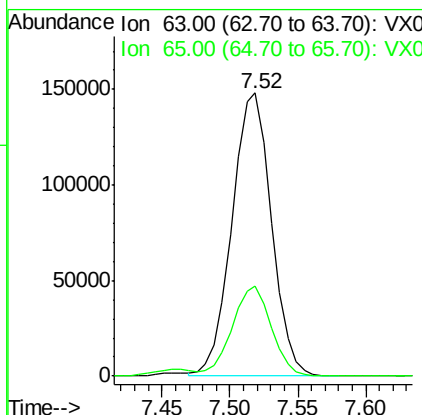
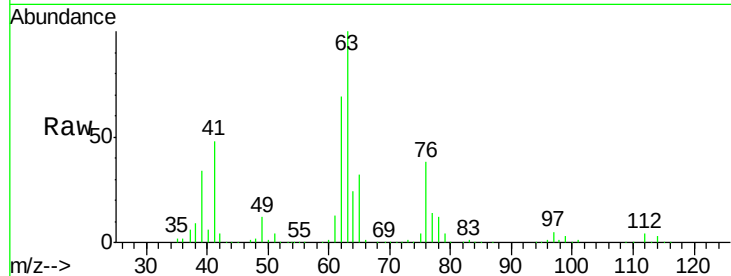




#39
 1,2-Dichloropropane
 Concen: 98.537 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

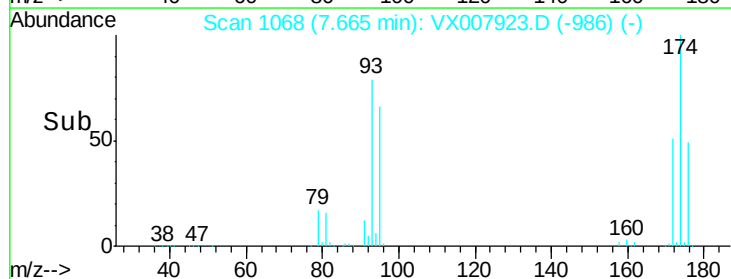
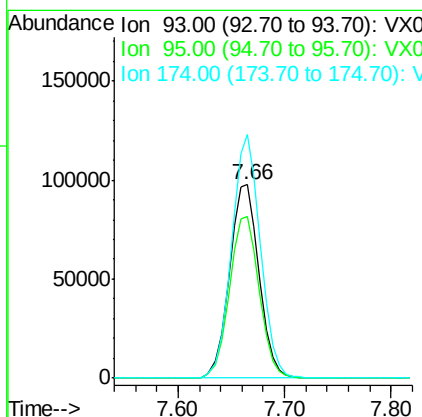
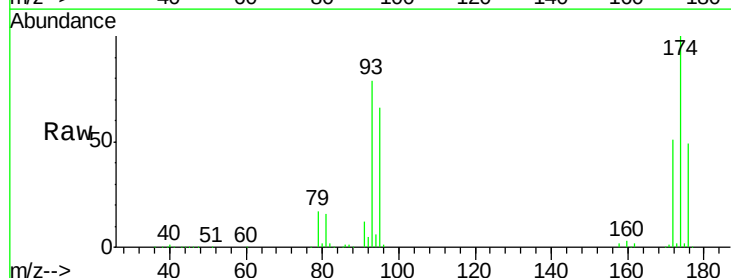
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

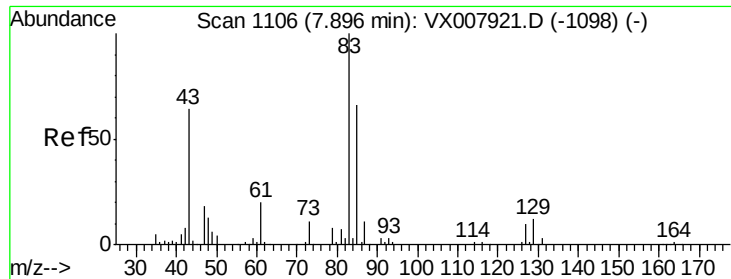
Tot Ion: 63 Resp: 299362
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 37.0



#40
 Dibromomethane
 Concen: 98.496 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 93 Resp: 189809
 Ion Ratio Lower Upper
 93 100
 95 84.3 0.0 158.8
 174 122.4 0.0 224.2





#41

Bromodichloromethane

Concen: 101.794 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

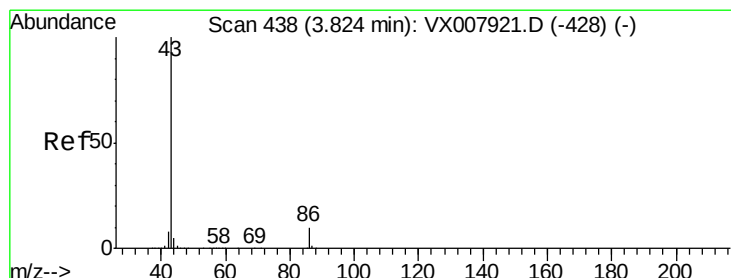
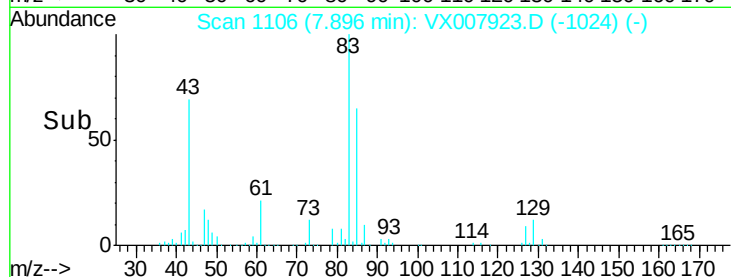
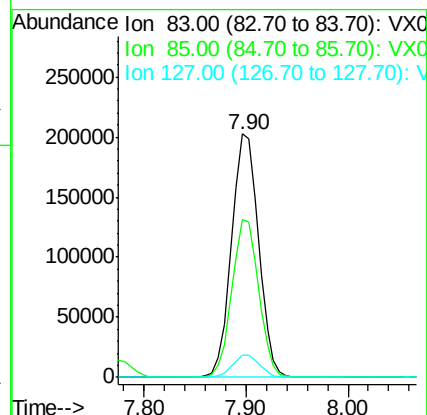
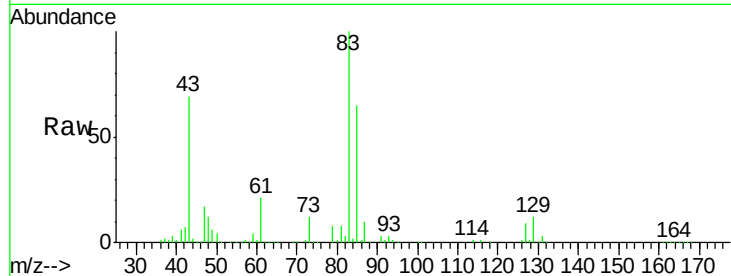
Tot Ion: 83 Resp: 370789

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

127 9.1 7.2 10.8



#42

Vinyl Acetate

Concen: 501.727 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007923.D

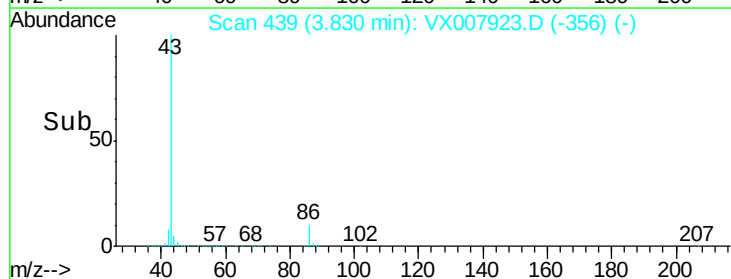
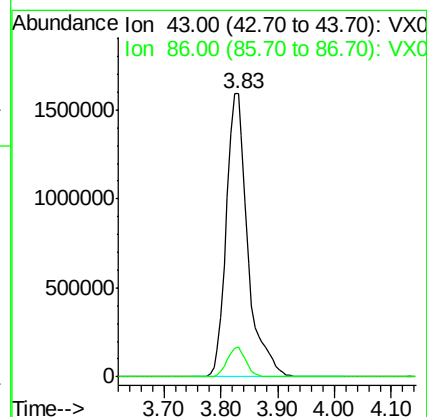
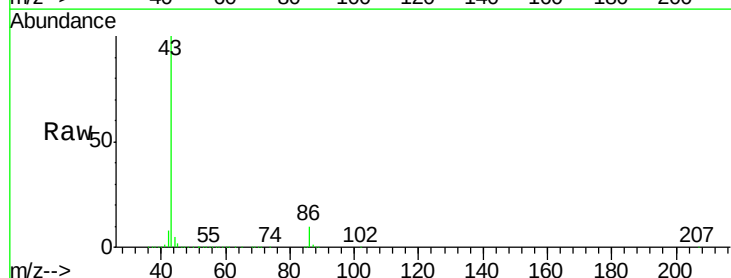
Acq: 08 Mar 2019 11:13

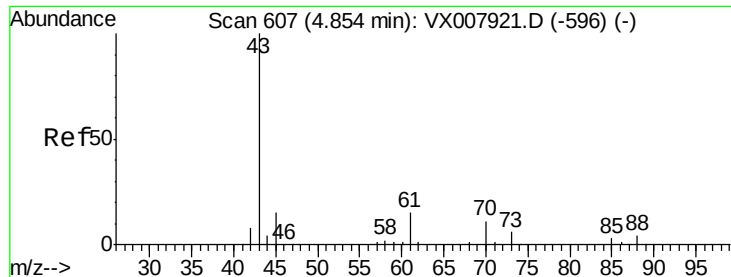
Tgt Ion: 43 Resp: 4163966

Ion Ratio Lower Upper

43 100

86 9.2 8.2 12.2

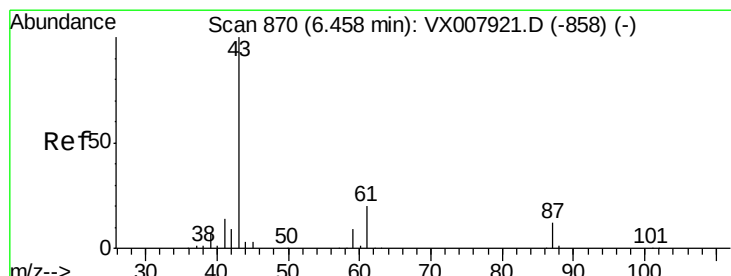
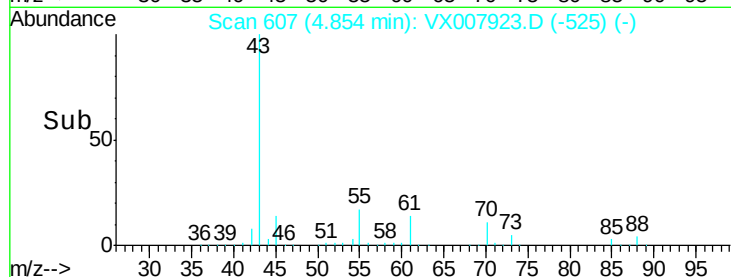
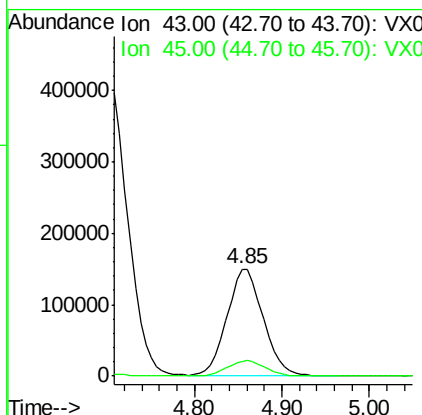
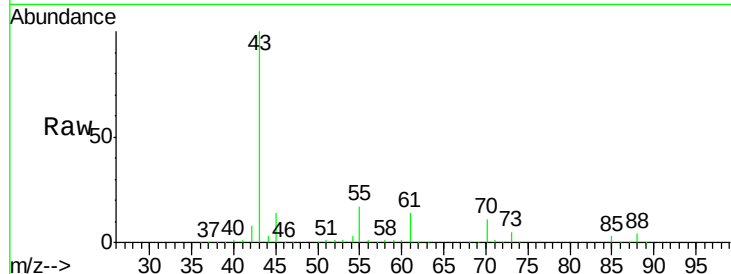




#43
Ethyl Acetate
Concen: 97.380 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

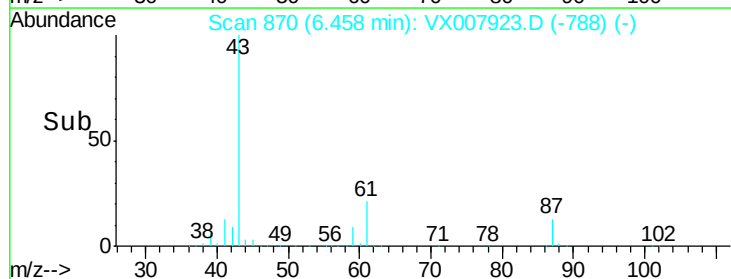
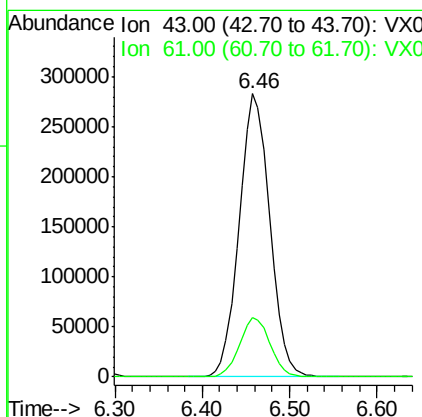
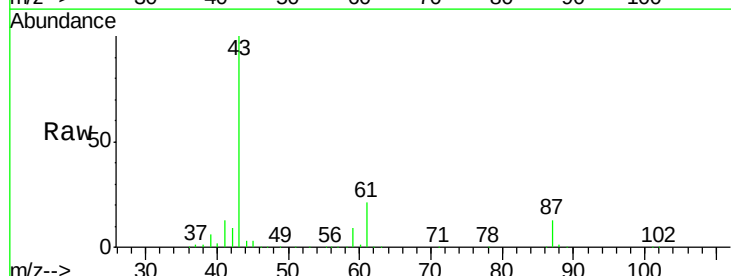
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

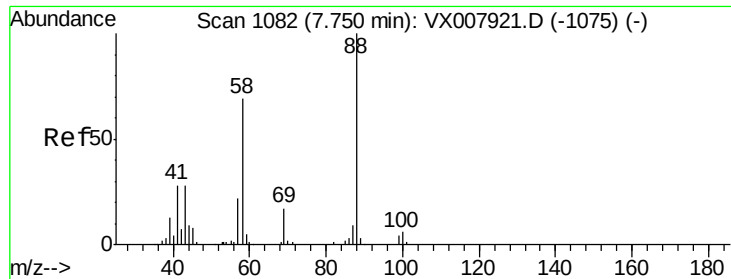
Tot Ion: 43 Resp: 434881
Ion Ratio Lower Upper
43 100
45 15.1 6.9 10.3#



#44
Isopropyl Acetate
Concen: 100.837 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 43 Resp: 687105
Ion Ratio Lower Upper
43 100
61 20.9 16.1 24.1





#45

1,4-Dioxane

Concen: 1932.237 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

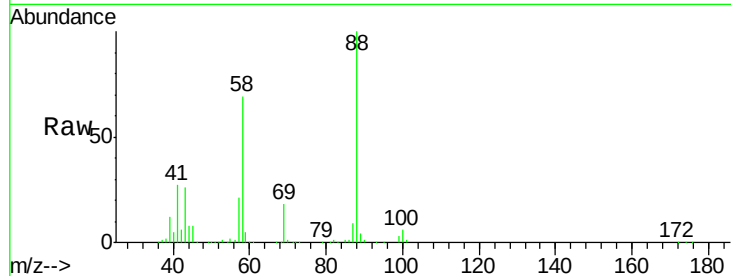
Tot Ion: 88 Resp: 137750

Ion Ratio Lower Upper

88 100

43 30.6 23.6 35.4

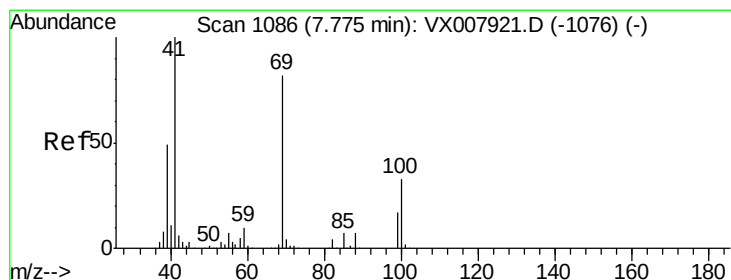
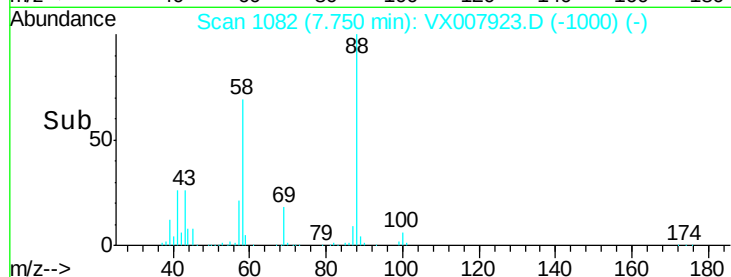
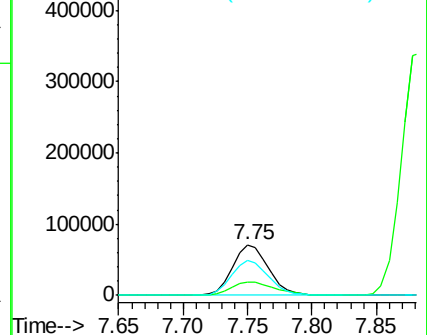
58 71.7 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 99.854 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

