

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007499.D
 Acq On : 12 Feb 2019 22:36
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 13 07:21:16 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	78257	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	394388	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	355250	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	149960	29.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.47%
60) 4-Bromofluorobenzene	11.13	95	158959	29.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.00%
63) Toluene-d8	8.71	98	484873	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	19655	5.361 ug/l	92
3) Chloromethane	1.33	50	21594	5.324 ug/l	99
4) Vinyl Chloride	1.41	62	25141	5.505 ug/l	94
5) Bromomethane	1.64	94	22740	5.022 ug/l	100
6) Chloroethane	1.72	64	16534	5.378 ug/l	92
7) Trichlorofluoromethane	1.93	101	37898	4.973 ug/l	100
8) Diethyl Ether	2.19	74	15709	5.412 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22206	4.976 ug/l	96
10) 1,1-Dichloroethene	2.38	96	20854	5.061 ug/l	89
11) Methyl Iodide	2.51	142	24003	3.702 ug/l	98
12) Methyl Acetate	2.78	43	35808	5.359 ug/l	94
13) Acrolein	2.29	56	25570	42.484 ug/l	100
14) Acrylonitrile	3.15	53	68369	26.193 ug/l	97
15) Acetone	2.45	58	19003	25.937 ug/l	88
16) Carbon Disulfide	2.57	76	49554	4.863 ug/l	95
17) Allyl chloride	2.73	41	35795	5.043 ug/l	95
18) Methylene Chloride	2.86	84	25412	5.405 ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	22863	5.148 ug/l	94
20) Diisopropyl ether	3.87	45	68541	5.162 ug/l	92
21) 1,1-Dichloroethane	3.70	63	39896	5.290 ug/l	93
22) cis-1,2-Dichloroethene	4.60	96	25035	5.102 ug/l	97
23) tert-Butyl Alcohol	3.07	59	28748	26.327 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	74379	5.180 ug/l	99
25) Chloroform	5.21	83	41982	5.361 ug/l	97
26) Cyclohexane	5.57	56	29993	4.688 ug/l	# 94
29) 1,1-Dichloropropene	5.79	75	27112	5.191 ug/l	98
30) 2-Butanone	4.70	43	82045	26.460 ug/l	97
31) 2,2-Dichloropropane	4.57	77	9904	1.948 ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	32004	5.158 ug/l	95
33) Carbon Tetrachloride	5.79	117	28354	5.193 ug/l	98
34) Benzene	6.14	78	91819	5.679 ug/l	97
35) Methacrylonitrile	5.06	41	17451	5.487 ug/l	84
37) Trichloroethene	7.21	130	25875	5.451 ug/l	94
38) Methylcyclohexane	7.46	83	31071	4.743 ug/l	96
39) 1,2-Dichloropropane	7.51	63	22718	5.600 ug/l	96
40) Dibromomethane	7.66	93	15947	5.424 ug/l	94
41) Bromodichloromethane	7.90	83	26206	5.092 ug/l	99

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 13 07:21:16 2019
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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)
42) Vinyl Acetate	3.82	43	266764	24.928	ug/l	99
43) Ethyl Acetate	4.86	43	30952	5.281	ug/l #	91
44) Isopropyl Acetate	6.46	43	46507	5.104	ug/l	99
45) 1,4-Dioxane	7.76	88	10865	99.183	ug/l	90
46) Methyl methacrylate	7.77	41	23630	5.102	ug/l	90
47) n-amyl Acetate	10.90	43	36462	4.568	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	24013	4.331	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	28256	4.581	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	23129	5.289	ug/l	97
51) Ethyl methacrylate	9.18	69	31750	5.065	ug/l	93
52) 1,3-Dichloropropane	9.37	76	37947	5.409	ug/l	97
53) Dibromochloromethane	9.59	129	20815	4.699	ug/l	99
54) 1,2-Dibromoethane	9.67	107	25512	5.430	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	79495	23.596	ug/l	98
56) Bromoform	10.86	173	14113	4.190	ug/l	97
58) 4-Methyl-2-Pentanone	8.65	43	153451	25.383	ug/l	100
59) 2-Hexanone	9.49	43	113227	24.433	ug/l	98
61) Tetrachloroethene	9.34	164	26795	5.435	ug/l	97
62) Toluene	8.79	91	100156	5.497	ug/l	98
64) Chlorobenzene	10.14	112	65495	5.456	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.22	131	21786	5.094	ug/l	98
66) Ethyl Benzene	10.25	91	100659	5.131	ug/l	100
67) m/p-Xylenes	10.36	106	77841	10.077	ug/l	97
68) o-Xylene	10.69	106	38777	5.123	ug/l	99
69) Styrene	10.71	104	58863	4.818	ug/l	99
70) Isopropylbenzene	11.02	105	99908	4.995	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	35201	5.436	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	34961	5.790	ug/l	97
73) Bromobenzene	11.26	156	28044	5.067	ug/l	97
74) n-propylbenzene	11.36	91	107934	4.810	ug/l	98
75) 2-Chlorotoluene	11.42	91	69044	5.181	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	80186	4.824	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	6777	3.834	ug/l	89
78) 4-Chlorotoluene	11.51	91	75100	4.868	ug/l	100
79) tert-butylbenzene	12.06	119	82150	4.576	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	81685	4.853	ug/l	99
81) sec-Butylbenzene	11.94	105	94985	4.752	ug/l	98
82) p-Isopropyltoluene	12.06	119	82150	4.576	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	48200	4.914	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	47714	4.869	ug/l	98
85) n-Butylbenzene	12.39	91	63051	4.113	ug/l	98
86) Hexachloroethane	12.60	117	11844	4.179	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	49336	5.036	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	6220	4.700	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	28097	4.220	ug/l	97
90) Hexachlorobutadiene	13.78	225	14320	4.516	ug/l	96
91) Naphthalene	13.83	128	89877	4.415	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	30201	4.569	ug/l	97

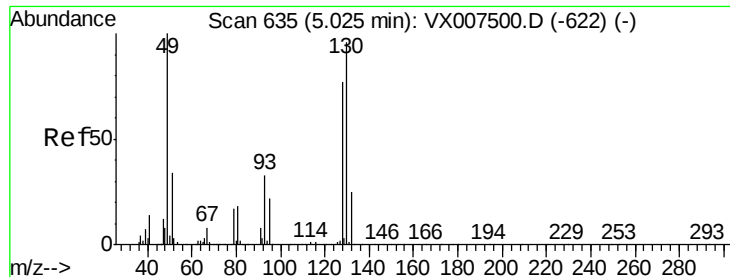
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ALS Vial : 25 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC005

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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)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

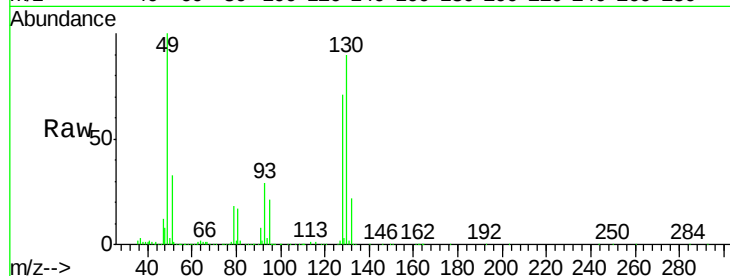
Tgt Ion:128 Resp: 78257

Ion Ratio Lower Upper

128 100

49 134.0 0.0 350.8

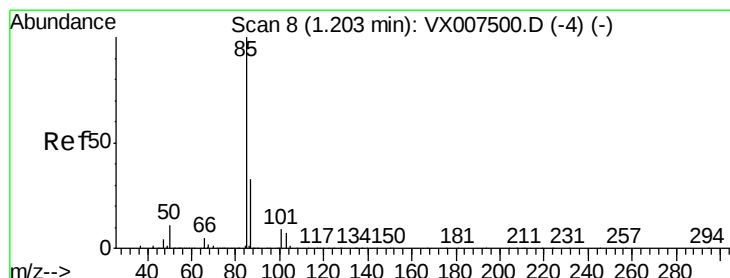
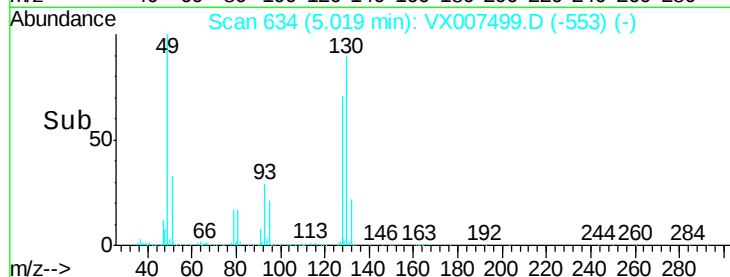
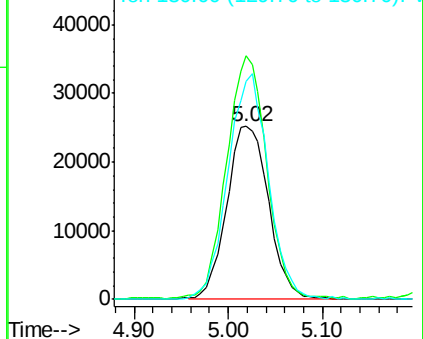
130 125.6 0.0 325.8



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: 5.361 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007499.D

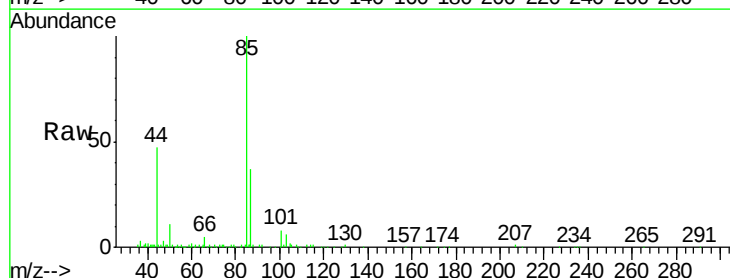
Acq: 12 Feb 2019 22:36

Tgt Ion: 85 Resp: 19655

Ion Ratio Lower Upper

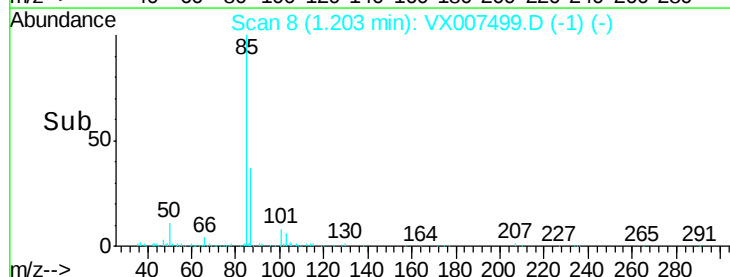
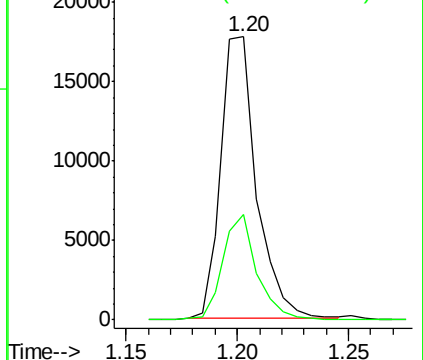
85 100

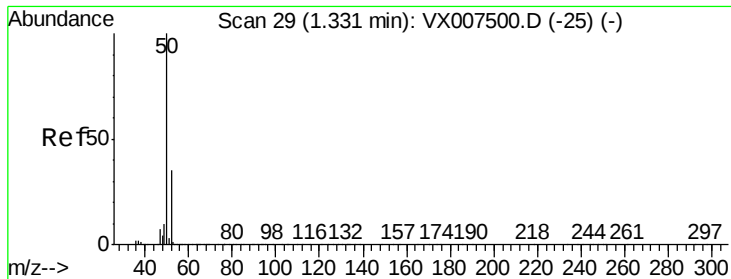
87 37.6 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 5.324 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

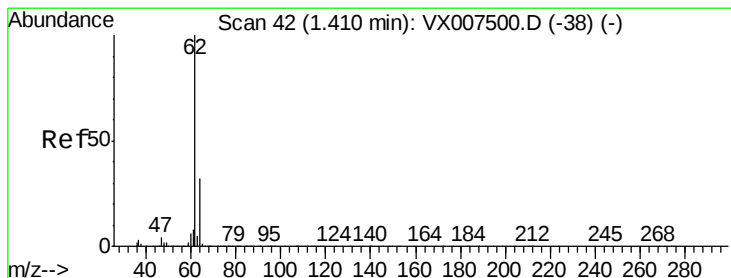
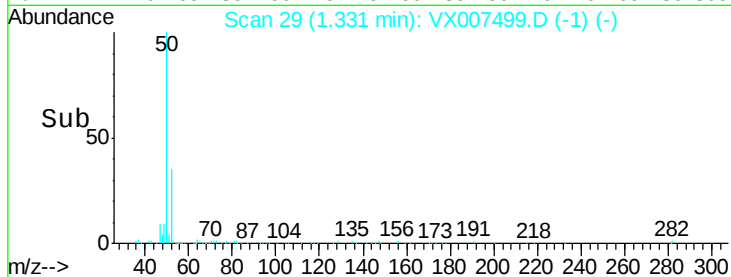
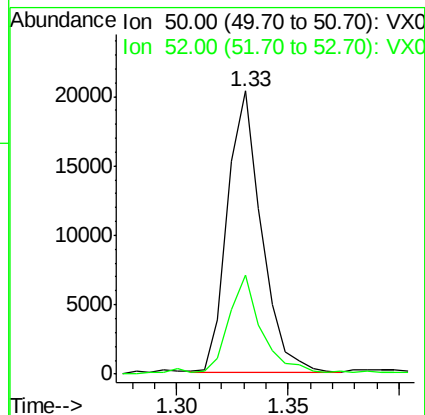
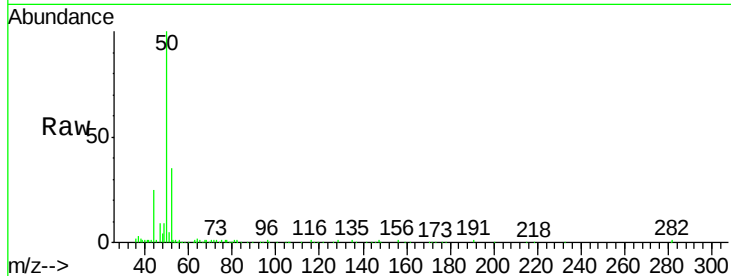
VSTDIC005

Tgt Ion: 50 Resp: 21594

Ion Ratio Lower Upper

50 100

52 34.8 27.5 41.3



#4

Vinyl Chloride

Concen: 5.505 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007499.D

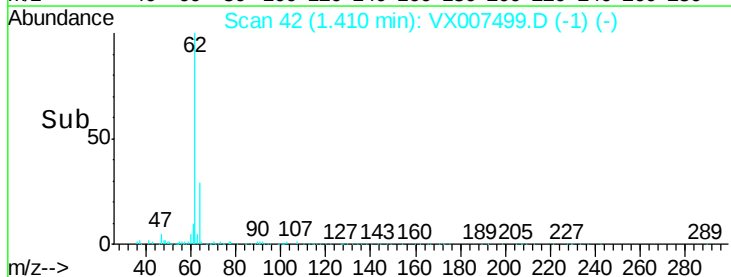
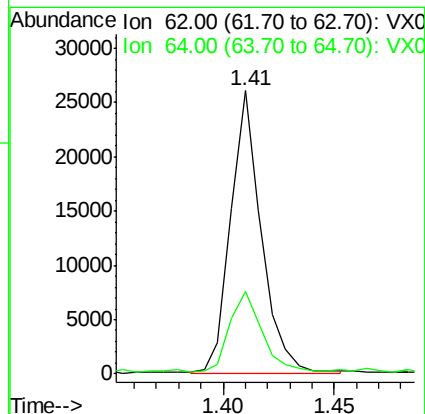
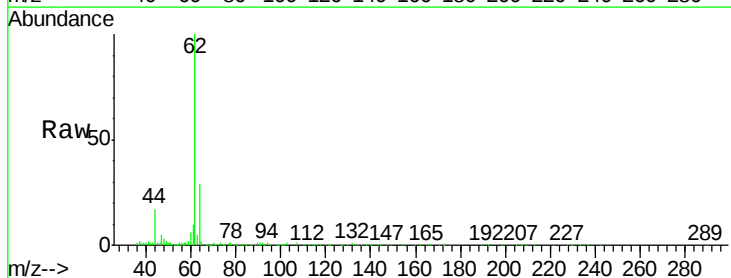
Acq: 12 Feb 2019 22:36

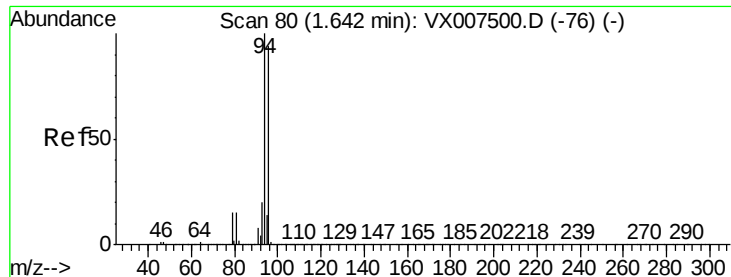
Tgt Ion: 62 Resp: 25141

Ion Ratio Lower Upper

62 100

64 28.8 25.9 38.9





#5

Bromomethane

Concen: 5.022 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

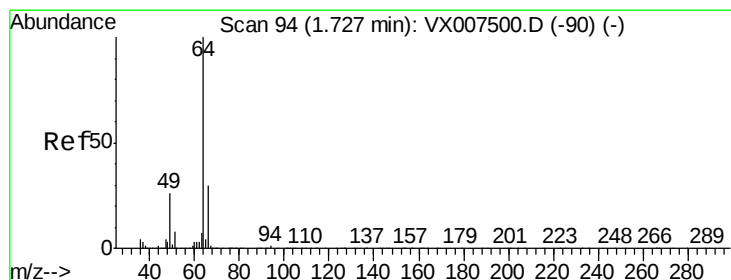
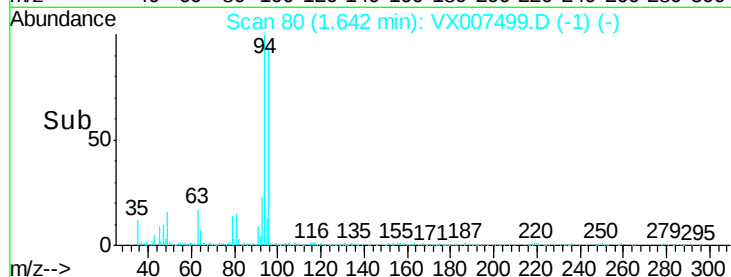
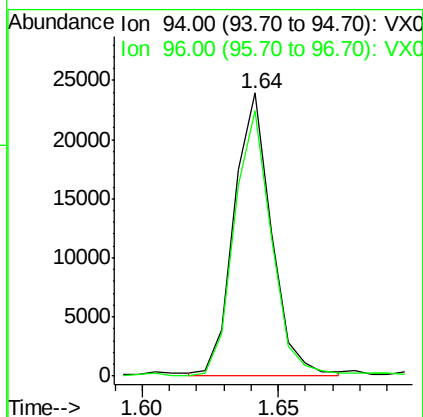
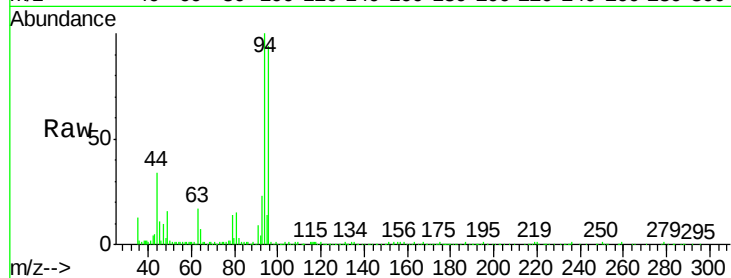
VSTDIC005

Tgt Ion: 94 Resp: 22740

Ion Ratio Lower Upper

94 100

96 94.9 75.6 113.4



#6

Chloroethane

Concen: 5.378 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.01 min

Lab File: VX007499.D

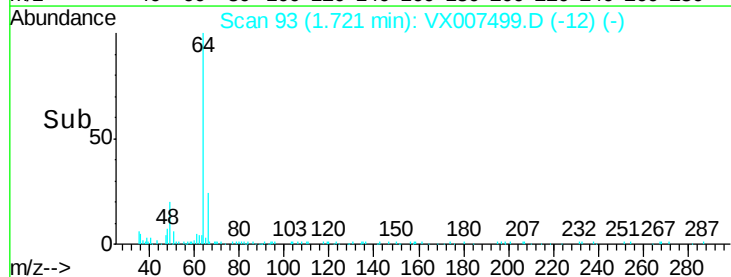
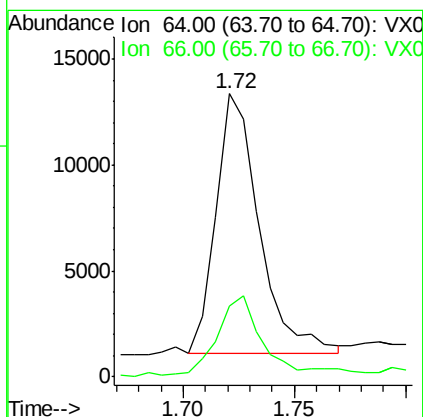
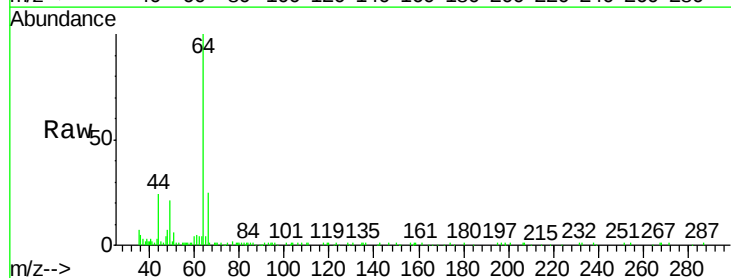
Acq: 12 Feb 2019 22:36

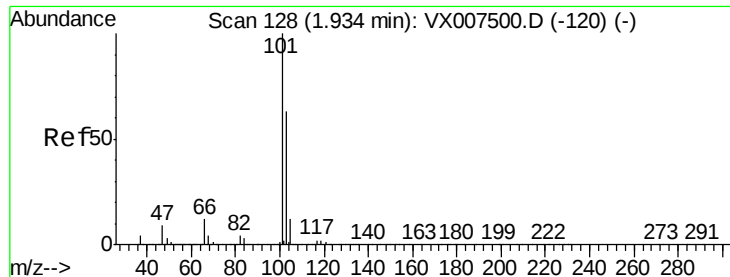
Tgt Ion: 64 Resp: 16534

Ion Ratio Lower Upper

64 100

66 25.4 23.9 35.9



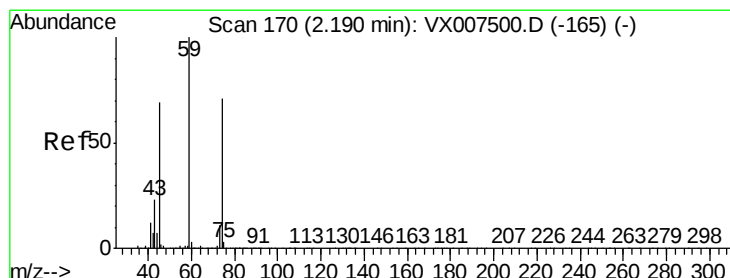
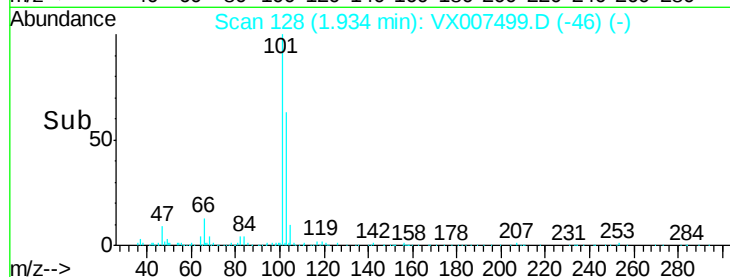
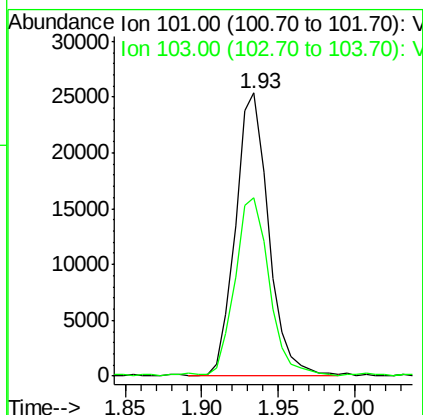
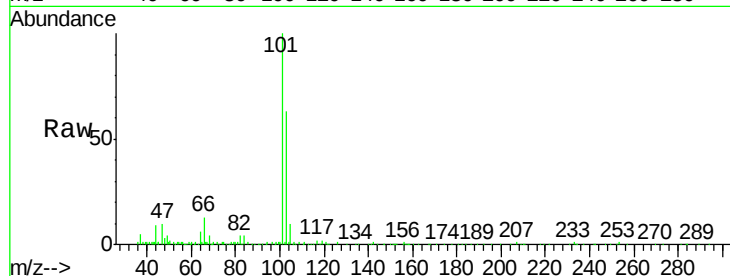


#7

Trichlorofluoromethane
Concen: 4.973 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
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VSTDIC005

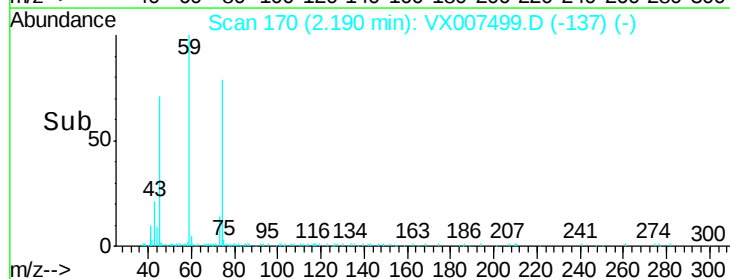
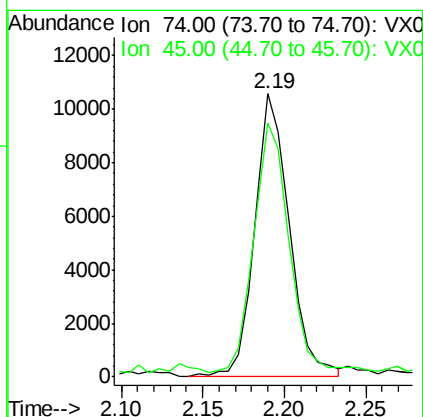
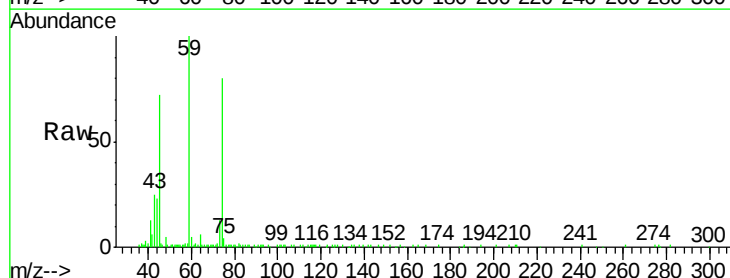
Tgt Ion:101 Resp: 37898
Ion Ratio Lower Upper
101 100
103 62.7 50.4 75.6

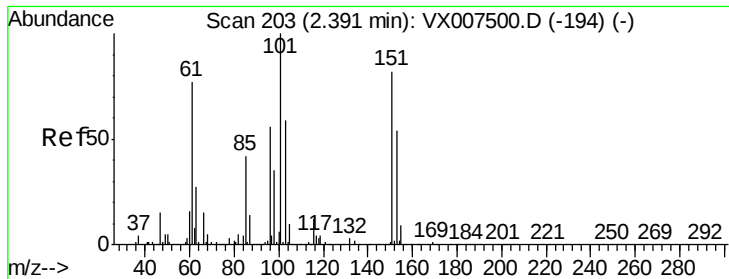


#8

Diethyl Ether
Concen: 5.412 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion: 74 Resp: 15709
Ion Ratio Lower Upper
74 100
45 88.1 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.976 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

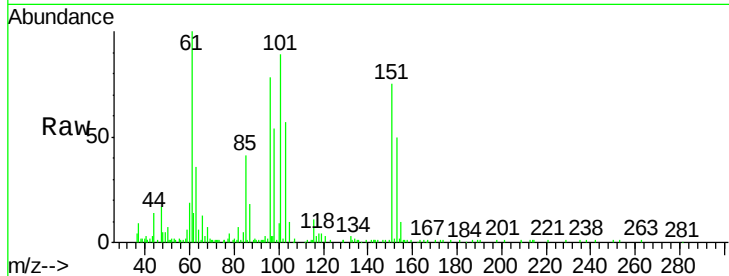
Tgt Ion: 101 Resp: 22206

Ion Ratio Lower Upper

101 100

85 46.9 0.0 86.8

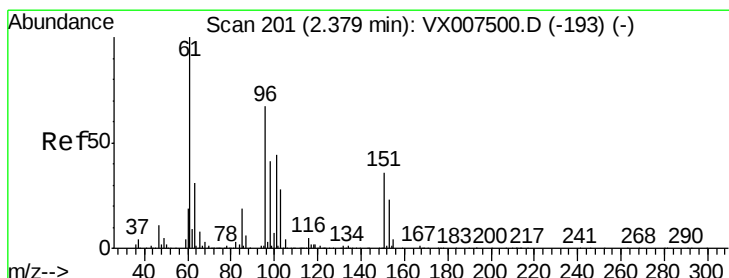
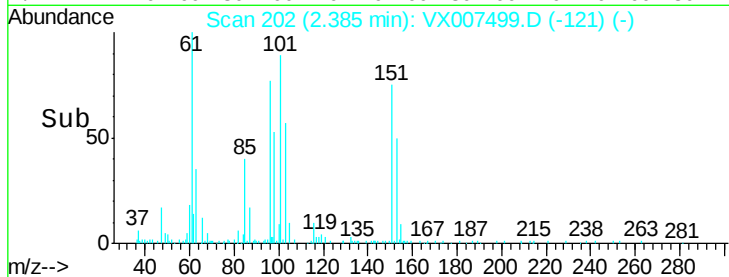
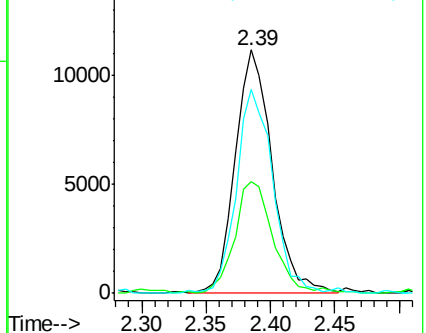
151 82.3 0.0 169.2



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: 5.061 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

