

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007502.D
 Acq On : 12 Feb 2019 23:55
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 13 07:23:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:08:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	75224	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	414143	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	372600	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	149602	30.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.17%
60) 4-Bromofluorobenzene	11.13	95	168909	29.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.27%
63) Toluene-d8	8.71	98	501860	29.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	389602	110.552	ug/l	97
3) Chloromethane	1.33	50	423878	108.728	ug/l	95
4) Vinyl Chloride	1.41	62	479407	109.205	ug/l	98
5) Bromomethane	1.64	94	441125	101.355	ug/l	100
6) Chloroethane	1.71	64	305299	103.317	ug/l	95
7) Trichlorofluoromethane	1.93	101	762209	104.058	ug/l	97
8) Diethyl Ether	2.19	74	301069	107.910	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	422574	98.501	ug/l	99
10) 1,1-Dichloroethene	2.37	96	427714	107.990	ug/l	98
11) Methyl Iodide	2.51	142	671604	107.772	ug/l	97
12) Methyl Acetate	2.78	43	554909	86.399	ug/l	99
13) Acrolein	2.30	56	523432	904.739	ug/l	99
14) Acrylonitrile	3.15	53	1335582	532.318	ug/l	99
15) Acetone	2.45	58	359047	509.813	ug/l	94
16) Carbon Disulfide	2.57	76	1179472	120.426	ug/l	100
17) Allyl chloride	2.73	41	745968	109.334	ug/l	97
18) Methylene Chloride	2.85	84	463836	102.637	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	456761	106.992	ug/l	98
20) Diisopropyl ether	3.87	45	1387154	108.682	ug/l	96
21) 1,1-Dichloroethane	3.70	63	761989	105.107	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	506754	107.427	ug/l	99
23) tert-Butyl Alcohol	3.09	59	562490	535.891	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	1475794	106.921	ug/l	99
25) Chloroform	5.22	83	808633	107.420	ug/l	98
26) Cyclohexane	5.57	56	661516	107.558	ug/l #	100
29) 1,1-Dichloropropene	5.80	75	590601	107.686	ug/l	99
30) 2-Butanone	4.70	43	1707198	524.319	ug/l	99
31) 2,2-Dichloropropane	4.59	77	479084	89.730	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	710195	109.006	ug/l	99
33) Carbon Tetrachloride	5.78	117	638104	111.291	ug/l	96
34) Benzene	6.14	78	1820133	107.210	ug/l	98
35) Methacrylonitrile	5.06	41	357472	107.037	ug/l	98
36) 1,2-Dichloroethane	6.20	62	616484	105.521	ug/l	100
37) Trichloroethene	7.21	130	525709	105.468	ug/l	97
38) Methylcyclohexane	7.46	83	686022	99.719	ug/l	99
39) 1,2-Dichloropropane	7.51	63	451065	105.883	ug/l	98
40) Dibromomethane	7.66	93	328081	106.264	ug/l	95

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	608720	112.637	ug/l	99
42) Vinyl Acetate	3.83	43	6179224	549.875	ug/l	100
43) Ethyl Acetate	4.86	43	664962	108.047	ug/l #	82
44) Isopropyl Acetate	6.46	43	1051290	109.873	ug/l	99
45) 1,4-Dioxane	7.75	88	242327	2106.609	ug/l	99
46) Methyl methacrylate	7.77	41	524889	107.919	ug/l	99
47) n-amyl Acetate	10.90	43	940899	112.254	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	660303	113.423	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	716063	110.543	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	481307	104.809	ug/l	95
51) Ethyl methacrylate	9.18	69	704258	106.981	ug/l	98
52) 1,3-Dichloropropane	9.37	76	771344	104.711	ug/l	100
53) Dibromochloromethane	9.58	129	531526	114.279	ug/l	99
54) 1,2-Dibromoethane	9.67	107	526980	106.822	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1824951	515.855	ug/l	100
56) Bromoform	10.86	173	409876	115.877	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	3334807	525.947	ug/l	100
59) 2-Hexanone	9.49	43	2542729	523.140	ug/l	100
61) Tetrachloroethene	9.33	164	520894	100.744	ug/l	98
62) Toluene	8.79	91	2012118	105.299	ug/l	99
64) Chlorobenzene	10.14	112	1283533	101.936	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	496803	110.744	ug/l	100
66) Ethyl Benzene	10.25	91	2170926	105.517	ug/l	99
67) m/p-Xylenes	10.36	106	1712699	211.386	ug/l	100
68) o-Xylene	10.70	106	830922	104.656	ug/l	98
69) Styrene	10.71	104	1356569	105.868	ug/l	99
70) Isopropylbenzene	11.02	105	2189283	104.354	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	692812	102.001	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	808500	127.666	ug/l	89
73) Bromobenzene	11.26	156	591738	101.940	ug/l	99
74) n-propylbenzene	11.36	91	2457253	104.401	ug/l	100
75) 2-Chlorotoluene	11.42	91	1429987	102.300	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	1791468	102.750	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	210302	113.448	ug/l	87
78) 4-Chlorotoluene	11.51	91	1666453	102.996	ug/l	99
79) tert-butylbenzene	12.07	119	1922926	102.131	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1809041	102.476	ug/l	99
81) sec-Butylbenzene	11.94	105	2132086	101.691	ug/l	100
82) p-Isopropyltoluene	12.07	119	1922926	102.131	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1041513	101.242	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	1049722	102.127	ug/l	99
85) n-Butylbenzene	12.39	91	1654054	102.863	ug/l	100
86) Hexachloroethane	12.60	117	340447	114.541	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	1036326	100.851	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	159734	115.080	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	720282	103.133	ug/l	100
90) Hexachlorobutadiene	13.79	225	325289	97.810	ug/l	98
91) Naphthalene	13.83	128	2293733	107.427	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	723283	104.325	ug/l	98

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Feb 13 07:23:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:08:48 2019
Response via : Initial Calibration

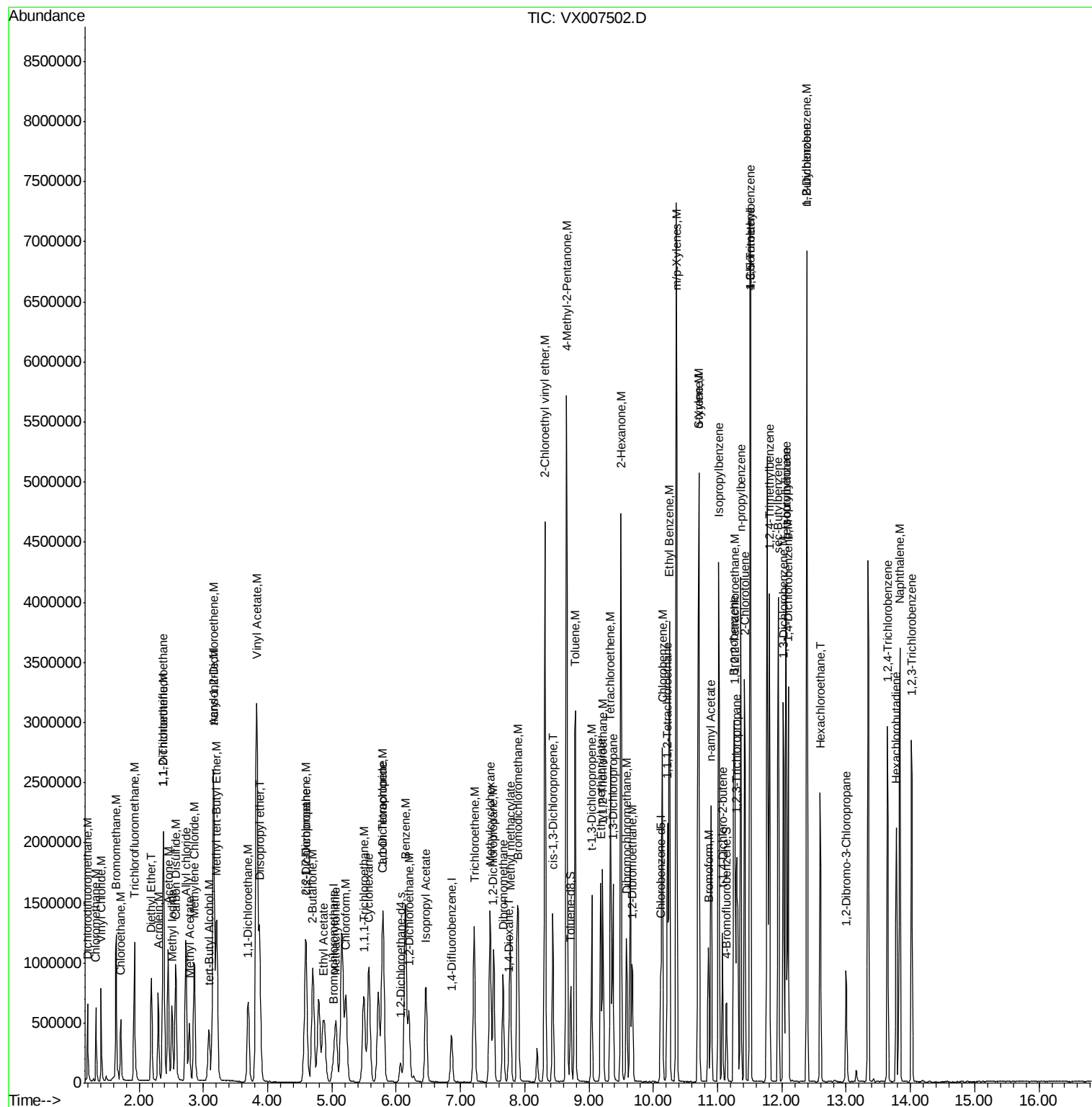
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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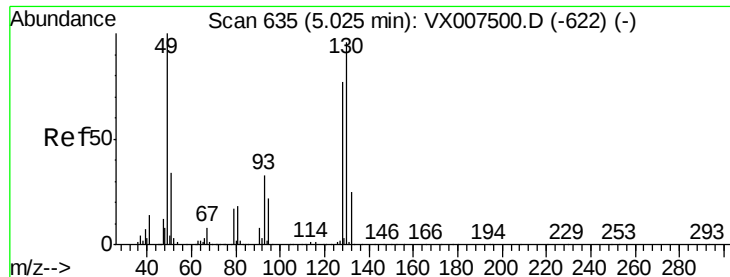
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
Data File : VX007502.D
Acq On : 12 Feb 2019 23:55
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC100

Quant Time: Feb 13 07:23:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:08:48 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

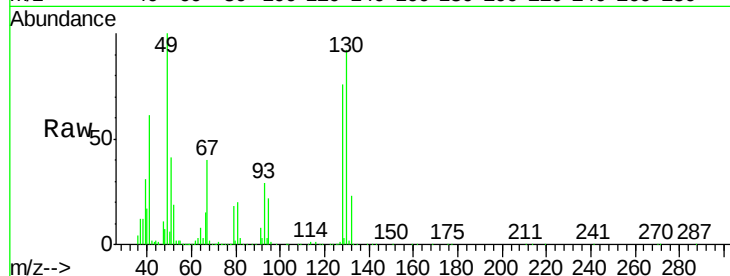
Tgt Ion:128 Resp: 75224

Ion Ratio Lower Upper

128 100

49 143.3 0.0 350.8

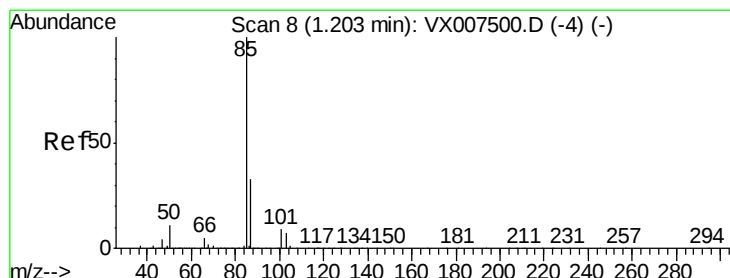
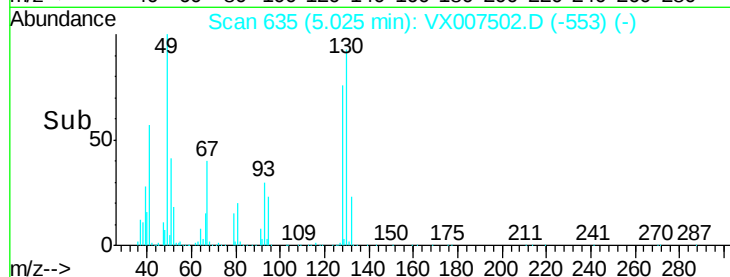
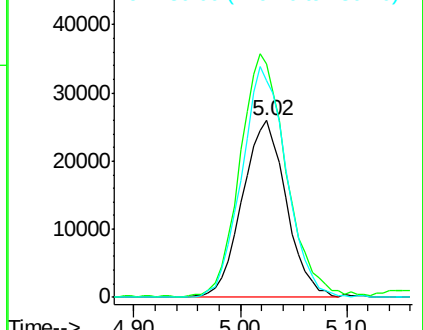
130 132.7 0.0 325.8



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: 110.552 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007502.D

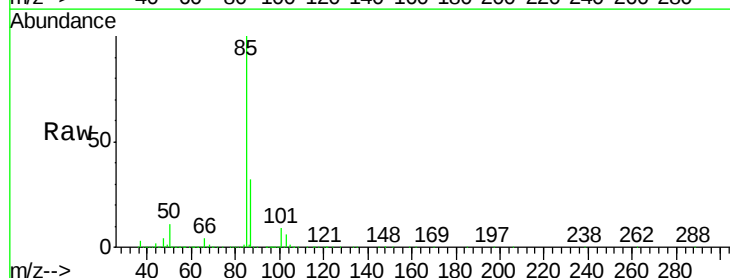
Acq: 12 Feb 2019 23:55

Tgt Ion: 85 Resp: 389602

Ion Ratio Lower Upper

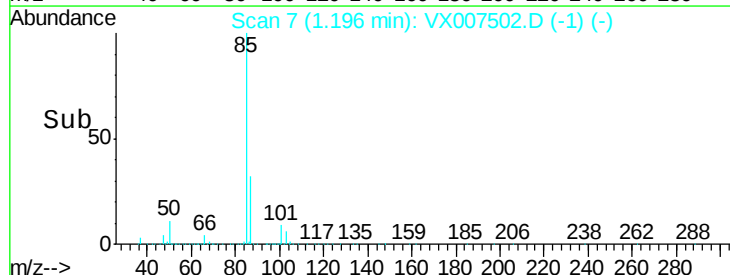
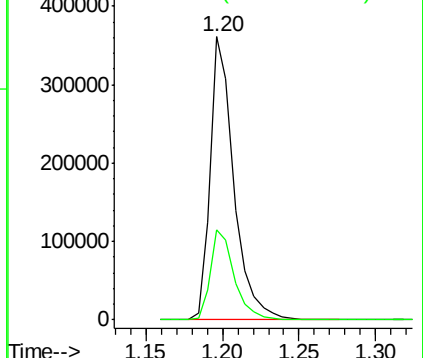
85 100

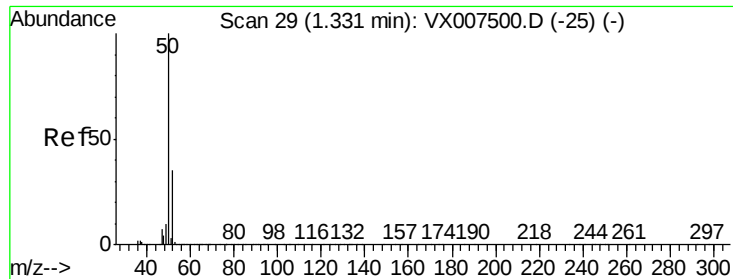
87 31.7 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

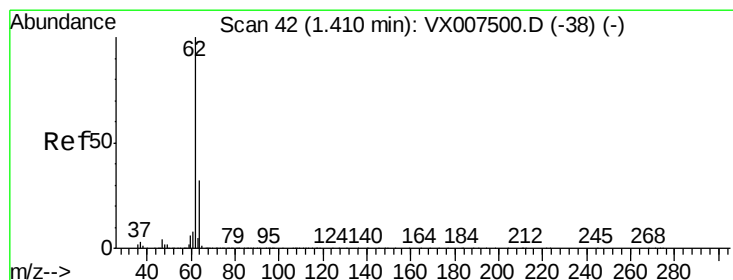
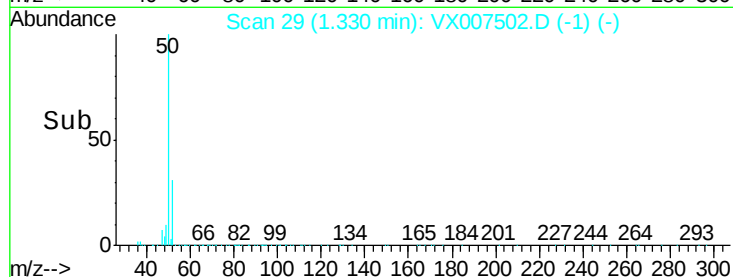
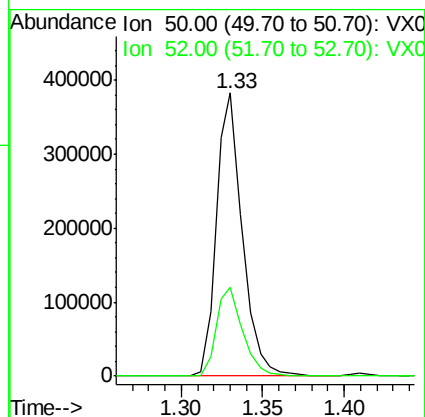
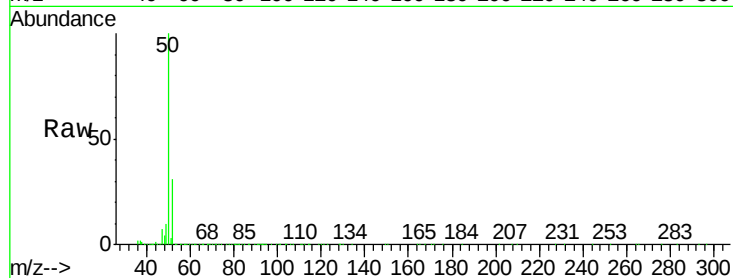




#3
Chloromethane
Concen: 108.728 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

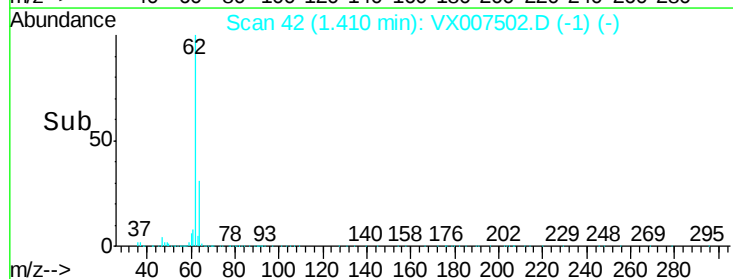
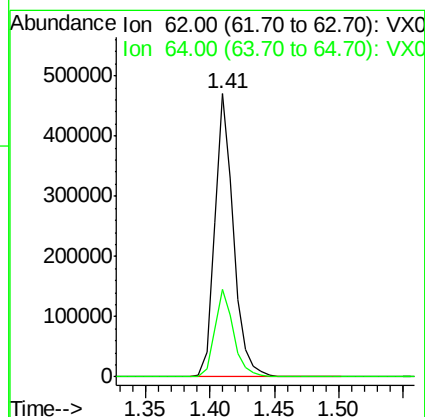
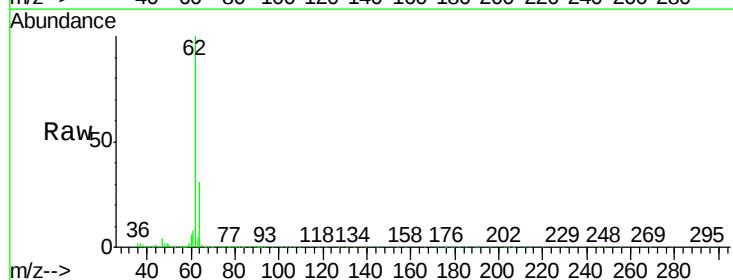
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

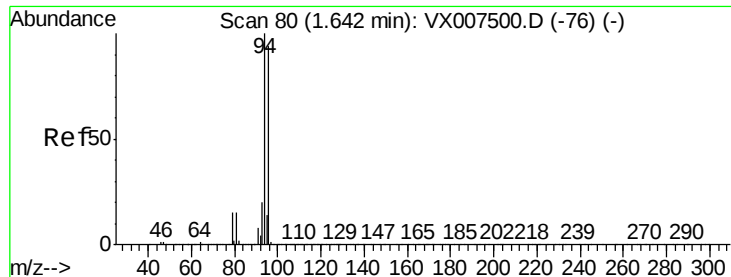
Tgt Ion: 50 Resp: 423878
Ion Ratio Lower Upper
50 100
52 31.4 27.5 41.3



#4
Vinyl Chloride
Concen: 109.205 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 62 Resp: 479407
Ion Ratio Lower Upper
62 100
64 31.1 25.9 38.9





#5

Bromomethane

Concen: 101.355 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

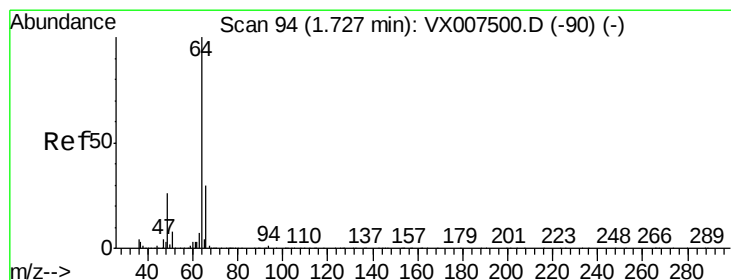
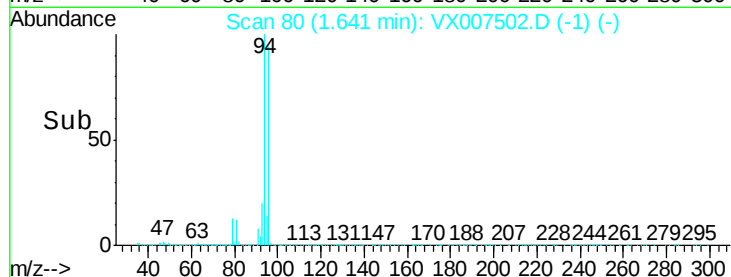
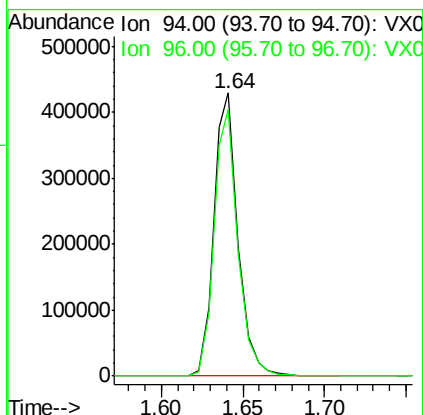
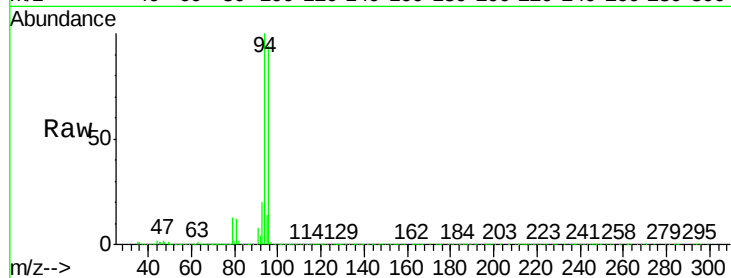
VSTDIC100

Tgt Ion: 94 Resp: 441125

Ion Ratio Lower Upper

94 100

96 94.3 75.6 113.4



#6

Chloroethane

Concen: 103.317 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007502.D

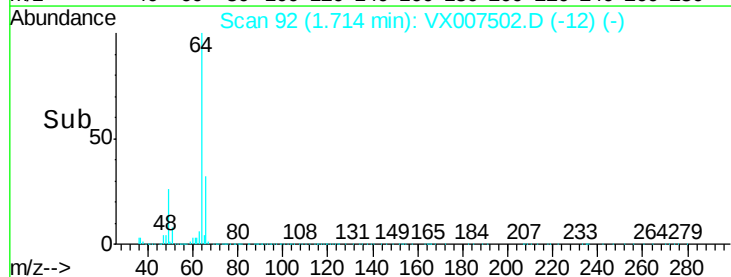
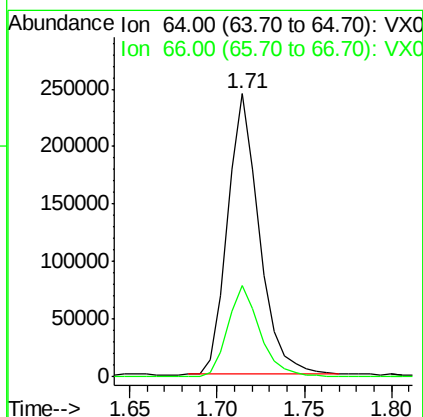
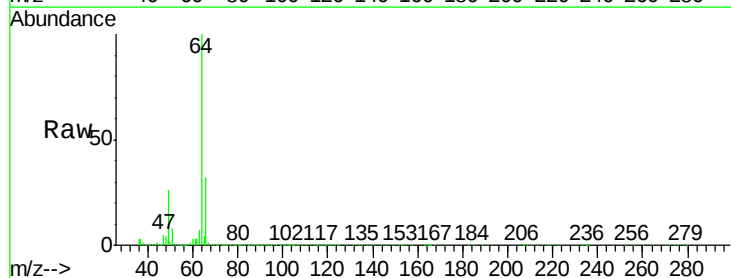
Acq: 12 Feb 2019 23:55

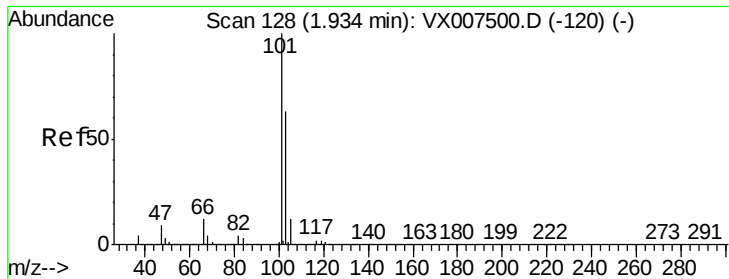
Tgt Ion: 64 Resp: 305299

Ion Ratio Lower Upper

64 100

66 32.6 23.9 35.9



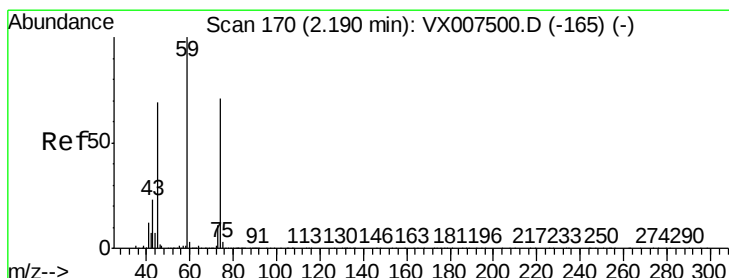
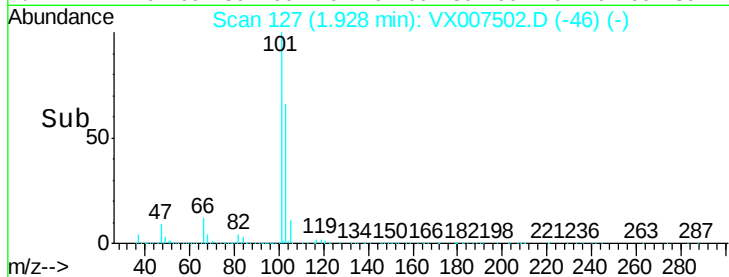
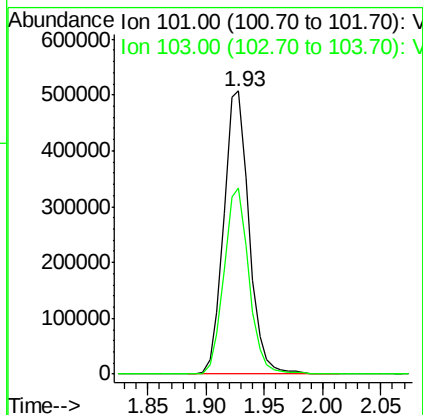
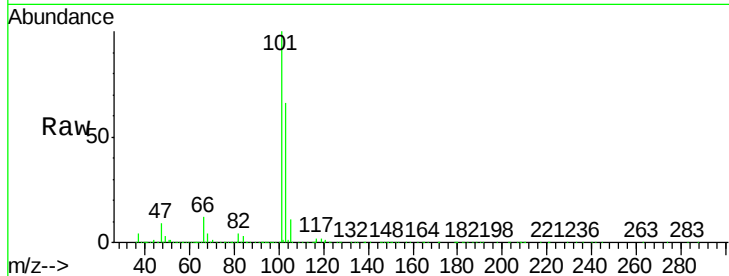


#7

Trichlorofluoromethane
Concen: 104.058 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

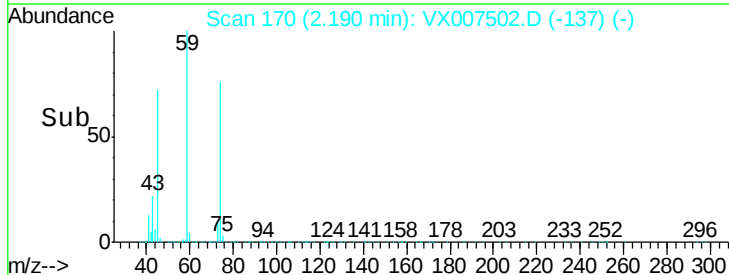
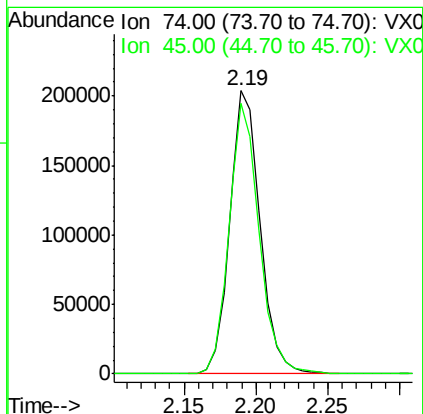
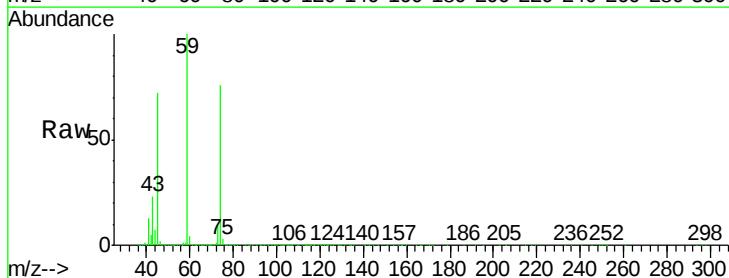
Tgt Ion:101 Resp: 762209
Ion Ratio Lower Upper
101 100
103 65.7 50.4 75.6

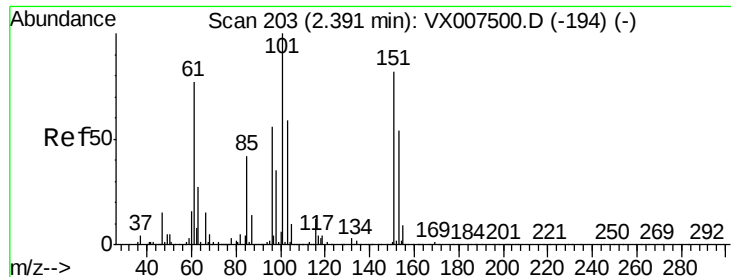


#8

Diethyl Ether
Concen: 107.910 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 74 Resp: 301069
Ion Ratio Lower Upper
74 100
45 94.6 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.501 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