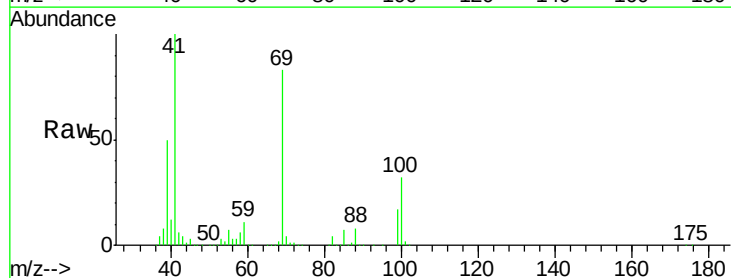
Tgt Ion: 41 Resp: 357844

Ion Ratio Lower Upper

41 100

69 83.1 44.2 132.6

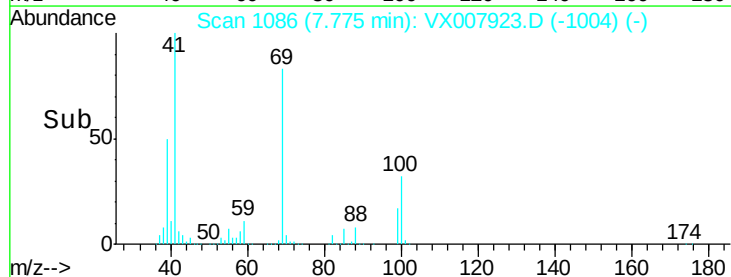
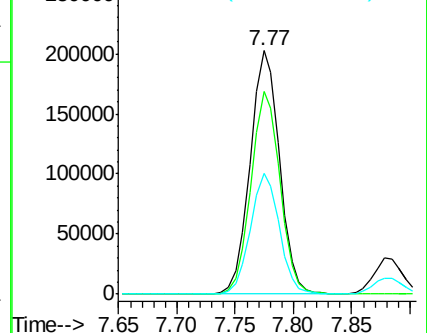
39 49.5 29.9 89.8

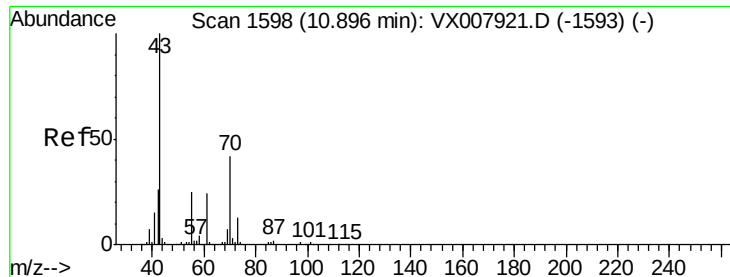


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 98.822 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampled :

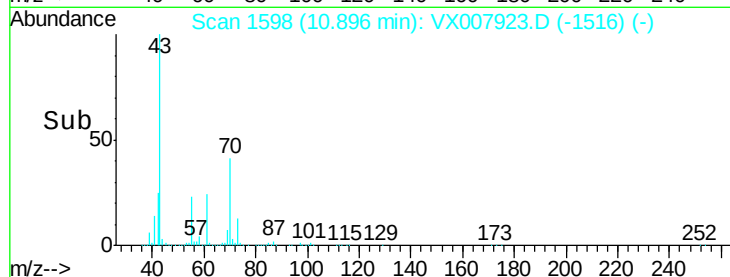
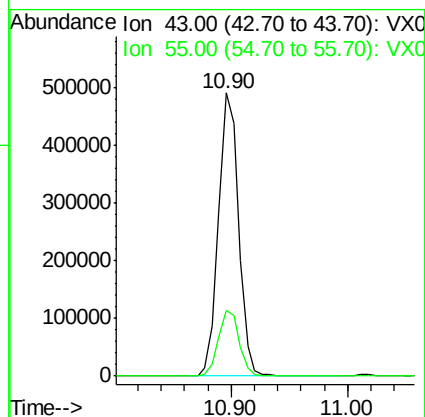
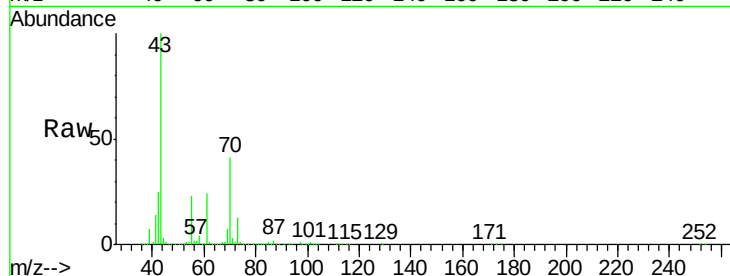
VSTDICC100

Tot Ion: 43 Resp: 580199

Ion Ratio Lower Upper

43 100

55 23.9 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 107.485 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007923.D

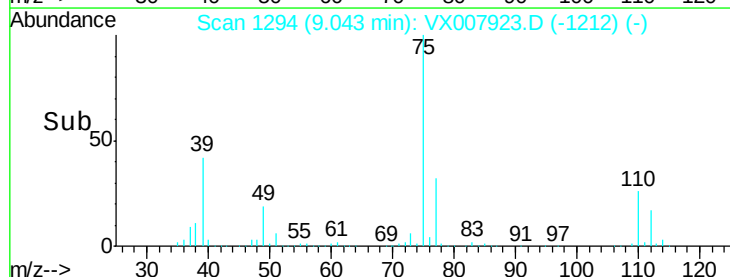
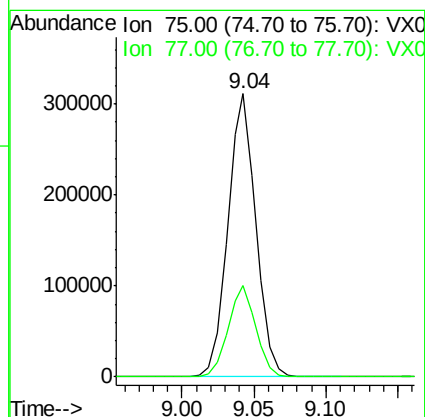
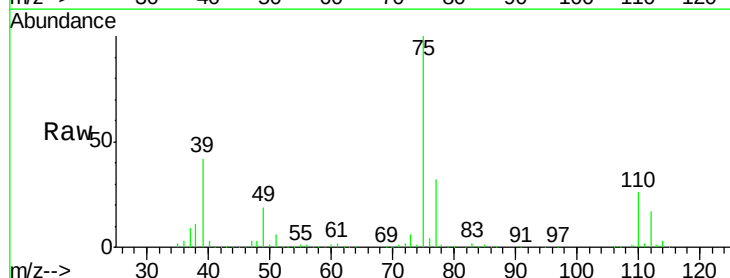
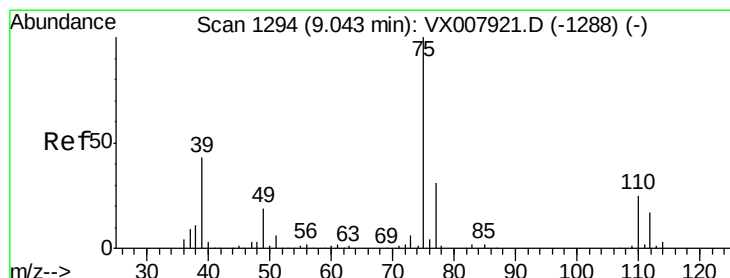
Acq: 08 Mar 2019 11:13

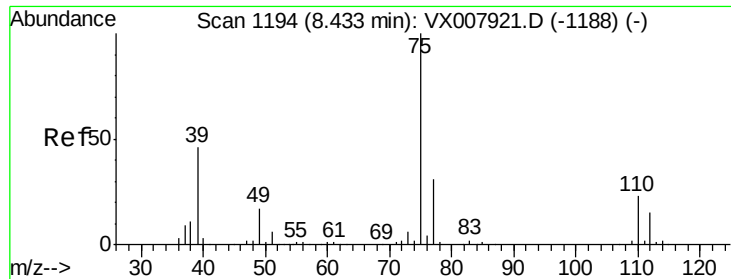
Tgt Ion: 75 Resp: 424026

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7



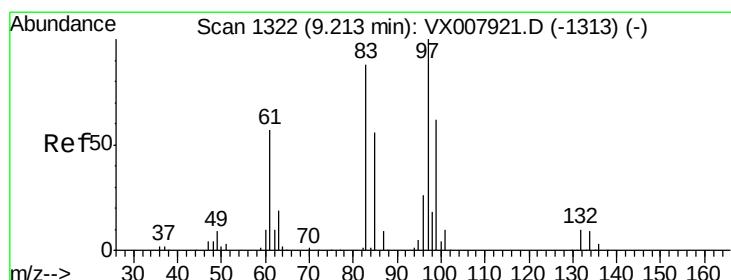
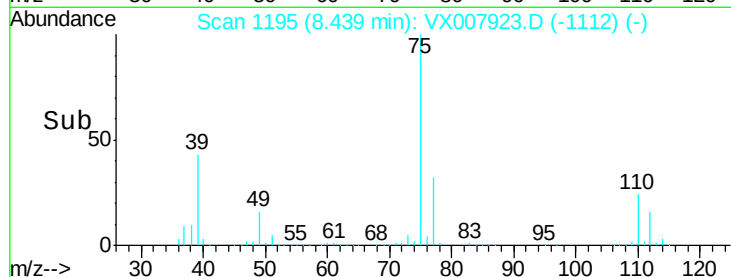
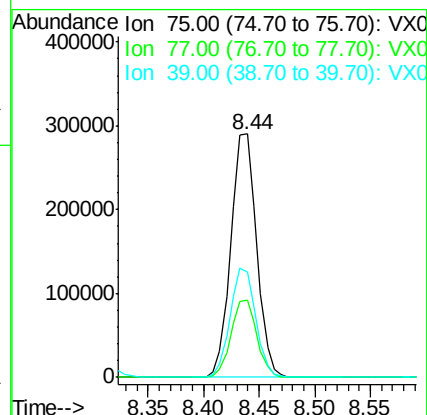
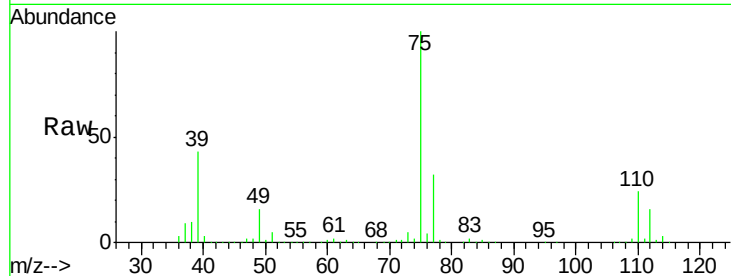


#49

cis-1,3-Dichloropropene
 Concen: 104.547 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

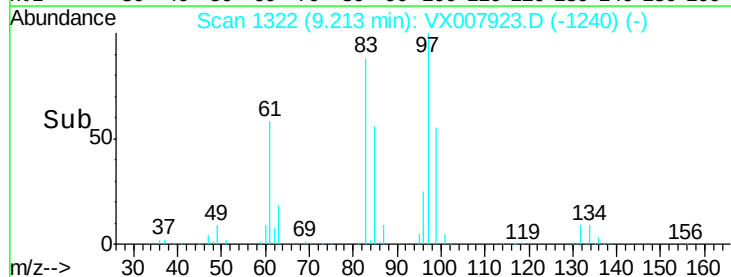
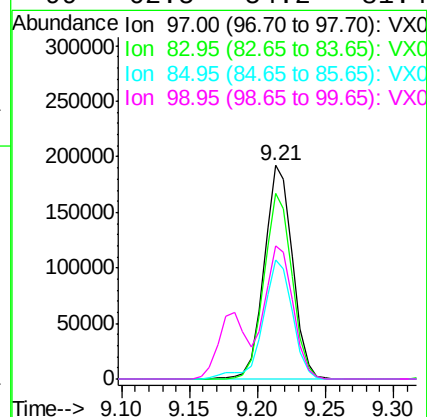
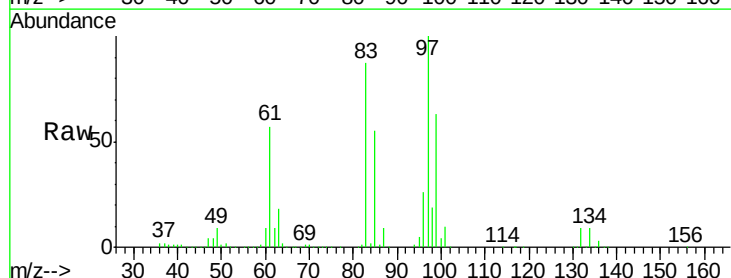
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	43.0	38.5	57.7

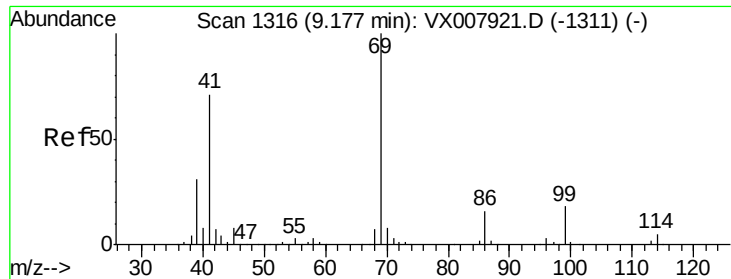


#50

1,1,2-Trichloroethane
 Concen: 96.144 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	72.0	108.0
85	55.5	45.0	67.6
99	62.5	54.2	81.4

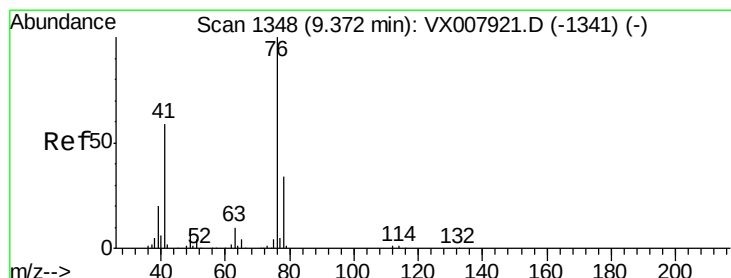
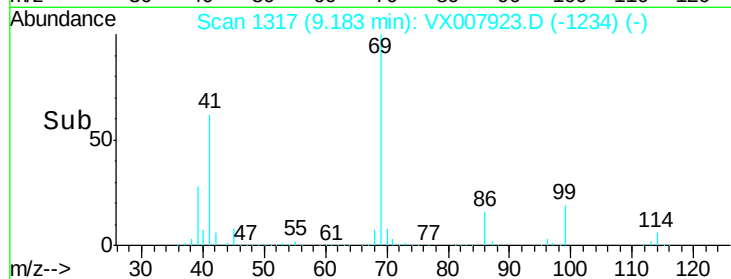
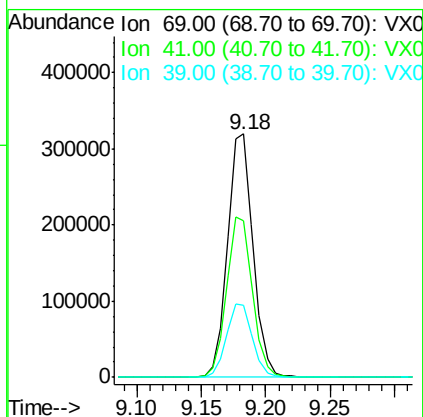
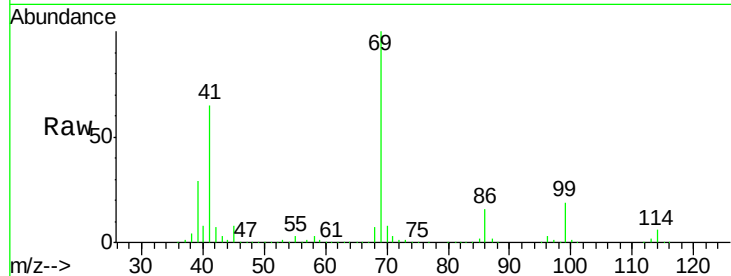




#51
Ethyl methacrylate
Concen: 100.191 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

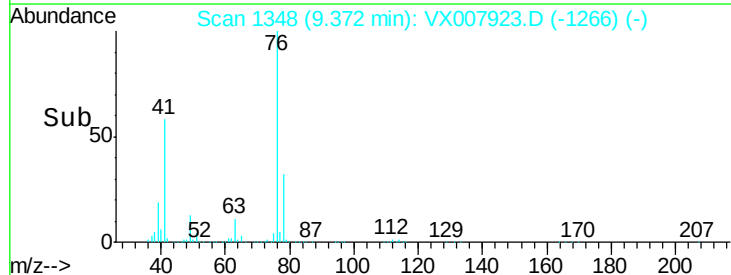
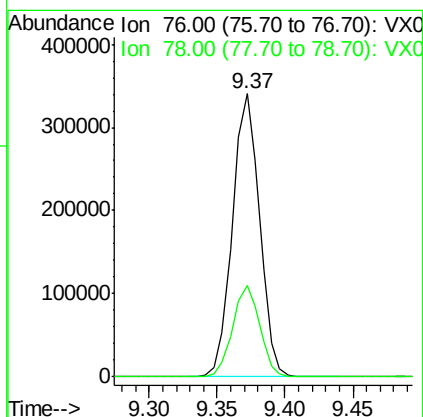
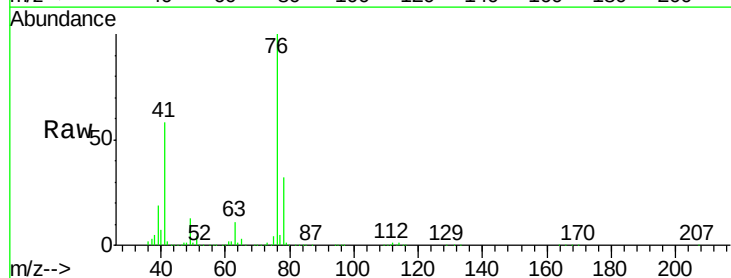
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