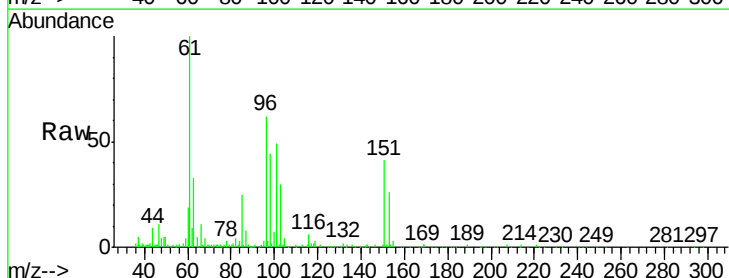
Tgt Ion: 96 Resp: 20854

Ion Ratio Lower Upper

96 100

61 162.6 120.2 180.2

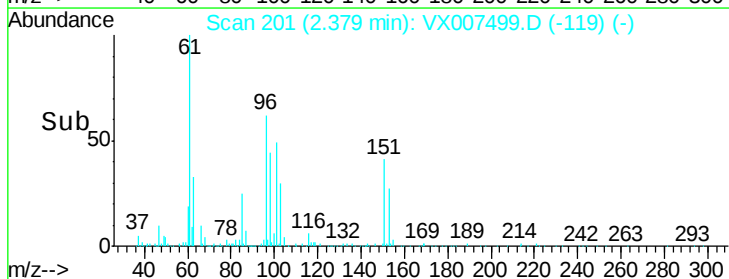
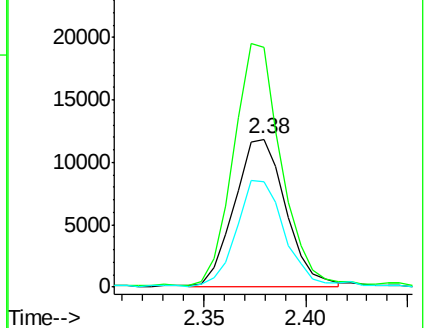
98 71.3 49.0 73.4

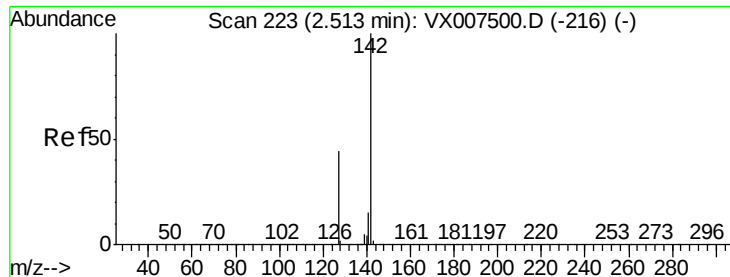


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

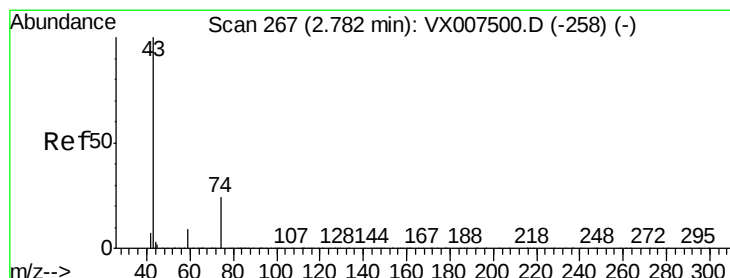
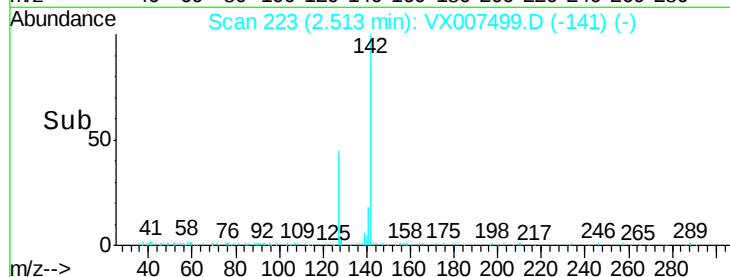
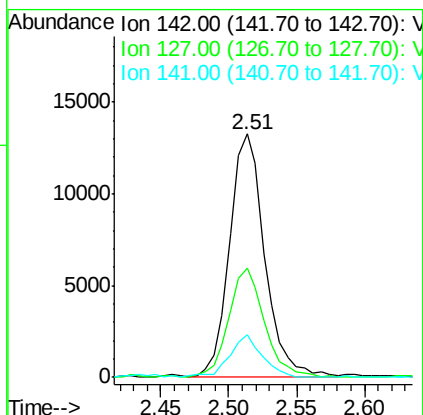
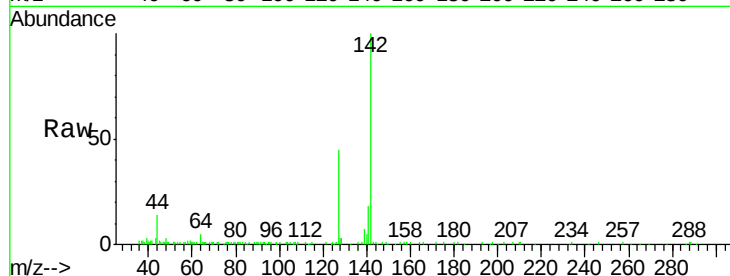




#11
Methyl Iodide
Concen: 3.702 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

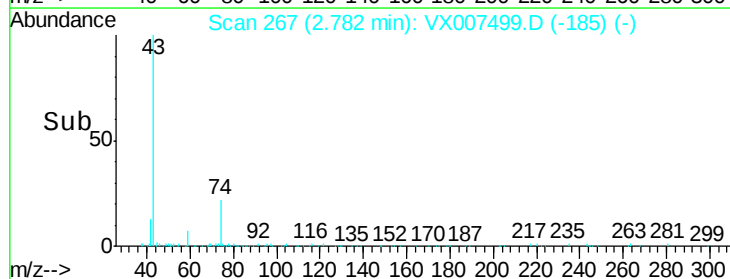
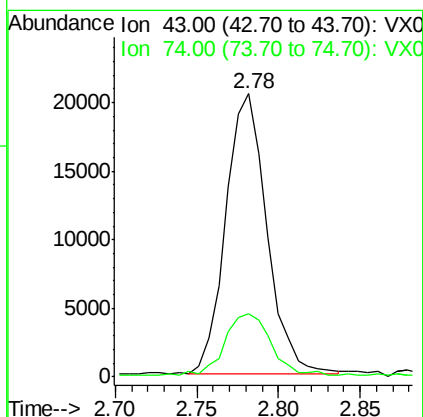
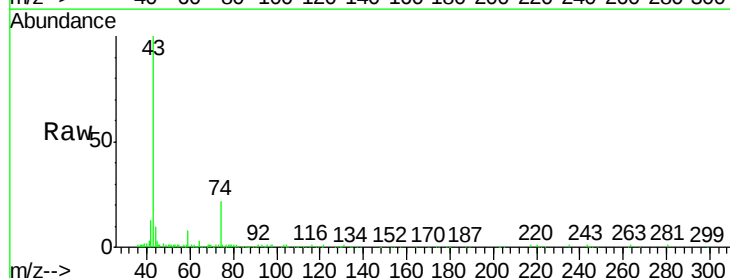
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

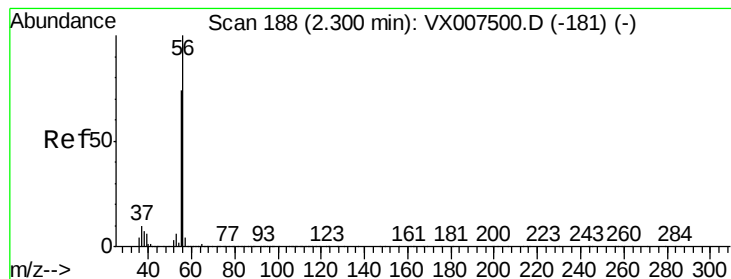
Tgt Ion:142 Resp: 24003
Ion Ratio Lower Upper
142 100
127 44.4 22.1 66.5
141 17.3 7.4 22.3



#12
Methyl Acetate
Concen: 5.359 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion: 43 Resp: 35808
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.0





#13

Acrolein

Concen: 42.484 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

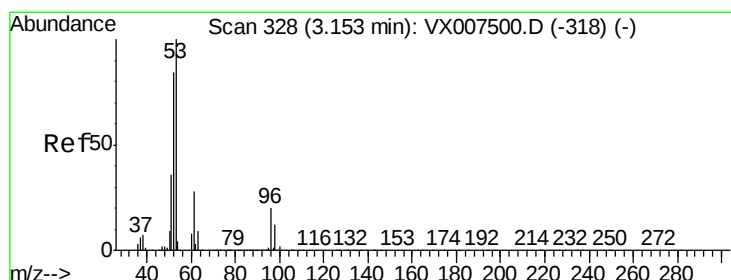
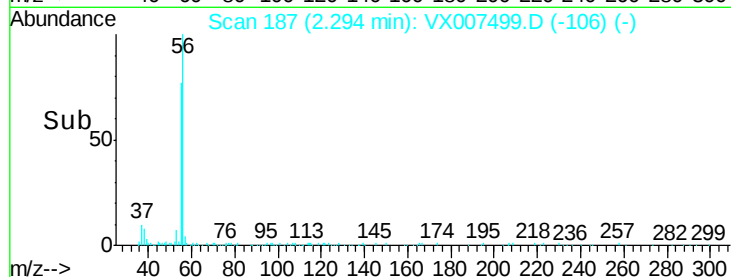
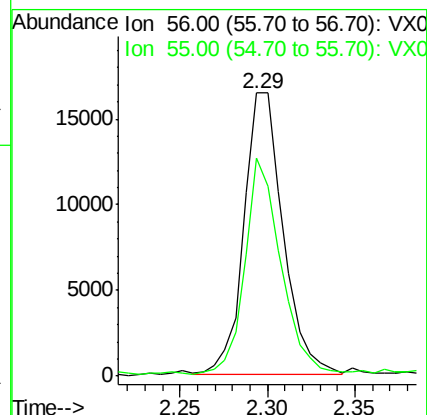
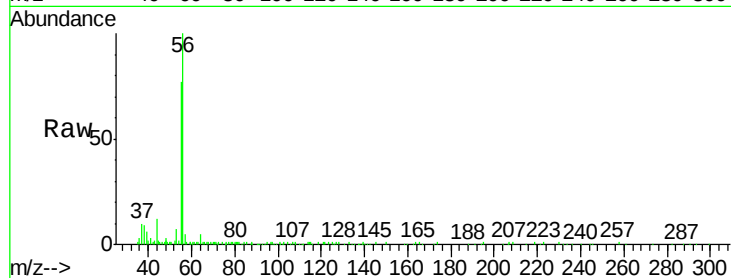
VSTDIC005

Tgt Ion: 56 Resp: 25570

Ion Ratio Lower Upper

56 100

55 72.9 58.6 87.8



#14

Acrylonitrile

Concen: 26.193 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

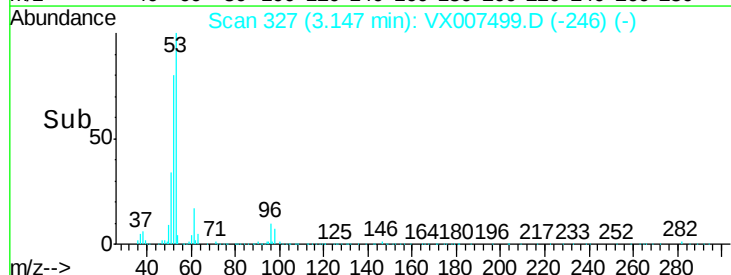
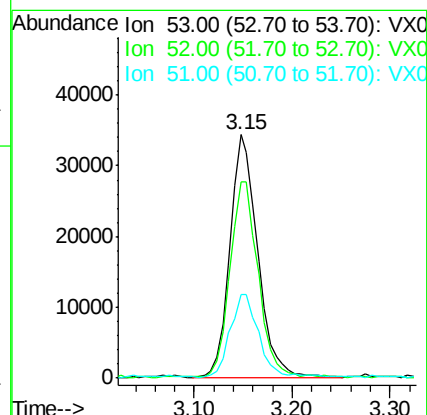
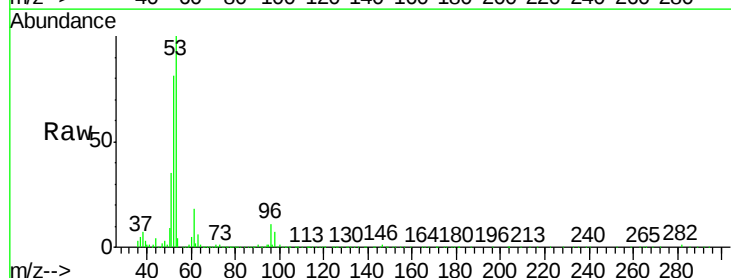
Tgt Ion: 53 Resp: 68369

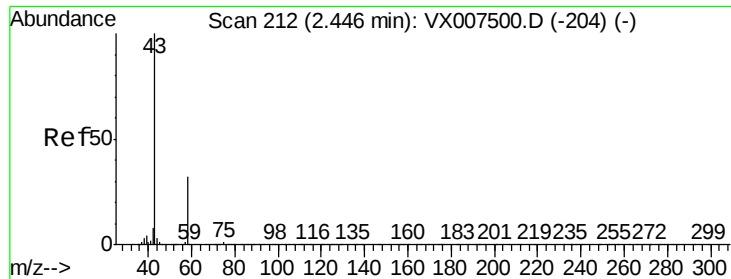
Ion Ratio Lower Upper

53 100

52 79.3 41.3 124.1

51 34.0 17.5 52.6

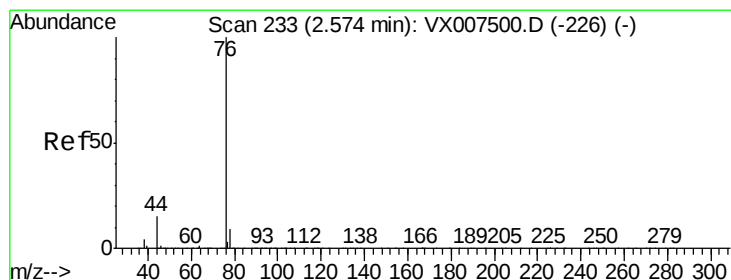
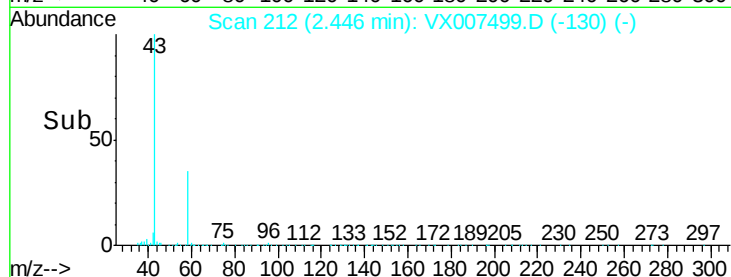
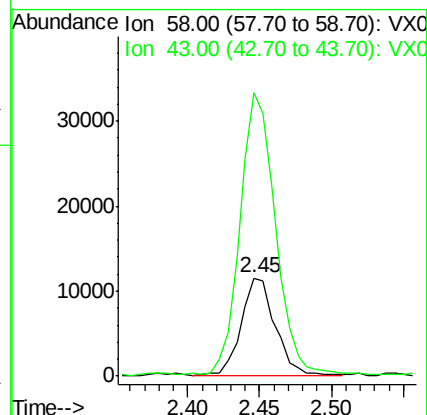
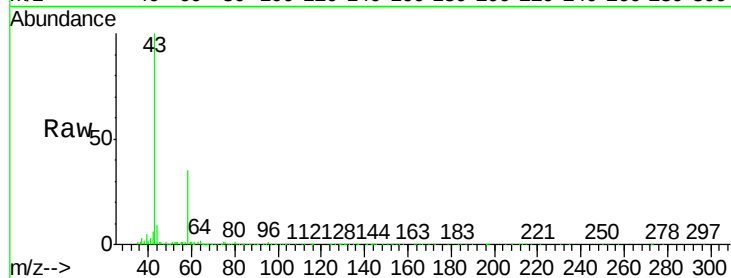




#15
Acetone
Concen: 25.937 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

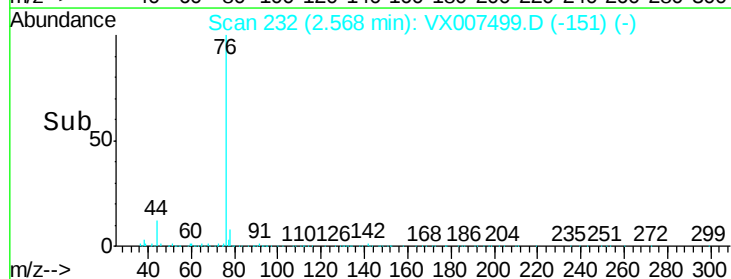
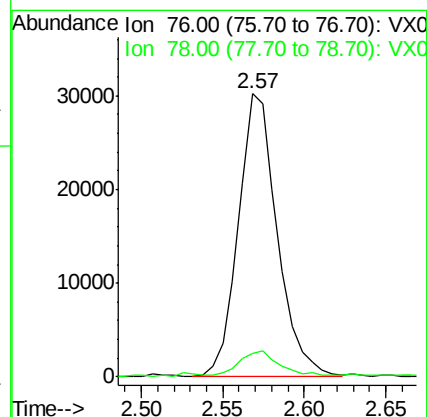
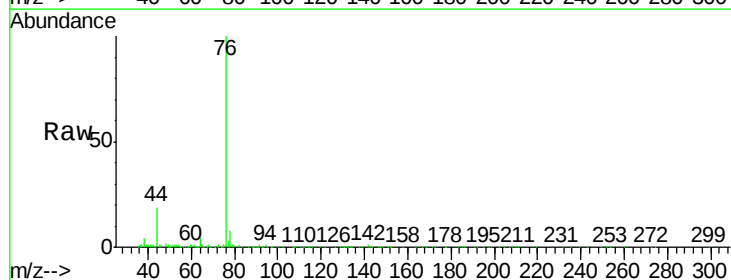
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

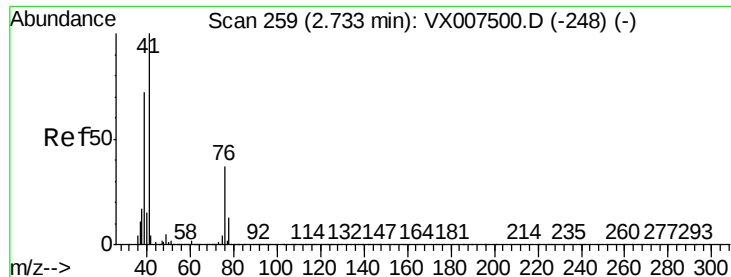
Tgt Ion: 58 Resp: 19003
Ion Ratio Lower Upper
58 100
43 287.9 249.8 374.6



#16
Carbon Disulfide
Concen: 4.863 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion: 76 Resp: 49554
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3

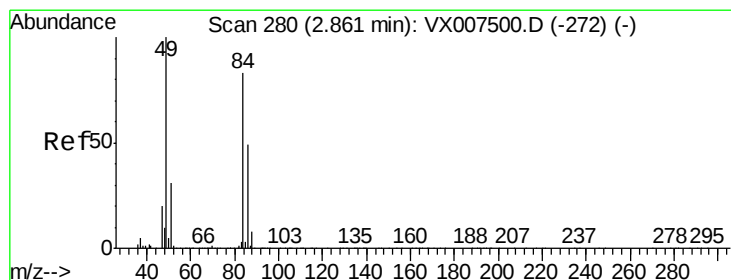
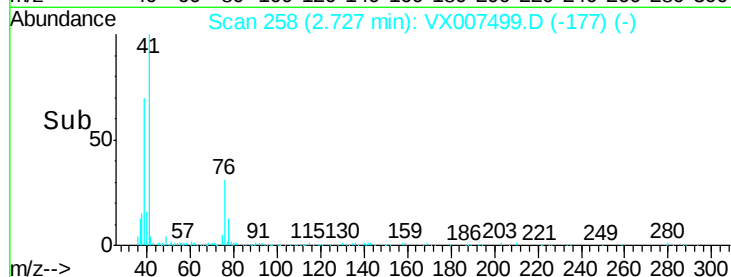
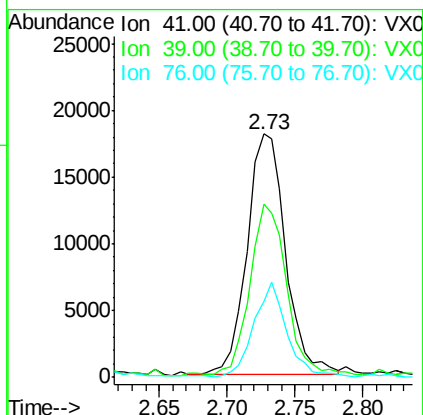
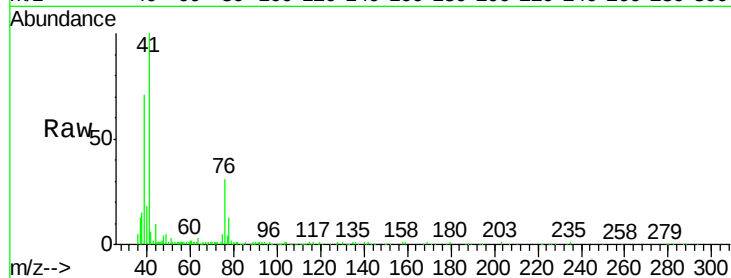




#17
 Allyl chloride
 Concen: 5.043 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

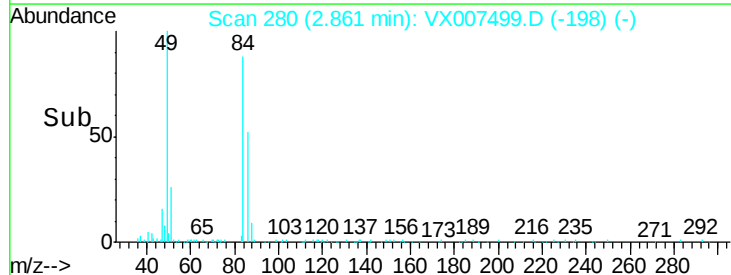
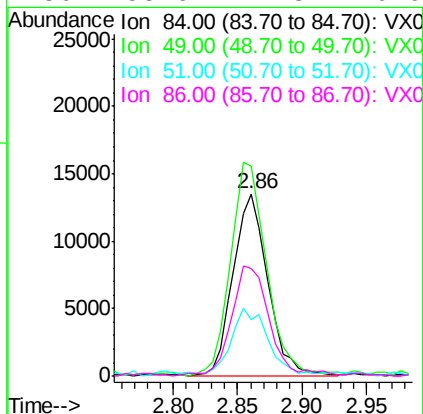
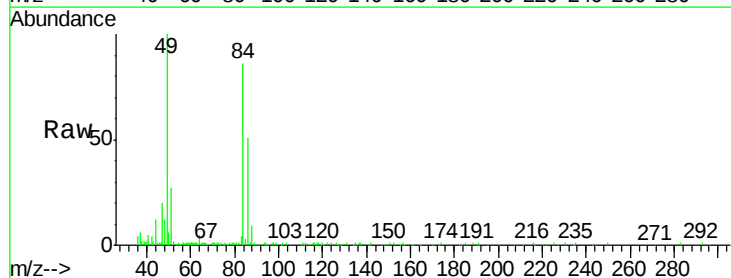
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

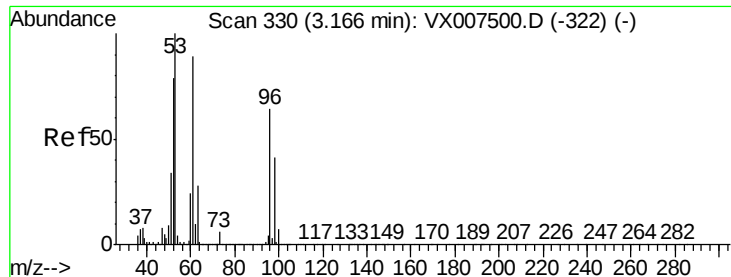
Tgt Ion:	41	Resp:	35795
Ion	Ratio	Lower	Upper
41	100		
39	69.8	35.8	107.4
76	30.0	18.3	54.9



#18
 Methylene Chloride
 Concen: 5.405 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion:	84	Resp:	25412
Ion	Ratio	Lower	Upper
84	100		
49	115.6	96.1	144.1
51	29.3	29.1	43.7
86	58.6	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 5.148 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

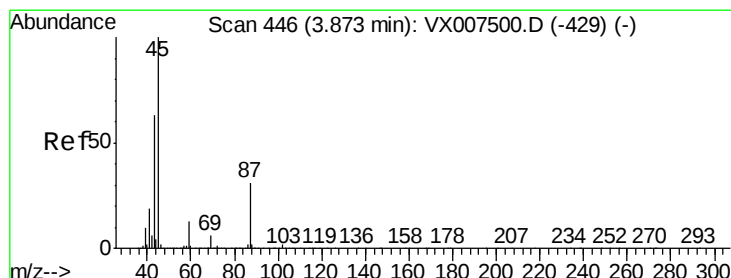
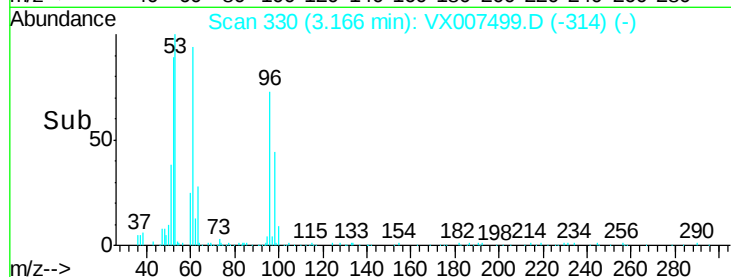
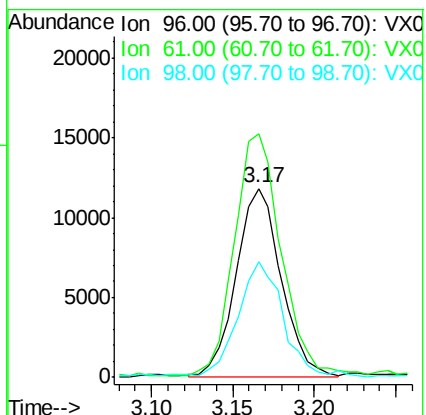
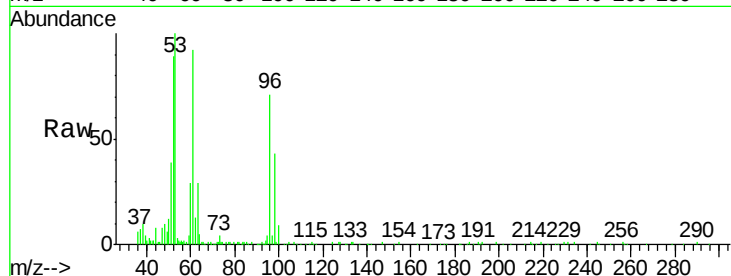
Tgt Ion: 96 Resp: 22863

Ion Ratio Lower Upper

96 100

61 129.3 109.9 164.9

98 60.1 50.4 75.6



#20

Diisopropyl ether

Concen: 5.162 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion: 45 Resp: 68541

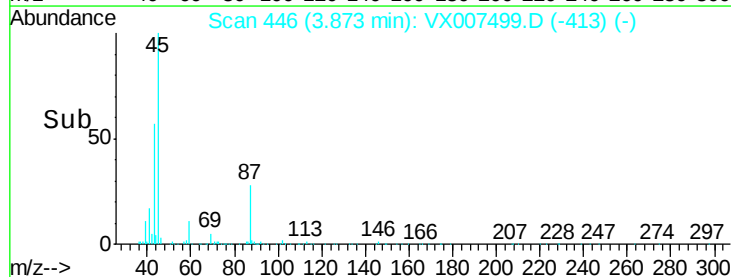
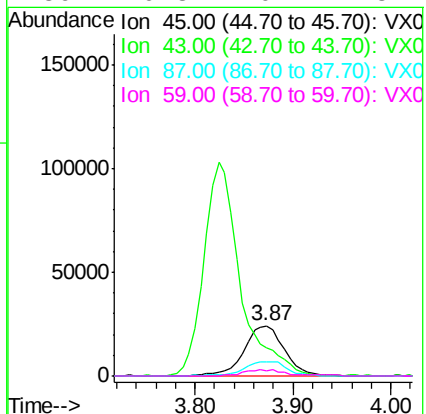
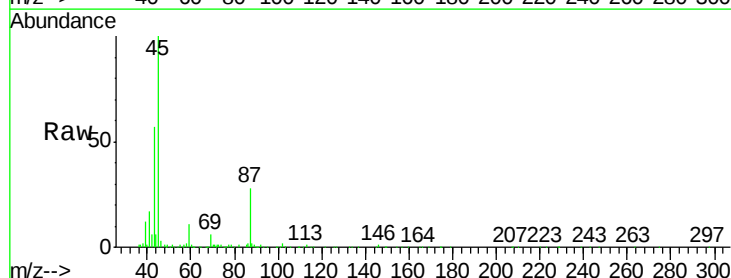
Ion Ratio Lower Upper

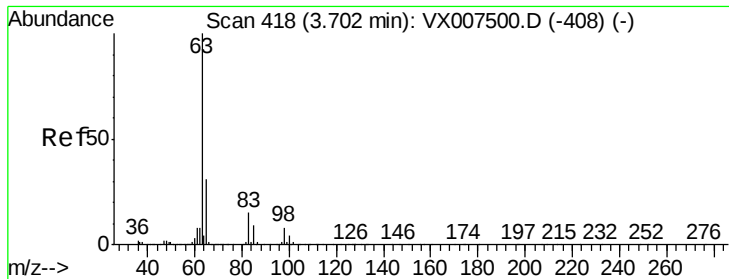
45 100

43 55.1 50.6 76.0

87 27.9 24.5 36.7

59 10.8 10.2 15.2





#21

1,1-Dichloroethane

Concen: 5.290 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

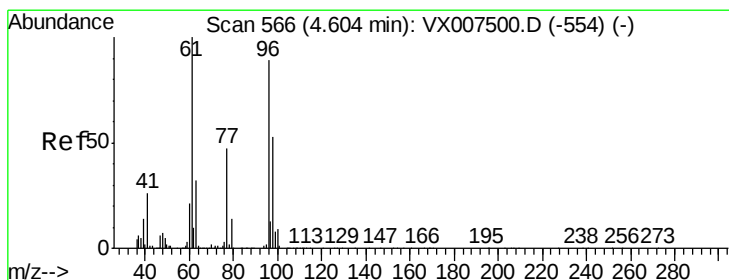
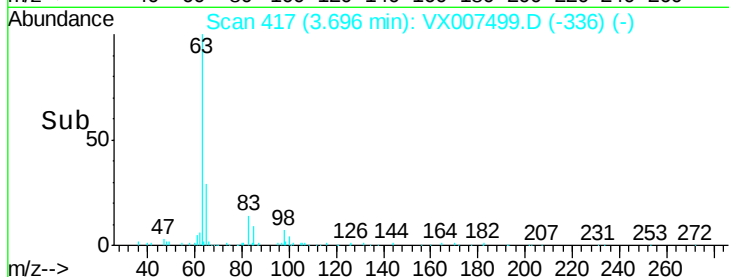
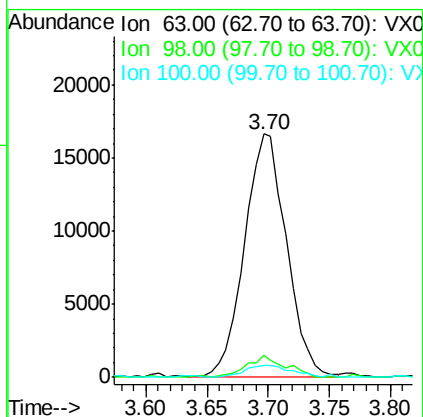
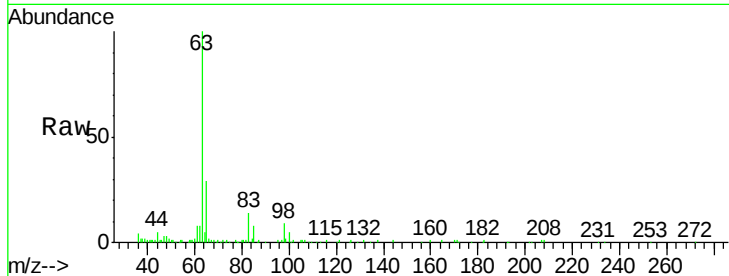
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	63	Resp:	39896
Ion	Ratio	Lower	Upper
63	100		
98	11.1	3.8	11.4
100	5.0	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 5.102 ug/l