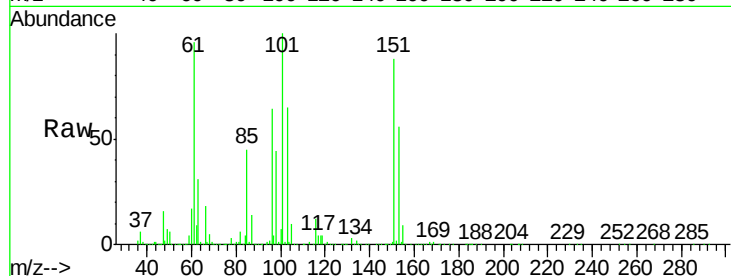
Tgt Ion: 101 Resp: 422574

Ion Ratio Lower Upper

101 100

85 43.2 0.0 86.8

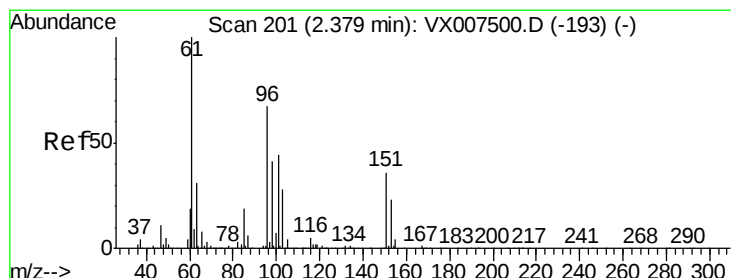
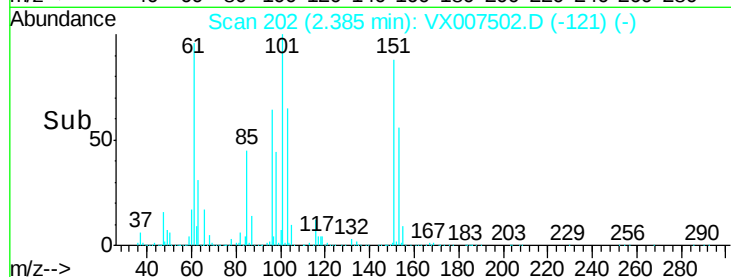
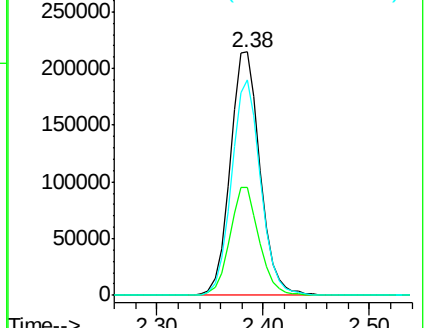
151 86.4 0.0 169.2



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: 107.990 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

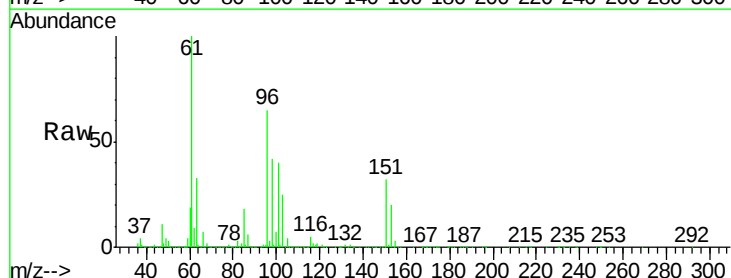
Tgt Ion: 96 Resp: 427714

Ion Ratio Lower Upper

96 100

61 152.9 120.2 180.2

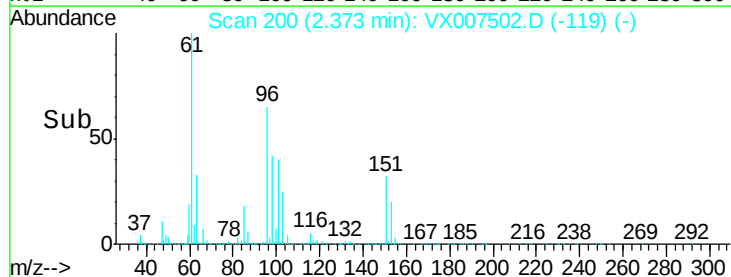
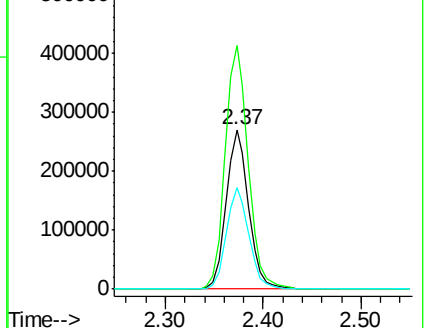
98 63.6 49.0 73.4

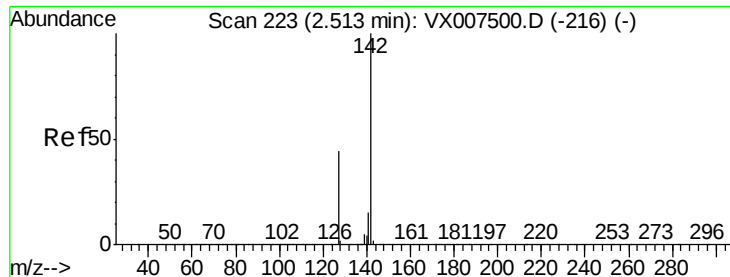


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

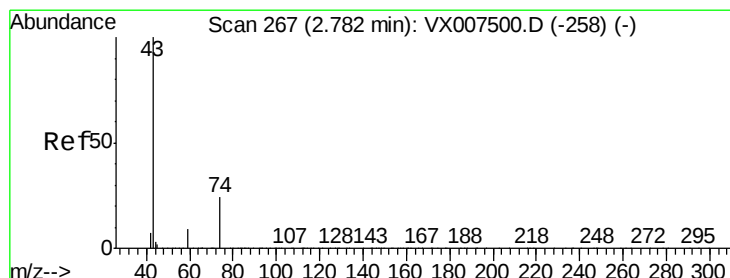
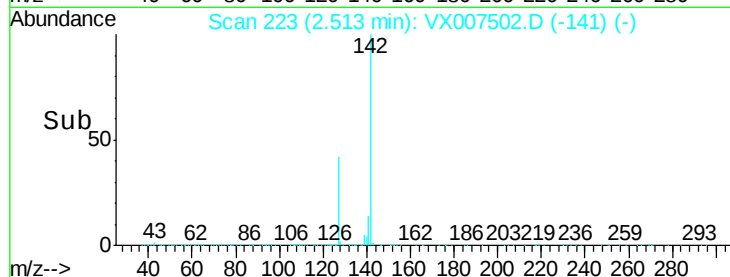
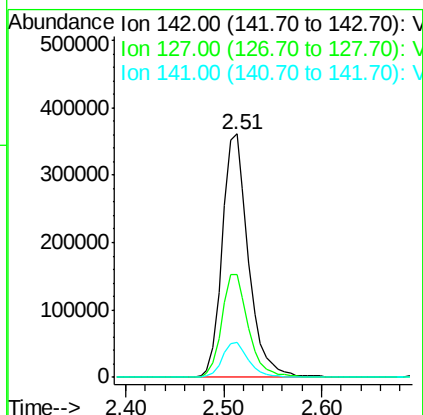
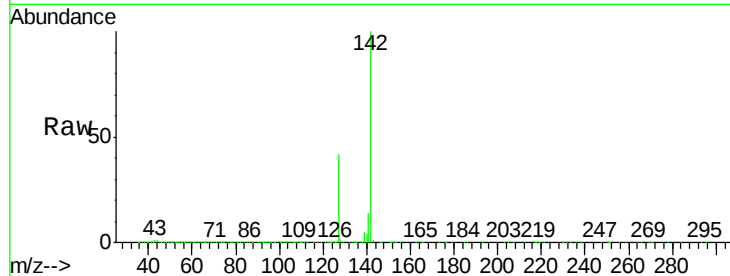




#11
Methyl Iodide
Concen: 107.772 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

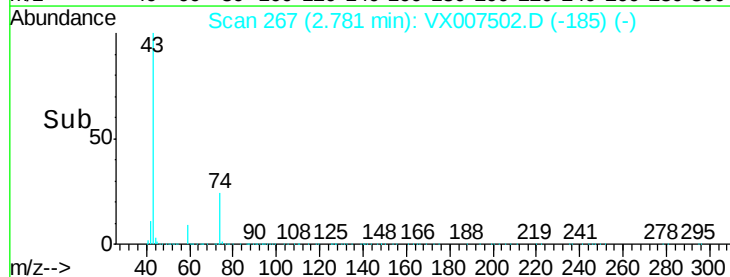
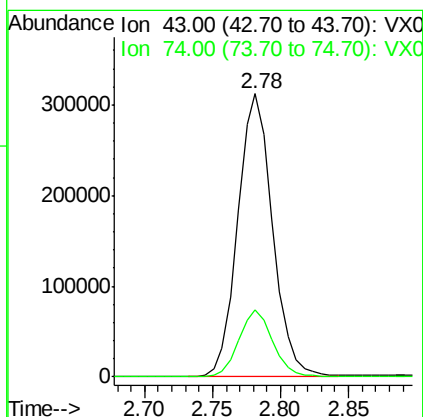
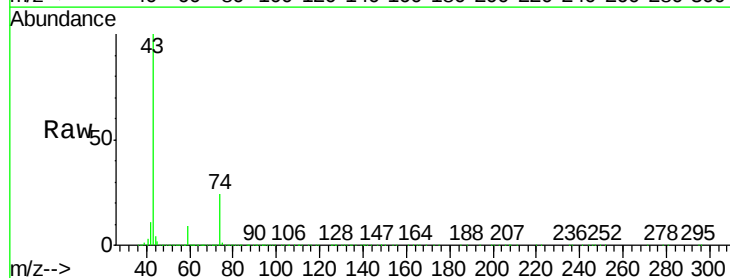
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

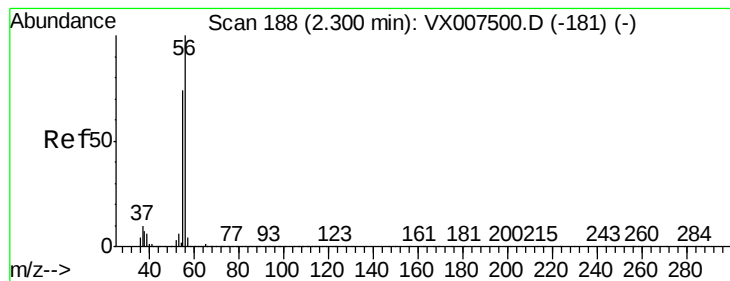
Tgt Ion:142 Resp: 671604
Ion Ratio Lower Upper
142 100
127 42.4 22.1 66.5
141 14.1 7.4 22.3



#12
Methyl Acetate
Concen: 86.399 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 43 Resp: 554909
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.0





#13

Acrolein

Concen: 904.739 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

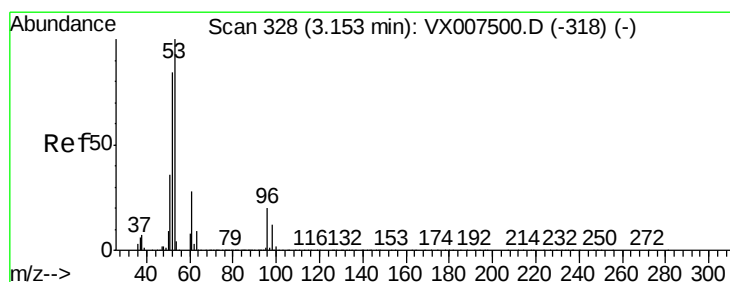
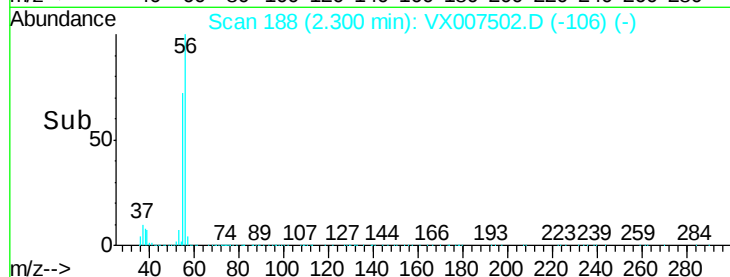
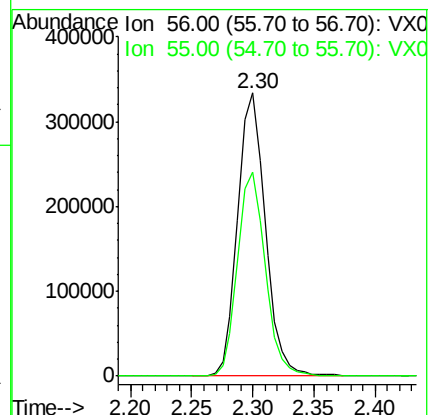
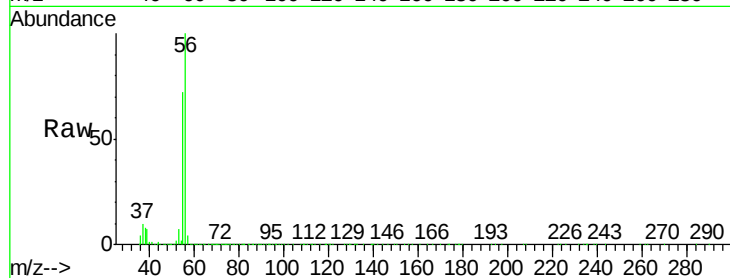
VSTDIC100

Tgt Ion: 56 Resp: 523432

Ion Ratio Lower Upper

56 100

55 72.1 58.6 87.8



#14

Acrylonitrile

Concen: 532.318 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

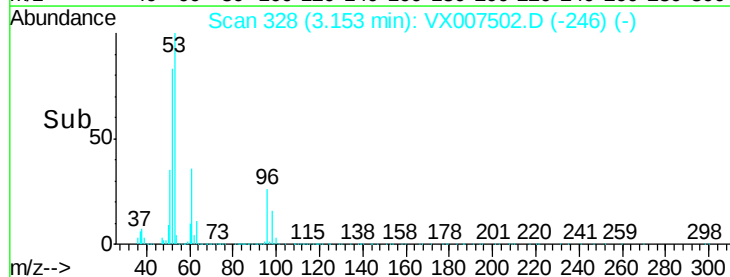
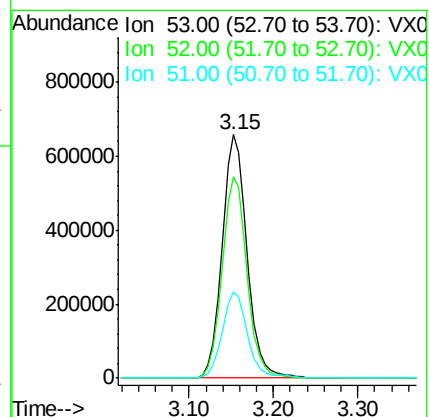
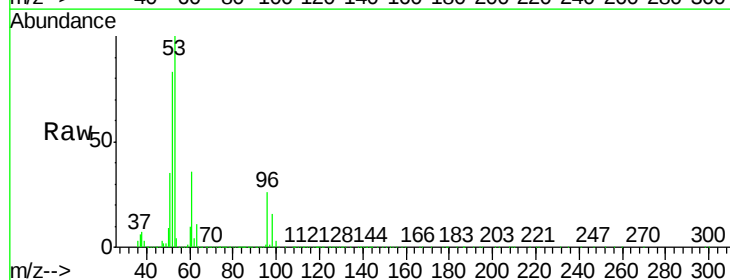
Tgt Ion: 53 Resp: 1335582

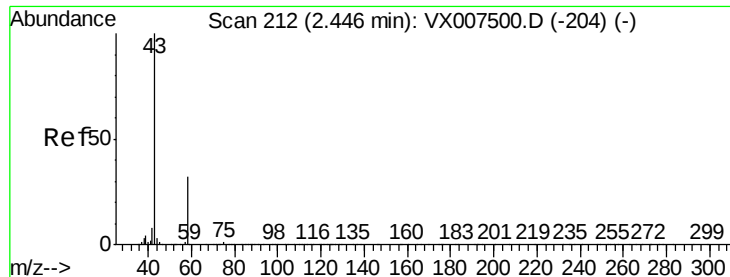
Ion Ratio Lower Upper

53 100

52 82.9 41.3 124.1

51 36.2 17.5 52.6





#15

Acetone

Concen: 509.813 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

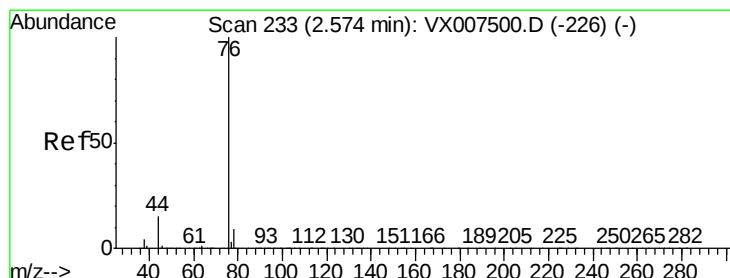
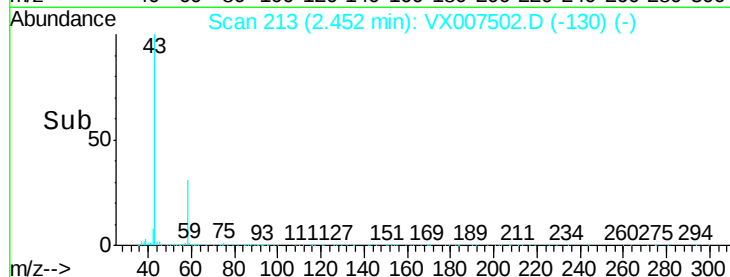
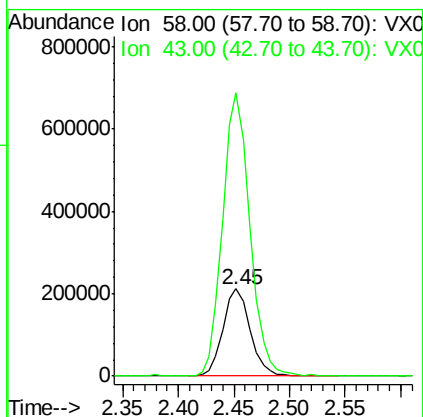
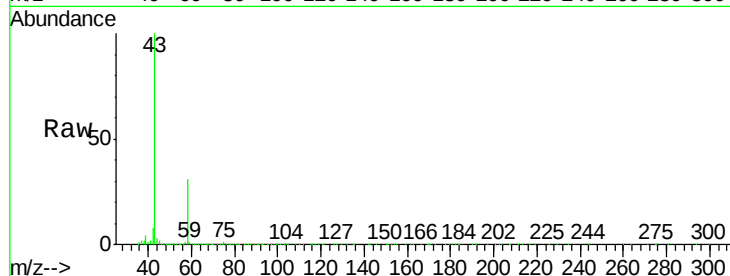
VSTDIC100

Tgt Ion: 58 Resp: 359047

Ion Ratio Lower Upper

58 100

43 324.1 249.8 374.6



#16

Carbon Disulfide

Concen: 120.426 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007502.D

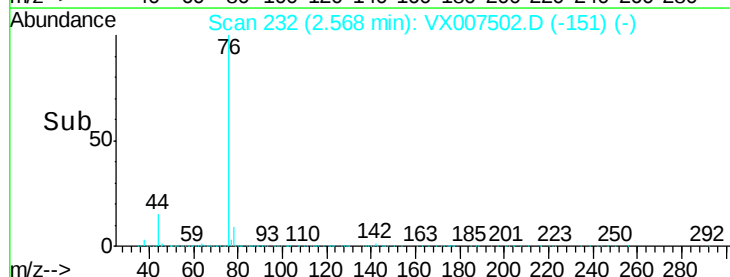
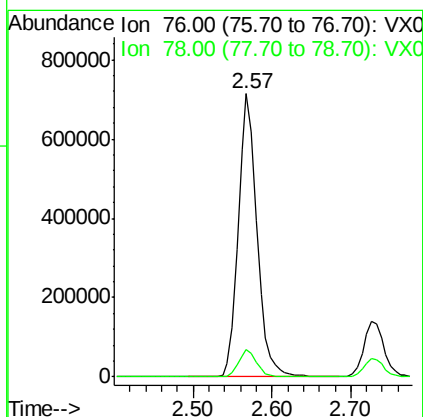
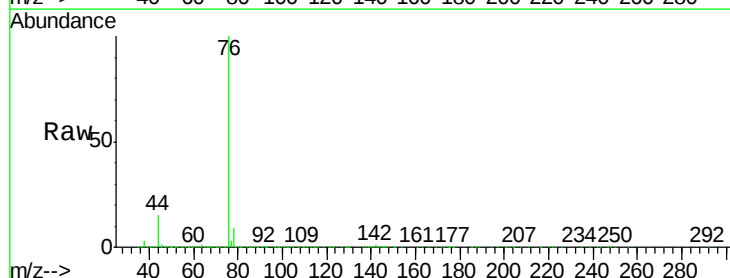
Acq: 12 Feb 2019 23:55

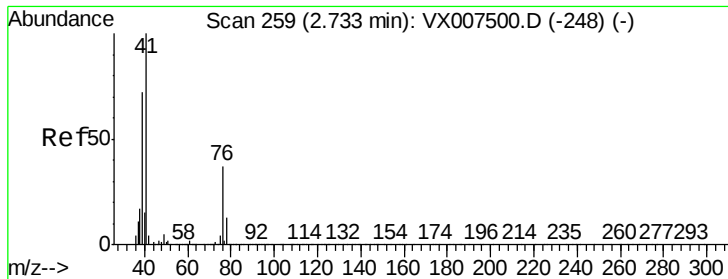
Tgt Ion: 76 Resp: 1179472

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

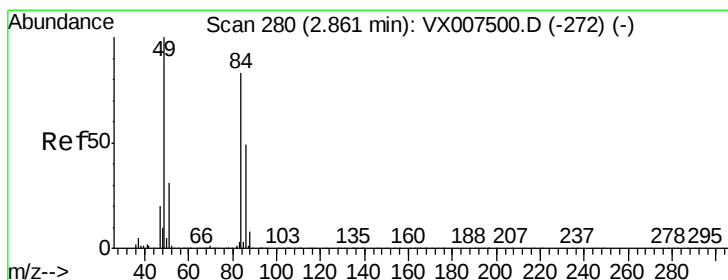
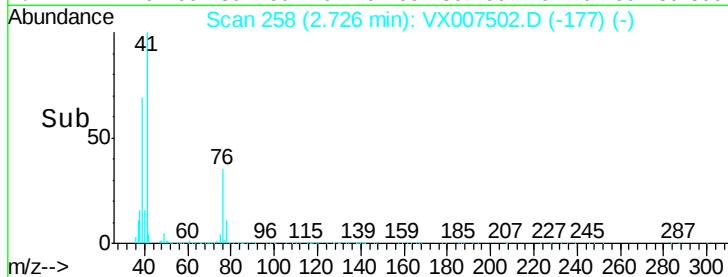
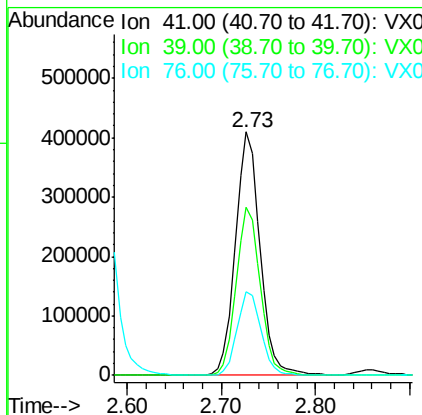
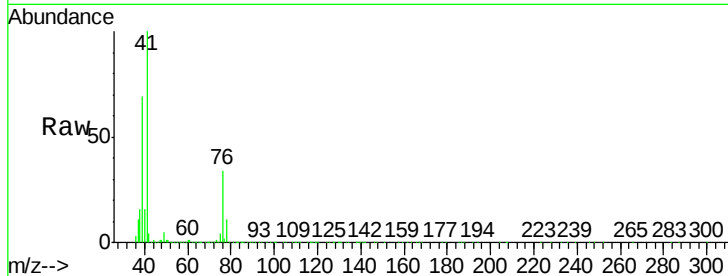




#17
 Allyl chloride
 Concen: 109.334 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

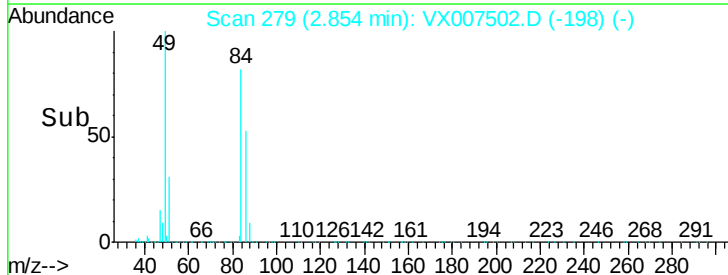
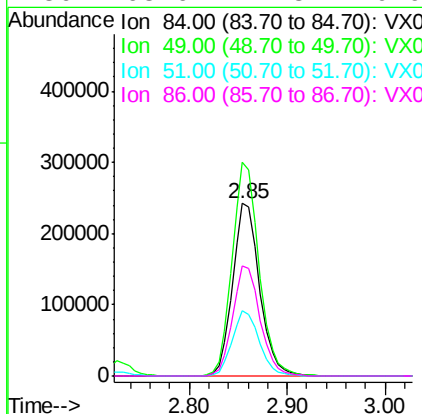
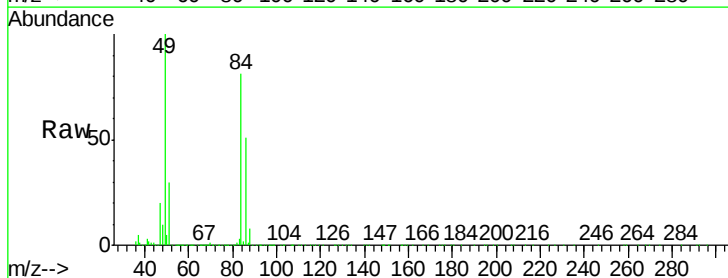
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

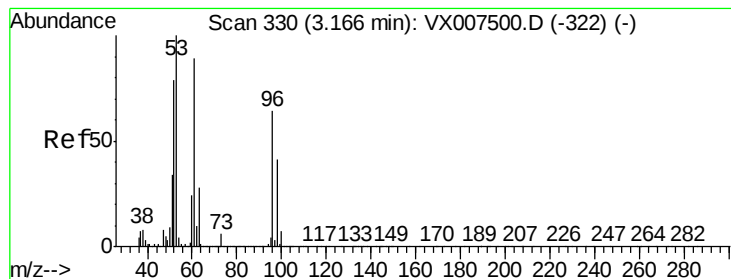
Tgt Ion: 41 Resp: 745968
 Ion Ratio Lower Upper
 41 100
 39 69.0 35.8 107.4
 76 34.4 18.3 54.9



#18
 Methylene Chloride
 Concen: 102.637 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion: 84 Resp: 463836
 Ion Ratio Lower Upper
 84 100
 49 123.9 96.1 144.1
 51 37.6 29.1 43.7
 86 63.6 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 106.992 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

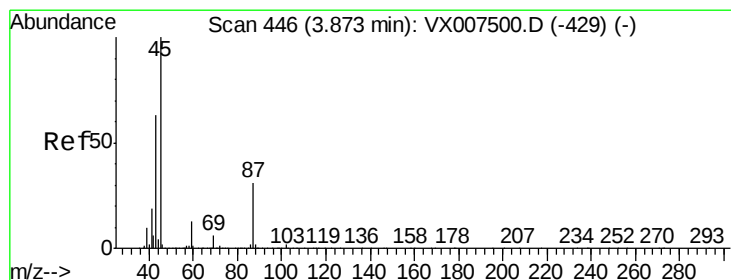
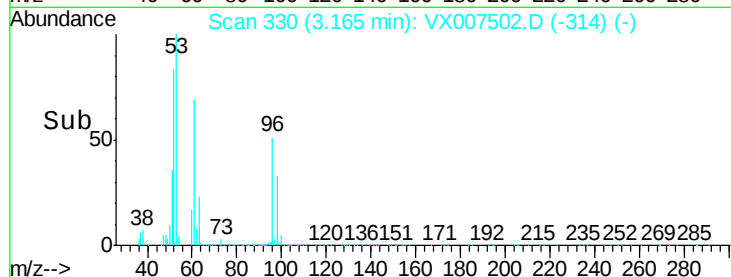
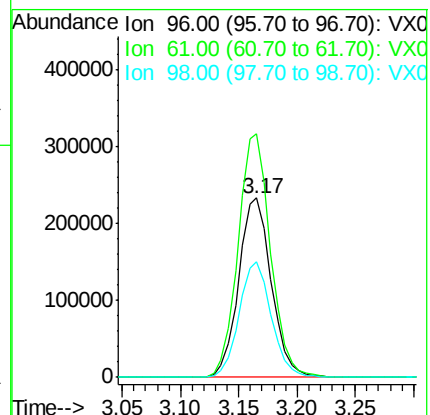
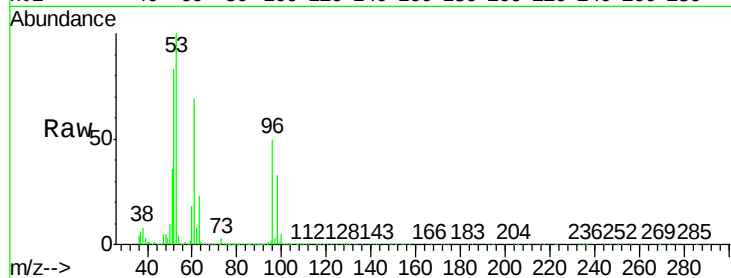
Tgt Ion: 96 Resp: 456761

Ion Ratio Lower Upper

96 100

61 135.6 109.9 164.9

98 64.7 50.4 75.6



#20

Diisopropyl ether

Concen: 108.682 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Tgt Ion: 45 Resp: 1387154

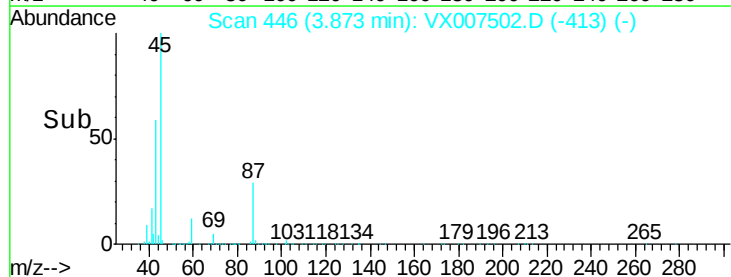
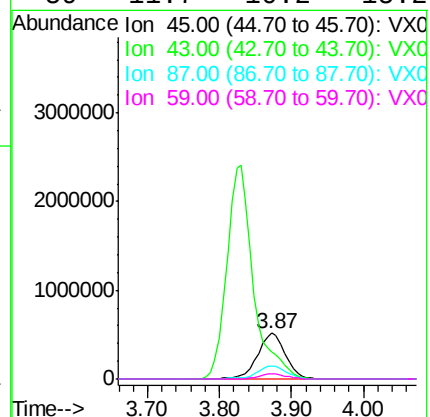
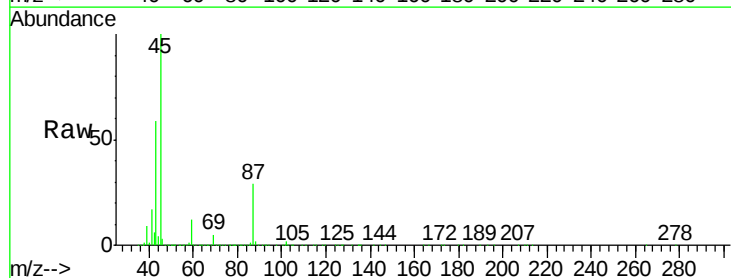
Ion Ratio Lower Upper

