

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007852.D
 Acq On : 06 Mar 2019 10:07
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 07 07:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189484	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	17470	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
35) Dibromofluoromethane	5.50	113	15066	5.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.46%	
50) Toluene-d8	8.71	98	53353	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
62) 4-Bromofluorobenzene	11.13	95	17322	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	12956	4.899 ug/l	99
3) Chloromethane	1.33	50	16790	4.927 ug/l	98
4) Vinyl Chloride	1.41	62	17082	5.044 ug/l	99
5) Bromomethane	1.64	94	8737	4.243 ug/l	90
6) Chloroethane	1.72	64	12991	5.775 ug/l	98
7) Trichlorofluoromethane	1.93	101	22219	5.040 ug/l	98
8) Diethyl Ether	2.20	74	9737	5.100 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13721	5.022 ug/l	99
10) Methyl Iodide	2.51	142	18533	4.782 ug/l	99
11) Tert butyl alcohol	3.07	59	19854	27.188 ug/l	100
12) 1,1-Dichloroethene	2.38	96	13271	5.039 ug/l	97
13) Acrolein	2.30	56	14768	33.491 ug/l	98
14) Allyl chloride	2.73	41	28002	5.060 ug/l	99
15) Acrylonitrile	3.15	53	46825	25.404 ug/l	99
16) Acetone	2.45	43	49719	26.306 ug/l	100
17) Carbon Disulfide	2.57	76	42140	4.766 ug/l	99
18) Methyl Acetate	2.78	43	19513	4.860 ug/l	100
19) Methyl tert-butyl Ether	3.21	73	46506	5.133 ug/l	99
20) Methylene Chloride	2.86	84	15505	5.155 ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	14555	5.023 ug/l	98
22) Diisopropyl ether	3.87	45	52249	5.151 ug/l	99
23) Vinyl Acetate	3.82	43	226895	25.506 ug/l	99
24) 1,1-Dichloroethane	3.70	63	28056	5.139 ug/l	100
25) 2-Butanone	4.70	43	68848	25.730 ug/l	100
26) 2,2-Dichloropropane	4.59	77	18040	4.988 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	16634	5.016 ug/l	96
28) Bromochloromethane	5.02	49	12694	4.988 ug/l	98
29) Tetrahydrofuran	5.15	42	41844	25.071 ug/l	100
30) Chloroform	5.21	83	26692	5.169 ug/l	100
31) Cyclohexane	5.57	56	24976	4.978 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	21424	5.000 ug/l	99
36) 1,1-Dichloropropene	5.80	75	19950	4.891 ug/l	100
37) Ethyl Acetate	4.85	43	24285	5.017 ug/l	99
38) Carbon Tetrachloride	5.78	117	19099	4.932 ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007852.D
 Acq On : 06 Mar 2019 10:07
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 07 07:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24166	4.889	ug/l	98
40) Benzene	6.15	78	61257	5.044	ug/l	99
41) Methacrylonitrile	5.06	41	12987	4.921	ug/l	98
42) 1,2-Dichloroethane	6.20	62	20413	5.140	ug/l	99
43) Isopropyl Acetate	6.46	43	35250	4.921	ug/l	99
44) Trichloroethene	7.21	130	16317	4.876	ug/l	95
45) 1,2-Dichloropropane	7.52	63	16295	5.081	ug/l	90
46) Dibromomethane	7.66	93	10271	5.060	ug/l	99
47) Bromodichloromethane	7.90	83	19087	4.960	ug/l	97
48) Methyl methacrylate	7.77	41	17990	4.776	ug/l	99
49) 1,4-Dioxane	7.76	88	7689	99.377	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	116114	25.203	ug/l	99
52) Toluene	8.78	92	37753	5.092	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	18197	4.530	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	21428	4.724	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	15791	5.261	ug/l	99
56) Ethyl methacrylate	9.18	69	21681	4.811	ug/l	98
57) 1,3-Dichloropropane	9.37	76	25712	5.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	56580	24.273	ug/l	99
59) 2-Hexanone	9.49	43	89772	25.098	ug/l	97
60) Dibromochloromethane	9.58	129	15479	4.934	ug/l	99
61) 1,2-Dibromoethane	9.67	107	15925	4.998	ug/l	100
64) Tetrachloroethene	9.34	164	16684	5.137	ug/l	98
65) Chlorobenzene	10.14	112	41251	5.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	14501	4.934	ug/l	98
67) Ethyl Benzene	10.25	91	66436	4.921	ug/l	100
68) m/p-Xylenes	10.36	106	51059	9.812	ug/l	99
69) o-Xylene	10.70	106	24804	4.937	ug/l	100
70) Styrene	10.71	104	38825	4.723	ug/l	98
71) Bromoform	10.85	173	11688	4.630	ug/l #	99
73) Isopropylbenzene	11.02	105	66268	5.171	ug/l	100
74) N-amyl acetate	10.90	43	27847	4.760	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	23314	5.274	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	25015	6.239	ug/l	89
77) Bromobenzene	11.26	156	17661	5.027	ug/l	97
78) n-propylbenzene	11.36	91	70096	4.930	ug/l	100
79) 2-Chlorotoluene	11.42	91	44609	5.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	53501	5.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	5428	4.364	ug/l #	82
82) 4-Chlorotoluene	11.51	91	49475	4.967	ug/l	99
83) tert-Butylbenzene	11.77	119	52494	4.941	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	54742	5.063	ug/l	99
85) sec-Butylbenzene	11.94	105	62365	4.984	ug/l	99
86) p-Isopropyltoluene	12.06	119	55502	4.953	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	31116	5.006	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	31404	4.930	ug/l	94
89) n-Butylbenzene	12.38	91	44119	4.647	ug/l	99
90) Hexachloroethane	12.60	117	9121	4.868	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	31146	5.044	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4334	4.691	ug/l	96

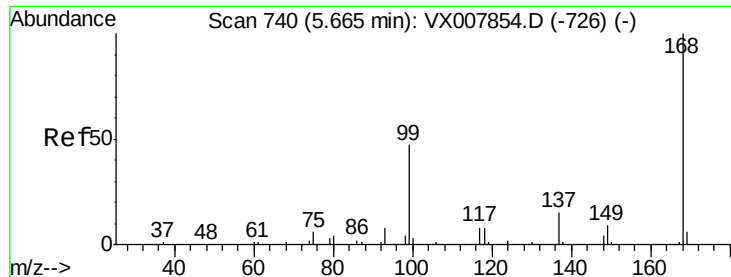
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
Data File : VX007852.D
Acq On : 06 Mar 2019 10:07
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 07 07:02:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:50:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	19461	4.486	ug/l	98
94) Hexachlorobutadiene	13.78	225	11158	4.920	ug/l	99
95) Naphthalene	13.83	128	56052	4.485	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	20540	4.753	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

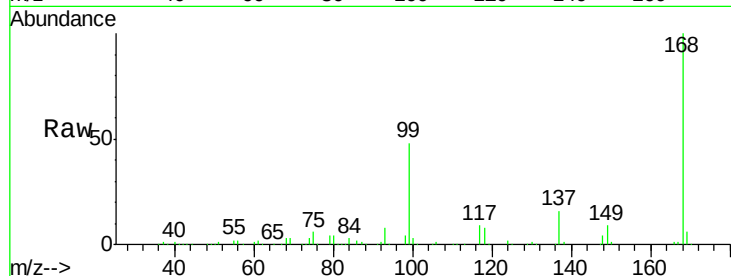
VSTDIC005

Tgt Ion:168 Resp: 309538

Ion Ratio Lower Upper

168 100

99 48.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

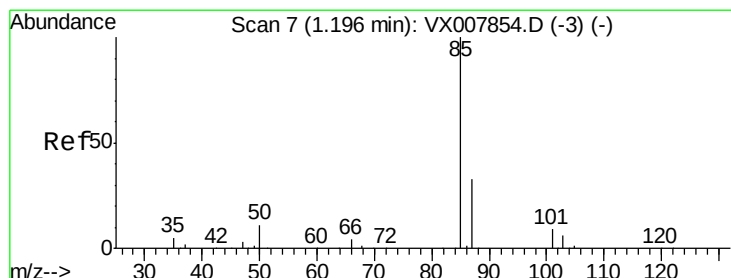
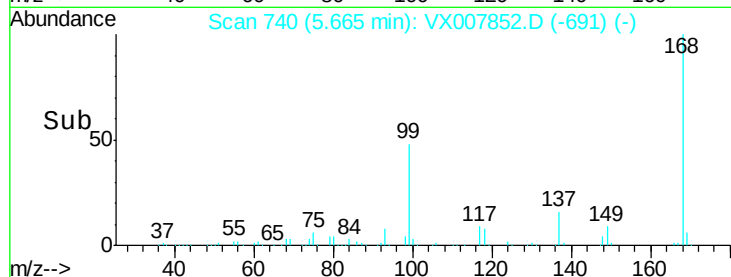
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.899 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007852.D

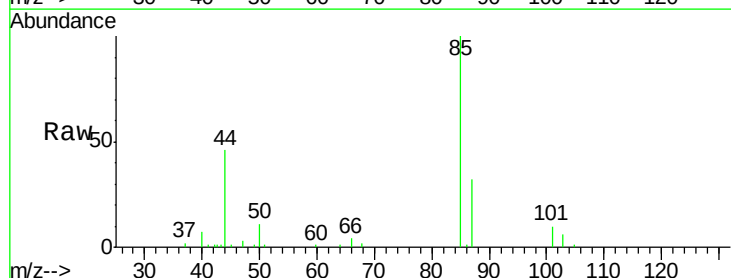
Acq: 06 Mar 2019 10:07

Tgt Ion: 85 Resp: 12956

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

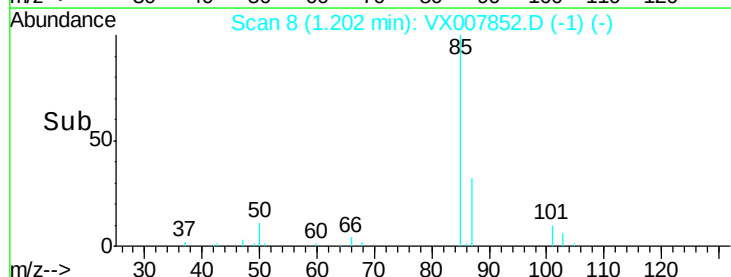
1.20

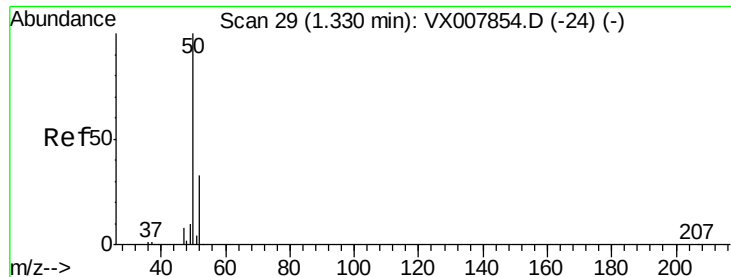
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 4.927 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

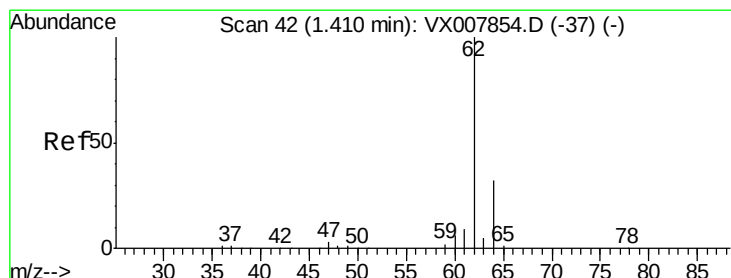
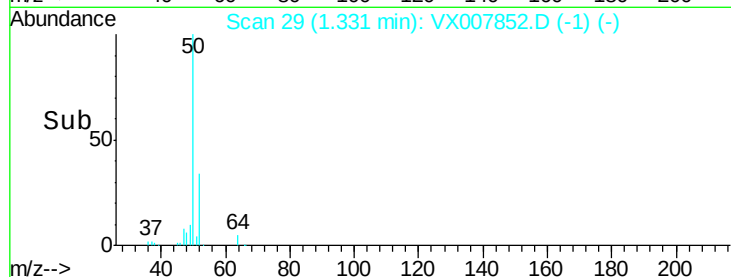
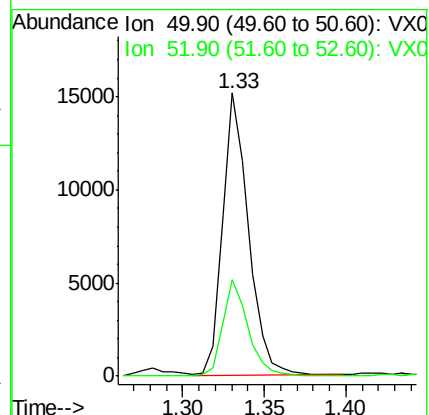
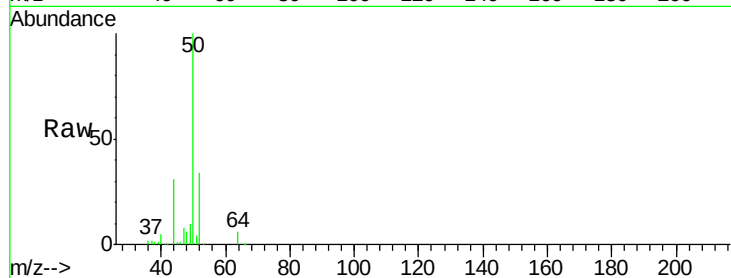
VSTDIC005

Tgt Ion: 50 Resp: 16790

Ion Ratio Lower Upper

50 100

52 34.5 26.5 39.7



#4

Vinyl Chloride

Concen: 5.044 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007852.D

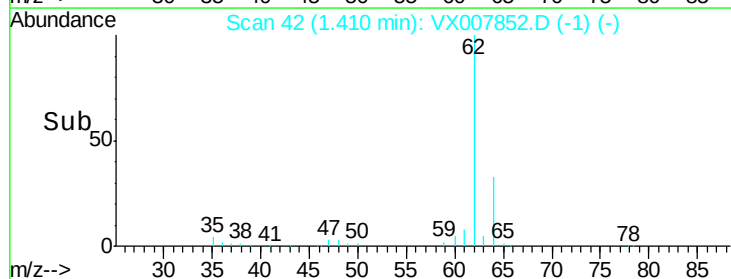
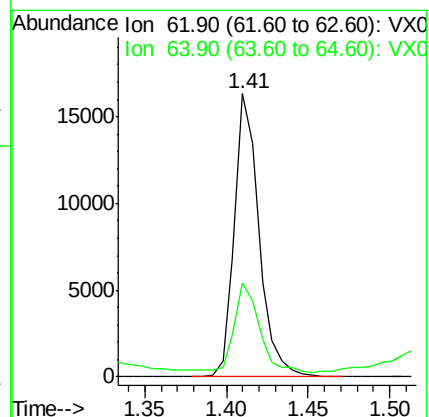
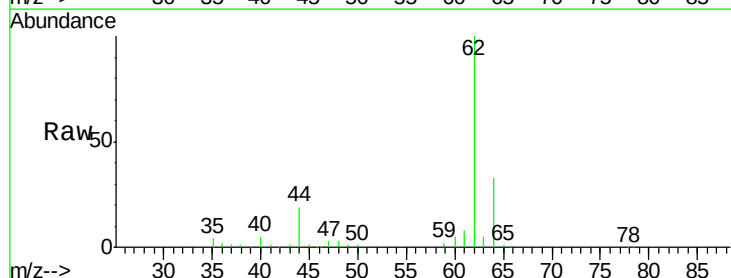
Acq: 06 Mar 2019 10:07

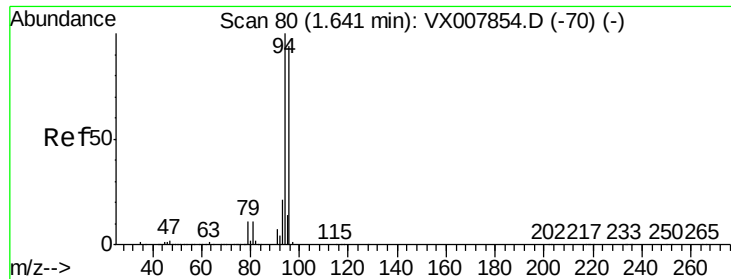
Tgt Ion: 62 Resp: 17082

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 4.243 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

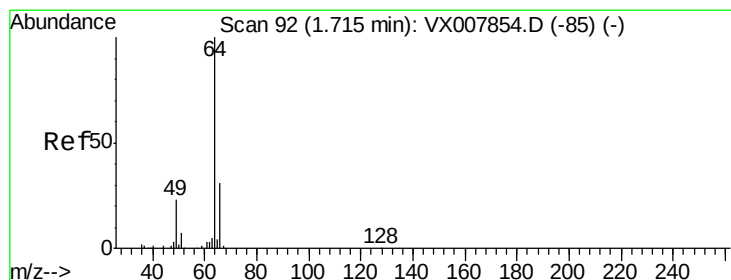
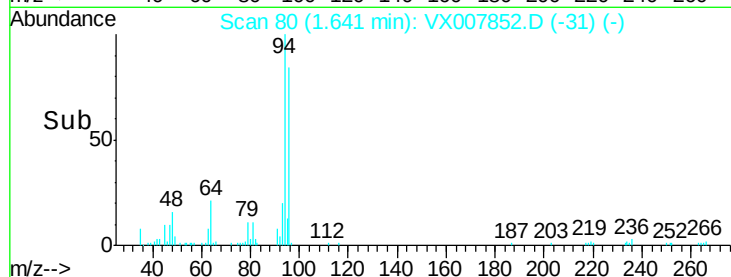
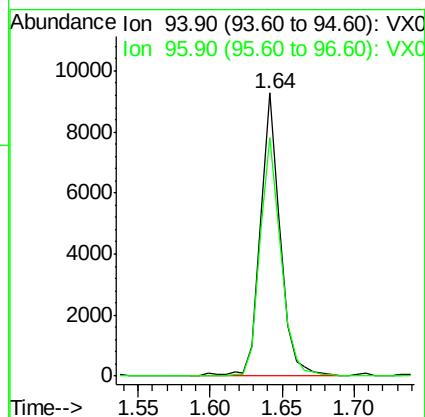
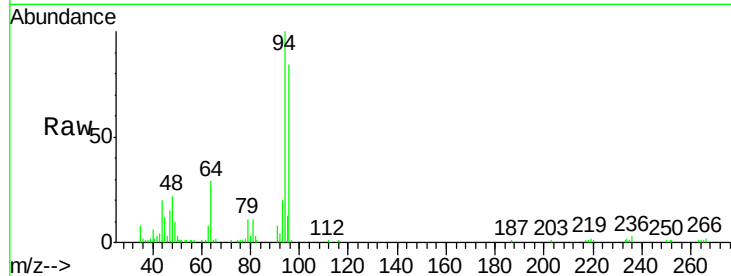
VSTDIC005

Tgt Ion: 94 Resp: 8737

Ion Ratio Lower Upper

94 100

96 84.4 75.5 113.3



#6

Chloroethane

Concen: 5.775 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007852.D

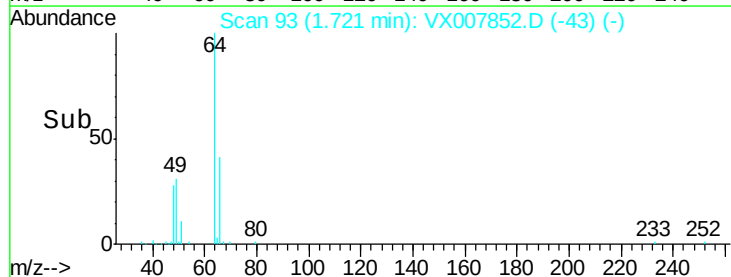
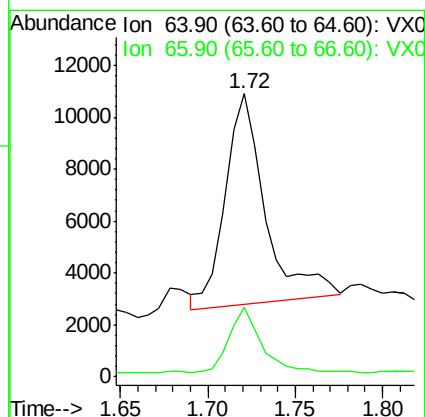
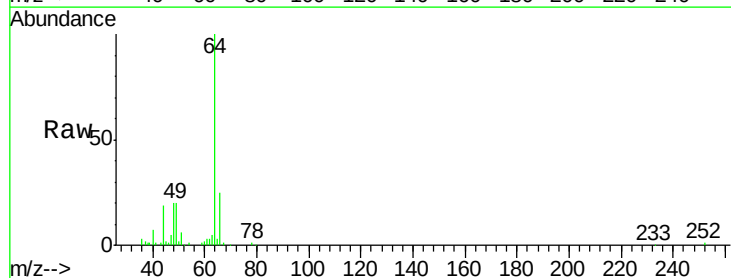
Acq: 06 Mar 2019 10:07

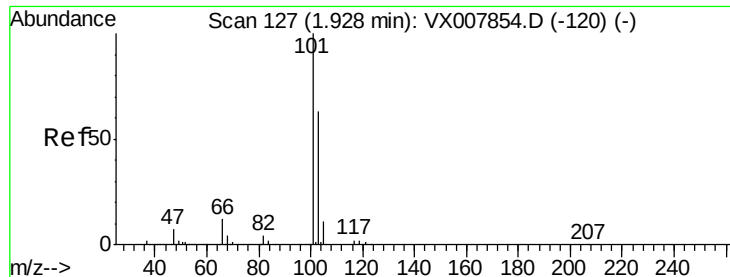
Tgt Ion: 64 Resp: 12991

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8



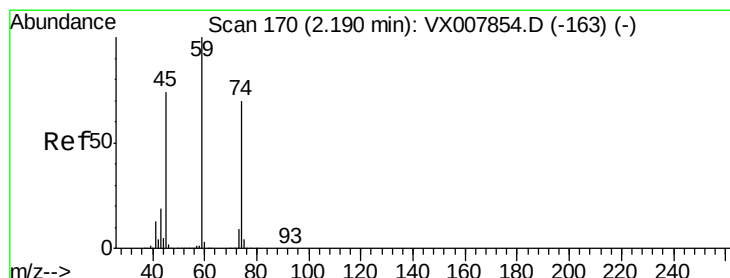
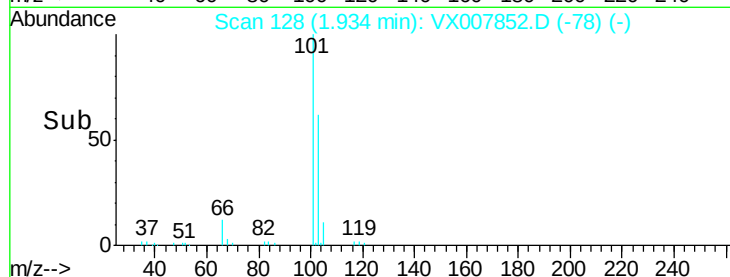
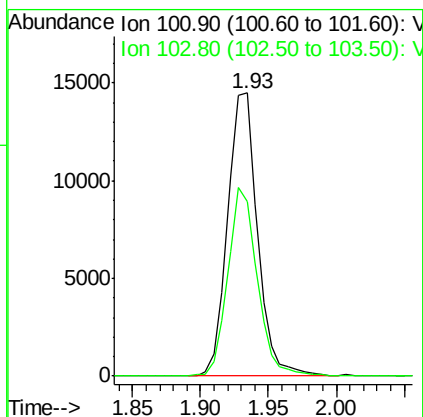
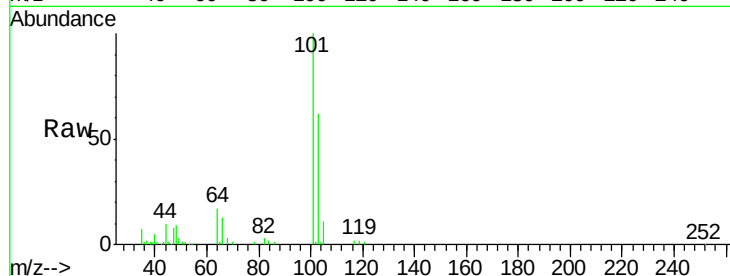


#7

Trichlorofluoromethane
 Concen: 5.040 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

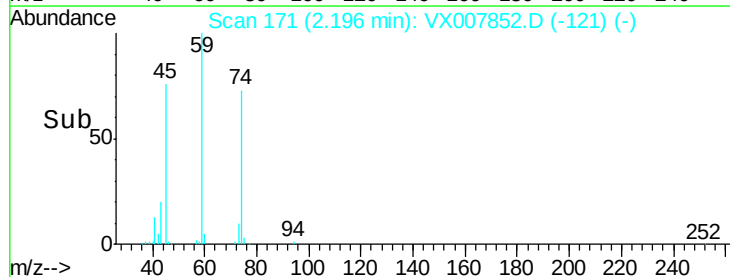
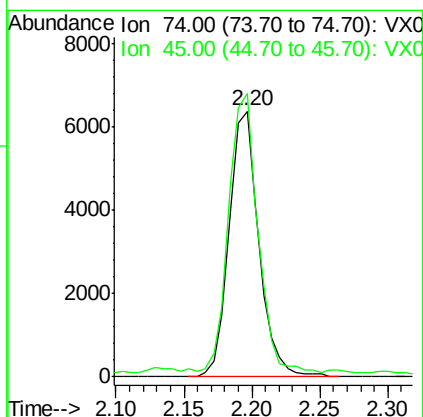
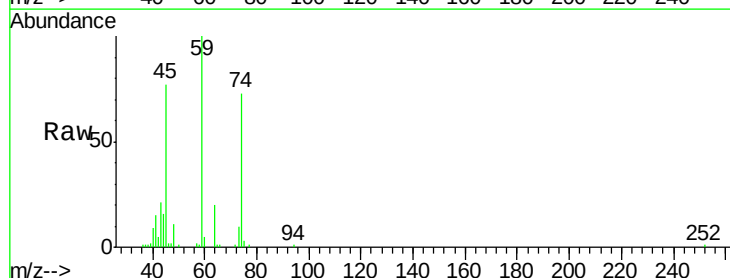
Tgt Ion:101 Resp: 22219
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.4 75.6

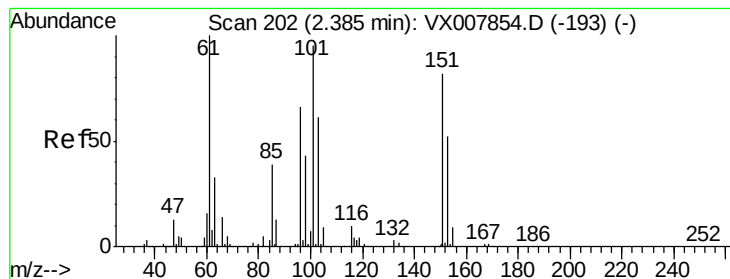


#8

Diethyl Ether
 Concen: 5.100 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion: 74 Resp: 9737
 Ion Ratio Lower Upper
 74 100
 45 103.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.022 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

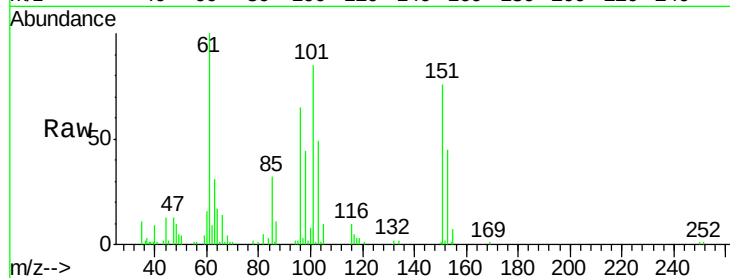
Tgt Ion:101 Resp: 13721

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

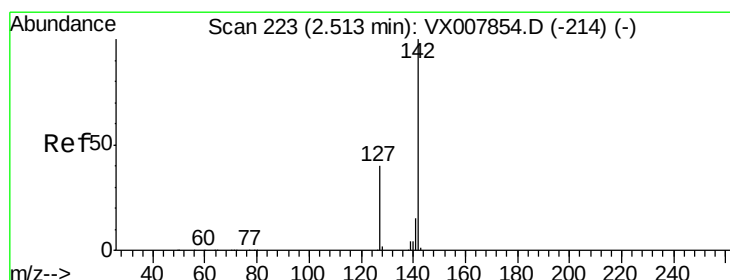
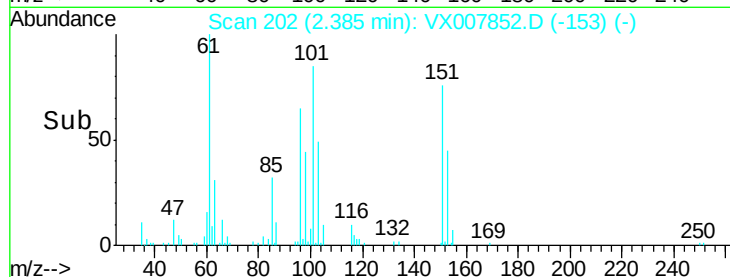
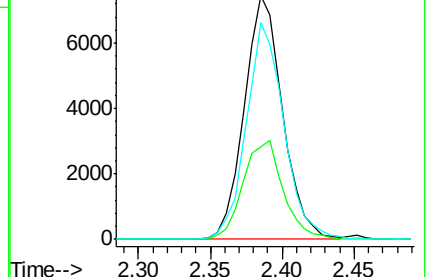
151 87.5 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.782 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

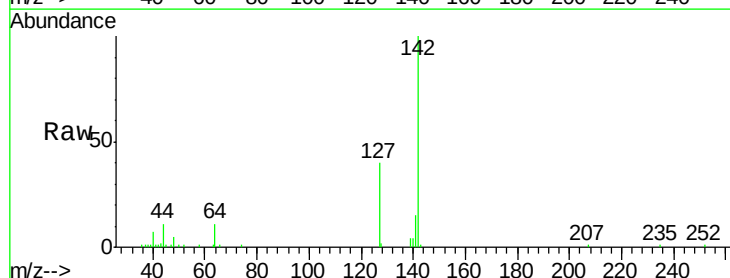
Tgt Ion:142 Resp: 18533

Ion Ratio Lower Upper

142 100

127 39.9 32.1 48.1

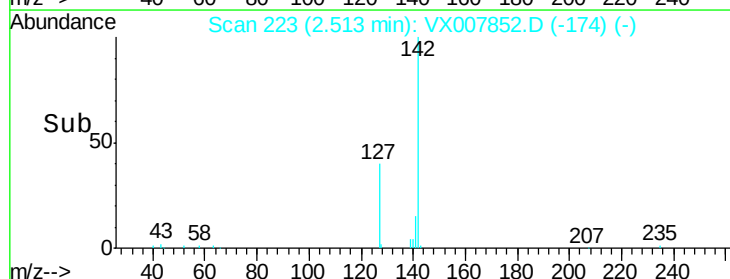
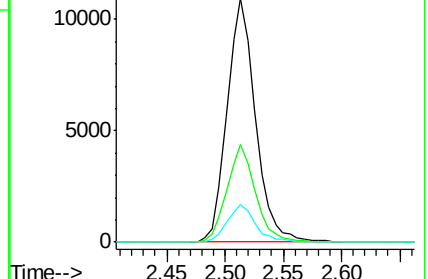
141 15.0 11.4 17.2