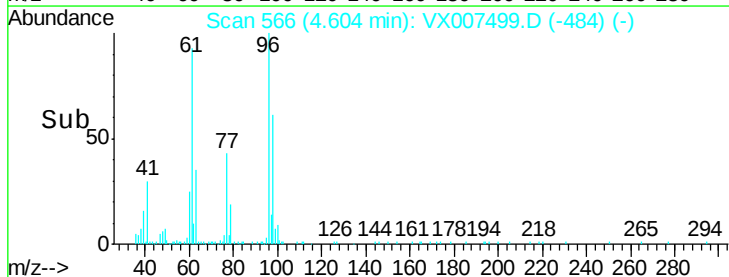
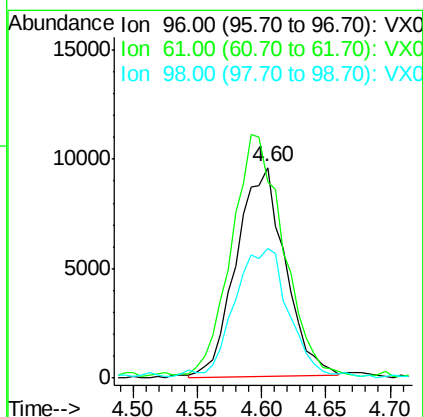
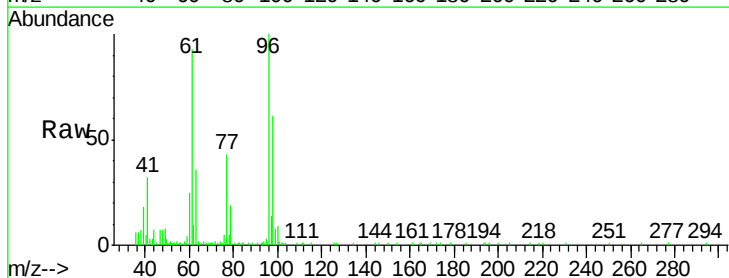
RT: 4.60 min Scan# 566

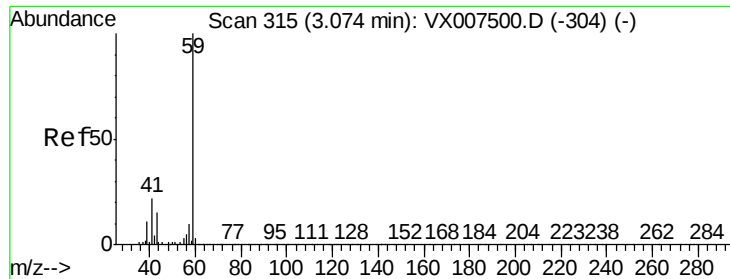
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	96	Resp:	25035
Ion	Ratio	Lower	Upper
96	100		
61	125.8	103.5	155.3
98	68.2	52.1	78.1



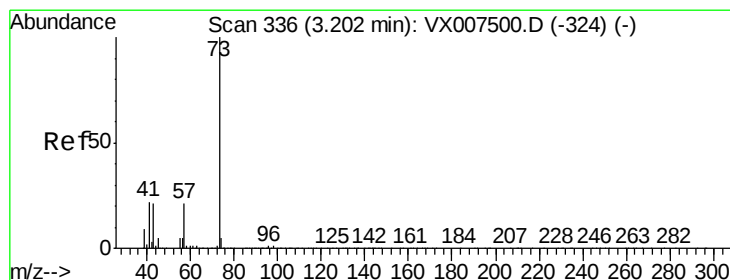
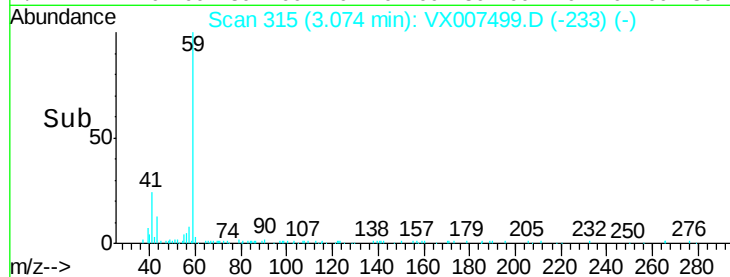
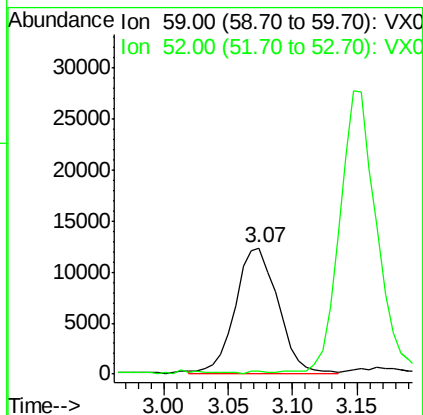
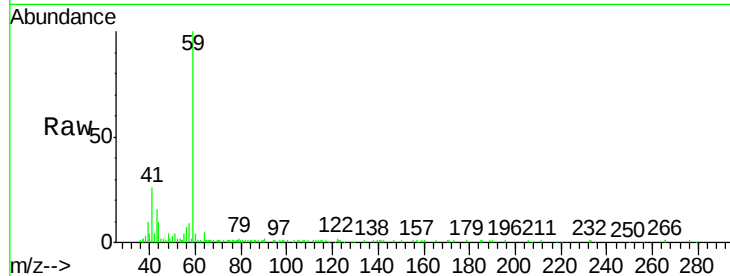


#23

tert-Butyl Alcohol
 Concen: 26.327 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

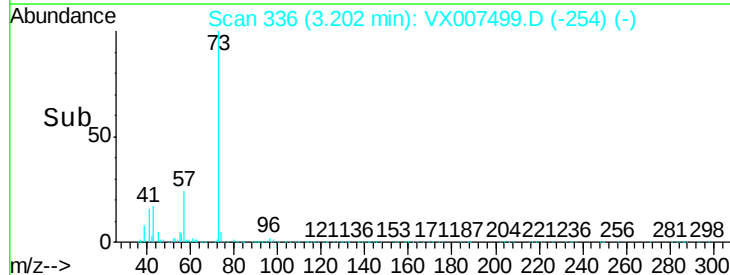
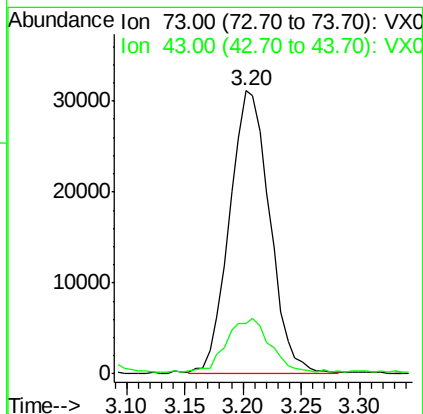
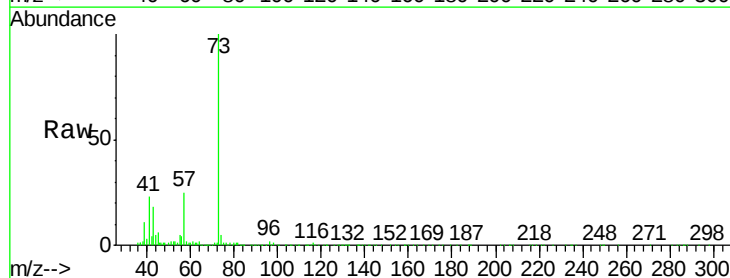
Tgt Ion: 59 Resp: 28748
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.2 0.2#

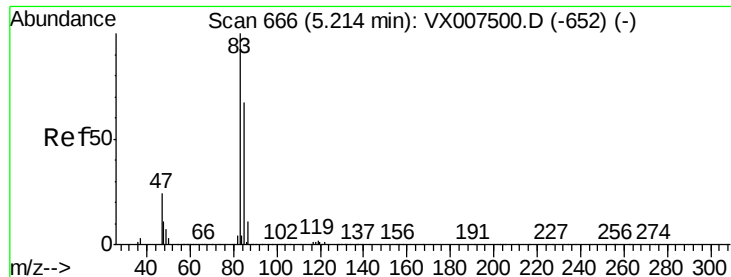


#24

Methyl tert-Butyl Ether
 Concen: 5.180 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion: 73 Resp: 74379
 Ion Ratio Lower Upper
 73 100
 43 21.6 17.1 25.7





#25

Chloroform

Concen: 5.361 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

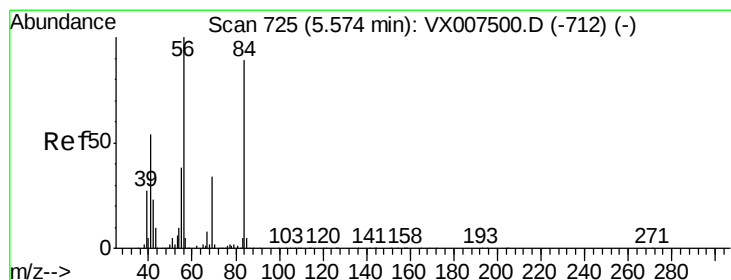
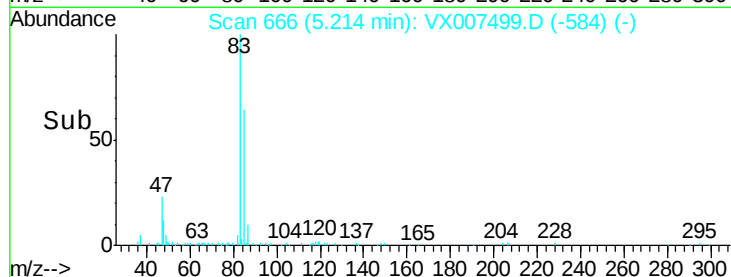
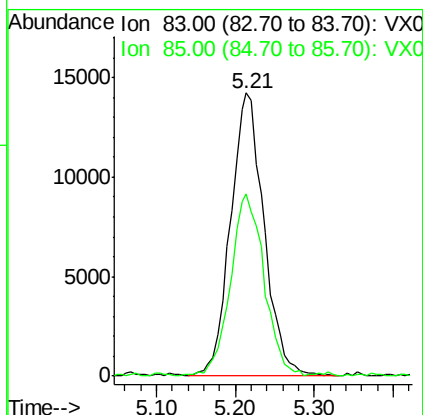
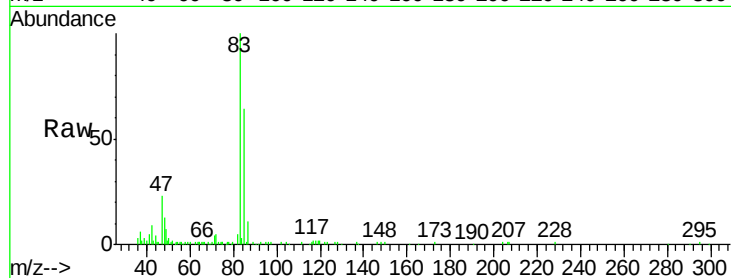
VSTDIC005

Tgt Ion: 83 Resp: 41982

Ion Ratio Lower Upper

83 100

85 64.5 53.8 80.6



#26

Cyclohexane

Concen: 4.688 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

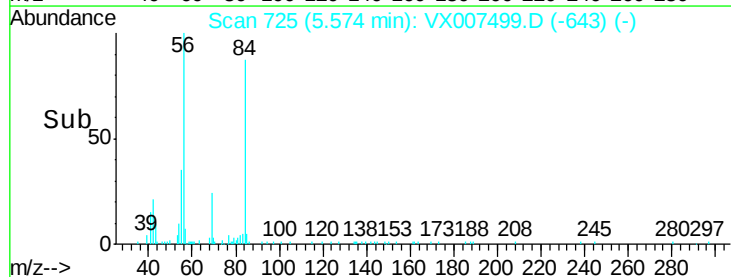
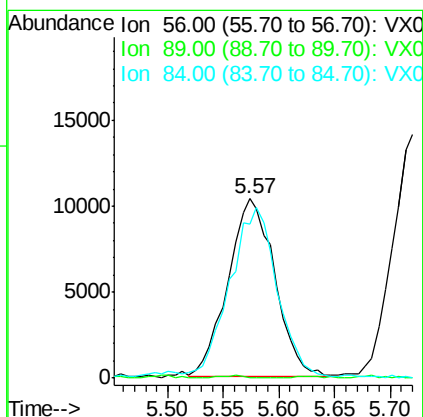
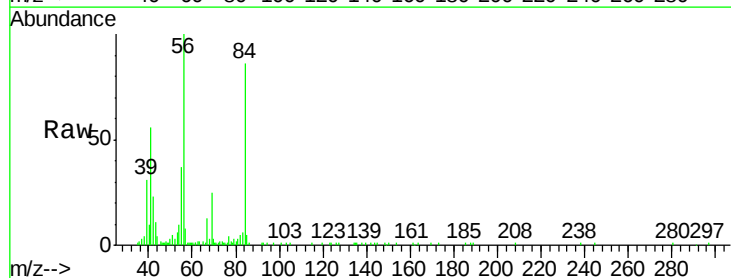
Tgt Ion: 56 Resp: 29993

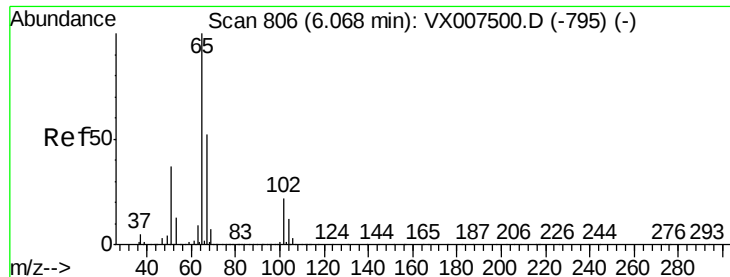
Ion Ratio Lower Upper

56 100

89 0.7 0.0 0.0#

84 98.3 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.240 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

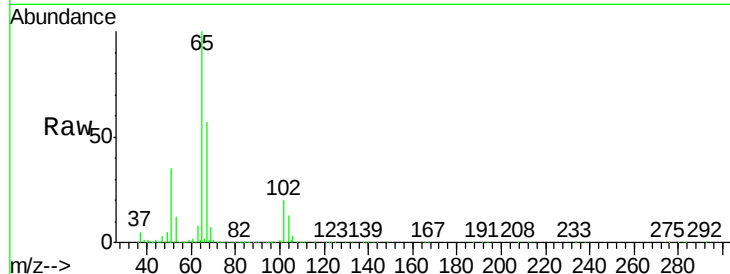
VSTDIC005

Tgt Ion: 65 Resp: 149960

Ion Ratio Lower Upper

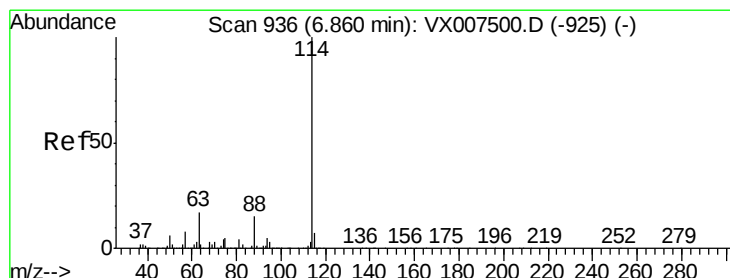
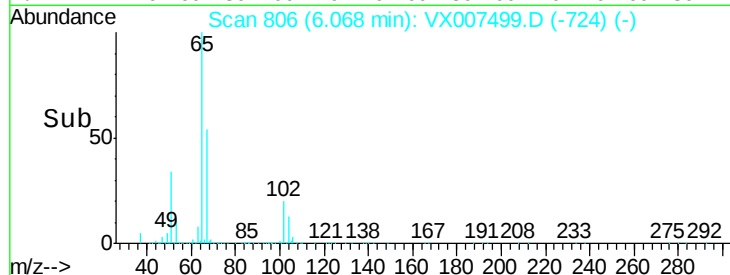
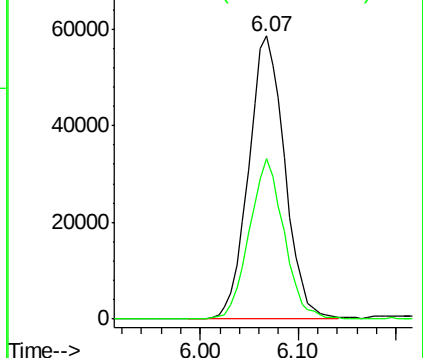
65 100

67 54.2 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: VX007499.D

Acq: 12 Feb 2019 22:36

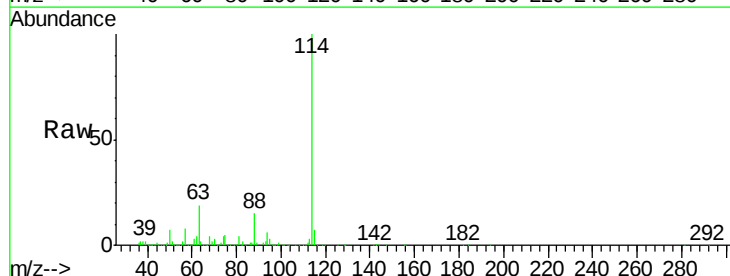
Tgt Ion: 114 Resp: 394388

Ion Ratio Lower Upper

114 100

63 18.1 14.2 21.4

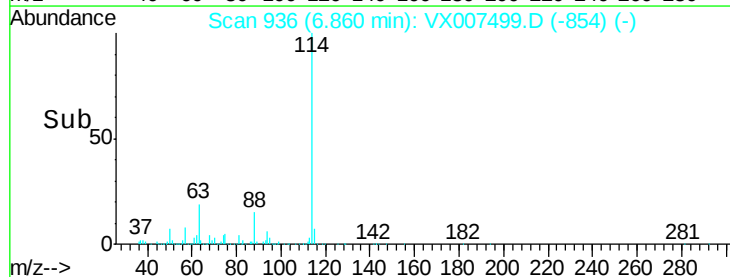
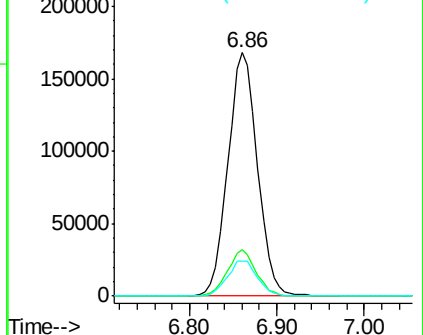
88 14.8 11.9 17.9

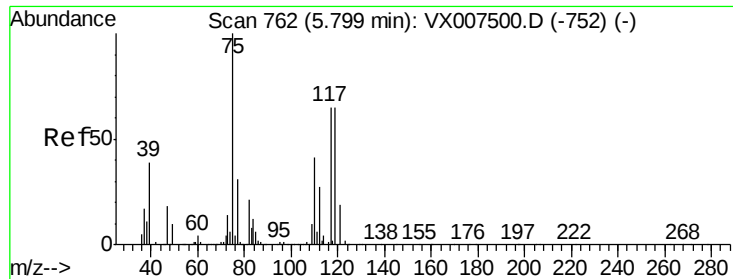


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

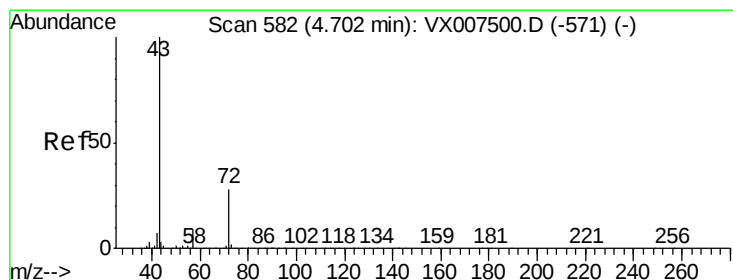
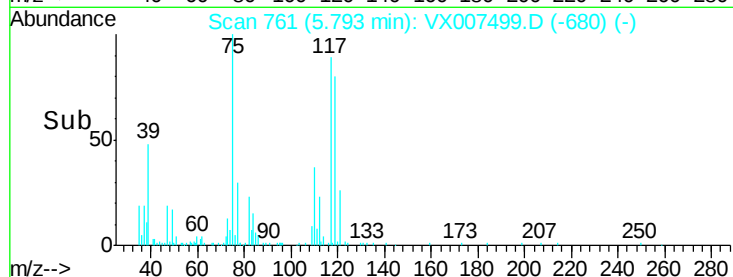
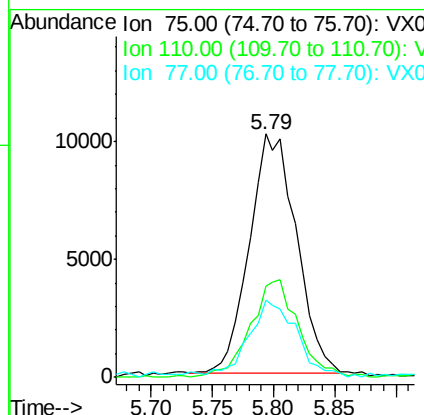
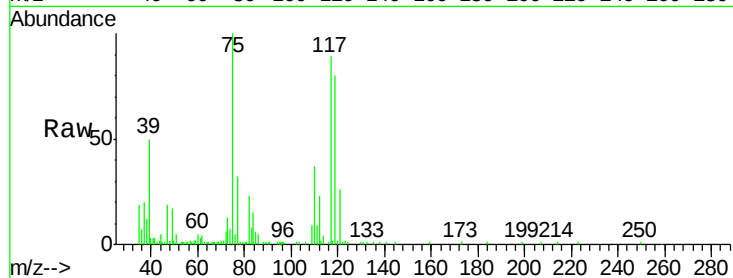




#29
 1,1-Dichloropropene
 Concen: 5.191 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

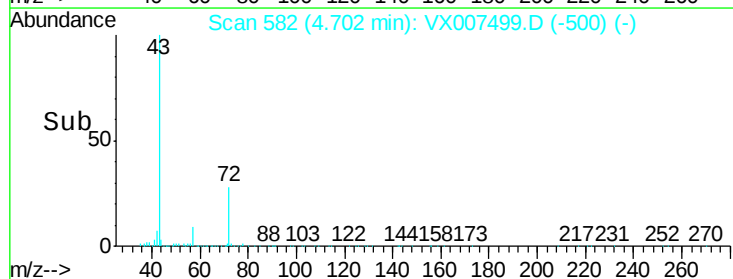
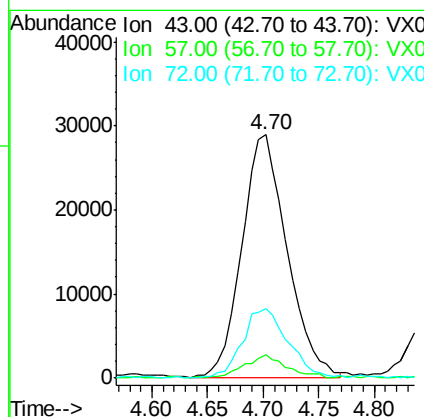
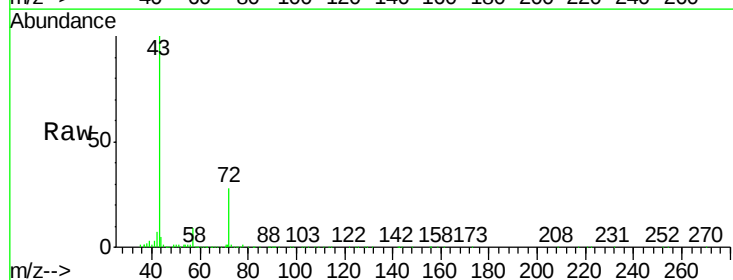
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

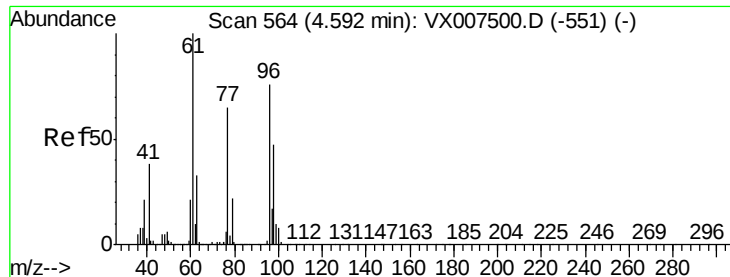
Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.2	0.0	80.8
77	32.9	0.0	62.4



#30
 2-Butanone
 Concen: 26.460 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	7.0	10.6
72	28.6	21.5	32.3





#31

2,2-Dichloropropane

Concen: 1.948 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.02 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

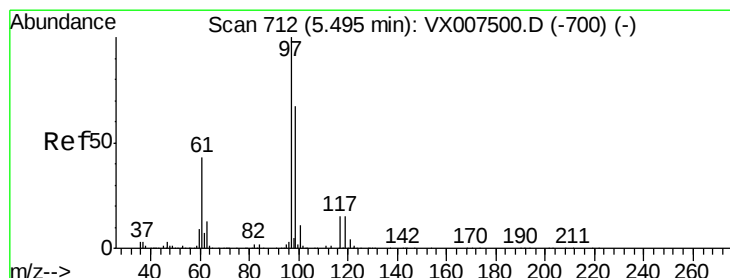
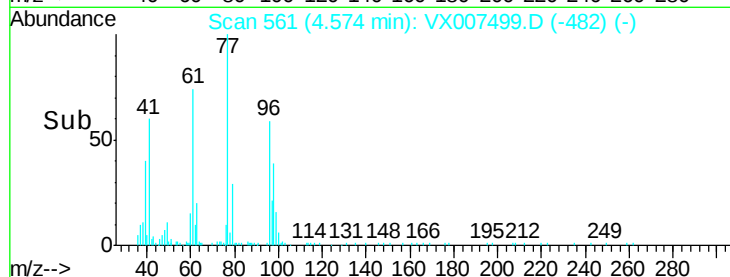
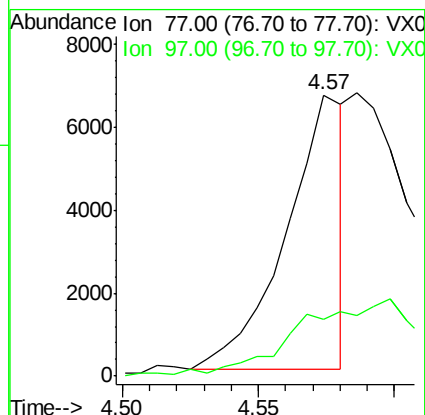
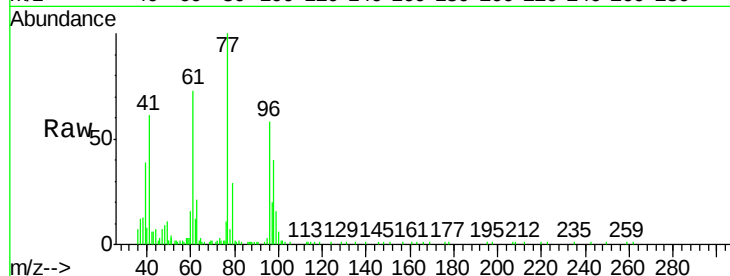
VSTDIC005

Tgt Ion: 77 Resp: 9904

Ion Ratio Lower Upper

77 100

97 20.8 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 5.158 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

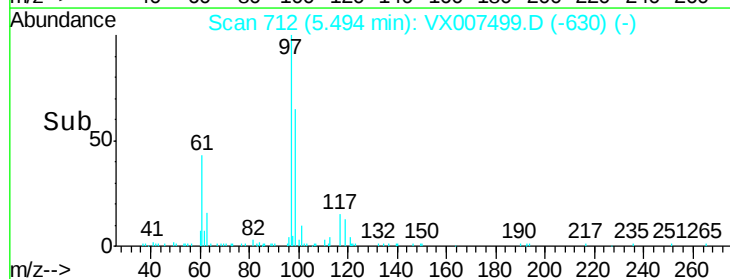
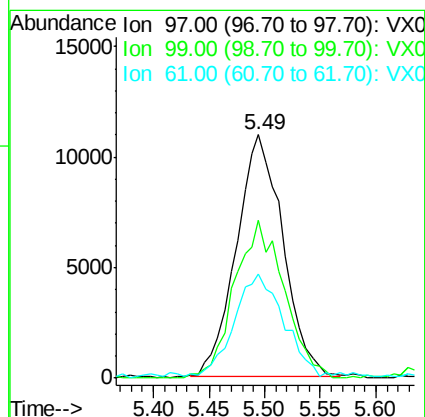
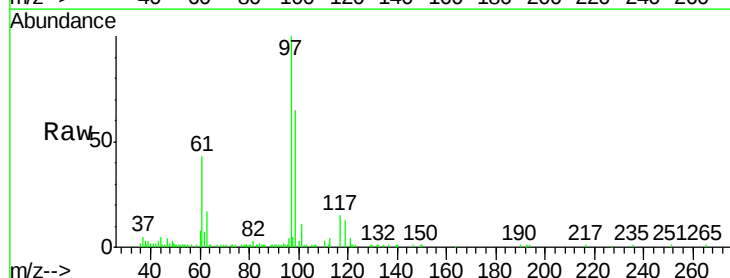
Tgt Ion: 97 Resp: 32004