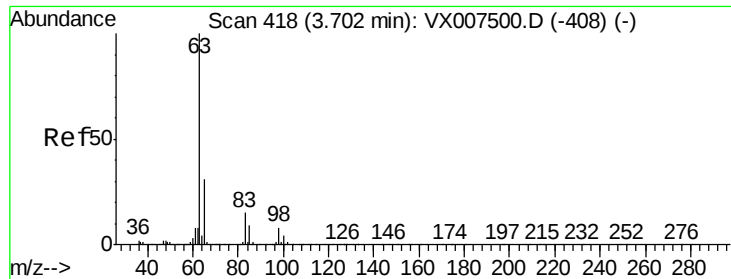
45 100

43 59.1 50.6 76.0

87 29.3 24.5 36.7

59 11.7 10.2 15.2

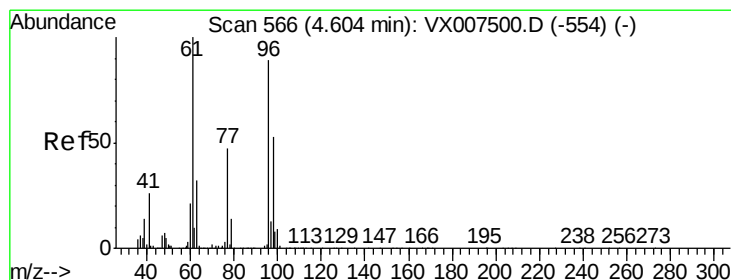
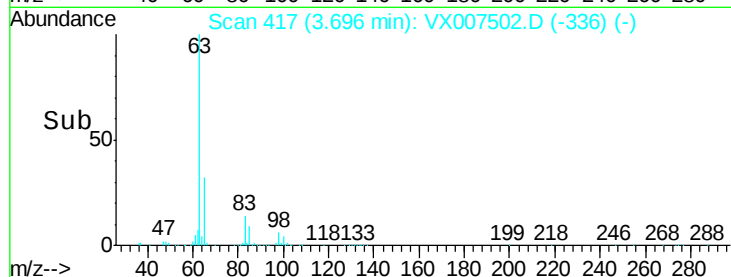
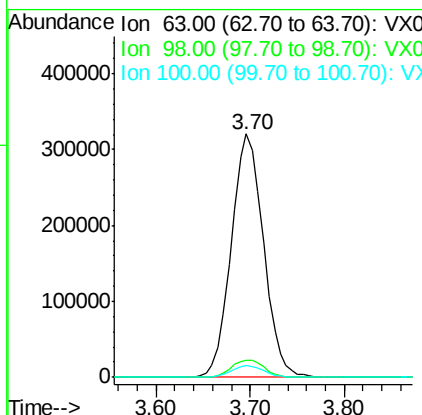
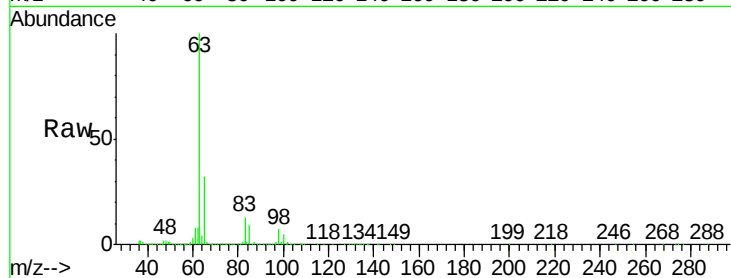




#21
 1,1-Dichloroethane
 Concen: 105.107 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

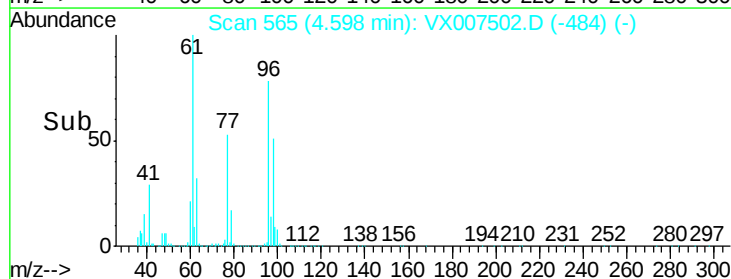
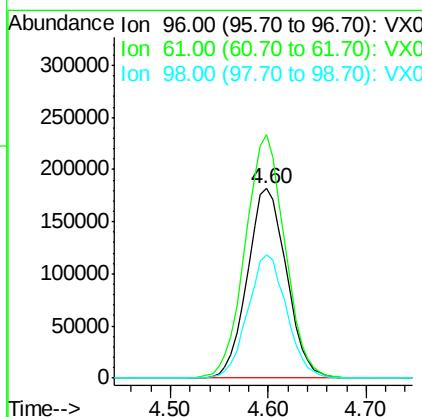
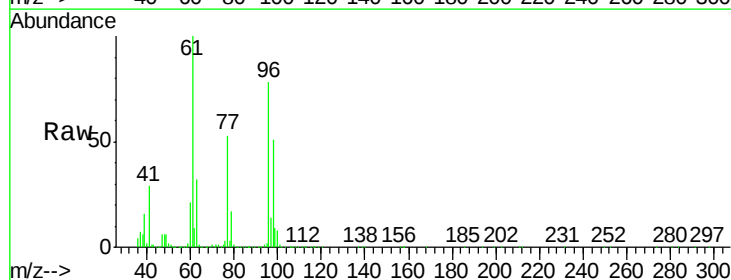
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

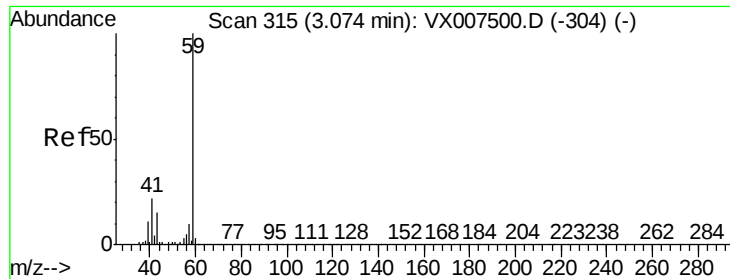
Tgt Ion:	63	Resp:	761989
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.8	11.4
100	4.6	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 107.427 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion:	96	Resp:	506754
Ion	Ratio	Lower	Upper
96	100		
61	129.8	103.5	155.3
98	64.2	52.1	78.1

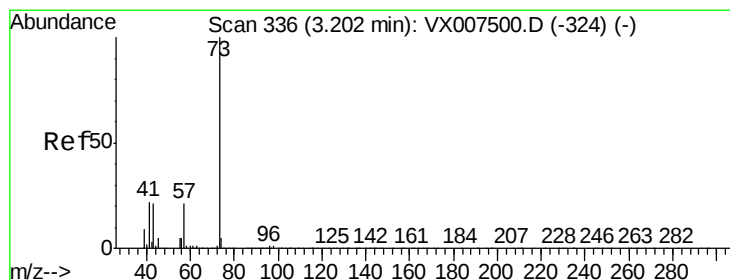
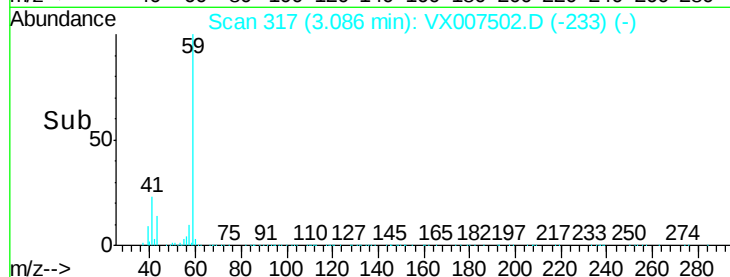
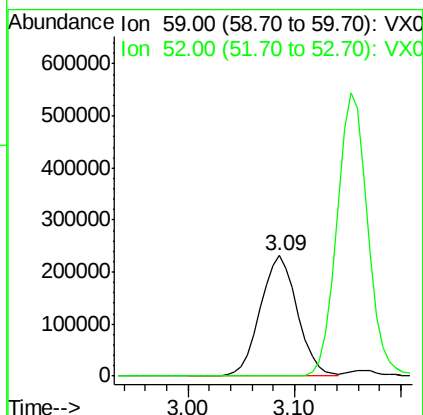
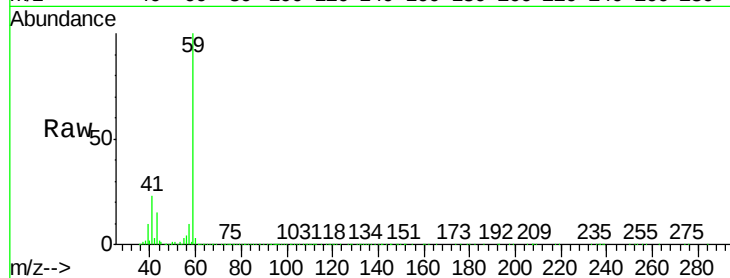




#23
 tert-Butyl Alcohol
 Concen: 535.891 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

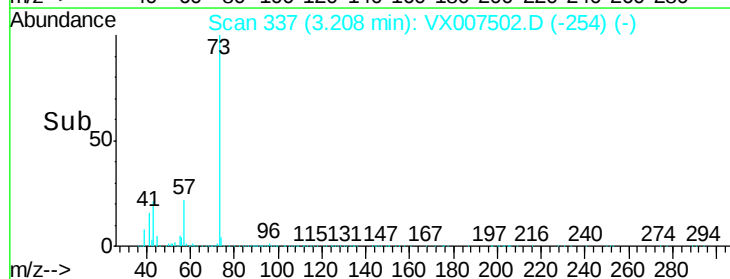
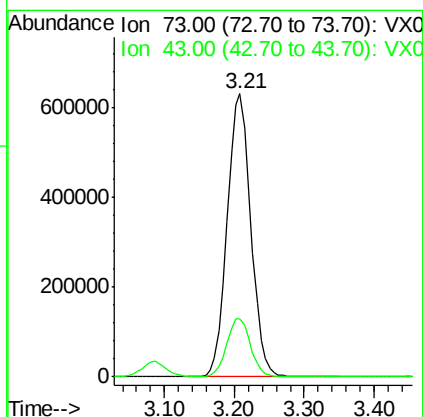
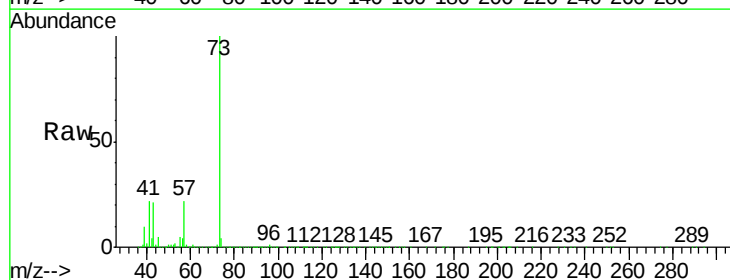
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

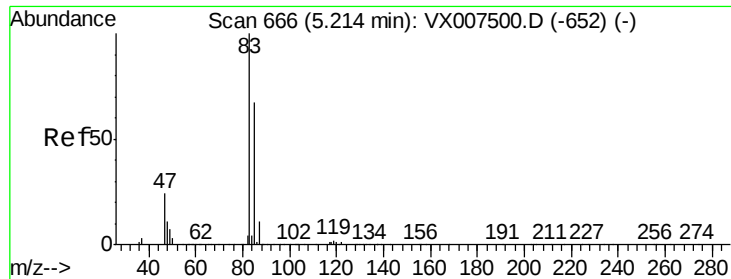
Tgt Ion: 59 Resp: 562490
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



#24
 Methyl tert-Butyl Ether
 Concen: 106.921 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion: 73 Resp: 1475794
 Ion Ratio Lower Upper
 73 100
 43 20.9 17.1 25.7

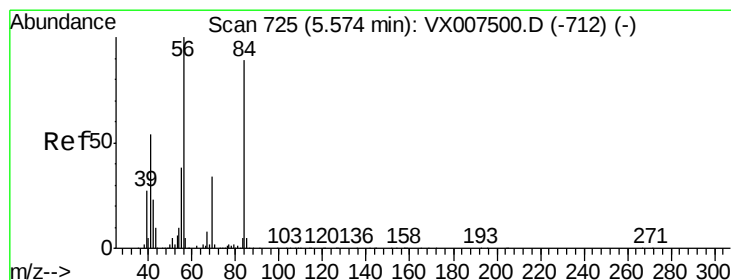
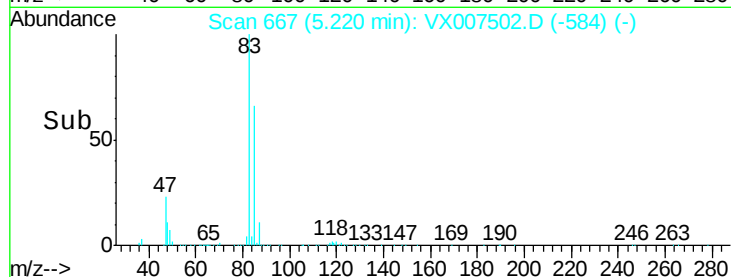
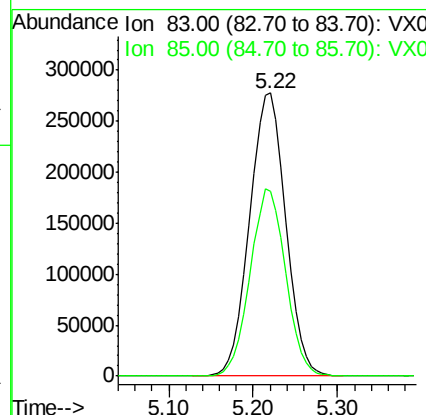
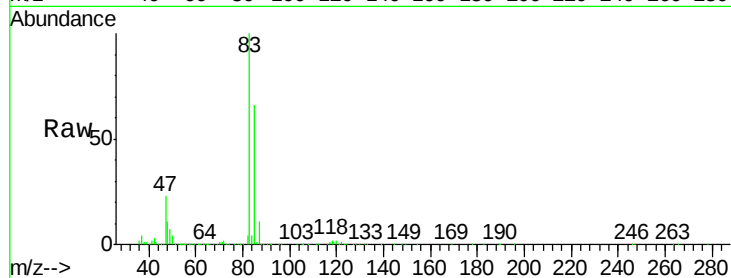




#25
Chloroform
Concen: 107.420 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

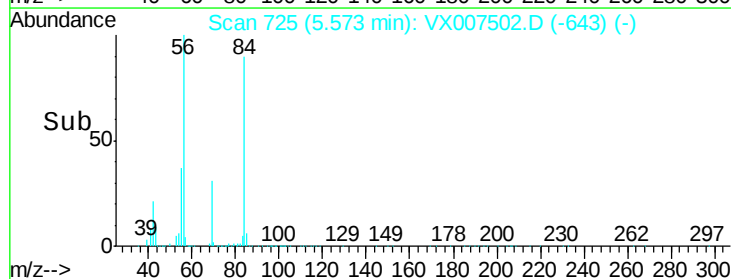
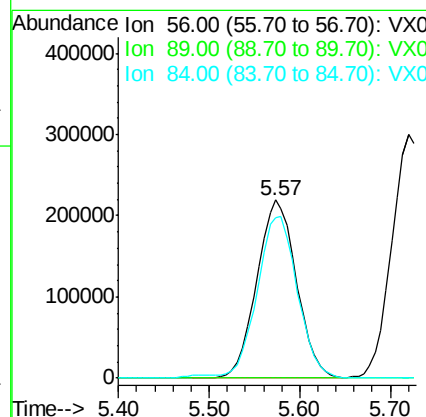
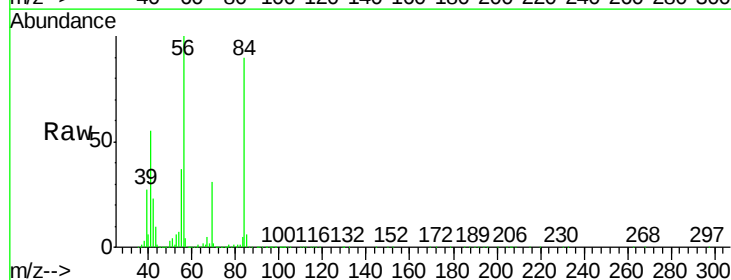
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

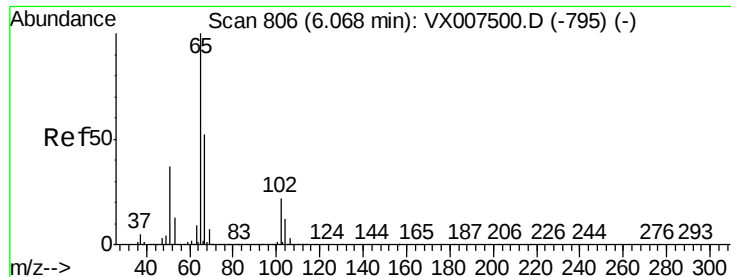
Tgt Ion: 83 Resp: 808633
Ion Ratio Lower Upper
83 100
85 65.5 53.8 80.6



#26
Cyclohexane
Concen: 107.558 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 56 Resp: 661516
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 92.3 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.347 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

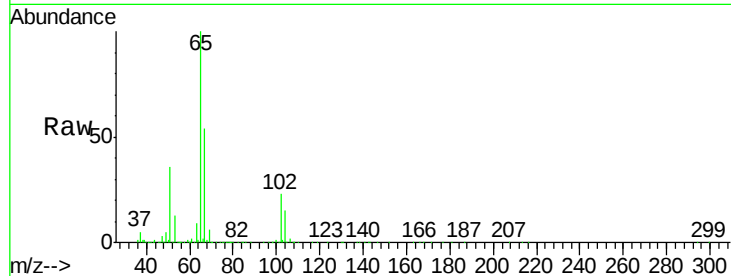
VSTDIC100

Tgt Ion: 65 Resp: 149602

Ion Ratio Lower Upper

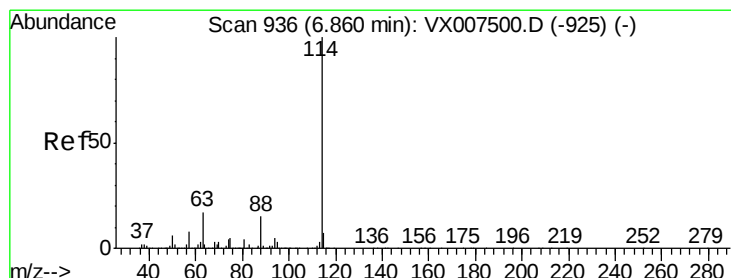
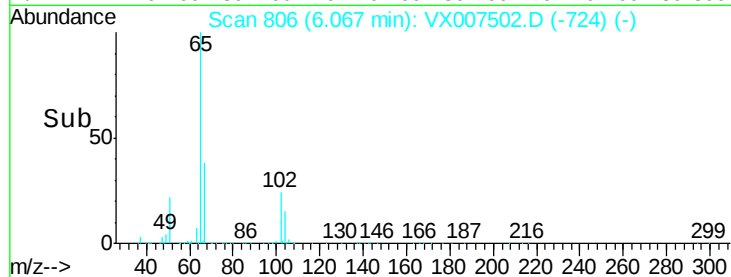
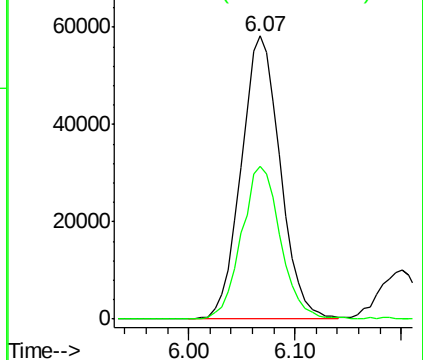
65 100

67 53.5 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

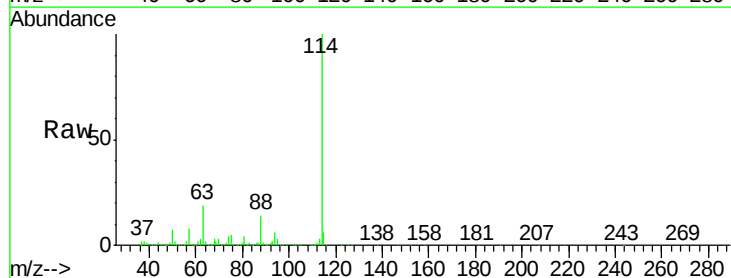
Tgt Ion: 114 Resp: 414143

Ion Ratio Lower Upper

114 100

63 18.7 14.2 21.4

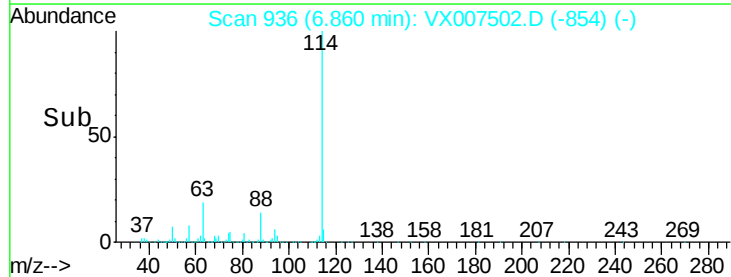
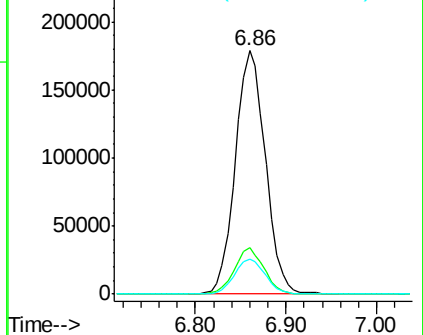
88 14.8 11.9 17.9

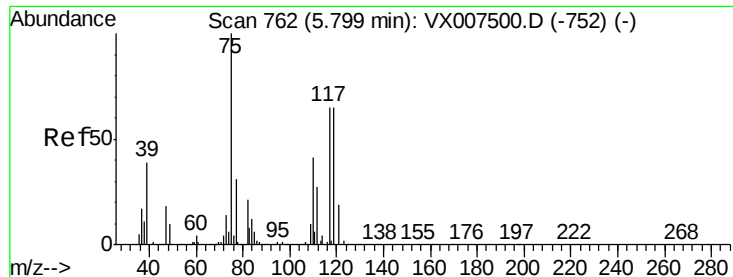


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

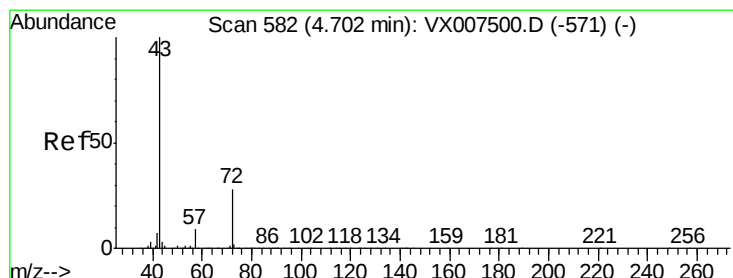
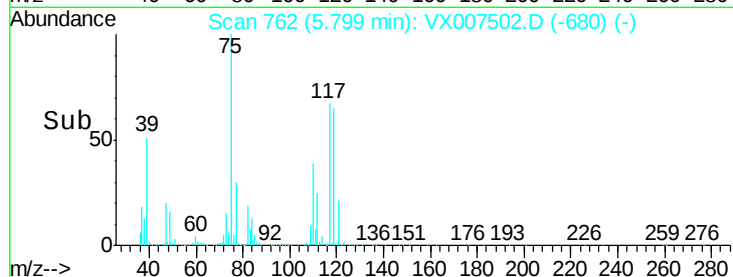
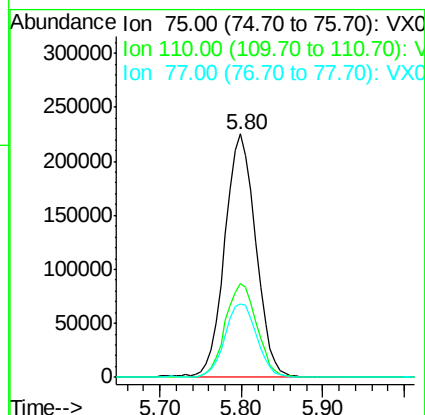
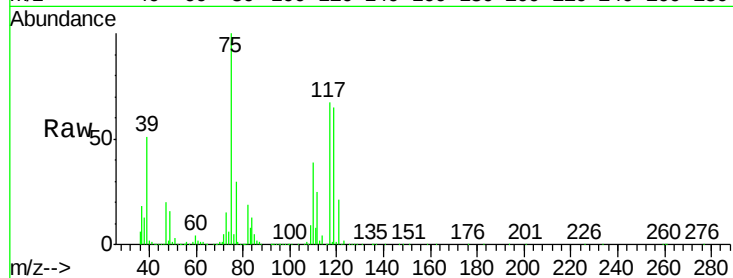




#29
 1,1-Dichloropropene
 Concen: 107.686 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

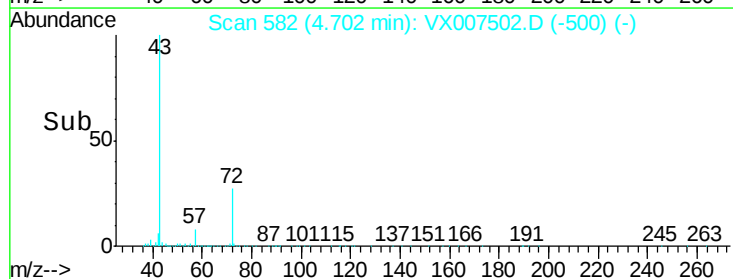
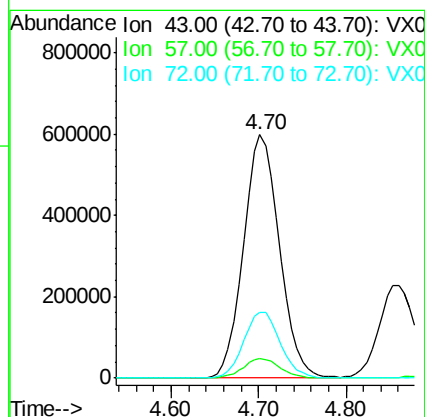
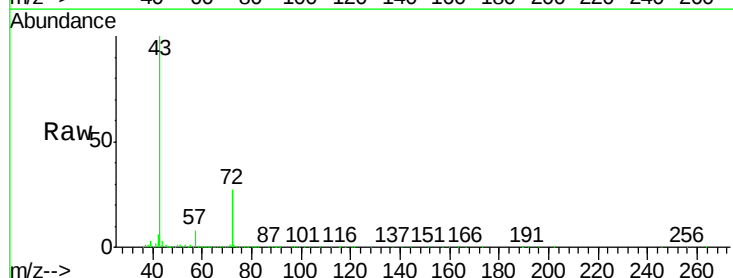
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

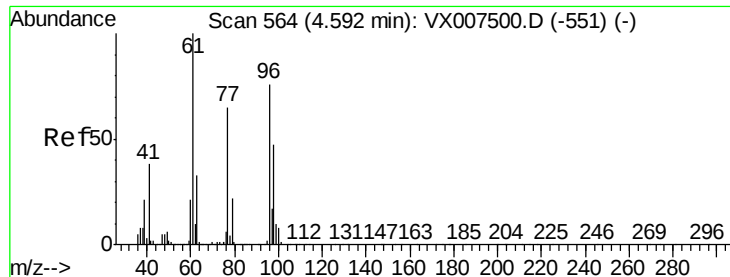
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	0.0	80.8
77	31.2	0.0	62.4



#30
 2-Butanone
 Concen: 524.319 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	7.0	10.6
72	27.5	21.5	32.3





#31

2,2-Dichloropropane

Concen: 89.730 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

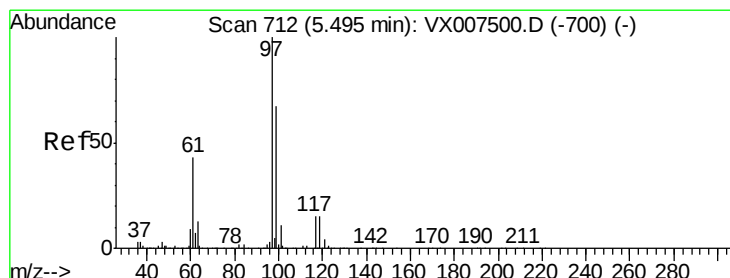
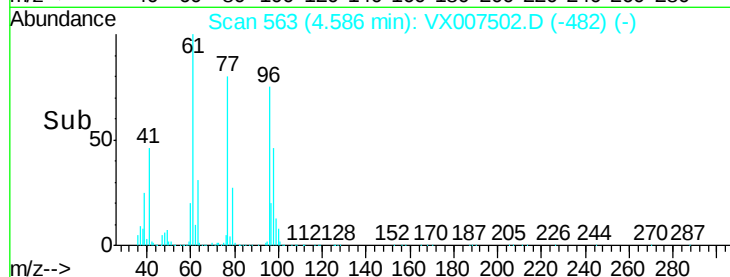
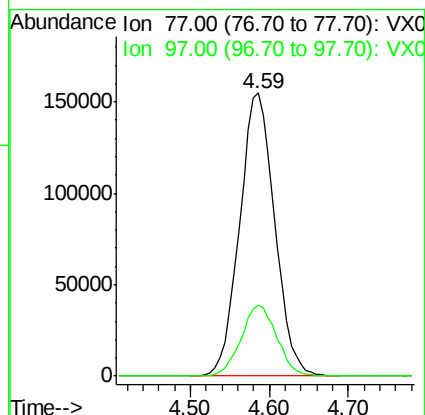
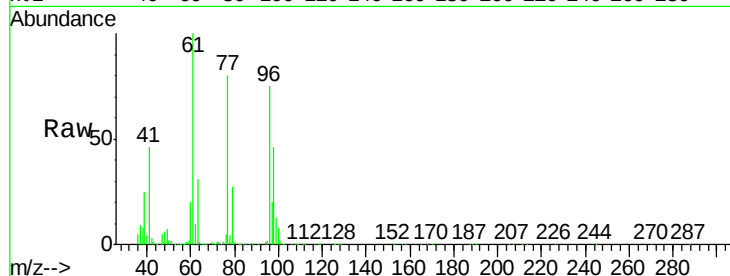
VSTDIC100

Tgt Ion: 77 Resp: 479084

Ion Ratio Lower Upper

77 100

97 25.2 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 109.006 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