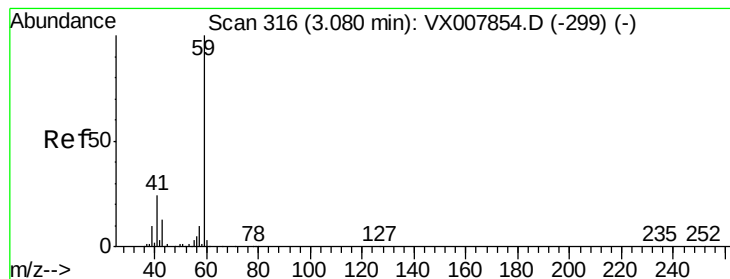


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



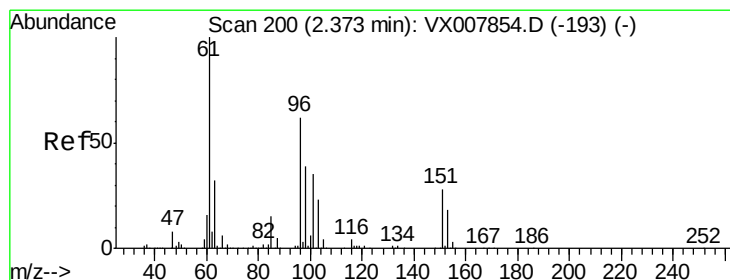
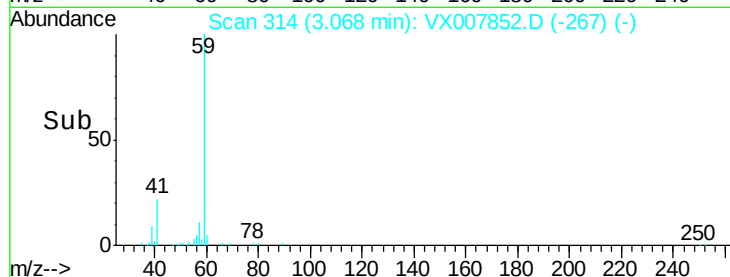
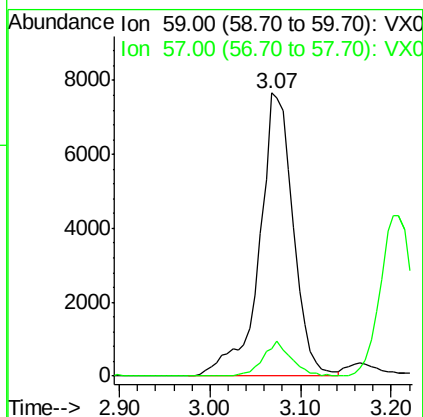
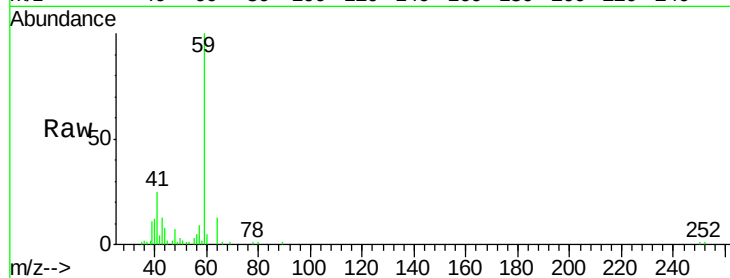


#11

Tert butyl alcohol
 Concen: 27.188 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

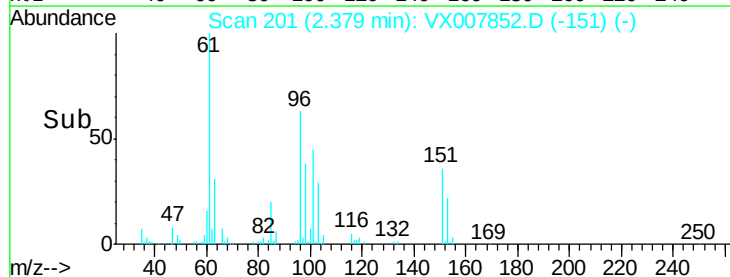
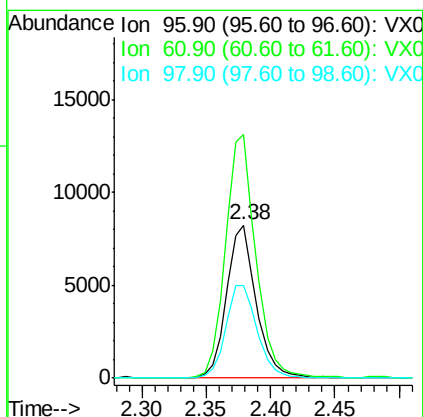
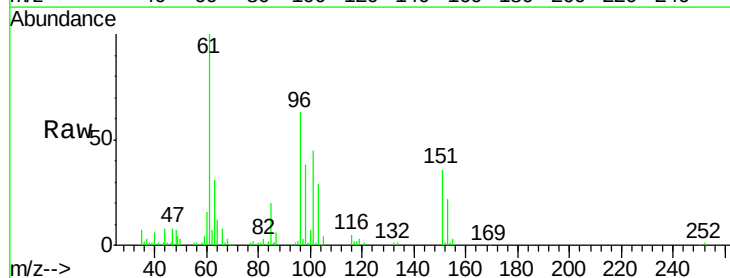
Tgt Ion: 59 Resp: 19854
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

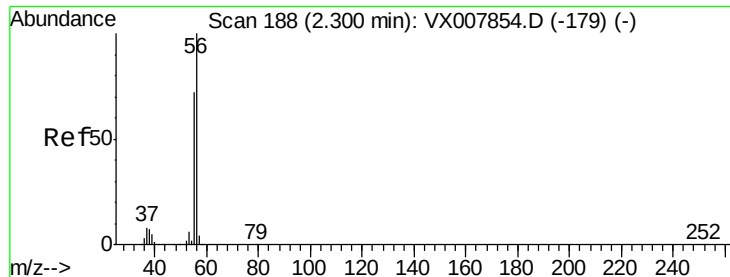


#12

1,1-Dichloroethene
 Concen: 5.039 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion: 96 Resp: 13271
 Ion Ratio Lower Upper
 96 100
 61 158.7 129.8 194.6
 98 60.5 51.0 76.6





#13

Acrolein

Concen: 33.491 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

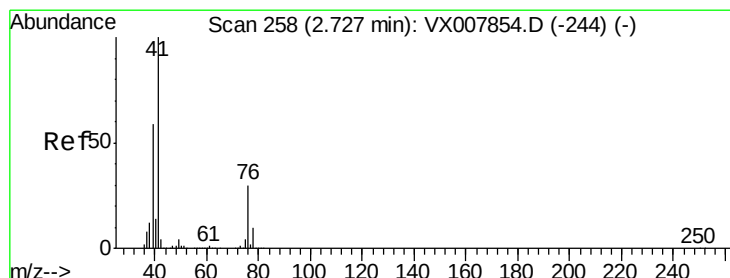
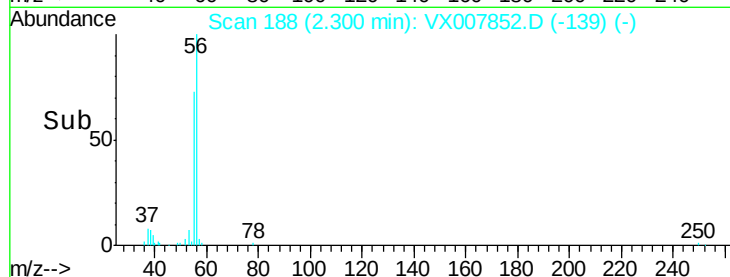
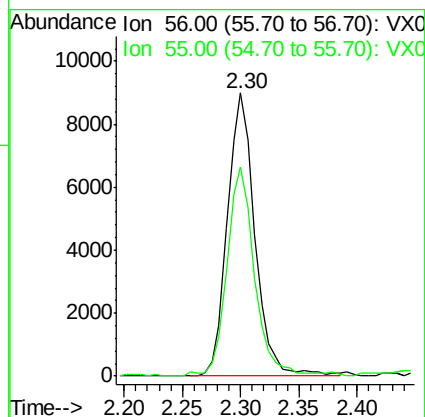
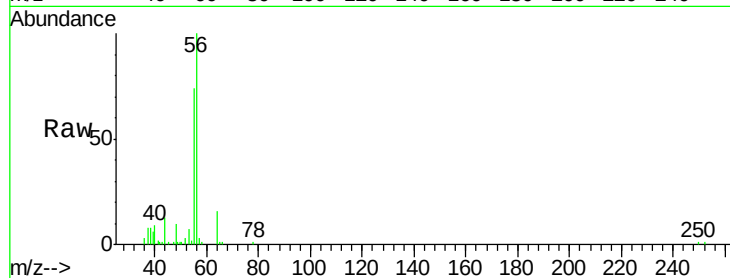
VSTDIC005

Tgt Ion: 56 Resp: 14768

Ion Ratio Lower Upper

56 100

55 73.5 57.8 86.6



#14

Allyl chloride

Concen: 5.060 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

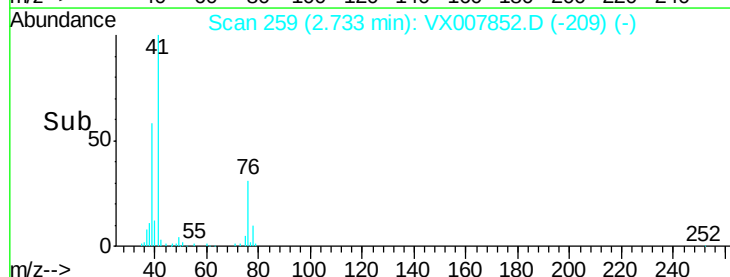
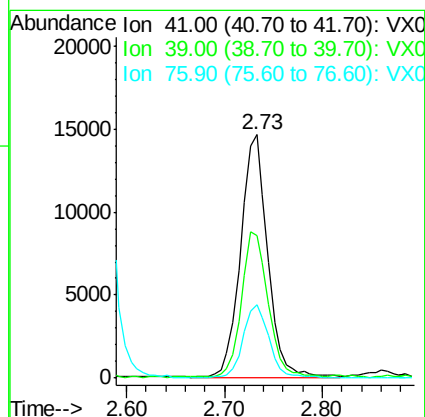
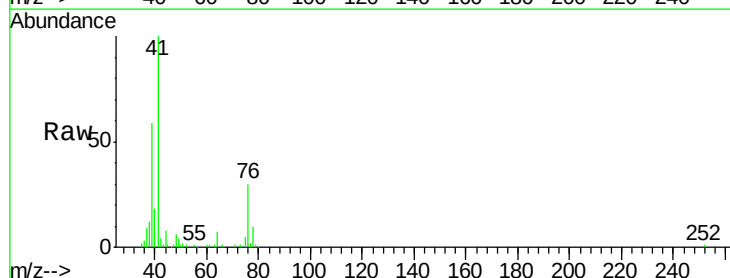
Tgt Ion: 41 Resp: 28002

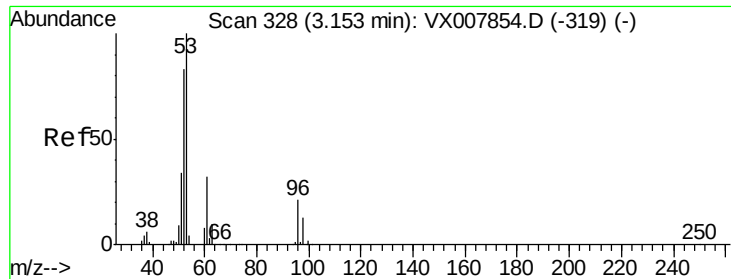
Ion Ratio Lower Upper

41 100

39 58.0 46.1 69.1

76 29.3 24.0 36.0





#15

Acrylonitrile

Concen: 25.404 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

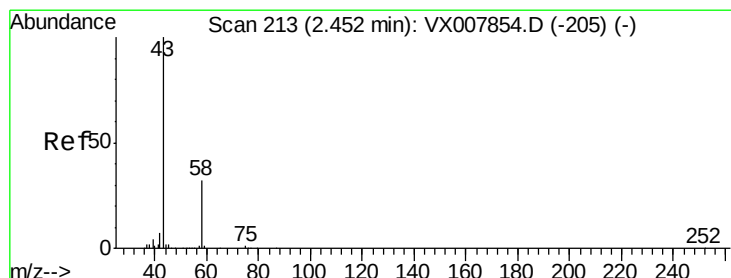
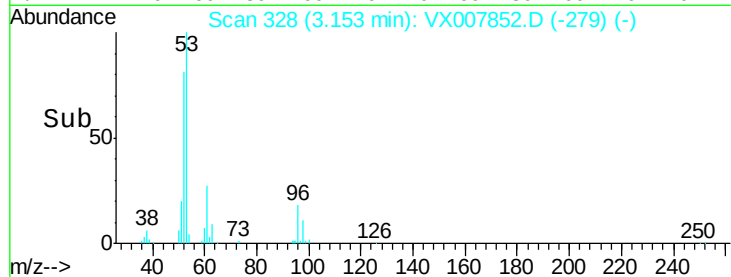
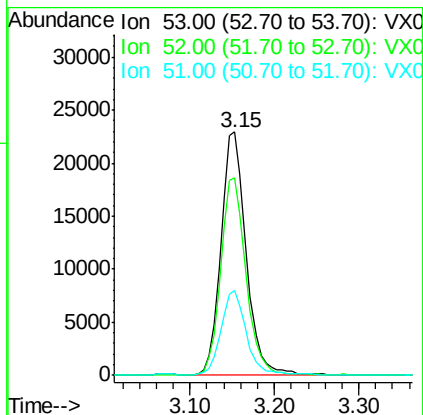
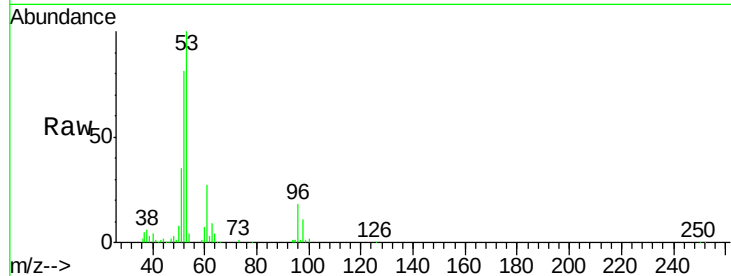
Tgt Ion: 53 Resp: 46825

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

51 36.1 28.0 42.0



#16

Acetone

Concen: 26.306 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX007852.D

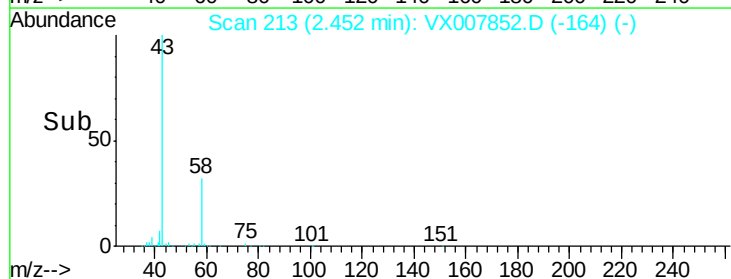
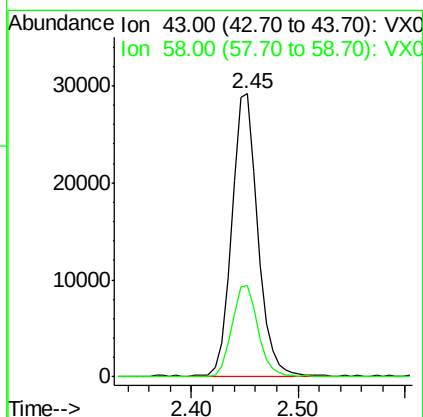
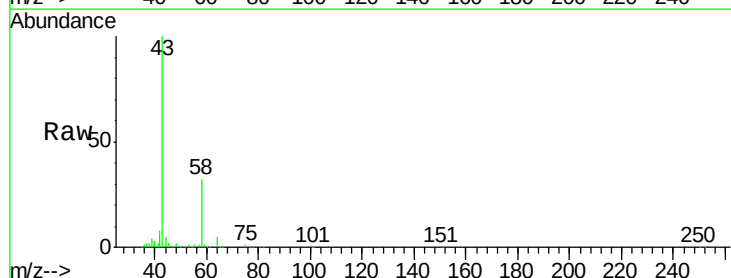
Acq: 06 Mar 2019 10:07

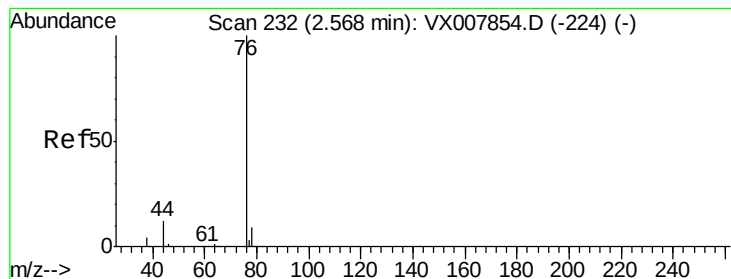
Tgt Ion: 43 Resp: 49719

Ion Ratio Lower Upper

43 100

58 32.2 25.5 38.3





#17

Carbon Disulfide

Concen: 4.766 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

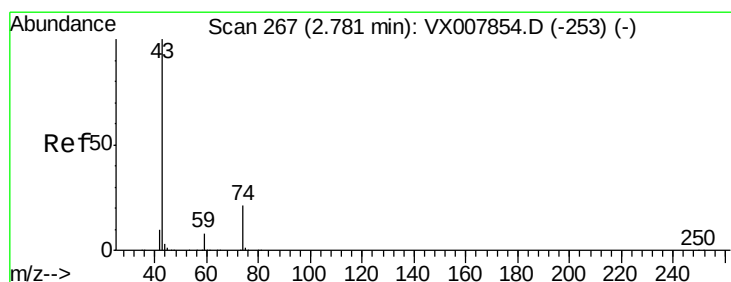
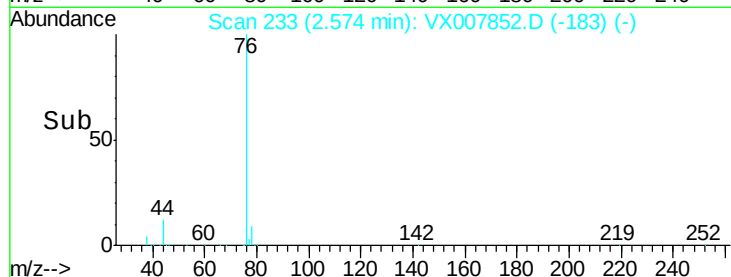
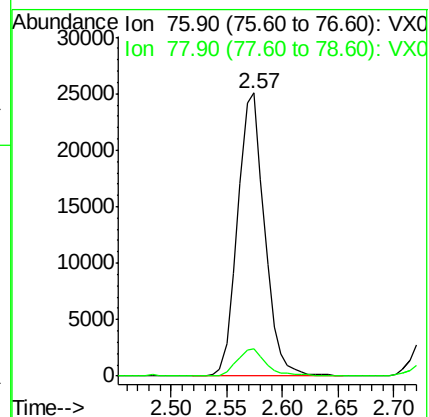
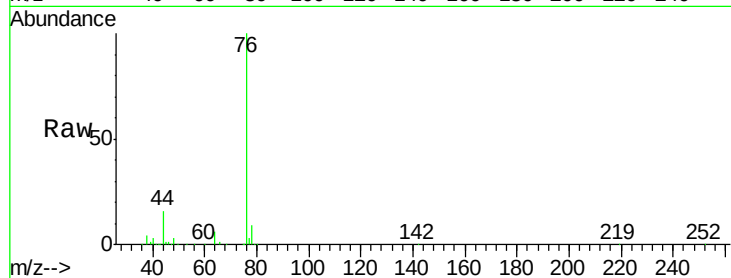
VSTDIC005

Tgt Ion: 76 Resp: 42140

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 4.860 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007852.D

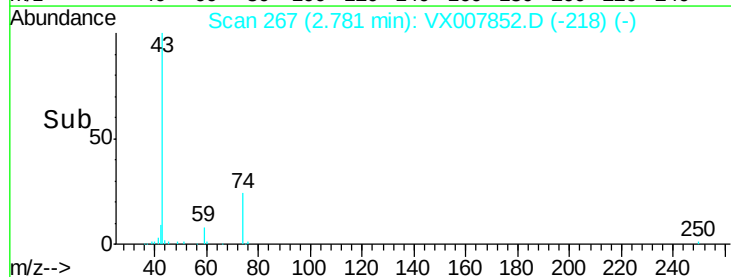
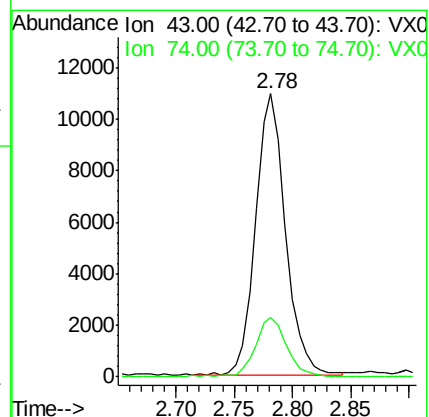
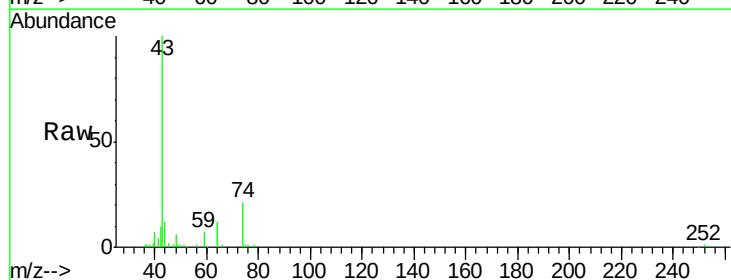
Acq: 06 Mar 2019 10:07

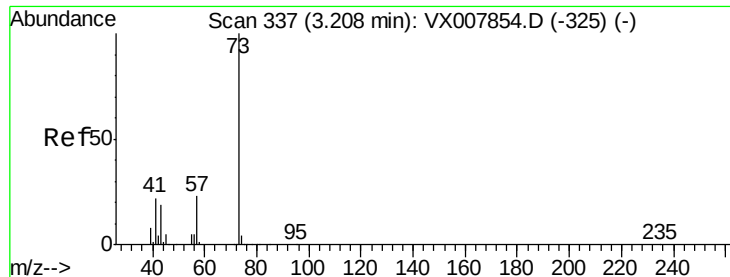
Tgt Ion: 43 Resp: 19513

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 5.133 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

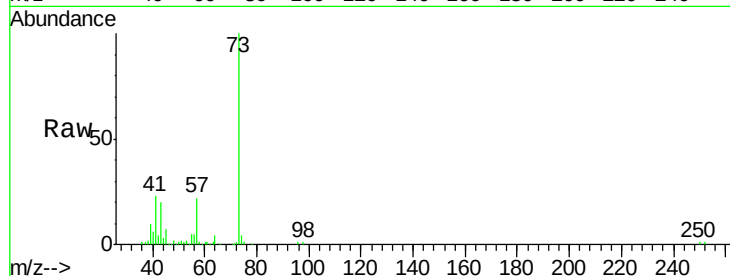
VSTDIC005

Tgt Ion: 73 Resp: 46506

Ion Ratio Lower Upper

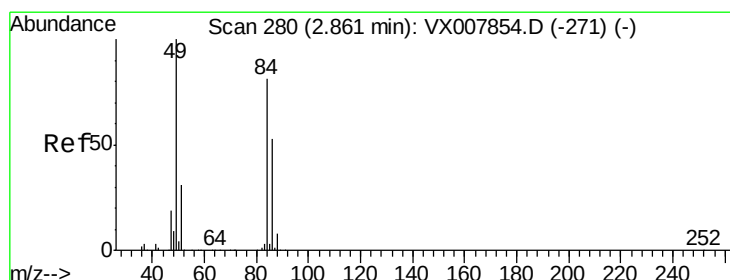
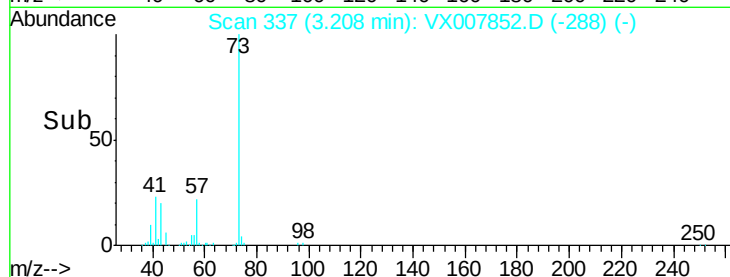
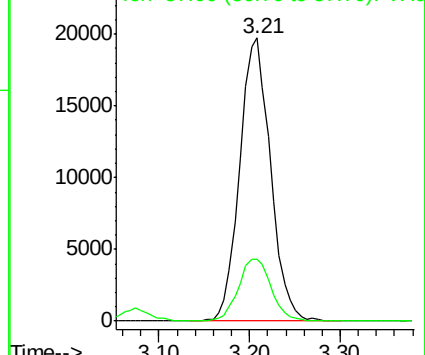
73 100

57 22.1 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 5.155 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Tgt Ion: 84 Resp: 15505

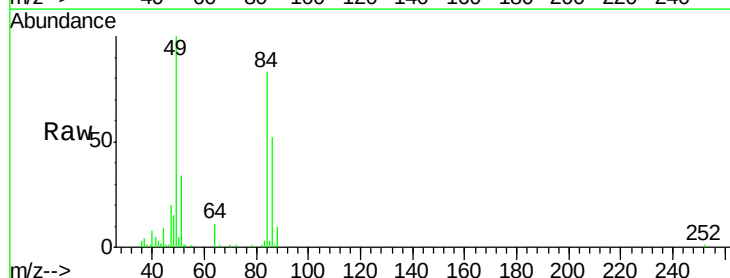
Ion Ratio Lower Upper

84 100

49 120.5 99.3 148.9

51 41.3 31.3 46.9

86 62.9 52.6 79.0

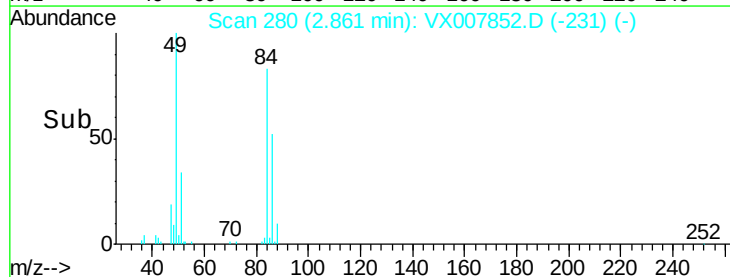
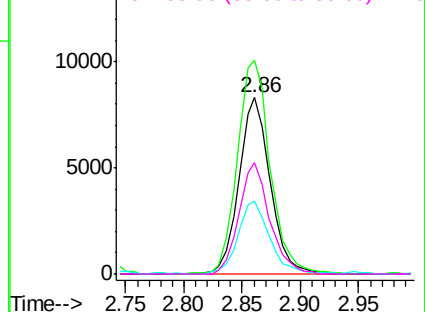


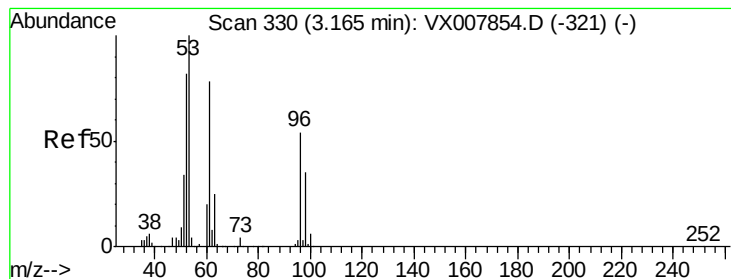
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 5.023 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

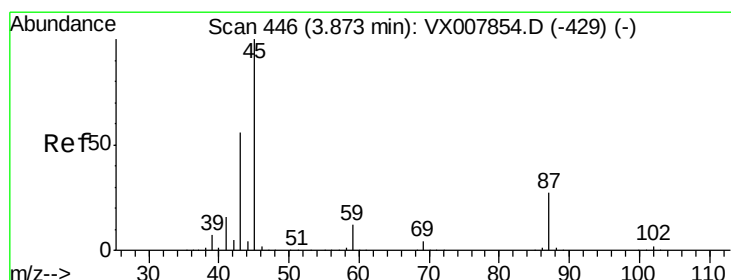
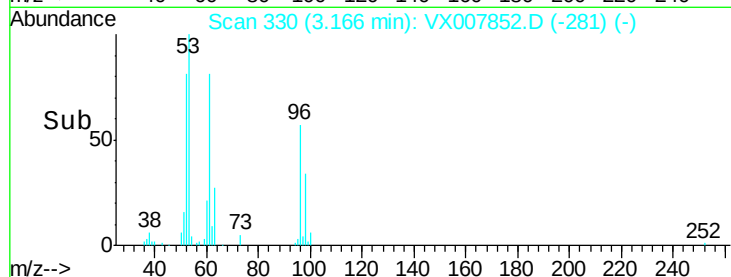
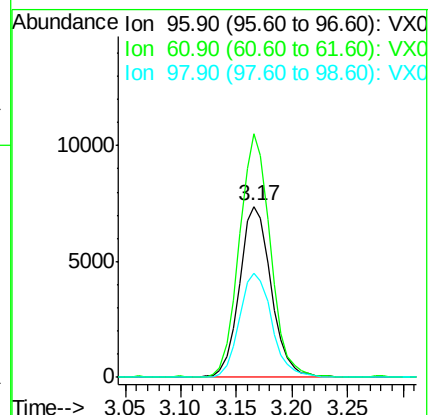
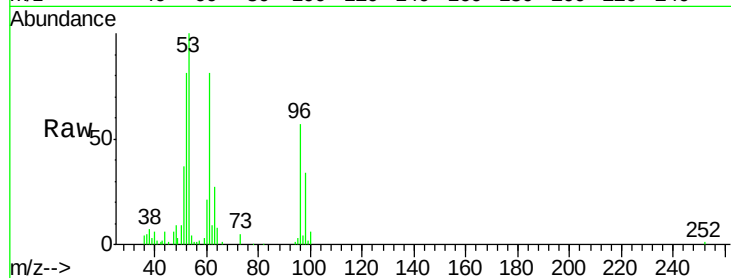
Tgt Ion: 96 Resp: 14555

Ion Ratio Lower Upper

96 100

61 142.4 114.4 171.6

98 60.5 51.1 76.7



#22

Diisopropyl ether

Concen: 5.151 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Tgt Ion: 45 Resp: 52249

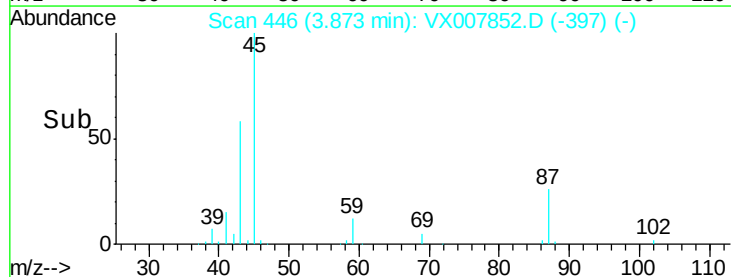
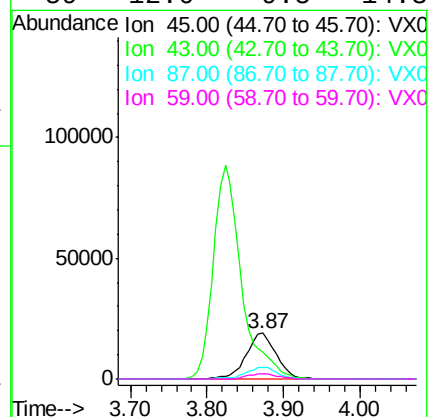
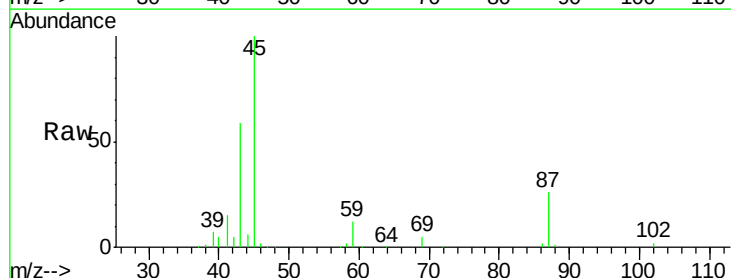
Ion Ratio Lower Upper