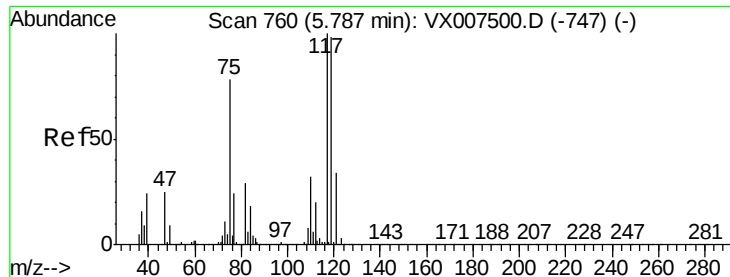
Ion Ratio Lower Upper

97 100

99 68.8 51.7 77.5

61 43.9 32.8 49.2





#33

Carbon Tetrachloride

Concen: 5.193 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

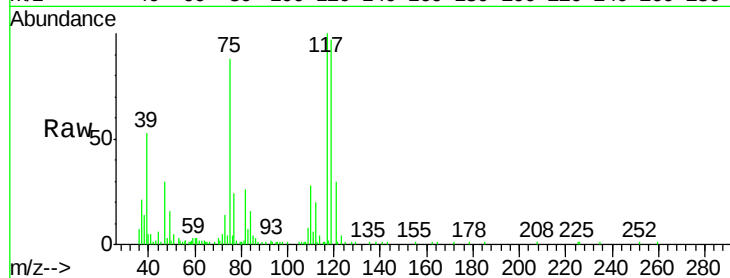
Tgt Ion:117 Resp: 28354

Ion Ratio Lower Upper

117 100

119 96.5 78.1 117.1

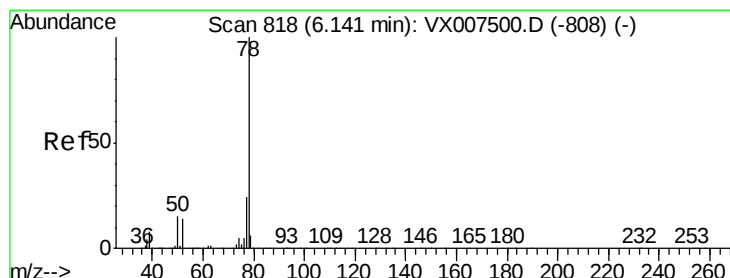
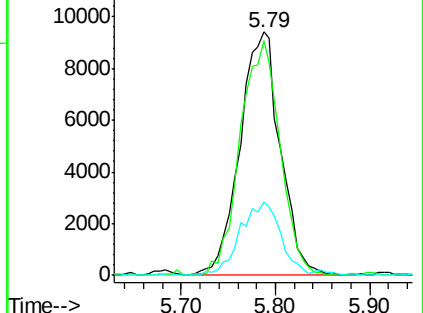
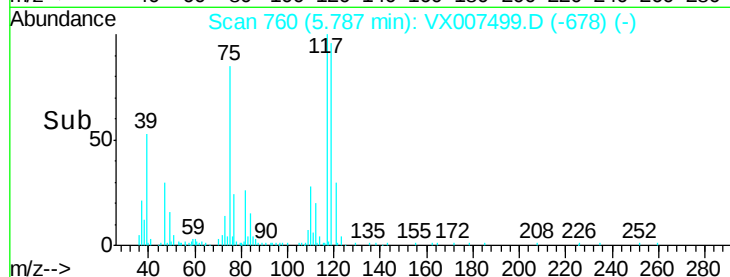
121 30.6 27.0 40.6



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: 5.679 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

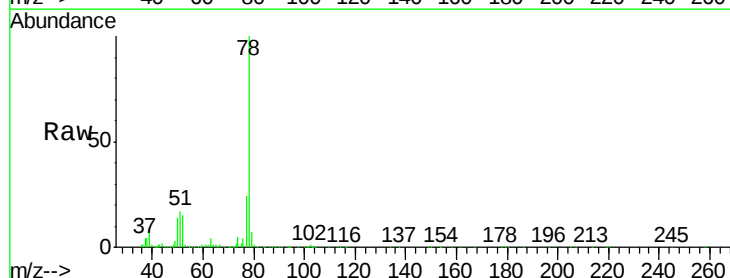
Tgt Ion: 78 Resp: 91819

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

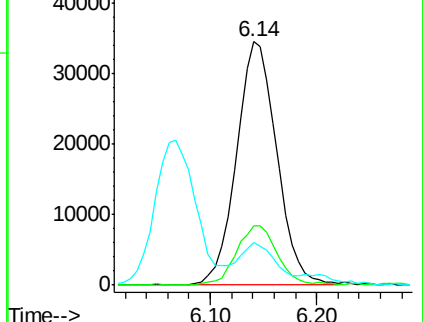
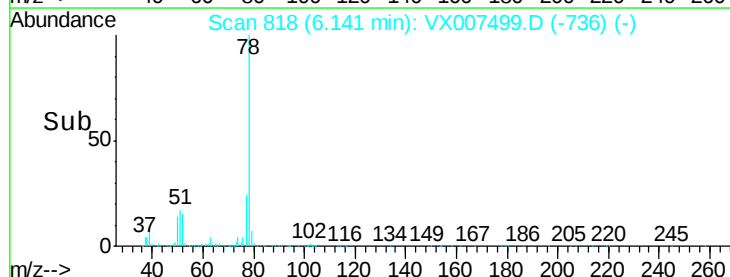
51 15.8 10.8 16.2

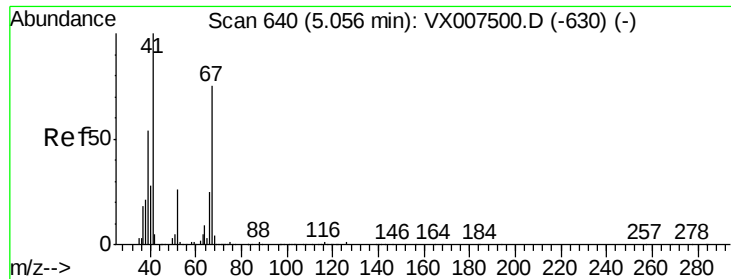


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

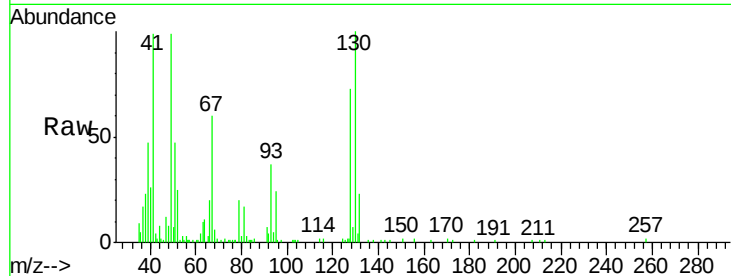




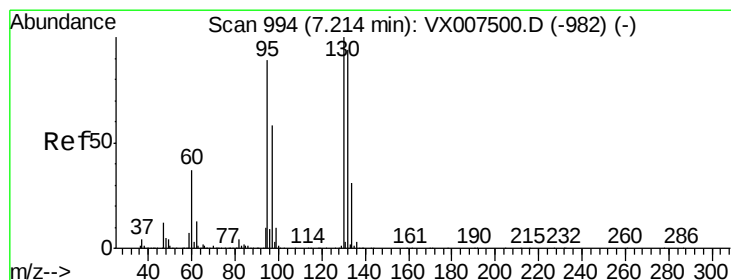
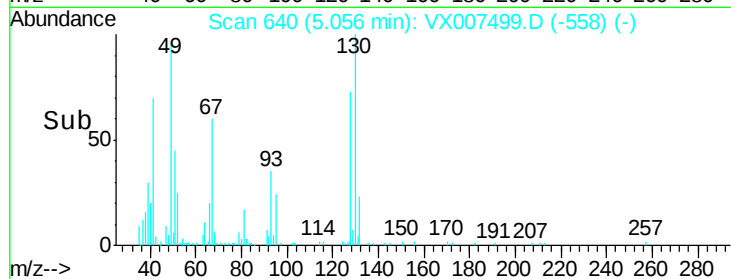
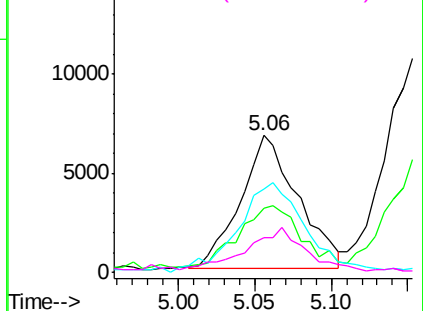
#35
Methacrylonitrile
Concen: 5.487 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	17451
Ion	Ratio	Lower	Upper
41	100		
39	44.7	27.4	82.0
67	58.0	37.9	113.6
52	21.8	13.3	39.9

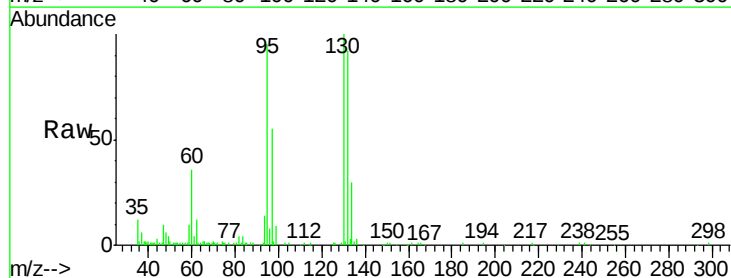


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

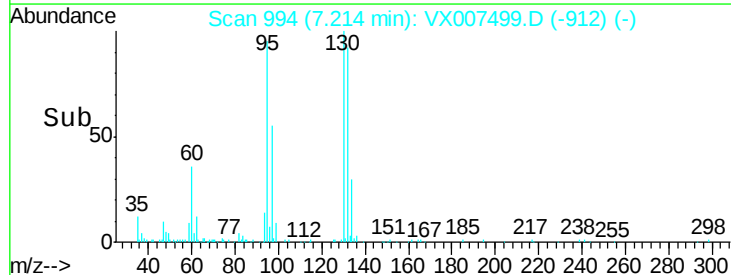
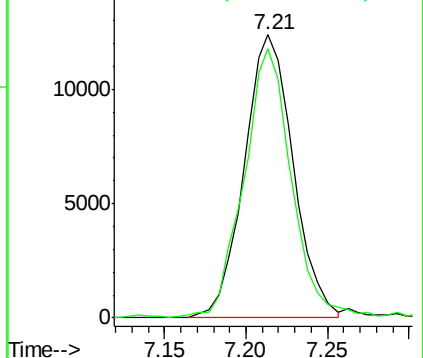


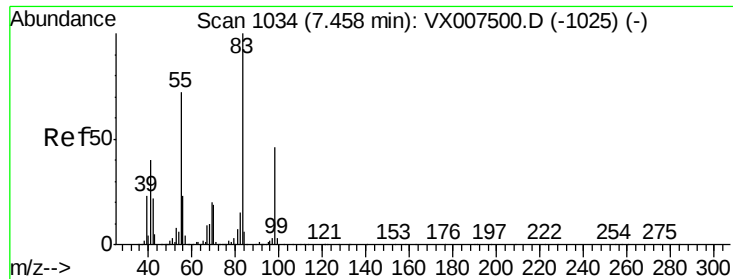
#37
Trichloroethene
Concen: 5.451 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion:	130	Resp:	25875
Ion	Ratio	Lower	Upper
130	100		
95	94.3	71.3	106.9



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

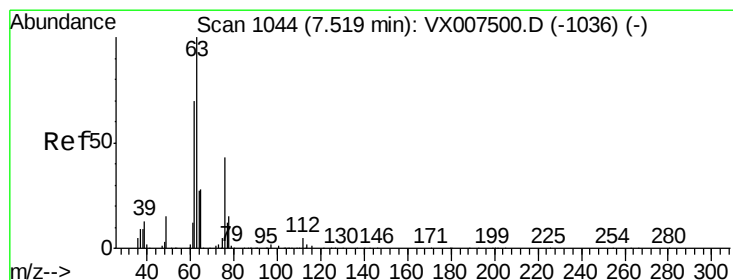
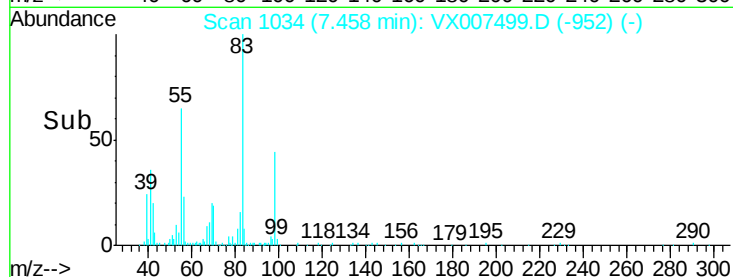
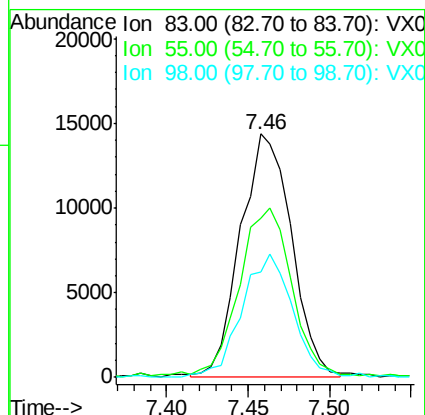
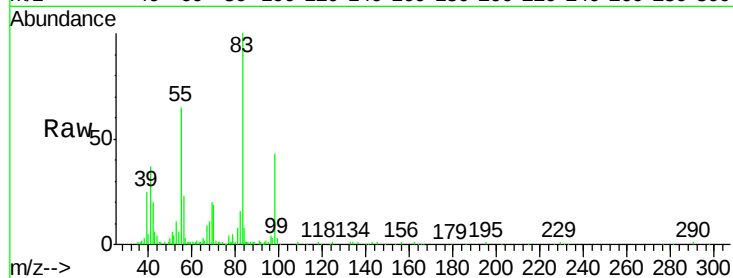




#38
Methylcyclohexane
Concen: 4.743 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

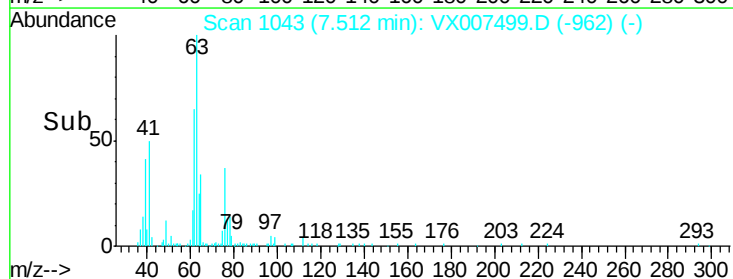
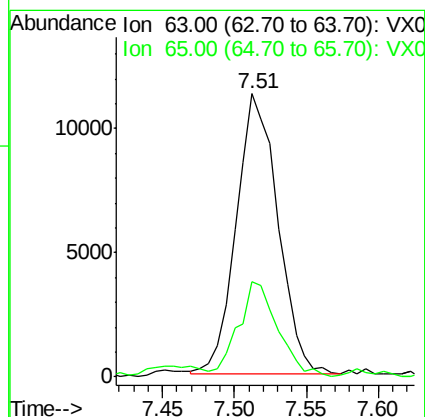
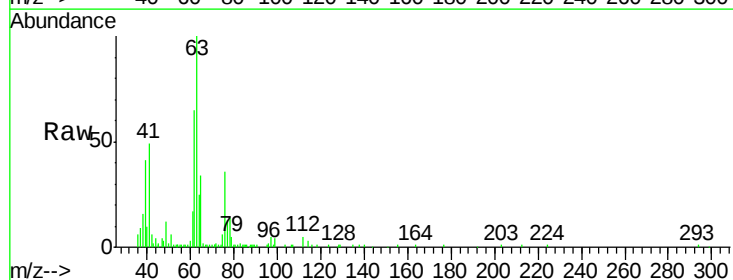
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

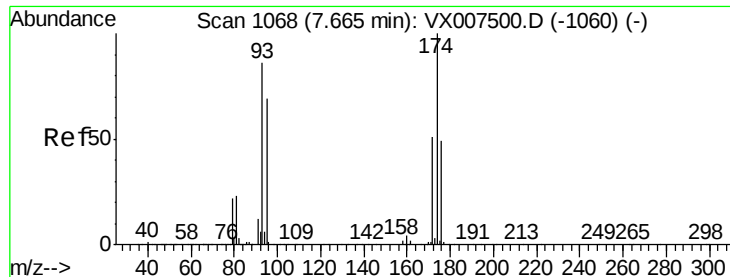
Tgt Ion: 83 Resp: 31071
Ion Ratio Lower Upper
83 100
55 69.3 36.0 108.0
98 50.5 23.8 71.4



#39
1,2-Dichloropropane
Concen: 5.600 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion: 63 Resp: 22718
Ion Ratio Lower Upper
63 100
65 33.0 24.6 37.0





#40

Dibromomethane

Concen: 5.424 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

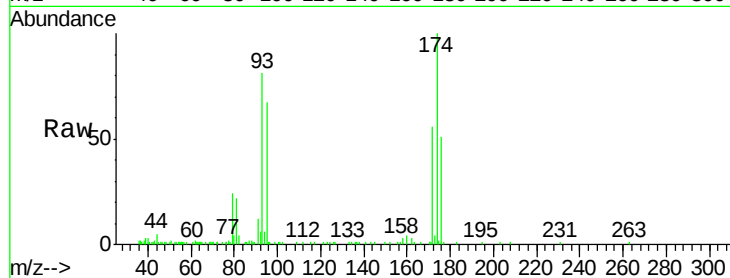
Tgt Ion: 93 Resp: 15947

Ion Ratio Lower Upper

93 100

95 85.3 0.0 158.8

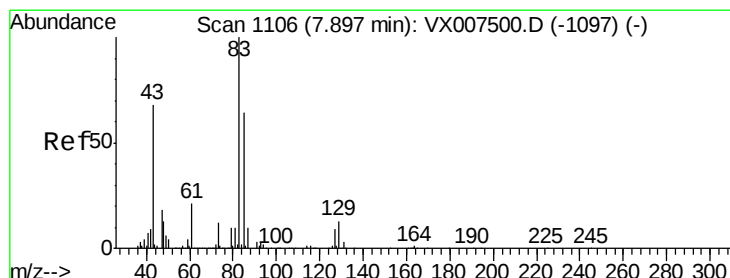
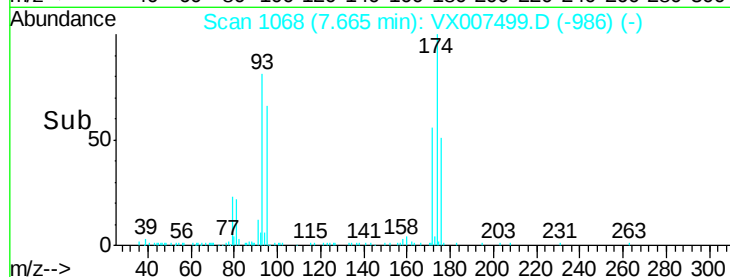
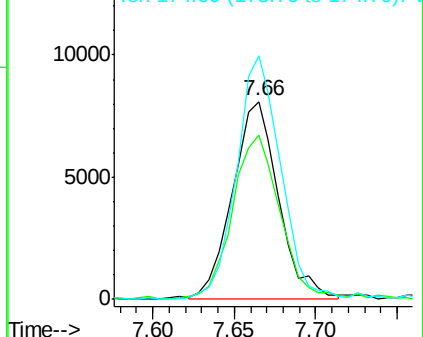
174 117.7 0.0 224.2



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 5.092 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

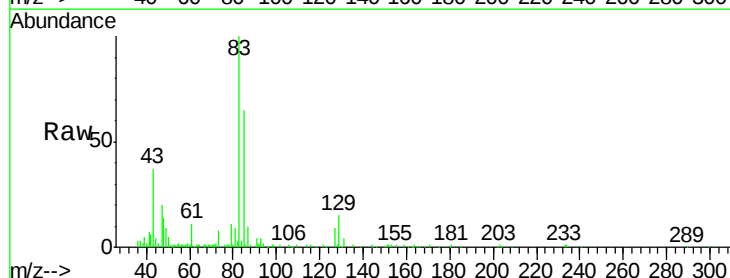
Tgt Ion: 83 Resp: 26206

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

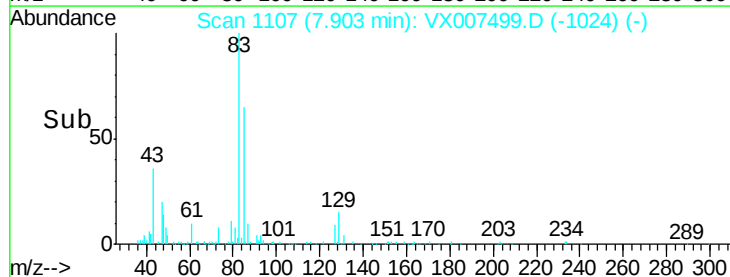
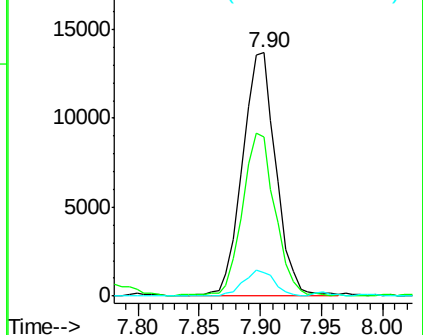
127 9.5 7.2 10.8

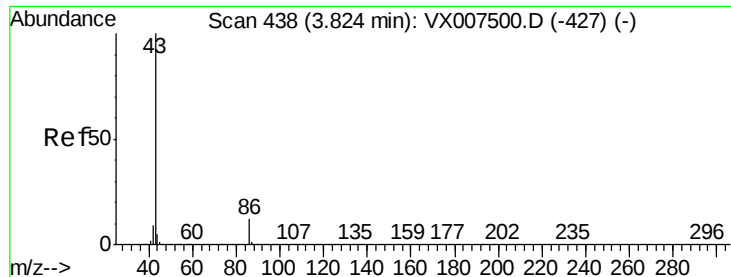


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 24.928 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

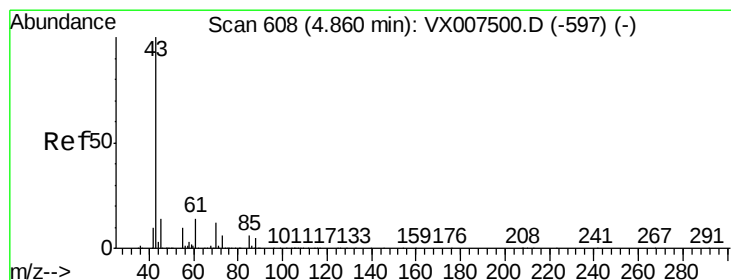
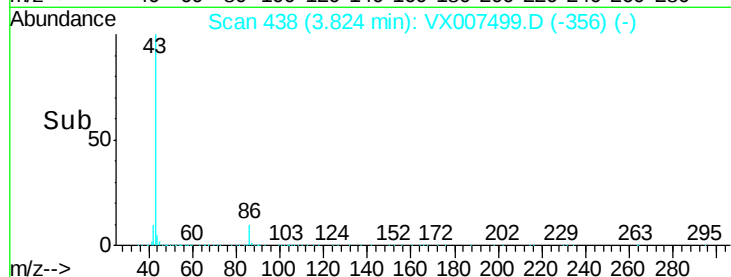
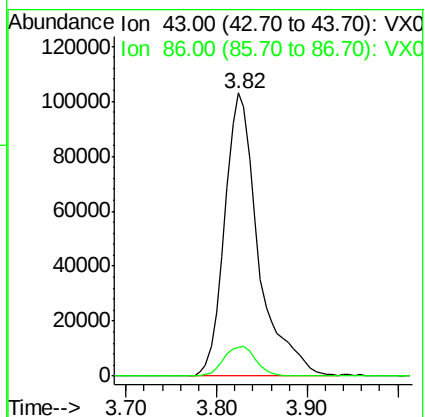
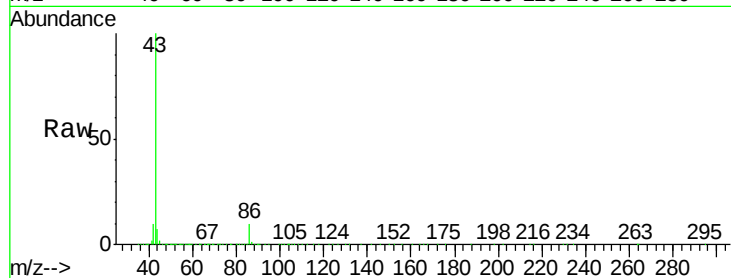
VSTDIC005

Tgt Ion: 43 Resp: 266764

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.2



#43

Ethyl Acetate

Concen: 5.281 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX007499.D

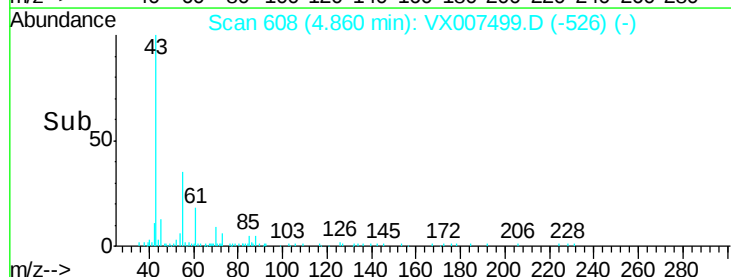
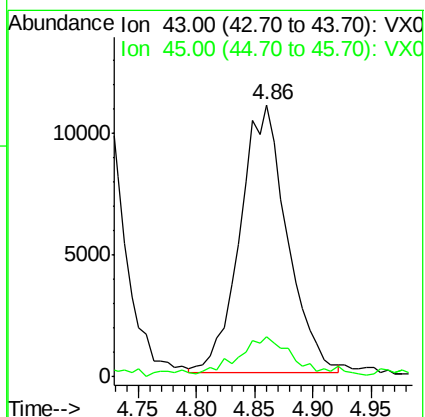
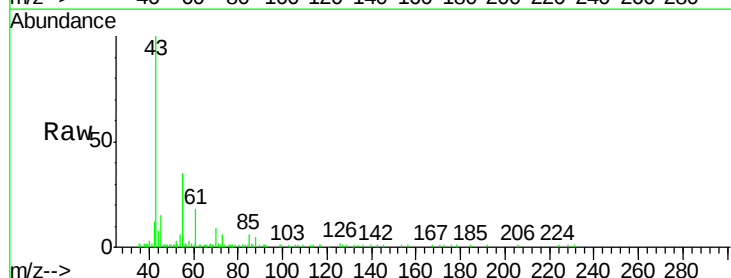
Acq: 12 Feb 2019 22:36

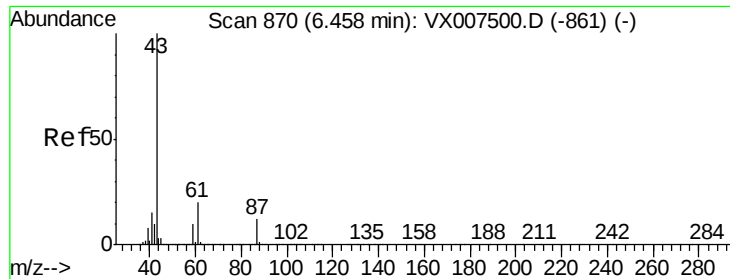
Tgt Ion: 43 Resp: 30952

Ion Ratio Lower Upper

43 100

45 11.7 6.9 10.3#





#44

Isopropyl Acetate

Concen: 5.104 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

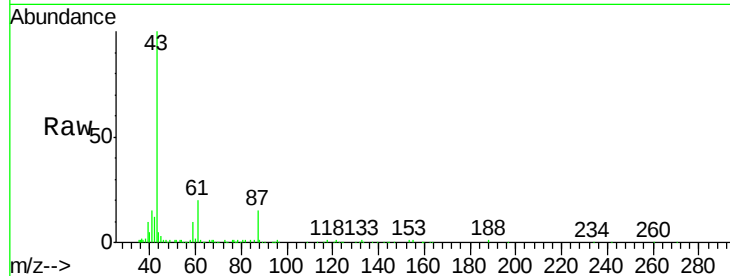
VSTDIC005

Tgt Ion: 43 Resp: 46507

Ion Ratio Lower Upper

43 100

61 19.4 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.46

20000

15000

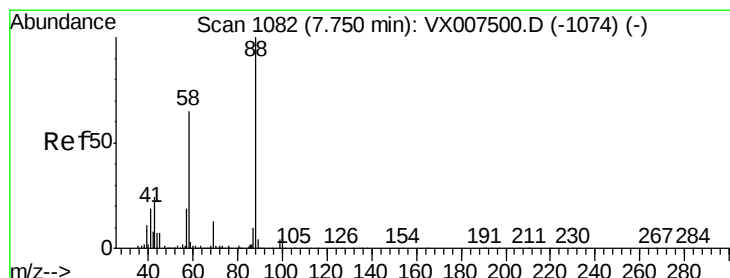
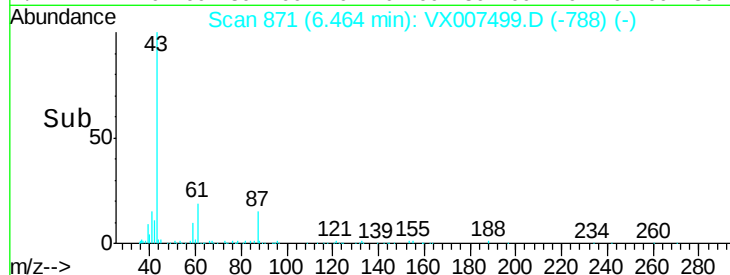
10000

5000

0

6.40 6.45 6.50

Time-->



#45

1,4-Dioxane

Concen: 99.183 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

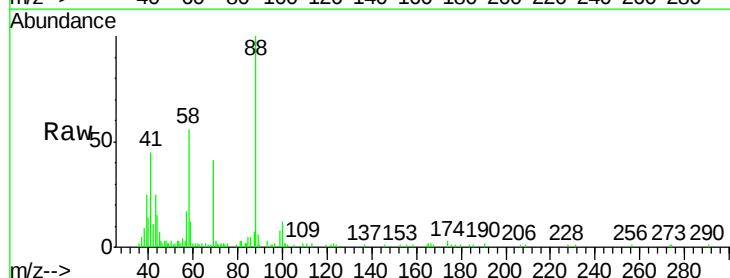
Tgt Ion: 88 Resp: 10865

Ion Ratio Lower Upper

88 100

43 33.1 23.6 35.4

58 73.7 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.76

8000

6000

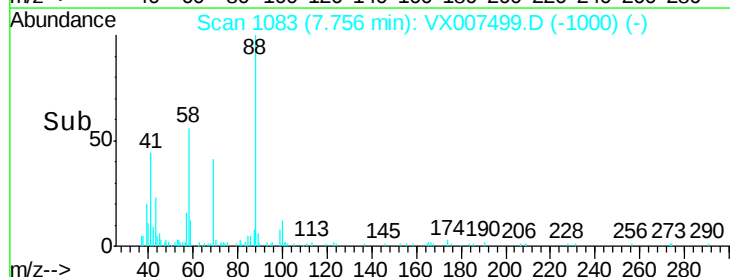
4000

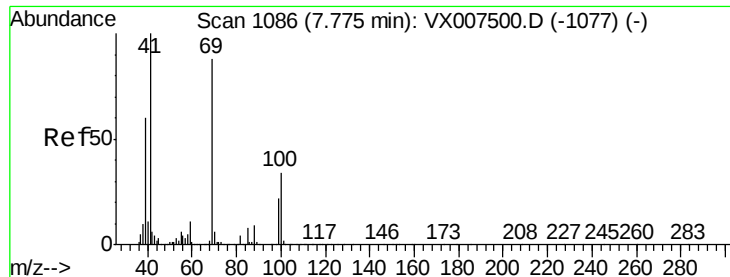
2000

0

7.70 7.75 7.80

Time-->

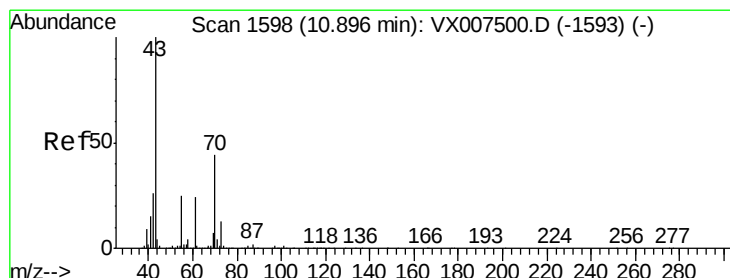
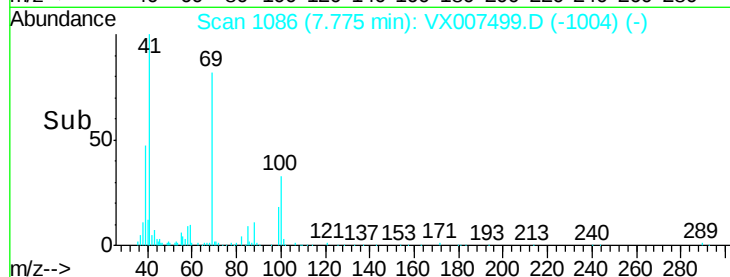
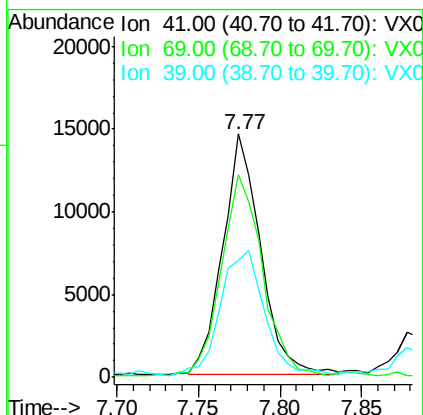
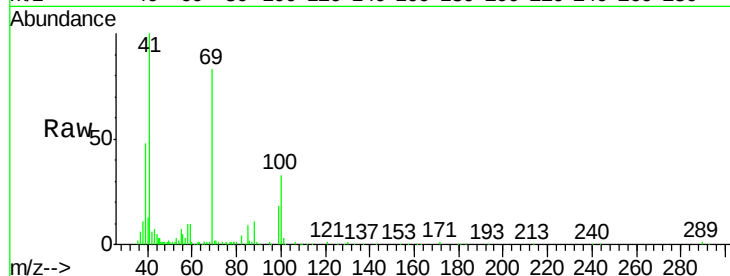