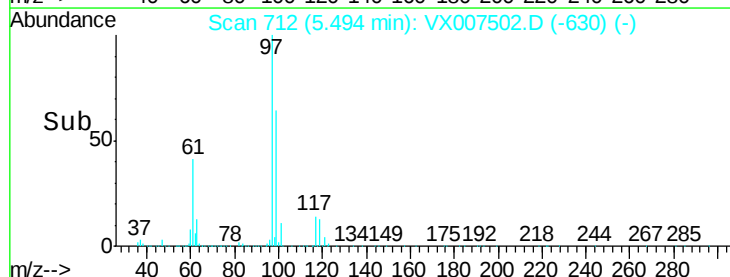
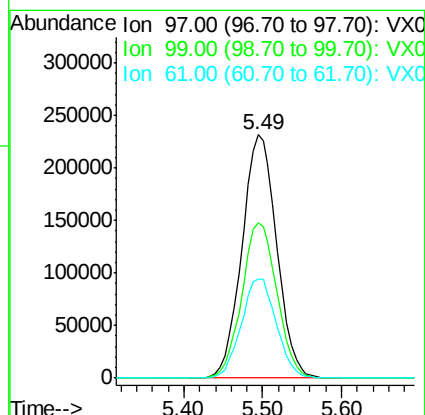
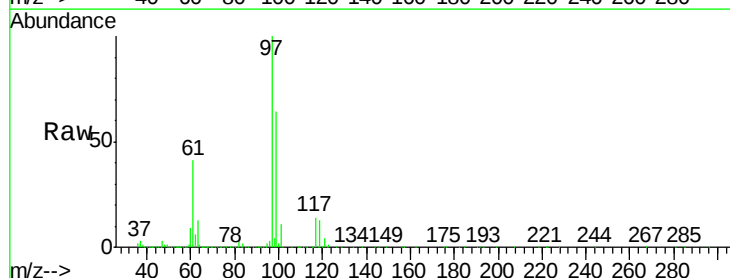
Tgt Ion: 97 Resp: 710195

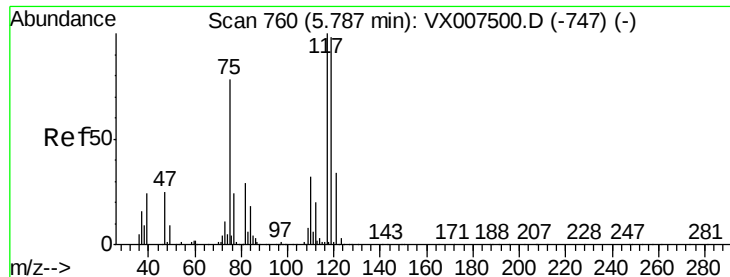
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 41.0 32.8 49.2





#33

Carbon Tetrachloride

Concen: 111.291 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

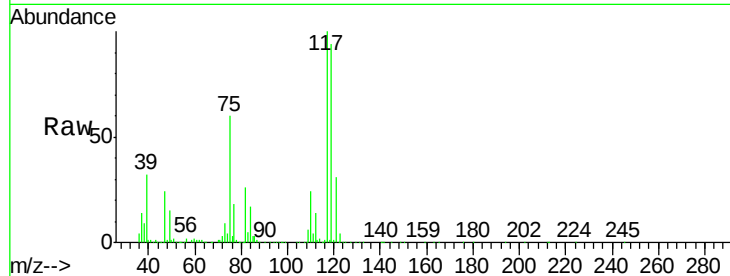
Tgt Ion:117 Resp: 638104

Ion Ratio Lower Upper

117 100

119 94.2 78.1 117.1

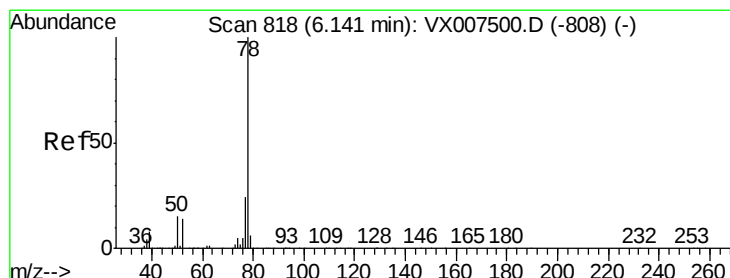
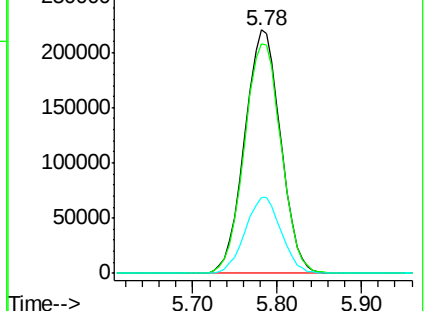
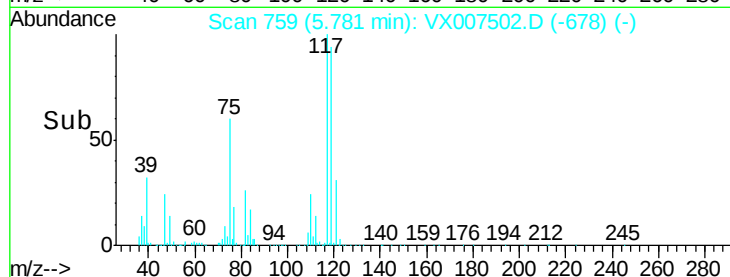
121 31.0 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 107.210 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

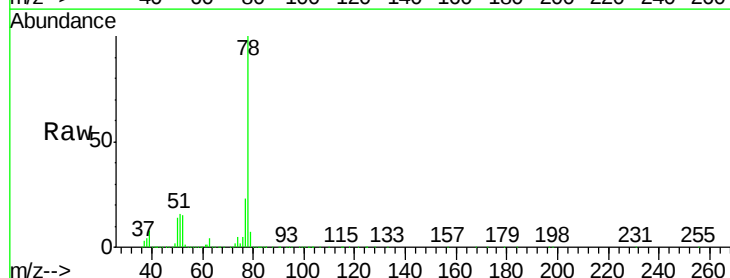
Tgt Ion: 78 Resp: 1820133

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

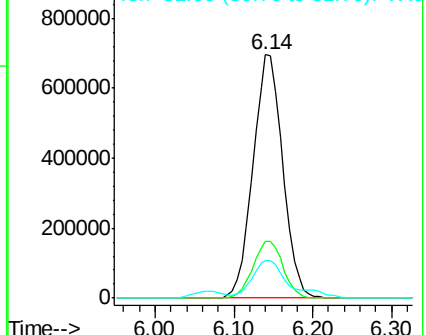
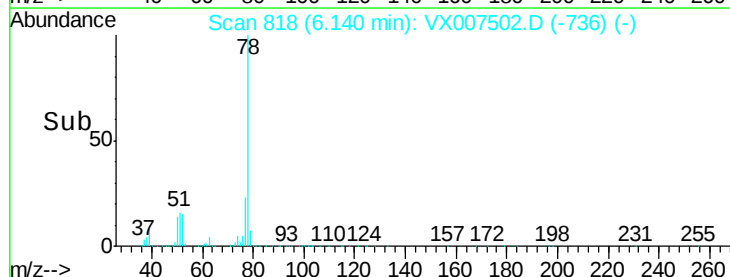
51 15.1 10.8 16.2

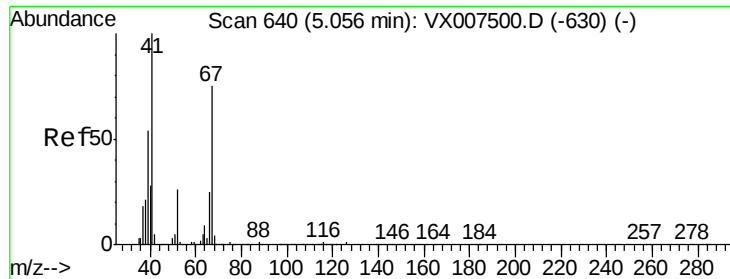


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

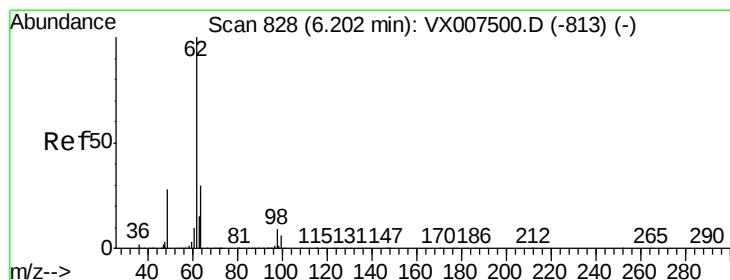
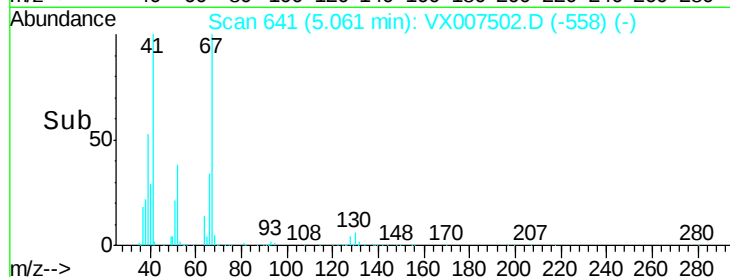
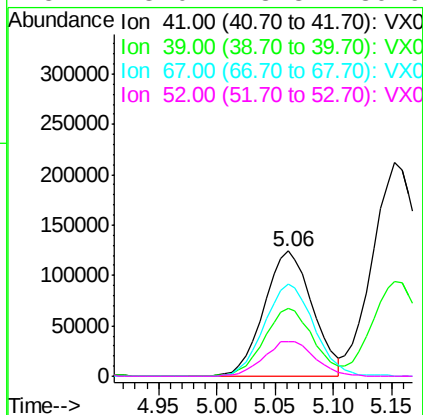
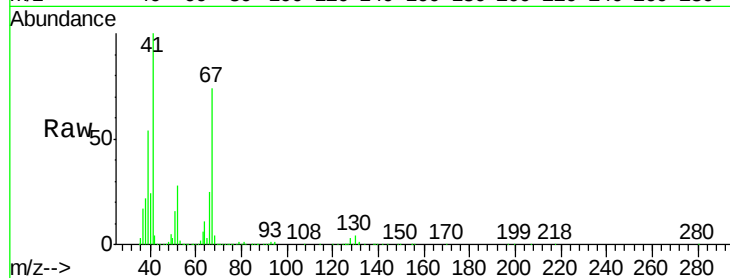




#35
Methacrylonitrile
Concen: 107.037 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

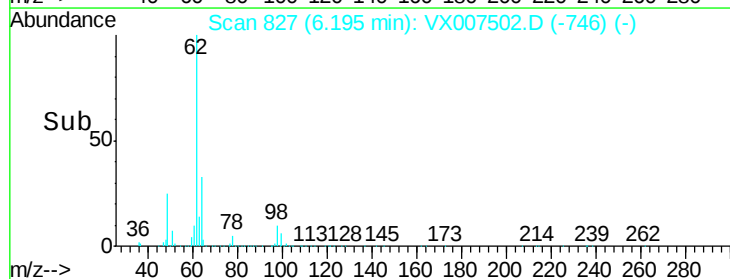
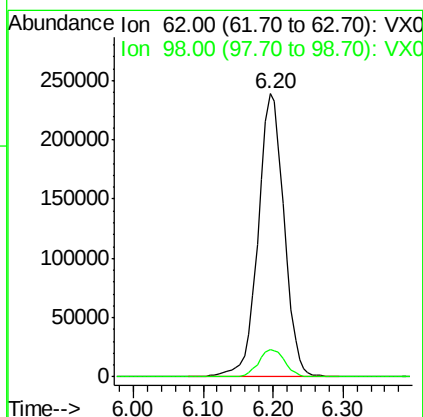
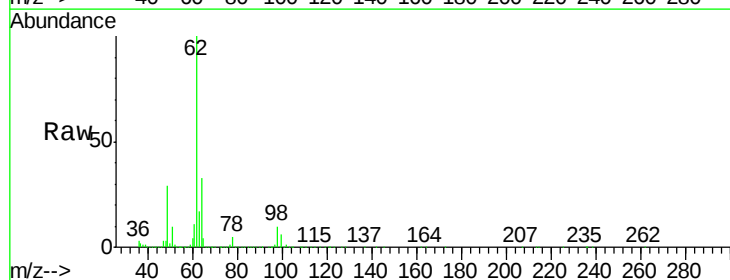
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

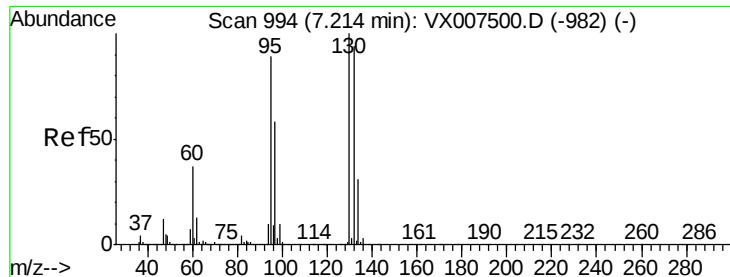
Tgt Ion:	41	Resp:	357472
Ion	Ratio	Lower	Upper
41	100		
39	53.5	27.4	82.0
67	73.6	37.9	113.6
52	28.0	13.3	39.9



#36
1,2-Dichloroethane
Concen: 105.521 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion:	62	Resp:	616484
Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.8	11.8





#37

Trichloroethene

Concen: 105.468 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampled :

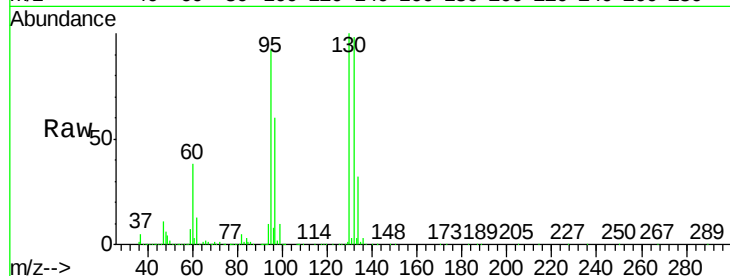
VSTDIC100

Tgt Ion:130 Resp: 525709

Ion Ratio Lower Upper

130 100

95 91.7 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

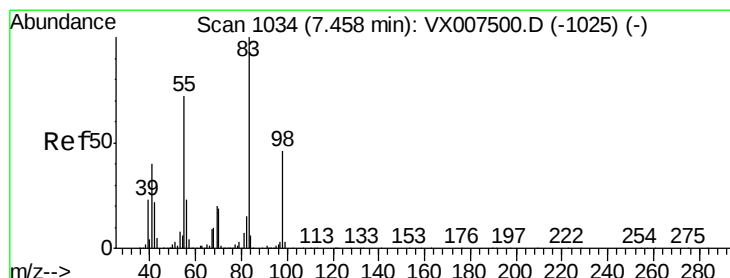
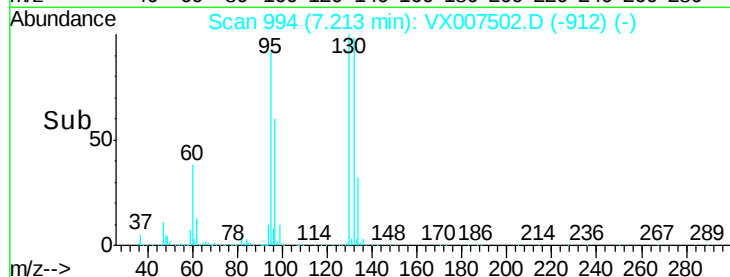
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 99.719 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

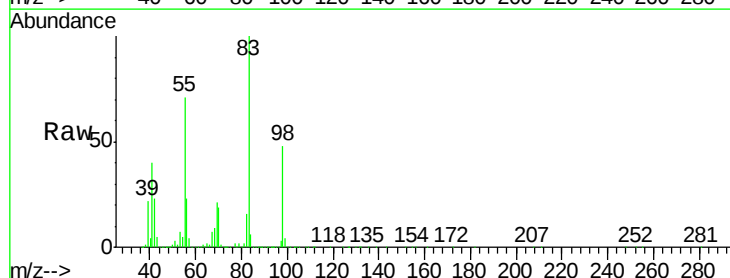
Tgt Ion: 83 Resp: 686022

Ion Ratio Lower Upper

83 100

55 70.6 36.0 108.0

98 47.9 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

7.46

400000

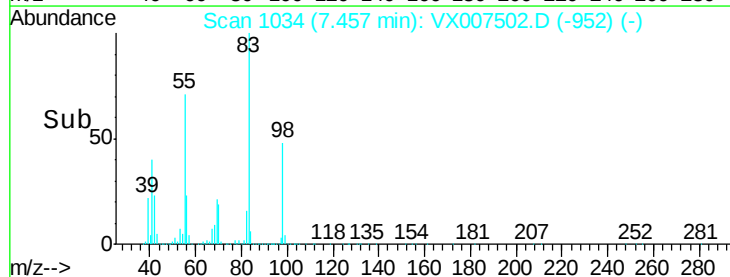
300000

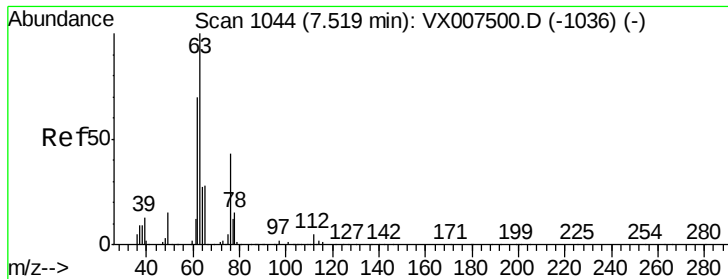
200000

100000

0

Time--> 7.40 7.50 7.60

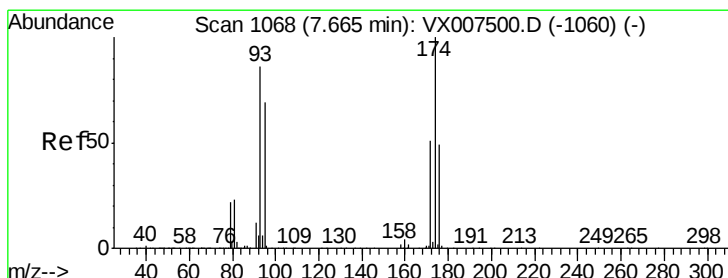
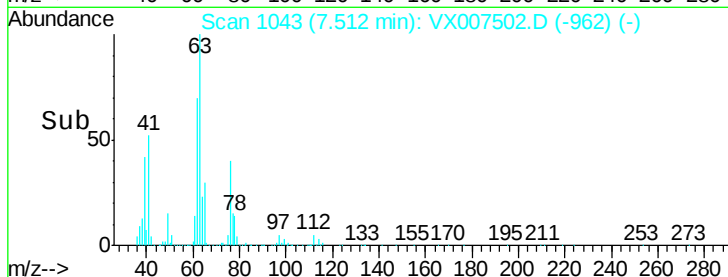
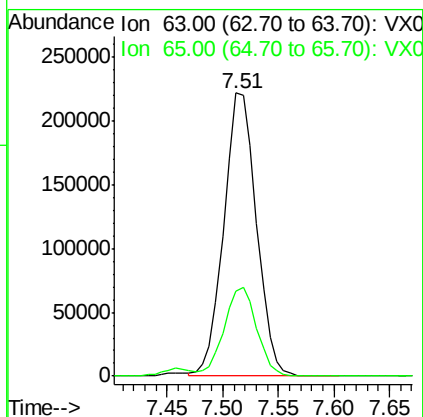
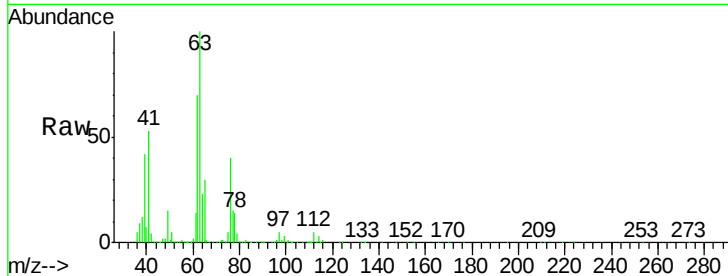




#39
 1,2-Dichloropropane
 Concen: 105.883 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

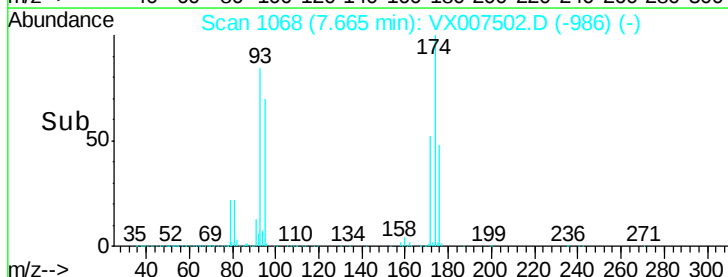
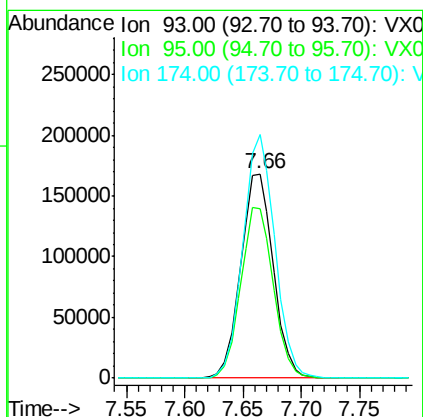
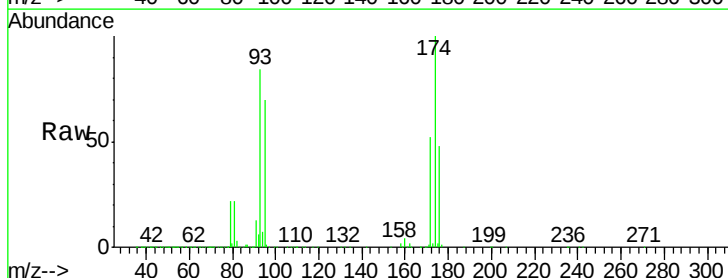
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

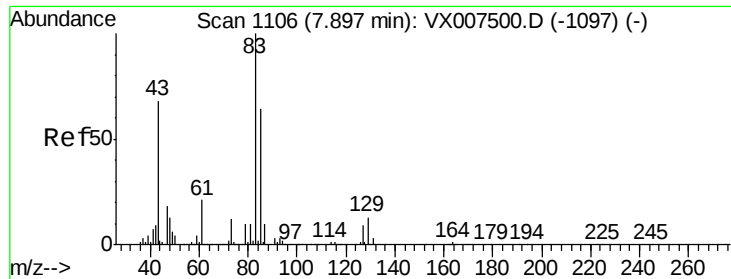
Tgt Ion: 63 Resp: 451065
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0



#40
 Dibromomethane
 Concen: 106.264 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion: 93 Resp: 328081
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 158.8
 174 116.8 0.0 224.2





#41

Bromodichloromethane

Concen: 112.637 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

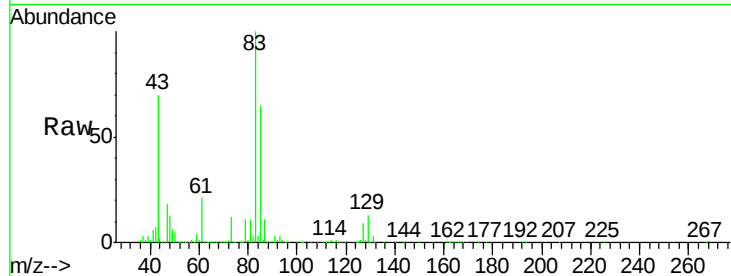
Tgt Ion: 83 Resp: 608720

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

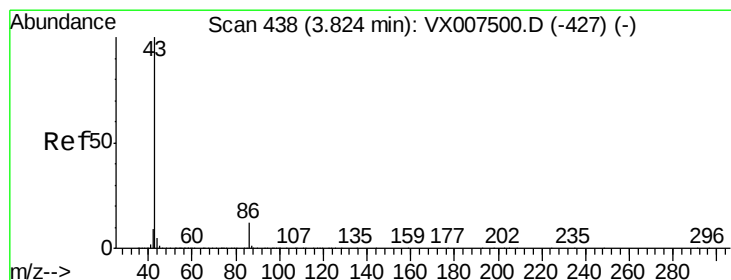
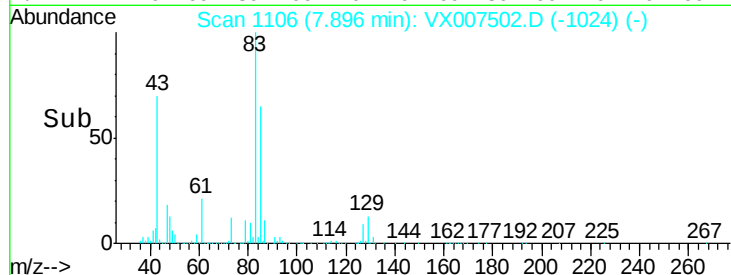
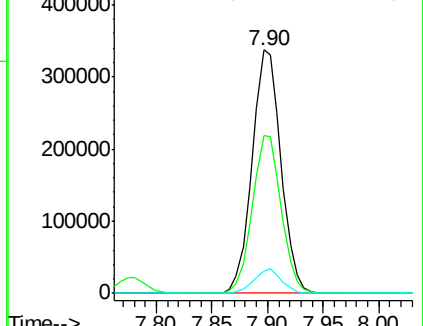
127 9.3 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 549.875 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007502.D

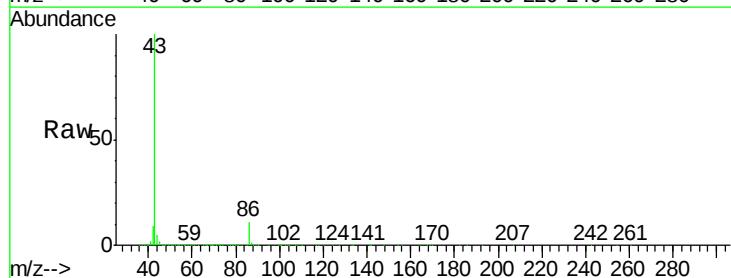
Acq: 12 Feb 2019 23:55

Tgt Ion: 43 Resp: 6179224

Ion Ratio Lower Upper

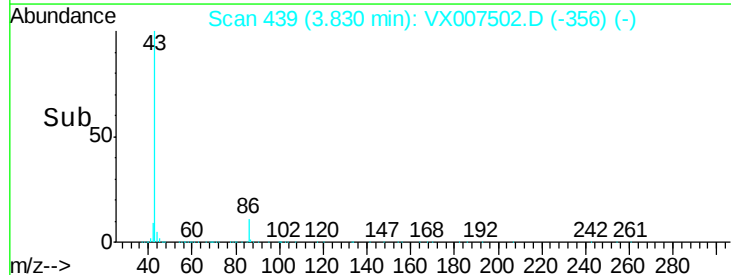
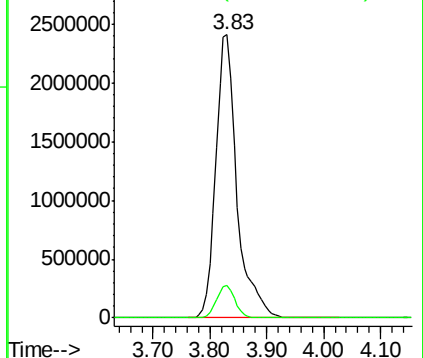
43 100

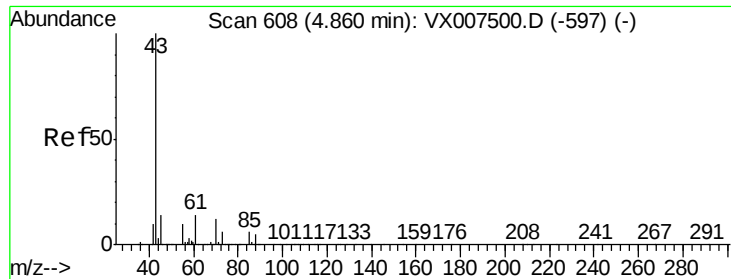
86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

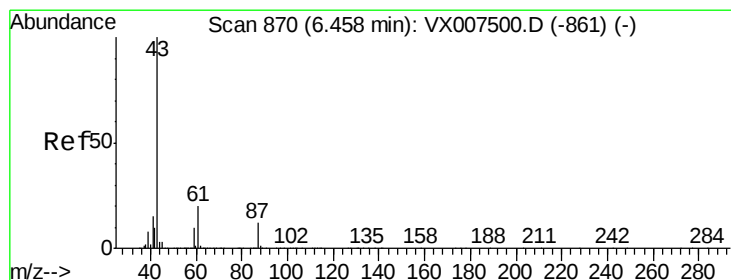
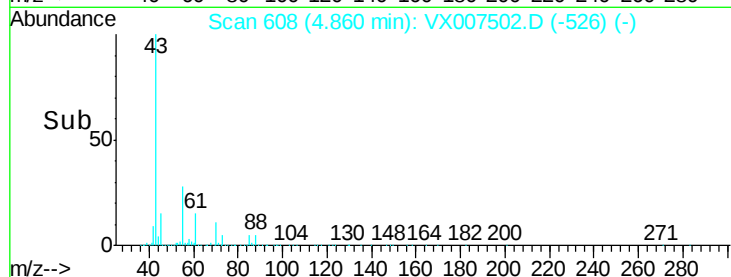
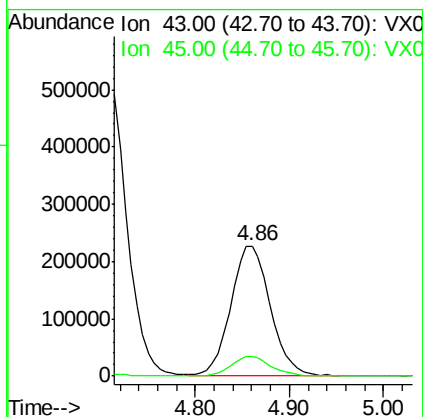
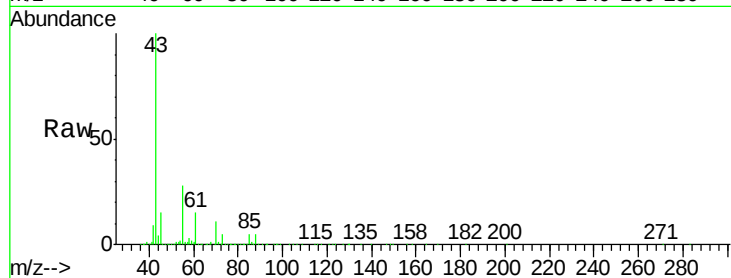




#43
Ethyl Acetate
Concen: 108.047 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

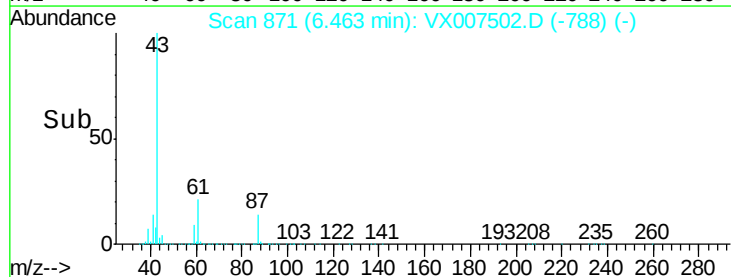
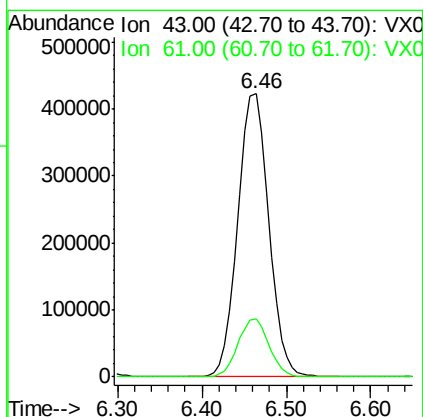
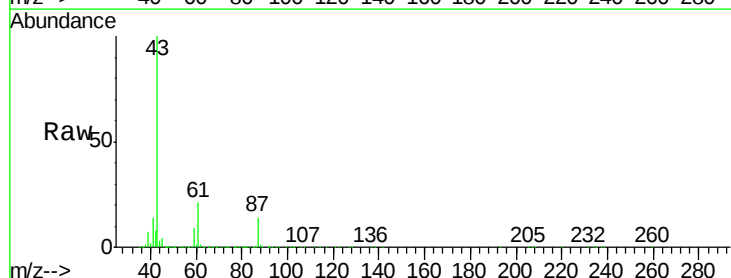
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