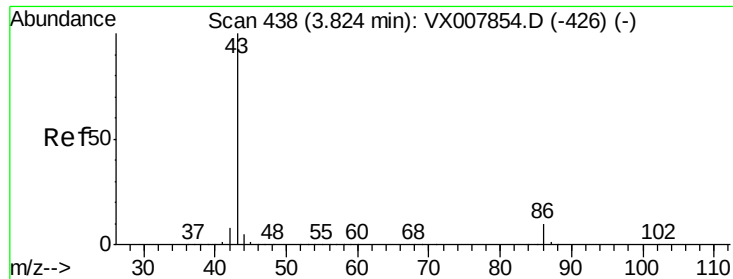
45 100

43 57.8 45.3 67.9

87 25.9 21.4 32.0

59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 25.506 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

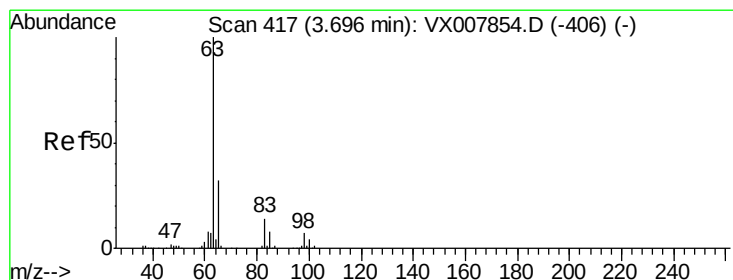
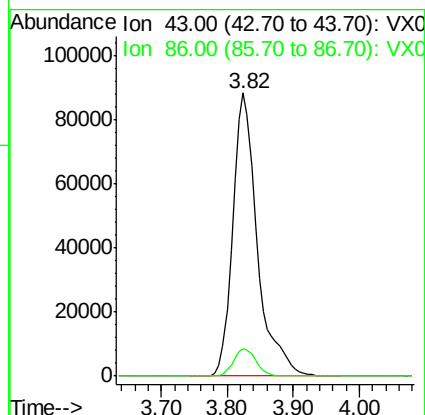
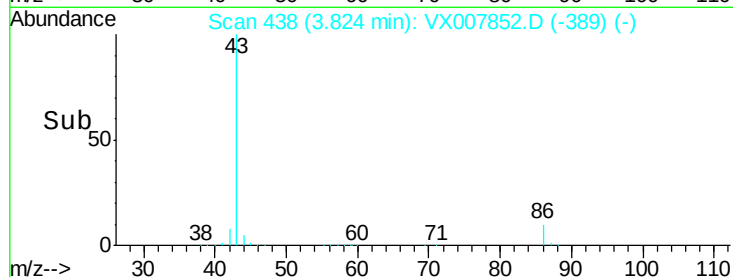
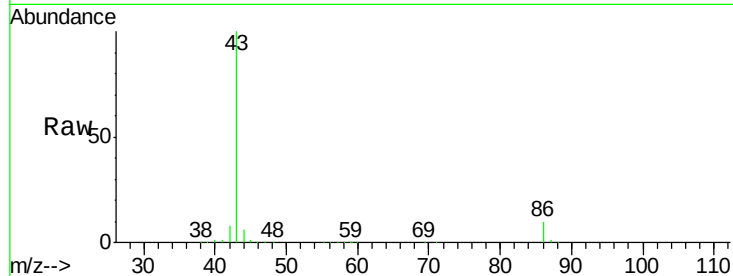
VSTDIC005

Tgt Ion: 43 Resp: 226895

Ion Ratio Lower Upper

43 100

86 9.5 7.9 11.9



#24

1,1-Dichloroethane

Concen: 5.139 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

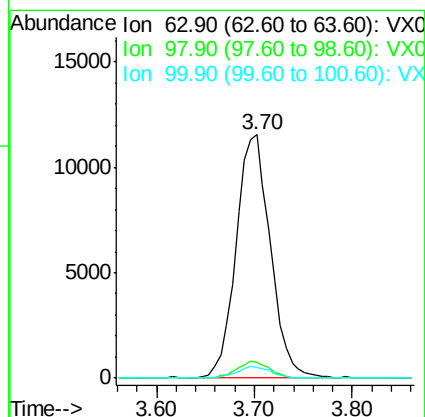
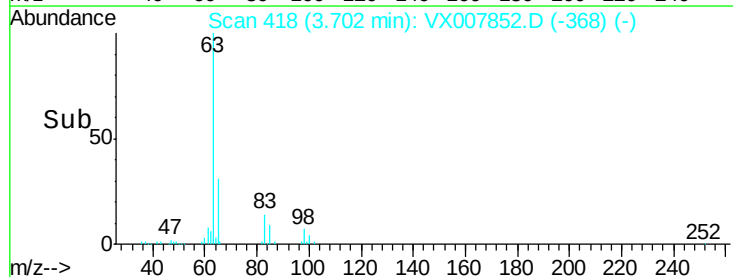
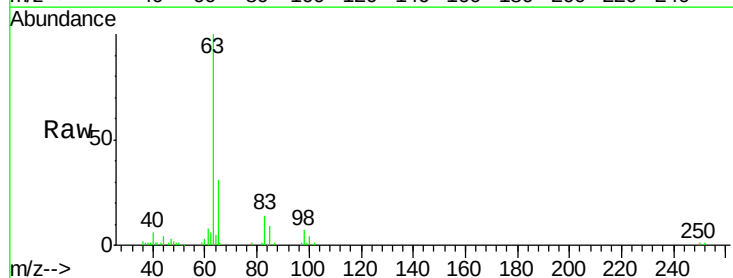
Tgt Ion: 63 Resp: 28056

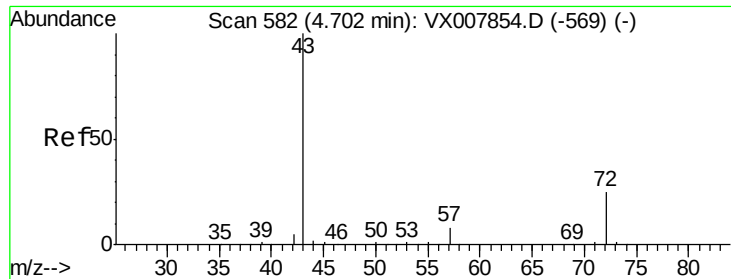
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 25.730 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampled :

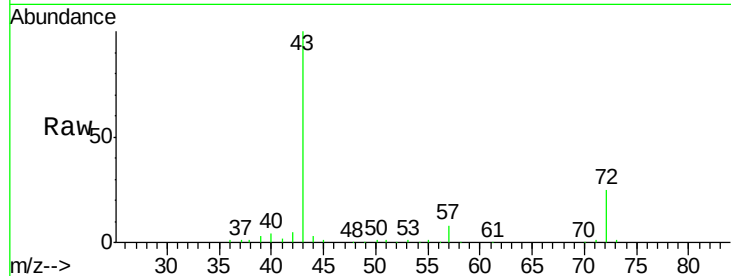
VSTDIC005

Tgt Ion: 43 Resp: 68848

Ion Ratio Lower Upper

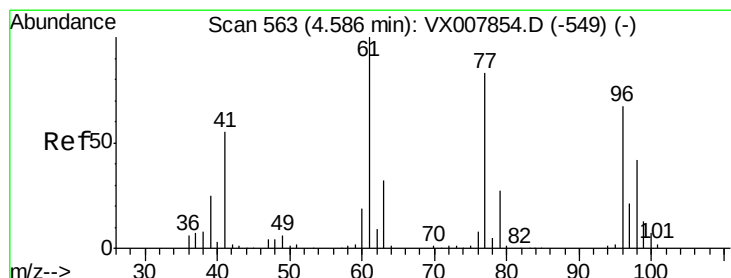
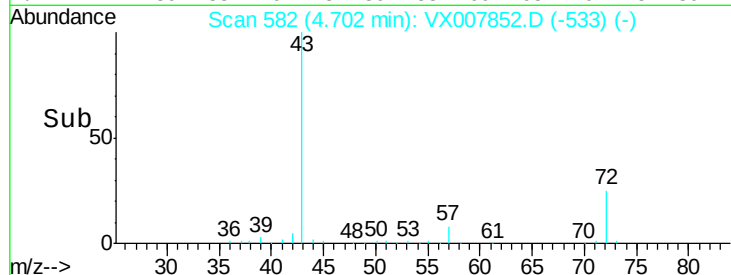
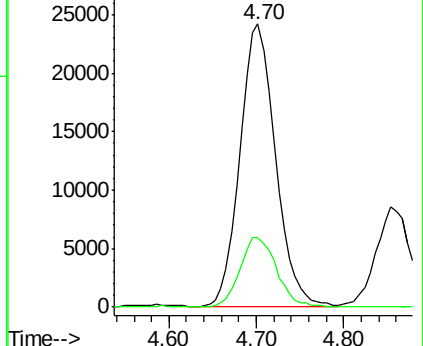
43 100

72 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.988 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007852.D

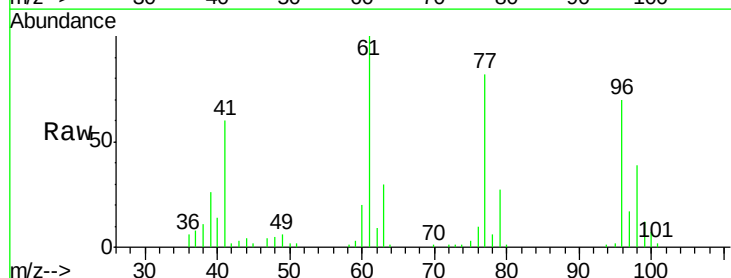
Acq: 06 Mar 2019 10:07

Tgt Ion: 77 Resp: 18040

Ion Ratio Lower Upper

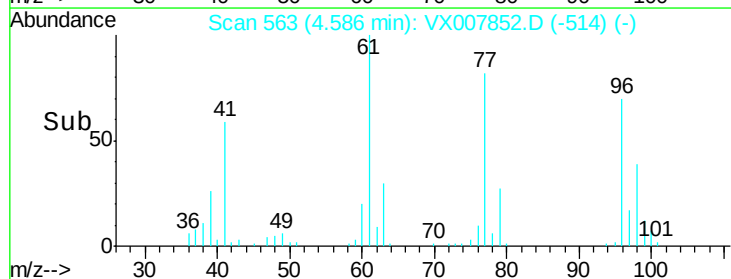
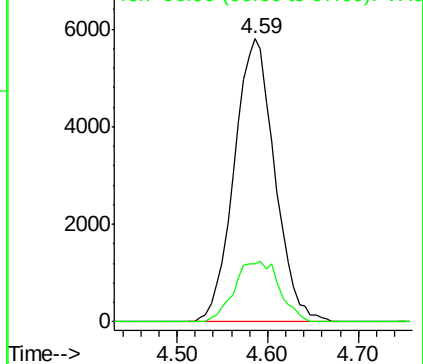
77 100

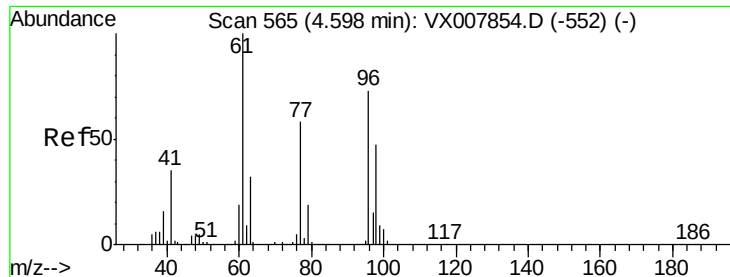
97 23.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



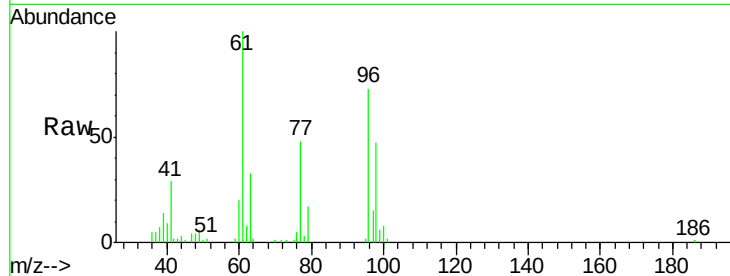


#27

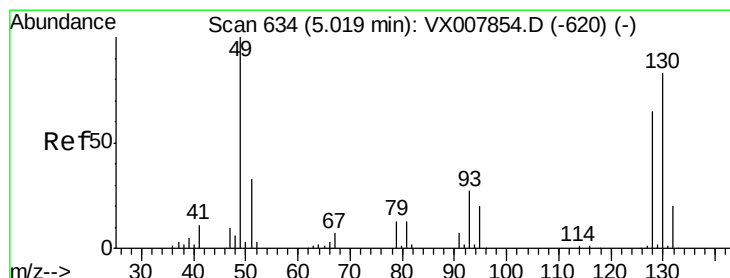
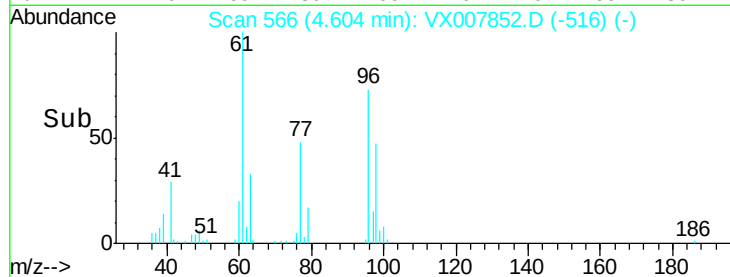
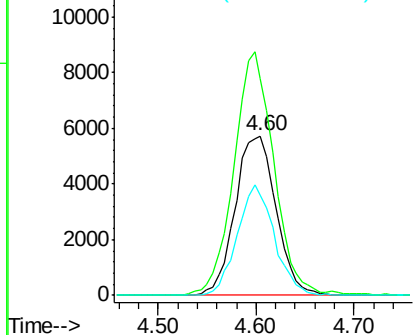
cis-1,2-Dichloroethene
 Concen: 5.016 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 16634
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 288.0
 98 63.0 0.0 129.0



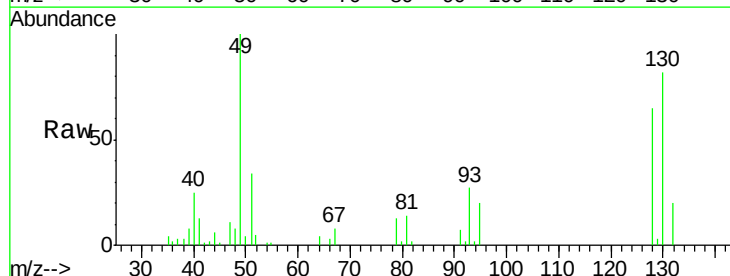
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



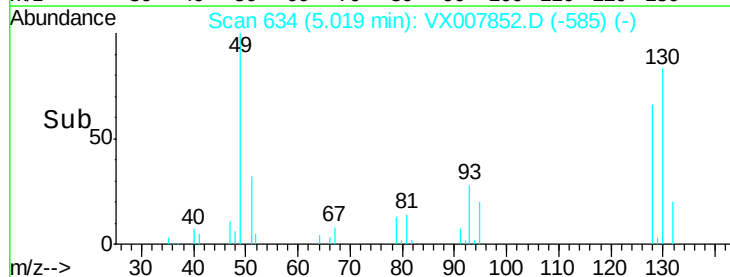
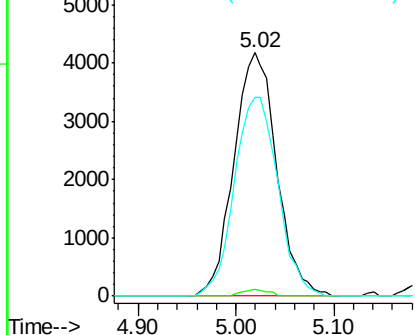
#28

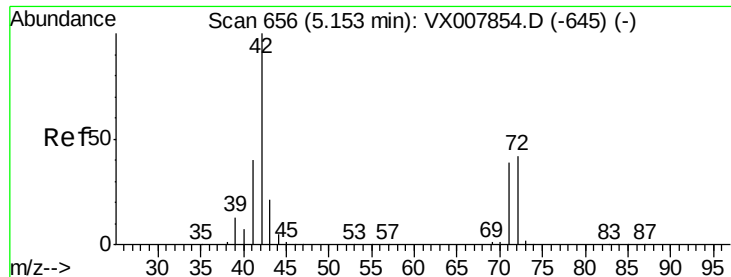
Bromochloromethane
 Concen: 4.988 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion: 49 Resp: 12694
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 83.2 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

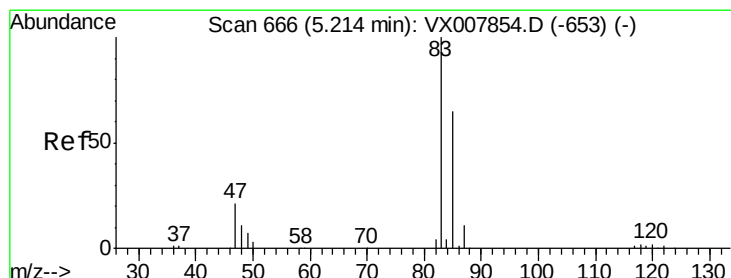
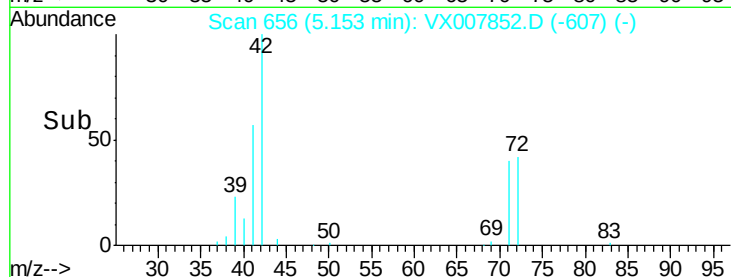
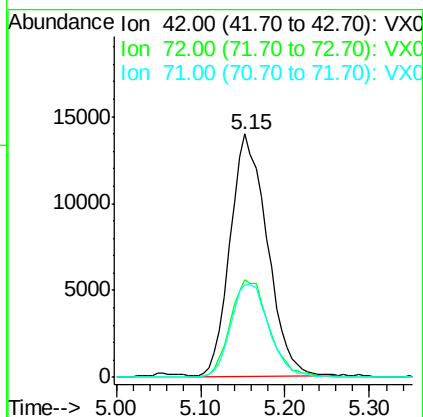
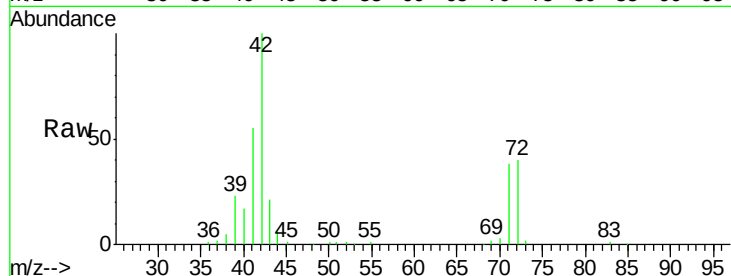




#29
Tetrahydrofuran
Concen: 25.071 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

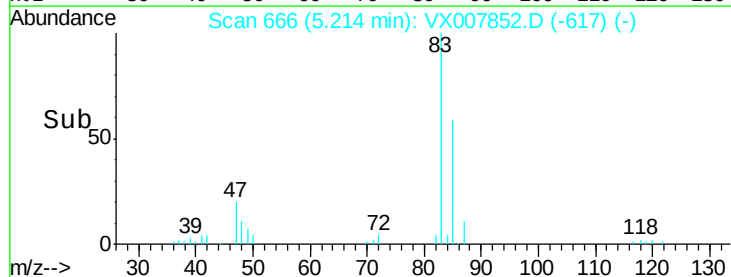
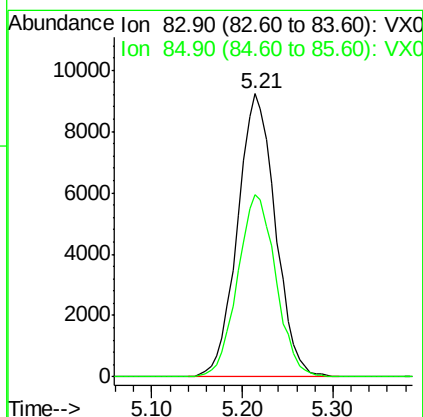
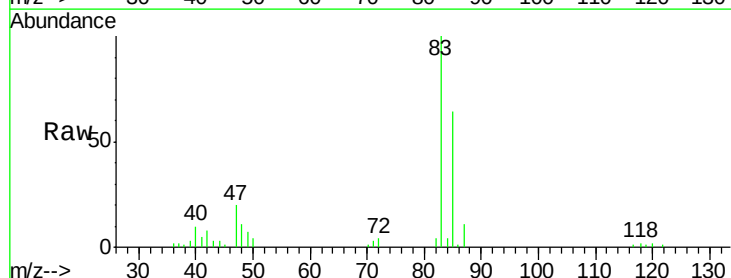
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

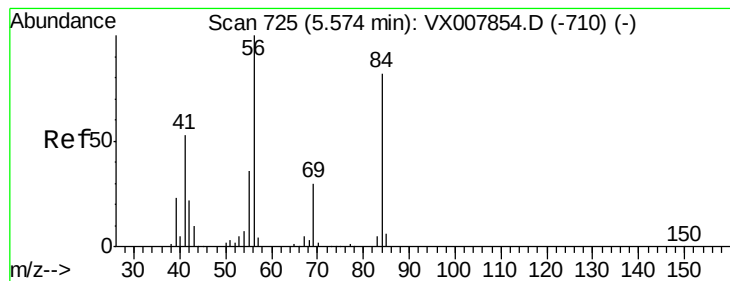
Tgt Ion: 42 Resp: 41844
Ion Ratio Lower Upper
42 100
72 41.8 33.8 50.6
71 39.3 31.5 47.3



#30
Chloroform
Concen: 5.169 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 83 Resp: 26692
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6





#31

Cyclohexane

Concen: 4.978 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

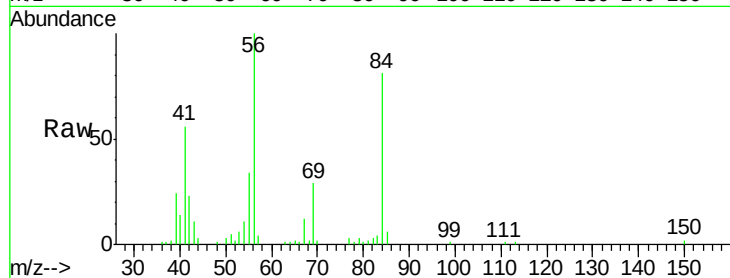
Tgt Ion: 56 Resp: 24976

Ion Ratio Lower Upper

56 100

69 28.9 24.0 36.0

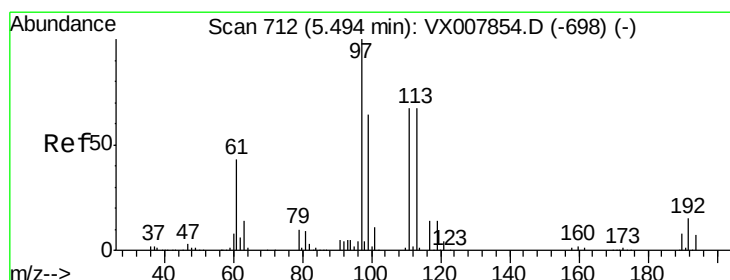
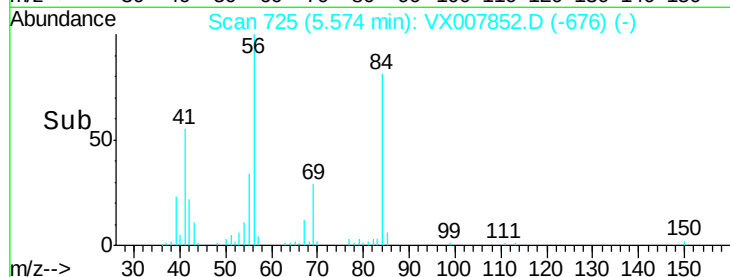
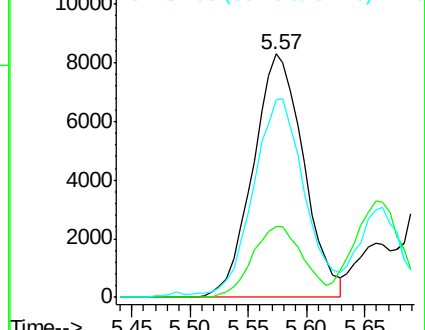
84 80.0 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 5.000 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

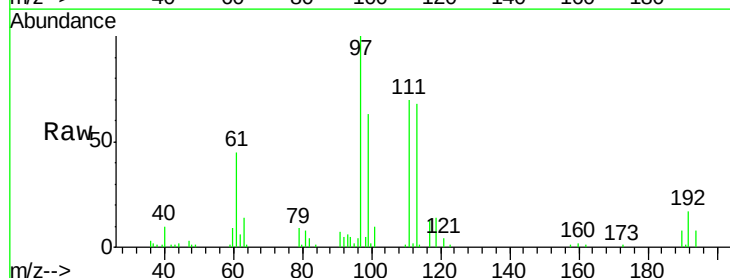
Tgt Ion: 97 Resp: 21424

Ion Ratio Lower Upper

97 100

99 64.4 52.2 78.2

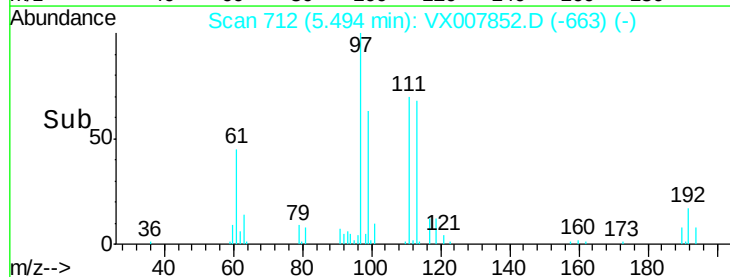
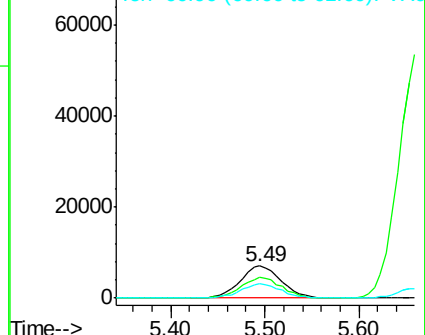
61 43.8 34.9 52.3

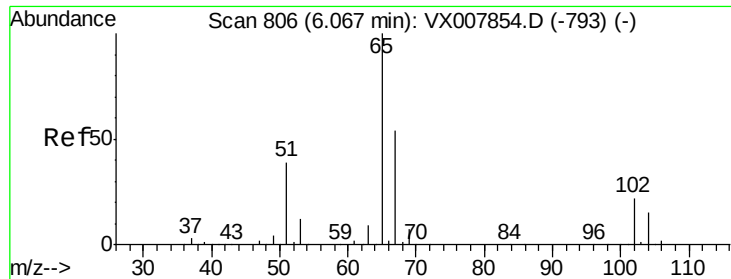


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 5.350 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

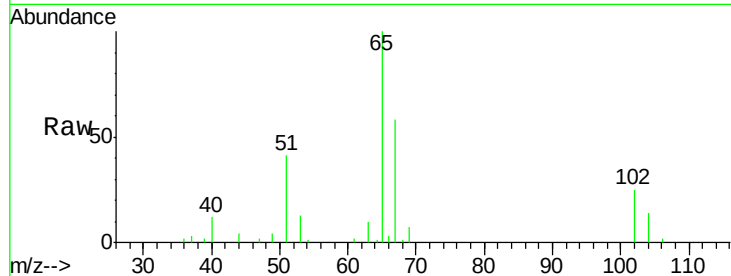
VSTDIC005

Tgt Ion: 65 Resp: 17470

Ion Ratio Lower Upper

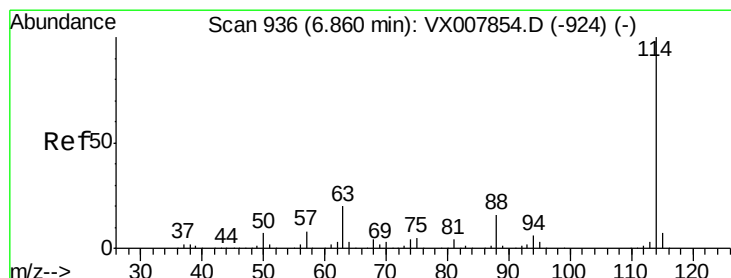
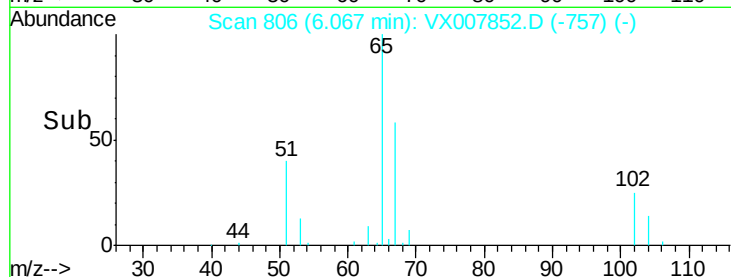
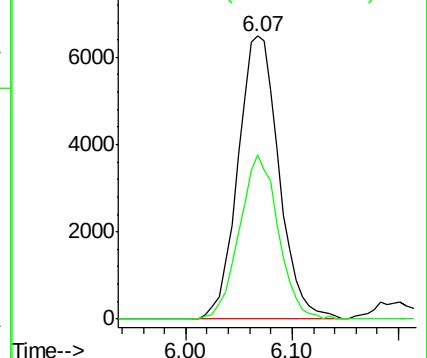
65 100

67 55.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

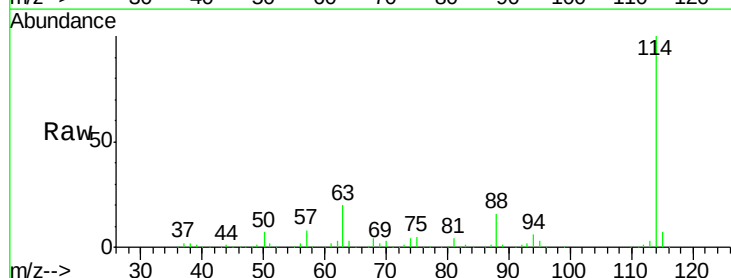
Tgt Ion: 114 Resp: 450486

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

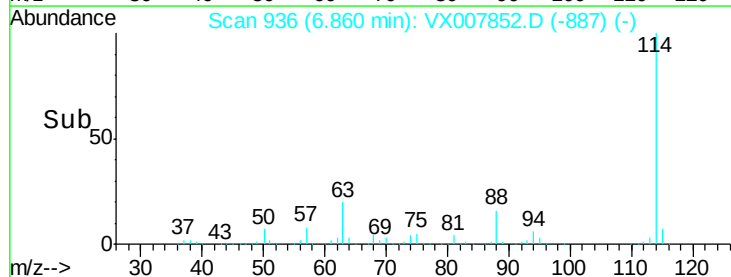
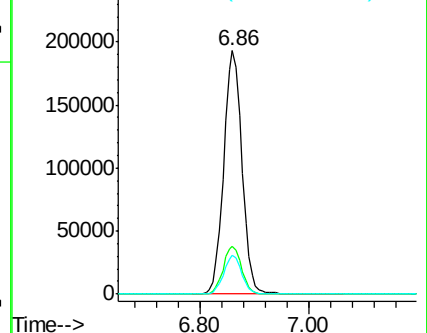
88 16.0 0.0 31.4

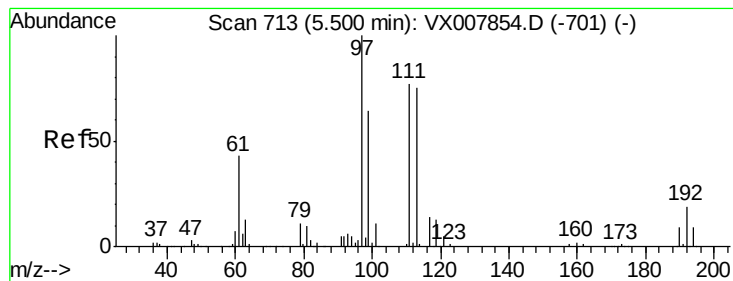


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.228 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