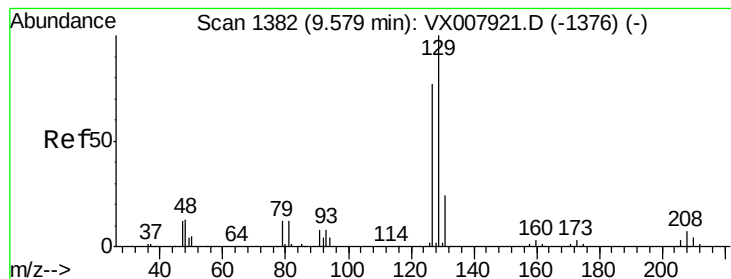
Tot Ion: 69 Resp: 446318
Ion Ratio Lower Upper
69 100
41 64.5 32.1 96.5
39 29.4 18.8 56.3



#52
1,3-Dichloropropane
Concen: 97.634 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 76 Resp: 473866
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.2





#53

Dibromochloromethane

Concen: 103.083 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

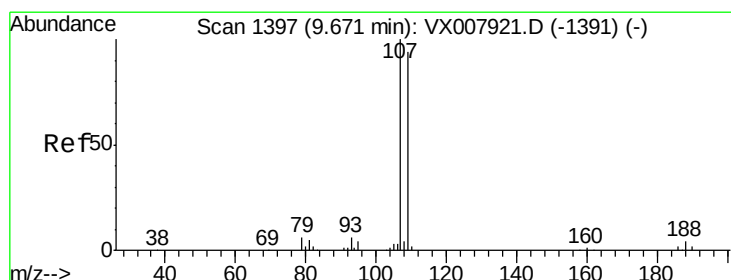
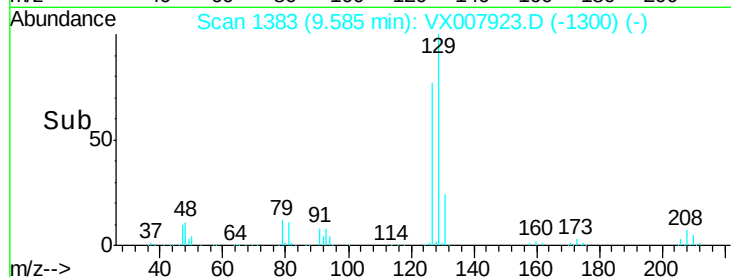
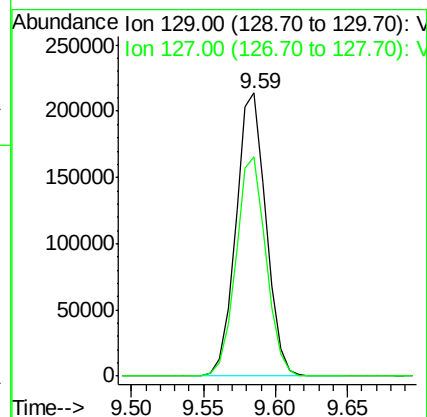
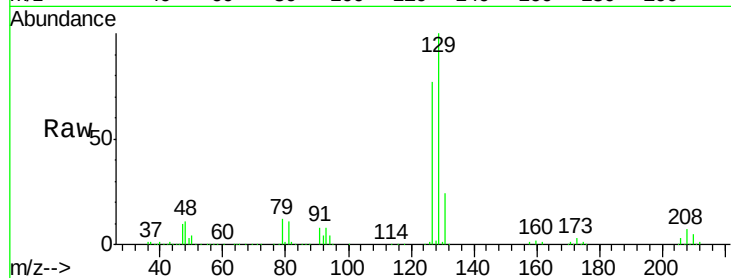
VSTDIC100

Tot Ion:129 Resp: 311461

Ion Ratio Lower Upper

129 100

127 77.0 38.4 115.2



#54

1,2-Dibromoethane

Concen: 98.225 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007923.D

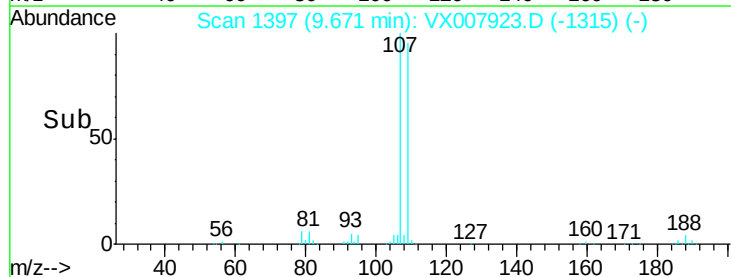
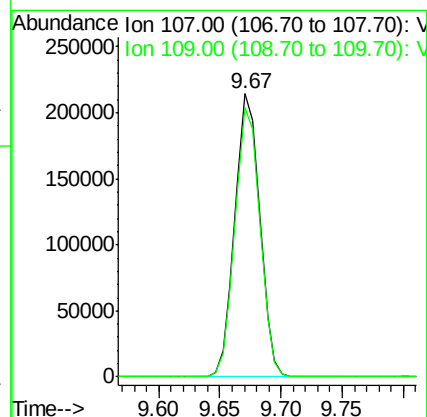
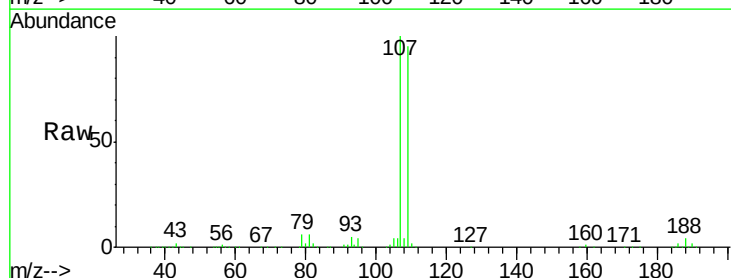
Acq: 08 Mar 2019 11:13

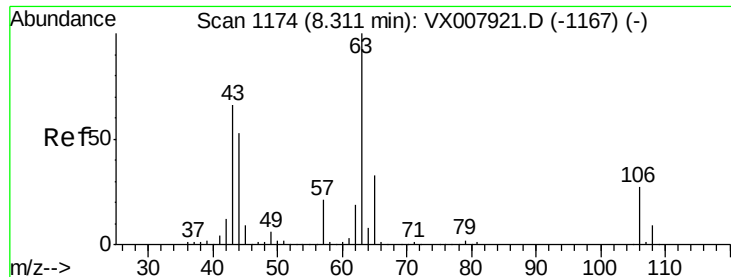
Tgt Ion:107 Resp: 301638

Ion Ratio Lower Upper

107 100

109 95.5 76.6 115.0

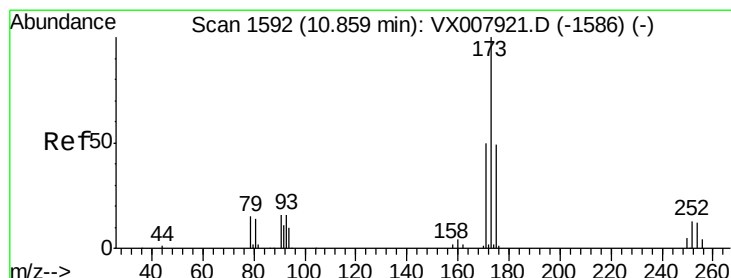
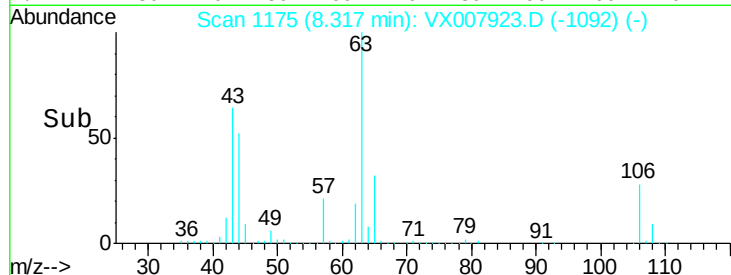
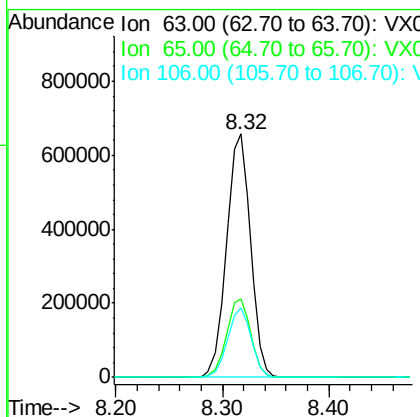
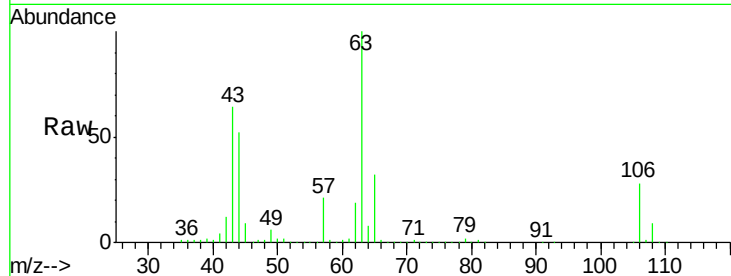




#55
 2-Chloroethyl vinyl ether
 Concen: 501.252 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

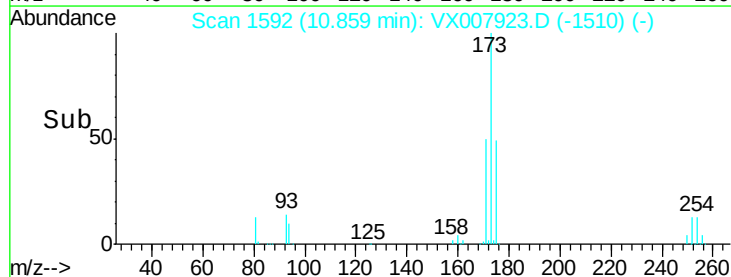
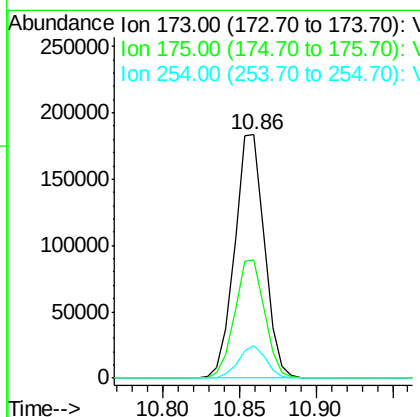
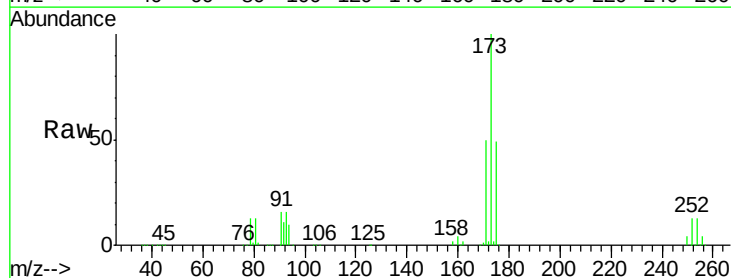
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

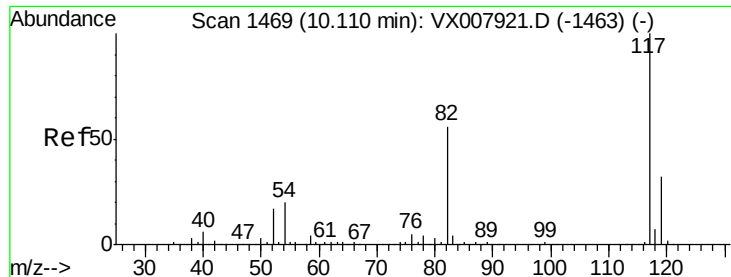
Tot Ion: 63 Resp: 1038544
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.7 38.5
 106 28.1 23.7 35.5



#56
 Bromoform
 Concen: 102.641 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 173 Resp: 247371
 Ion Ratio Lower Upper
 173 100
 175 48.9 38.5 57.7
 254 12.4 7.4 11.2#

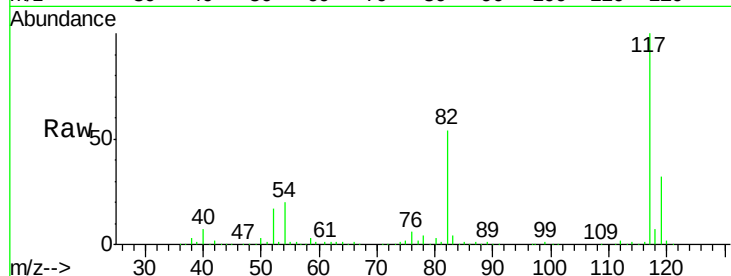




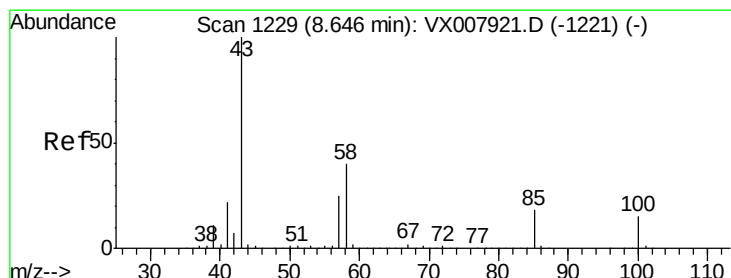
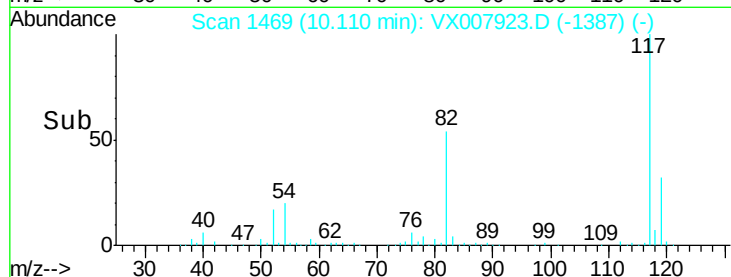
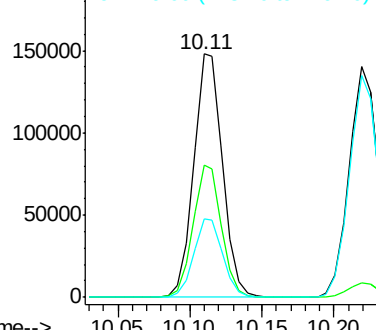
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 207932
Ion Ratio Lower Upper
117 100
82 53.7 40.4 60.6
119 32.3 25.8 38.6

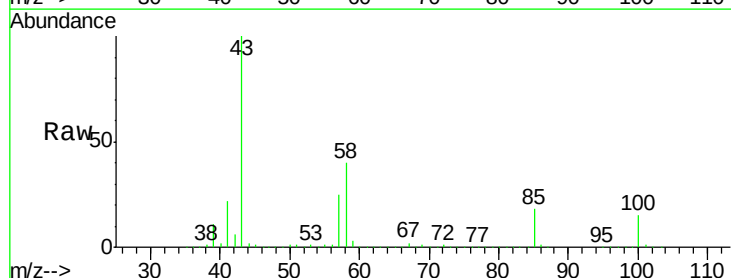


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

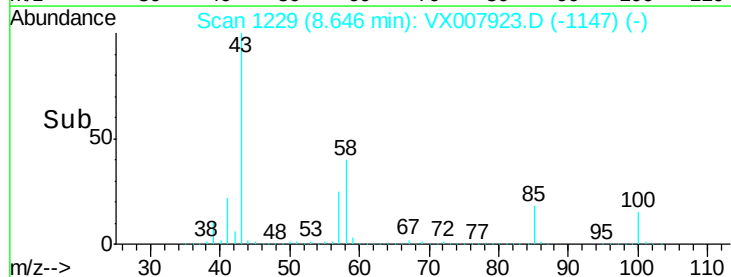
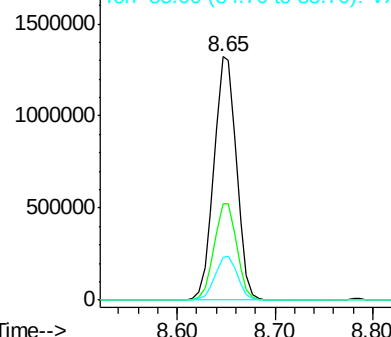


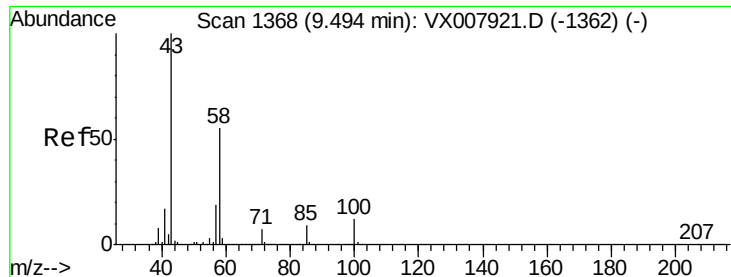
#58
4-Methyl-2-Pentanone
Concen: 492.262 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 43 Resp: 2107380
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.0
85 18.0 15.0 22.6