#46
Methyl methacrylate
Concen: 5.102 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

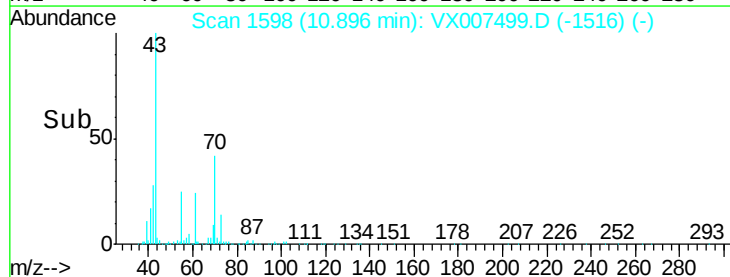
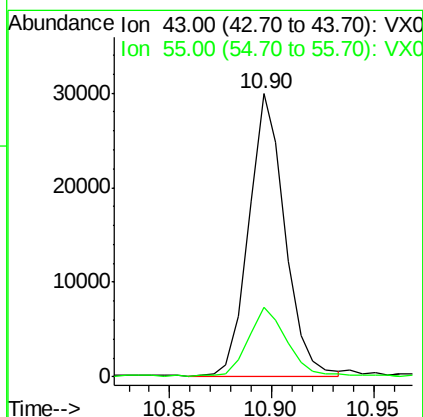
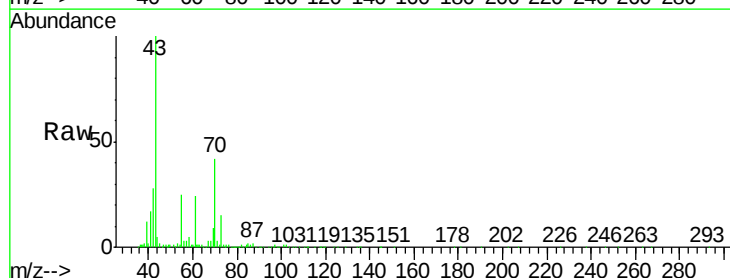
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

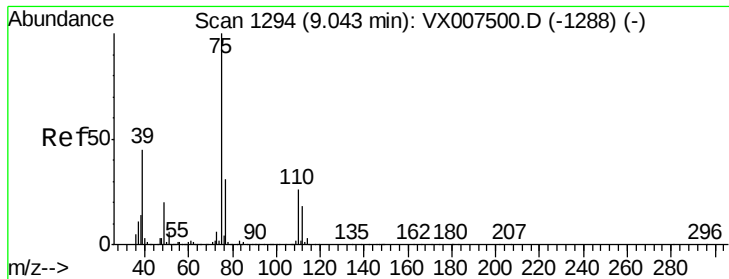
Tgt Ion: 41 Resp: 23630
Ion Ratio Lower Upper
41 100
69 83.0 44.2 132.6
39 47.5 29.9 89.8



#47
n-ethyl acetate
Concen: 4.568 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion: 43 Resp: 36462
Ion Ratio Lower Upper
43 100
55 25.8 20.8 31.2





#48

t-1,3-Dichloropropene

Concen: 4.331 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

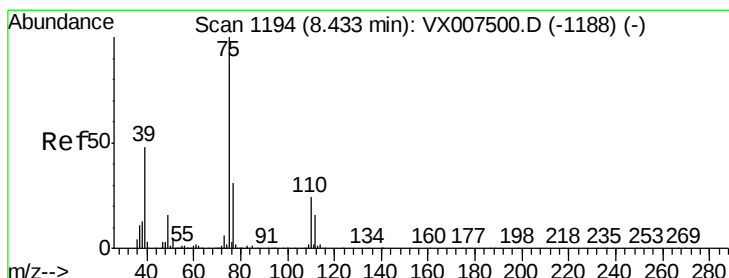
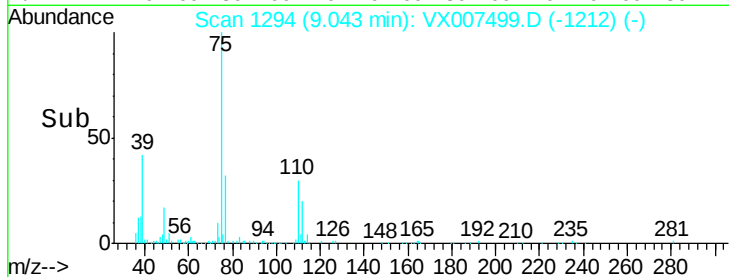
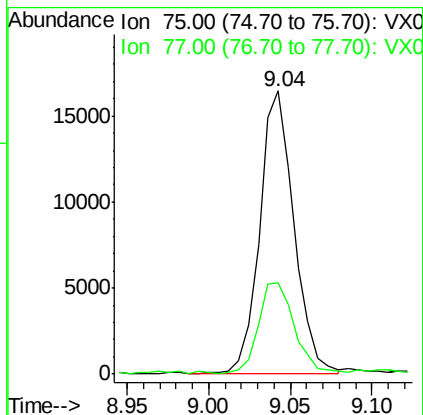
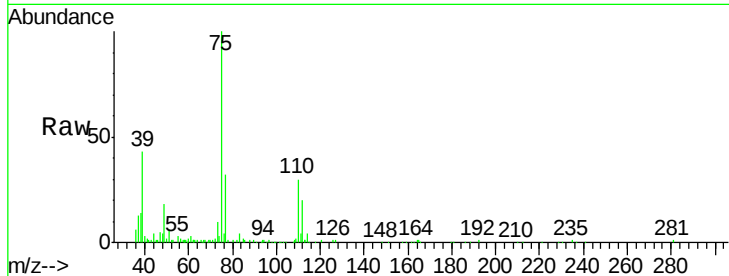
VSTDIC005

Tgt Ion: 75 Resp: 24013

Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7



#49

cis-1,3-Dichloropropene

Concen: 4.581 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

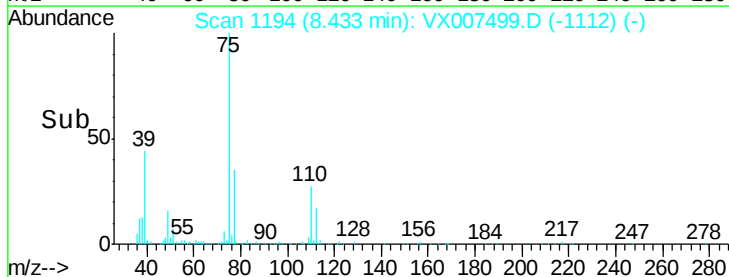
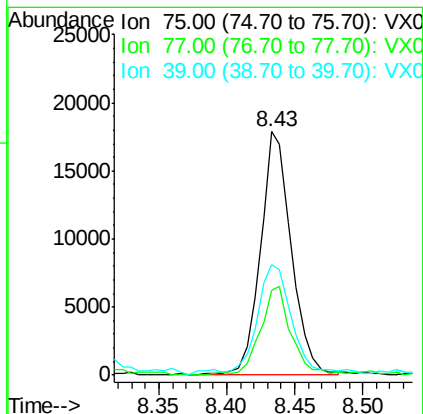
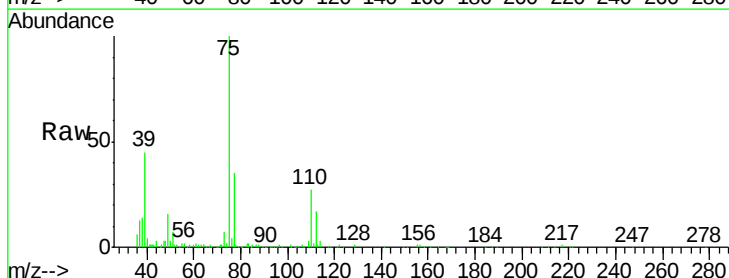
Tgt Ion: 75 Resp: 28256

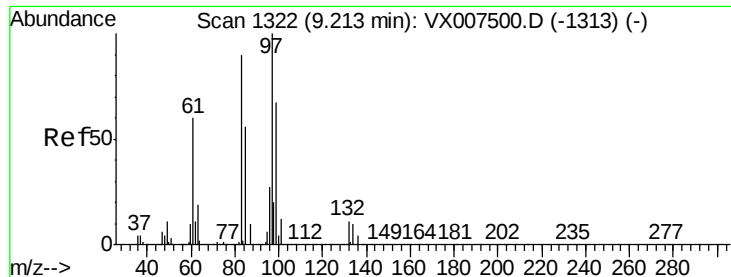
Ion Ratio Lower Upper

75 100

77 35.1 25.0 37.4

39 45.5 38.5 57.7

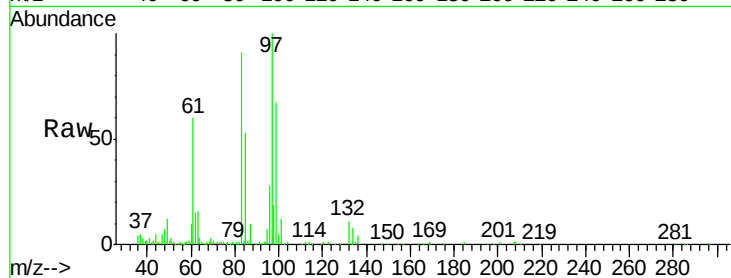




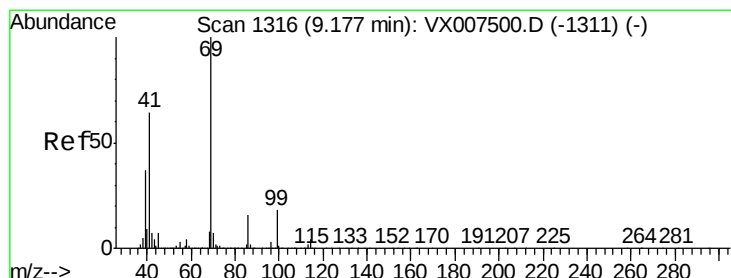
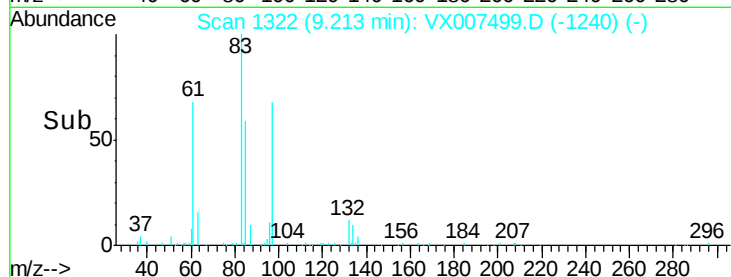
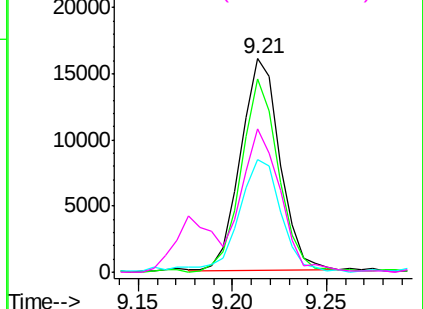
#50
 1,1,2-Trichloroethane
 Concen: 5.289 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	23129
Ion	Ratio	Lower	Upper
97	100		
83	91.9	72.0	108.0
85	52.6	45.0	67.6
99	66.3	54.2	81.4

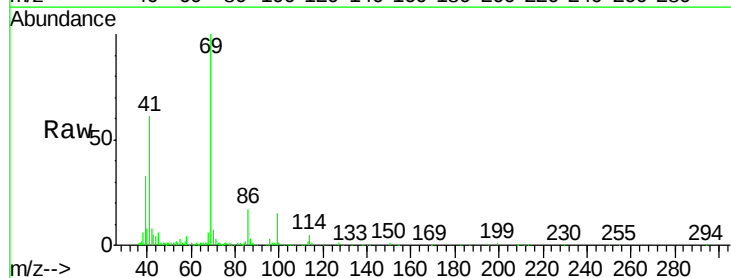


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

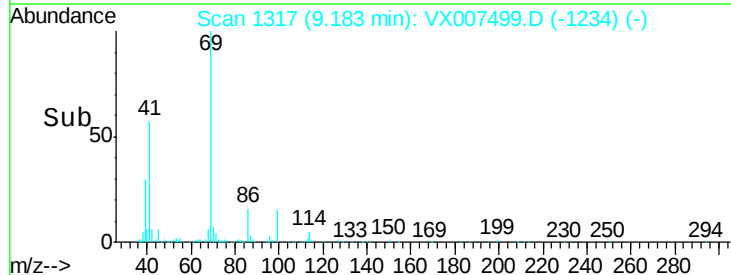
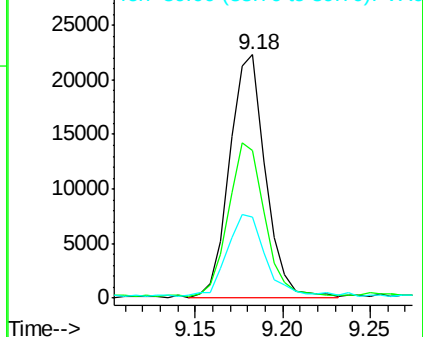


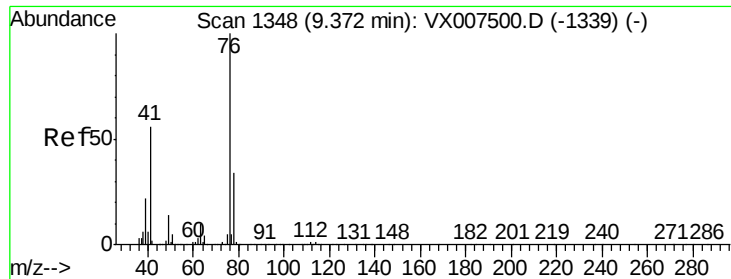
#51
 Ethyl methacrylate
 Concen: 5.065 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion:	69	Resp:	31750
Ion	Ratio	Lower	Upper
69	100		
41	60.4	32.1	96.5
39	32.0	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: 5.409 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

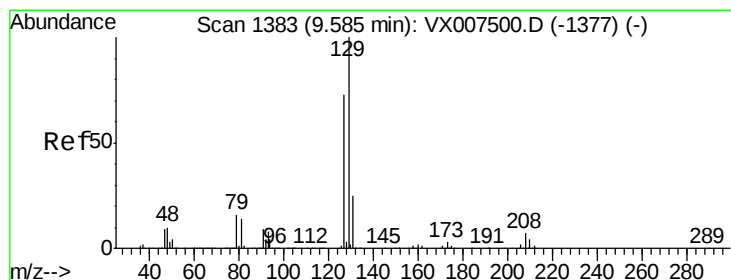
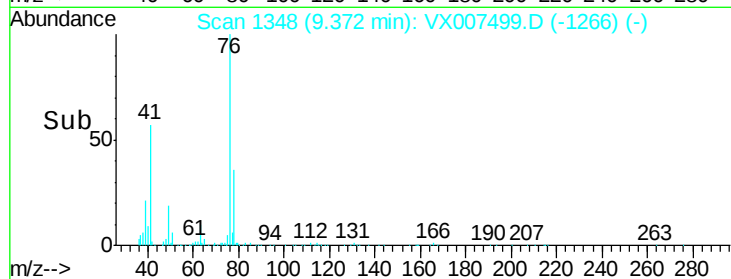
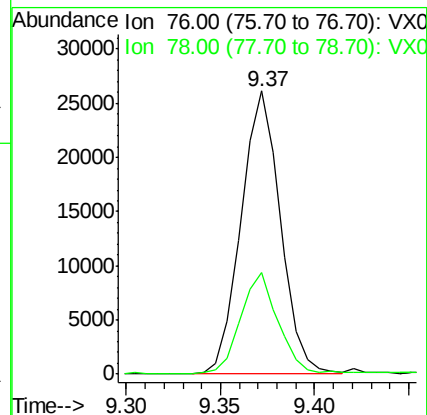
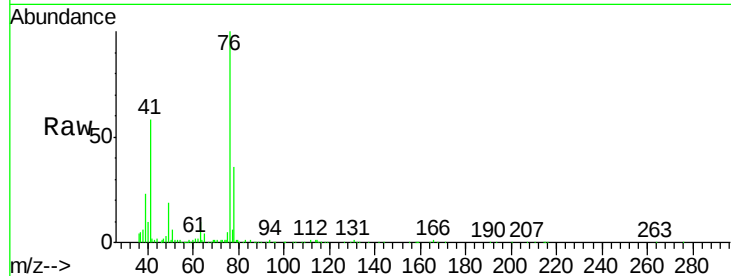
VSTDIC005

Tgt Ion: 76 Resp: 37947

Ion Ratio Lower Upper

76 100

78 34.5 0.0 65.2



#53

Dibromochloromethane

Concen: 4.699 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007499.D

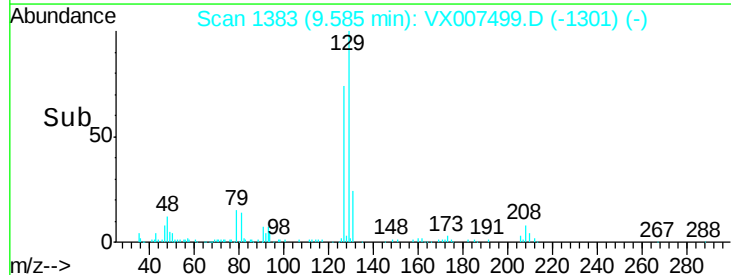
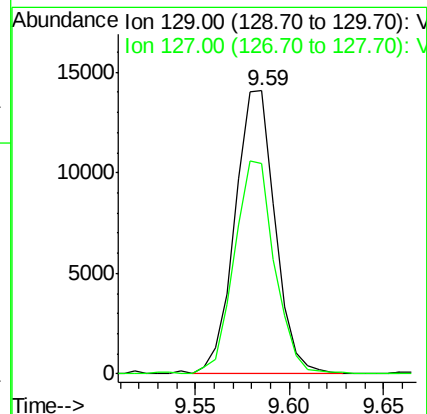
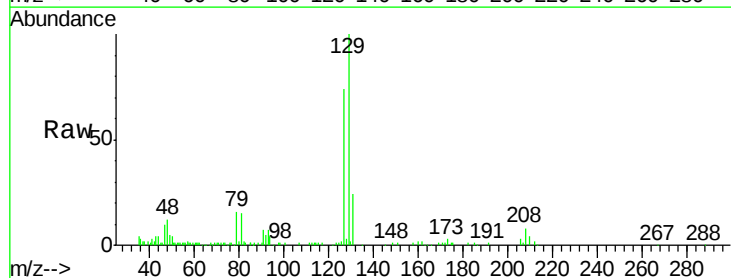
Acq: 12 Feb 2019 22:36

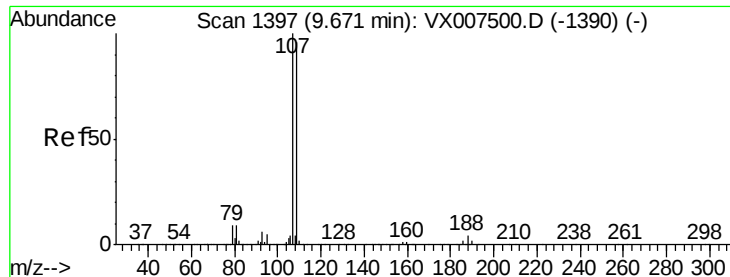
Tgt Ion: 129 Resp: 20815

Ion Ratio Lower Upper

129 100

127 75.8 38.4 115.2

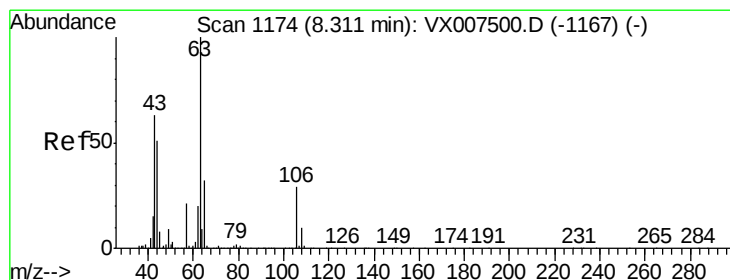
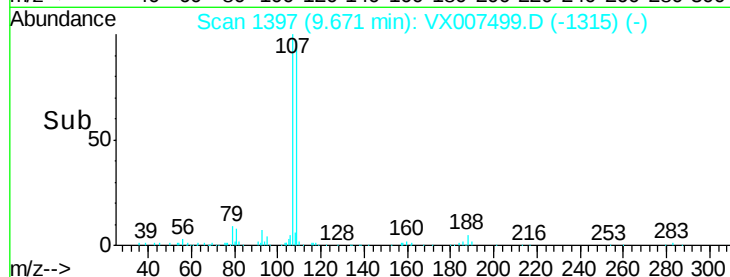
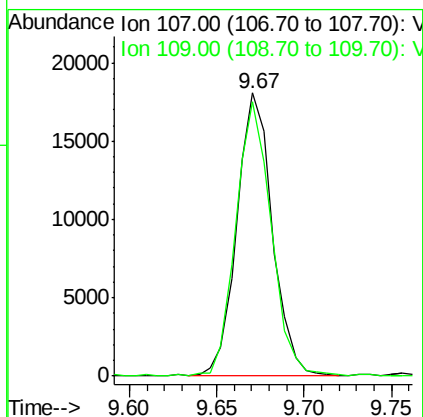
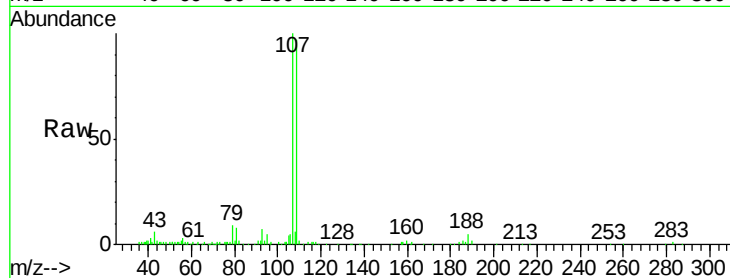




#54
 1,2-Dibromoethane
 Concen: 5.430 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

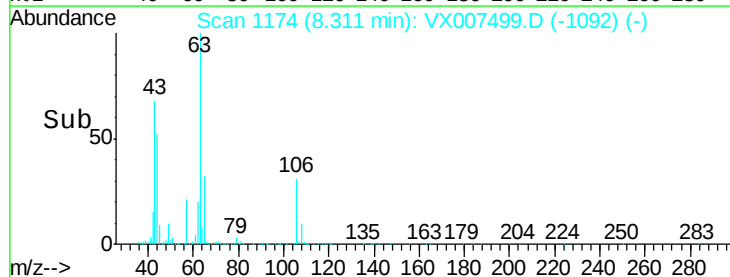
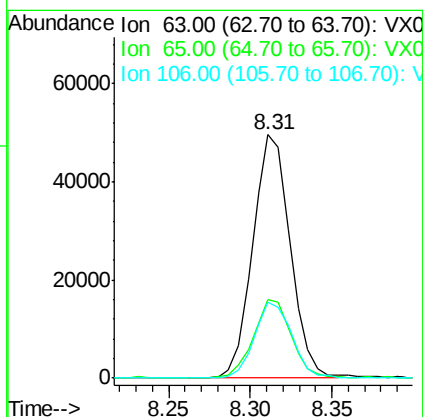
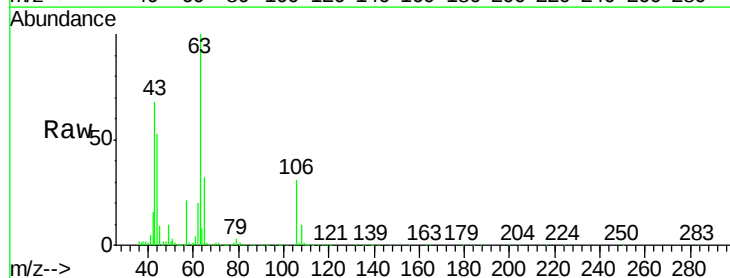
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

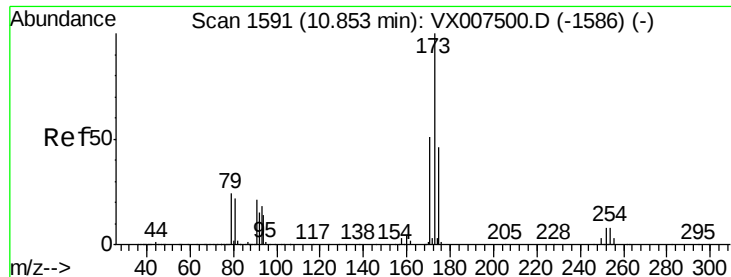
Tgt Ion: 107 Resp: 25512
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.6 115.0



#55
 2-Chloroethyl vinyl ether
 Concen: 23.596 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion: 63 Resp: 79495
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.7 38.5
 106 31.1 23.7 35.5





#56

Bromoform

Concen: 4.190 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

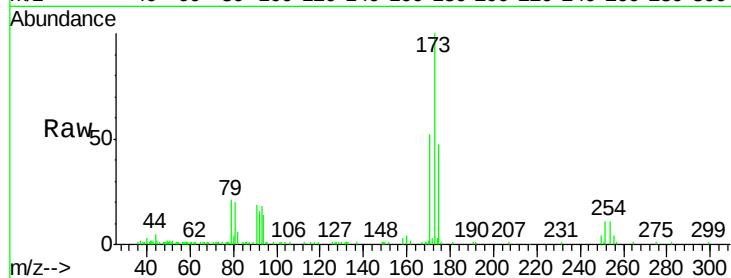
Tgt Ion:173 Resp: 14113

Ion Ratio Lower Upper

173 100

175 50.4 38.5 57.7

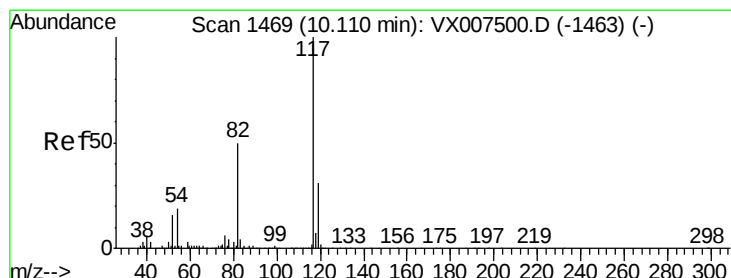
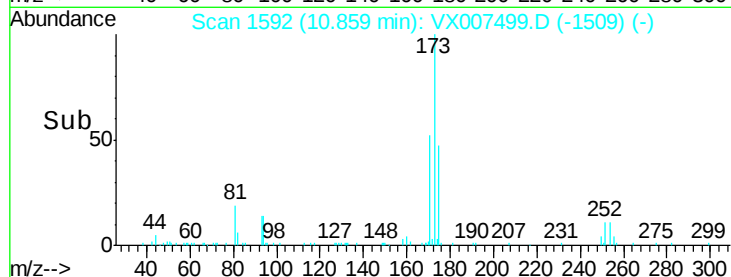
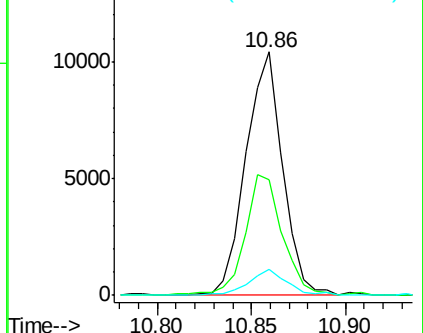
254 10.7 7.4 11.2



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

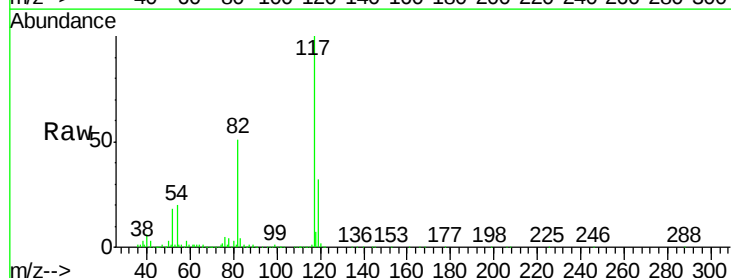
Tgt Ion:117 Resp: 355250

Ion Ratio Lower Upper

117 100

82 51.3 40.4 60.6

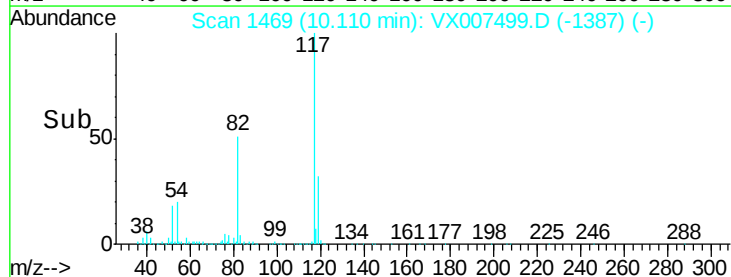
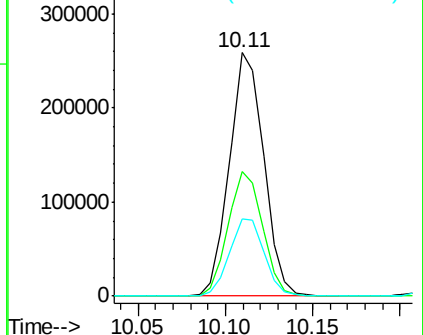
119 32.3 25.8 38.6