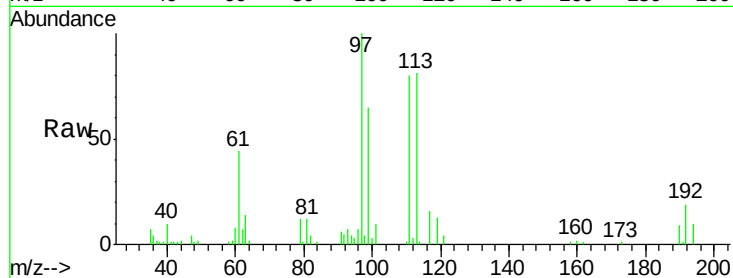
Tgt Ion:113 Resp: 15066

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

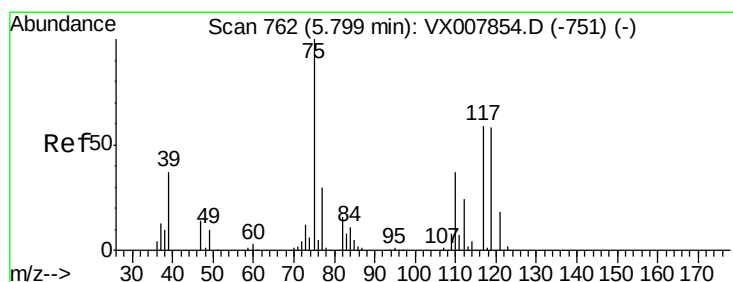
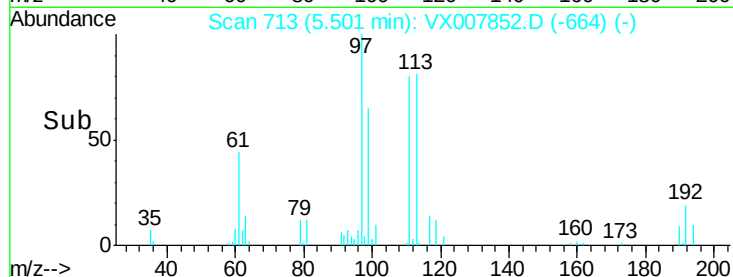
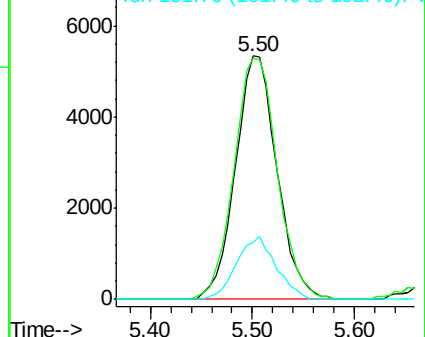
192 24.5 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.891 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

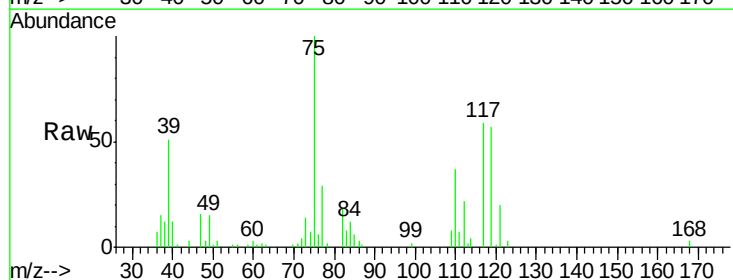
Tgt Ion: 75 Resp: 19950

Ion Ratio Lower Upper

75 100

110 36.9 18.4 55.0

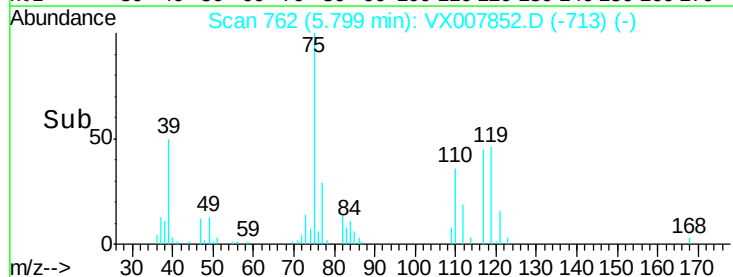
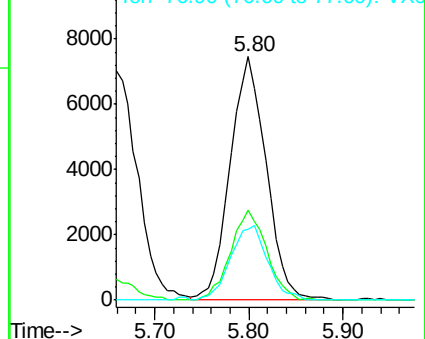
77 31.4 25.0 37.4

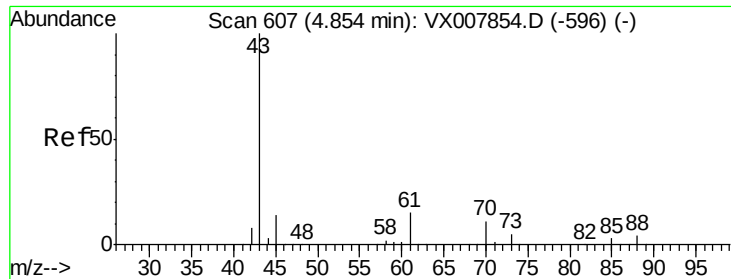


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

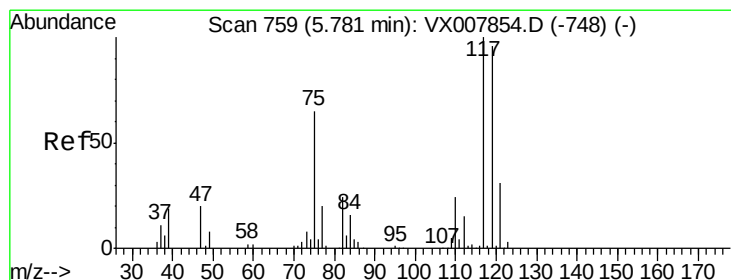
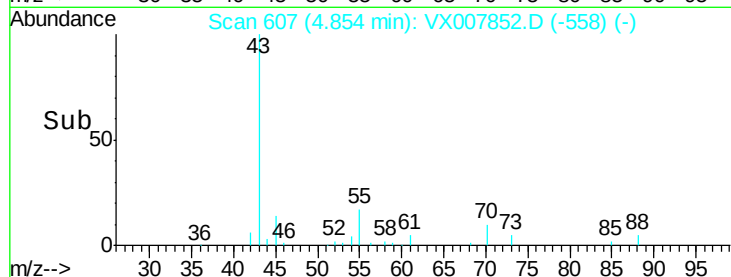
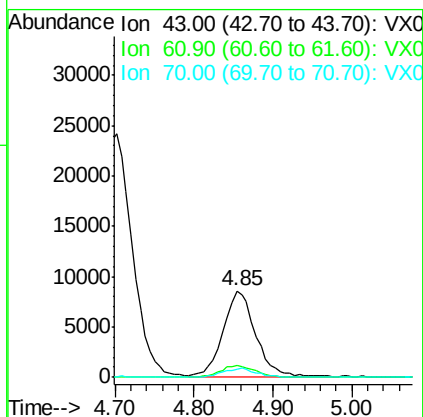
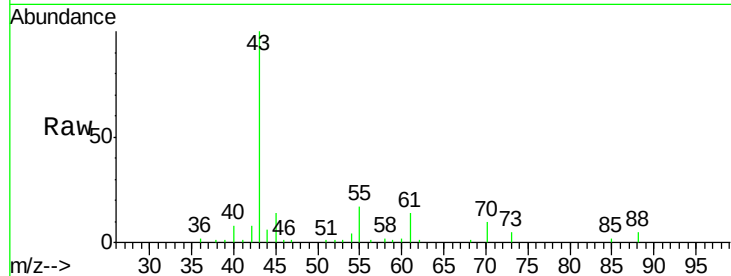




#37
Ethyl Acetate
Concen: 5.017 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

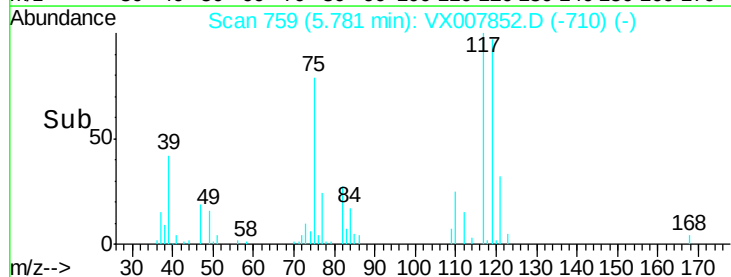
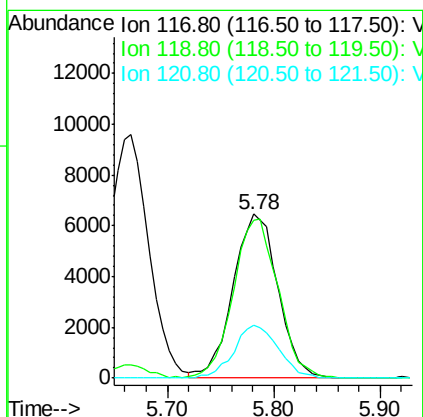
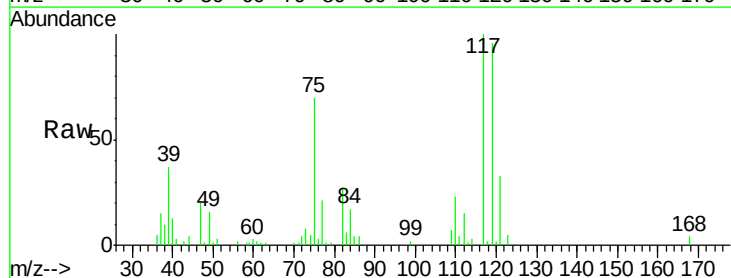
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

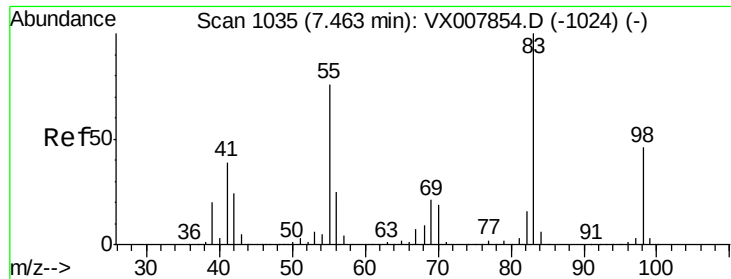
Tgt Ion: 43 Resp: 24285
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 4.932 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 117 Resp: 19099
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
121 32.5 24.6 36.8

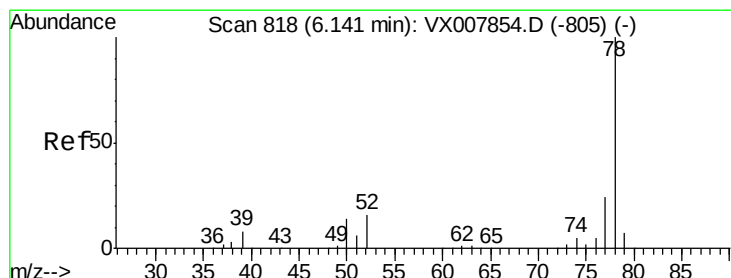
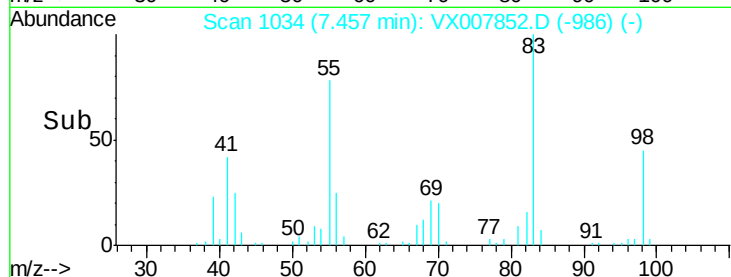
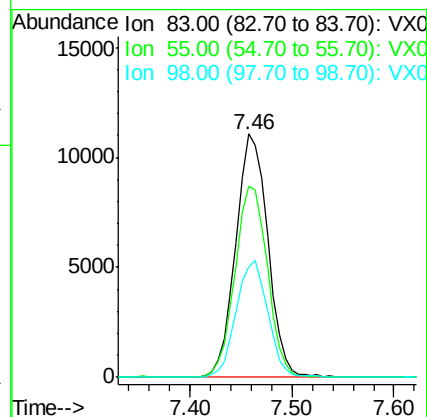
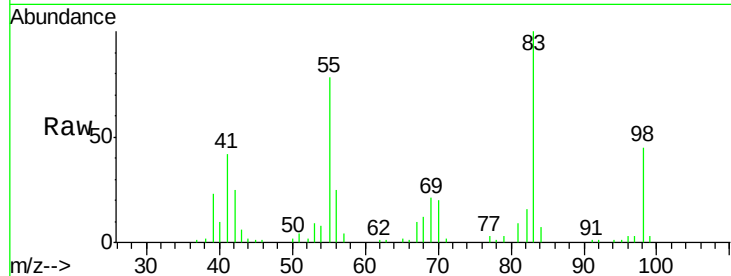




#39
Methylcyclohexane
Concen: 4.889 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

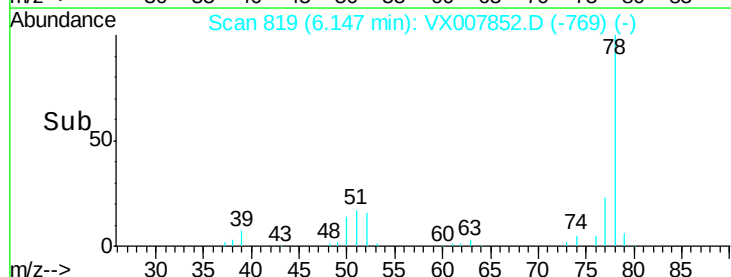
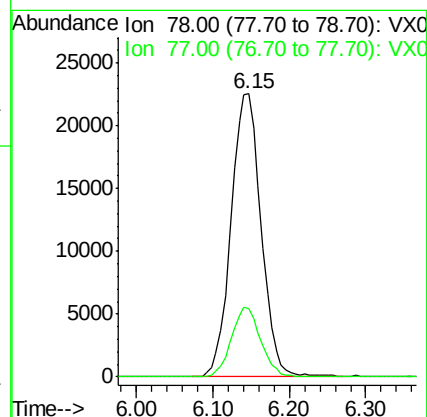
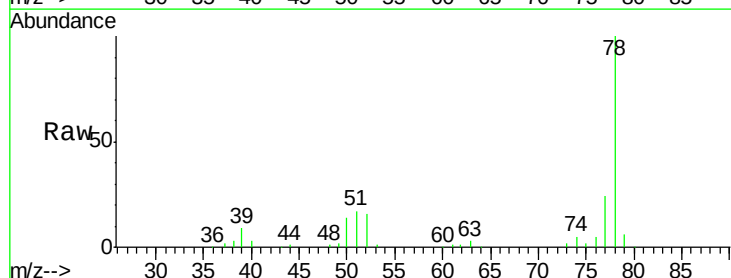
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

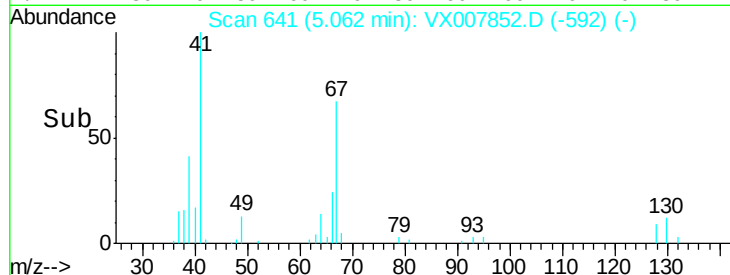
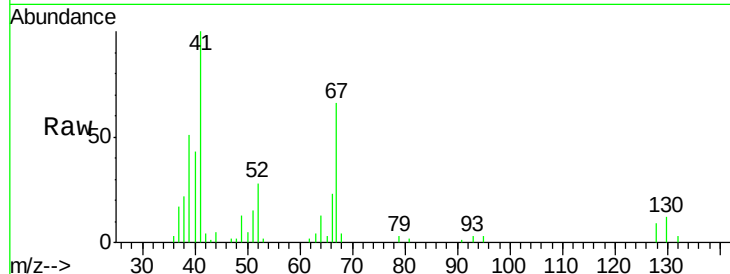
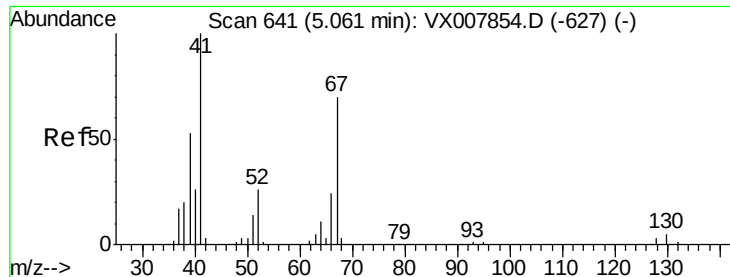
Tgt Ion: 83 Resp: 24166
Ion Ratio Lower Upper
83 100
55 78.3 60.4 90.6
98 45.5 36.5 54.7



#40
Benzene
Concen: 5.044 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 78 Resp: 61257
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

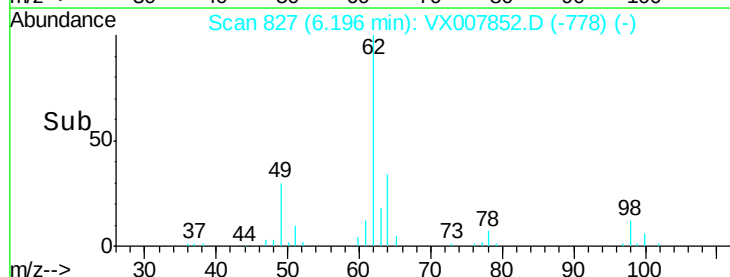
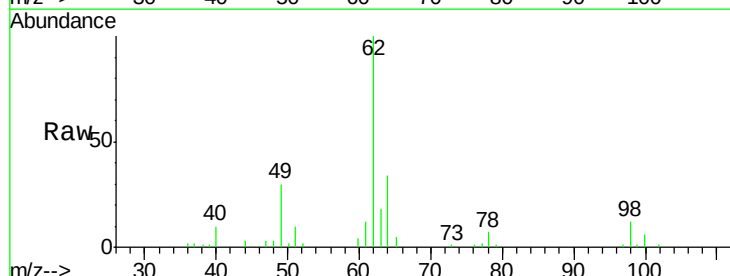
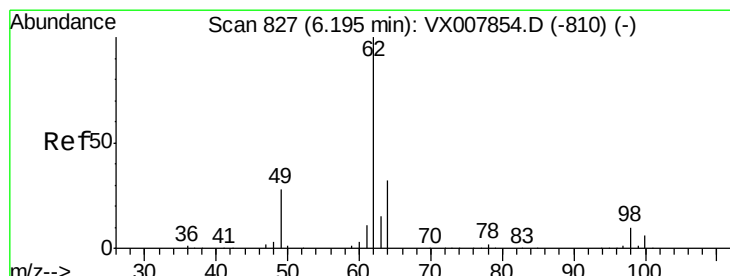
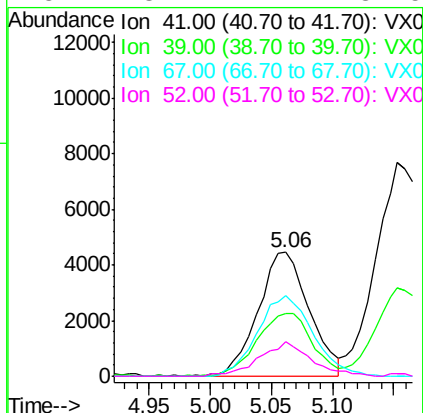




#41
Methacrylonitrile
Concen: 4.921 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

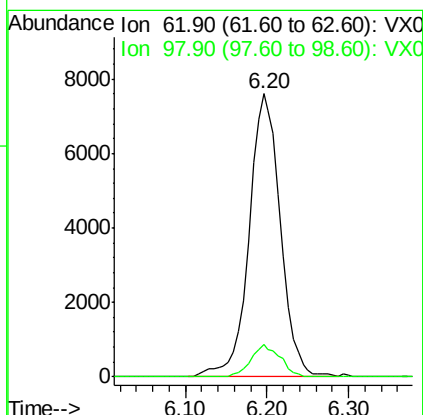
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

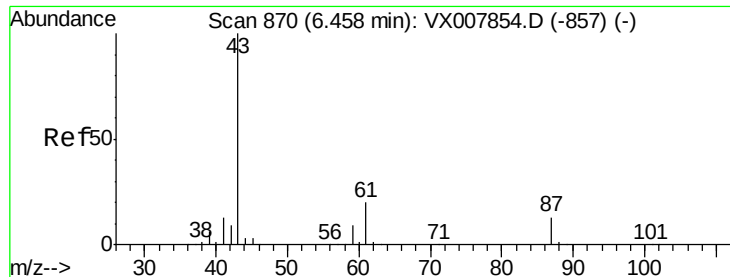
Tgt Ion:	41	Resp:	12987
Ion	Ratio	Lower	Upper
41	100		
39	54.8	41.6	62.4
67	69.8	55.8	83.6
52	28.1	21.7	32.5



#42
1,2-Dichloroethane
Concen: 5.140 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion:	62	Resp:	20413
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 4.921 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

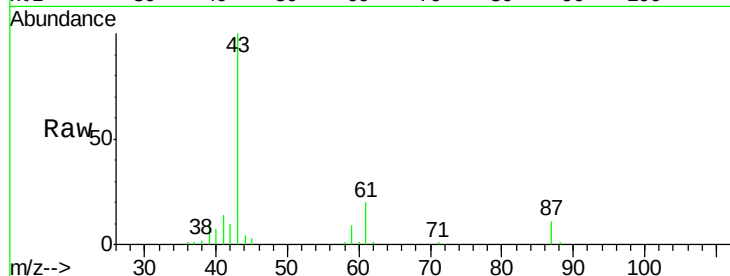
Tgt Ion: 43 Resp: 35250

Ion Ratio Lower Upper

43 100

61 19.6 16.3 24.5

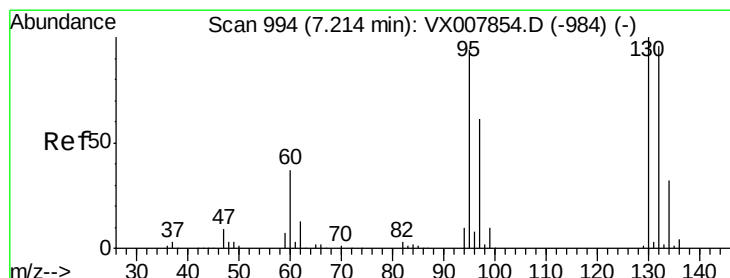
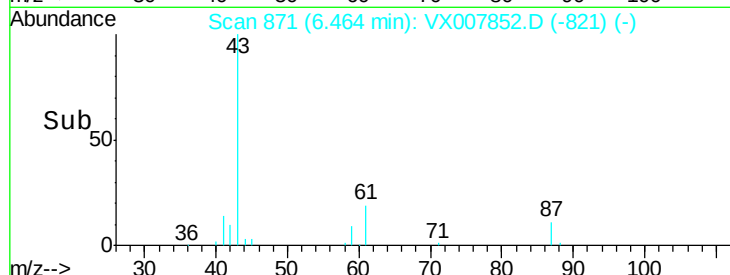
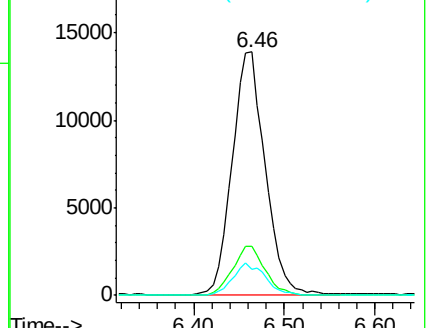
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.876 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007852.D

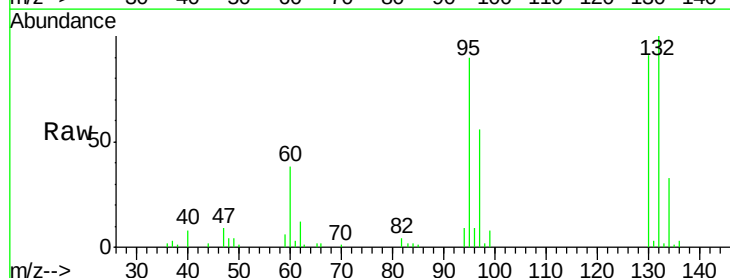
Acq: 06 Mar 2019 10:07

Tgt Ion: 130 Resp: 16317

Ion Ratio Lower Upper

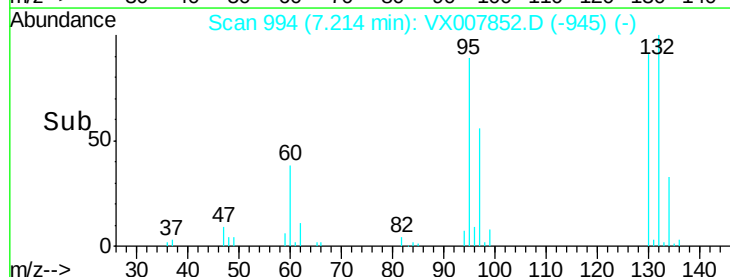
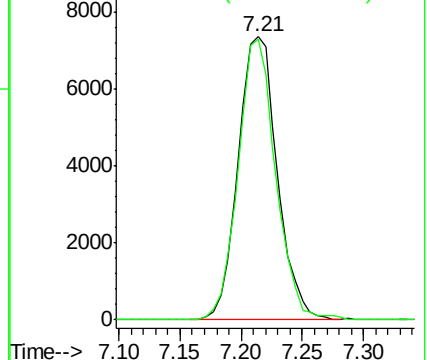
130 100

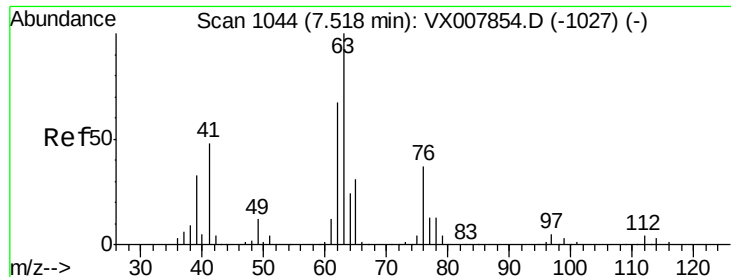
95 99.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

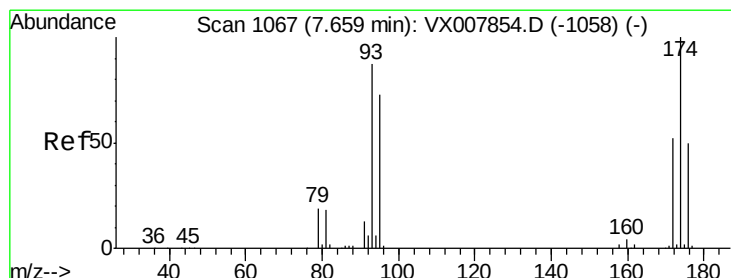
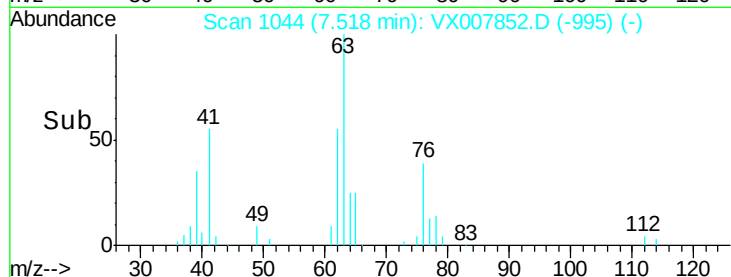
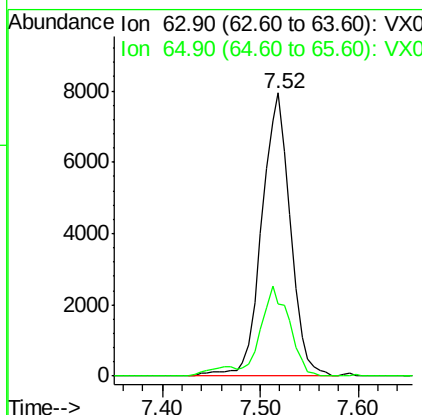
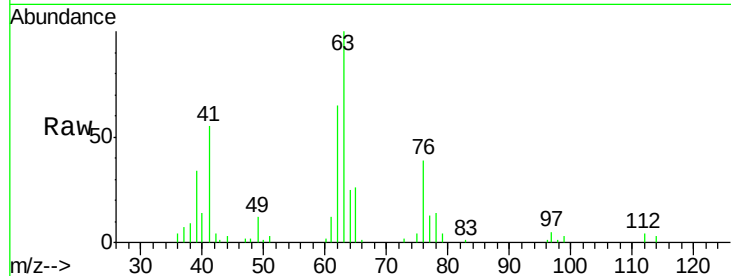




#45
 1,2-Dichloropropane
 Concen: 5.081 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

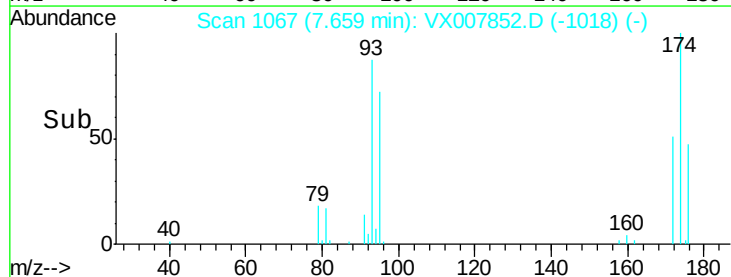
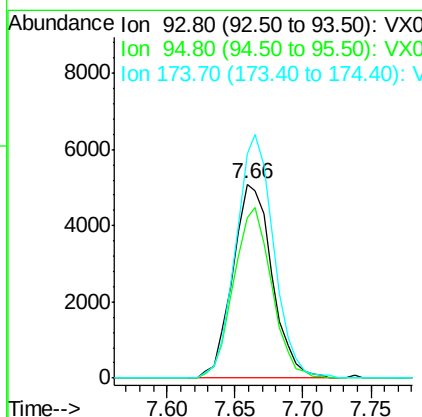
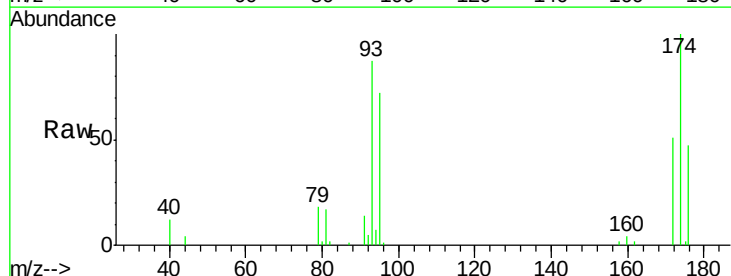
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

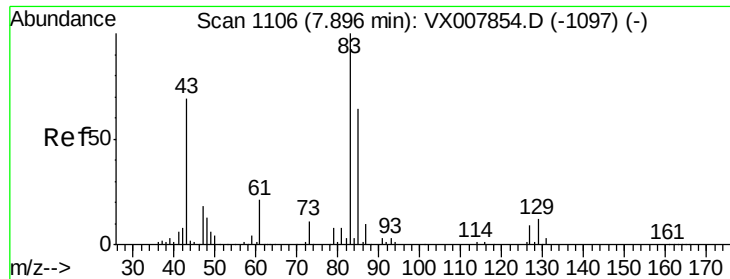
Tgt Ion: 63 Resp: 16295
 Ion Ratio Lower Upper
 63 100
 65 25.6 24.7 37.1