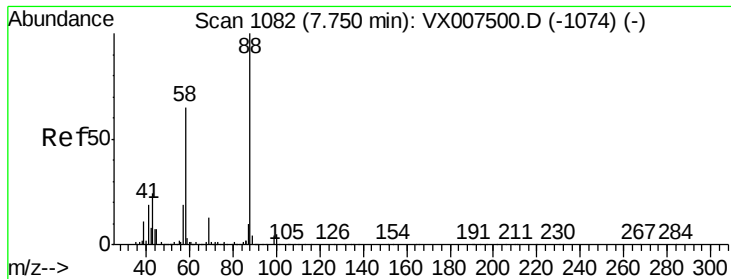
Tgt Ion: 43 Resp: 664962
Ion Ratio Lower Upper
43 100
45 15.2 6.9 10.3#



#44
Isopropyl Acetate
Concen: 109.873 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 43 Resp: 1051290
Ion Ratio Lower Upper
43 100
61 20.5 16.1 24.1

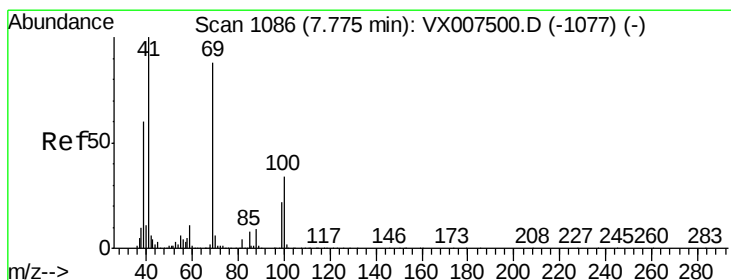
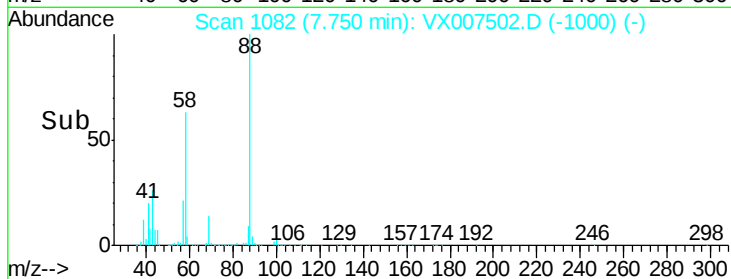
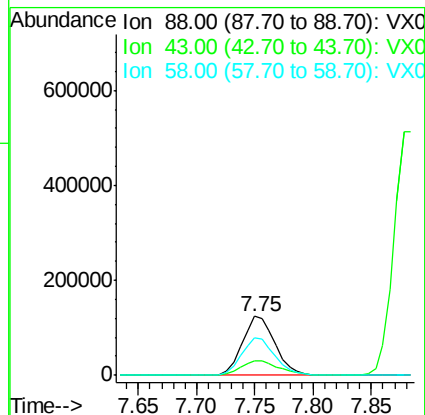
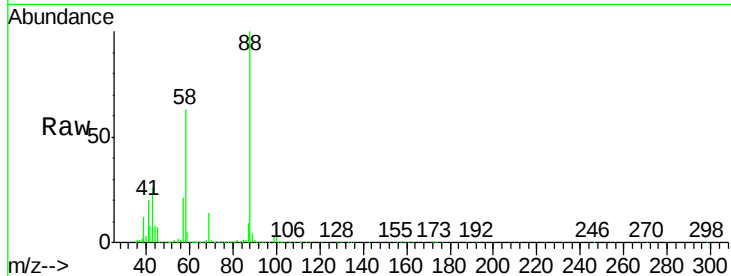




#45
1,4-Dioxane
Concen: 2106.609 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

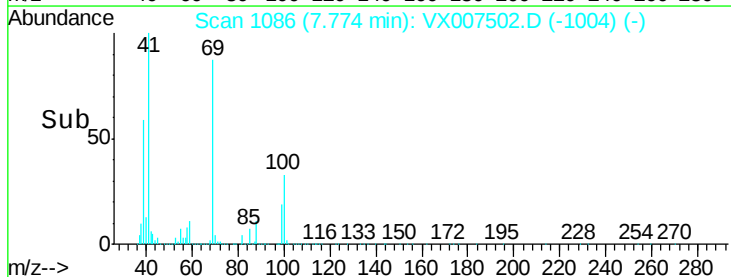
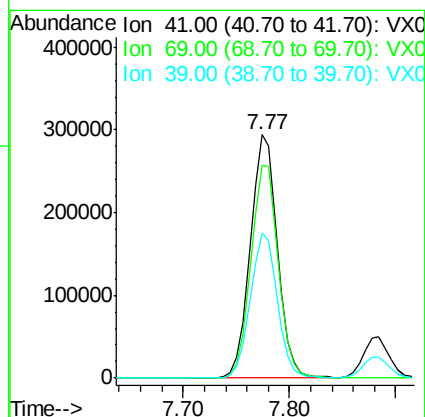
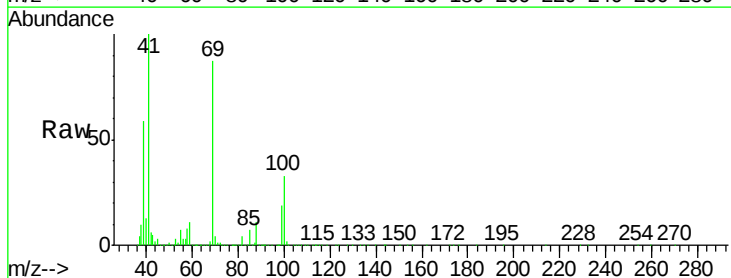
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

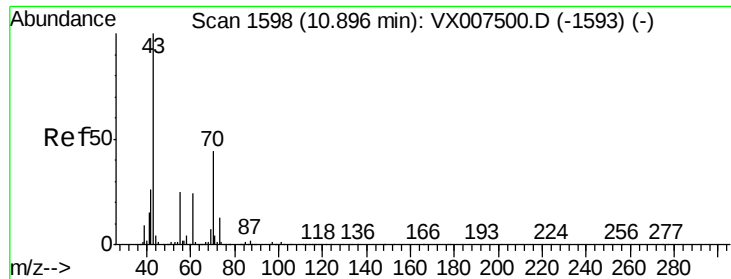
Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.6	35.4
58	64.0	51.6	77.4



#46
Methyl methacrylate
Concen: 107.919 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.3	44.2	132.6
39	59.4	29.9	89.8

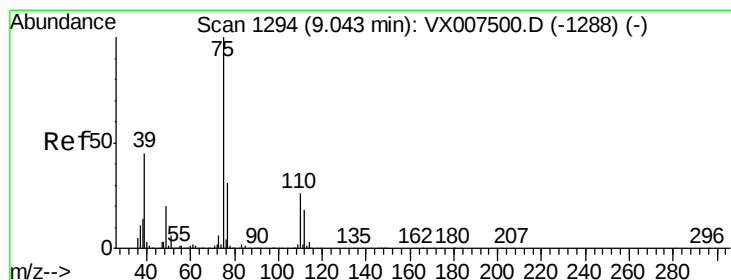
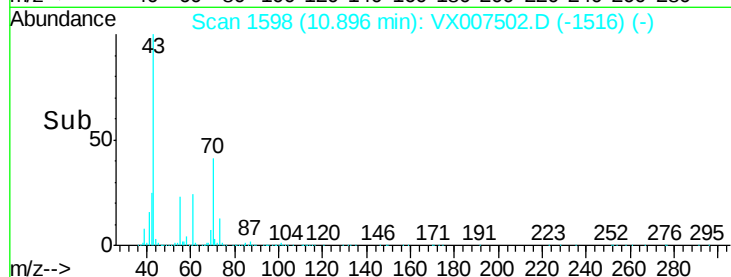
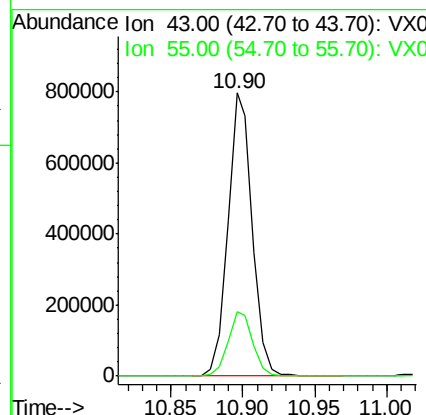
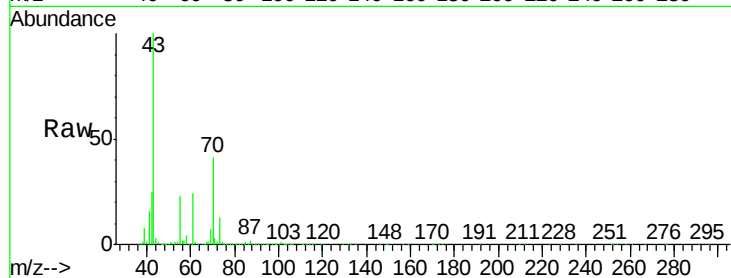




#47
n-amyl Acetate
Concen: 112.254 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

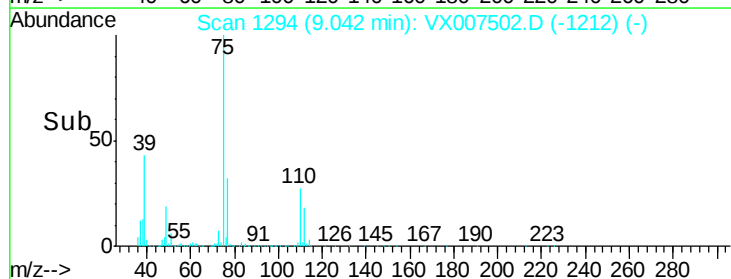
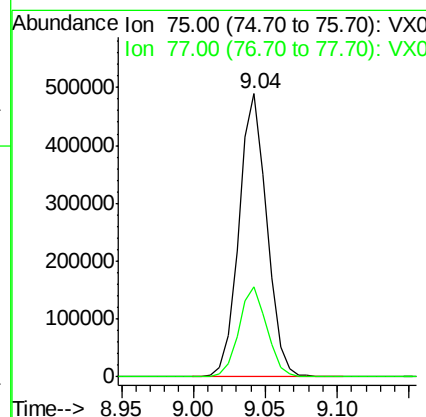
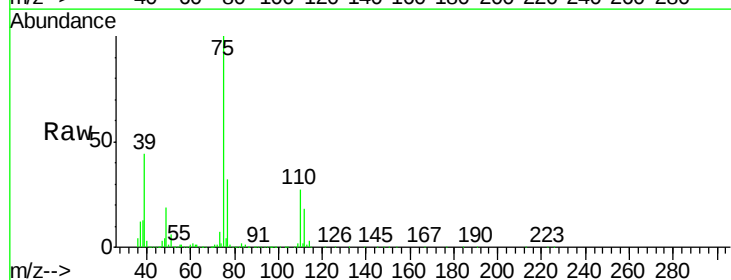
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

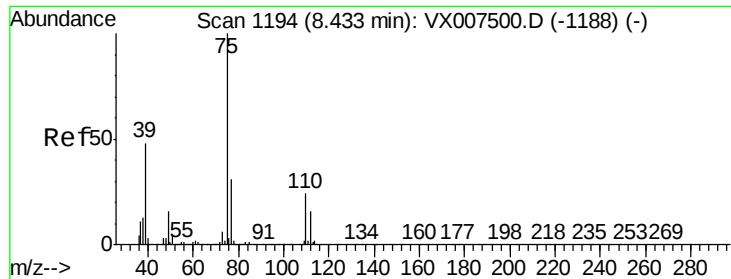
Tgt Ion: 43 Resp: 940899
Ion Ratio Lower Upper
43 100
55 23.3 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 113.423 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 75 Resp: 660303
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7



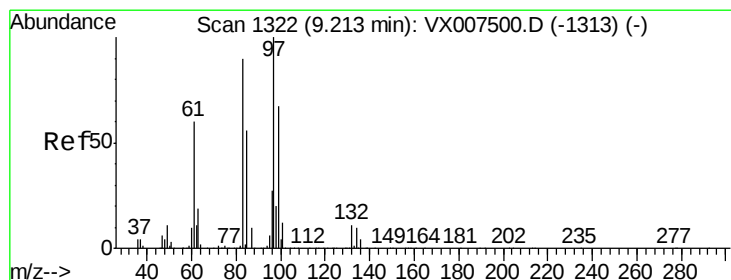
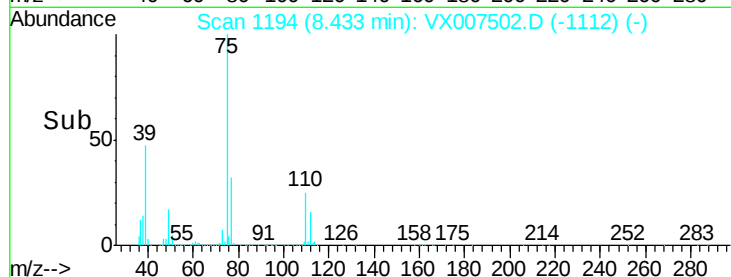
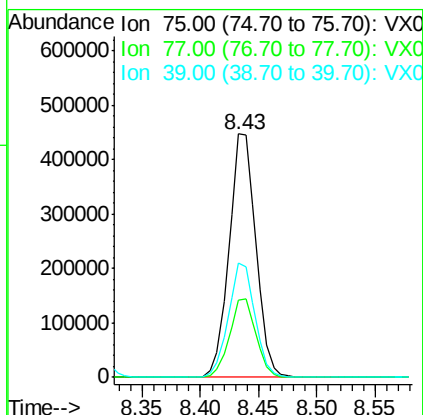
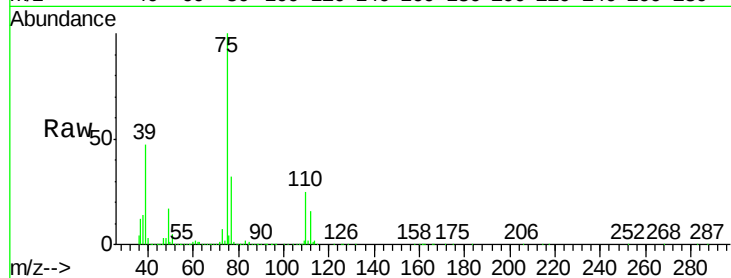


#49

cis-1,3-Dichloropropene
 Concen: 110.543 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

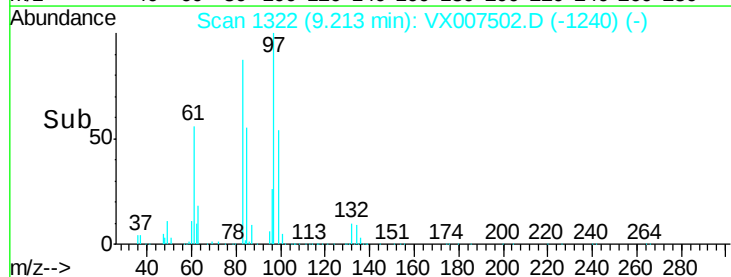
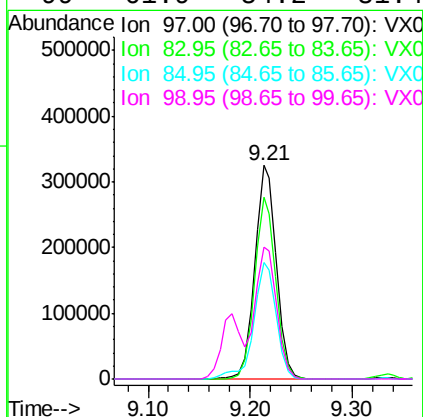
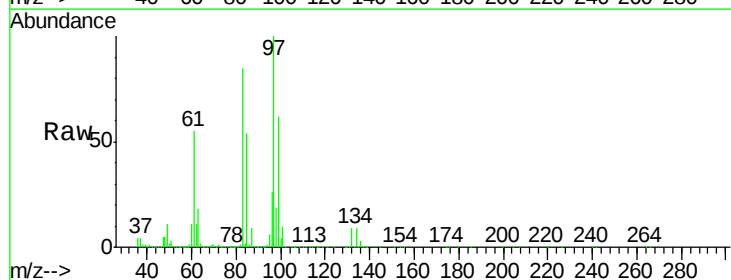
Tgt Ion:	75	Resp:	716063
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	46.7	38.5	57.7

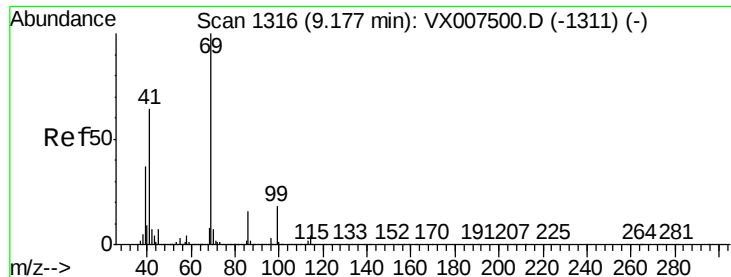


#50

1,1,2-Trichloroethane
 Concen: 104.809 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion:	97	Resp:	481307
Ion	Ratio	Lower	Upper
97	100		
83	85.2	72.0	108.0
85	54.4	45.0	67.6
99	61.9	54.2	81.4





#51

Ethyl methacrylate

Concen: 106.981 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

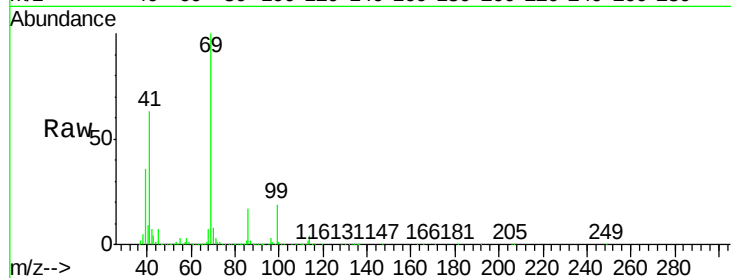
Tgt Ion: 69 Resp: 704258

Ion Ratio Lower Upper

69 100

41 63.2 32.1 96.5

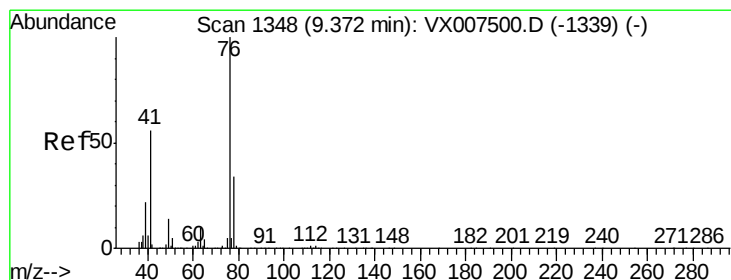
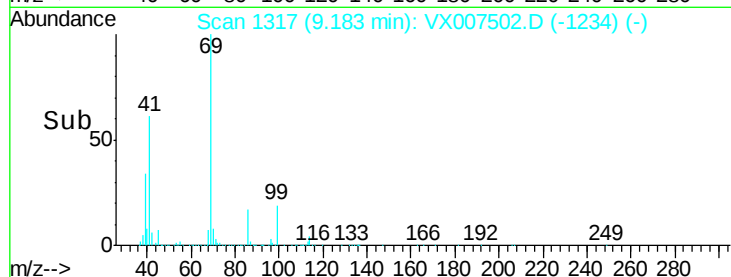
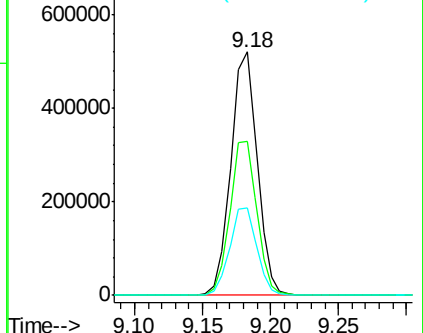
39 35.8 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 104.711 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007502.D

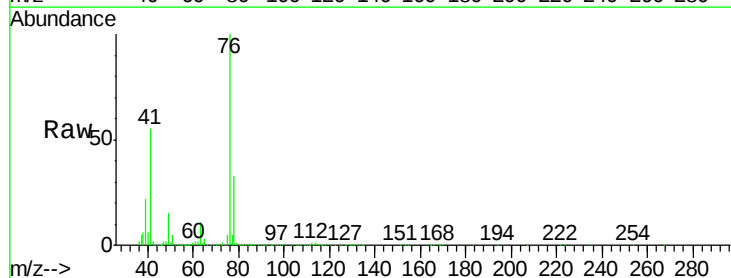
Acq: 12 Feb 2019 23:55

Tgt Ion: 76 Resp: 771344

Ion Ratio Lower Upper

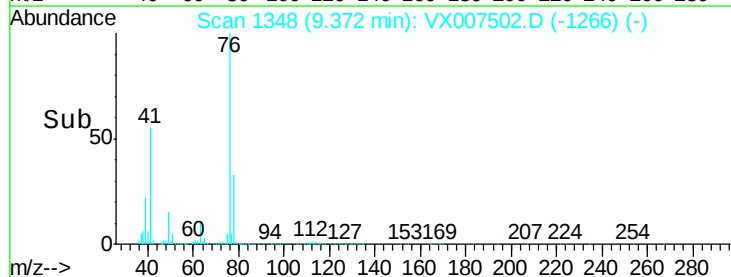
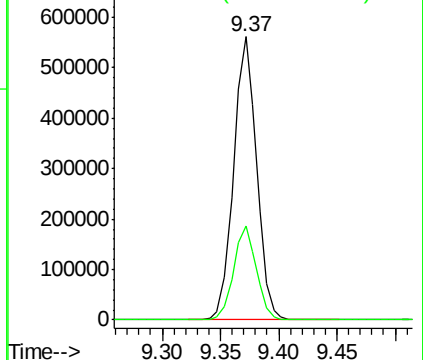
76 100

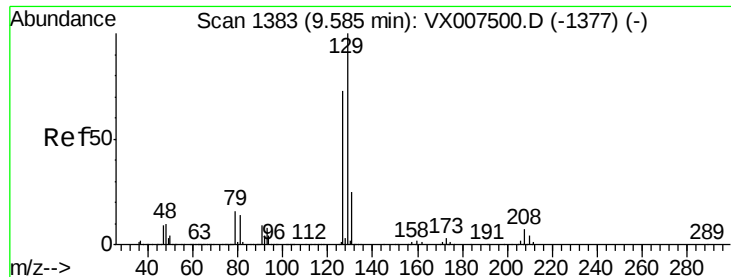
78 32.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 114.279 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

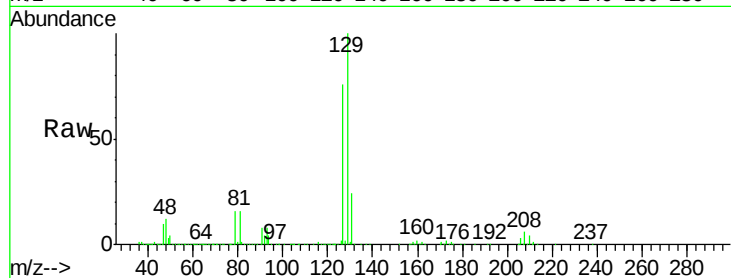
VSTDIC100

Tgt Ion:129 Resp: 531526

Ion Ratio Lower Upper

129 100

127 77.6 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

400000

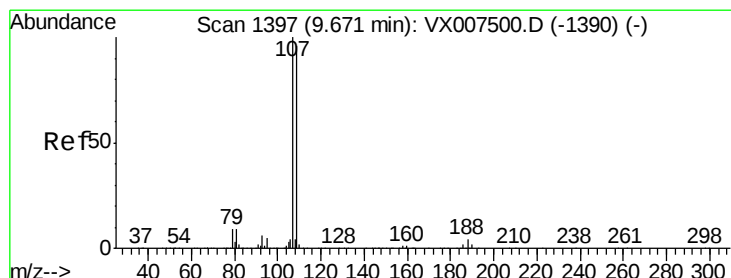
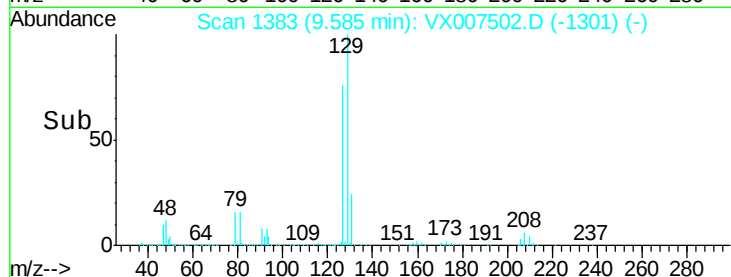
300000

200000

100000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 106.822 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007502.D

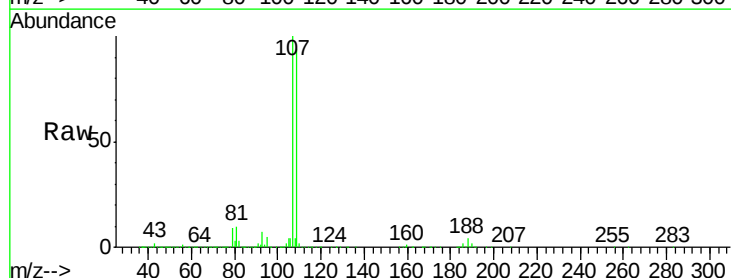
Acq: 12 Feb 2019 23:55

Tgt Ion:107 Resp: 526980

Ion Ratio Lower Upper

107 100

109 94.4 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

400000

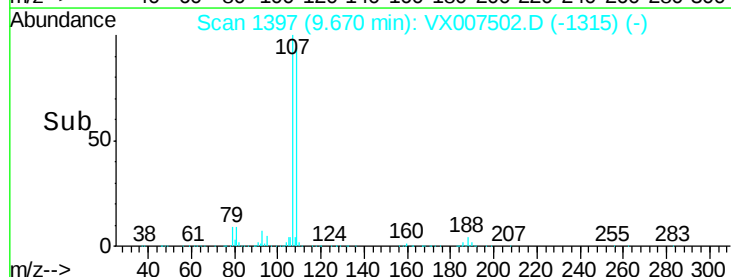
300000

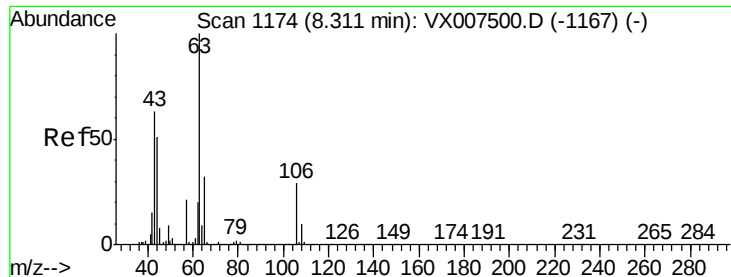
200000

100000

0

Time--> 9.60 9.65 9.70

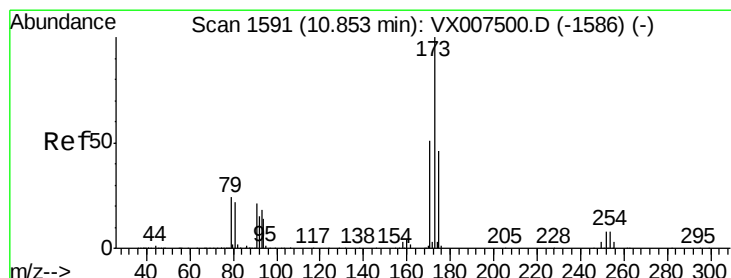
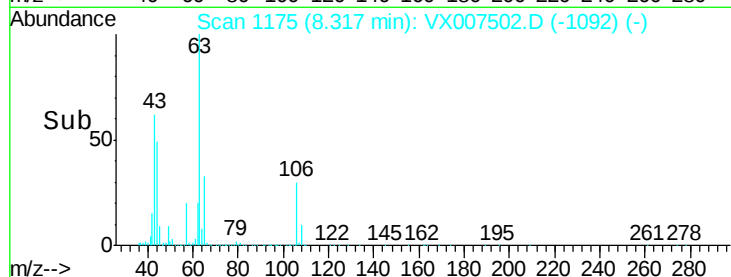
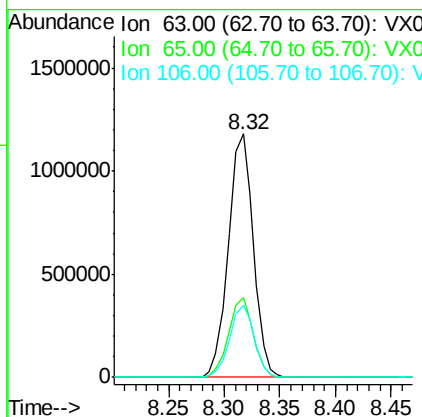
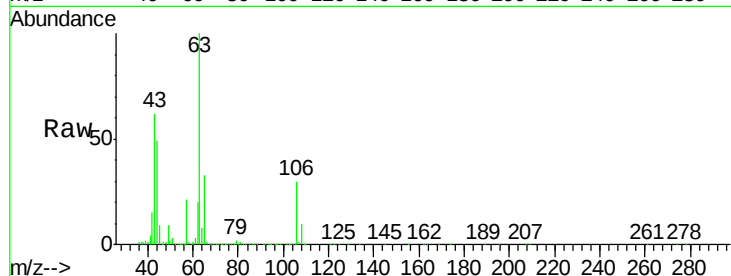




#55
 2-Chloroethyl vinyl ether
 Concen: 515.855 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

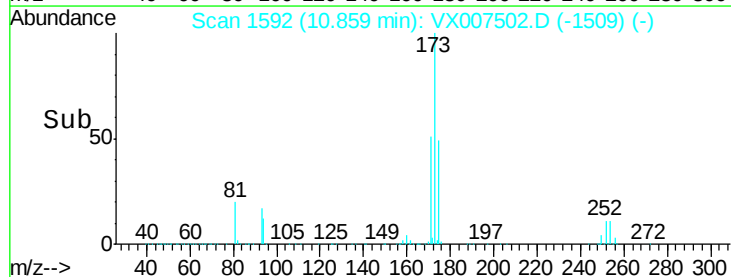
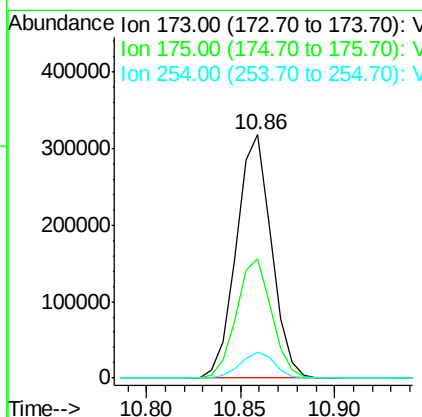
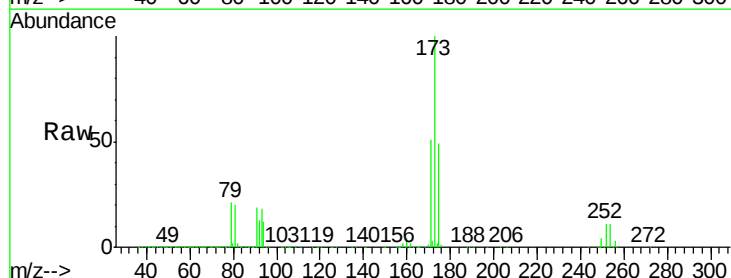
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