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

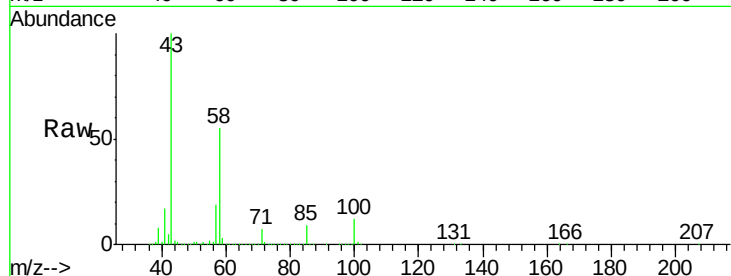




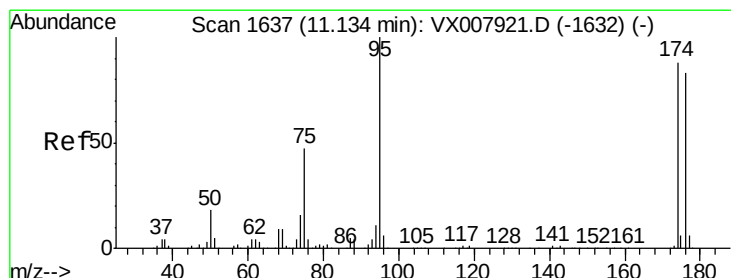
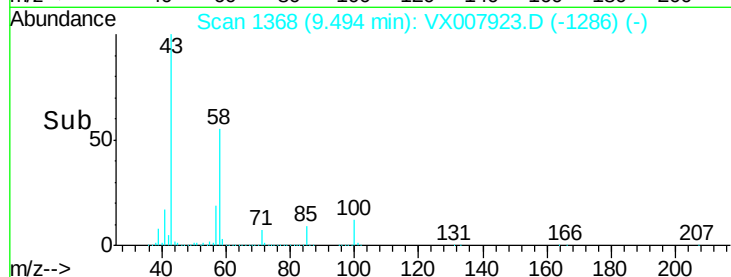
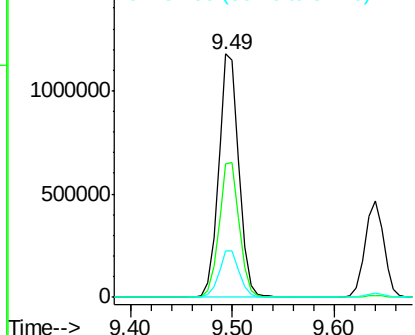
#59
2-Hexanone
Concen: 481.883 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1628440
Ion Ratio Lower Upper
43 100
58 55.7 43.9 65.9
57 19.3 14.9 22.3

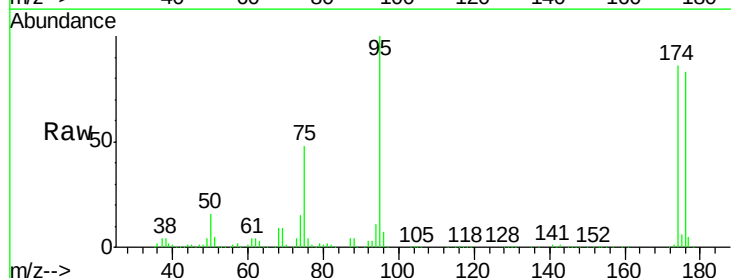


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

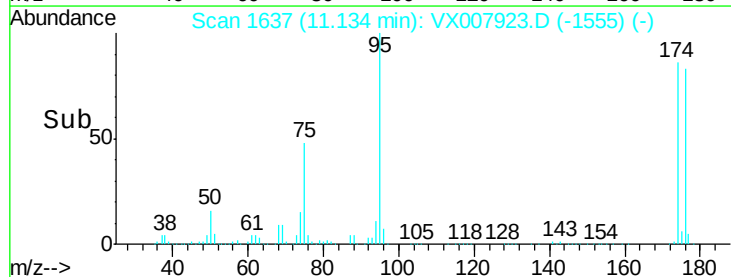
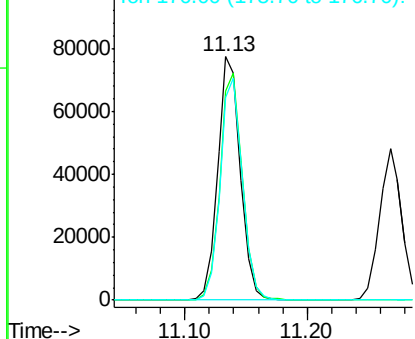


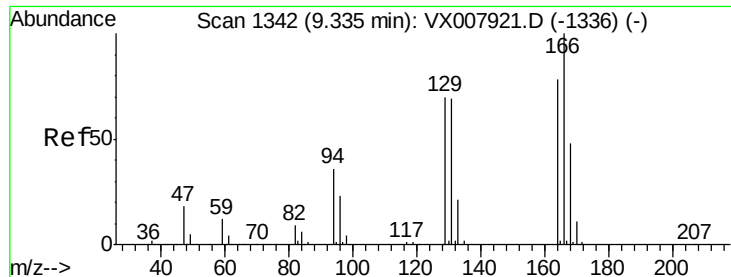
#60
4-Bromofluorobenzene
Concen: 30.018 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 95 Resp: 99625
Ion Ratio Lower Upper
95 100
174 92.0 74.9 112.3
176 90.0 70.7 106.1



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 96.962 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 294105

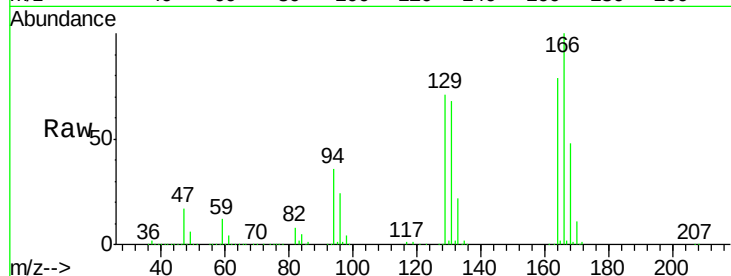
Ion Ratio Lower Upper

164 100

166 126.7 103.9 155.9

129 89.6 74.7 112.1

131 86.5 71.7 107.5

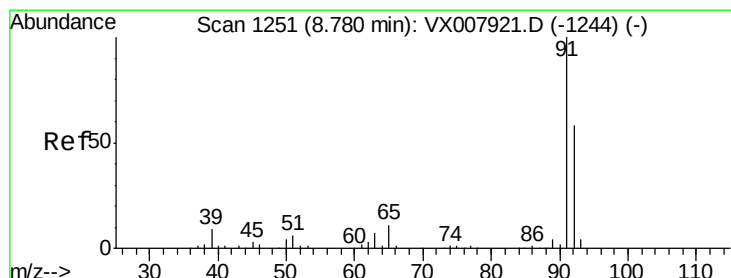
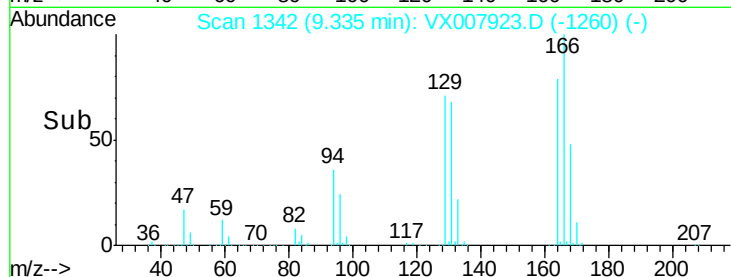
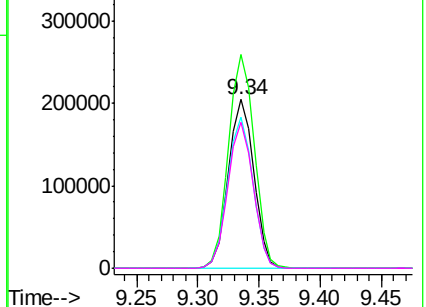


Abundance Ion 163.85 (163.55 to 164.55): V

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



#62

Toluene

Concen: 100.278 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007923.D

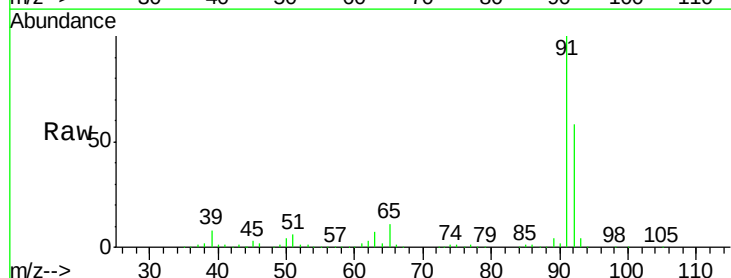
Acq: 08 Mar 2019 11:13

Tgt Ion: 91 Resp: 1217543

Ion Ratio Lower Upper

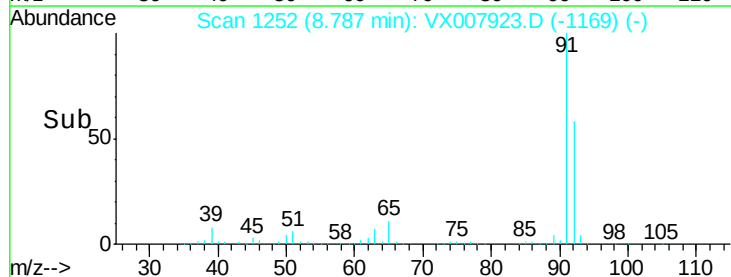
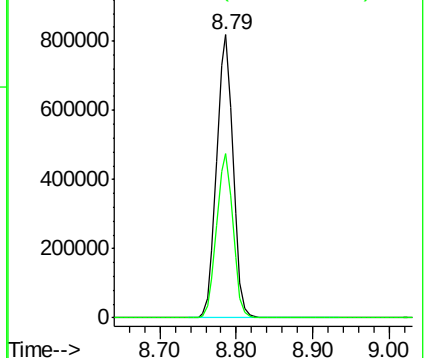
91 100

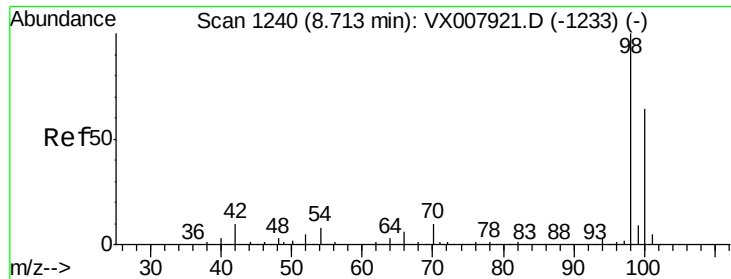
92 58.1 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

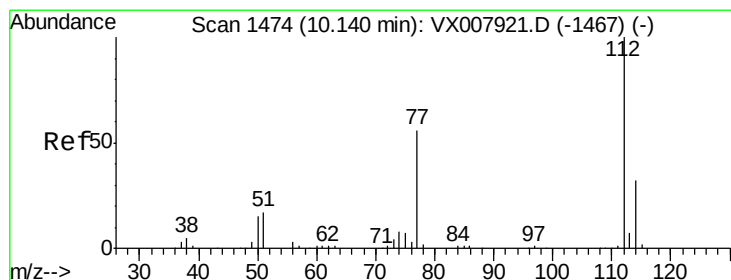
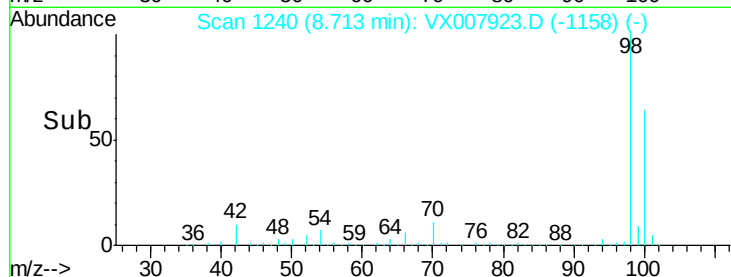
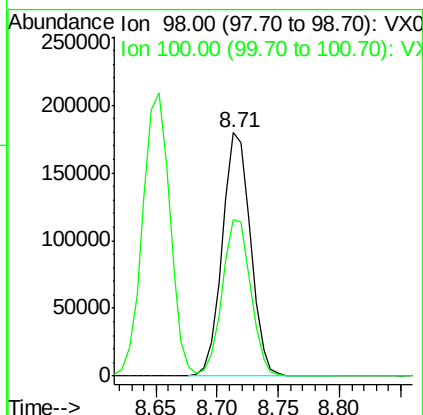
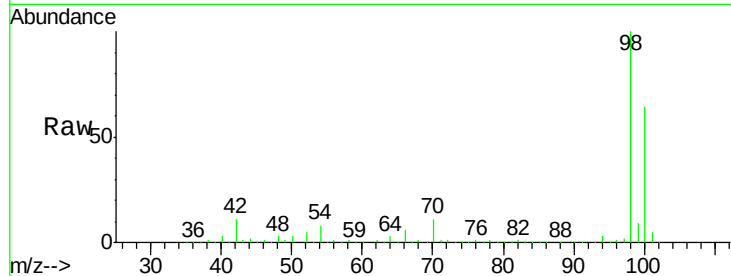




#63
Toluene-d8
Concen: 30.194 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

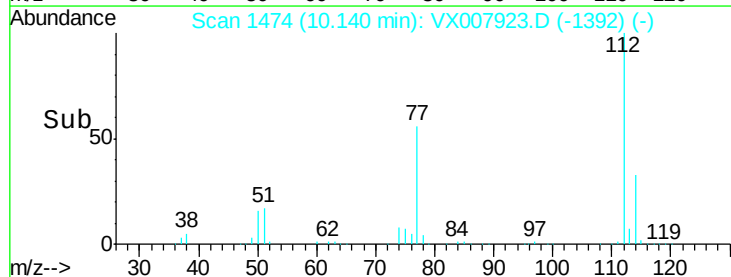
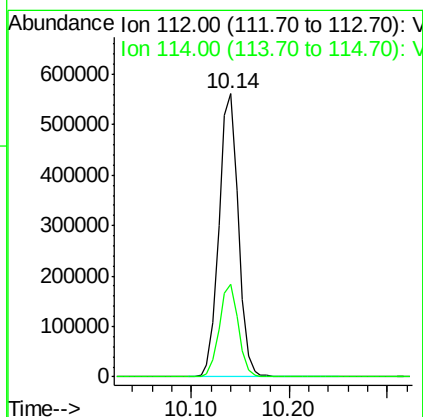
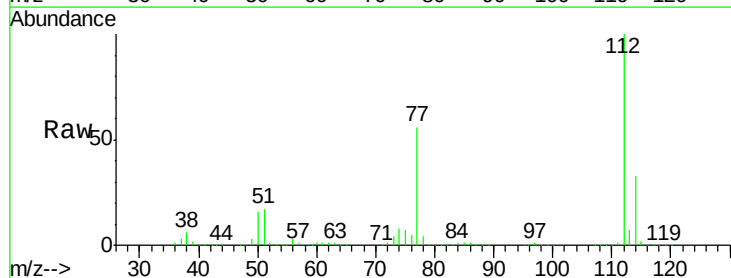
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

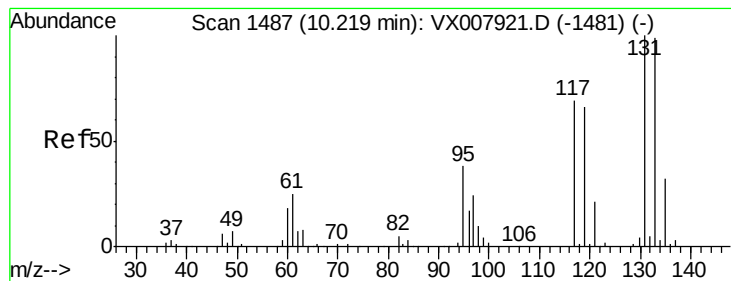
Tot Ion: 98 Resp: 287325
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



#64
Chlorobenzene
Concen: 99.465 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 112 Resp: 769704
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 103.065 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

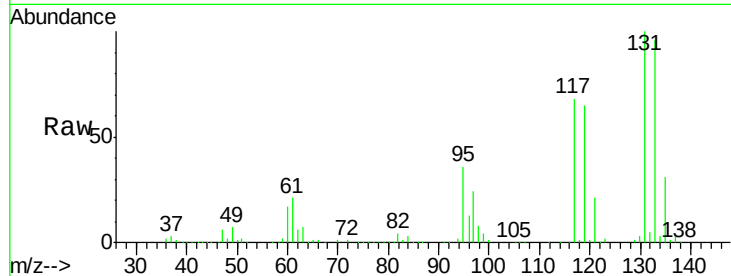
Tot Ion:131 Resp: 285555

Ion Ratio Lower Upper

131 100

133 96.0 0.0 191.6

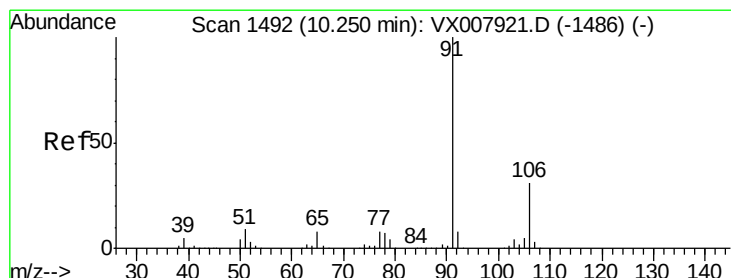
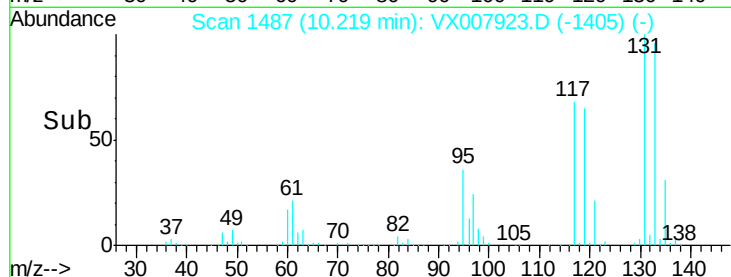
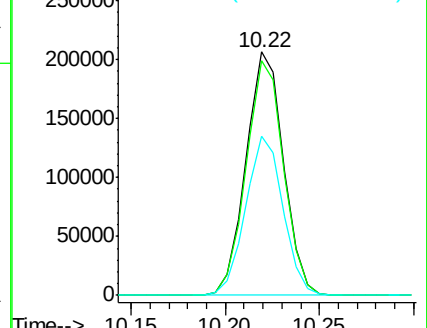
119 65.0 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 101.361 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007923.D