#46
 Dibromomethane
 Concen: 5.060 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion: 93 Resp: 10271
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.8 100.2
 174 120.7 97.3 145.9





#47

Bromodichloromethane

Concen: 4.960 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

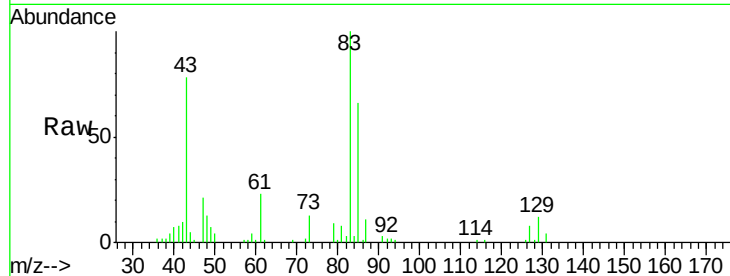
Tgt Ion: 83 Resp: 19087

Ion Ratio Lower Upper

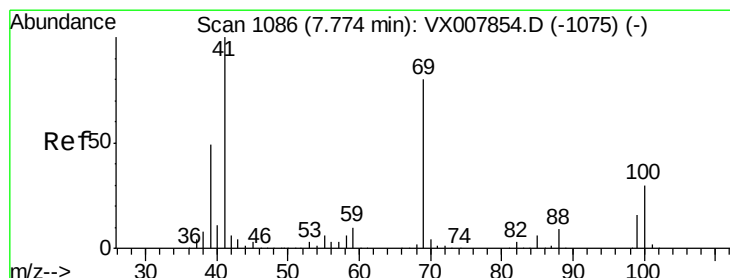
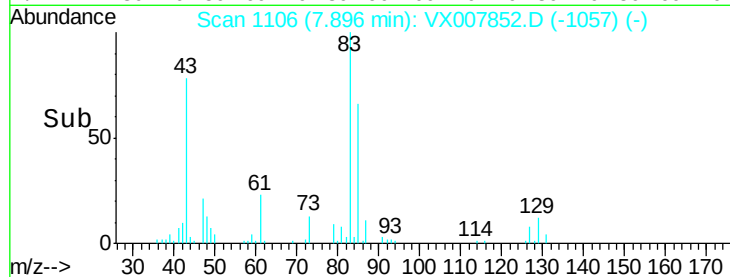
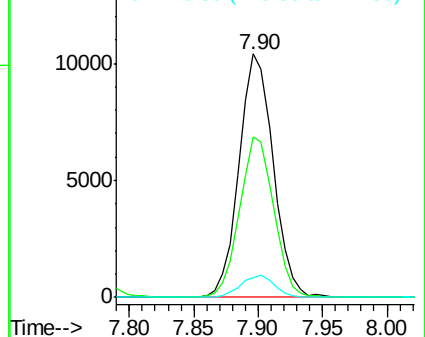
83 100

85 66.0 50.9 76.3

127 8.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.776 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

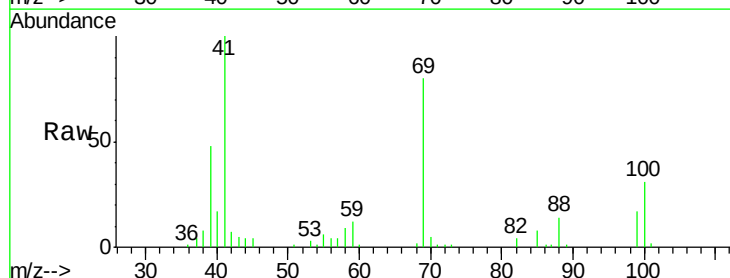
Tgt Ion: 41 Resp: 17990

Ion Ratio Lower Upper

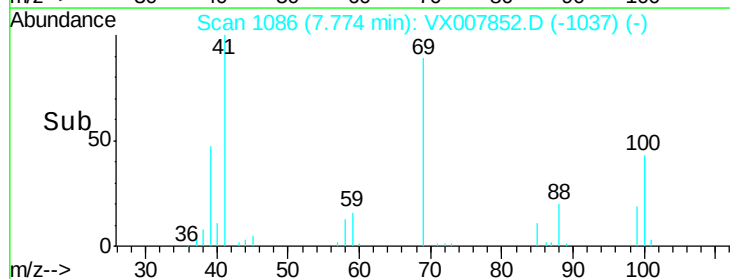
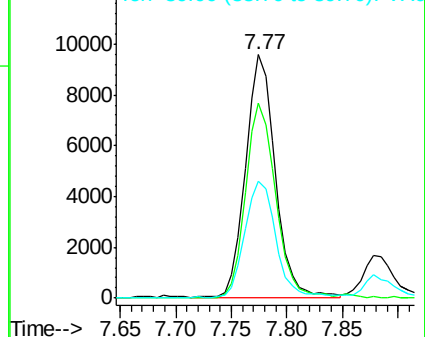
41 100

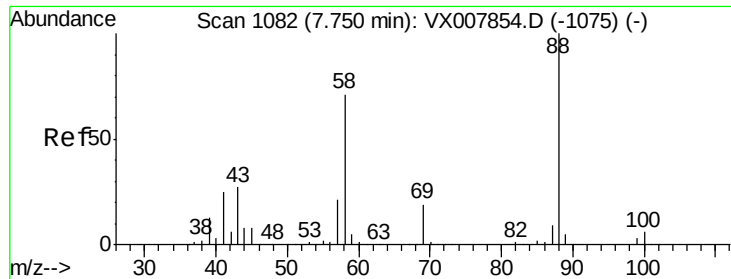
69 80.4 65.2 97.8

39 50.4 39.4 59.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

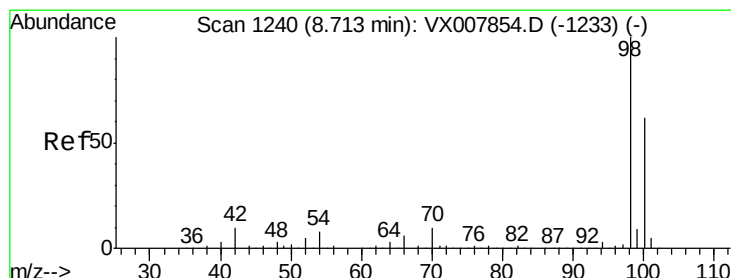
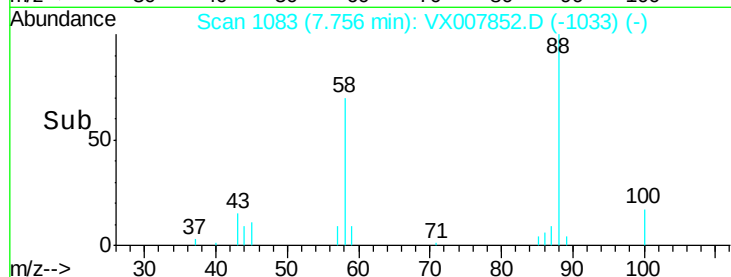
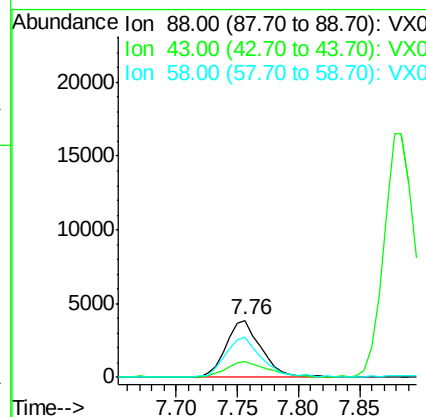
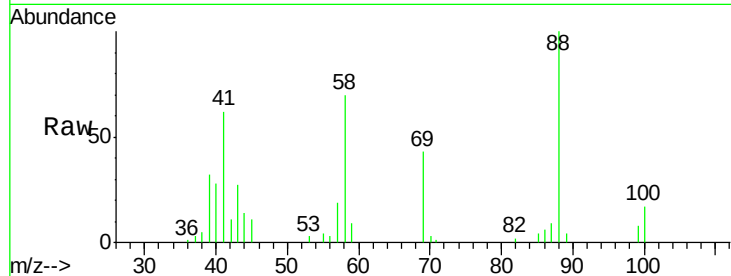




#49
1,4-Dioxane
Concen: 99.377 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

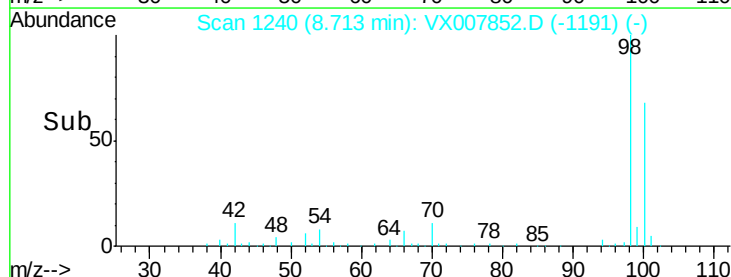
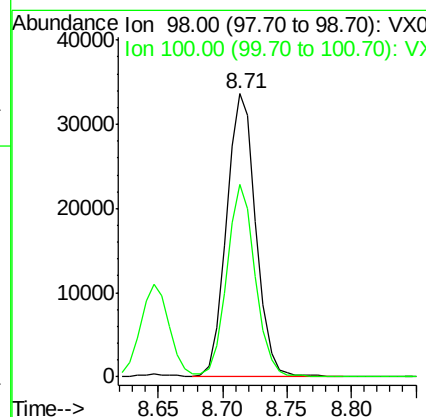
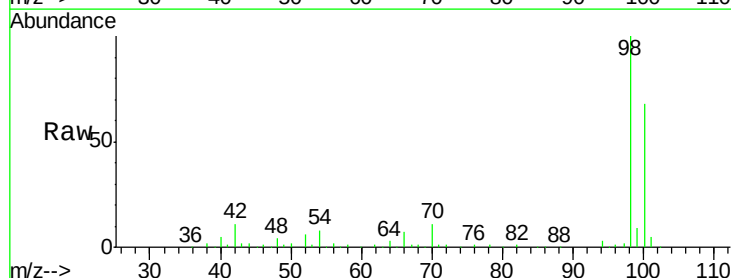
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

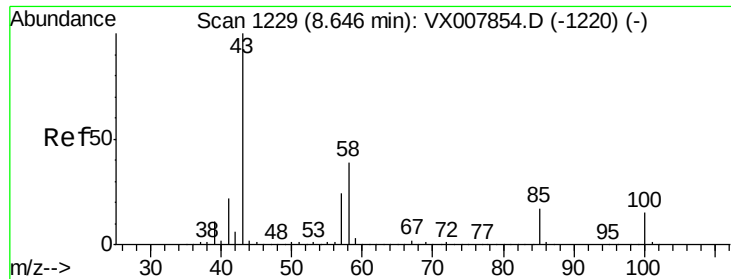
Tgt Ion: 88 Resp: 7689
Ion Ratio Lower Upper
88 100
43 34.1 25.1 37.7
58 73.4 57.8 86.6



#50
Toluene-d8
Concen: 5.041 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 98 Resp: 53353
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5

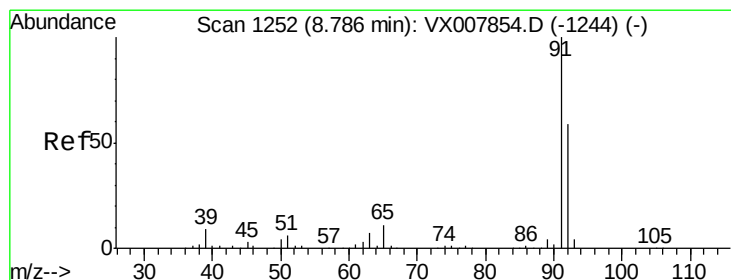
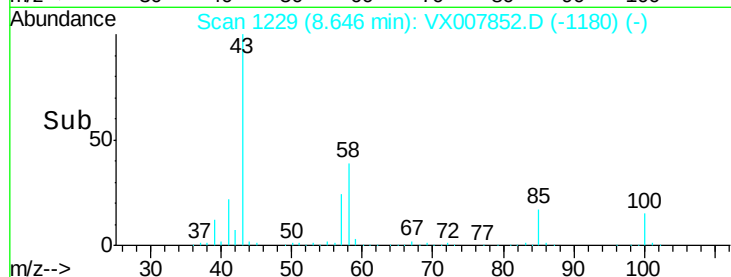
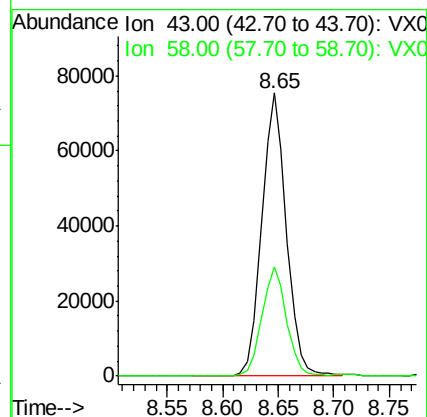
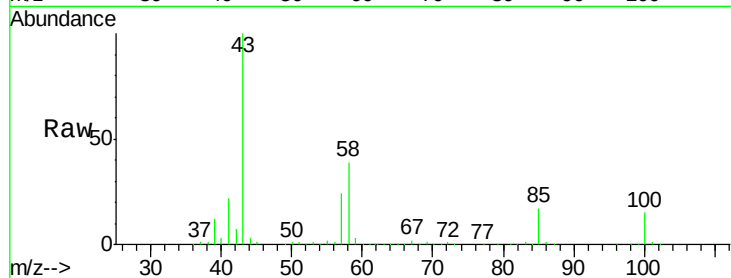




#51
 4-Methyl-2-Pentanone
 Concen: 25.203 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

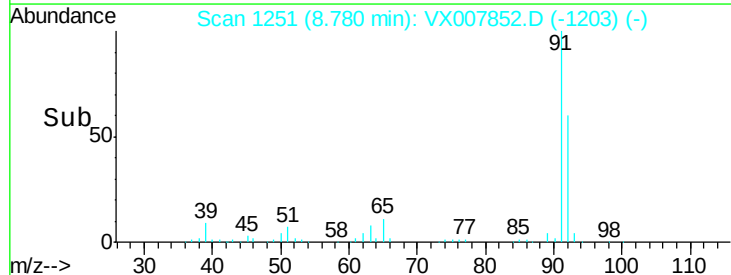
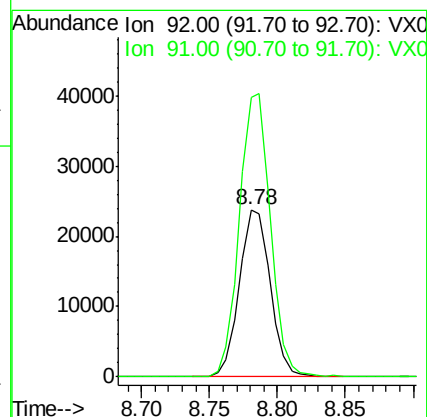
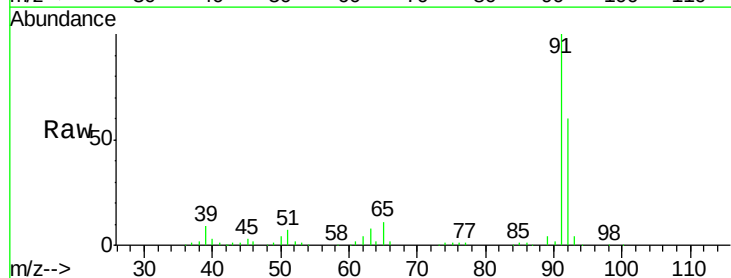
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

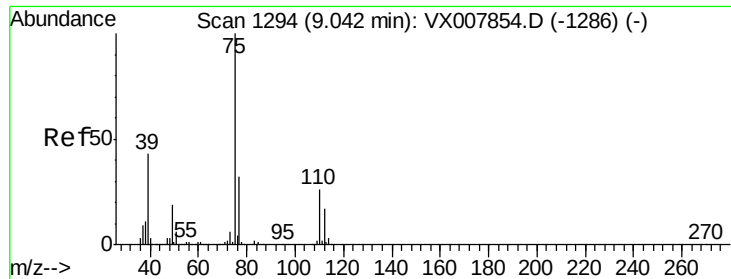
Tgt Ion: 43 Resp: 116114
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.3 46.9



#52
 Toluene
 Concen: 5.092 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion: 92 Resp: 37753
 Ion Ratio Lower Upper
 92 100
 91 170.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 4.530 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

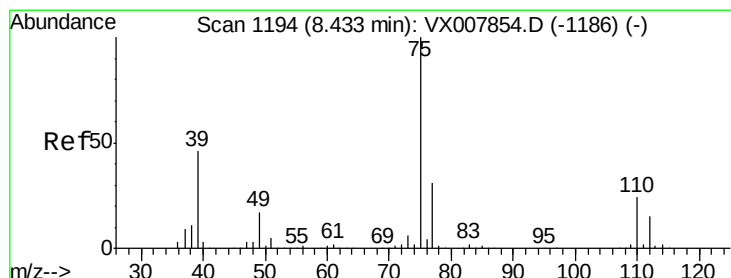
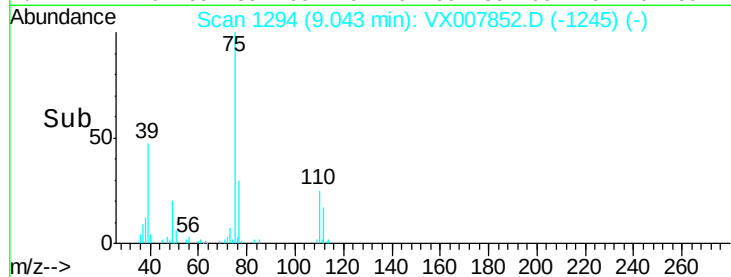
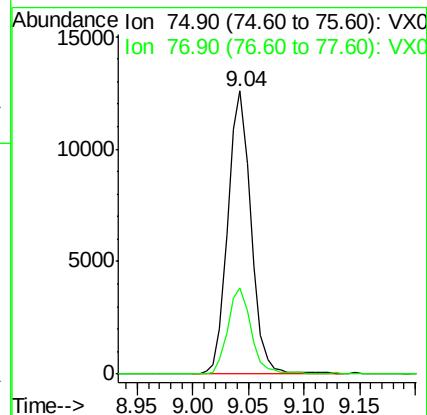
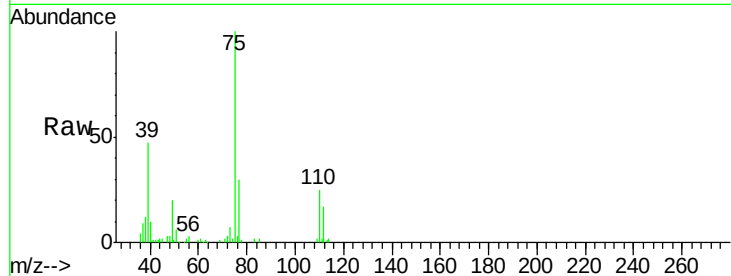
VSTDIC005

Tgt Ion: 75 Resp: 18197

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 4.724 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

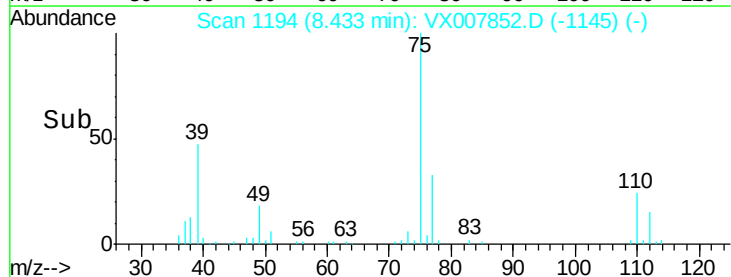
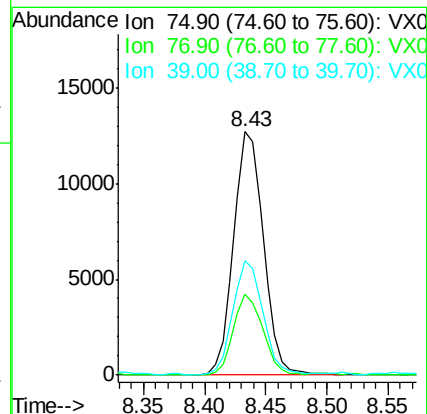
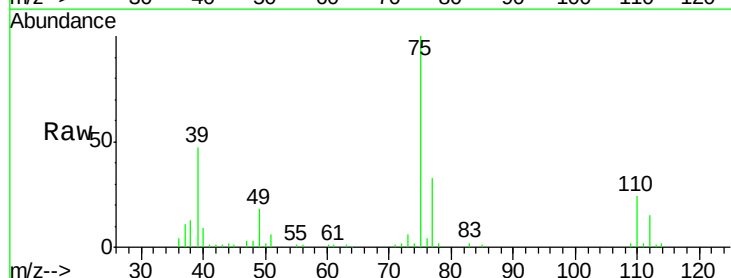
Tgt Ion: 75 Resp: 21428

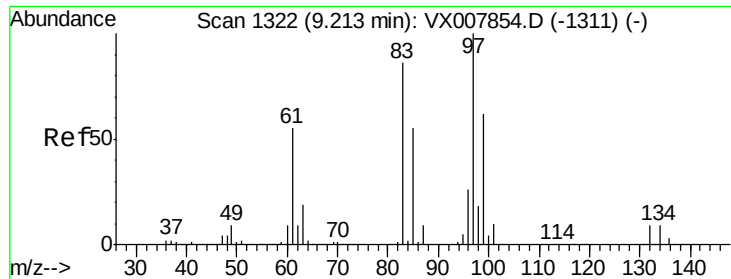
Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.6

39 47.1 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 5.261 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 15791

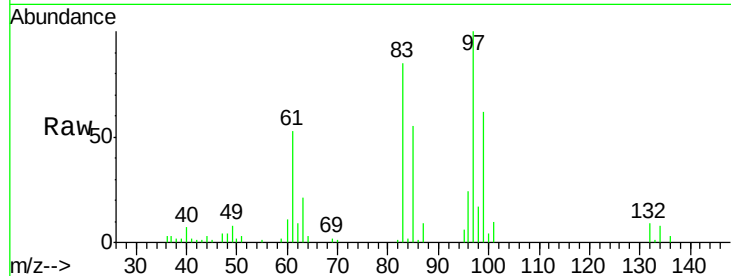
Ion Ratio Lower Upper

97 100

83 84.6 69.1 103.7

85 55.2 44.3 66.5

99 61.8 49.8 74.8

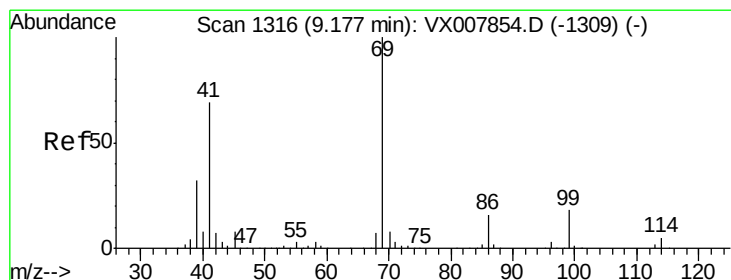
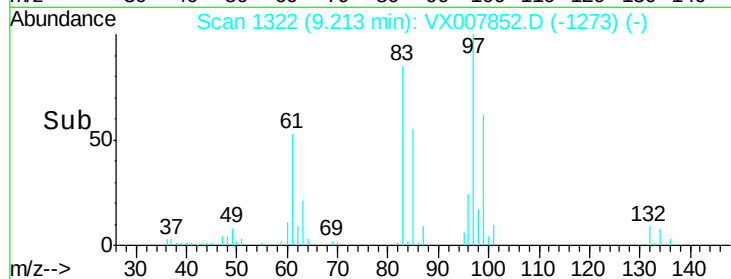
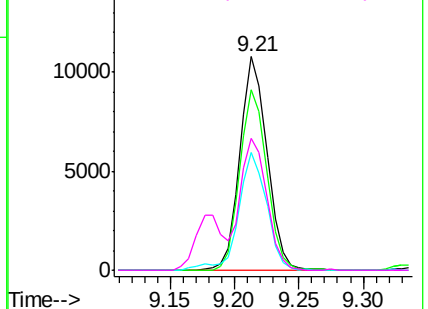


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 4.811 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

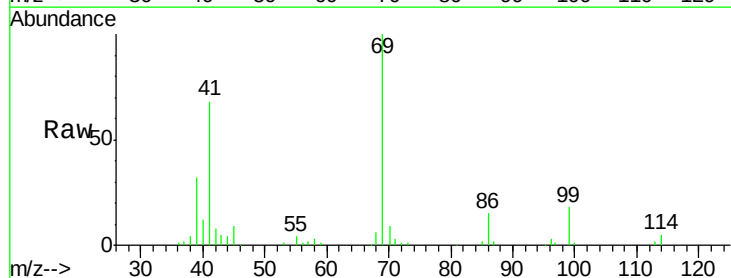
Tgt Ion: 69 Resp: 21681

Ion Ratio Lower Upper

69 100

41 69.4 54.2 81.4

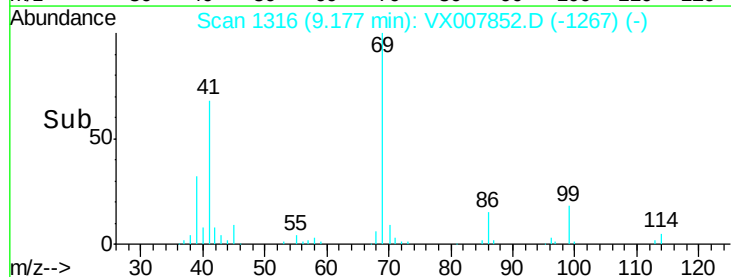
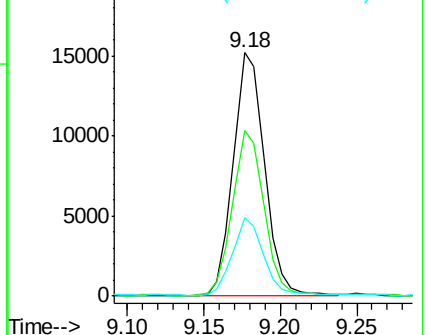
39 32.7 25.0 37.4

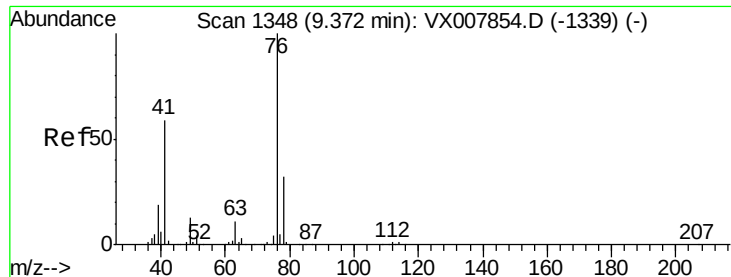


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.102 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

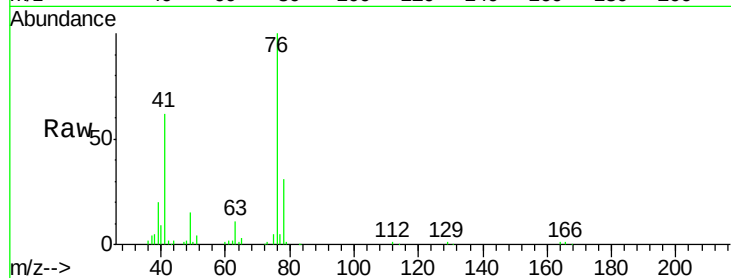
VSTDIC005

Tgt Ion: 76 Resp: 25712

Ion Ratio Lower Upper

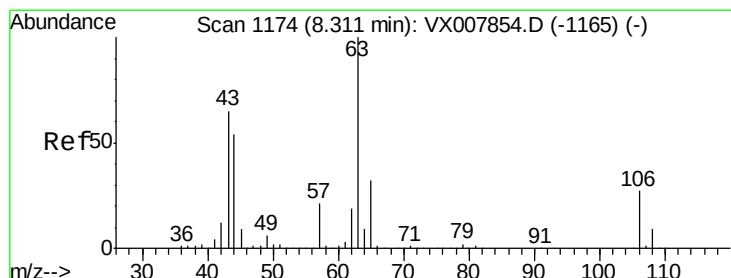
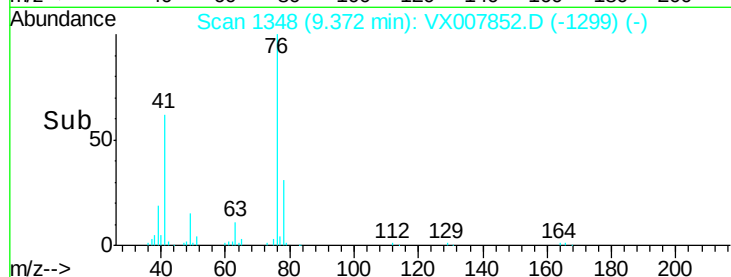
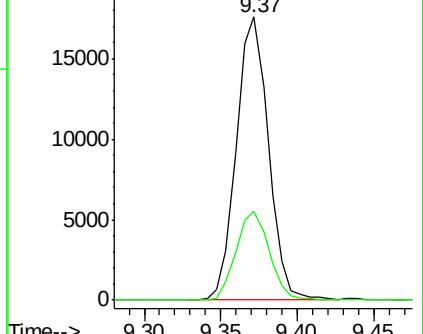
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 24.273 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007852.D

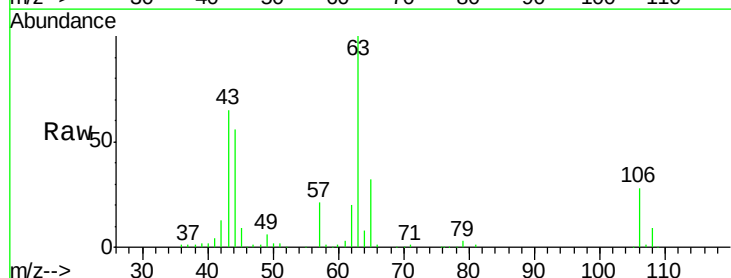
Acq: 06 Mar 2019 10:07

Tgt Ion: 63 Resp: 56580

Ion Ratio Lower Upper

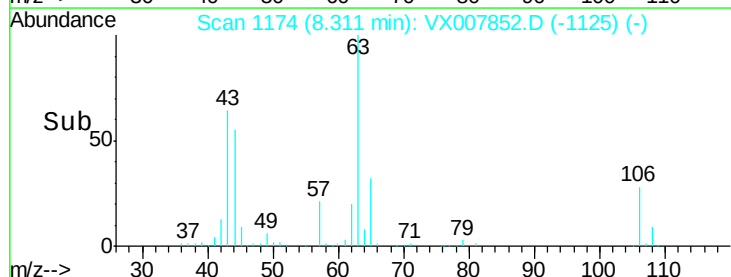
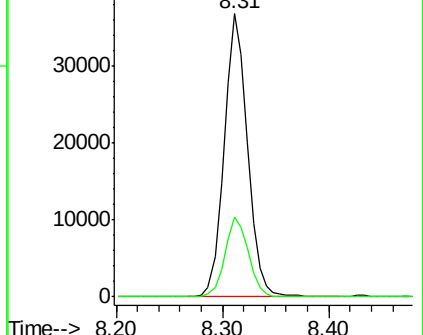
63 100

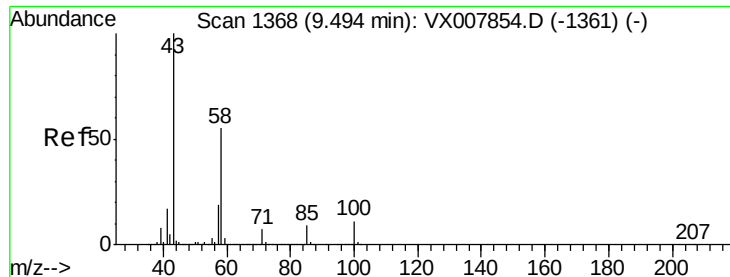
106 28.2 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