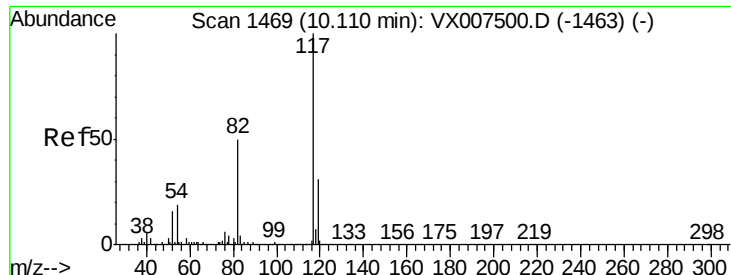
Tgt Ion: 63 Resp: 1824951
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.7 38.5
 106 29.2 23.7 35.5



#56
 Bromoform
 Concen: 115.877 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion: 173 Resp: 409876
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.5 57.7
 254 10.4 7.4 11.2

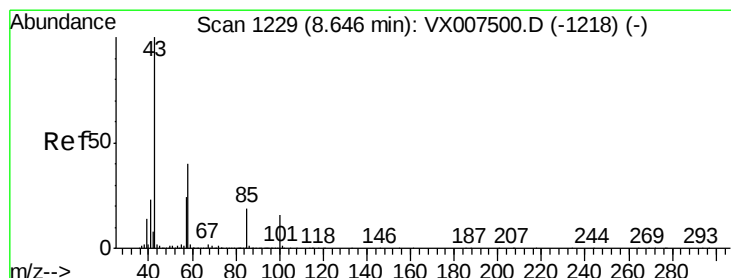
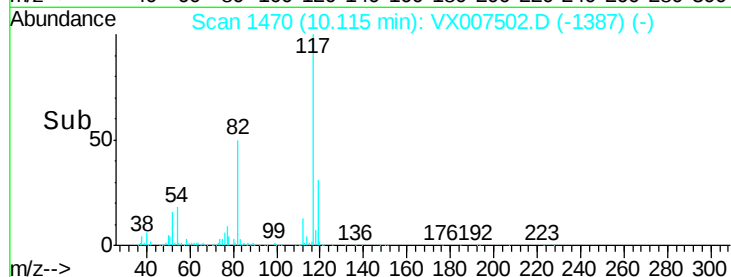
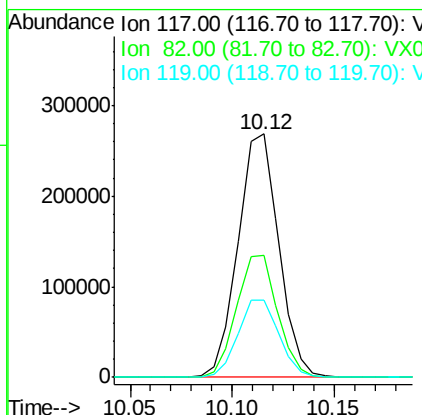
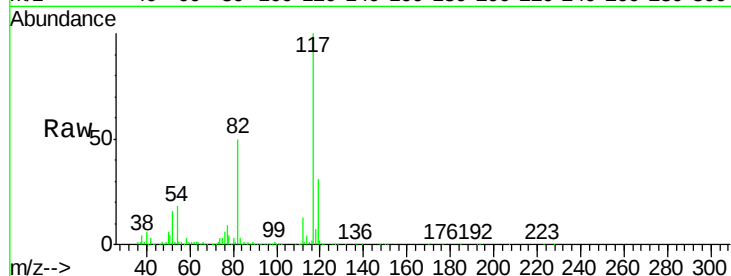




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

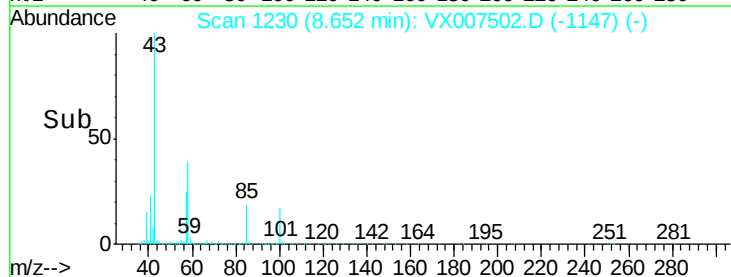
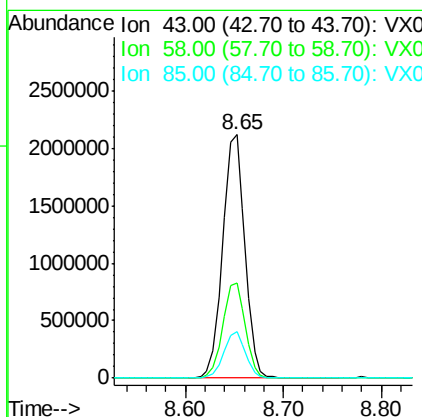
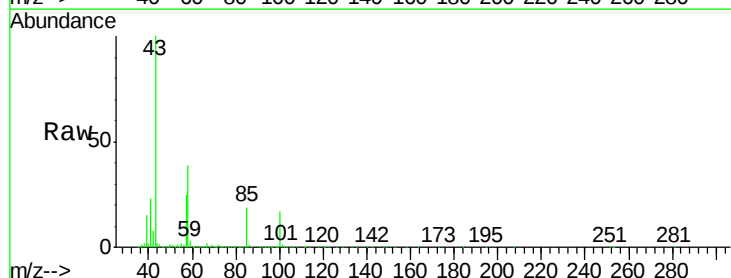
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

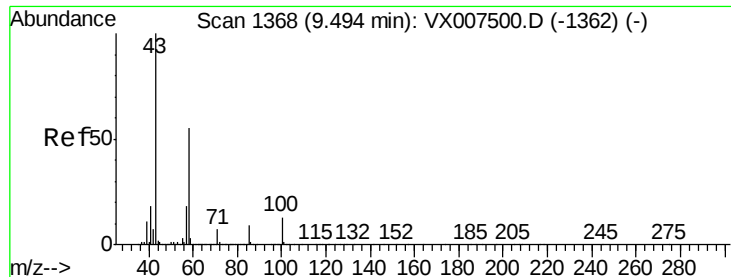
Tgt Ion: 117 Resp: 372600
Ion Ratio Lower Upper
117 100
82 50.4 40.4 60.6
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 525.947 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 43 Resp: 3334807
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.0
85 18.6 15.0 22.6

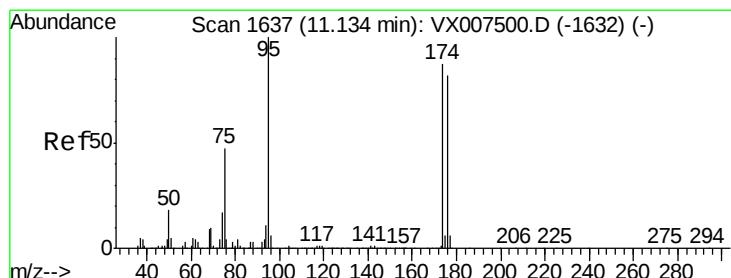
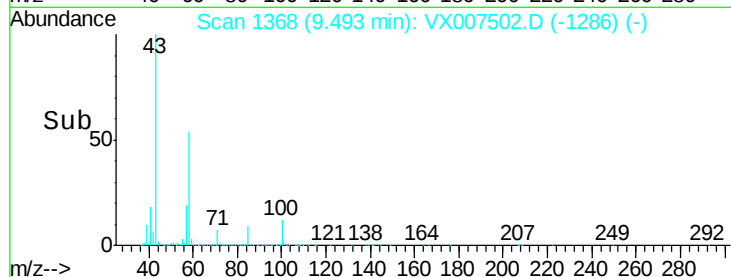
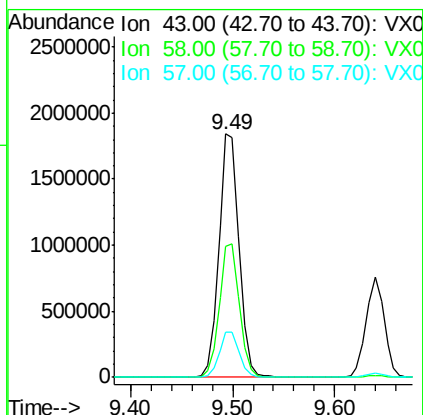
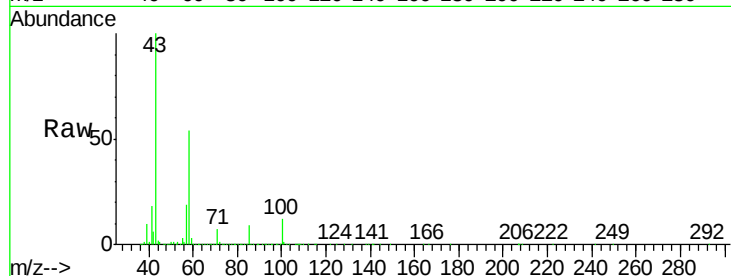




#59
2-Hexanone
Concen: 523.140 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

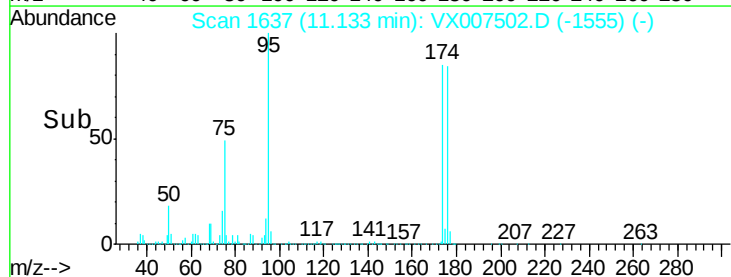
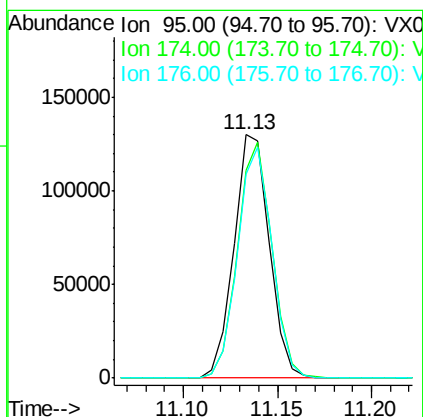
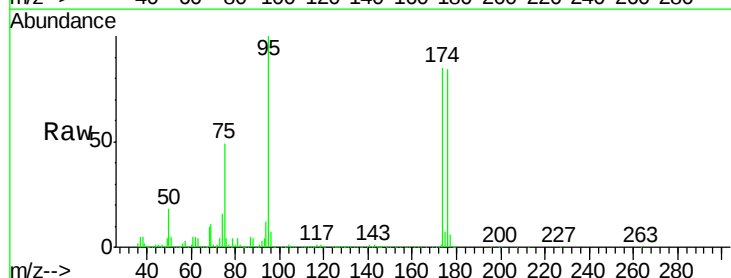
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

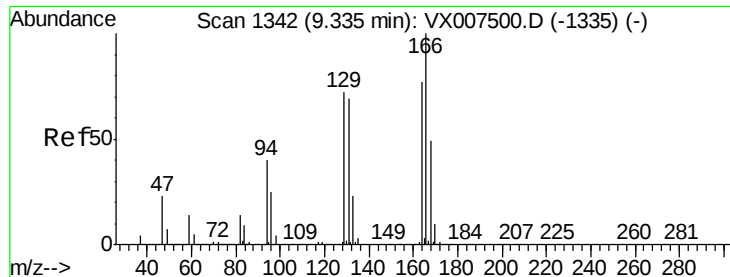
Tgt Ion: 43 Resp: 2542729
Ion Ratio Lower Upper
43 100
58 54.8 43.9 65.9
57 18.9 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.482 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 95 Resp: 168909
Ion Ratio Lower Upper
95 100
174 94.2 74.9 112.3
176 92.4 70.7 106.1





#61

Tetrachloroethene

Concen: 100.744 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 520894

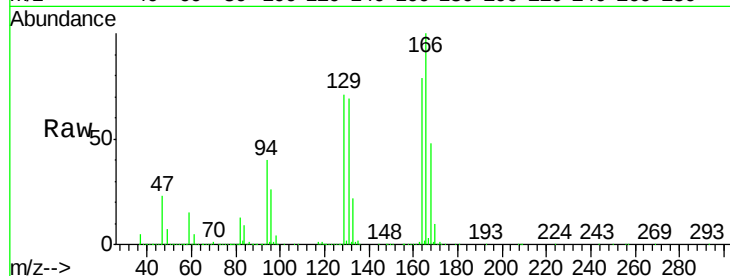
Ion Ratio Lower Upper

164 100

166 127.2 103.9 155.9

129 90.3 74.7 112.1

131 87.7 71.7 107.5

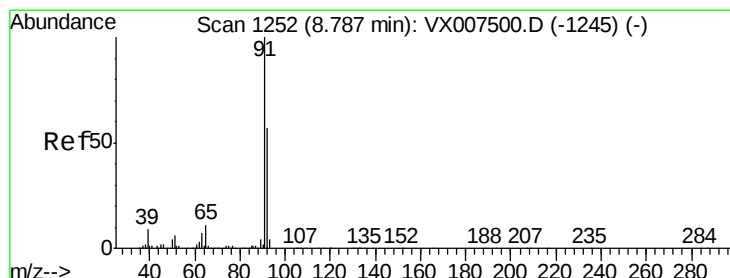
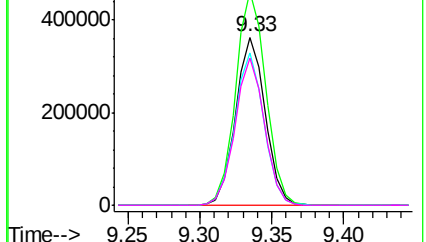
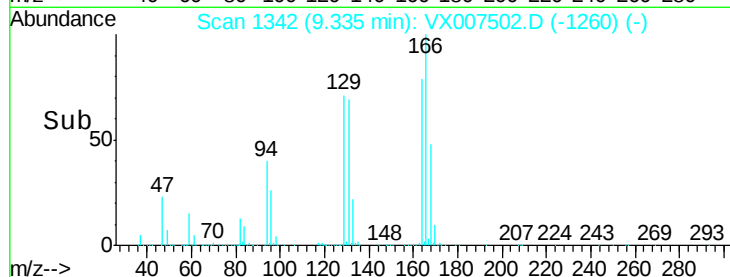


Abundance Ion 163.85 (163.55 to 164.55): V

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: 105.299 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007502.D

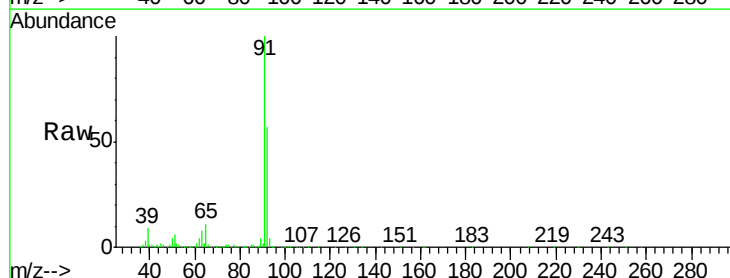
Acq: 12 Feb 2019 23:55

Tgt Ion: 91 Resp: 2012118

Ion Ratio Lower Upper

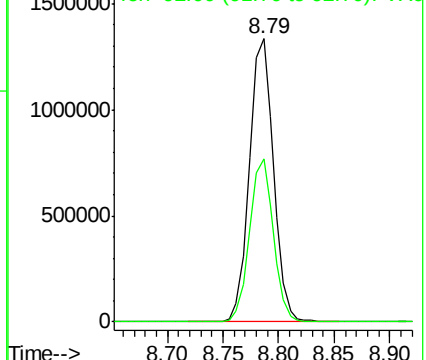
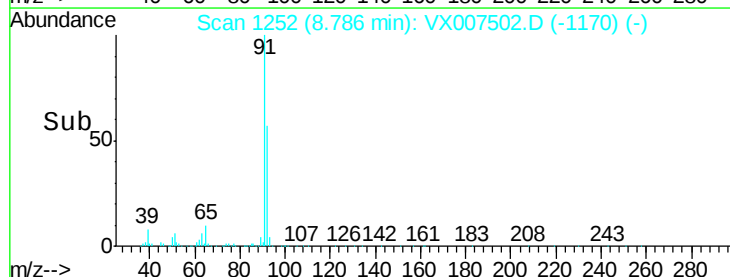
91 100

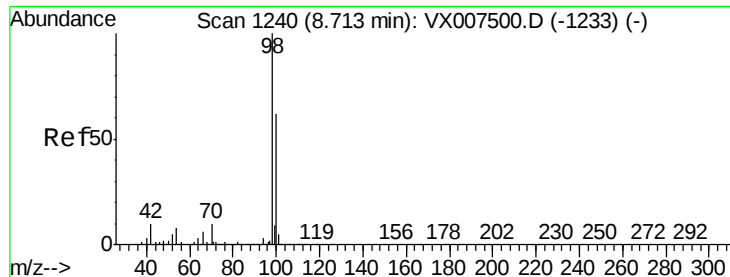
92 57.2 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.877 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

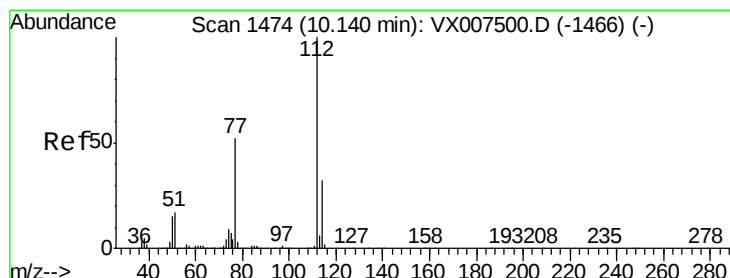
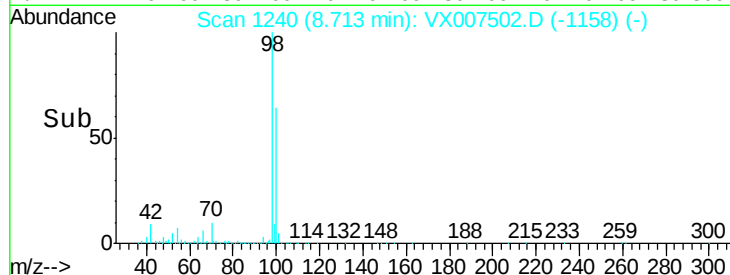
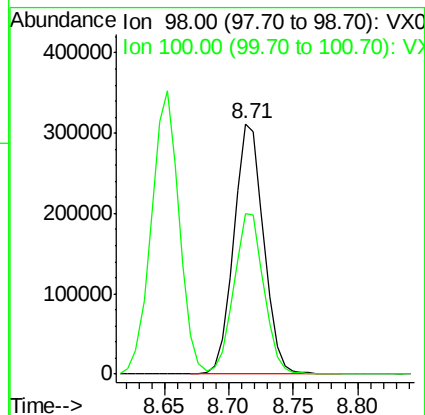
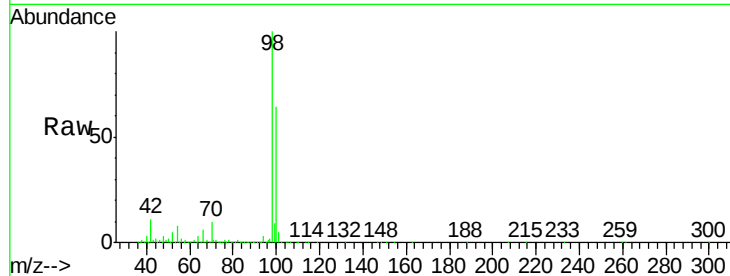
VSTDIC100

Tgt Ion: 98 Resp: 501860

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#64

Chlorobenzene

Concen: 101.936 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007502.D

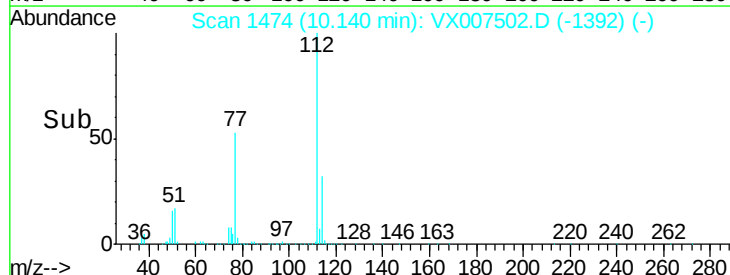
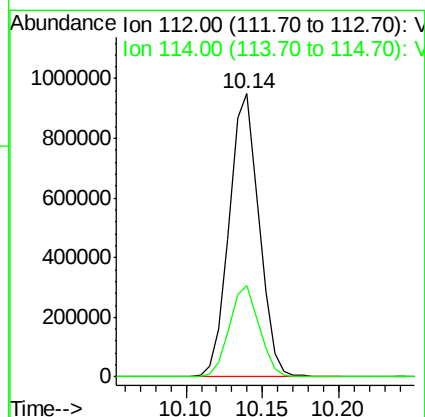
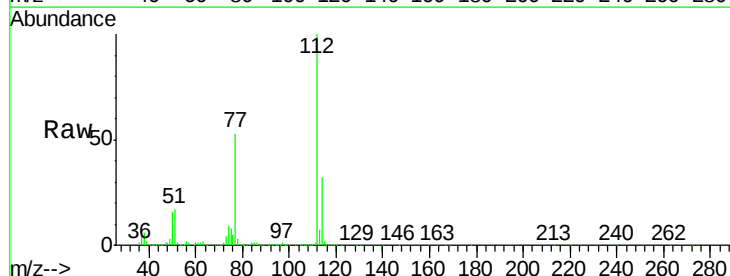
Acq: 12 Feb 2019 23:55

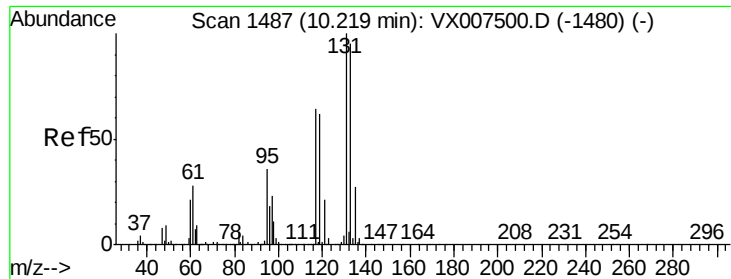
Tgt Ion: 112 Resp: 1283533

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2

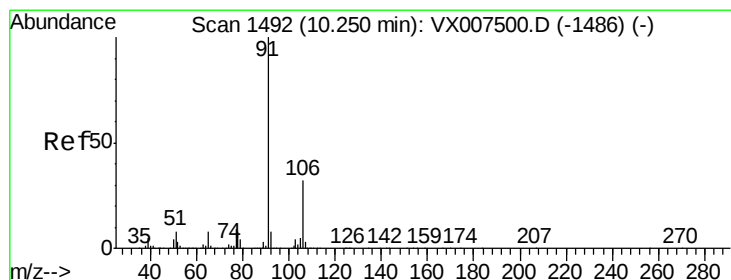
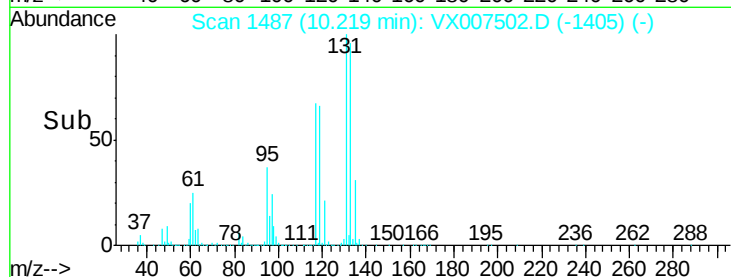
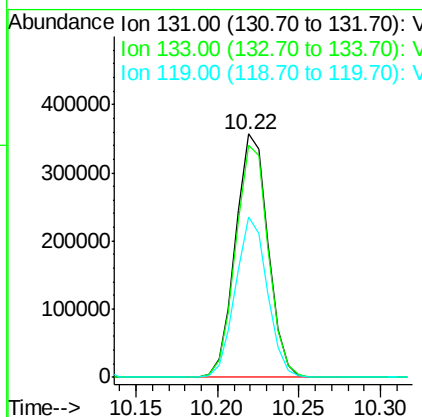
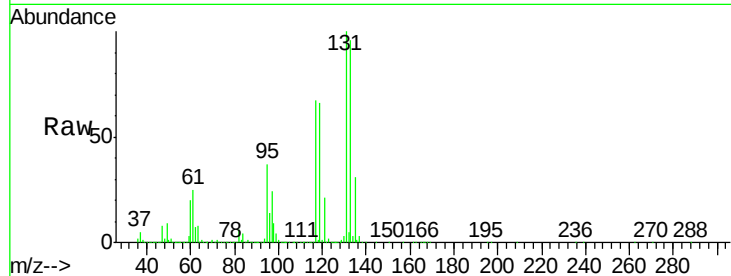




#65
 1,1,1,2-Tetrachloroethane
 Concen: 110.744 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

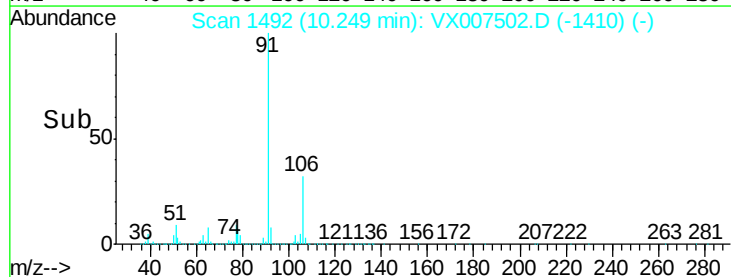
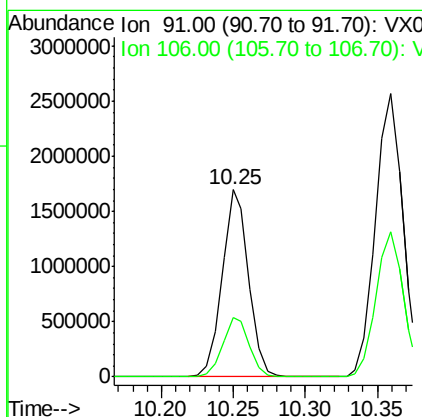
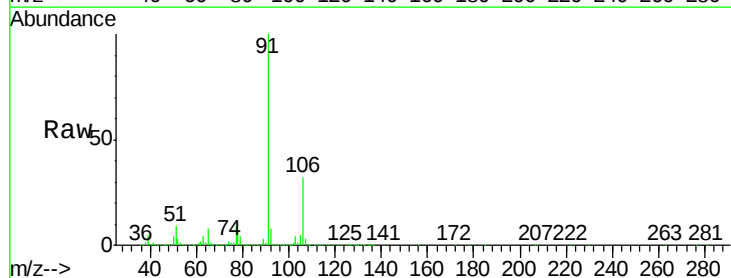
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

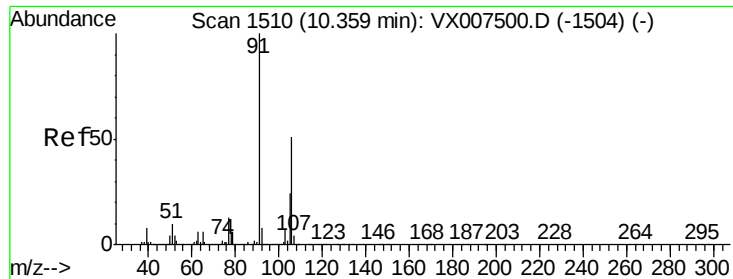
Tgt Ion:131 Resp: 496803
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 191.6
 119 64.1 0.0 127.4



#66
 Ethyl Benzene
 Concen: 105.517 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion: 91 Resp: 2170926
 Ion Ratio Lower Upper
 91 100
 106 32.0 26.0 39.0





#67

m/p-Xylenes

Concen: 211.386 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

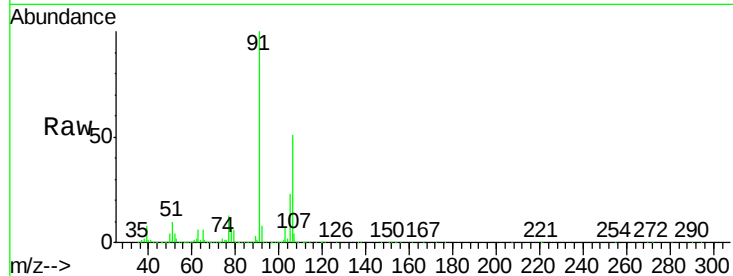
VSTDIC100

Tgt Ion:106 Resp: 1712699

Ion Ratio Lower Upper

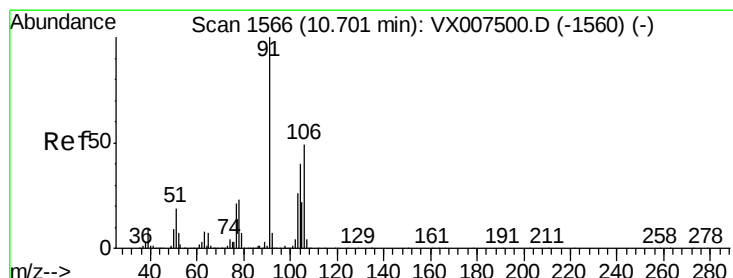
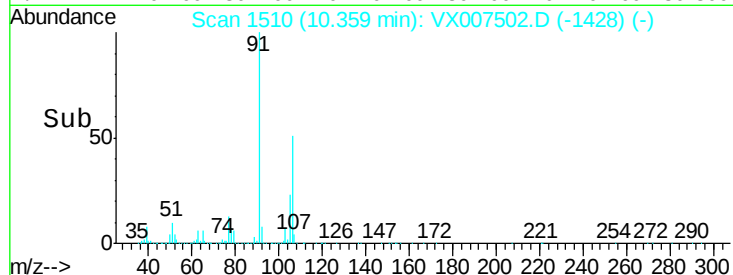
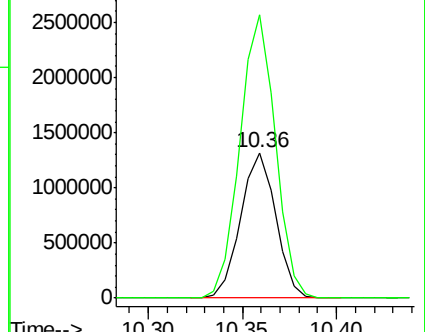
106 100

91 195.6 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 104.656 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007502.D