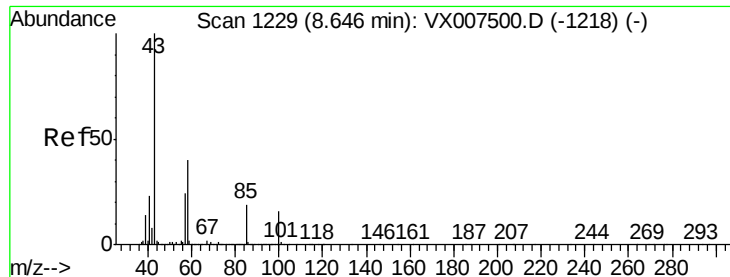


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

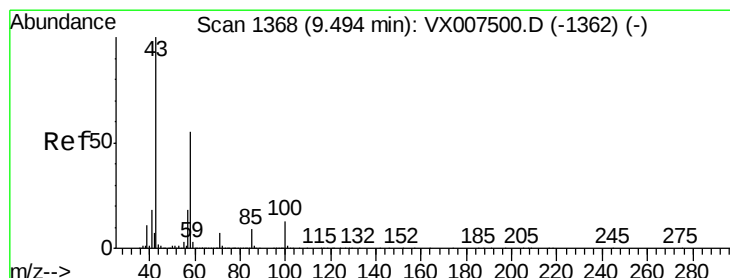
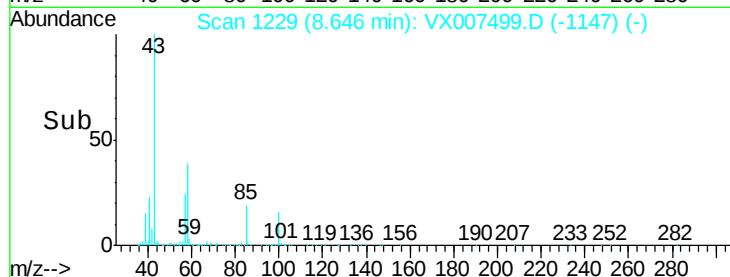
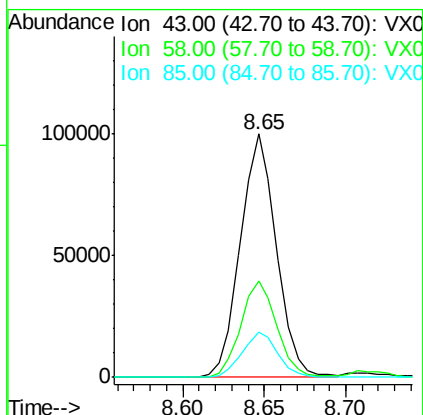
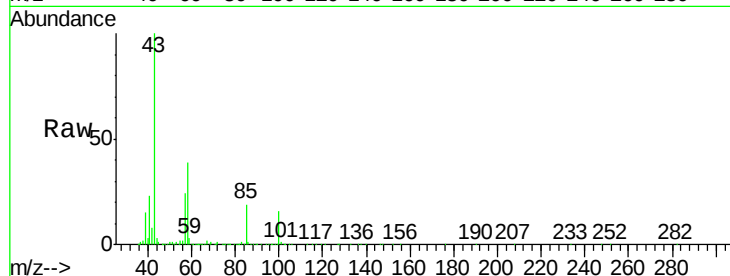




#58
 4-Methyl-2-Pentanone
 Concen: 25.383 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

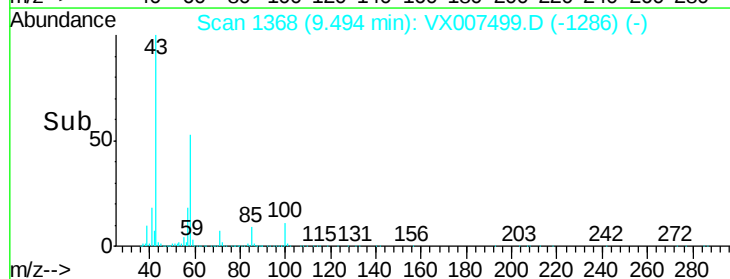
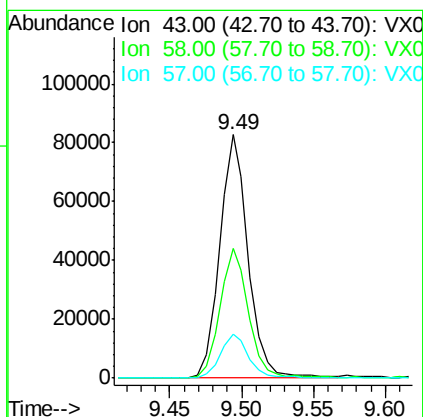
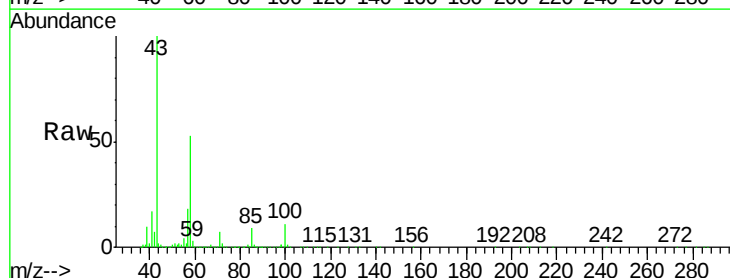
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

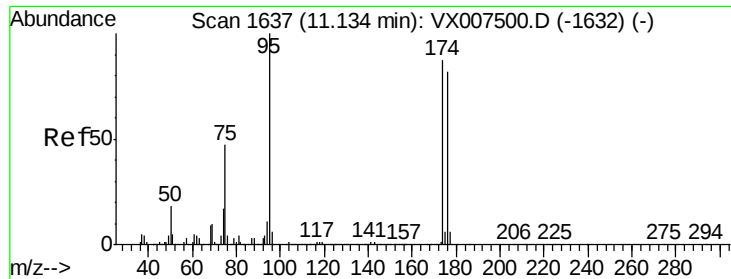
Tgt Ion: 43 Resp: 153451
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.4 47.0
 85 18.6 15.0 22.6



#59
 2-Hexanone
 Concen: 24.433 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion: 43 Resp: 113227
 Ion Ratio Lower Upper
 43 100
 58 53.6 43.9 65.9
 57 18.0 14.9 22.3

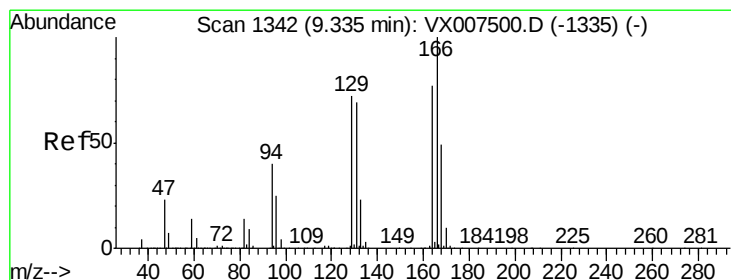
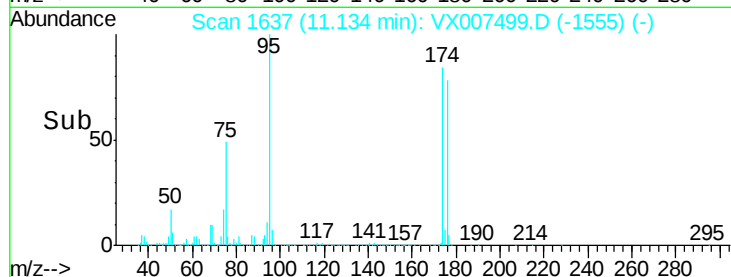
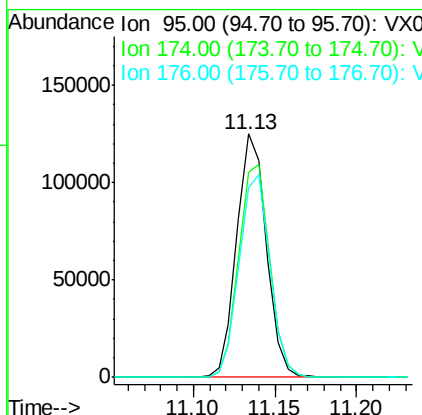
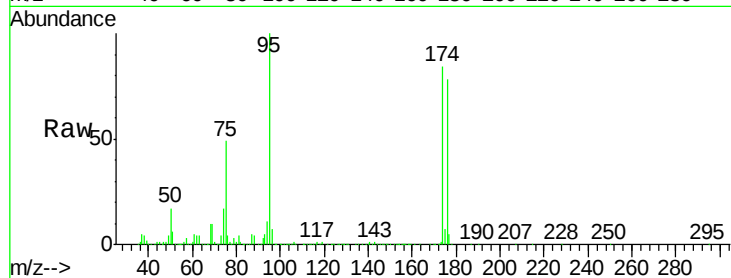




#60
4-Bromofluorobenzene
Concen: 29.100 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

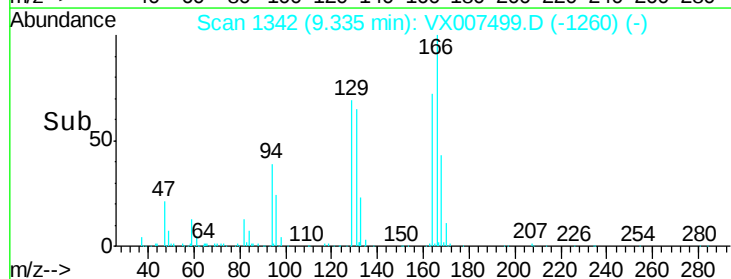
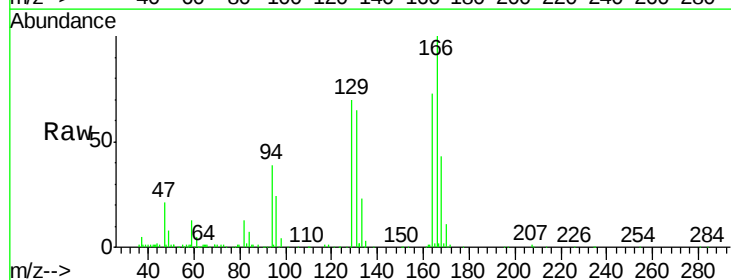
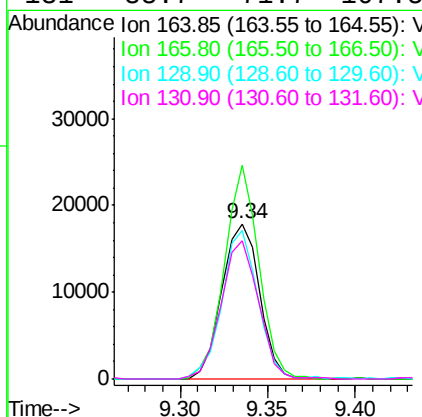
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

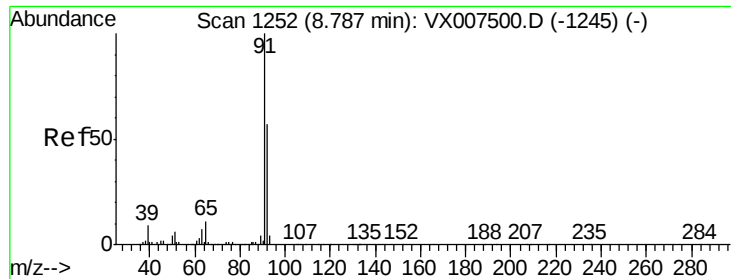
Tgt Ion: 95 Resp: 158959
Ion Ratio Lower Upper
95 100
174 91.6 74.9 112.3
176 86.3 70.7 106.1



#61
Tetrachloroethene
Concen: 5.435 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion: 164 Resp: 26795
Ion Ratio Lower Upper
164 100
166 136.6 103.9 155.9
129 94.3 74.7 112.1
131 88.7 71.7 107.5





#62

Toluene

Concen: 5.497 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

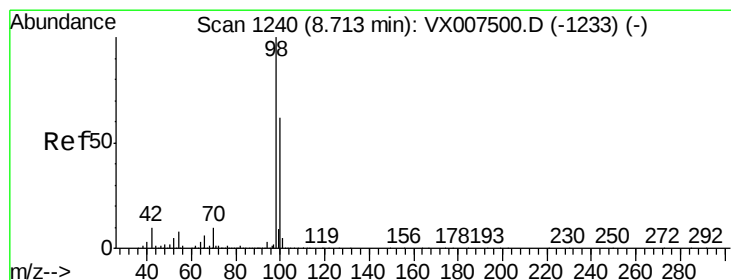
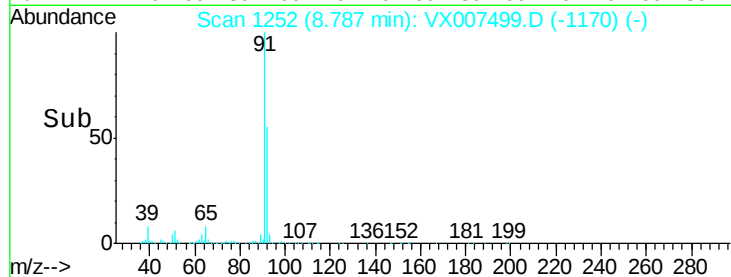
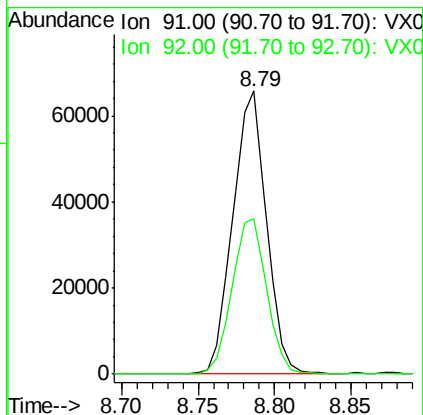
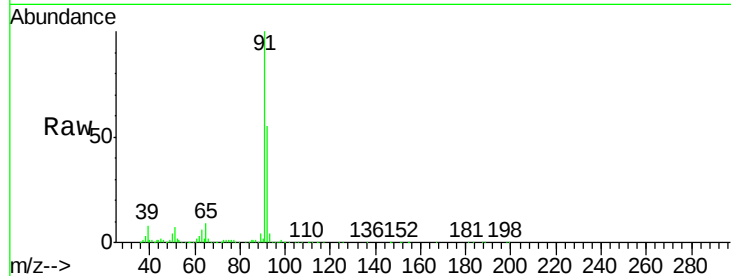
VSTDIC005

Tgt Ion: 91 Resp: 100156

Ion Ratio Lower Upper

91 100

92 56.6 46.4 69.6



#63

Toluene-d8

Concen: 30.276 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007499.D

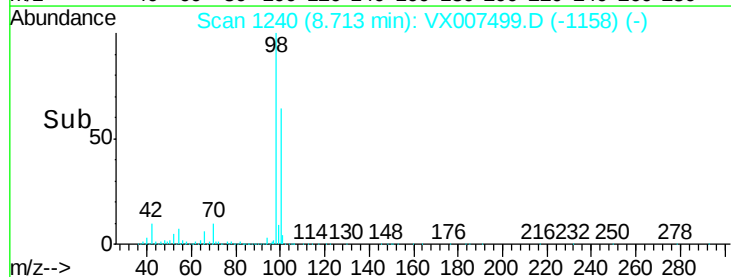
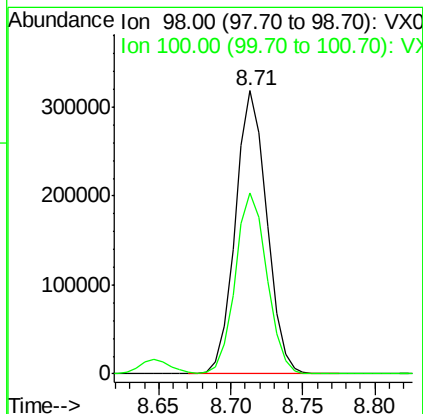
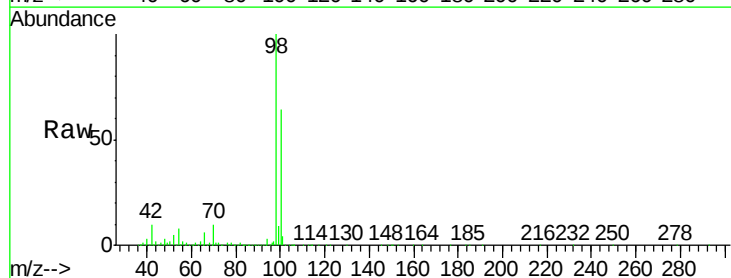
Acq: 12 Feb 2019 22:36

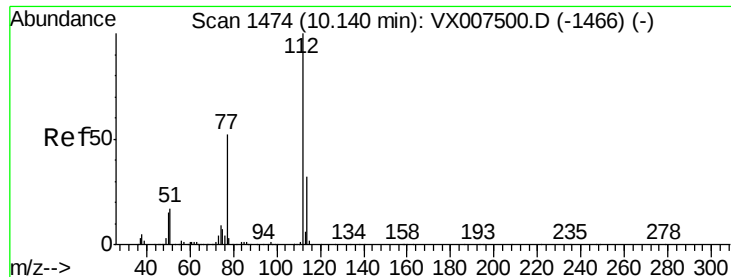
Tgt Ion: 98 Resp: 484873

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#64

Chlorobenzene

Concen: 5.456 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

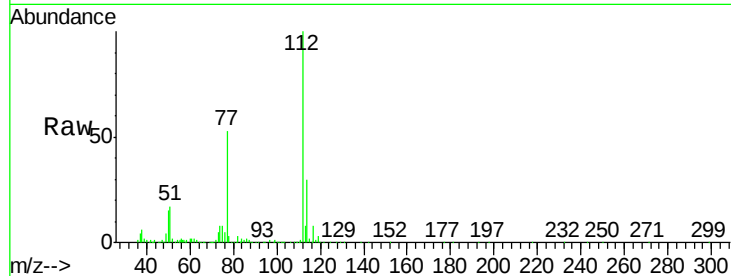
VSTDIC005

Tgt Ion:112 Resp: 65495

Ion Ratio Lower Upper

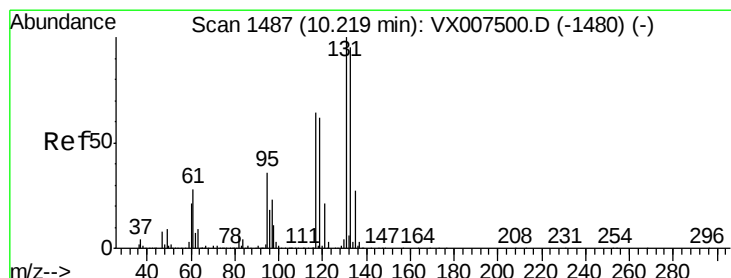
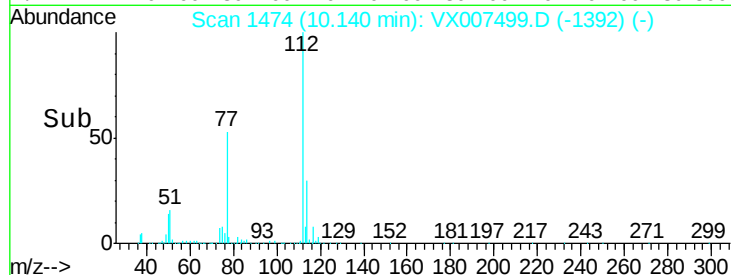
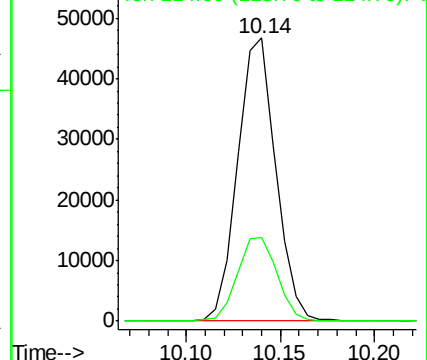
112 100

114 29.7 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 5.094 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

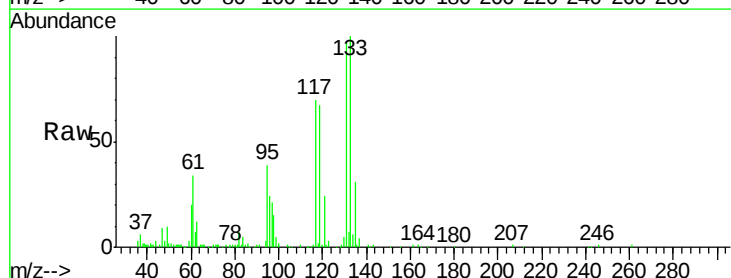
Tgt Ion:131 Resp: 21786

Ion Ratio Lower Upper

131 100

133 98.3 0.0 191.6

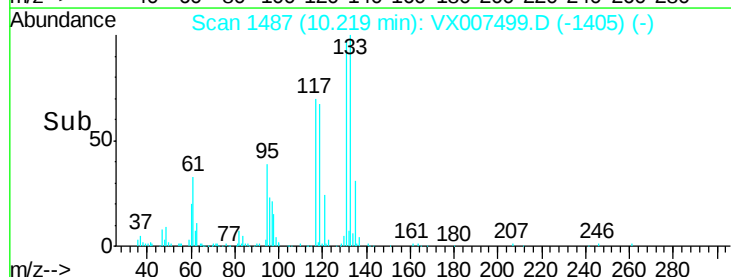
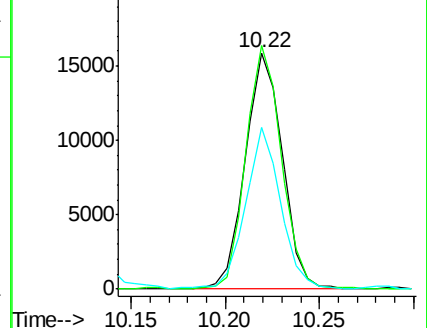
119 64.3 0.0 127.4

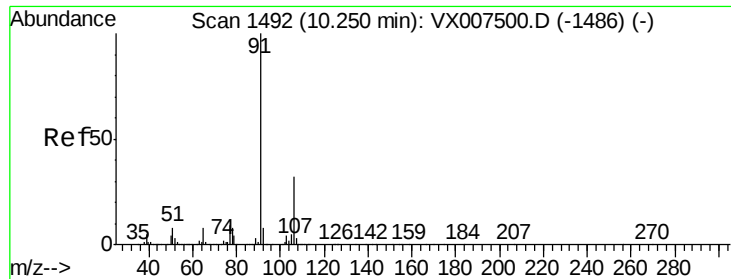


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 5.131 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

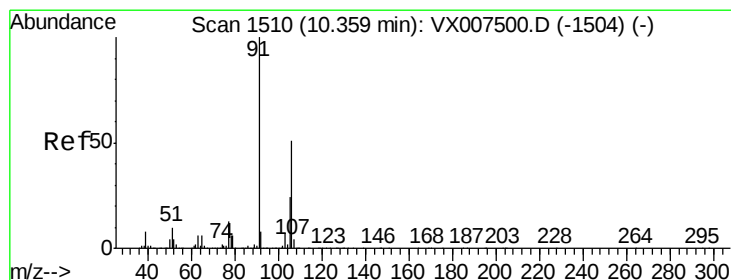
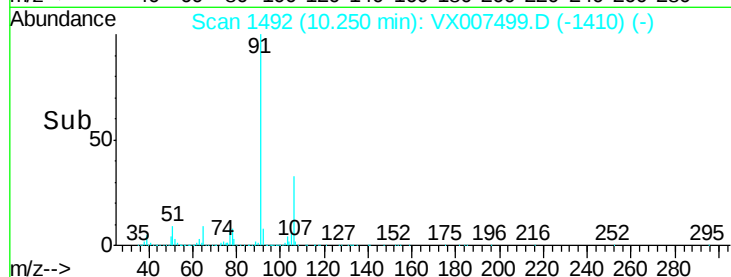
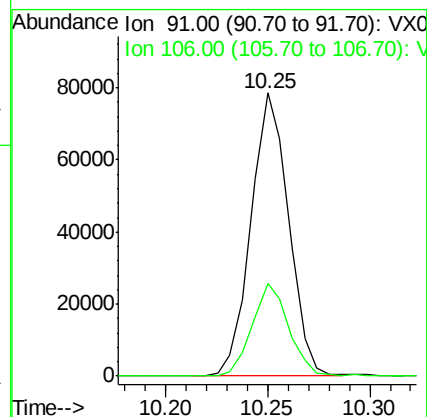
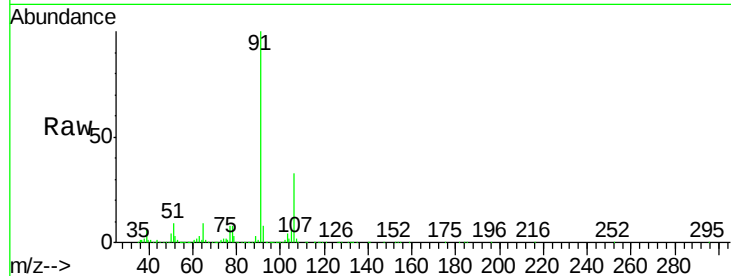
VSTDIC005

Tgt Ion: 91 Resp: 100659

Ion Ratio Lower Upper

91 100

106 32.6 26.0 39.0



#67

m/p-Xylenes

Concen: 10.077 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007499.D

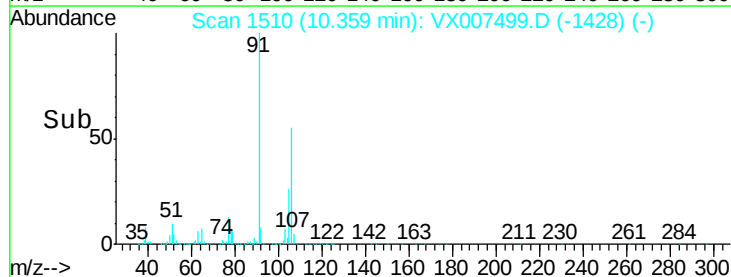
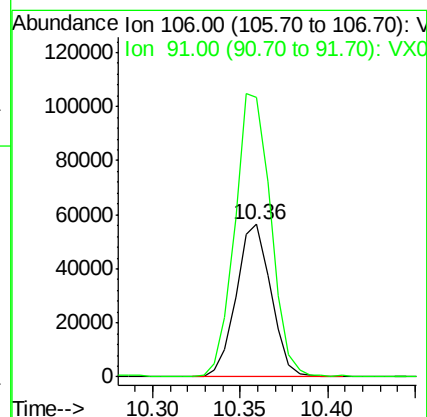
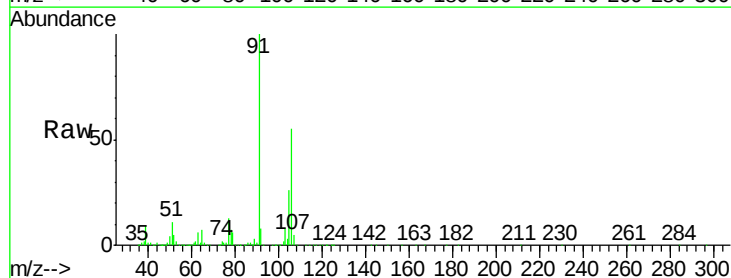
Acq: 12 Feb 2019 22:36

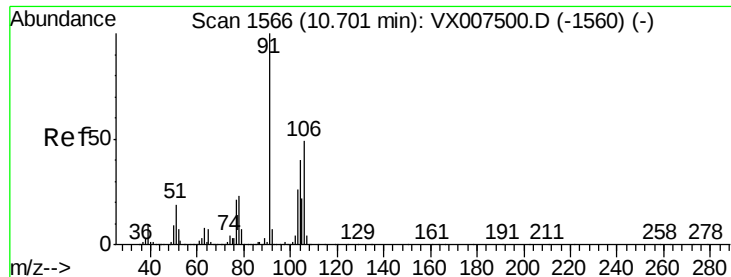
Tgt Ion: 106 Resp: 77841

Ion Ratio Lower Upper

106 100

91 192.0 157.0 235.4

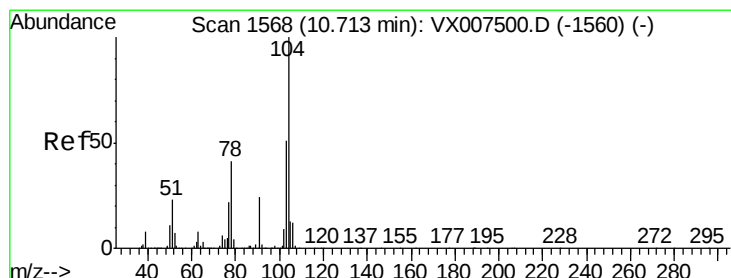
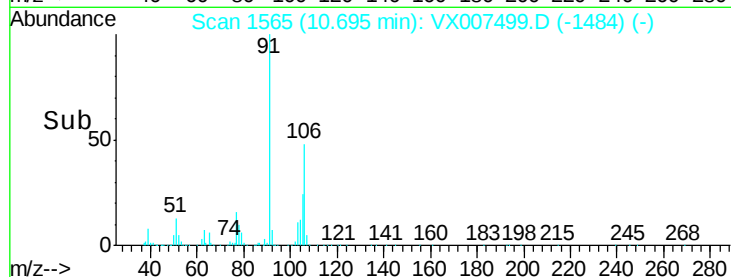
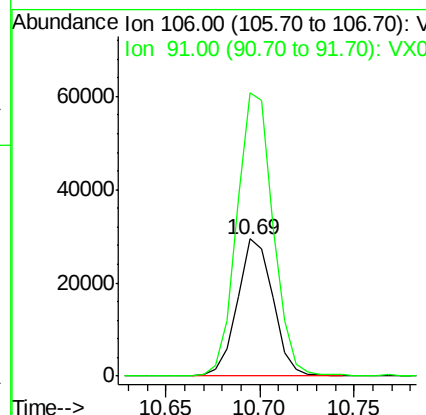
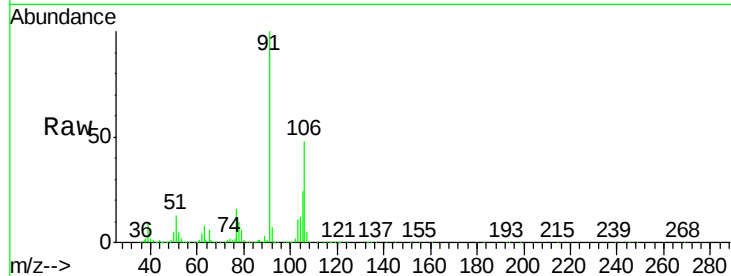