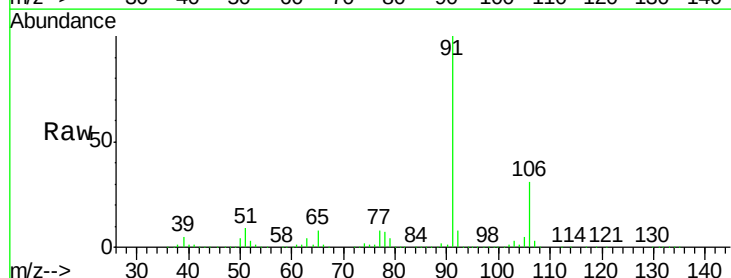
Acq: 08 Mar 2019 11:13

Tgt Ion: 91 Resp: 1321902

Ion Ratio Lower Upper

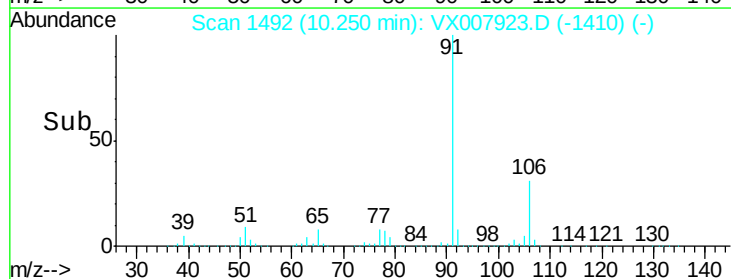
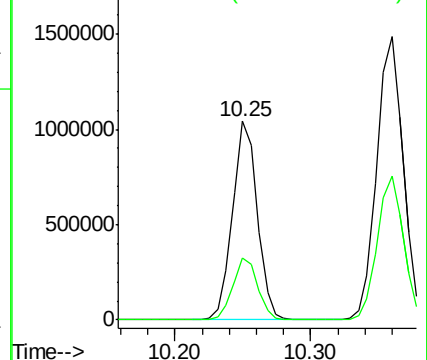
91 100

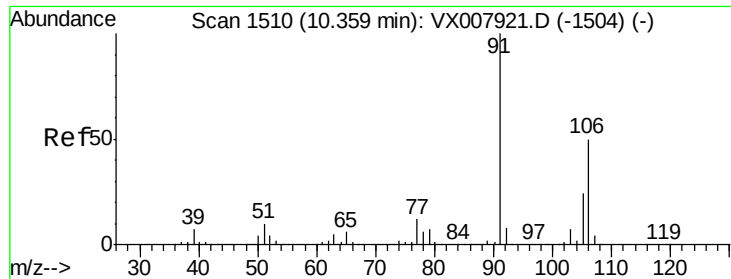
106 31.3 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

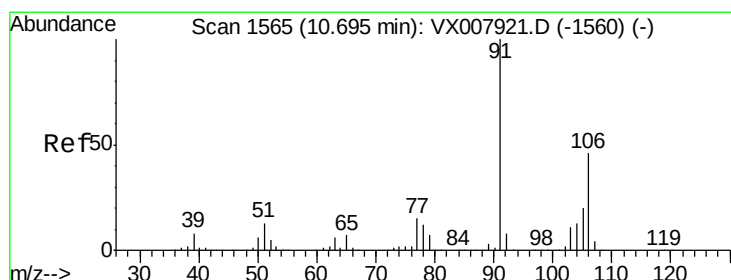
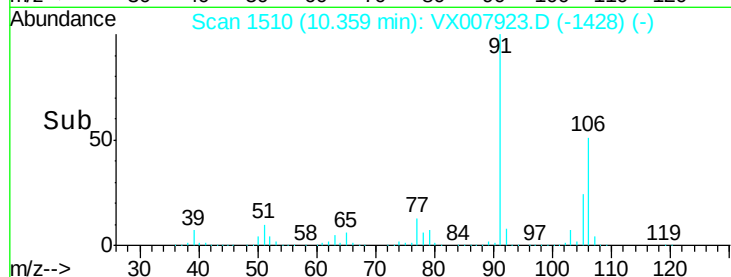
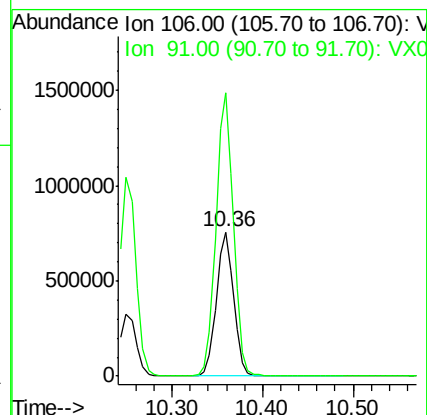
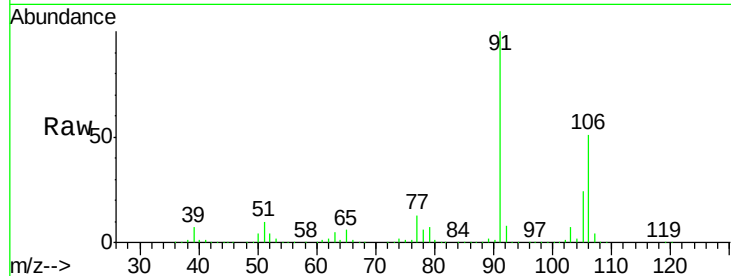




#67
m/p-Xylenes
Concen: 202.289 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

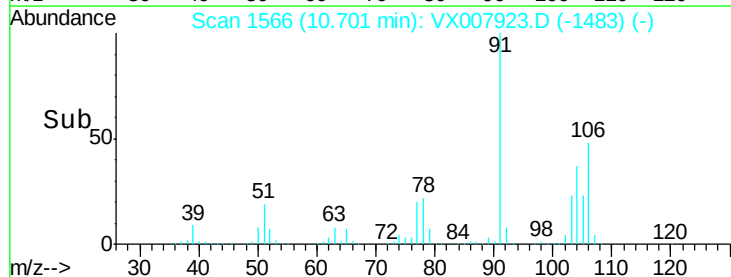
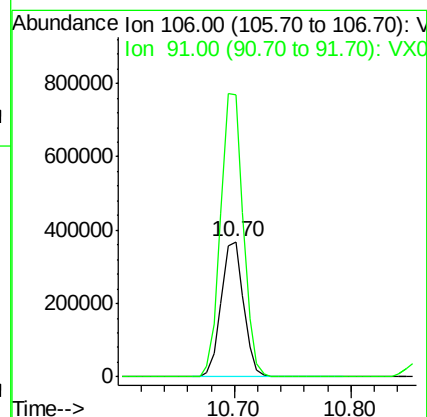
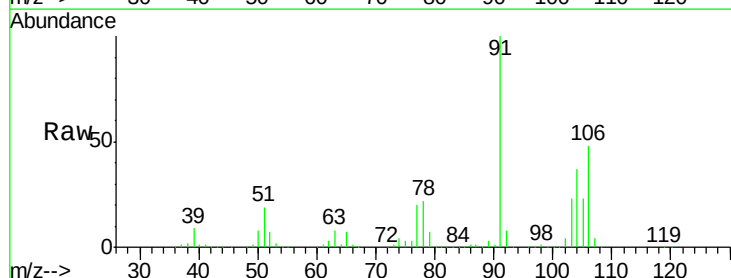
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

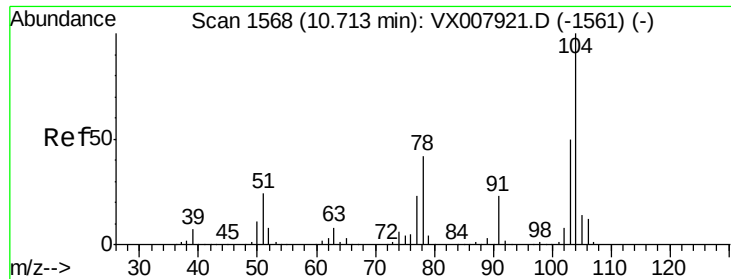
Tot Ion:106 Resp: 1011585
Ion Ratio Lower Upper
106 100
91 199.0 157.0 235.4



#68
o-Xylene
Concen: 100.289 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion:106 Resp: 486992
Ion Ratio Lower Upper
106 100
91 211.7 104.4 313.2

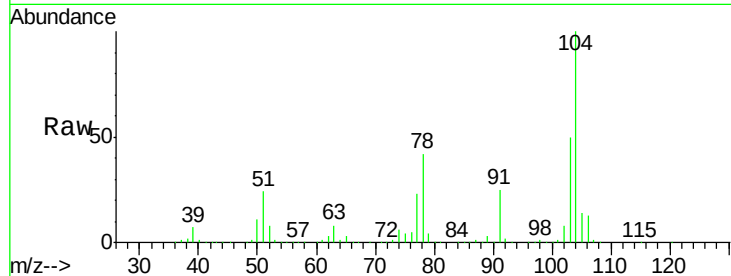




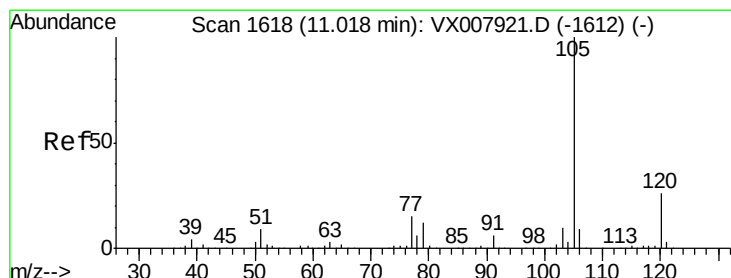
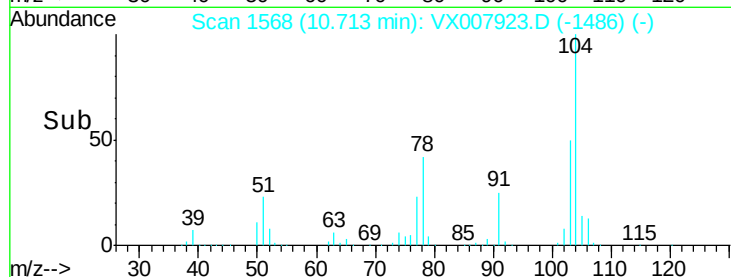
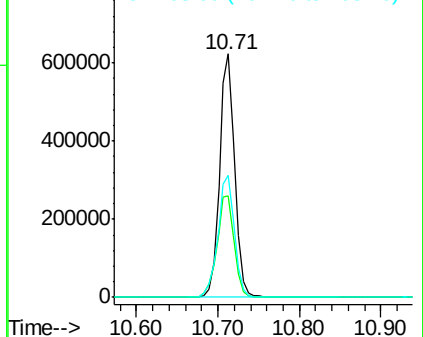
#69
Stvrene
Concen: 101.049 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion:104 Resp: 808490
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.2
103 55.4 45.0 67.4

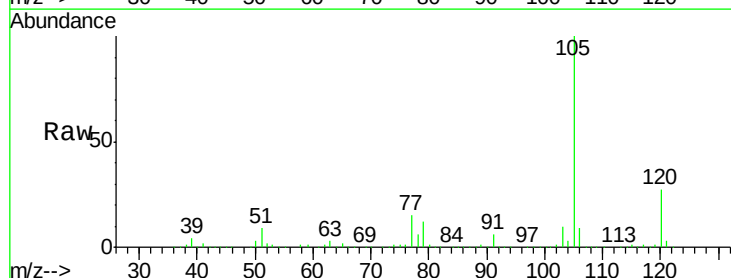


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

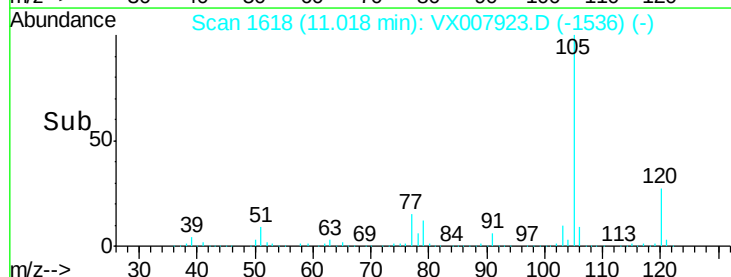
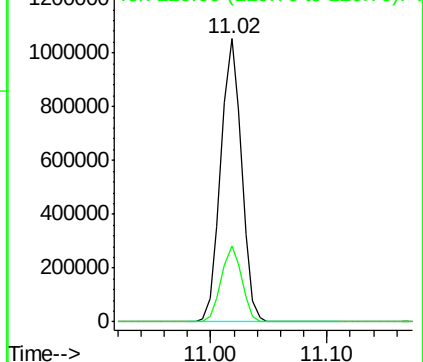


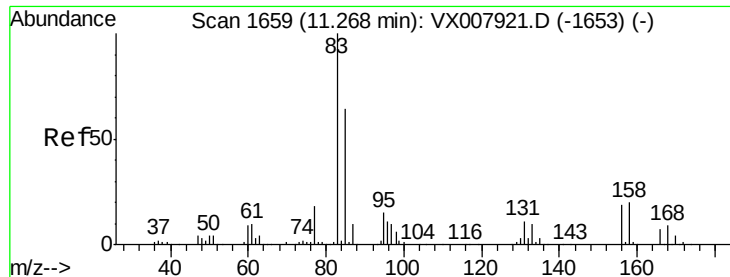
#70
Isopropylbenzene
Concen: 99.955 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion:105 Resp: 1296955
Ion Ratio Lower Upper
105 100
120 26.7 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

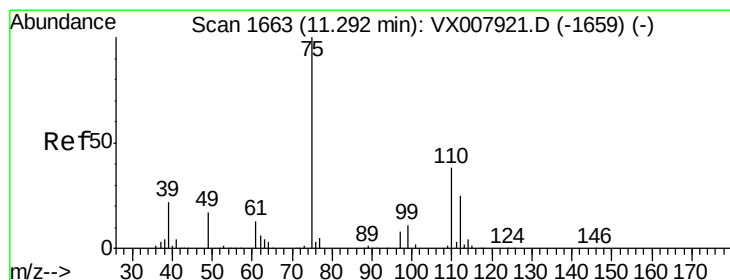
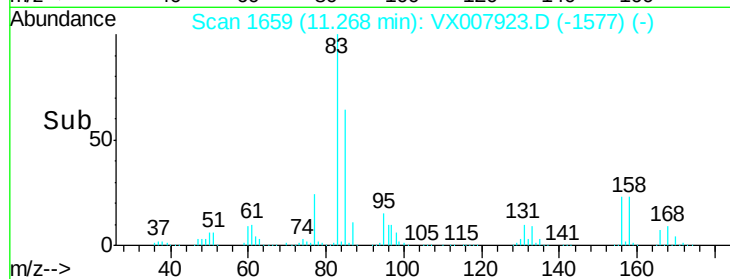
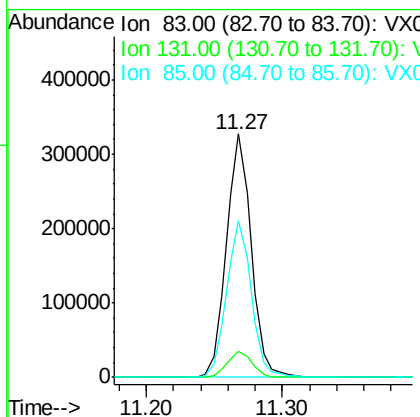
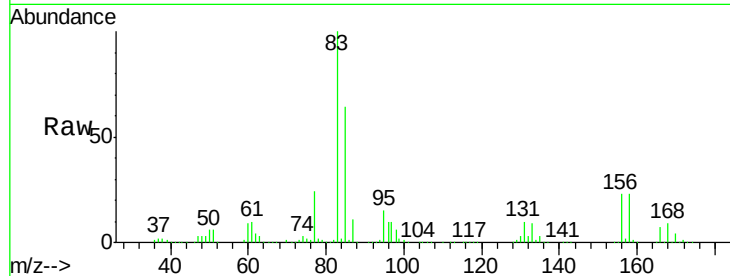




#71
 1,1,2,2-Tetrachloroethane
 Concen: 96.865 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

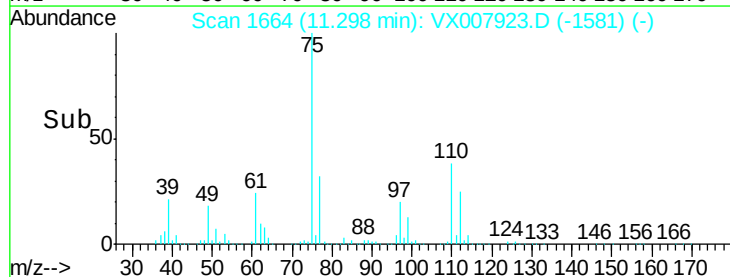
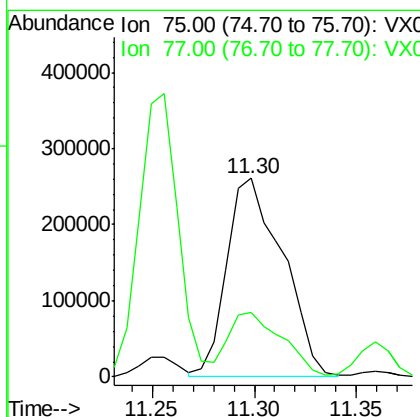
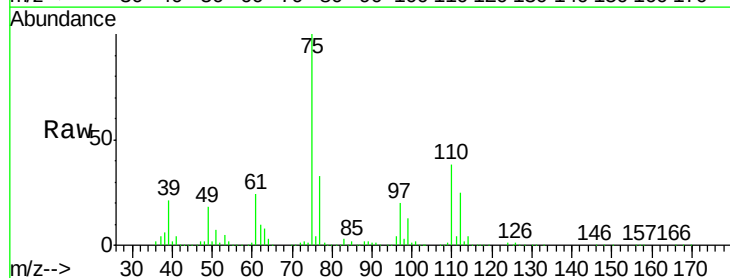
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