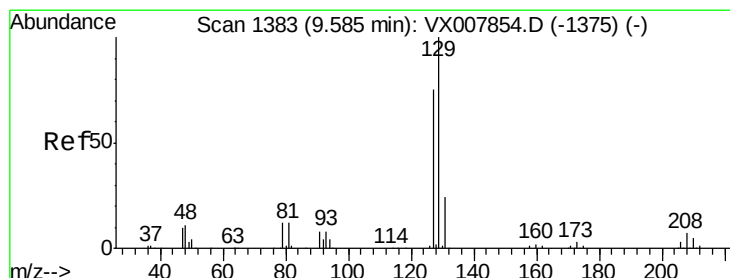
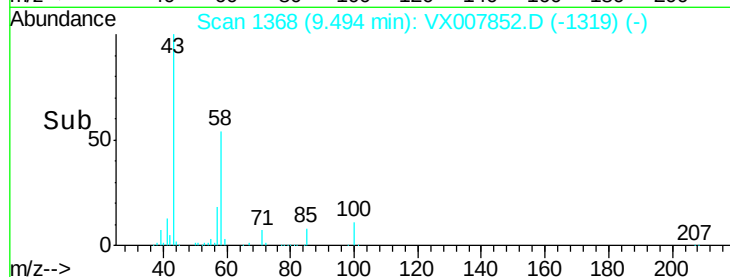
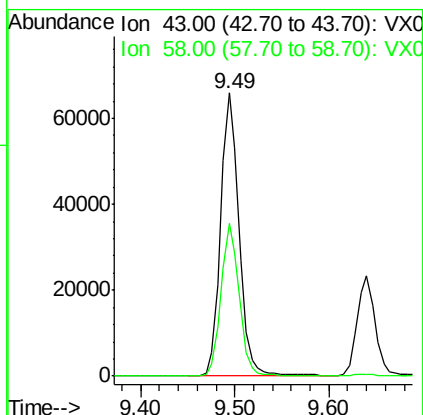
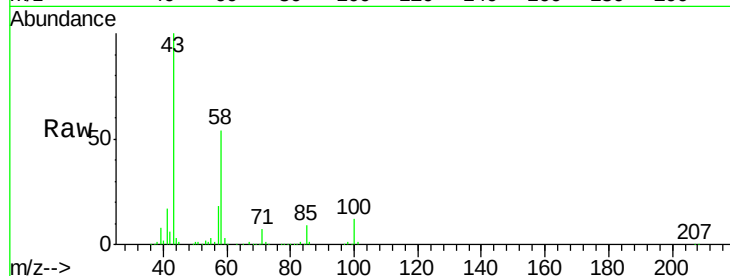




#59
2-Hexanone
Concen: 25.098 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

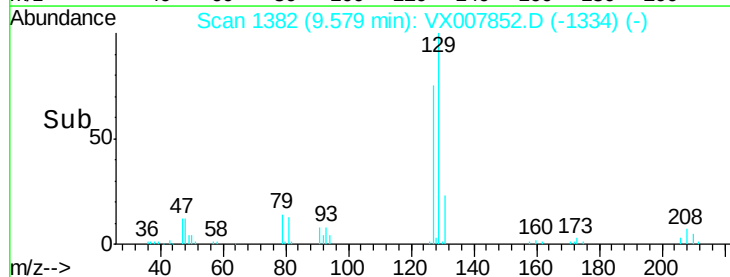
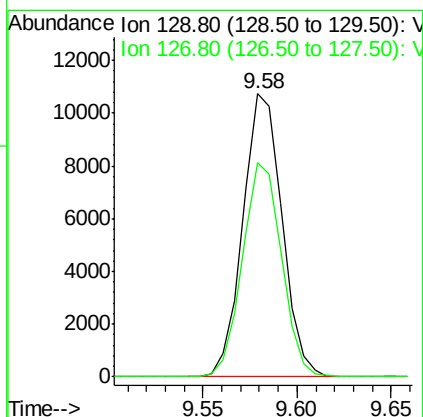
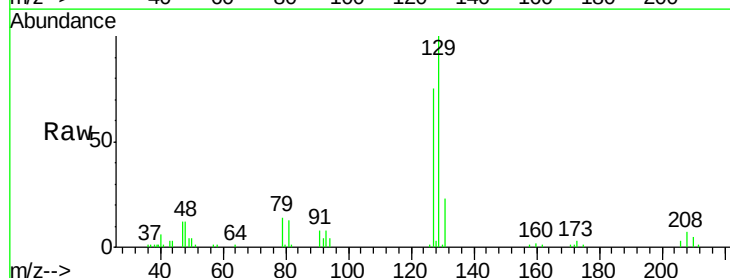
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

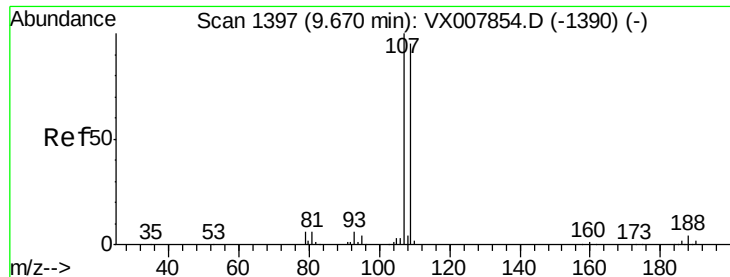
Tgt Ion: 43 Resp: 89772
Ion Ratio Lower Upper
43 100
58 53.2 27.6 82.7



#60
Dibromochloromethane
Concen: 4.934 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 129 Resp: 15479
Ion Ratio Lower Upper
129 100
127 75.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 4.998 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

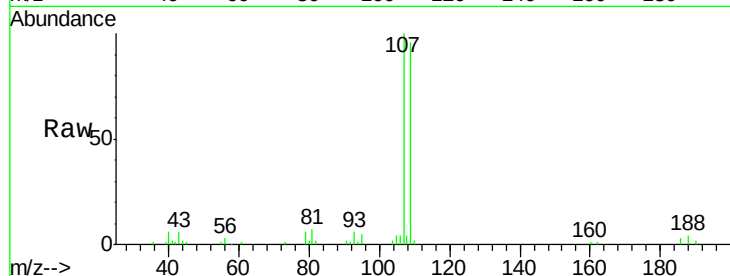
VSTDIC005

Tgt Ion: 107 Resp: 15925

Ion Ratio Lower Upper

107 100

109 95.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

12000

10000

8000

6000

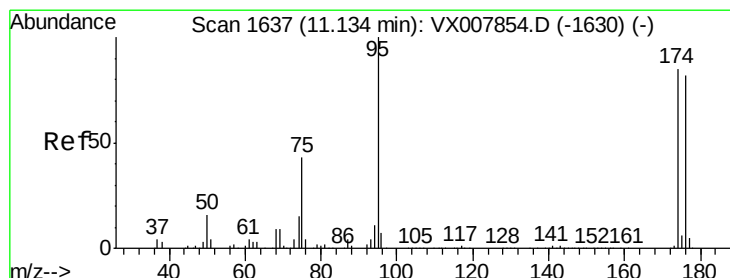
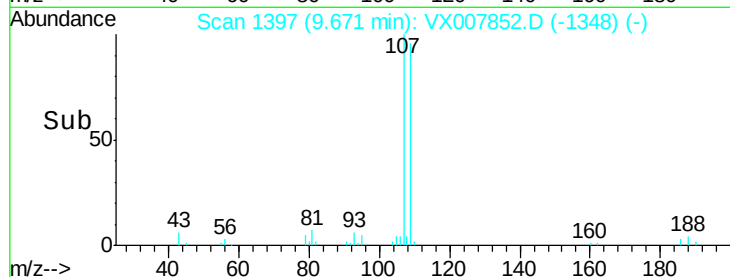
4000

2000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 4.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

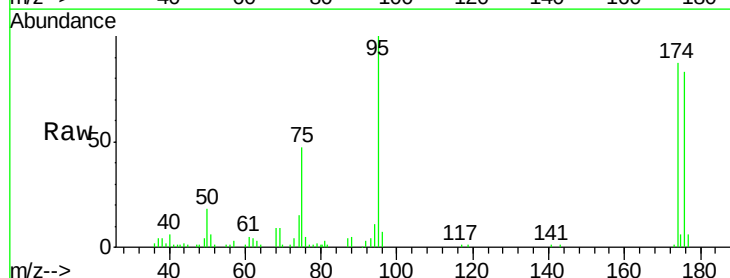
Tgt Ion: 95 Resp: 17322

Ion Ratio Lower Upper

95 100

174 95.1 0.0 182.8

176 92.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

15000

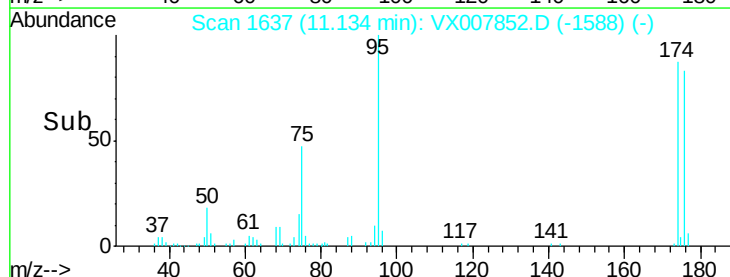
10000

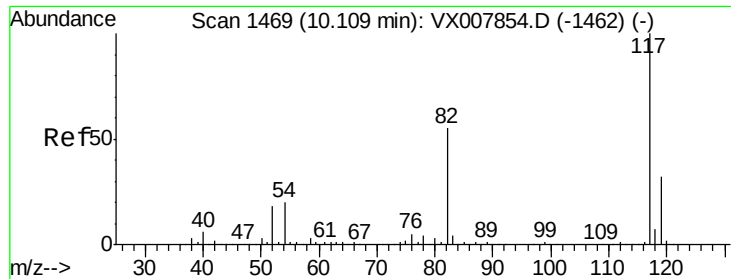
5000

0

Time-->

11.10 11.15 11.20

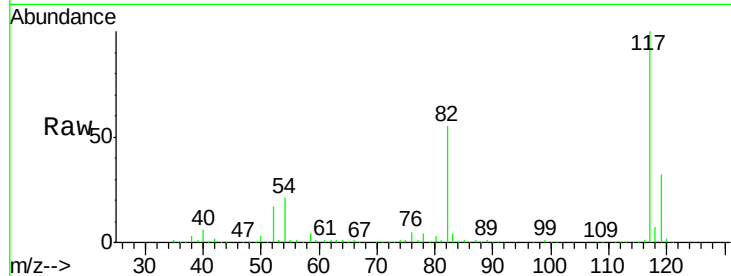




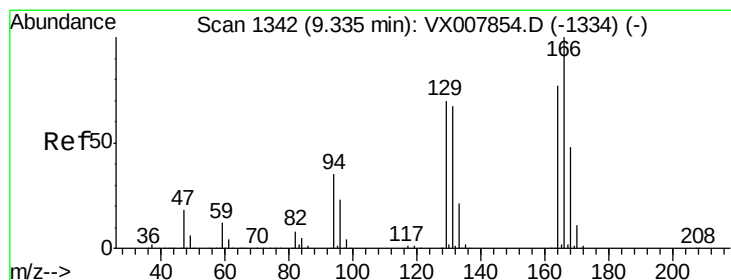
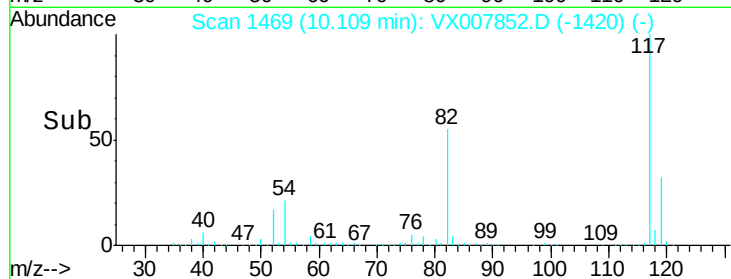
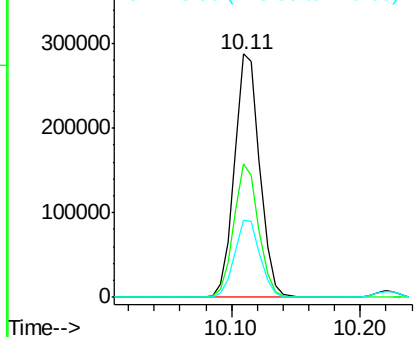
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 391914
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.7 25.3 37.9



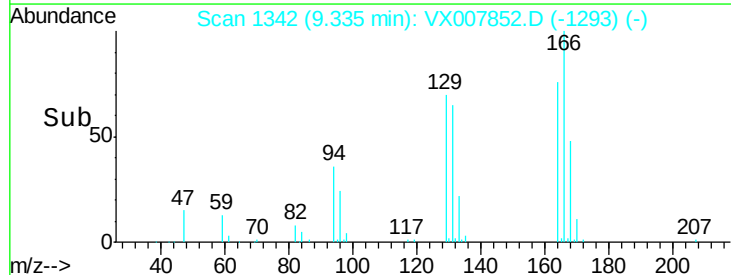
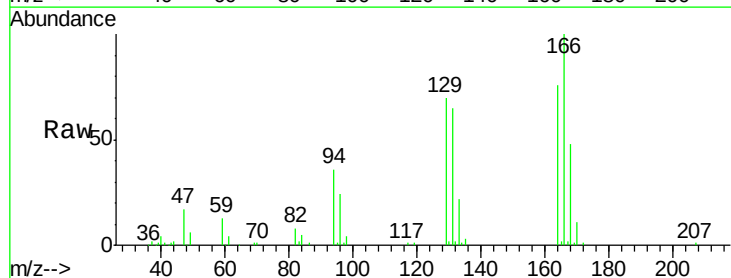
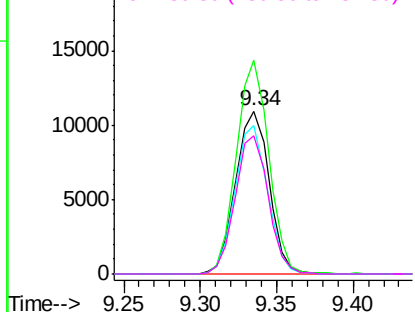
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

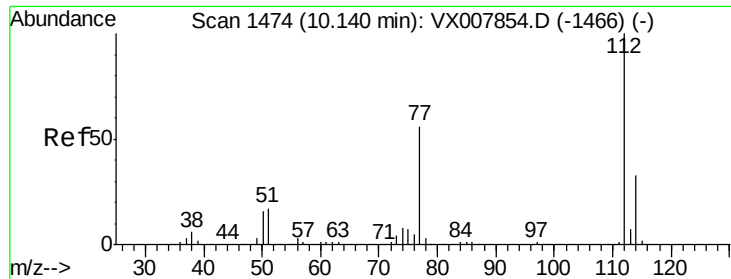


#64
Tetrachloroethene
Concen: 5.137 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion:164 Resp: 16684
Ion Ratio Lower Upper
164 100
166 131.2 103.4 155.0
129 91.2 72.2 108.4
131 84.9 69.4 104.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

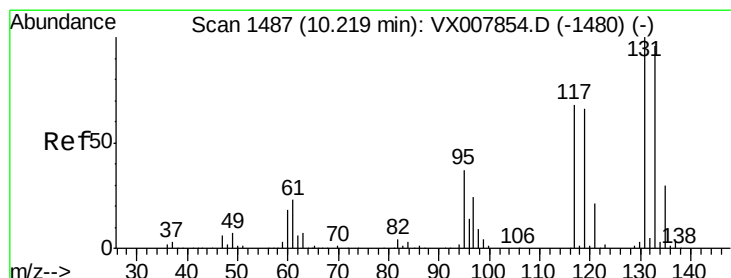
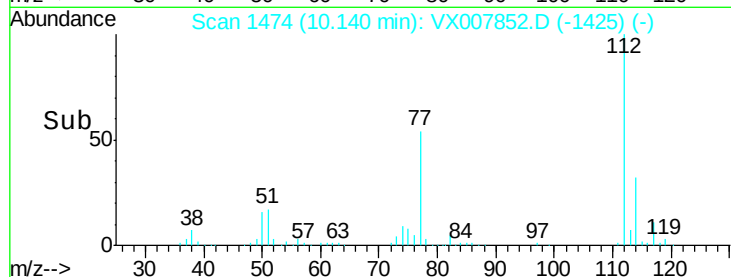
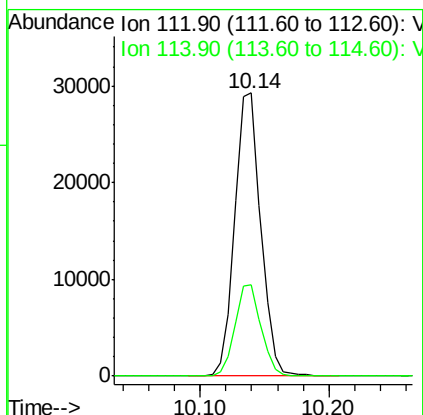
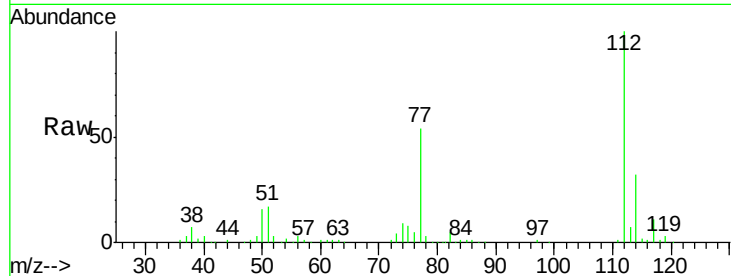




#65
Chlorobenzene
Concen: 5.030 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

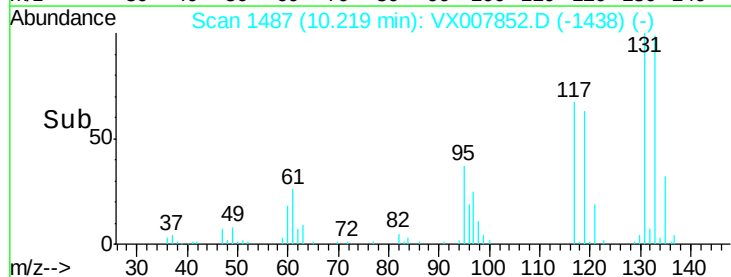
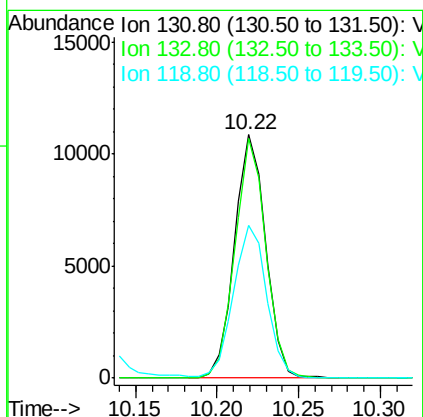
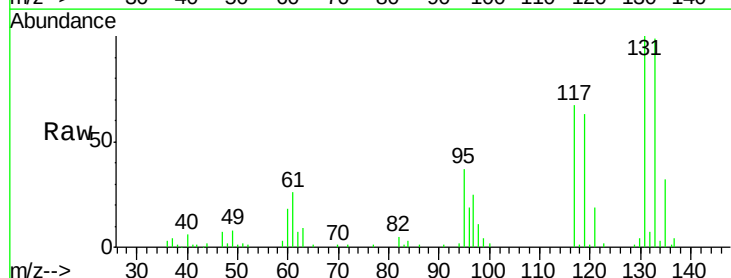
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

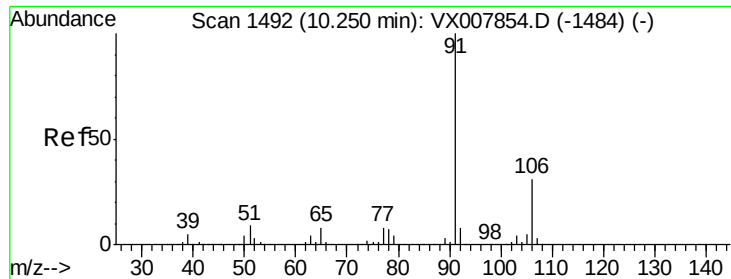
Tgt Ion:112 Resp: 41251
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.934 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion:131 Resp: 14501
Ion Ratio Lower Upper
131 100
133 96.8 47.8 143.3
119 66.9 32.5 97.5

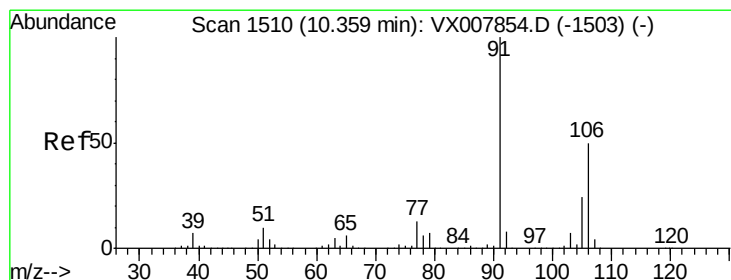
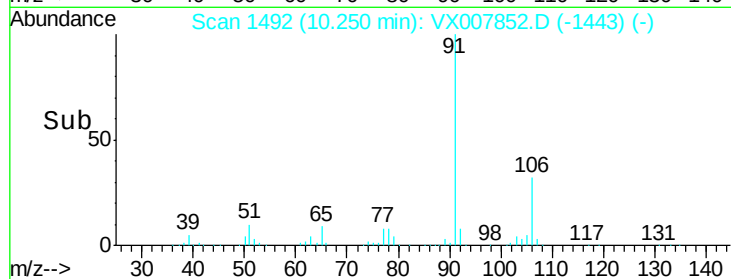
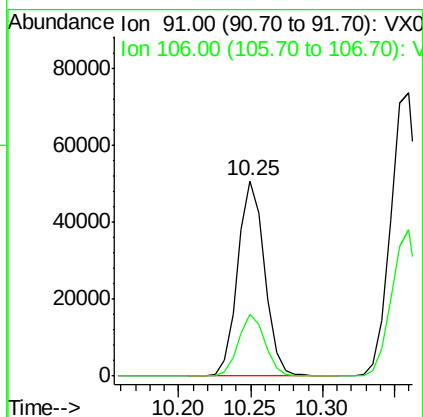
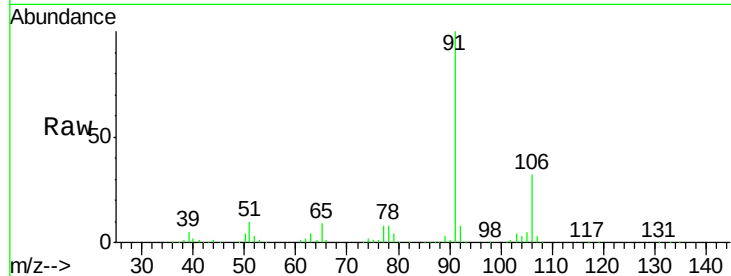




#67
Ethyl Benzene
Concen: 4.921 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

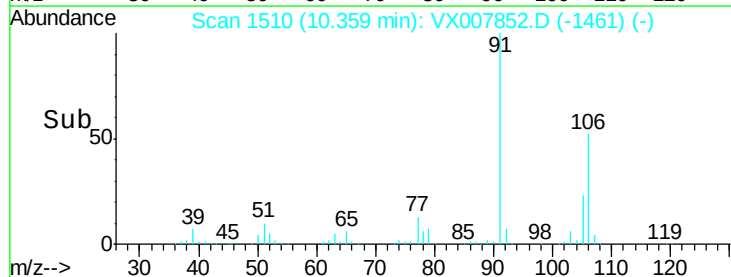
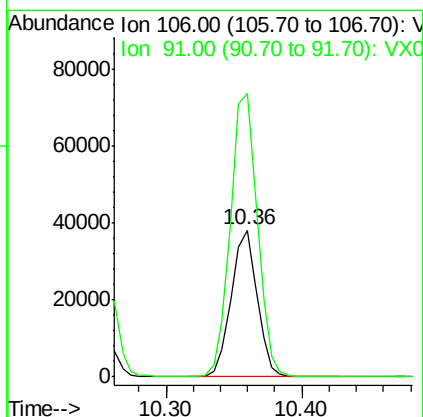
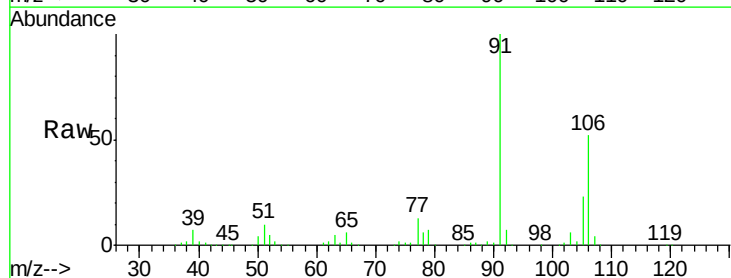
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

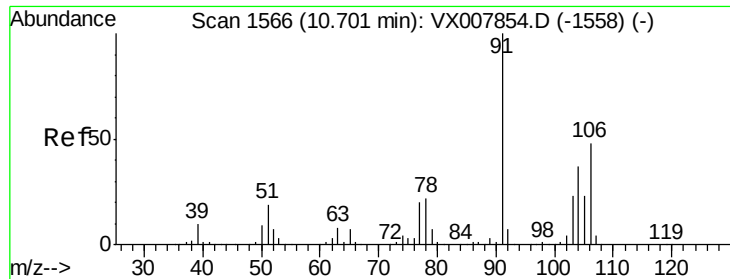
Tgt Ion: 91 Resp: 66436
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 9.812 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 106 Resp: 51059
Ion Ratio Lower Upper
106 100
91 200.8 159.8 239.6

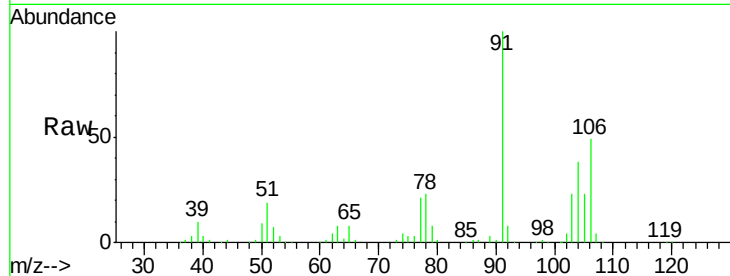




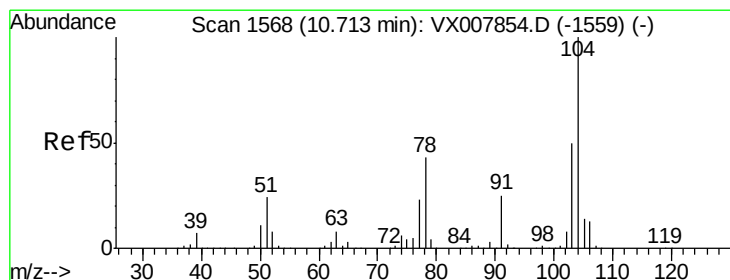
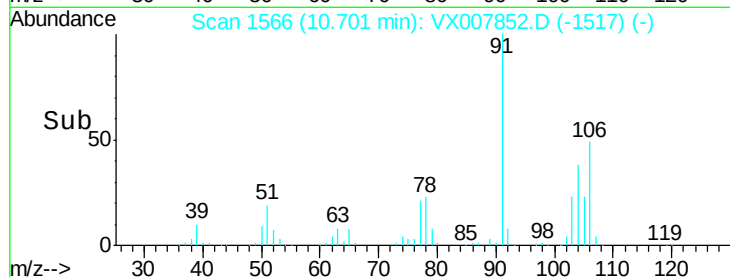
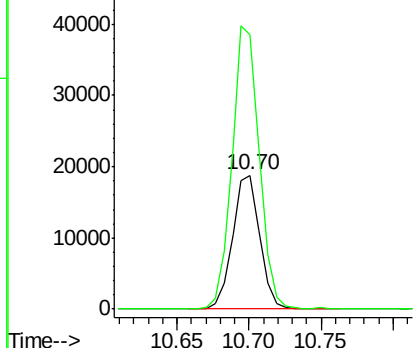
#69
o-Xylene
Concen: 4.937 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 24804
Ion Ratio Lower Upper
106 100
91 212.1 106.3 318.9

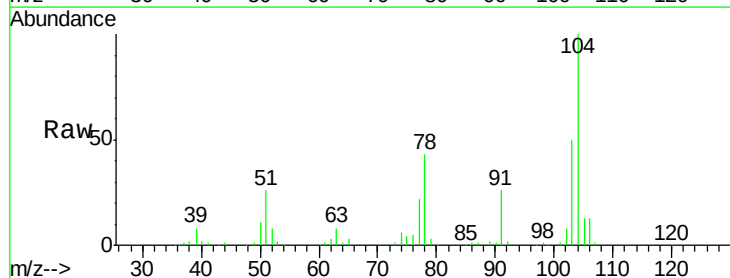


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

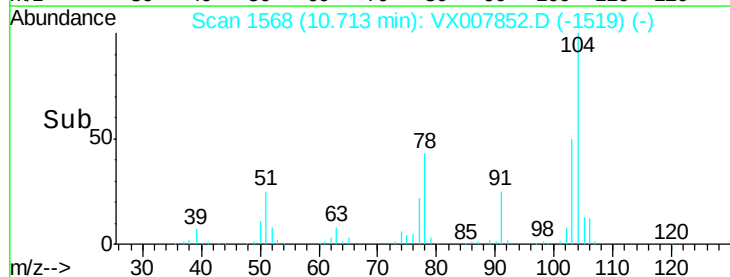
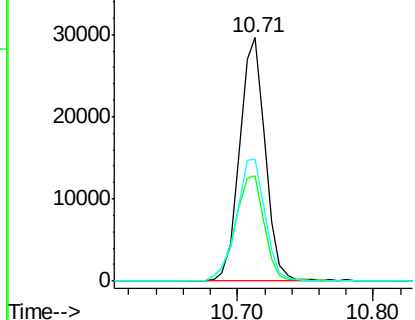


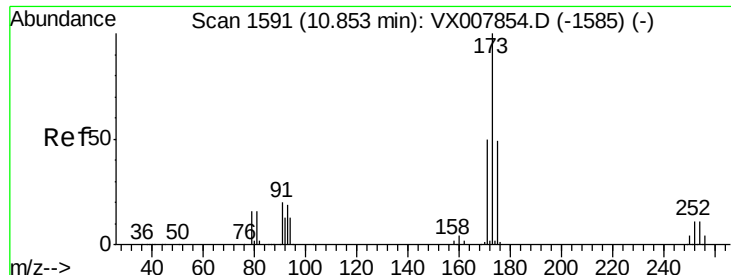
#70
Styrene
Concen: 4.723 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion:104 Resp: 38825
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 56.3 44.1 66.1