#68
o-Xylene
Concen: 5.123 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

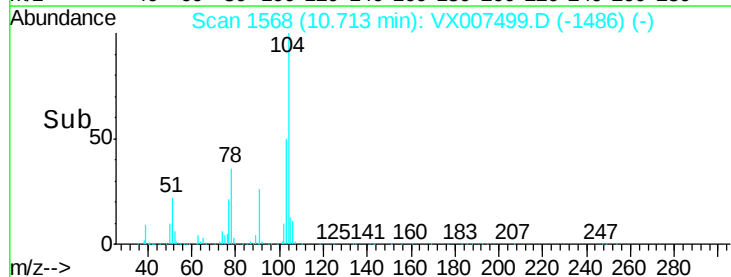
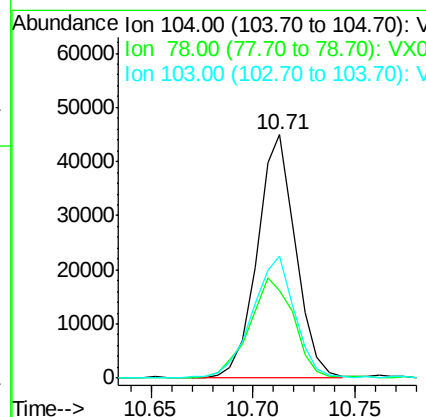
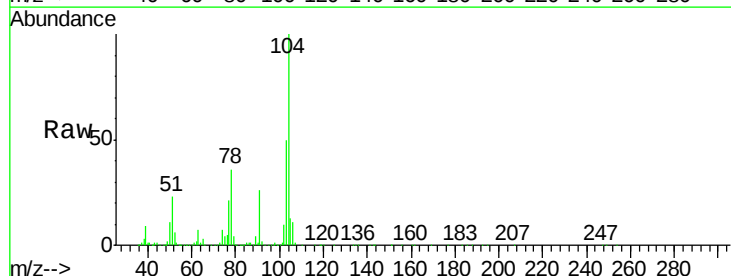
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

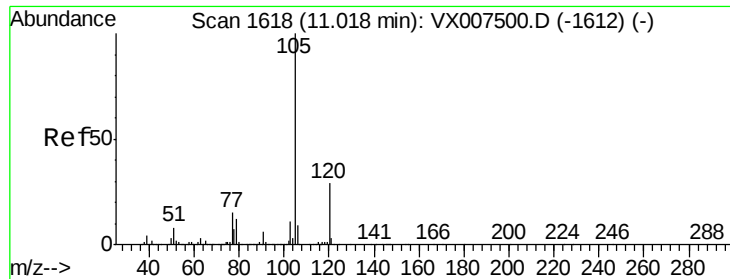
Tgt Ion:106 Resp: 38777
Ion Ratio Lower Upper
106 100
91 207.1 104.4 313.2



#69
Styrene
Concen: 4.818 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion:104 Resp: 58863
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 55.5 45.0 67.4





#70

Isopropylbenzene

Concen: 4.995 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

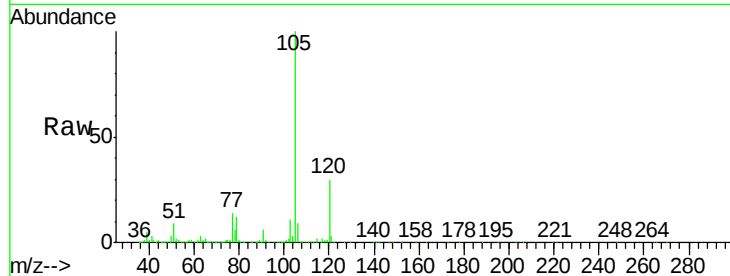
VSTDIC005

Tgt Ion:105 Resp: 99908

Ion Ratio Lower Upper

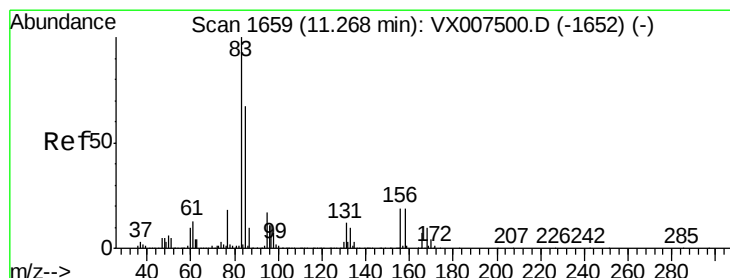
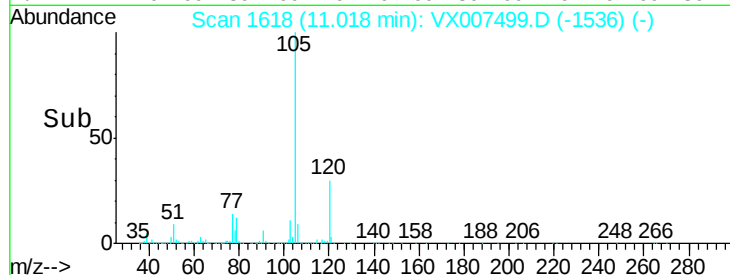
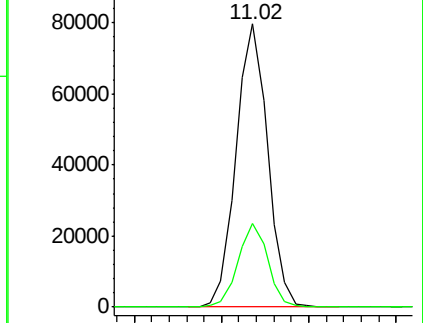
105 100

120 28.2 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 5.436 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

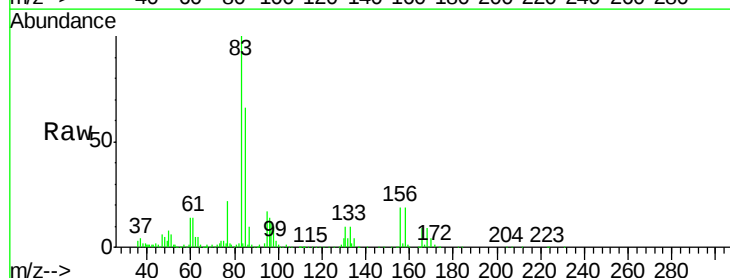
Tgt Ion: 83 Resp: 35201

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

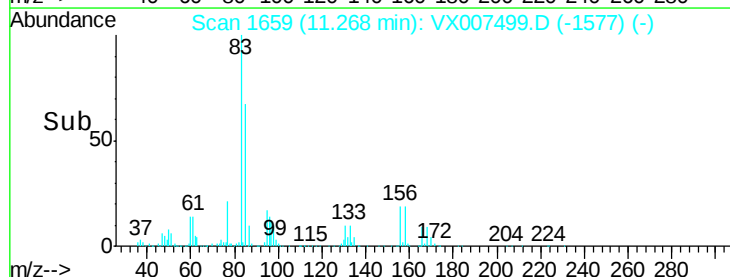
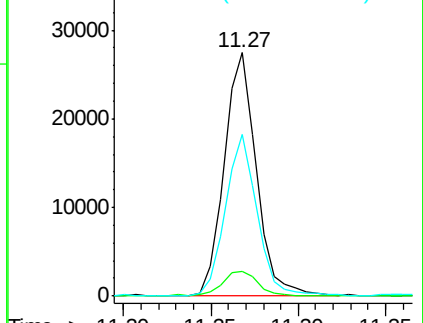
85 65.3 32.8 98.4

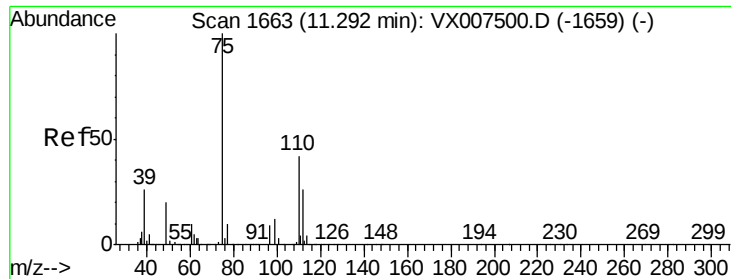


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 5.790 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

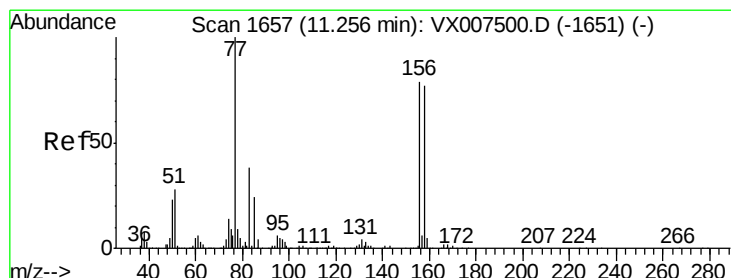
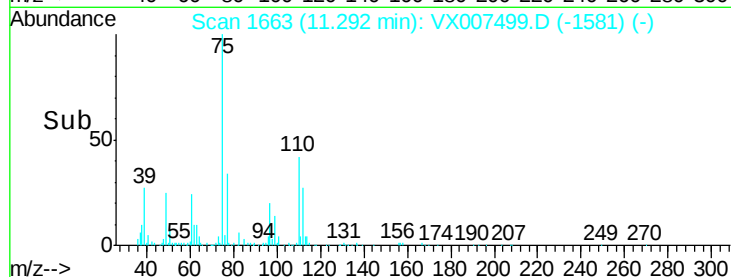
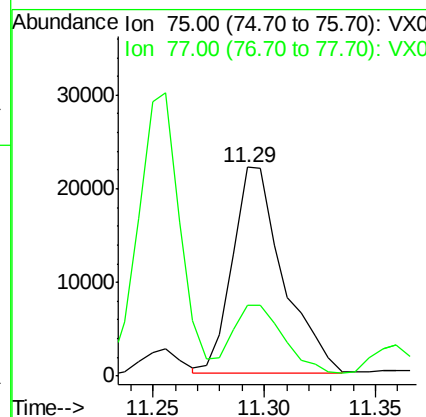
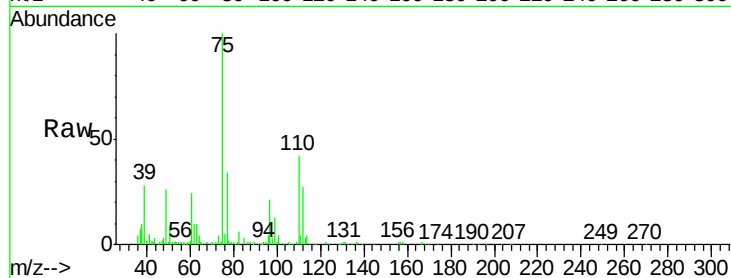
VSTDIC005

Tgt Ion: 75 Resp: 34961

Ion Ratio Lower Upper

75 100

77 36.3 0.0 76.4



#73

Bromobenzene

Concen: 5.067 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

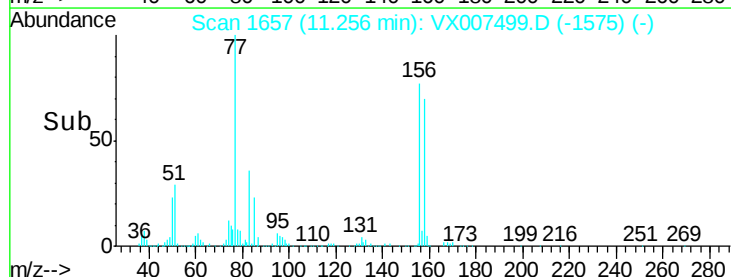
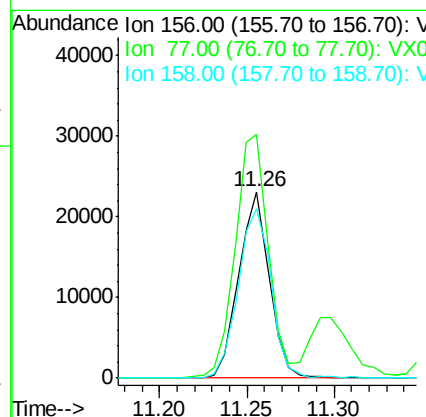
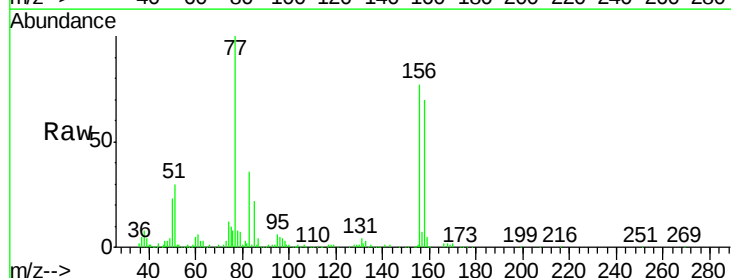
Tgt Ion: 156 Resp: 28044

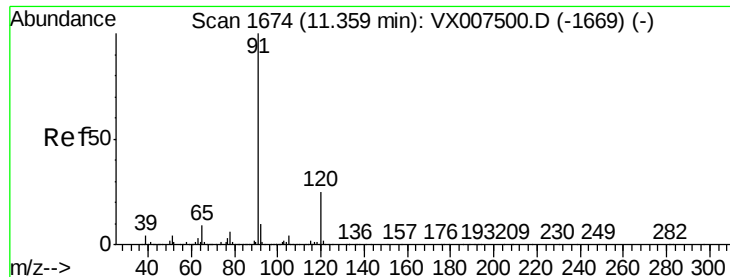
Ion Ratio Lower Upper

156 100

77 141.3 0.0 271.4

158 97.4 0.0 194.0





#74

n-propylbenzene

Concen: 4.810 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

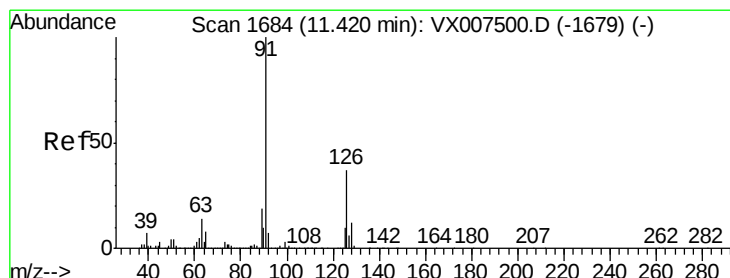
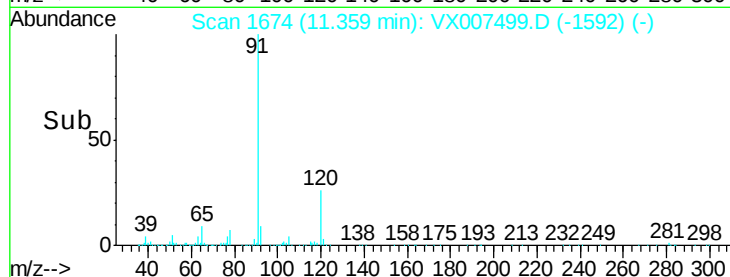
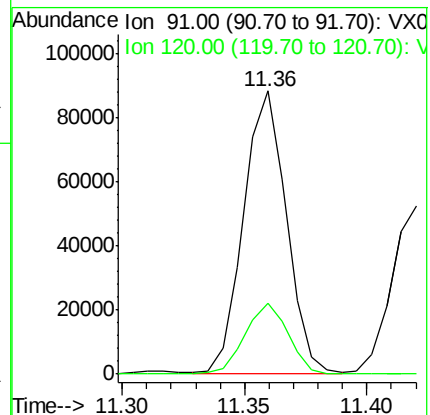
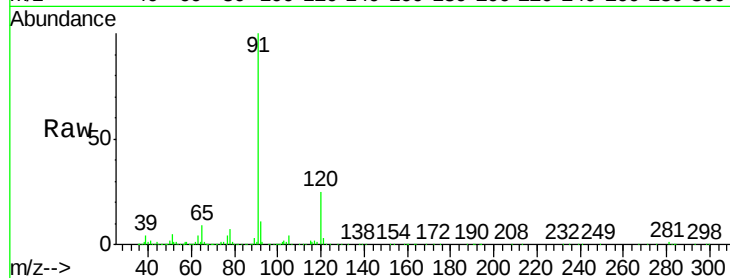
VSTDIC005

Tgt Ion: 91 Resp: 107934

Ion Ratio Lower Upper

91 100

120 25.3 0.0 48.6



#75

2-Chlorotoluene

Concen: 5.181 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007499.D

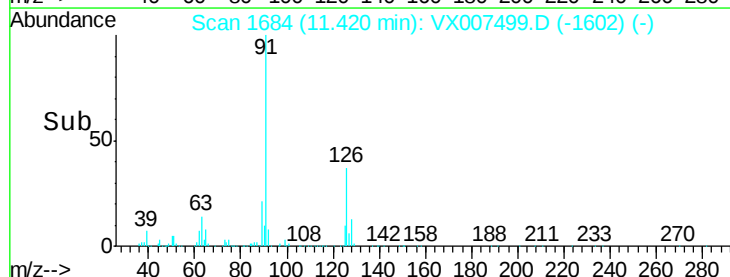
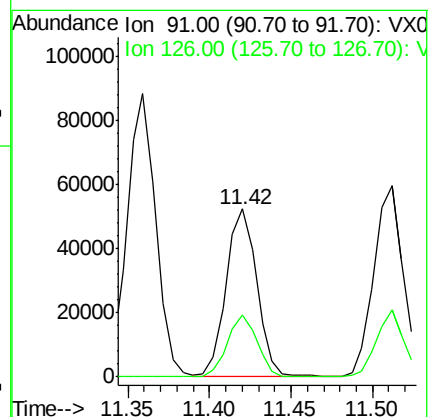
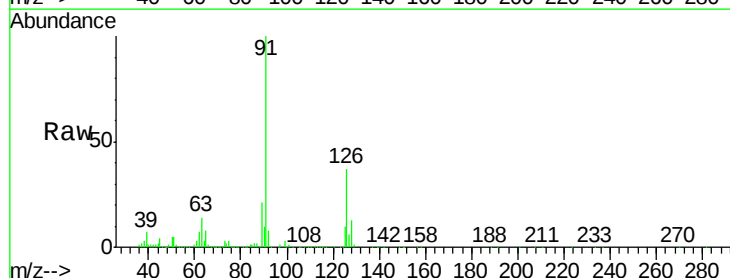
Acq: 12 Feb 2019 22:36

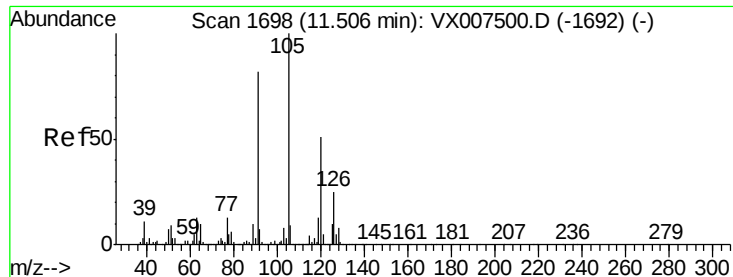
Tgt Ion: 91 Resp: 69044

Ion Ratio Lower Upper

91 100

126 35.9 0.0 75.2





#76

1,3,5-Trimethylbenzene

Concen: 4.824 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

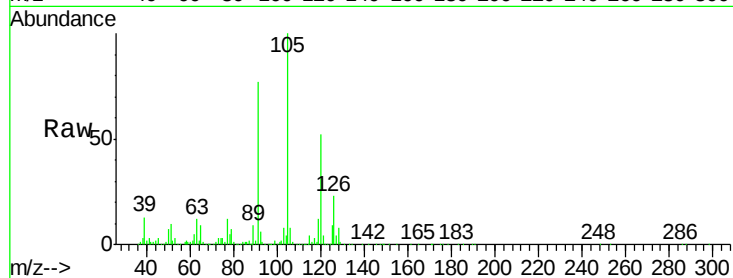
VSTDIC005

Tgt Ion: 105 Resp: 80186

Ion Ratio Lower Upper

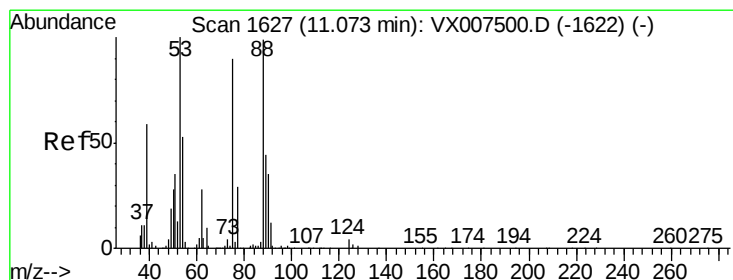
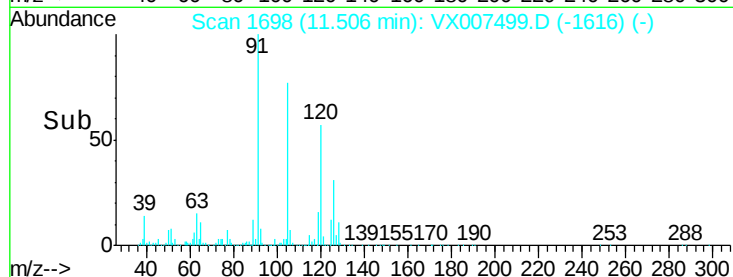
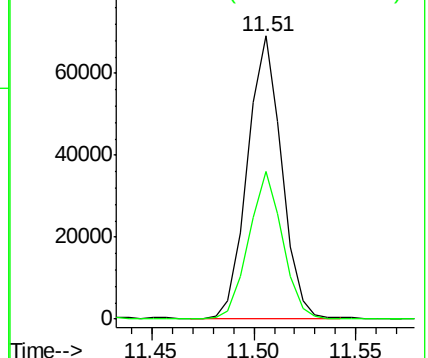
105 100

120 51.8 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 3.834 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

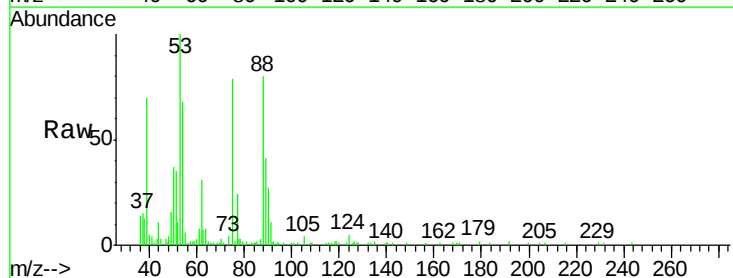
Tgt Ion: 75 Resp: 6777

Ion Ratio Lower Upper

75 100

53 124.6 55.5 166.7

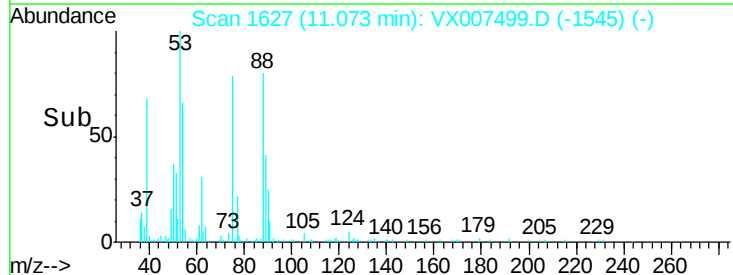
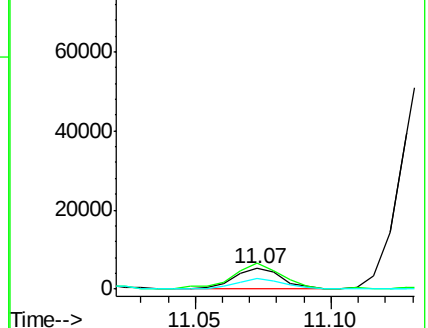
89 52.9 24.4 73.2

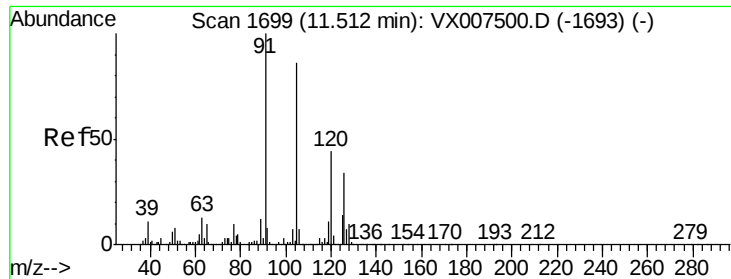


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0





#78

4-Chlorotoluene

Concen: 4.868 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

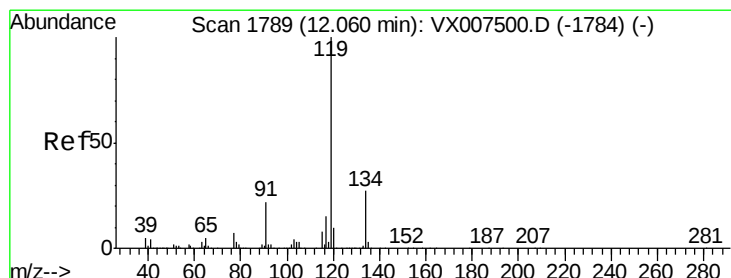
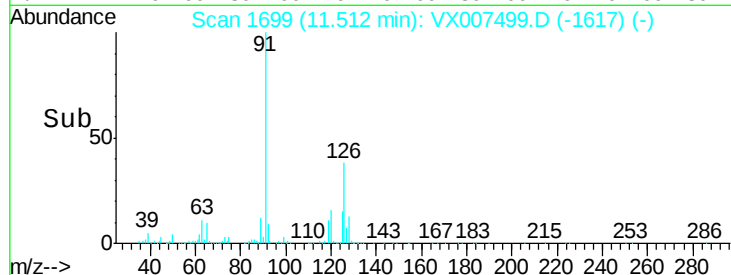
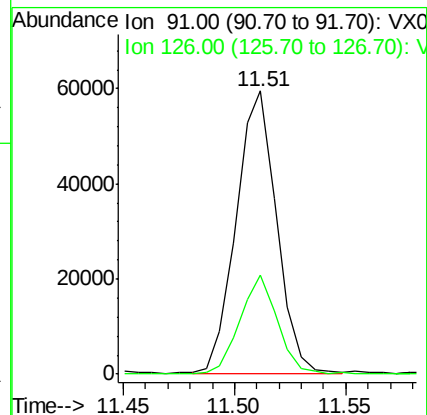
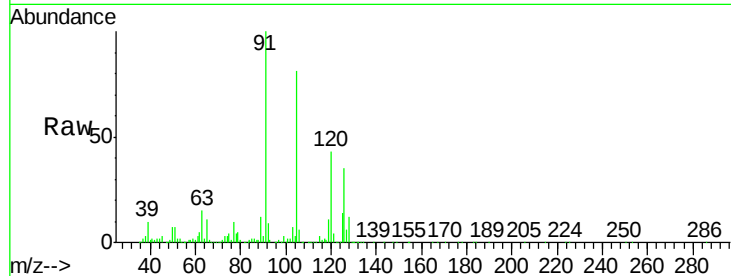
VSTDIC005

Tgt Ion: 91 Resp: 75100

Ion Ratio Lower Upper

91 100

126 32.8 0.0 66.2



#79

tert-butylbenzene

Concen: 4.576 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

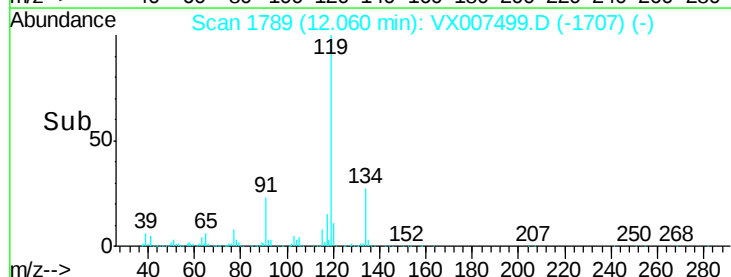
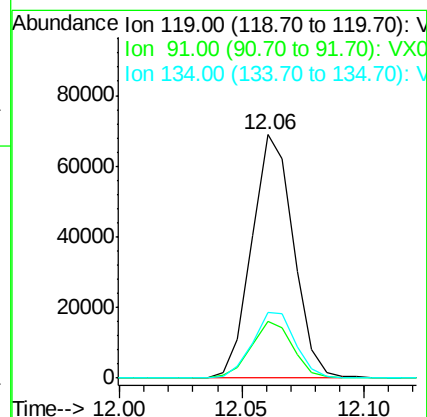
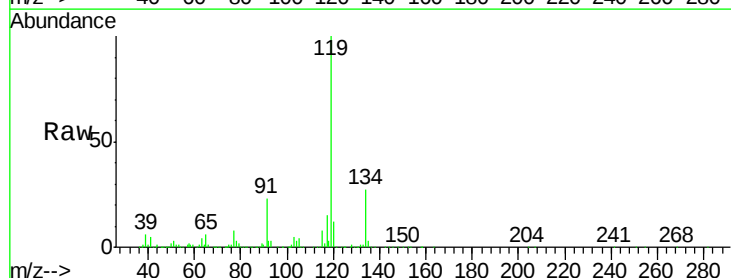
Tgt Ion: 119 Resp: 82150

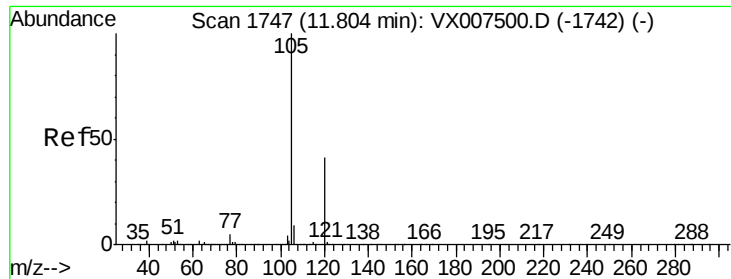
Ion Ratio Lower Upper

119 100

91 23.6 0.0 45.0

134 27.9 0.0 55.4

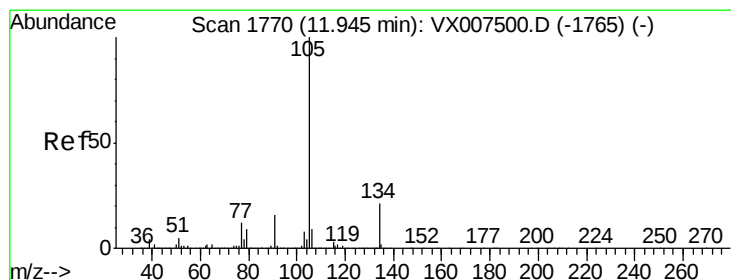
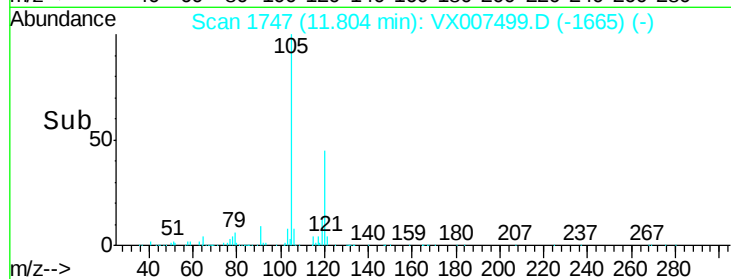
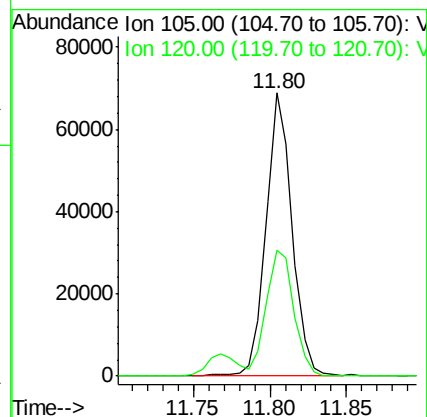
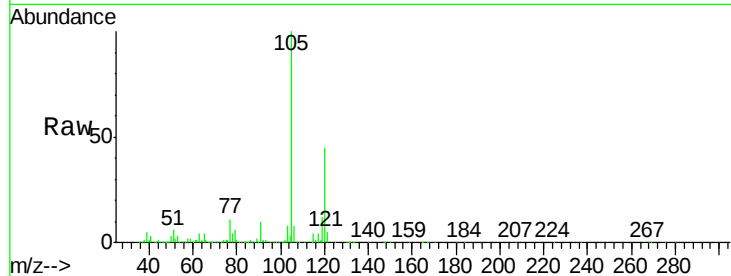