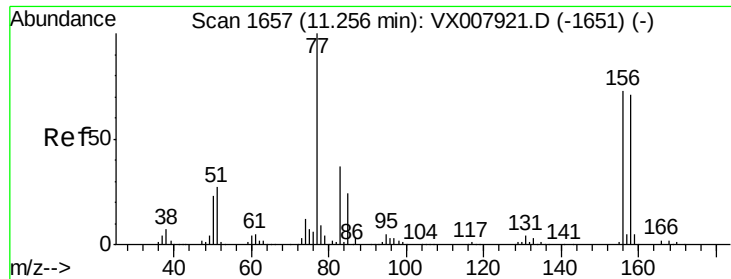
Tot Ion: 83 Resp: 415102
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 64.2 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 123.113 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 75 Resp: 497302
 Ion Ratio Lower Upper
 75 100
 77 31.0 0.0 76.4





#73

Bromobenzene

Concen: 99.001 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

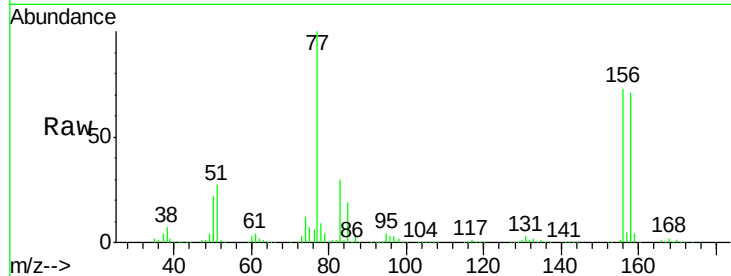
Tot Ion:156 Resp: 341513

Ion Ratio Lower Upper

156 100

77 144.9 0.0 271.4

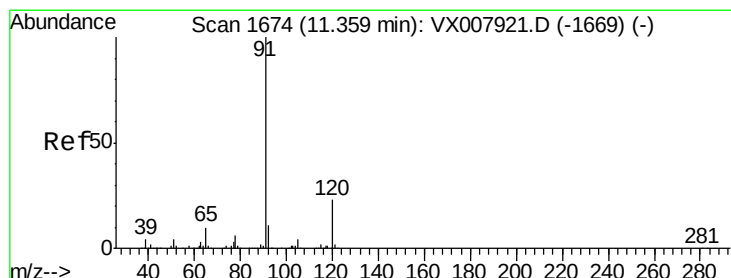
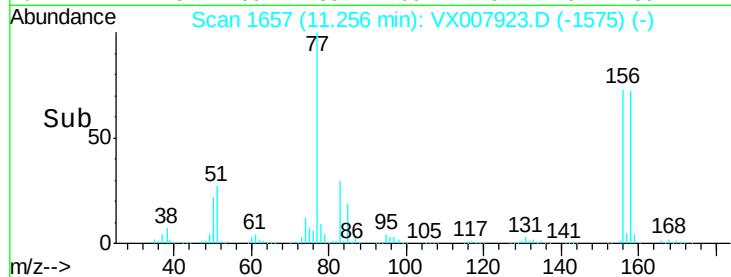
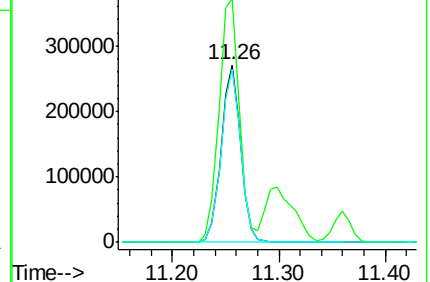
158 97.8 0.0 194.0



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: 99.717 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007923.D

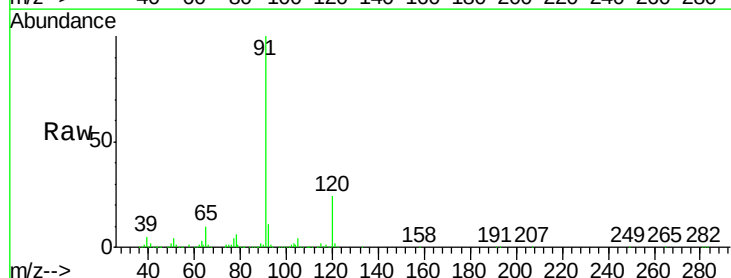
Acq: 08 Mar 2019 11:13

Tgt Ion: 91 Resp: 1459504

Ion Ratio Lower Upper

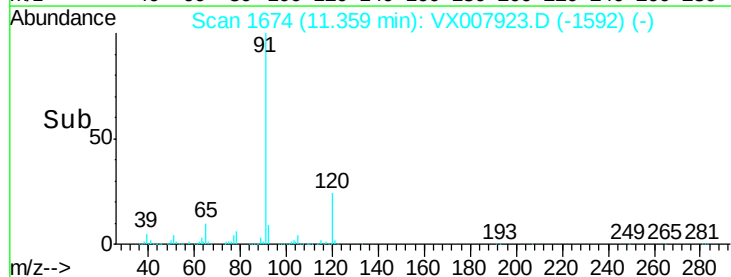
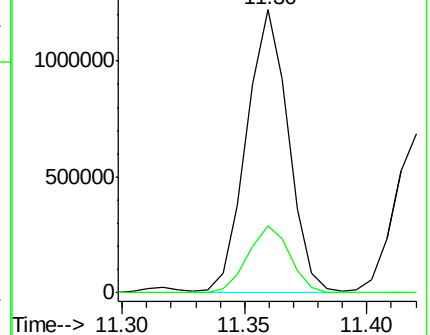
91 100

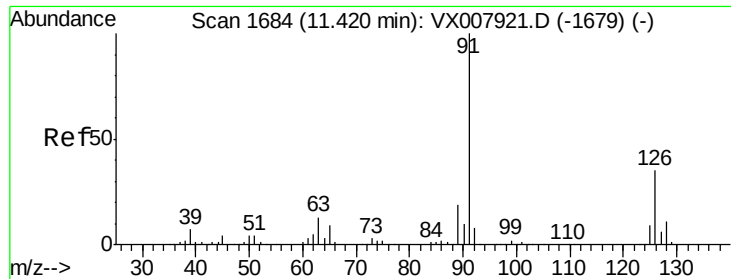
120 23.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 97.910 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

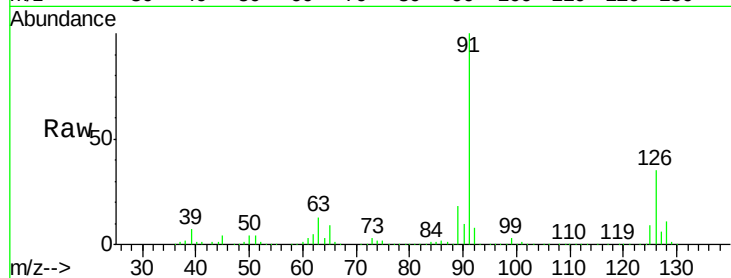
VSTDIC100

Tot Ion: 91 Resp: 858944

Ion Ratio Lower Upper

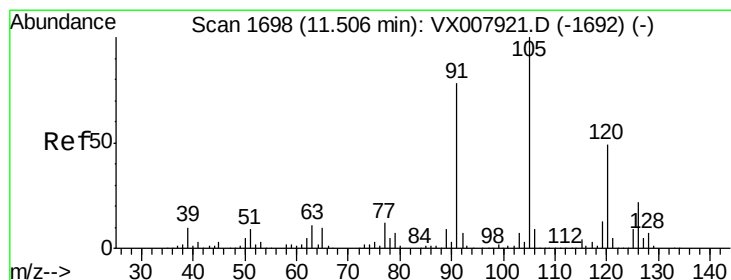
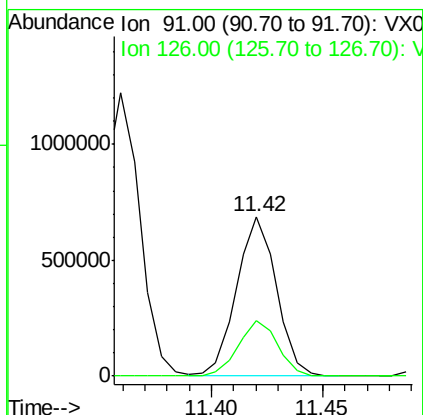
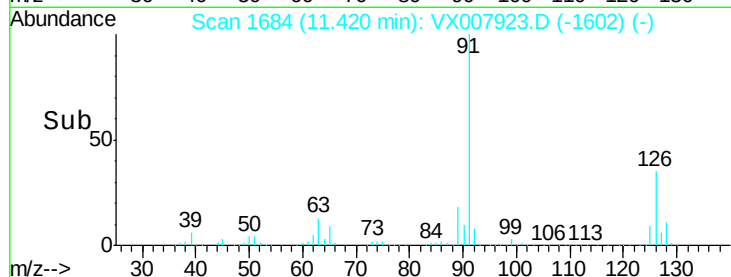
91 100

126 34.8 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX007921.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 99.434 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007923.D

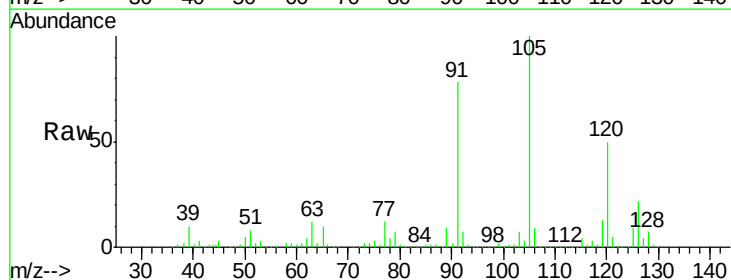
Acq: 08 Mar 2019 11:13

Tgt Ion: 105 Resp: 1069267

Ion Ratio Lower Upper

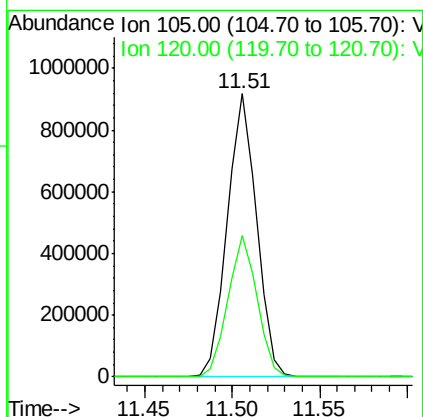
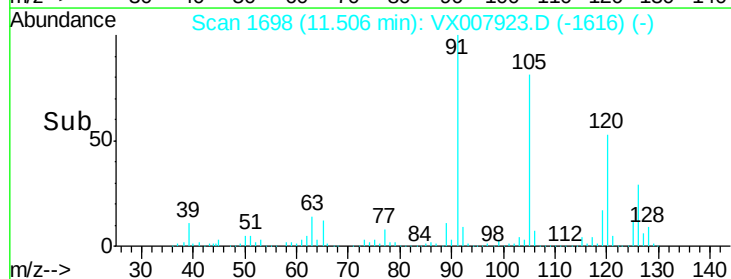
105 100

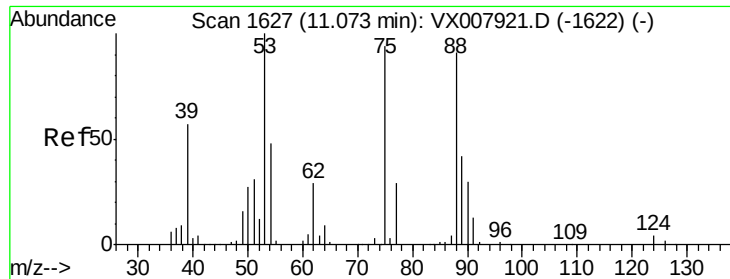
120 49.7 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007921.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007921.D (-1692) (-)

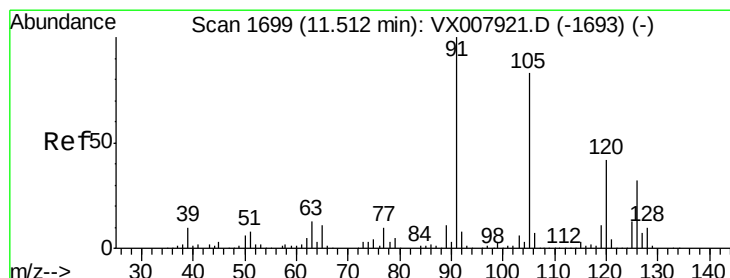
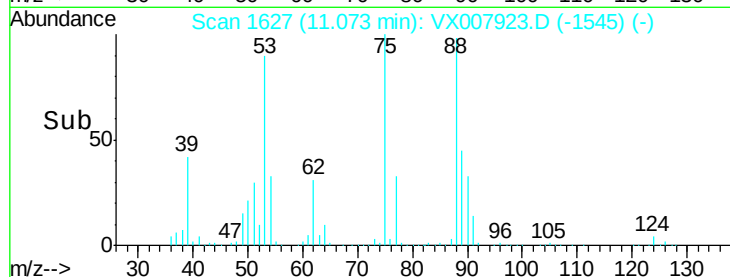
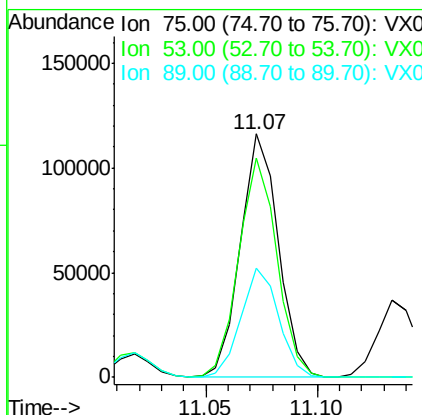
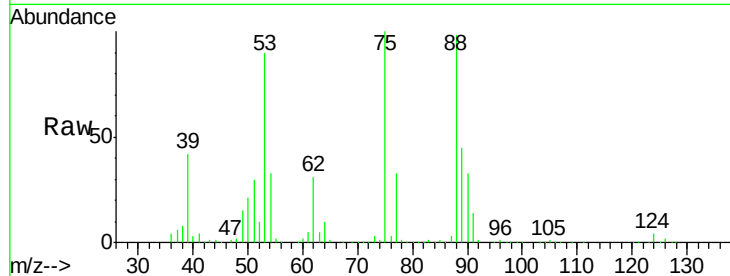




#77
t-1,4-Dichloro-2-butene
Concen: 111.171 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

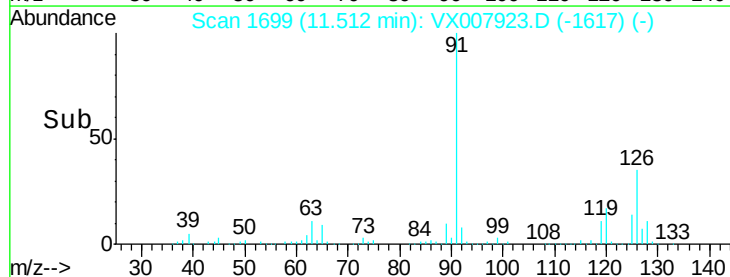
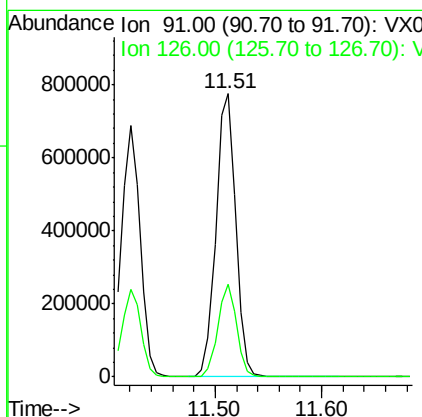
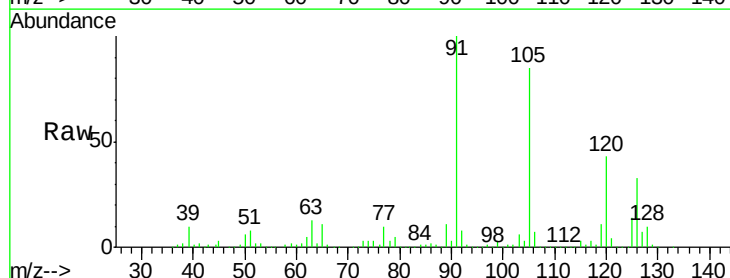
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

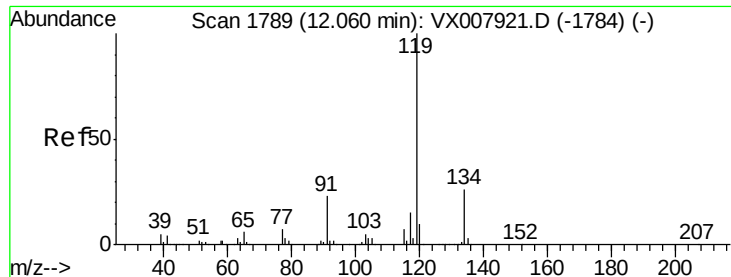
Tot Ion: 75 Resp: 138746
Ion Ratio Lower Upper
75 100
53 89.9 55.5 166.7
89 45.1 24.4 73.2



#78
4-Chlorotoluene
Concen: 100.261 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 91 Resp: 994455
Ion Ratio Lower Upper
91 100
126 31.1 0.0 66.2