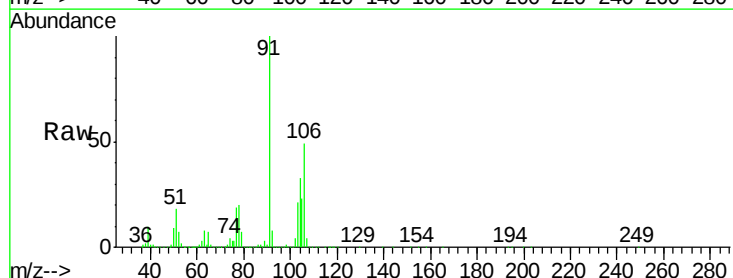
Acq: 12 Feb 2019 23:55

Tgt Ion:106 Resp: 830922

Ion Ratio Lower Upper

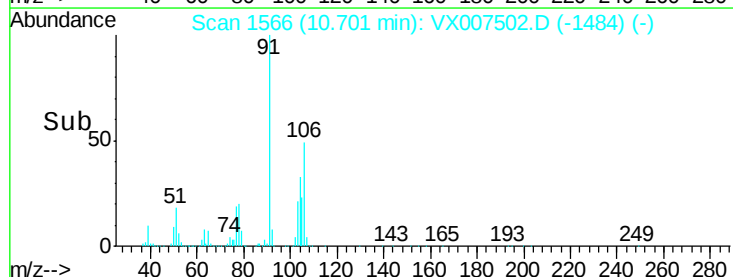
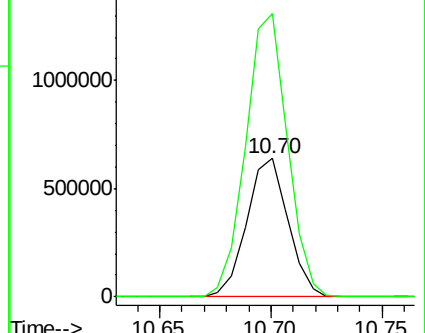
106 100

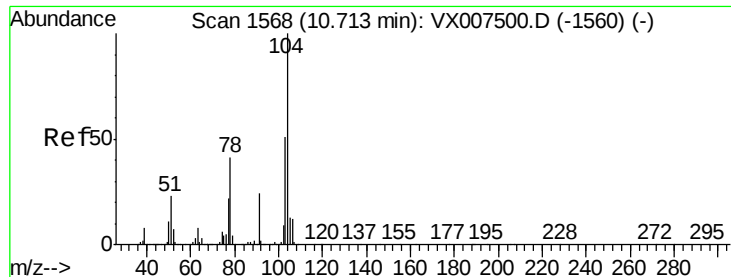
91 206.3 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

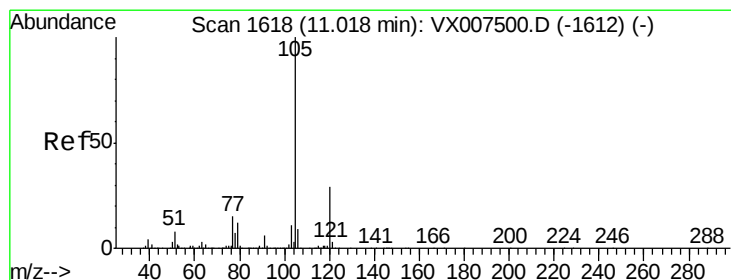
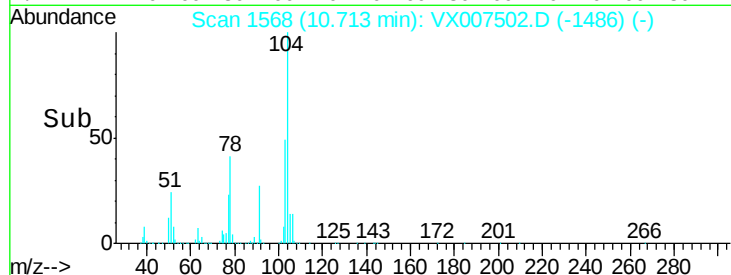
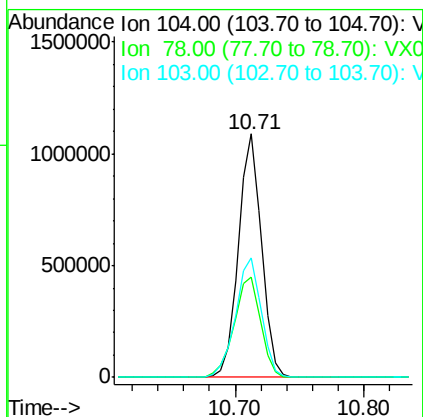
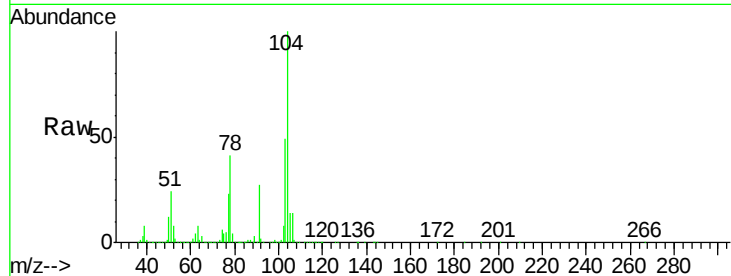




#69
Styrene
Concen: 105.868 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

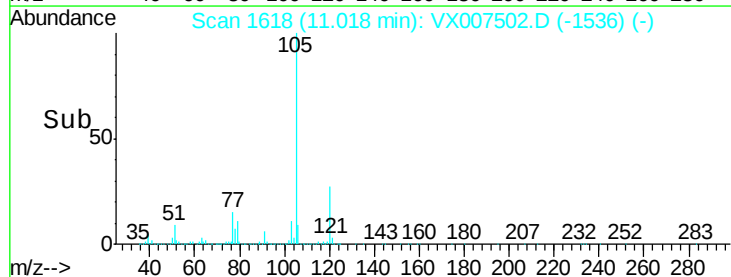
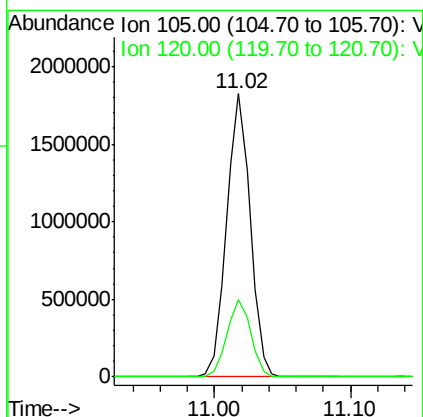
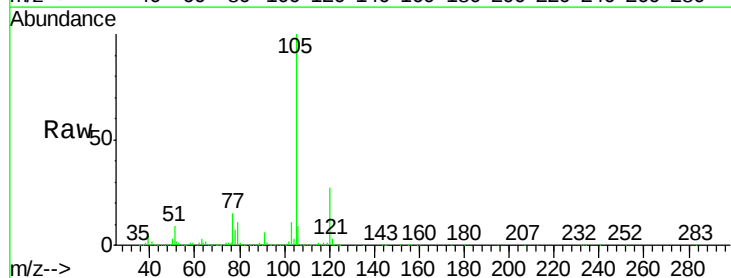
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

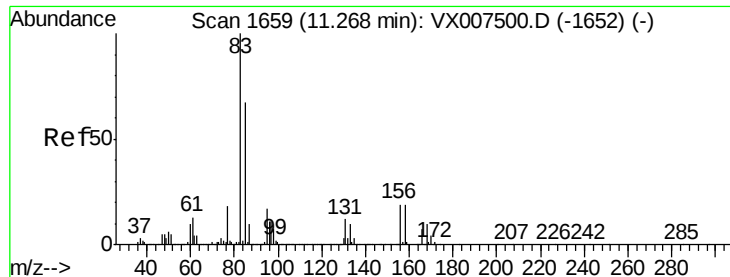
Tgt Ion:104 Resp: 1356569
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 54.8 45.0 67.4



#70
Isopropylbenzene
Concen: 104.354 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion:105 Resp: 2189283
Ion Ratio Lower Upper
105 100
120 27.6 19.8 36.8

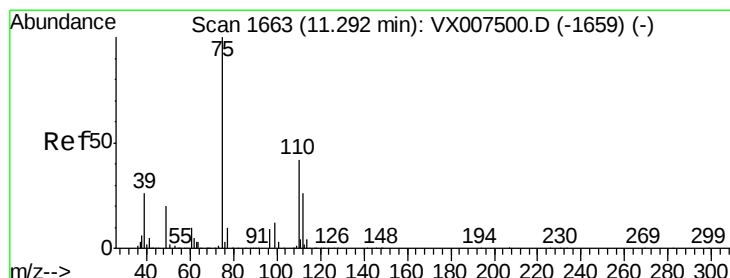
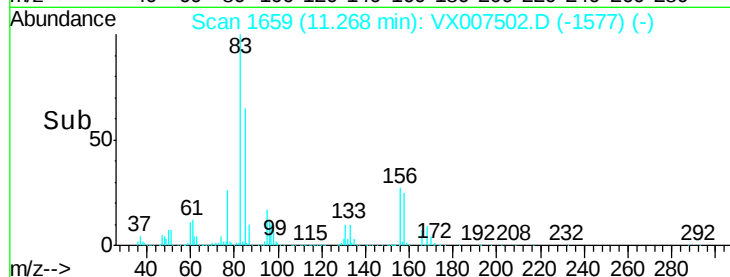
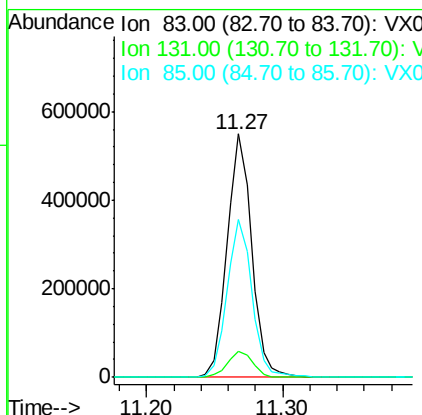
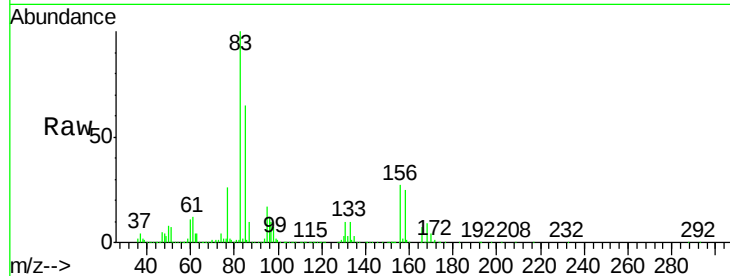




#71
 1,1,2,2-Tetrachloroethane
 Concen: 102.001 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

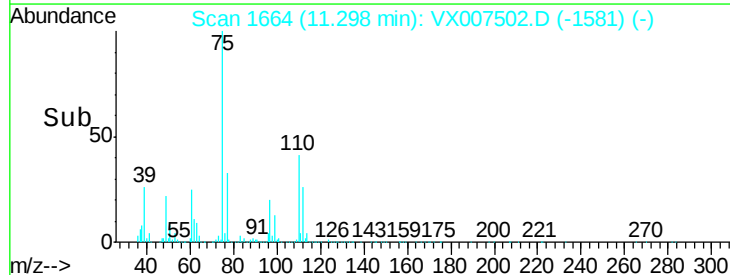
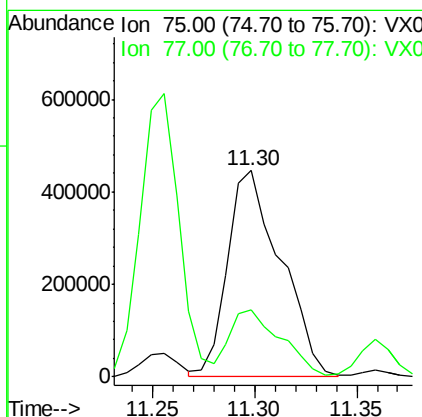
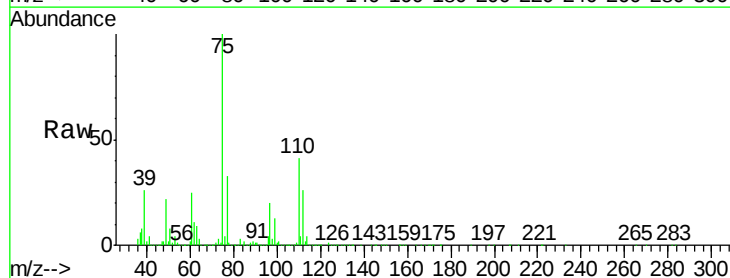
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

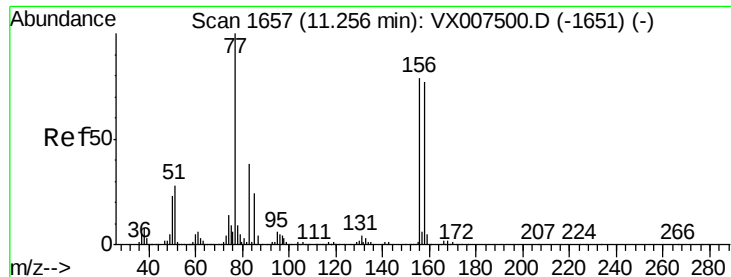
Tgt Ion: 83 Resp: 692812
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.4 16.2
 85 65.3 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 127.666 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion: 75 Resp: 808500
 Ion Ratio Lower Upper
 75 100
 77 31.3 0.0 76.4





#73

Bromobenzene

Concen: 101.940 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

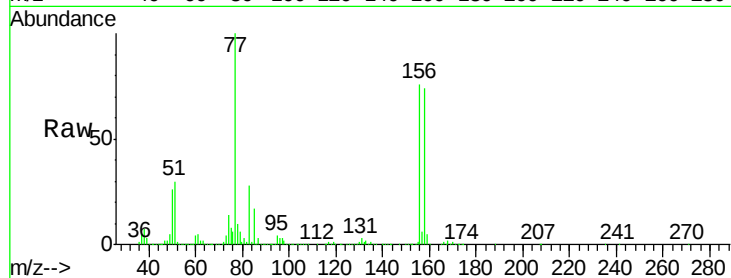
Tgt Ion:156 Resp: 591738

Ion Ratio Lower Upper

156 100

77 136.9 0.0 271.4

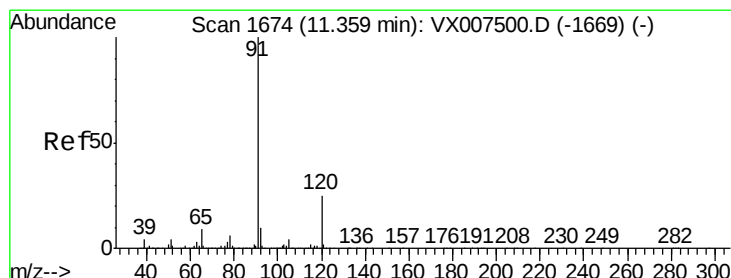
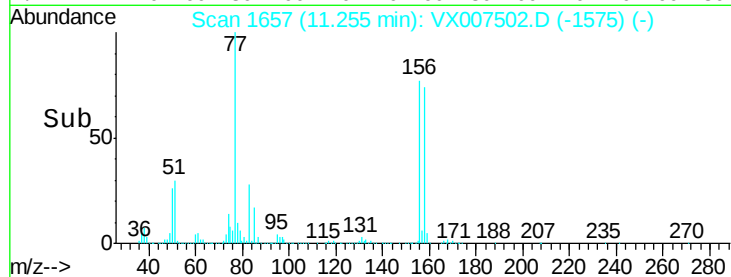
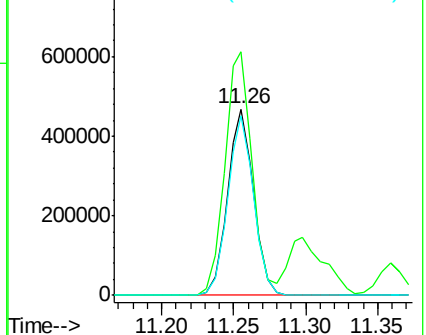
158 96.0 0.0 194.0



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: 104.401 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007502.D

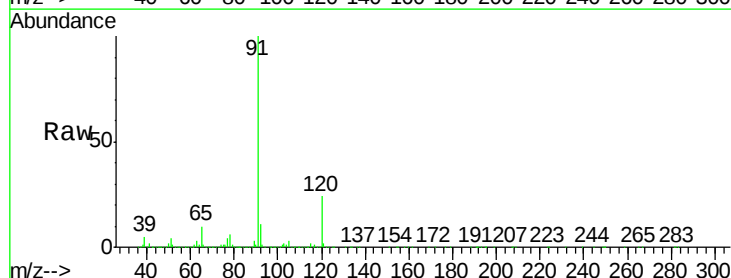
Acq: 12 Feb 2019 23:55

Tgt Ion: 91 Resp: 2457253

Ion Ratio Lower Upper

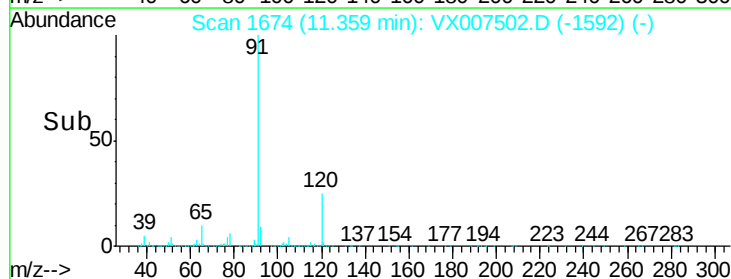
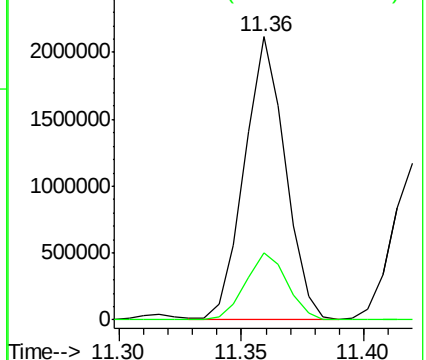
91 100

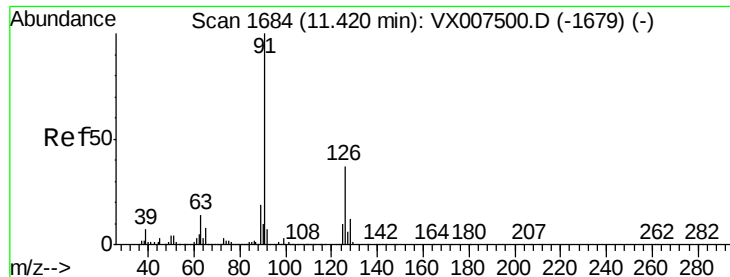
120 24.3 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 102.300 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

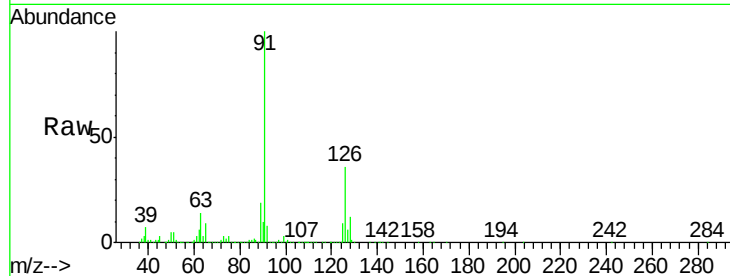
VSTDIC100

Tgt Ion: 91 Resp: 1429987

Ion Ratio Lower Upper

91 100

126 36.6 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007502.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX007502.D (-1602) (-)

2500000

2000000

1500000

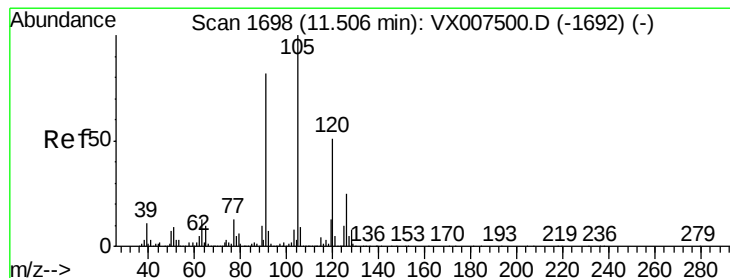
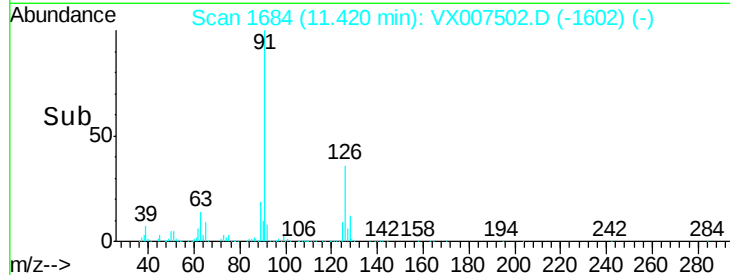
1000000

500000

0

11.40 11.42 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 102.750 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007502.D

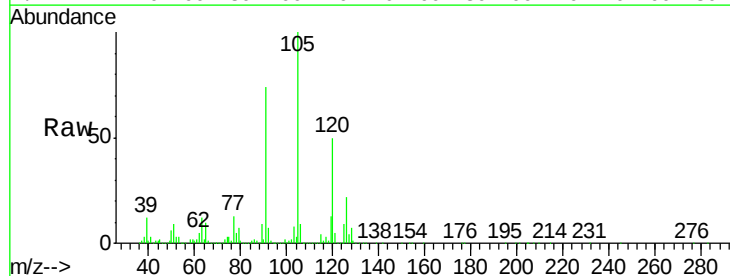
Acq: 12 Feb 2019 23:55

Tgt Ion: 105 Resp: 1791468

Ion Ratio Lower Upper

105 100

120 49.8 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007502.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX007502.D (-1616) (-)

1500000

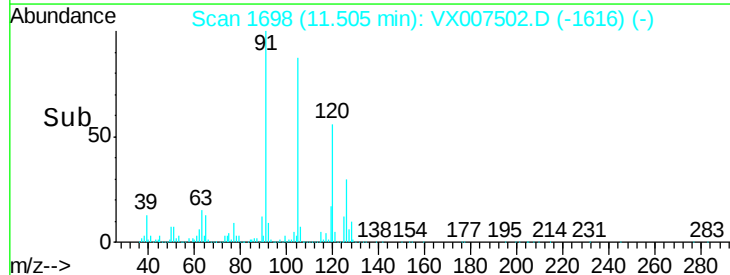
1000000

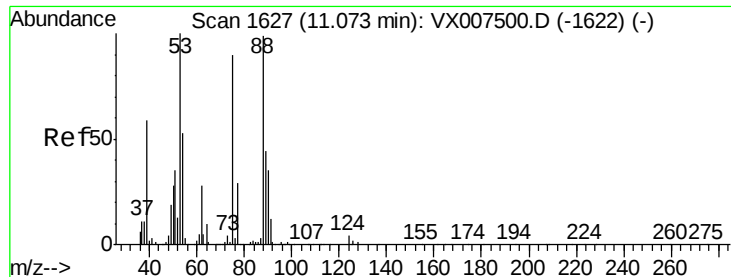
500000

0

11.45 11.50 11.55

Time-->

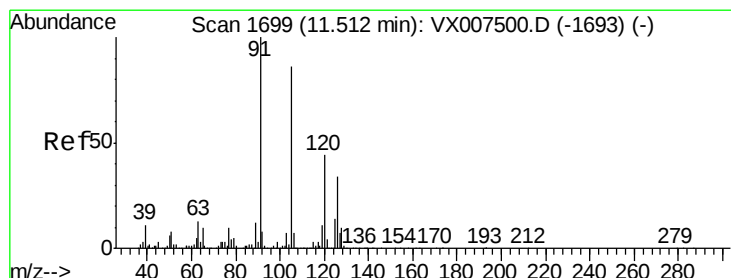
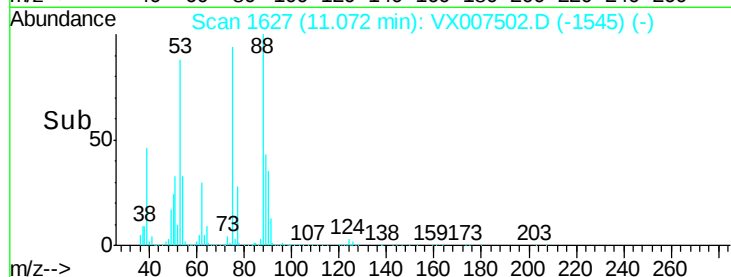
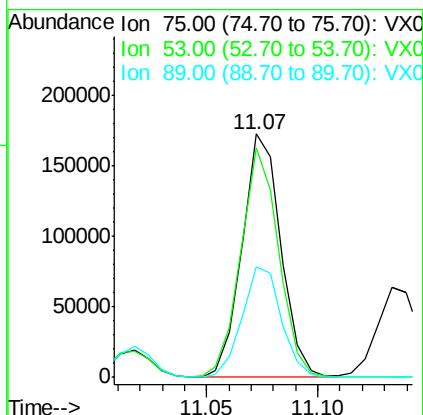
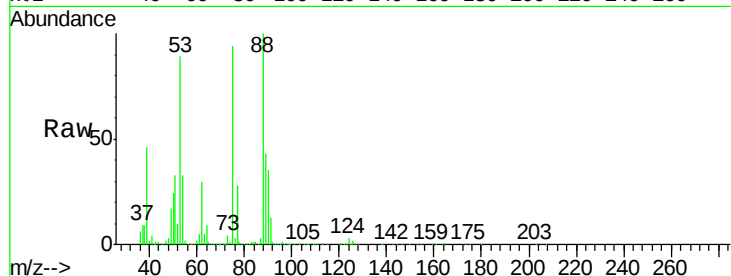




#77
t-1,4-Dichloro-2-butene
Concen: 113.448 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

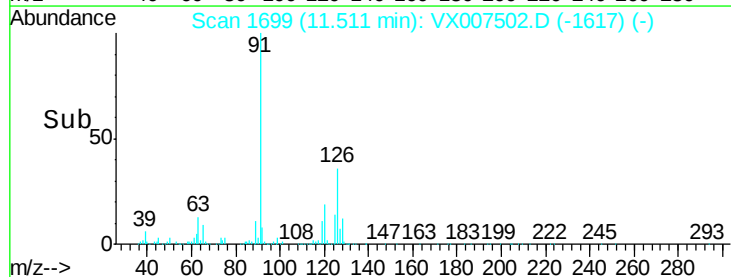
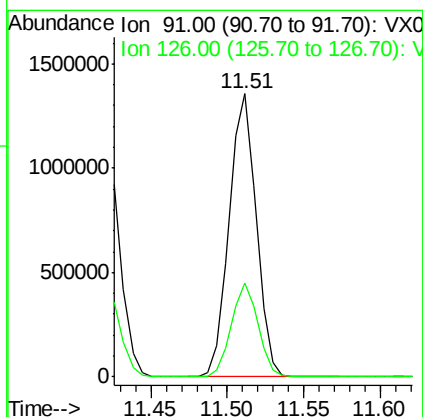
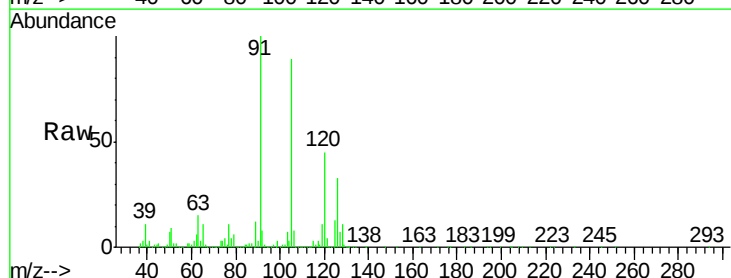
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

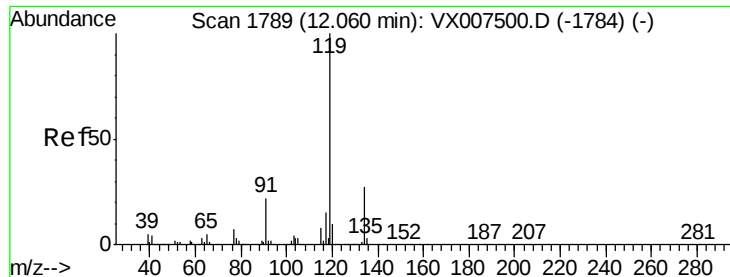
Tgt Ion: 75 Resp: 210302
Ion Ratio Lower Upper
75 100
53 94.2 55.5 166.7
89 45.4 24.4 73.2



#78
4-Chlorotoluene
Concen: 102.996 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion: 91 Resp: 1666453
Ion Ratio Lower Upper
91 100
126 32.3 0.0 66.2

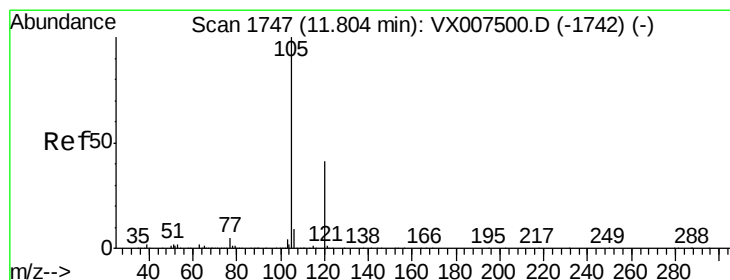
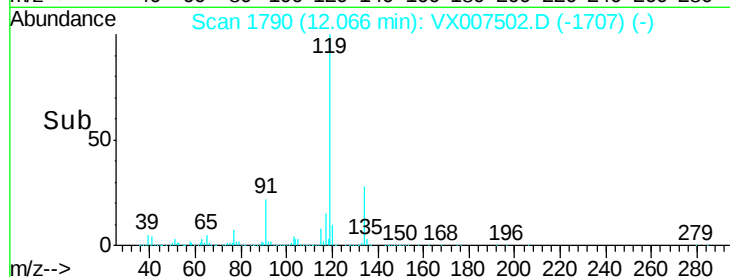
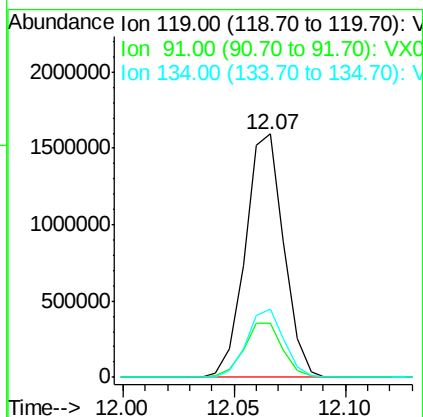
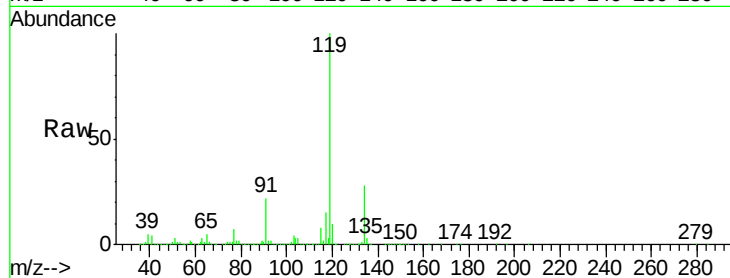




#79
tert-butylbenzene
Concen: 102.131 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

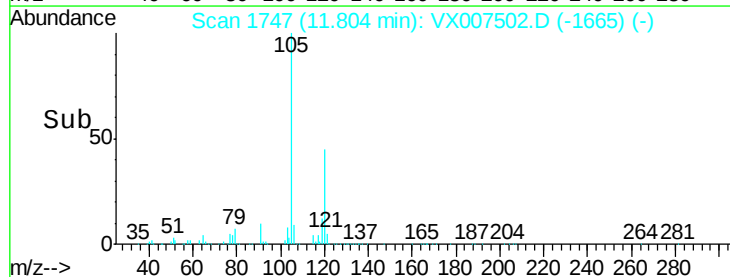
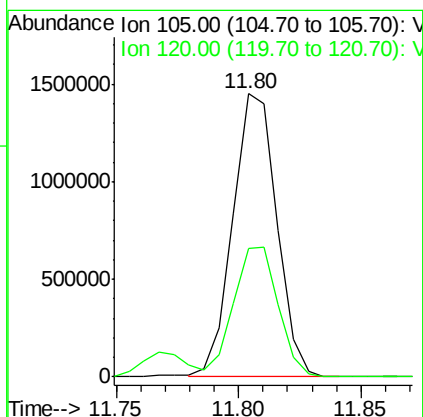
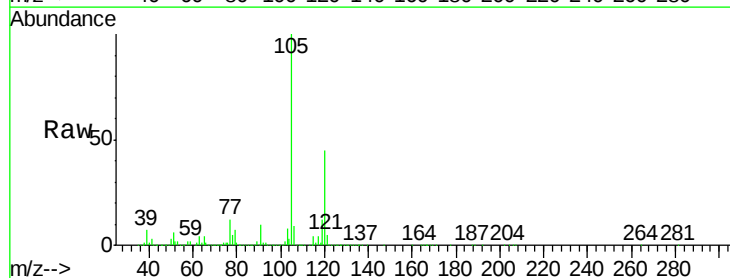
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