#80
 1,2,4-Trimethylbenzene
 Concen: 4.853 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

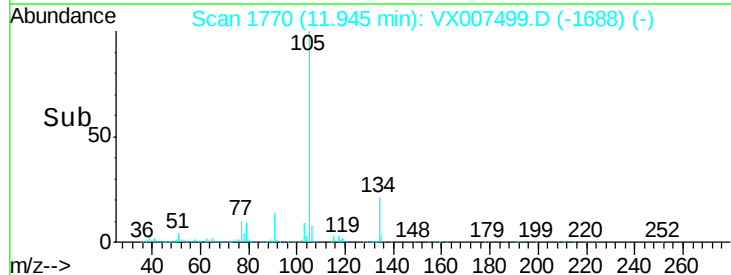
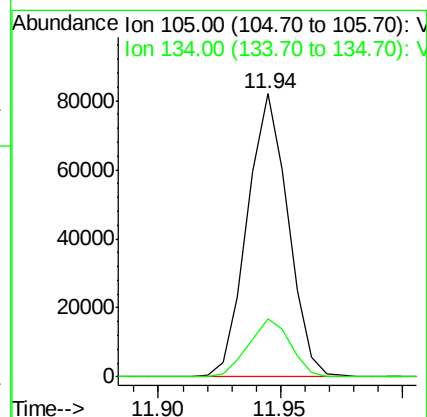
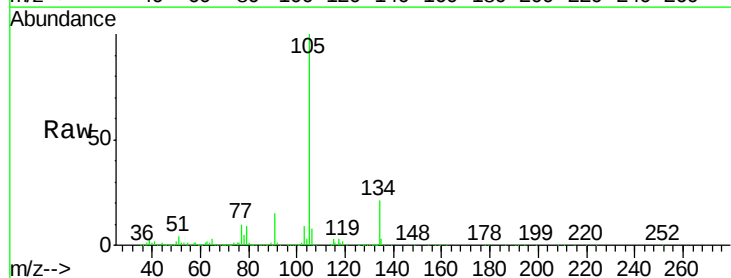
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

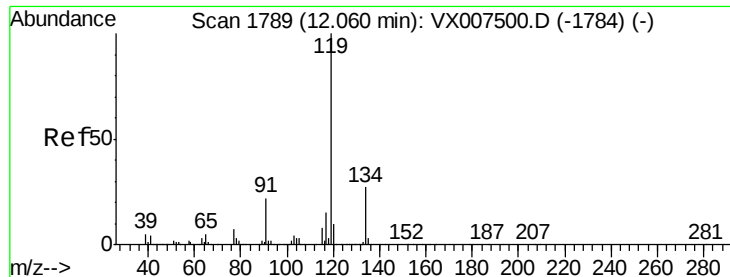
Tgt Ion:105 Resp: 81685
 Ion Ratio Lower Upper
 105 100
 120 47.5 0.0 94.0



#81
 sec-Butylbenzene
 Concen: 4.752 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion:105 Resp: 94985
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 41.8





#82

p-Isopropyltoluene

Concen: 4.576 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

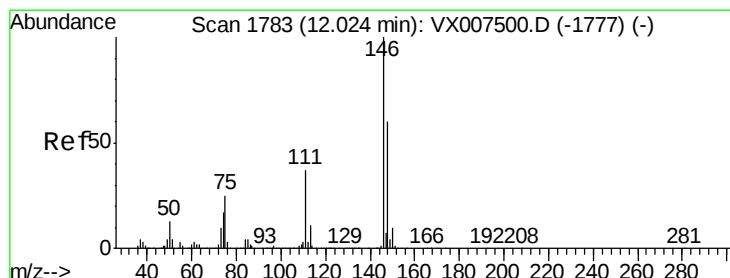
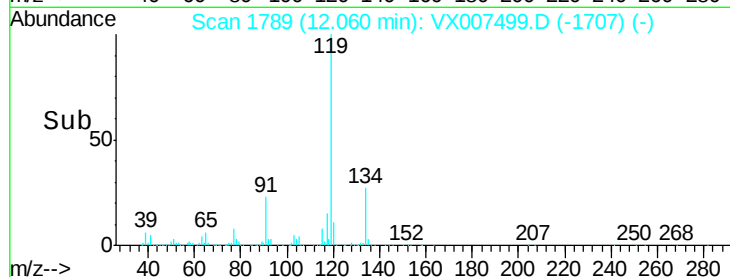
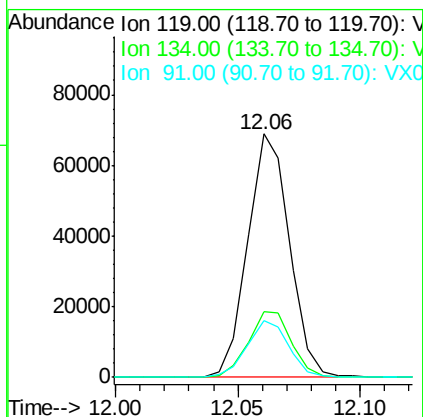
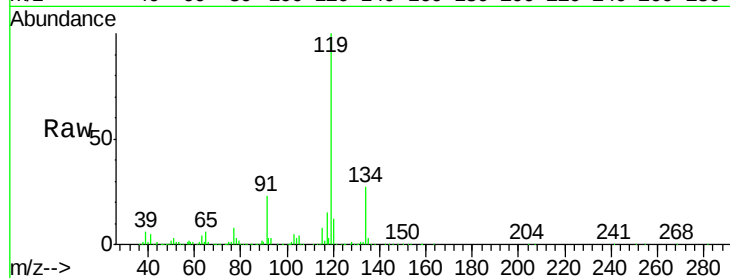
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	119	Resp:	82150
Ion	Ratio	Lower	Upper
119	100		
134	27.9	0.0	55.4
91	23.6	0.0	45.0



#83

1,3-Dichlorobenzene

Concen: 4.914 ug/l

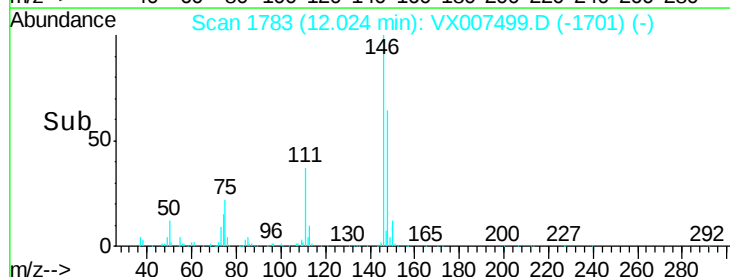
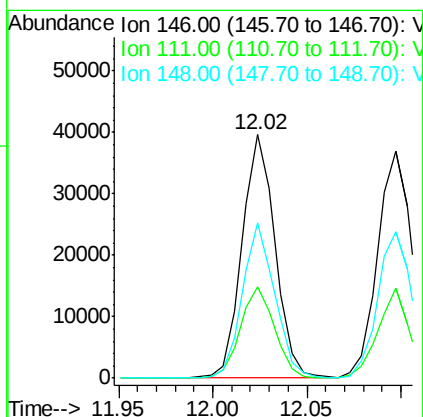
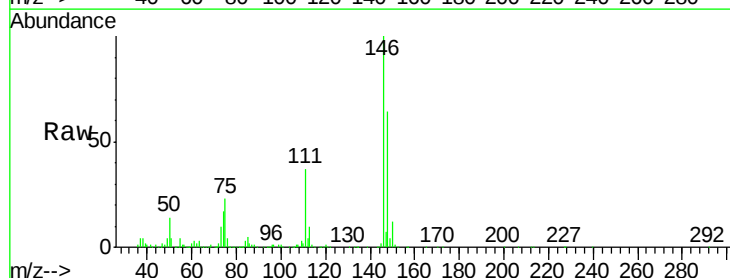
RT: 12.02 min Scan# 1783

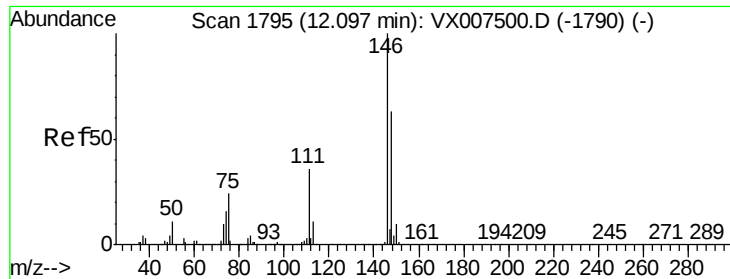
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	146	Resp:	48200
Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.3
148	62.2	30.6	91.8

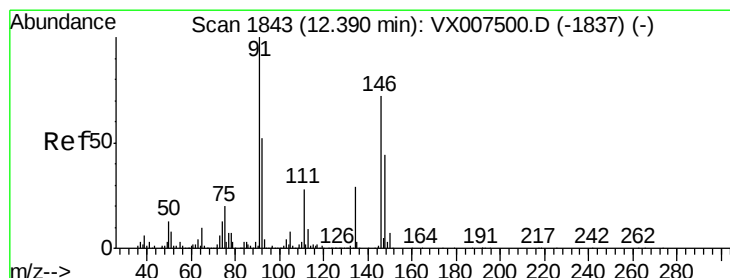
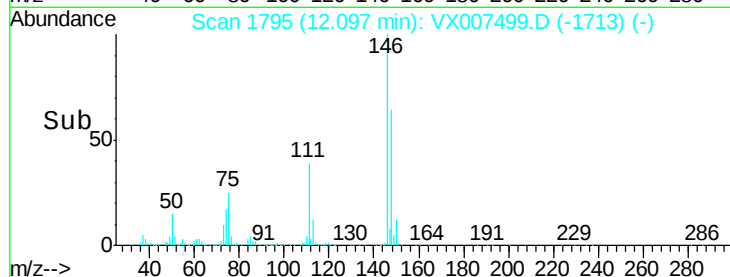
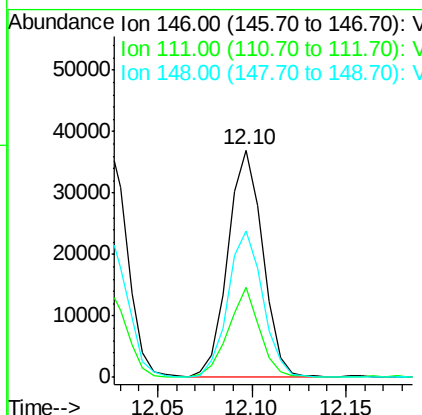
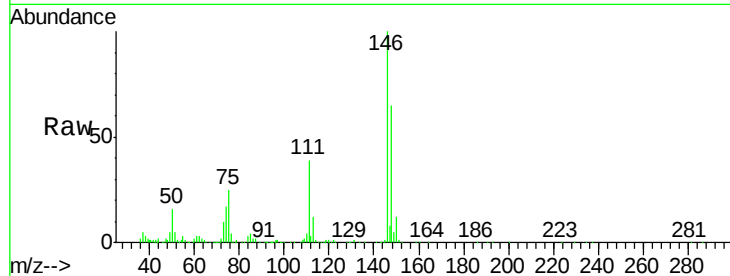




#84
 1,4-Dichlorobenzene
 Concen: 4.869 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

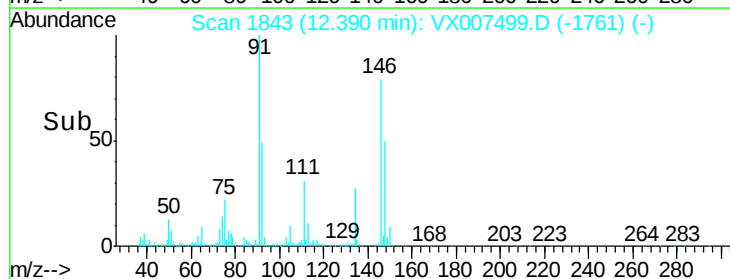
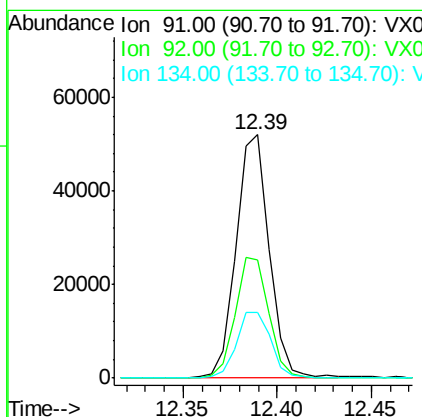
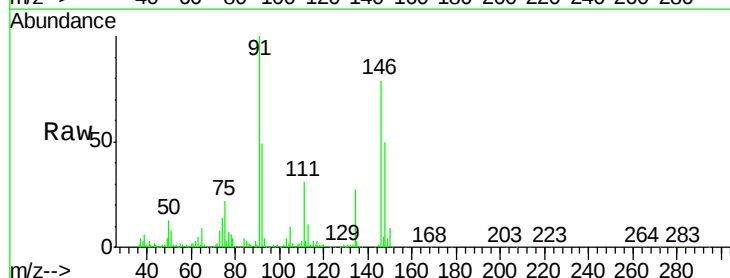
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

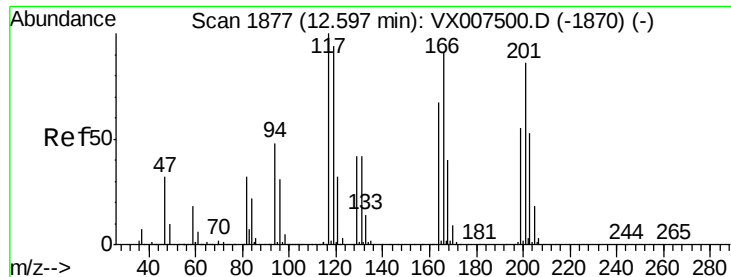
Tgt Ion: 146 Resp: 47714
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.6 52.8
 148 64.4 31.4 94.2



#85
 n-Butylbenzene
 Concen: 4.113 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion: 91 Resp: 63051
 Ion Ratio Lower Upper
 91 100
 92 50.5 0.0 105.2
 134 28.4 0.0 56.4

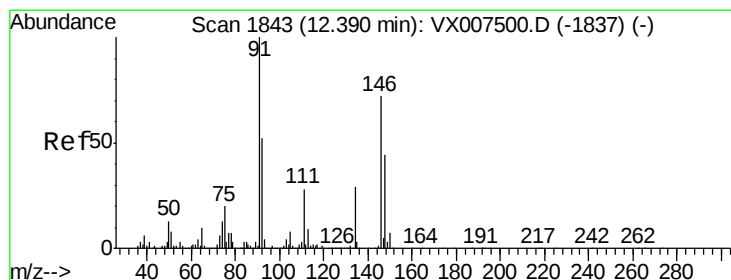
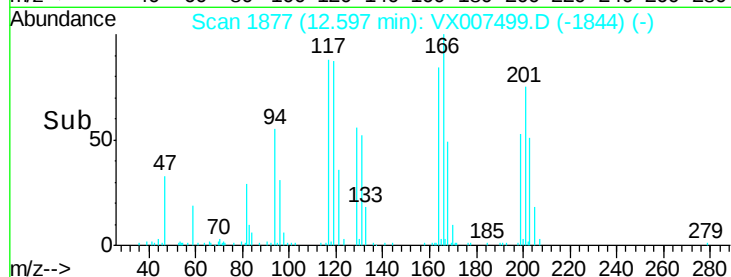
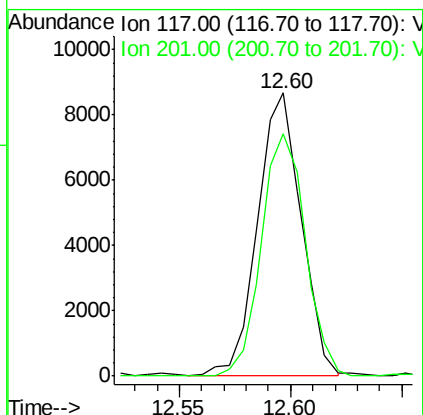
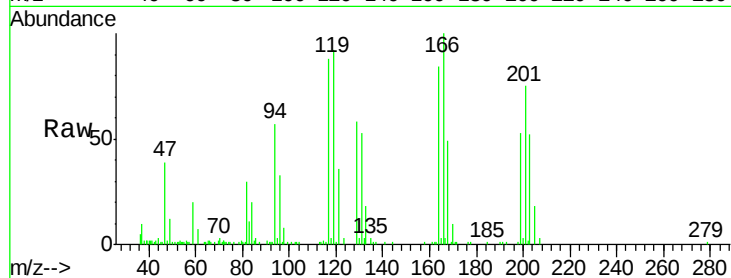




#86
Hexachloroethane
Concen: 4.179 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

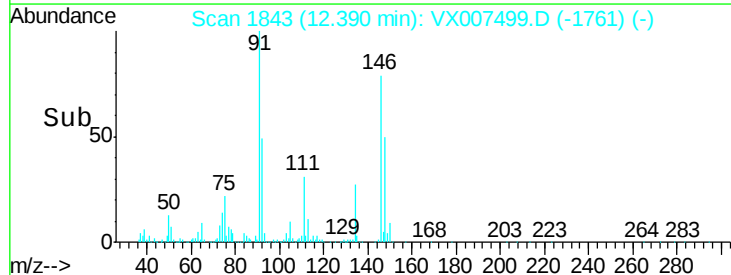
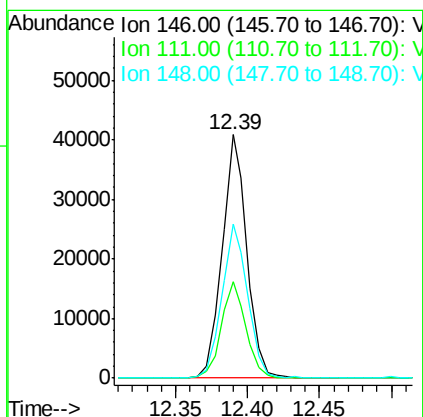
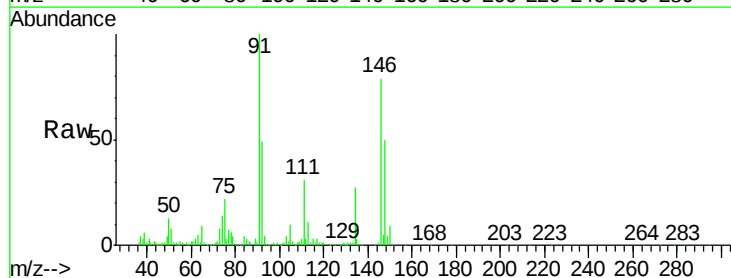
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

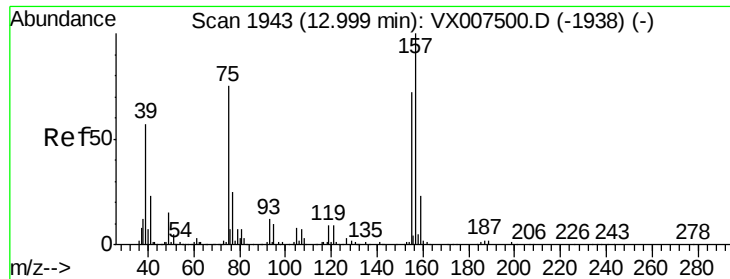
Tgt Ion:117 Resp: 11844
Ion Ratio Lower Upper
117 100
201 85.8 41.1 123.3



#87
1,2-Dichlorobenzene
Concen: 5.036 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion:146 Resp: 49336
Ion Ratio Lower Upper
146 100
111 39.4 19.3 57.8
148 65.9 32.1 96.3





#88

1,2-Dibromo-3-Chloropropane

Concen: 4.700 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

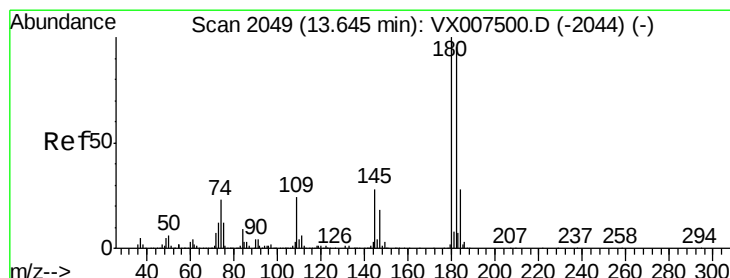
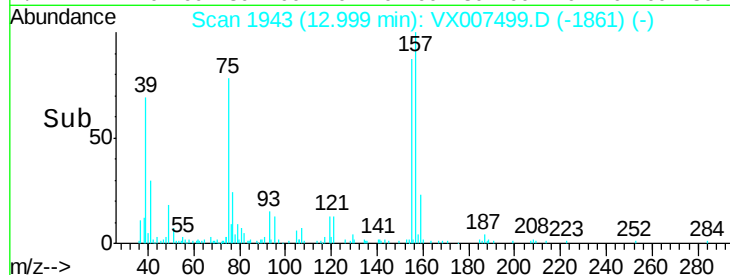
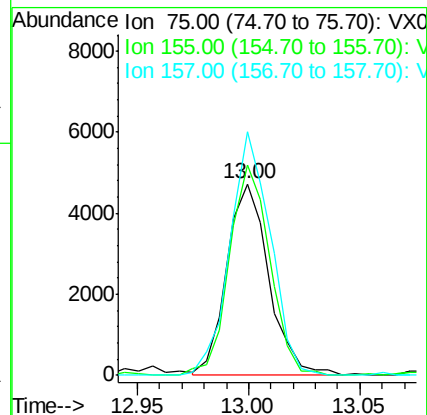
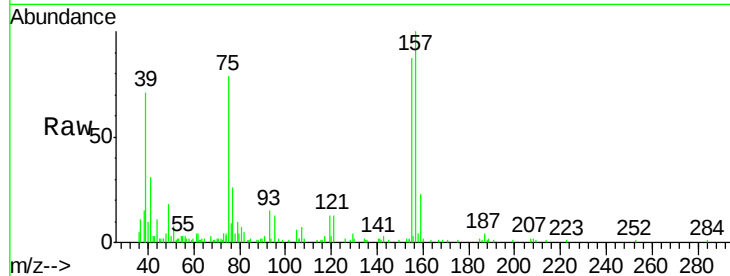
Tgt Ion: 75 Resp: 6220

Ion Ratio Lower Upper

75 100

155 105.4 81.0 121.6

157 122.6 103.2 154.8



#89

1,2,4-Trichlorobenzene

Concen: 4.220 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

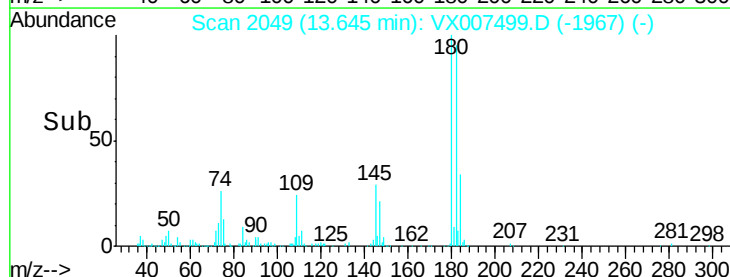
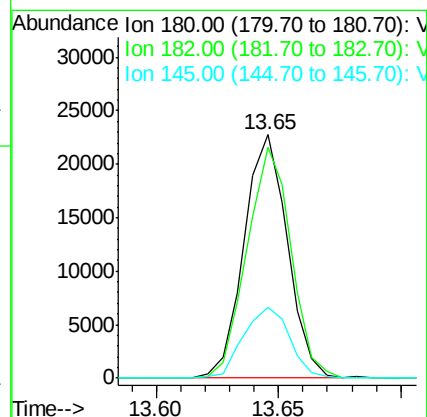
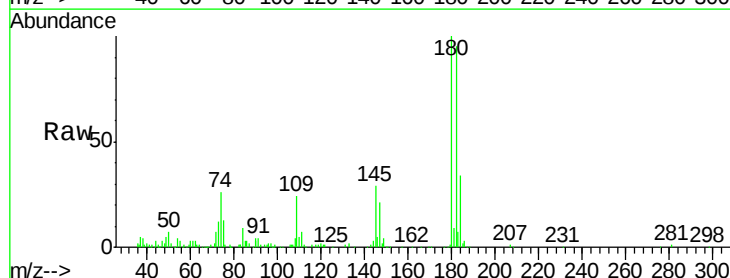
Tgt Ion: 180 Resp: 28097

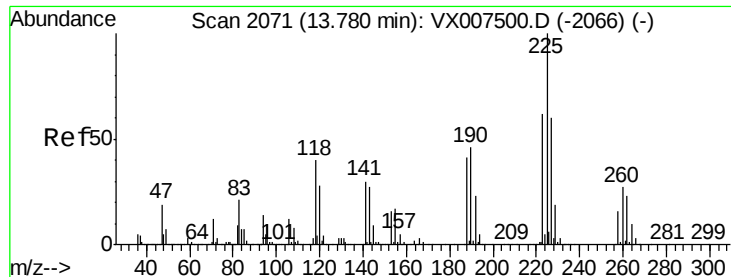
Ion Ratio Lower Upper

180 100

182 96.5 75.6 113.4

145 30.9 23.0 34.6

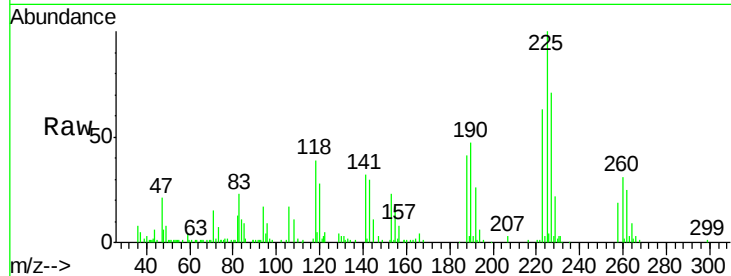




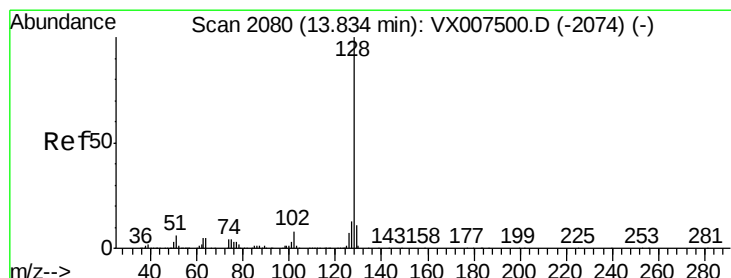
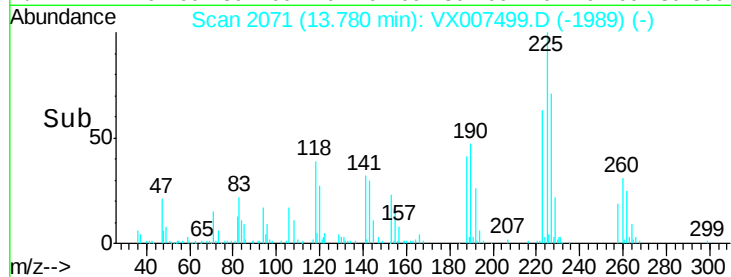
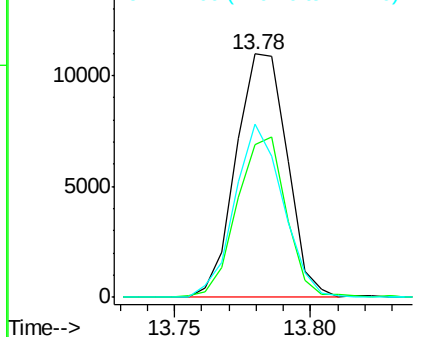
#90
Hexachlorobutadiene
Concen: 4.516 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:225 Resp: 14320
Ion Ratio Lower Upper
225 100
223 63.1 0.0 123.8
227 66.9 0.0 124.4

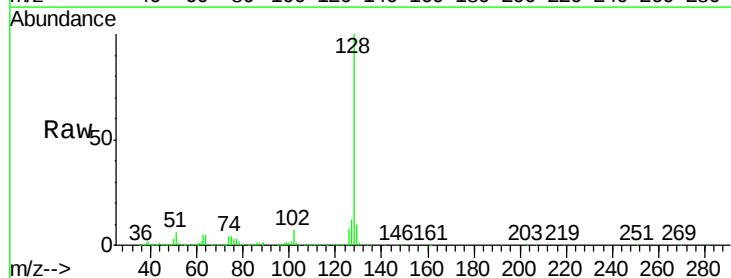


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

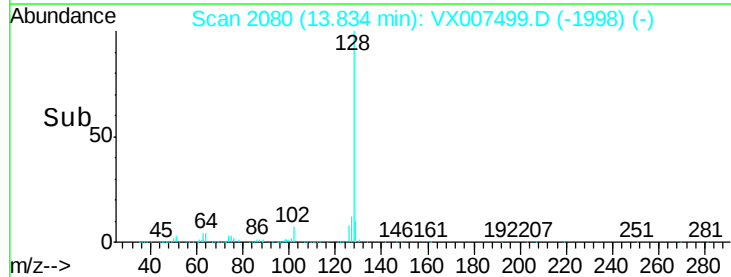
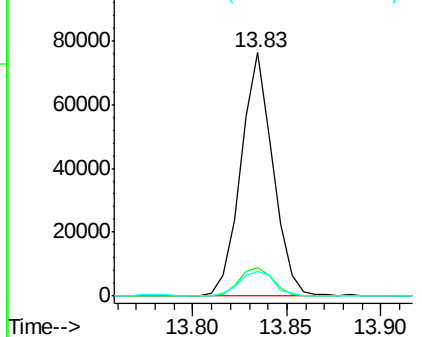


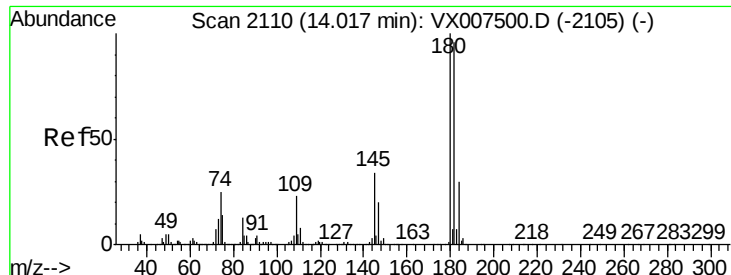
#91
Naphthalene
Concen: 4.415 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion:128 Resp: 89877
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 4.569 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	180	Resp:	30201
Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	193.0
145	33.8	0.0	63.0