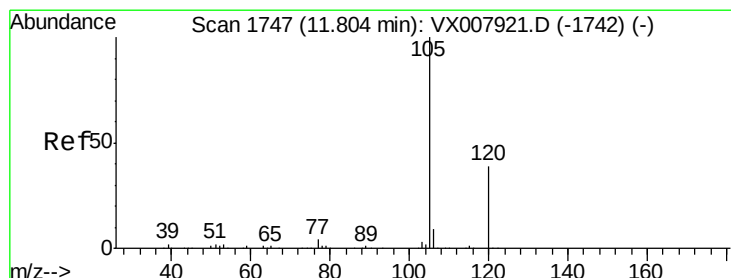
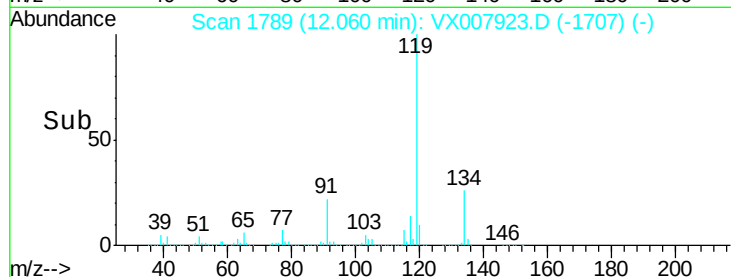
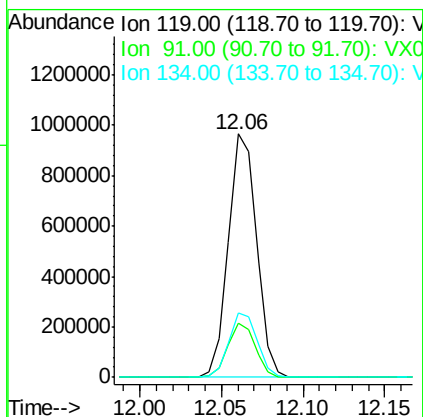
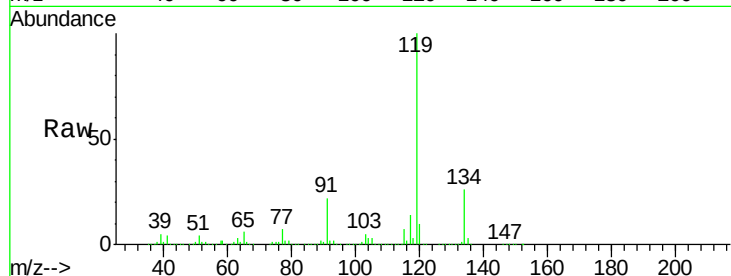




#79
tert-butylbenzene
Concen: 100.730 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

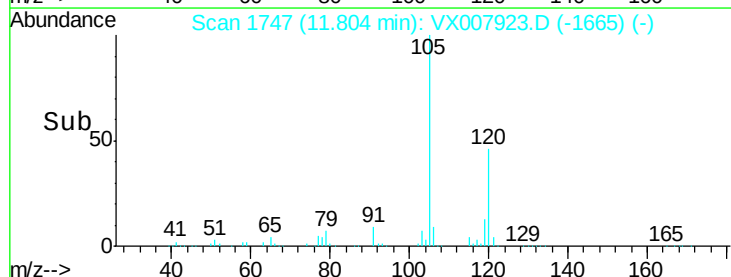
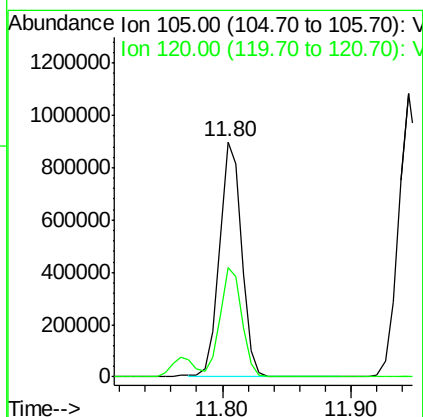
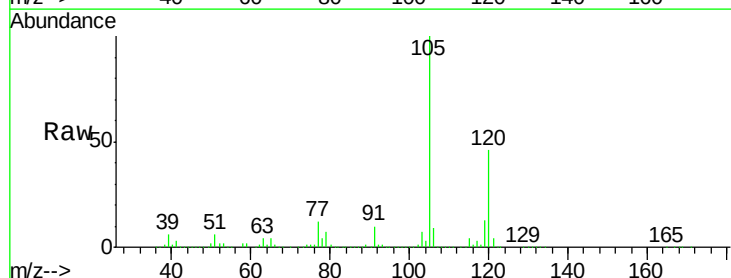
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

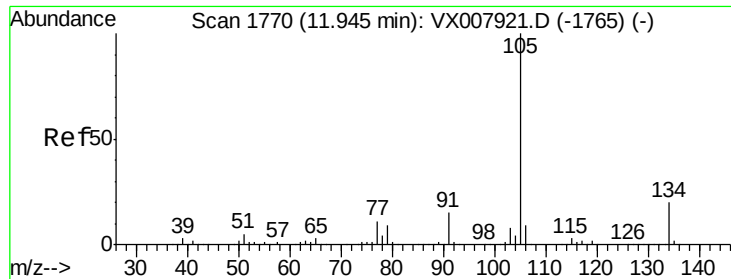
Tot Ion:119 Resp: 1162420
Ion Ratio Lower Upper
119 100
91 21.9 0.0 45.0
134 26.4 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 99.663 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion:105 Resp: 1087726
Ion Ratio Lower Upper
105 100
120 45.8 0.0 94.0





#81

sec-Butylbenzene

Concen: 99.982 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

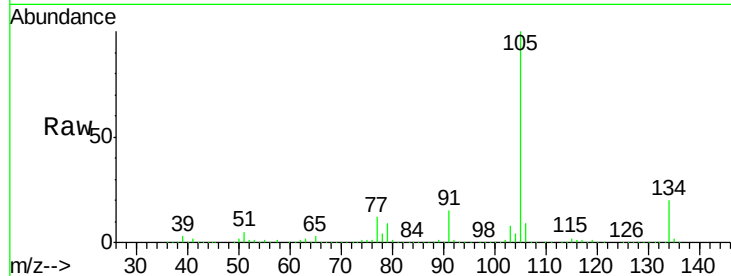
VSTDIC100

Tot Ion:105 Resp: 1292337

Ion Ratio Lower Upper

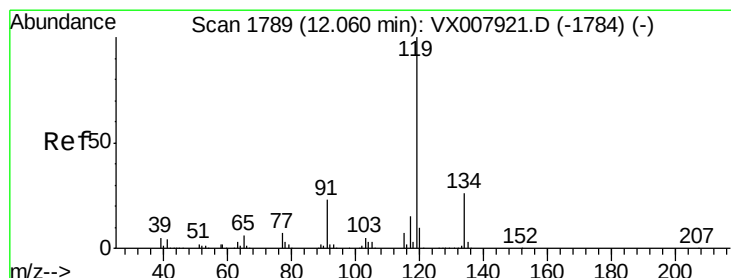
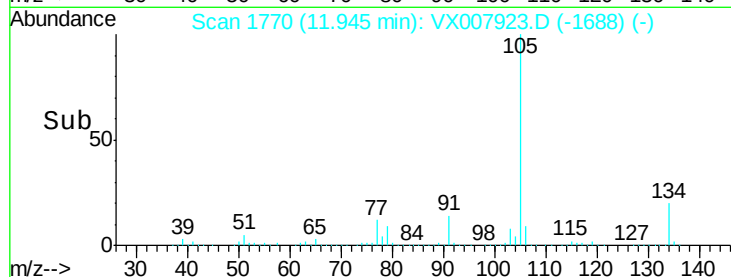
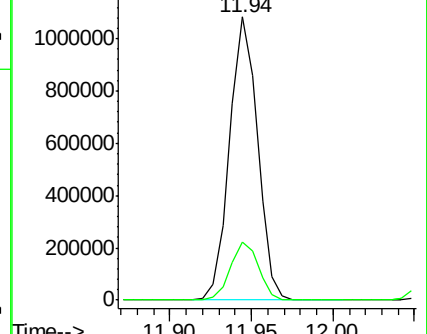
105 100

134 20.5 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 100.730 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

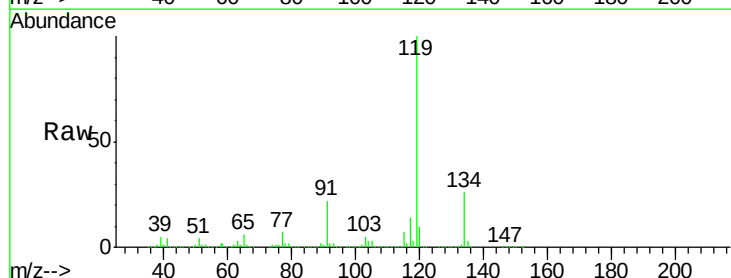
Tgt Ion:119 Resp: 1162420

Ion Ratio Lower Upper

119 100

134 26.4 0.0 55.4

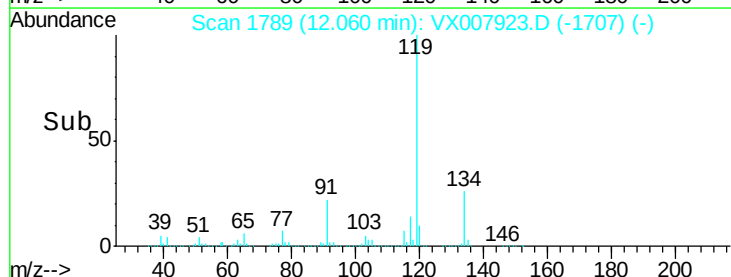
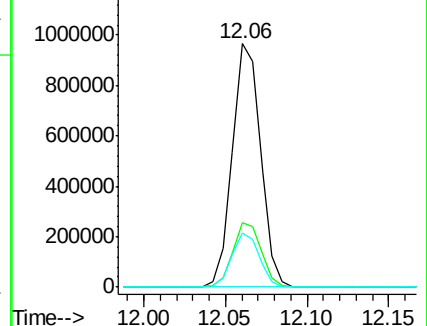
91 21.9 0.0 45.0

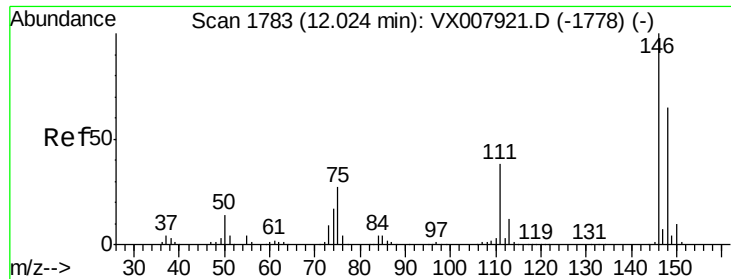


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 99.462 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

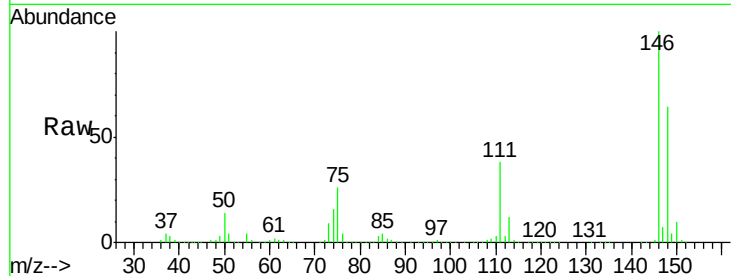
Tot Ion:146 Resp: 610866

Ion Ratio Lower Upper

146 100

111 37.7 18.8 56.3

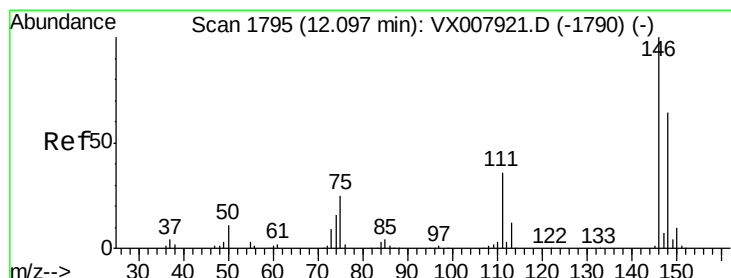
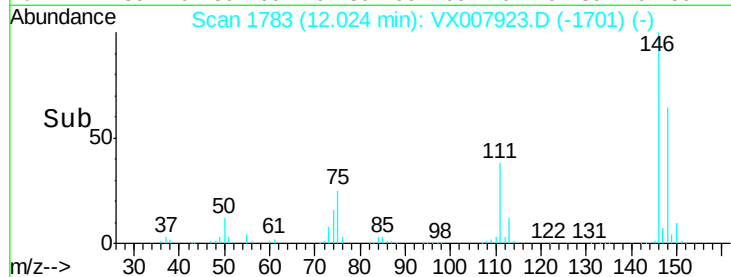
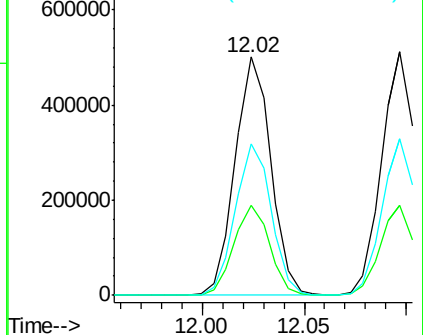
148 63.9 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 99.074 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

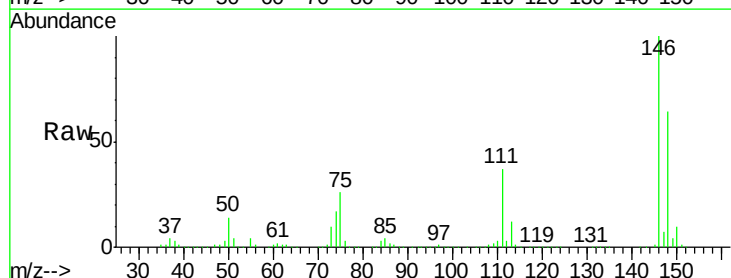
Tgt Ion:146 Resp: 608799

Ion Ratio Lower Upper

146 100

111 36.6 17.6 52.8

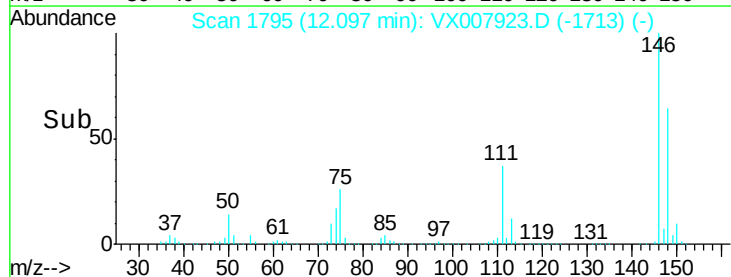
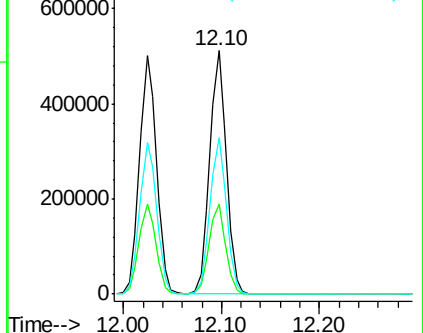
148 63.8 31.4 94.2

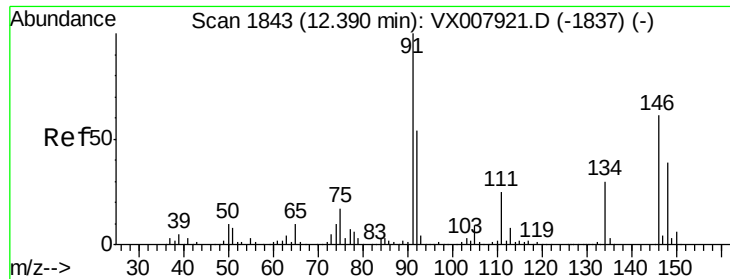


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

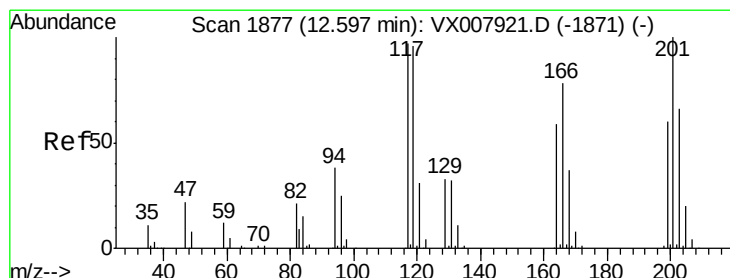
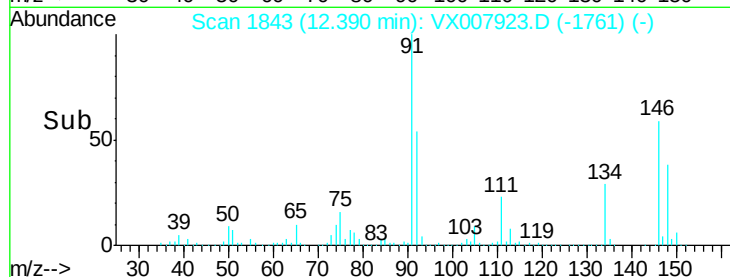
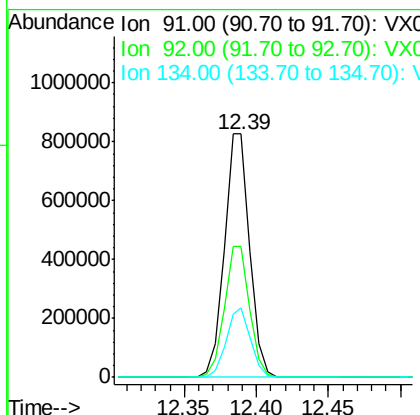
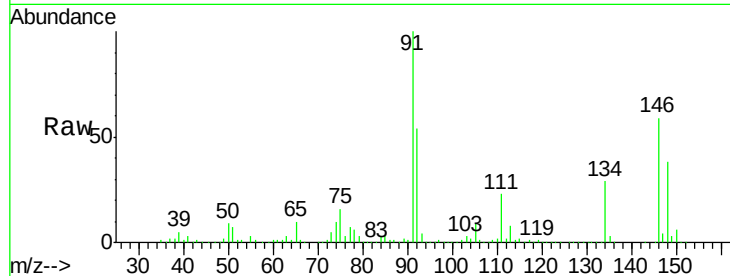