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

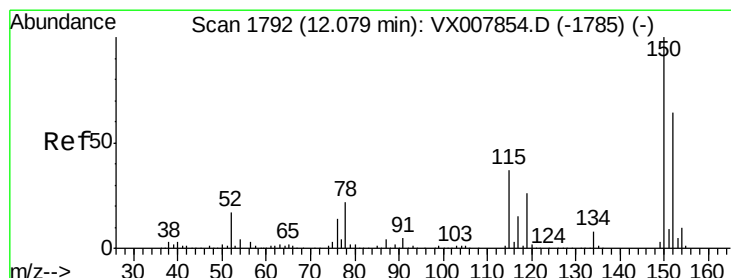
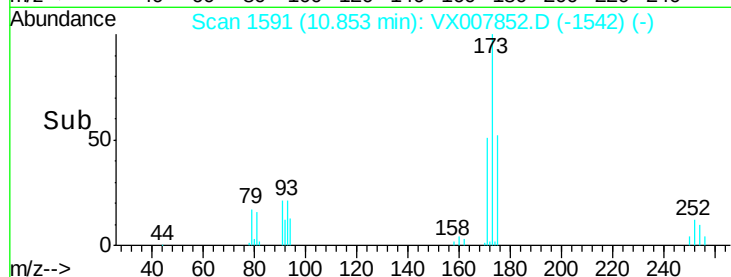
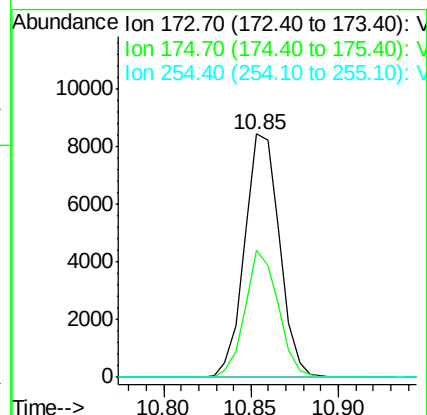
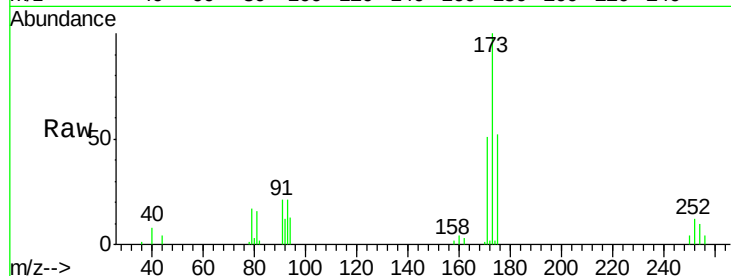




#71
Bromoform
Concen: 4.630 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

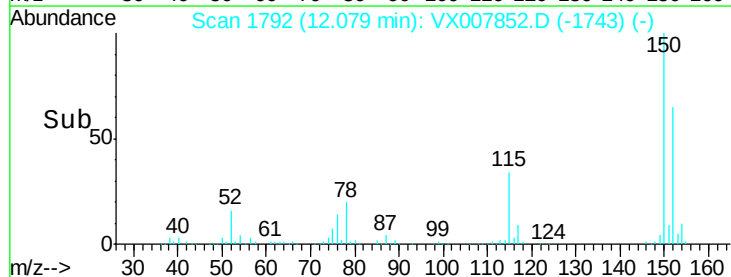
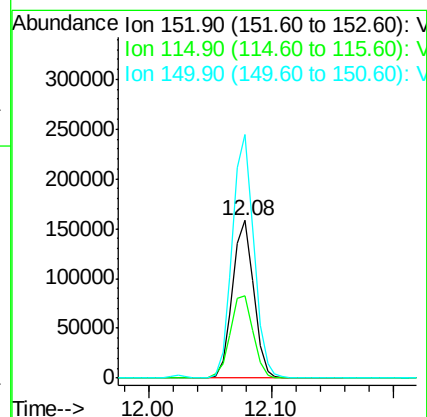
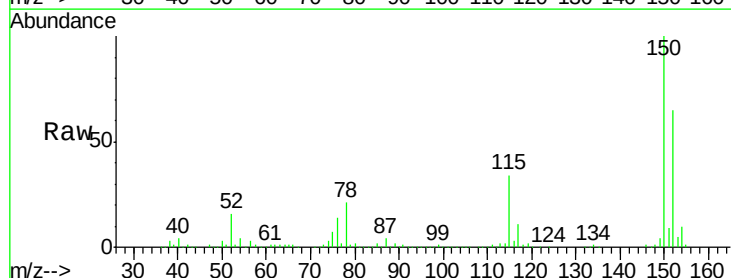
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

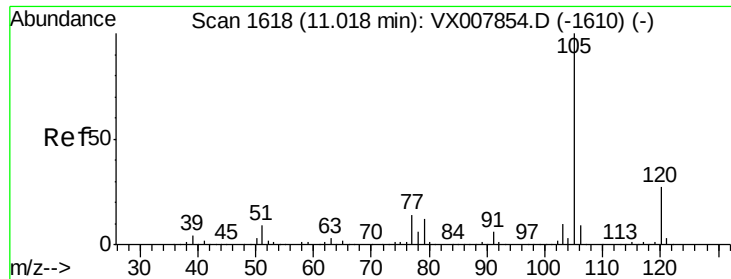
Tgt Ion:173 Resp: 11688
Ion Ratio Lower Upper
173 100
175 49.4 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion:152 Resp: 189484
Ion Ratio Lower Upper
152 100
115 56.8 38.6 115.7
150 156.8 0.0 348.4

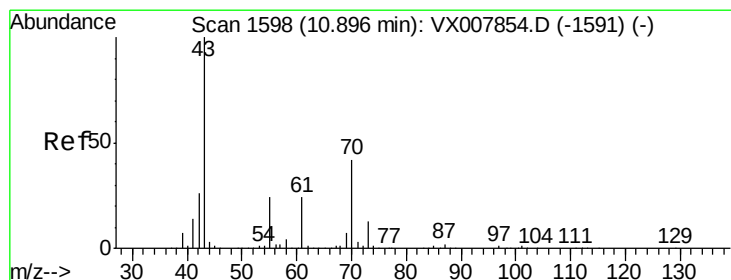
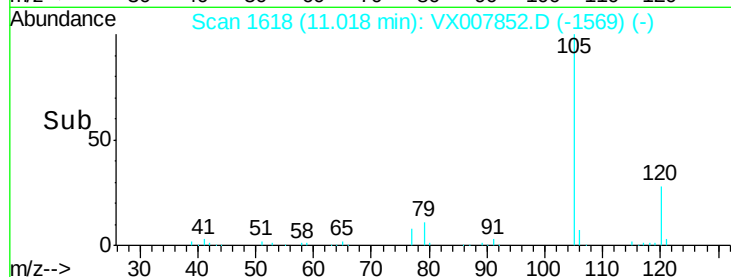
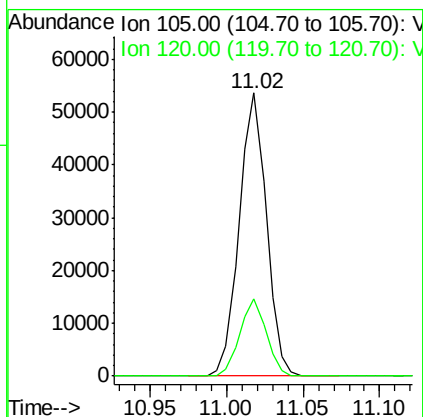
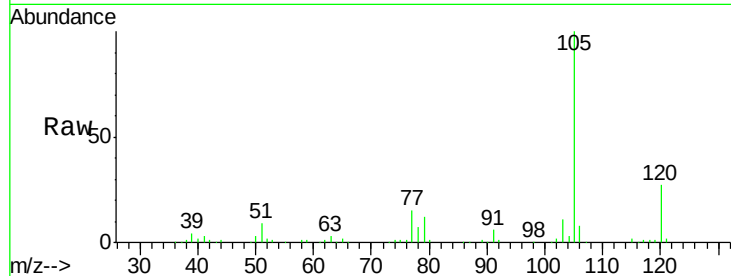




#73
Isopropylbenzene
Concen: 5.171 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

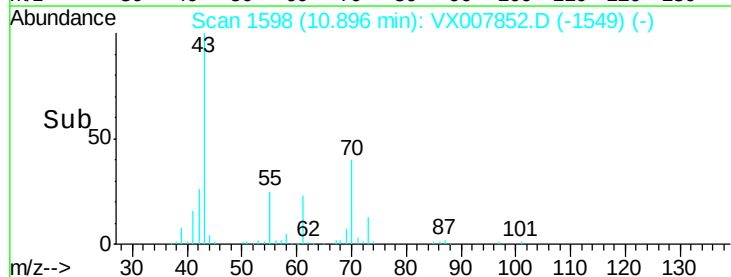
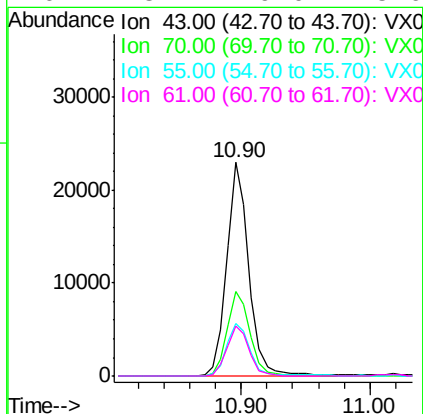
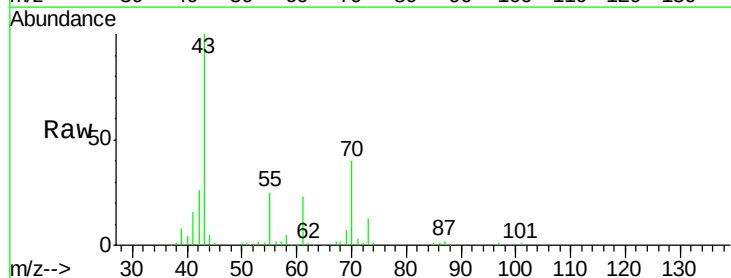
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

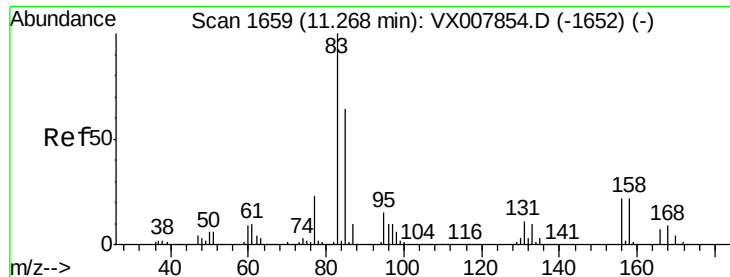
Tgt Ion: 105 Resp: 66268
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 4.760 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 43 Resp: 27847
Ion Ratio Lower Upper
43 100
70 41.0 33.5 50.3
55 25.7 19.2 28.8
61 23.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.274 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

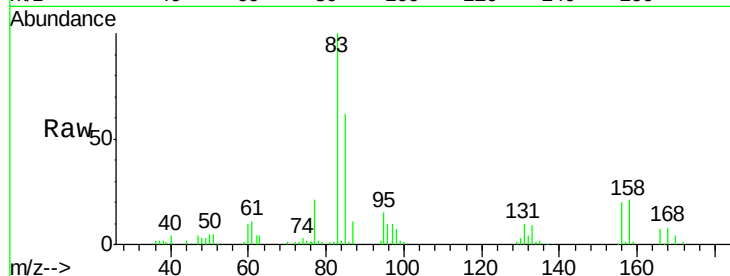
Tgt Ion: 83 Resp: 23314

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

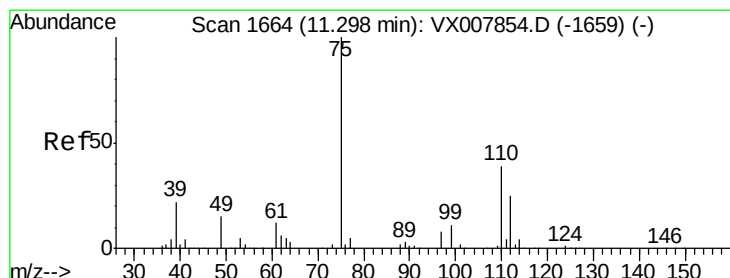
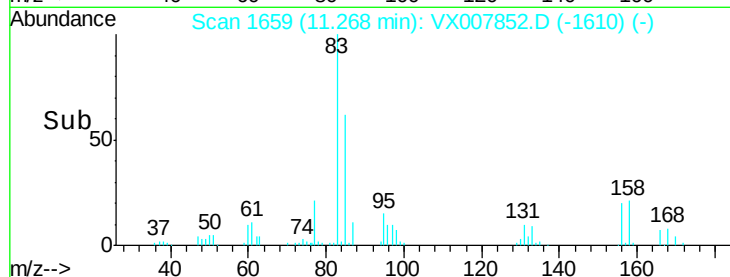
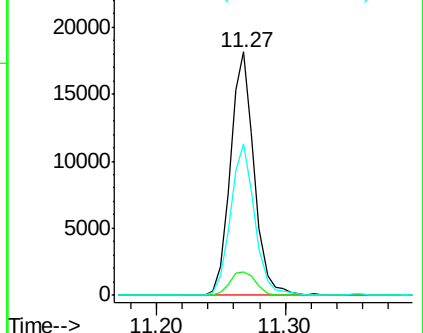
85 63.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.239 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007852.D

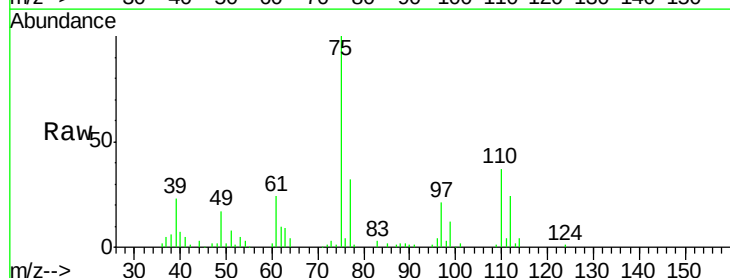
Acq: 06 Mar 2019 10:07

Tgt Ion: 75 Resp: 25015

Ion Ratio Lower Upper

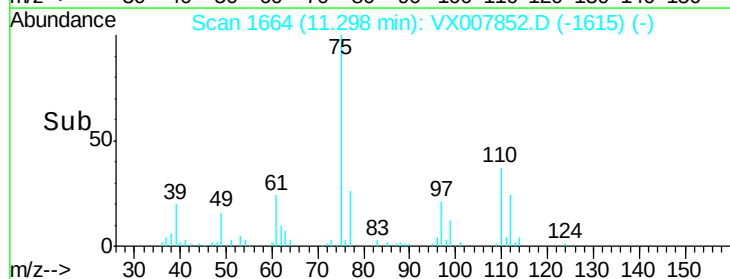
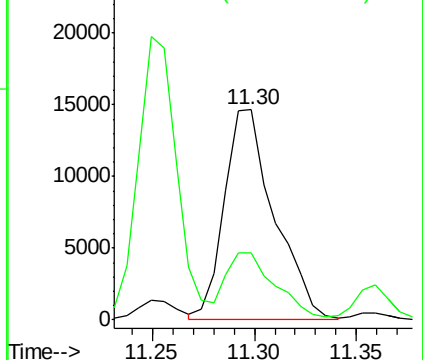
75 100

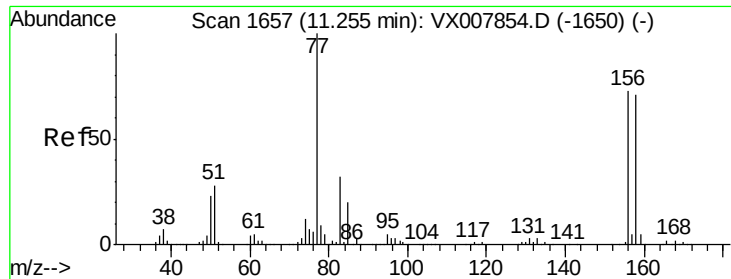
77 31.2 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.027 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

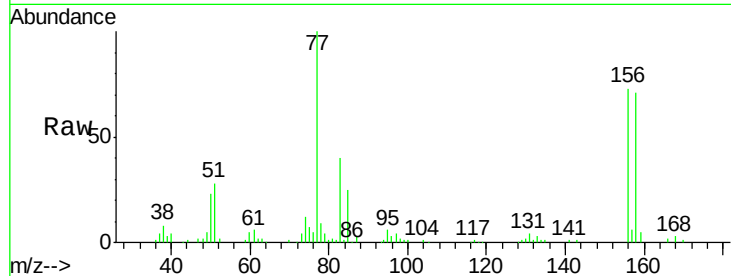
Tgt Ion:156 Resp: 17661

Ion Ratio Lower Upper

156 100

77 148.4 72.0 215.9

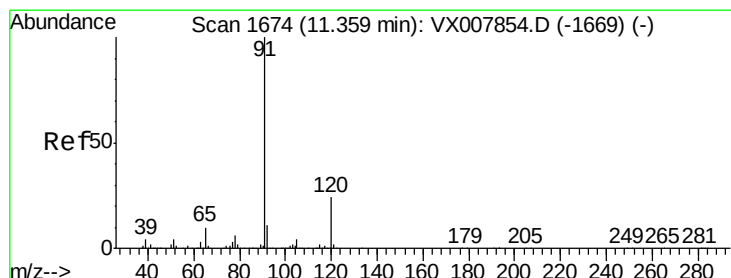
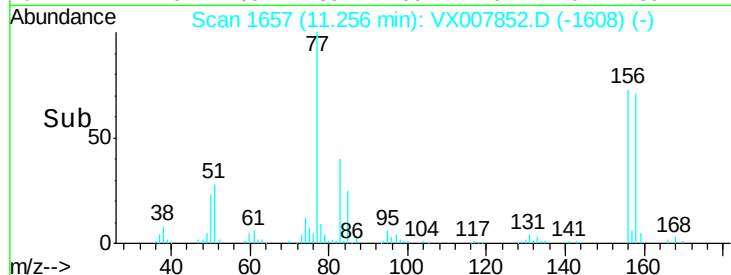
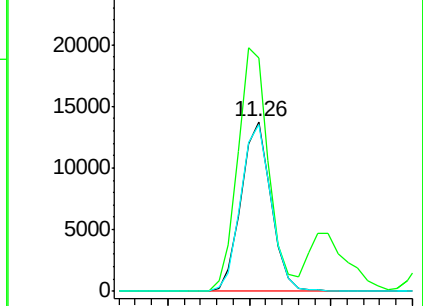
158 99.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.930 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007852.D

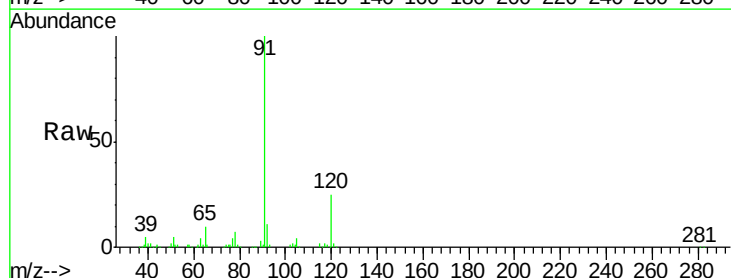
Acq: 06 Mar 2019 10:07

Tgt Ion: 91 Resp: 70096

Ion Ratio Lower Upper

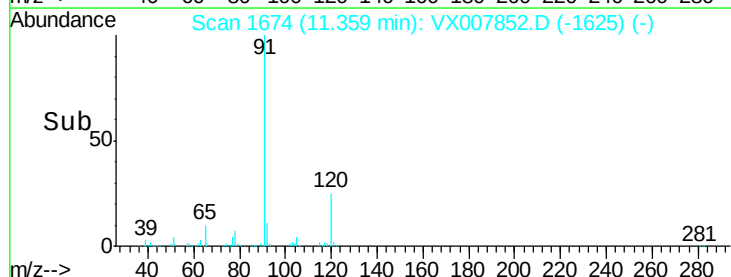
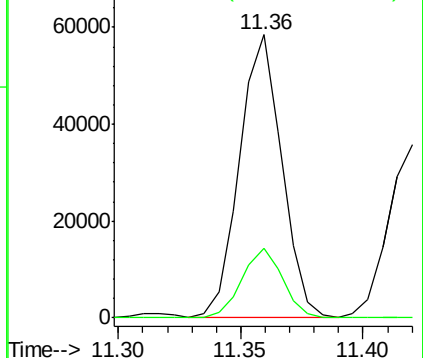
91 100

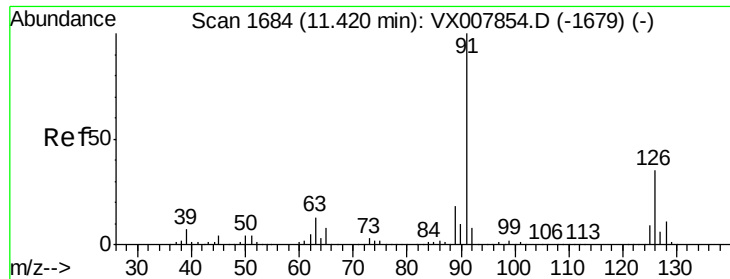
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

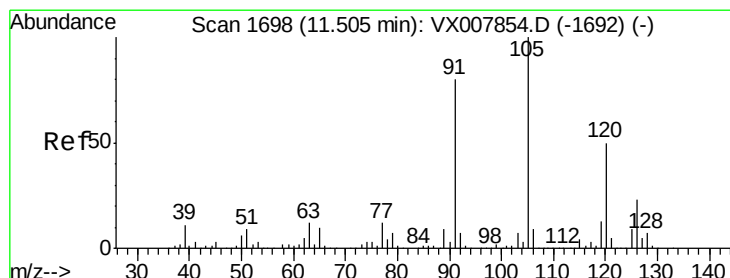
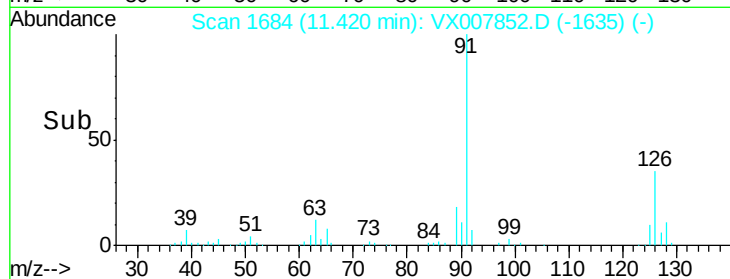
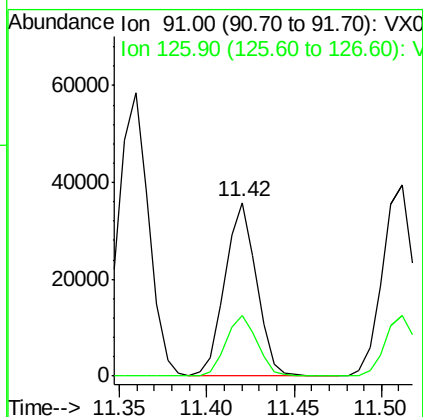
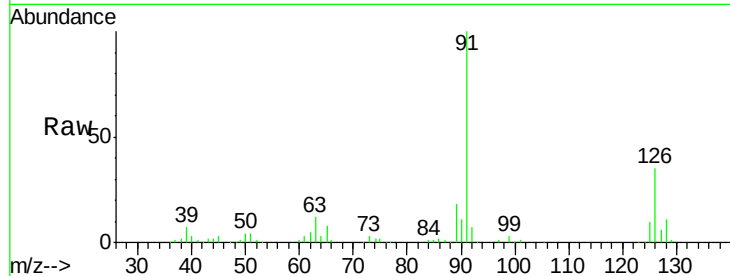




#79
 2-Chlorotoluene
 Concen: 5.132 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

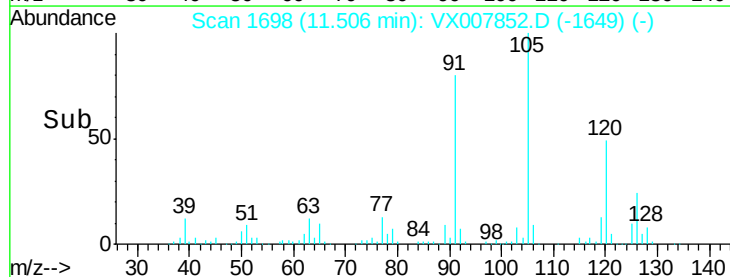
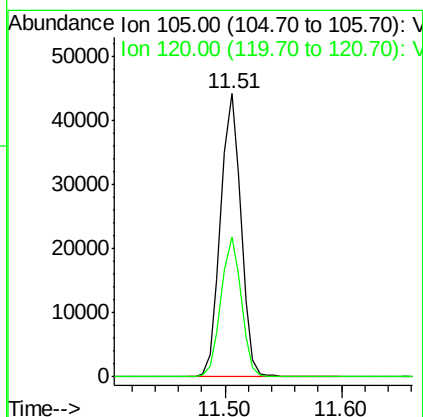
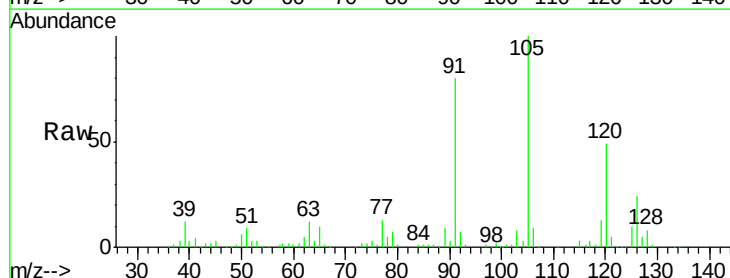
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

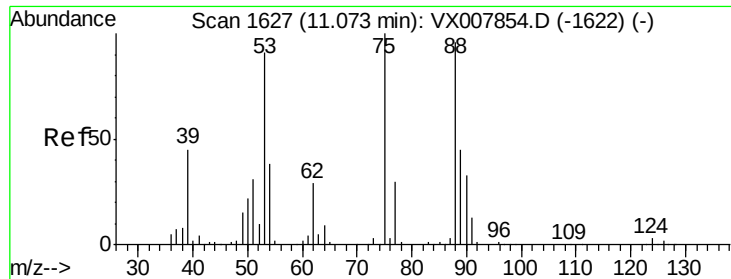
Tgt Ion: 91 Resp: 44609
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 5.072 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion: 105 Resp: 53501
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.364 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

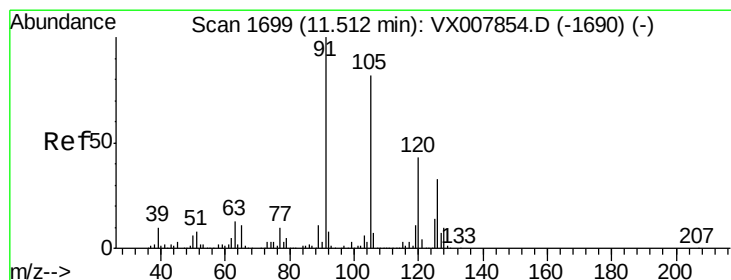
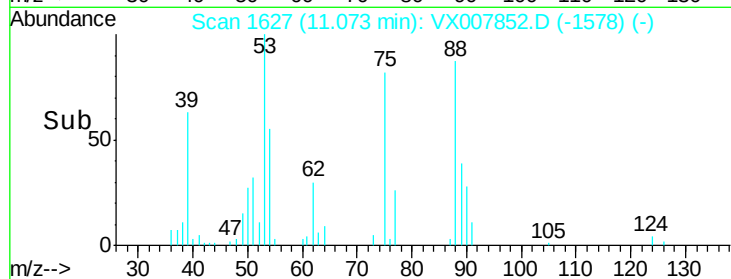
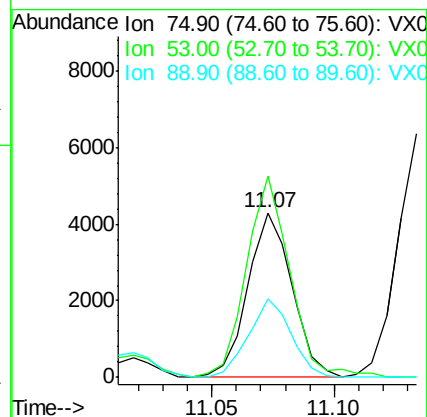
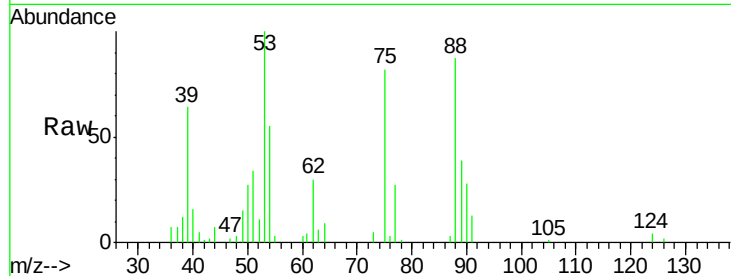
Tgt Ion: 75 Resp: 5428

Ion Ratio Lower Upper

75 100

53 119.9 76.1 114.1#

89 46.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 4.967 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007852.D

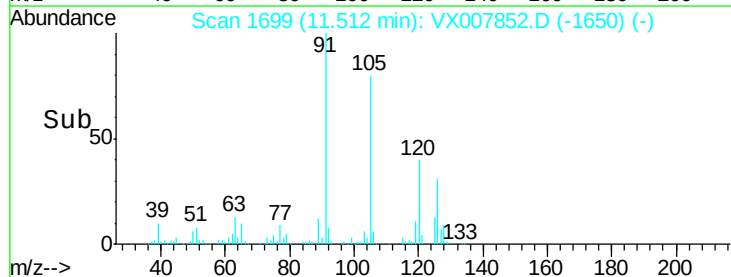
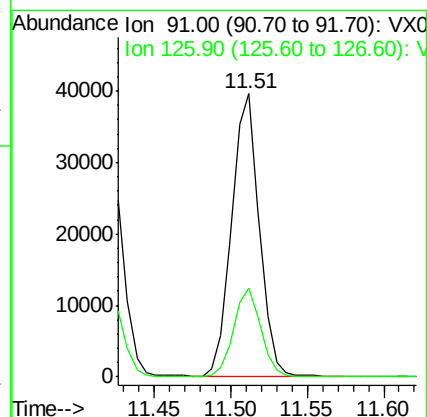
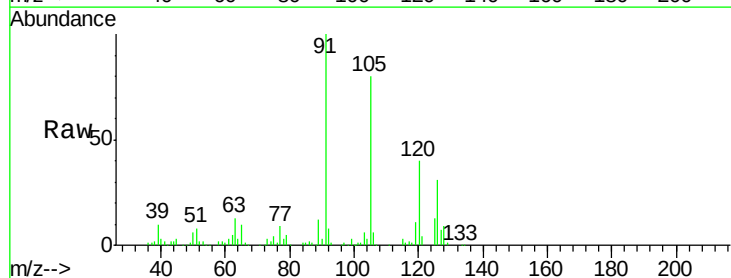
Acq: 06 Mar 2019 10:07

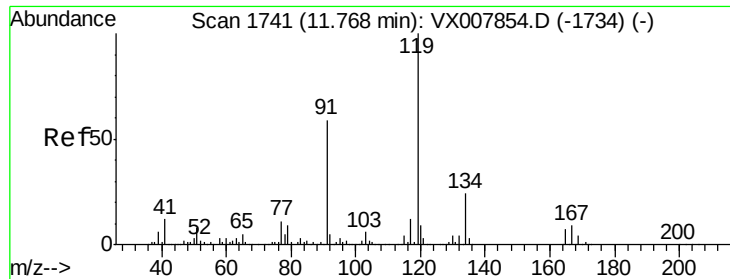
Tgt Ion: 91 Resp: 49475

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.8

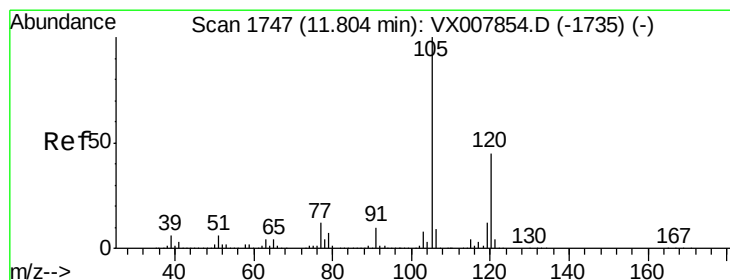
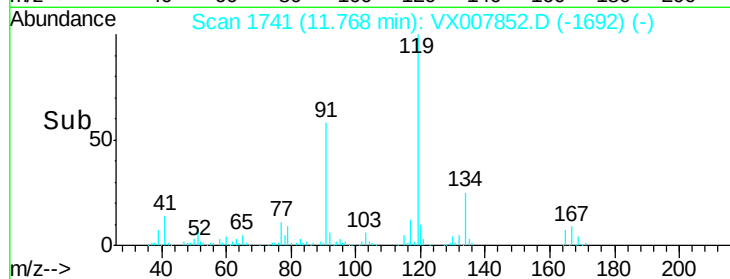
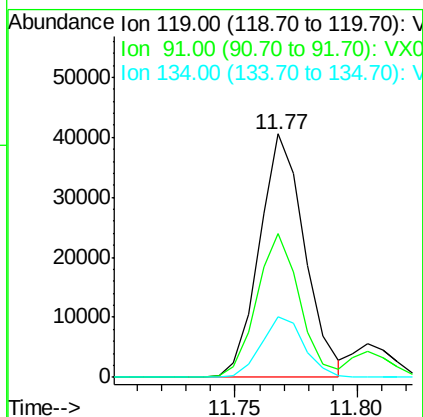
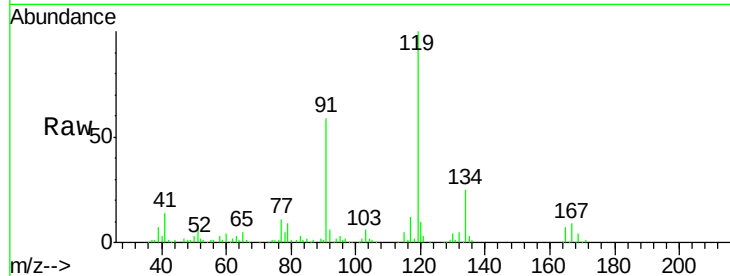