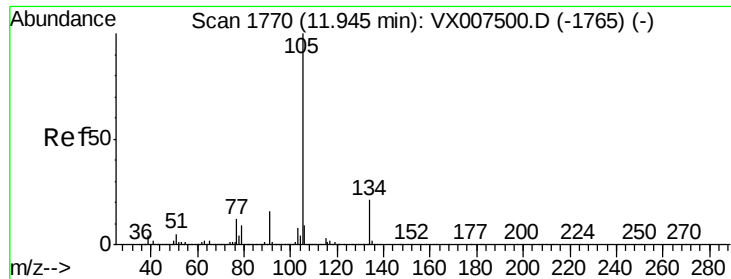
Tgt Ion:119 Resp: 1922926
Ion Ratio Lower Upper
119 100
91 22.5 0.0 45.0
134 27.2 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 102.476 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion:105 Resp: 1809041
Ion Ratio Lower Upper
105 100
120 46.3 0.0 94.0

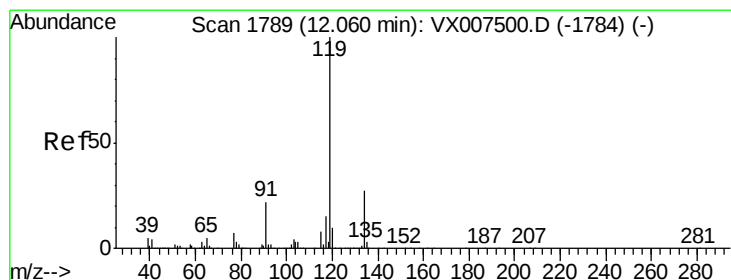
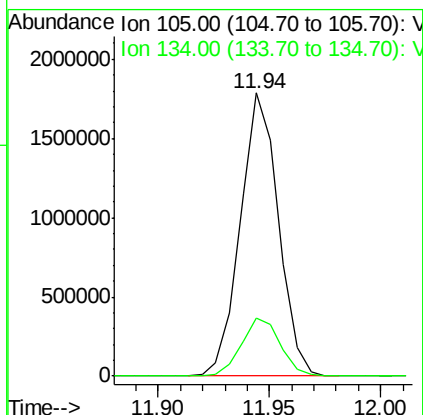
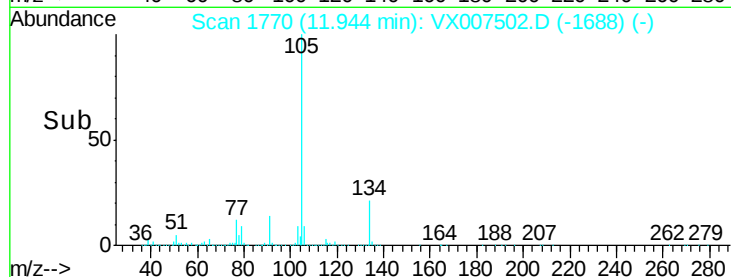
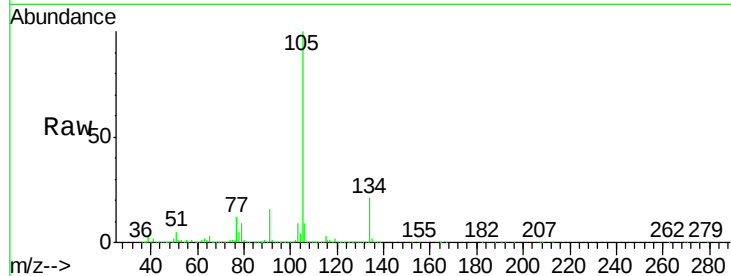




#81
 sec-Butylbenzene
 Concen: 101.691 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

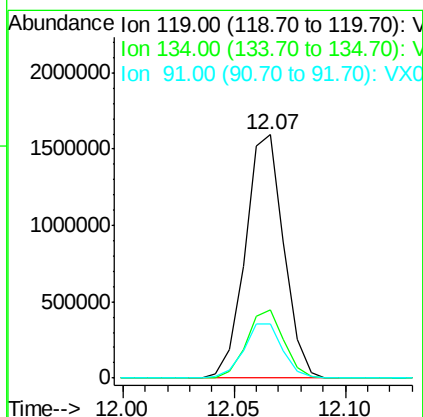
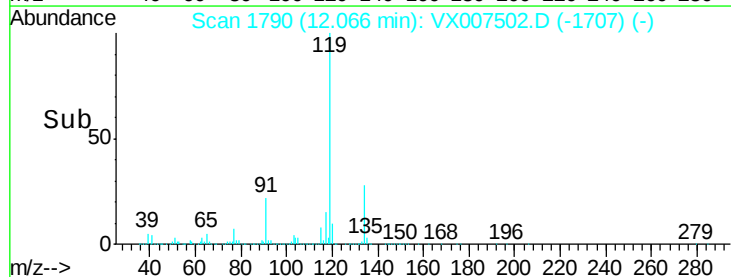
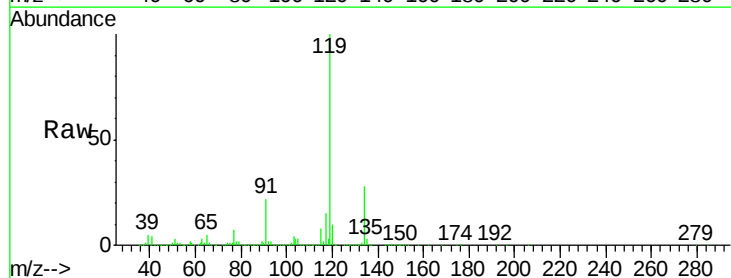
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

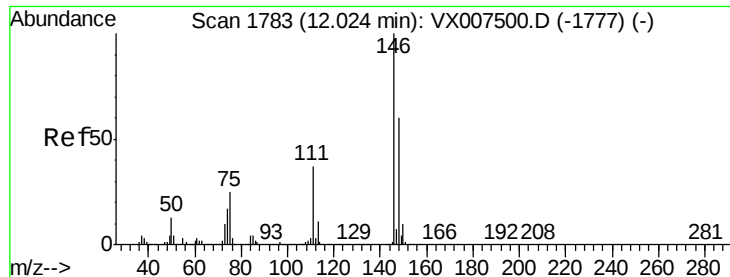
Tgt Ion:105 Resp: 2132086
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 102.131 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion:119 Resp: 1922926
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 55.4
 91 22.5 0.0 45.0

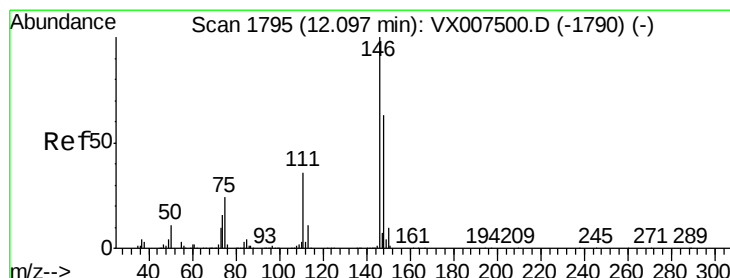
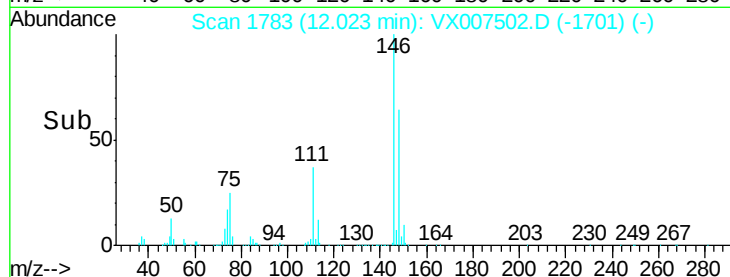
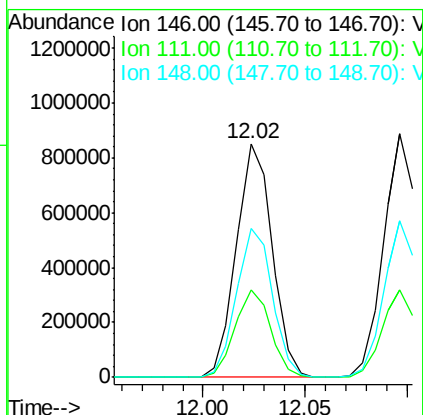
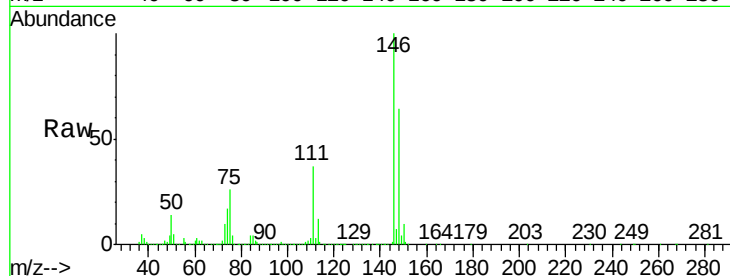




#83
 1,3-Dichlorobenzene
 Concen: 101.242 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

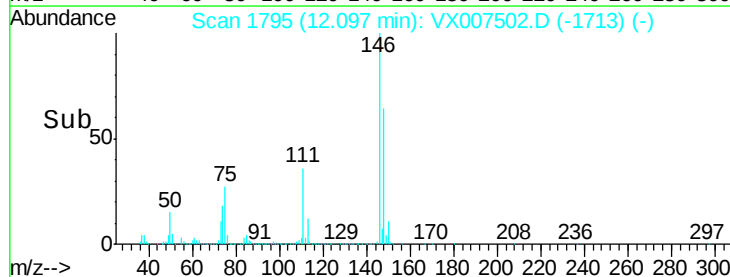
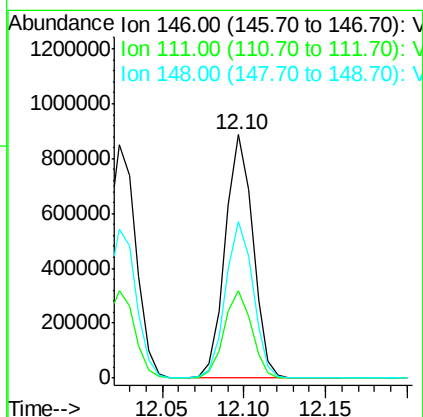
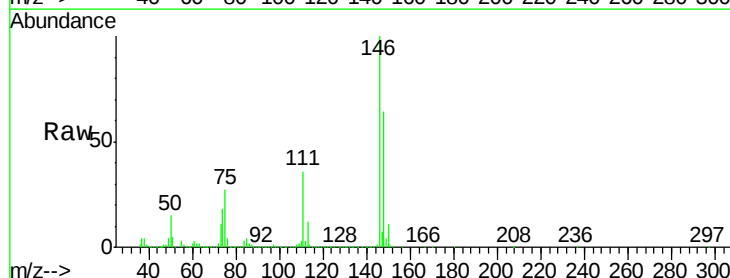
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

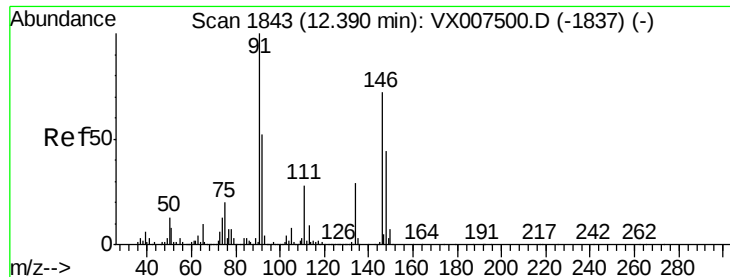
Tgt Ion:146 Resp: 1041513
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.3
 148 63.8 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 102.127 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion:146 Resp: 1049722
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.6 52.8
 148 63.9 31.4 94.2





#85

n-Butylbenzene

Concen: 102.863 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

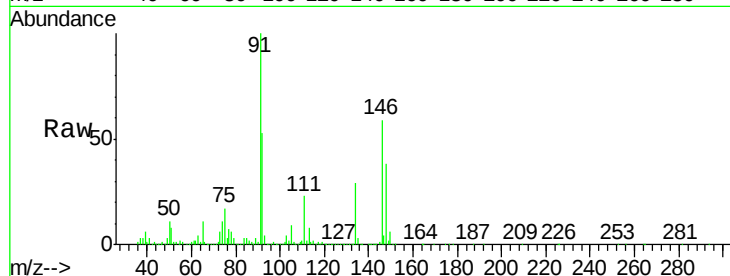
Tgt Ion: 91 Resp: 1654054

Ion Ratio Lower Upper

91 100

92 52.7 0.0 105.2

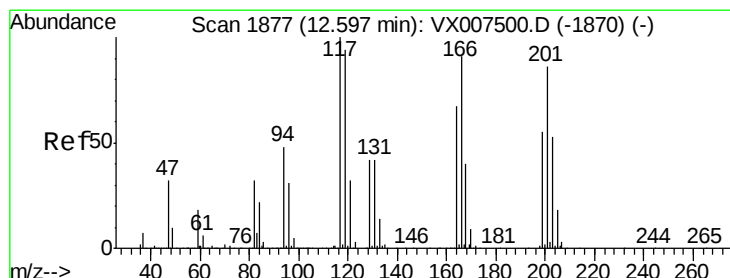
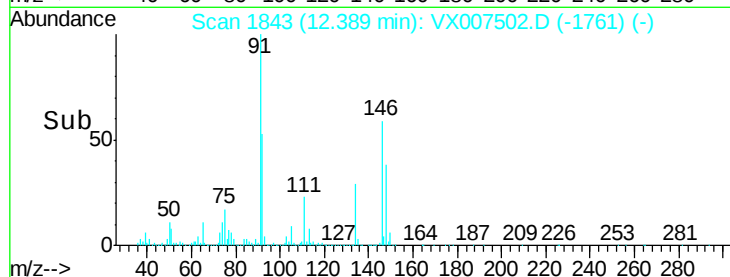
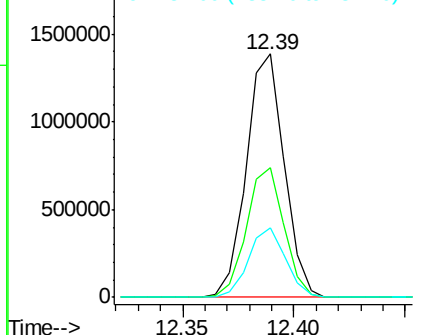
134 27.9 0.0 56.4



Abundance Ion 91.00 (90.70 to 91.70): VX007500.D

Ion 92.00 (91.70 to 92.70): VX007500.D

Ion 134.00 (133.70 to 134.70): VX007500.D



#86

Hexachloroethane

Concen: 114.541 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007502.D

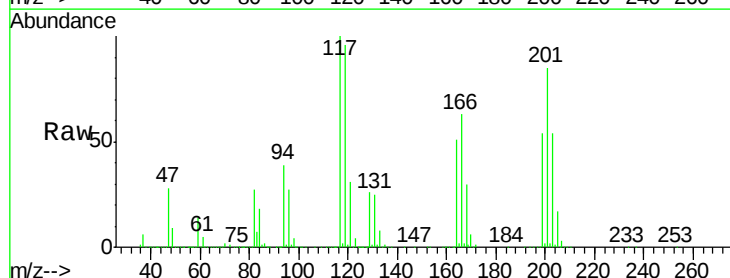
Acq: 12 Feb 2019 23:55

Tgt Ion: 117 Resp: 340447

Ion Ratio Lower Upper

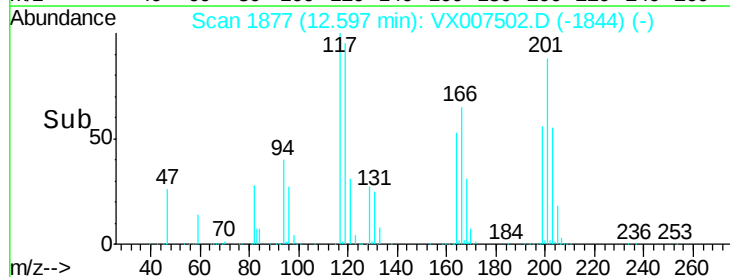
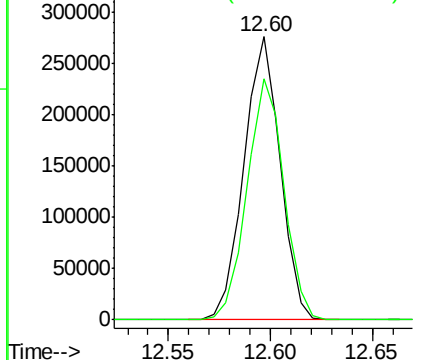
117 100

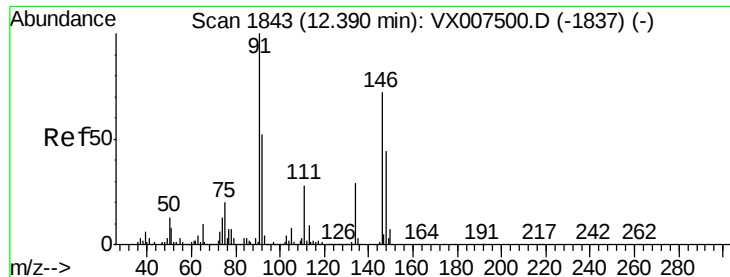
201 86.8 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): VX007500.D

Ion 201.00 (200.70 to 201.70): VX007500.D





#87

1,2-Dichlorobenzene

Concen: 100.851 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

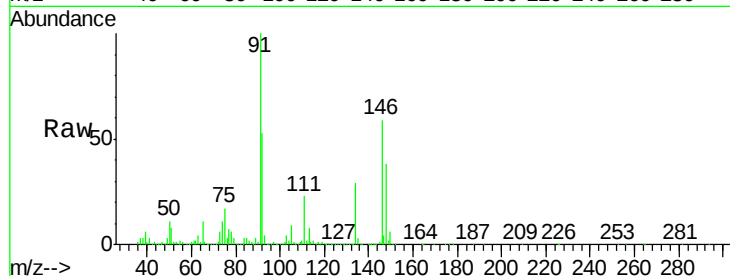
Tgt Ion:146 Resp: 1036326

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

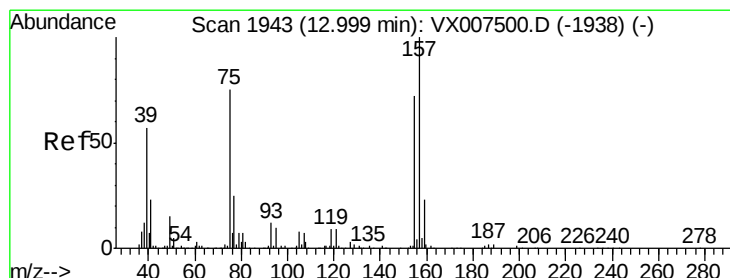
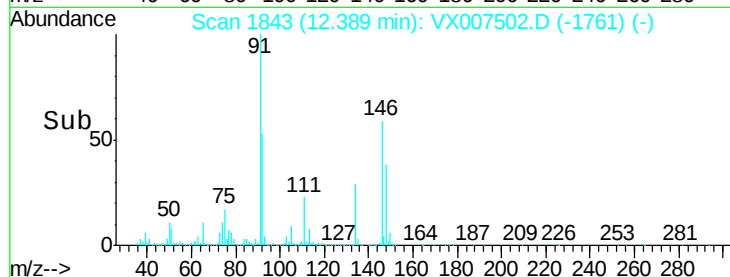
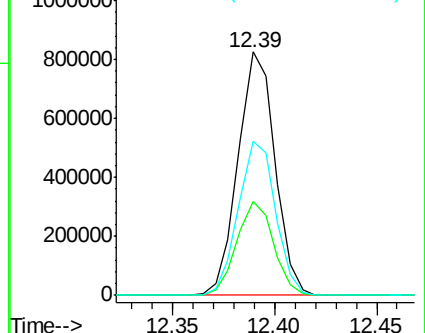
148 63.9 32.1 96.3



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 115.080 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007502.D

Acq: 12 Feb 2019 23:55

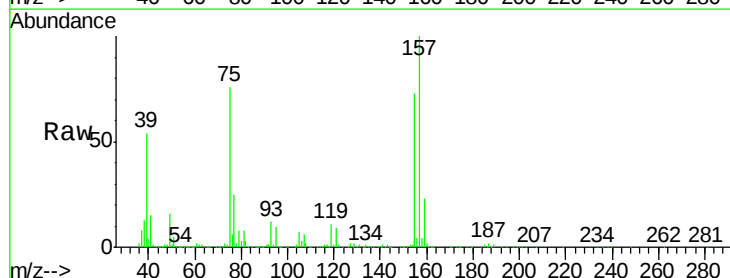
Tgt Ion: 75 Resp: 159734

Ion Ratio Lower Upper

75 100

155 100.6 81.0 121.6

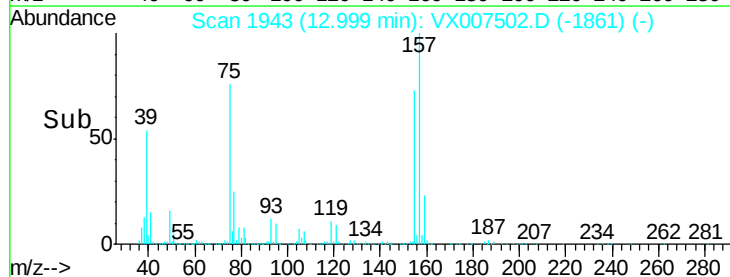
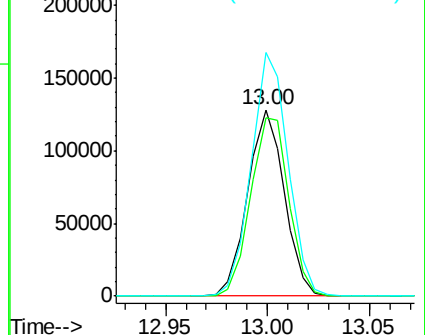
157 132.0 103.2 154.8

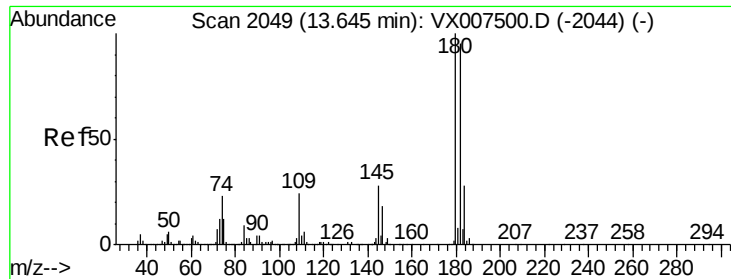


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

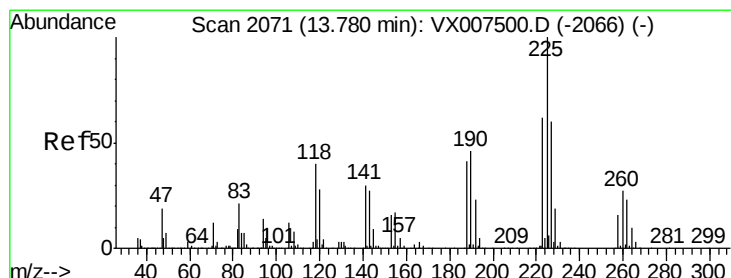
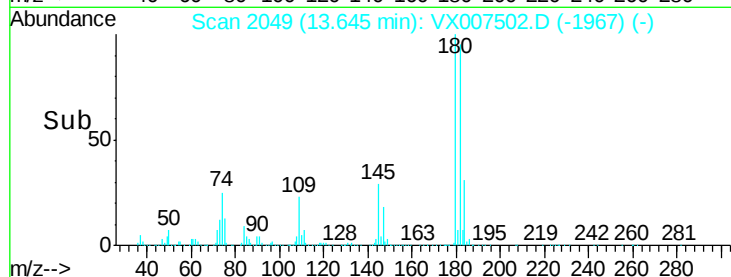
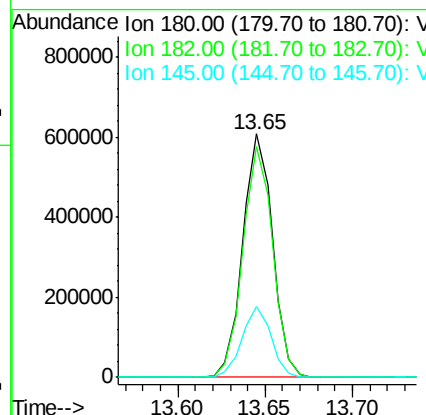
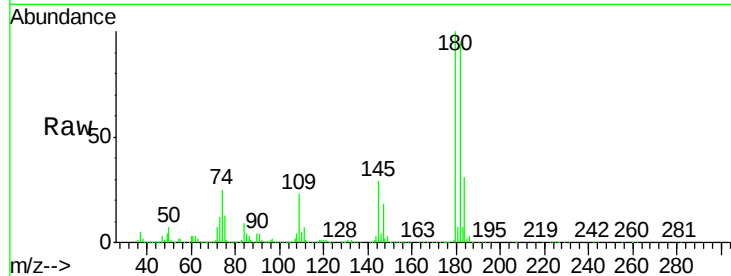




#89
 1,2,4-Trichlorobenzene
 Concen: 103.133 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

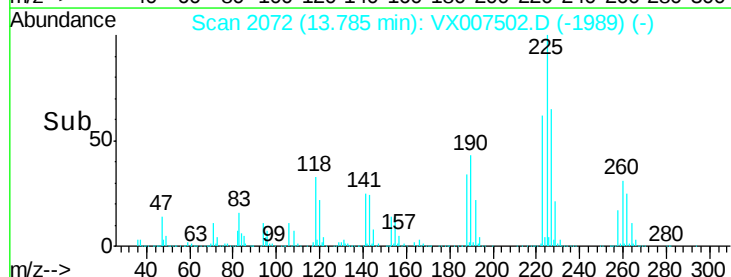
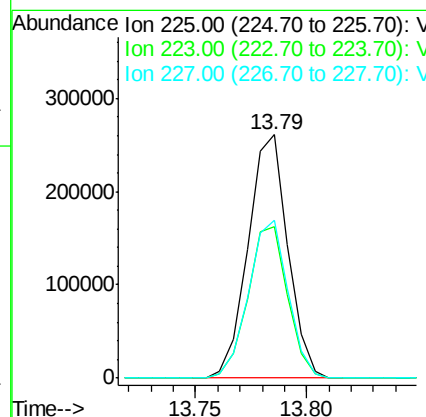
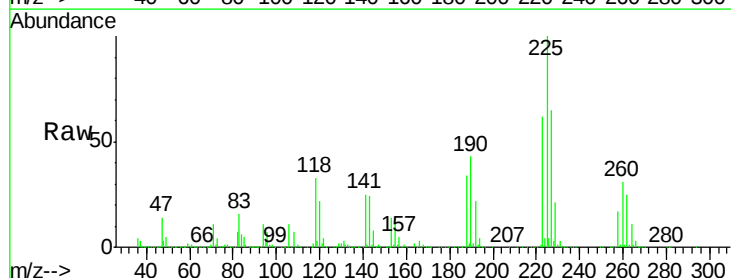
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

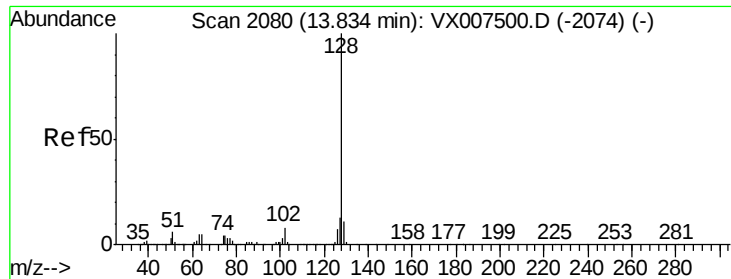
Tgt Ion:180 Resp: 720282
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.6 113.4
 145 28.7 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 97.810 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007502.D
 Acq: 12 Feb 2019 23:55

Tgt Ion:225 Resp: 325289
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 123.8
 227 64.7 0.0 124.4

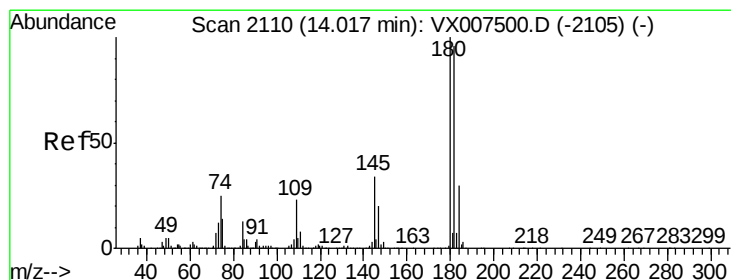
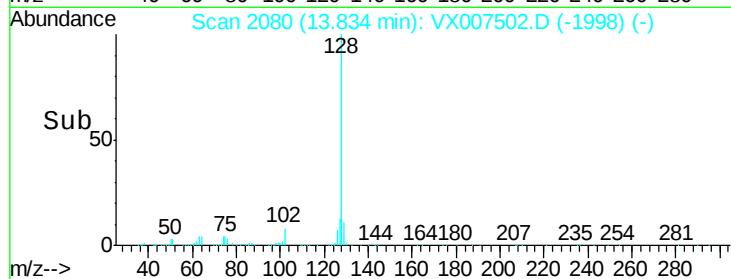
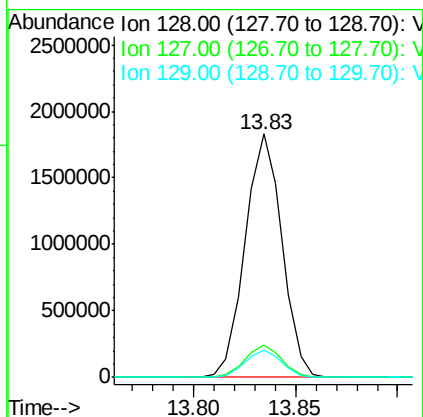
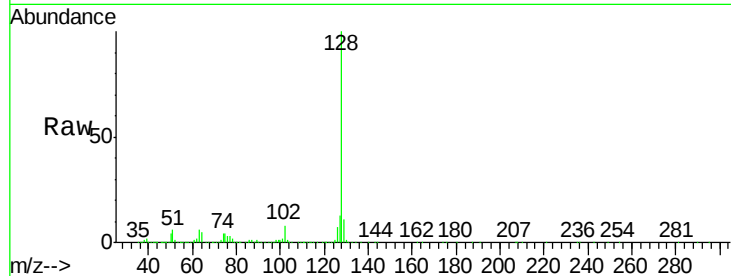




#91
Naphthalene
Concen: 107.427 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2293733
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 104.325 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007502.D
Acq: 12 Feb 2019 23:55

Tgt Ion:180 Resp: 723283
Ion Ratio Lower Upper
180 100
182 95.1 0.0 193.0
145 30.1 0.0 63.0