#85
n-Butylbenzene
Concen: 103.099 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

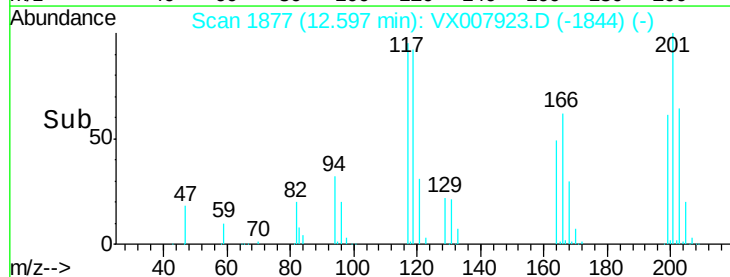
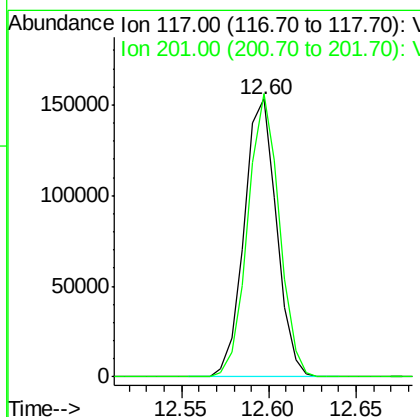
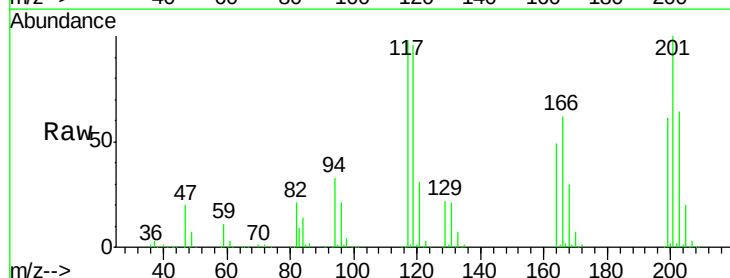
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

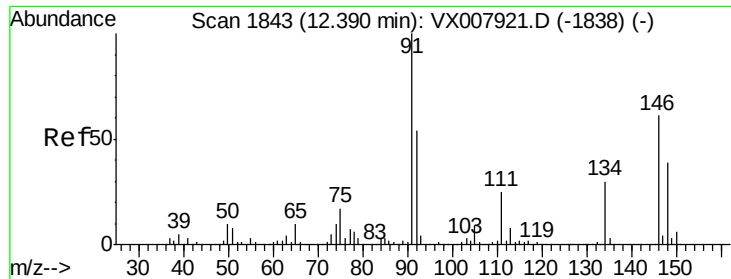
Tot Ion: 91 Resp: 1017494
Ion Ratio Lower Upper
91 100
92 53.5 0.0 105.2
134 27.6 0.0 56.4



#86
Hexachloroethane
Concen: 104.776 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007923.D
Acq: 08 Mar 2019 11:13

Tgt Ion: 117 Resp: 197005
Ion Ratio Lower Upper
117 100
201 98.7 41.1 123.3

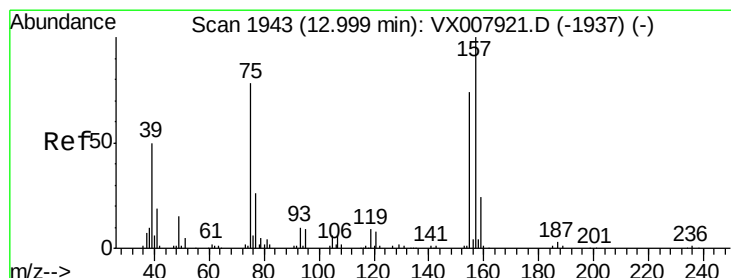
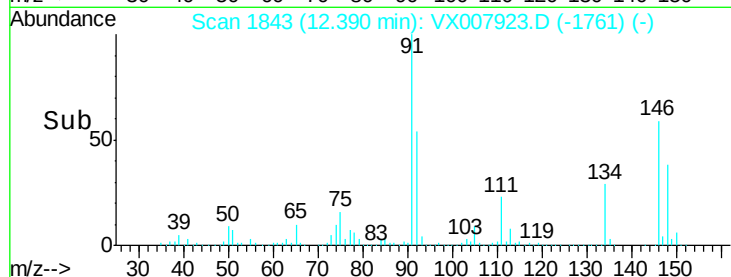
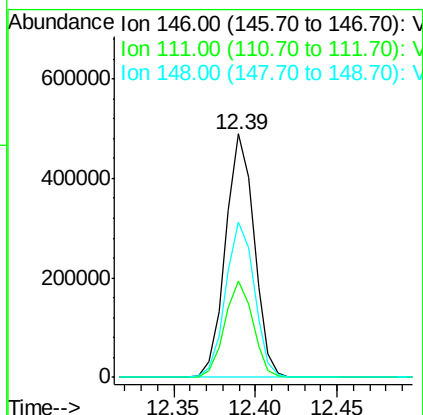
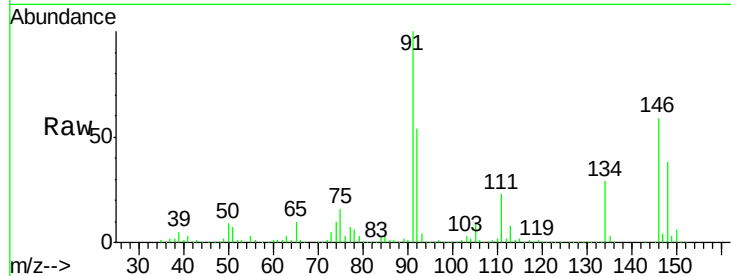




#87
 1,2-Dichlorobenzene
 Concen: 98.346 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

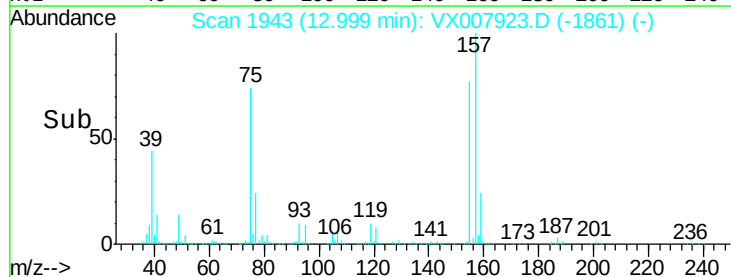
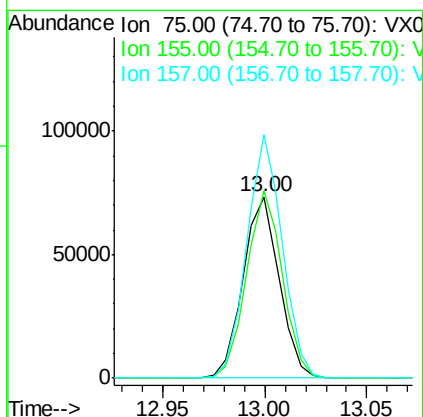
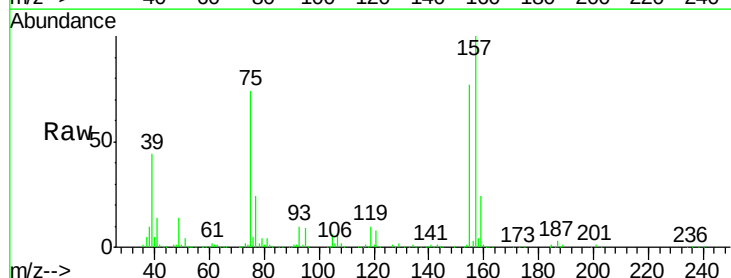
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

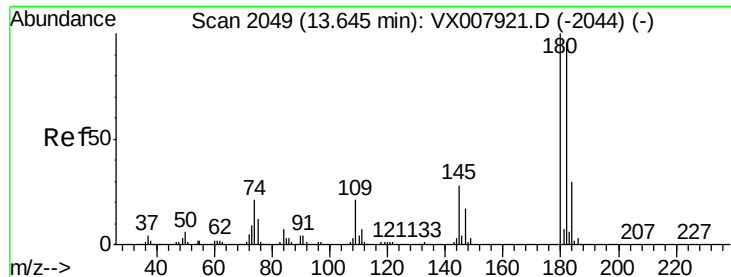
Tot Ion:146 Resp: 596932
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.8
 148 64.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 103.239 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion: 75 Resp: 90370
 Ion Ratio Lower Upper
 75 100
 155 102.2 81.0 121.6
 157 132.1 103.2 154.8

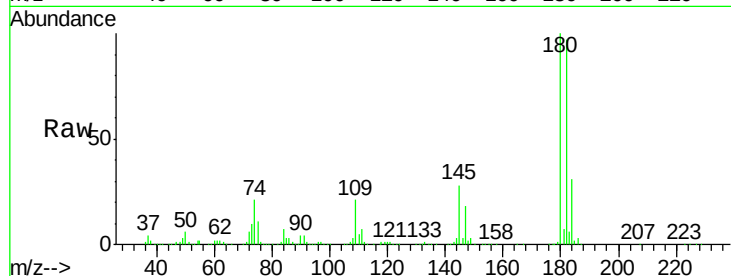




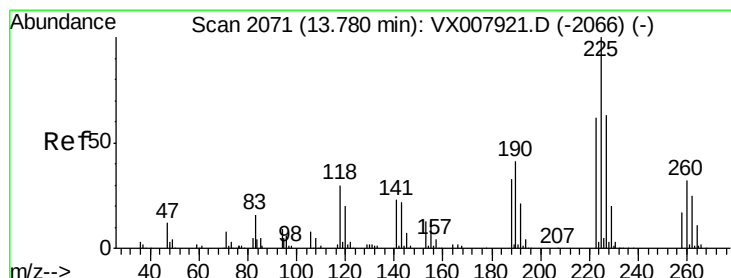
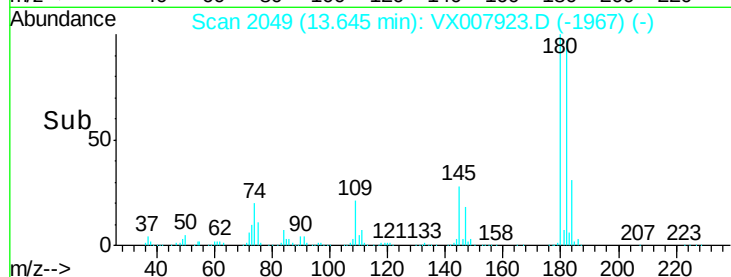
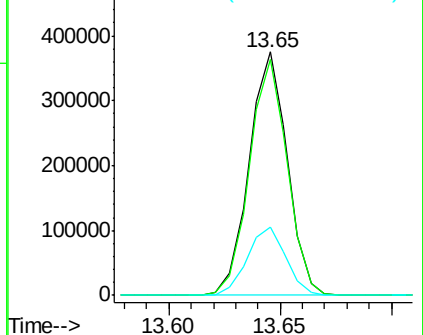
#89
 1,2,4-Trichlorobenzene
 Concen: 102.341 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:180 Resp: 446425
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.6 113.4
 145 28.4 23.0 34.6

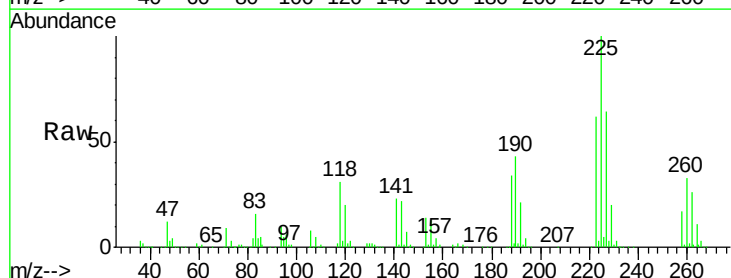


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

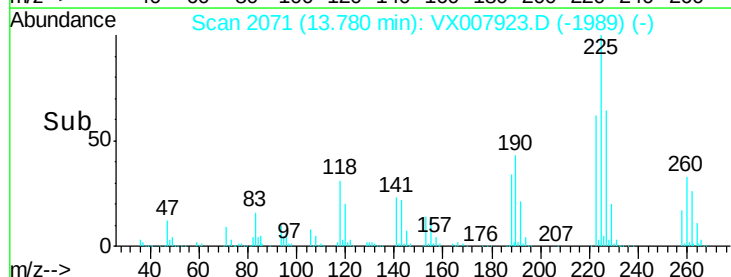
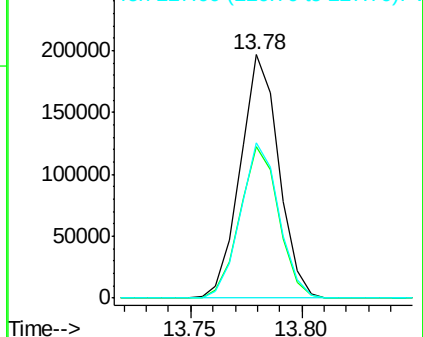


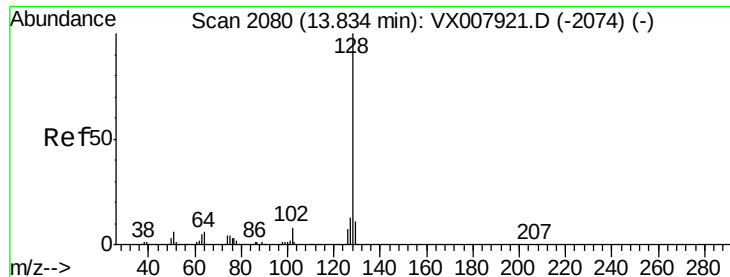
#90
 Hexachlorobutadiene
 Concen: 98.346 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007923.D
 Acq: 08 Mar 2019 11:13

Tgt Ion:225 Resp: 236605
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 123.8
 227 63.8 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 104.351 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Instrument :

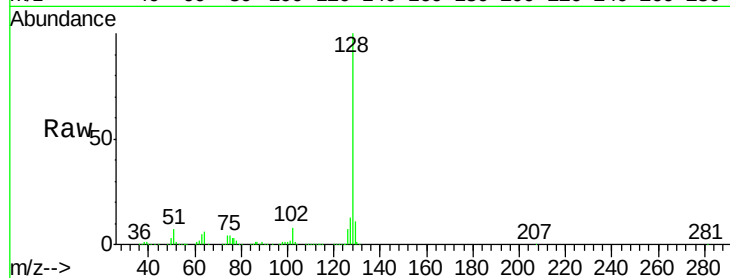
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1304827

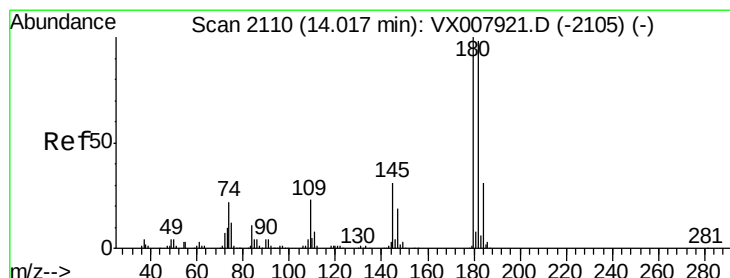
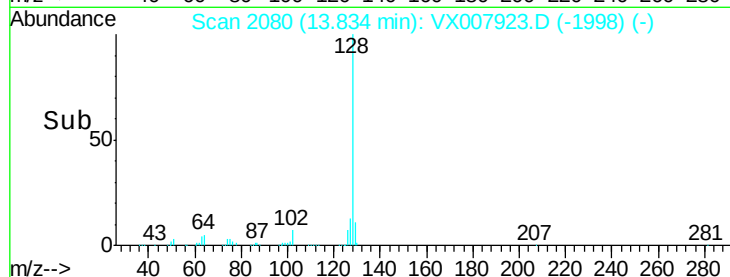
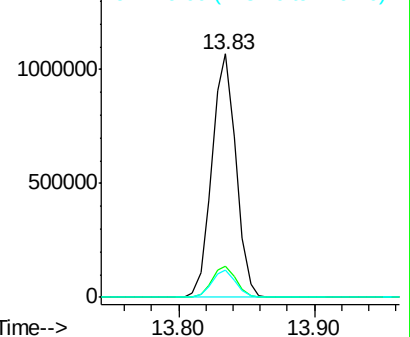
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	8.9	13.3



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: 101.879 ug/l

RT: 14.02 min Scan# 2110

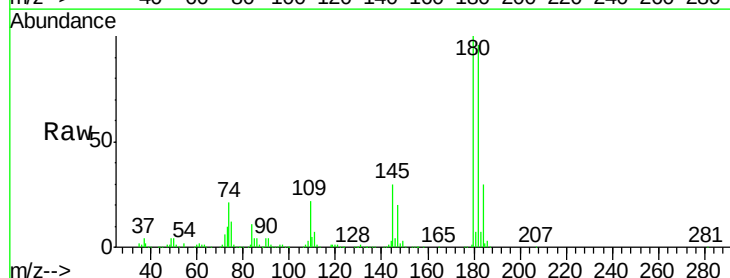
Delta R.T. -0.00 min

Lab File: VX007923.D

Acq: 08 Mar 2019 11:13

Tgt Ion:180 Resp: 441738

Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	193.0
145	29.8	0.0	63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