#83
 tert-Butylbenzene
 Concen: 4.941 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

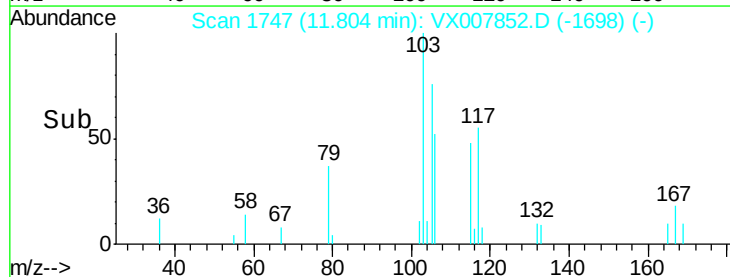
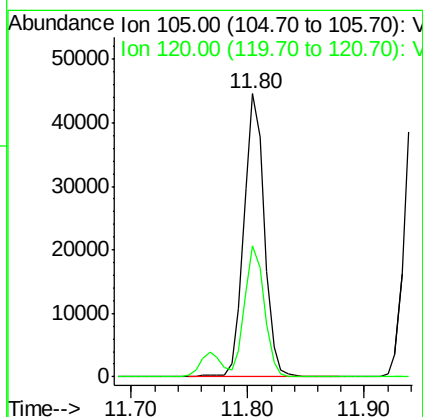
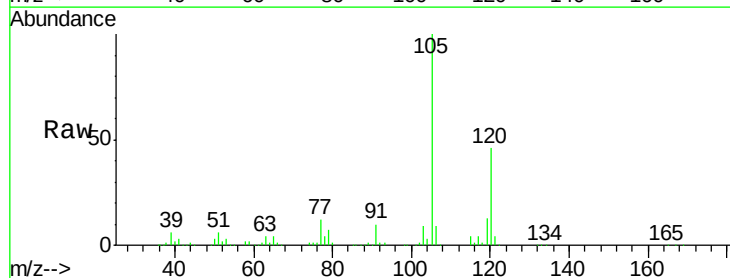
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

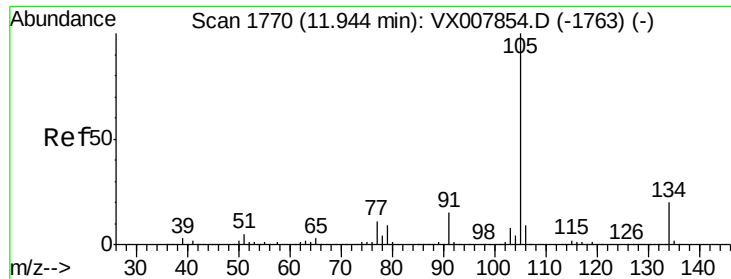
Tgt Ion:119 Resp: 52494
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.1 81.3
 134 23.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.063 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion:105 Resp: 54742
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 4.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

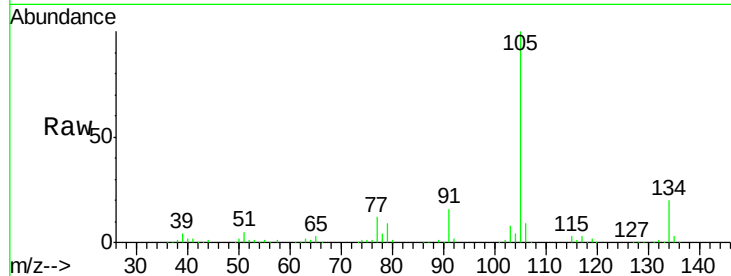
VSTDIC005

Tgt Ion:105 Resp: 62365

Ion Ratio Lower Upper

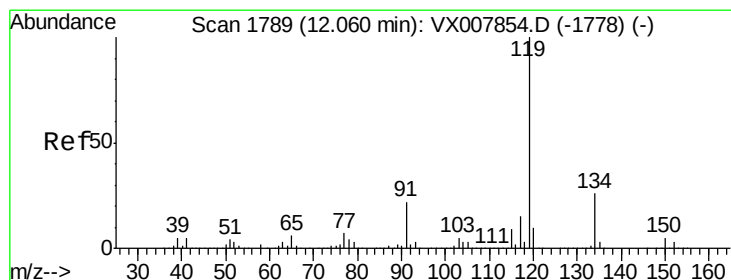
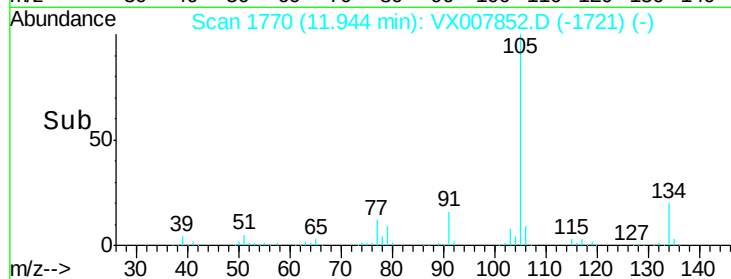
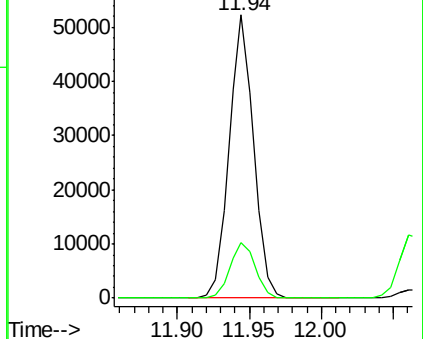
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.953 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

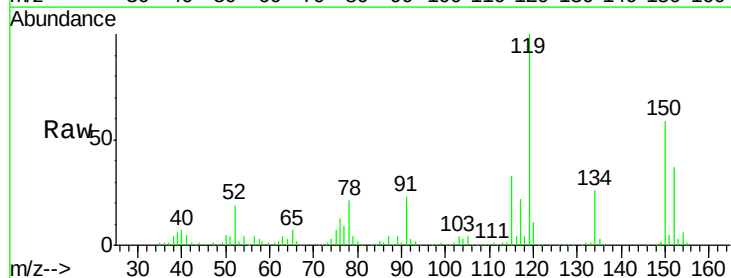
Tgt Ion:119 Resp: 55502

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

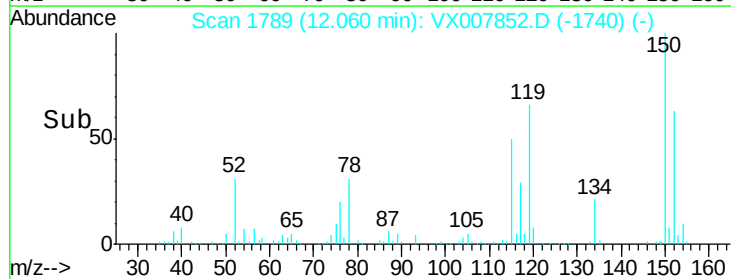
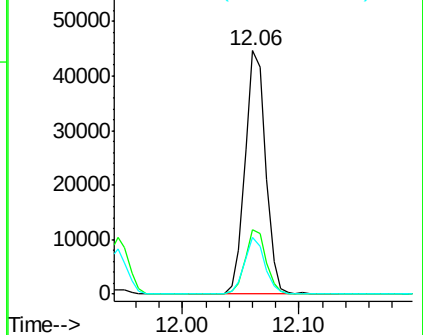
91 23.4 10.9 32.7

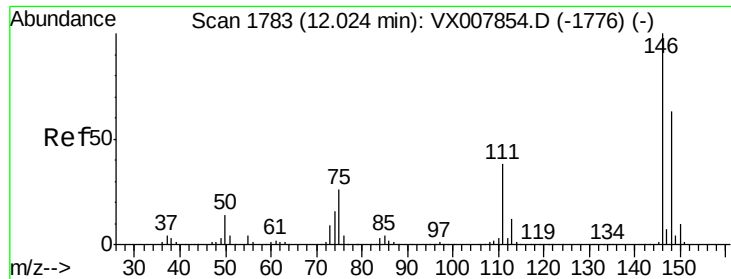


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

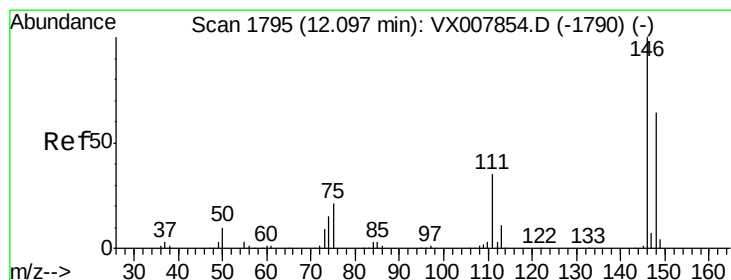
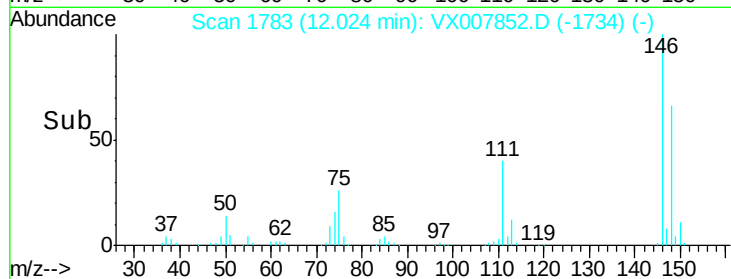
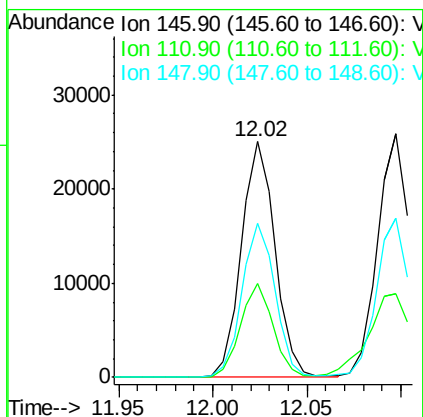
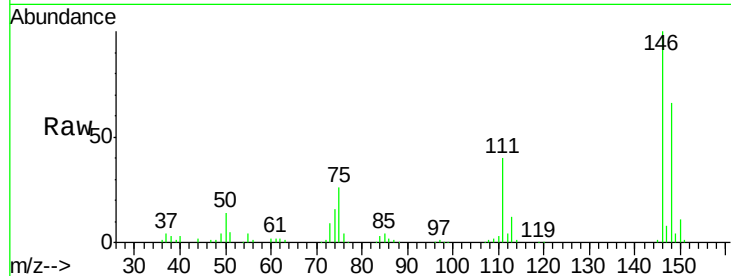




#87
 1,3-Dichlorobenzene
 Concen: 5.006 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

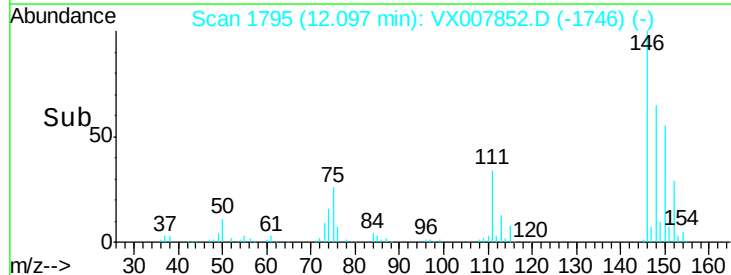
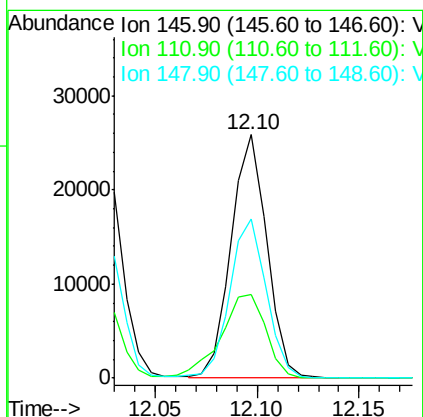
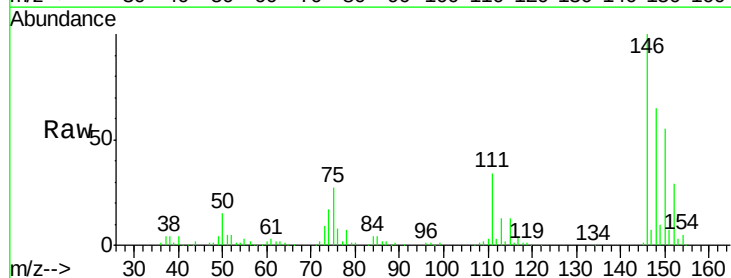
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

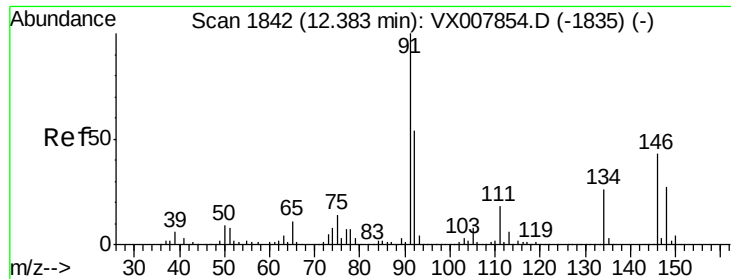
Tgt Ion:146 Resp: 31116
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.7
 148 64.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 4.930 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion:146 Resp: 31404
 Ion Ratio Lower Upper
 146 100
 111 43.7 18.4 55.0
 148 67.1 32.2 96.6

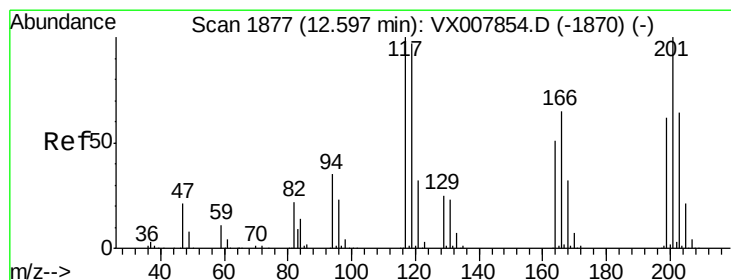
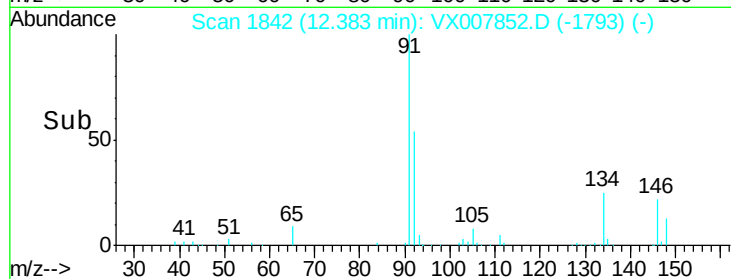
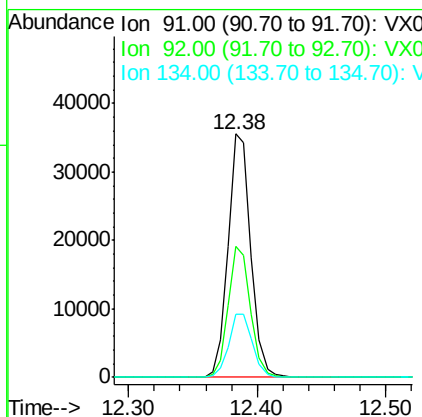
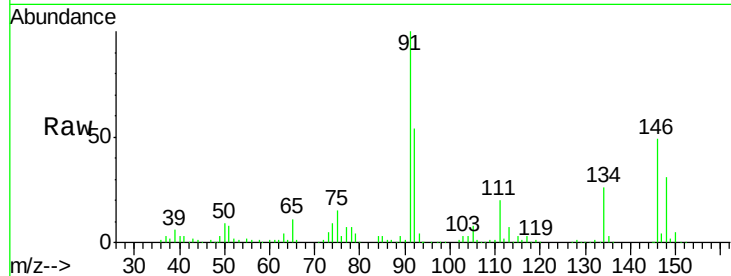




#89
n-Butylbenzene
Concen: 4.647 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

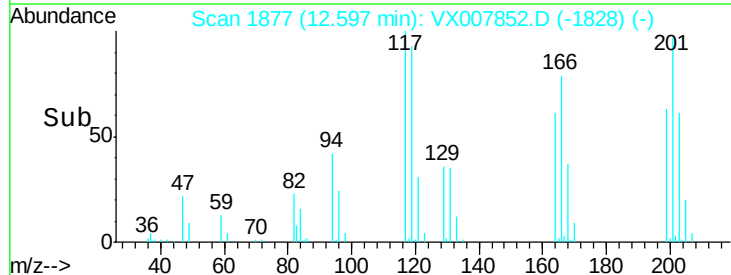
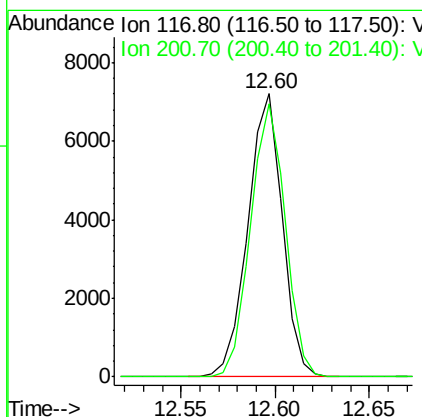
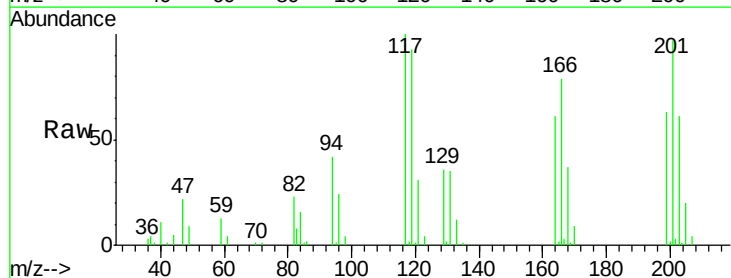
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

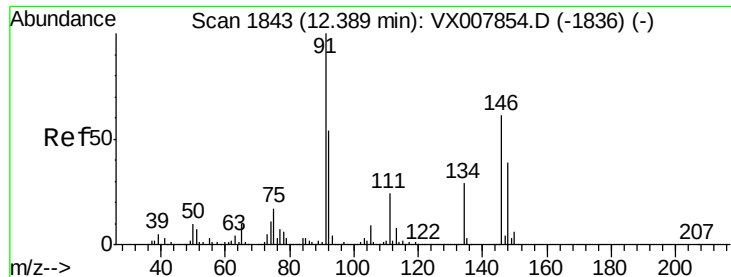
Tgt Ion: 91 Resp: 44119
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 4.868 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007852.D
Acq: 06 Mar 2019 10:07

Tgt Ion: 117 Resp: 9121
Ion Ratio Lower Upper
117 100
201 97.2 48.9 146.7

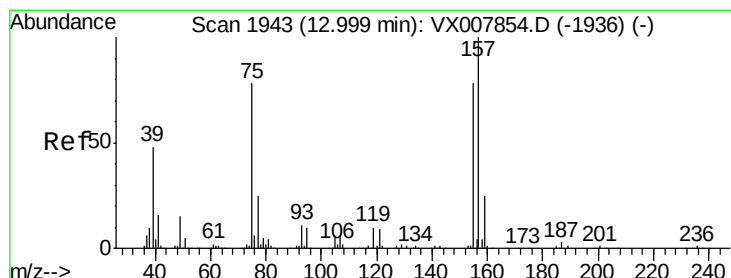
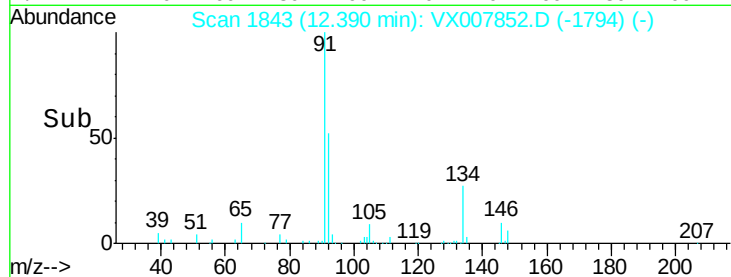
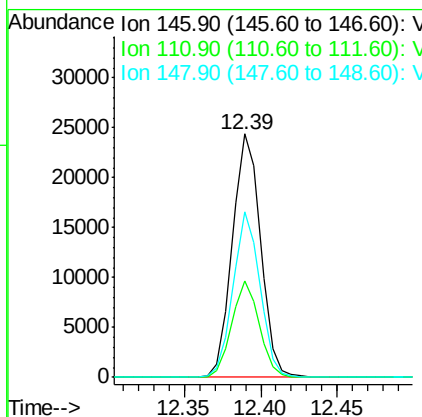
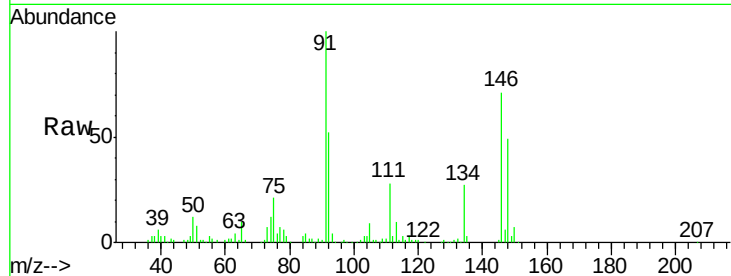




#91
 1,2-Dichlorobenzene
 Concen: 5.044 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

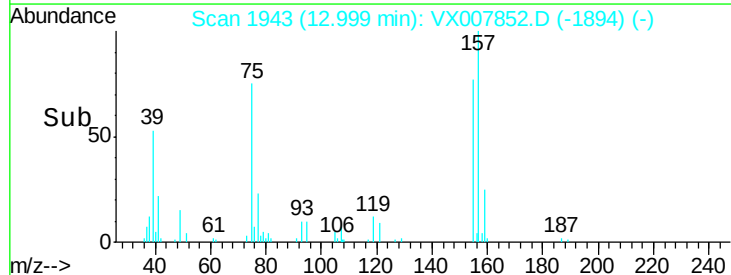
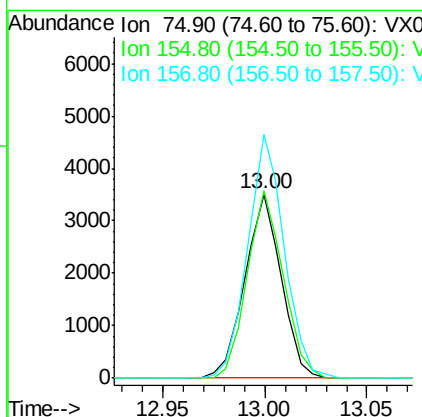
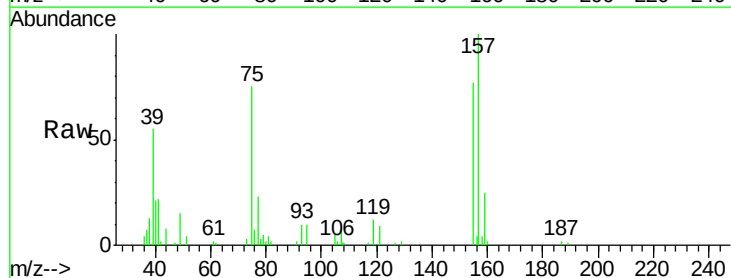
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

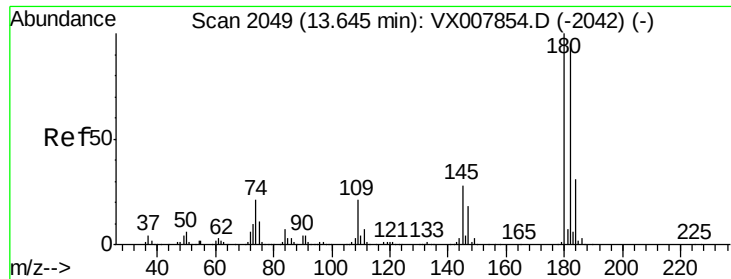
Tgt Ion: 146 Resp: 31146
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.6 58.8
 148 65.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.691 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion: 75 Resp: 4334
 Ion Ratio Lower Upper
 75 100
 155 100.7 49.7 149.1
 157 134.1 63.8 191.4

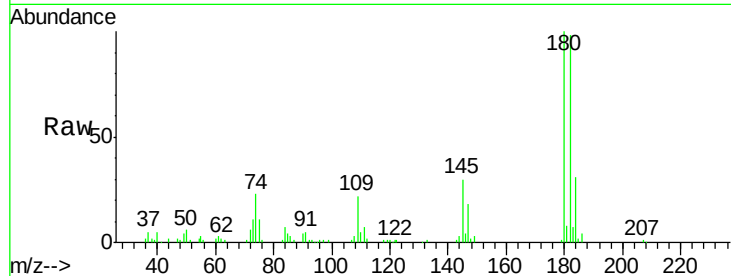




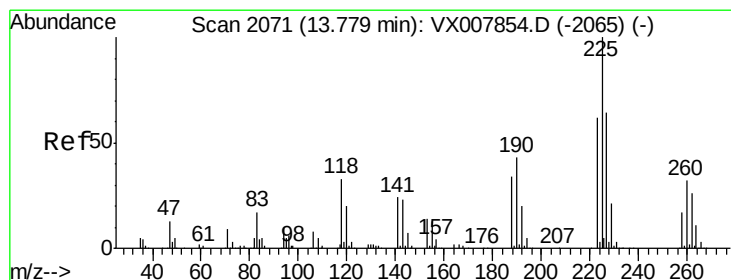
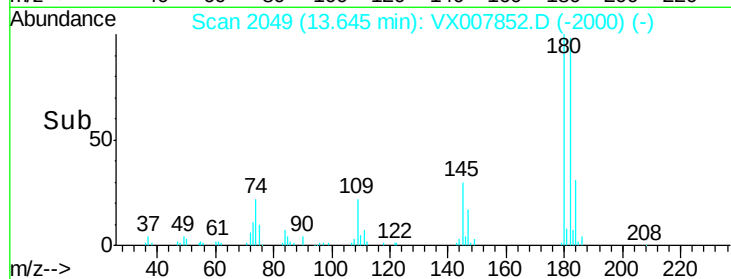
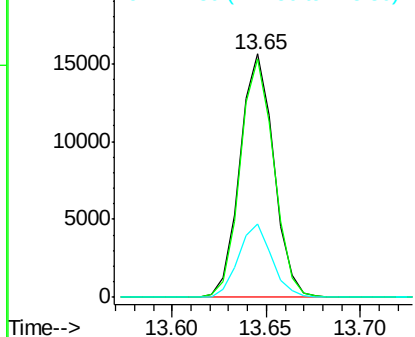
#93
 1,2,4-Trichlorobenzene
 Concen: 4.486 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 19461
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.9 143.7
 145 29.7 14.1 42.4

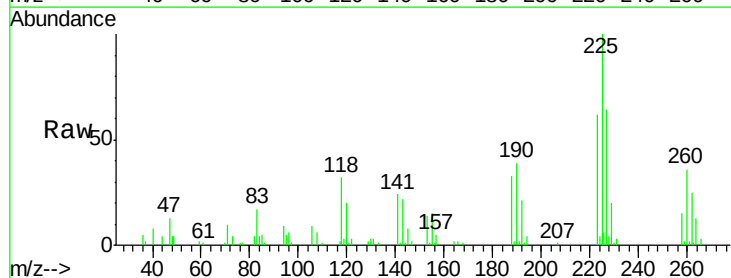


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

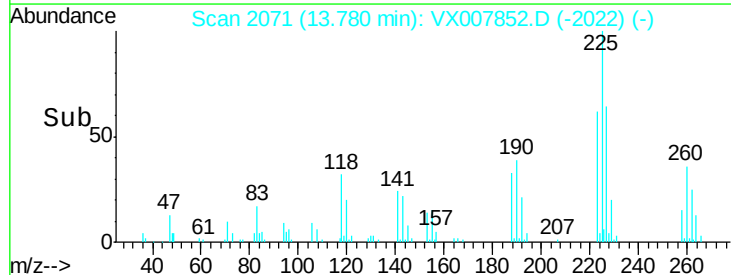
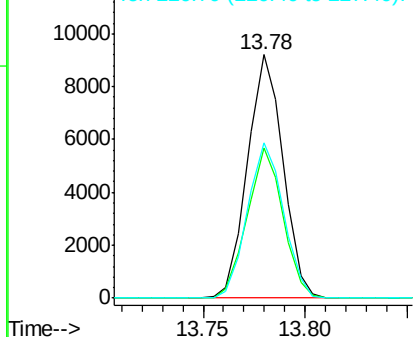


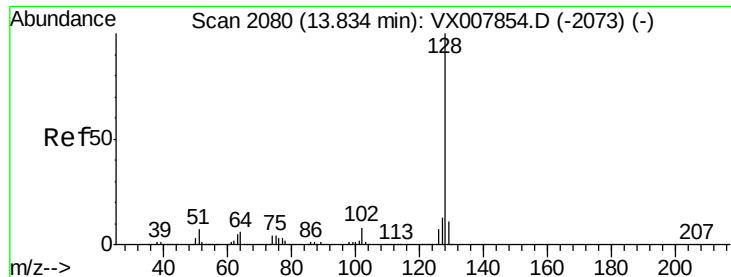
#94
 Hexachlorobutadiene
 Concen: 4.920 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007852.D
 Acq: 06 Mar 2019 10:07

Tgt Ion:225 Resp: 11158
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.2
 227 64.7 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.485 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

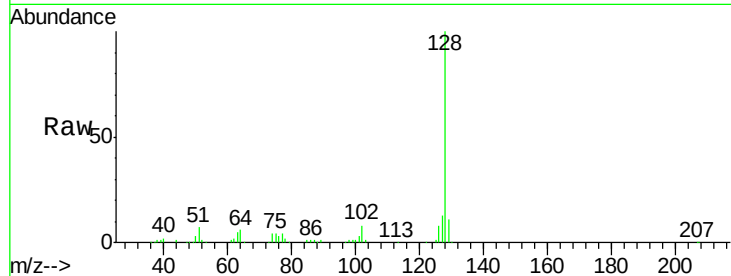
Tgt Ion:128 Resp: 56052

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

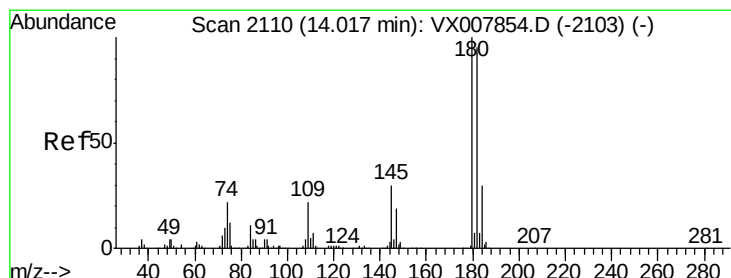
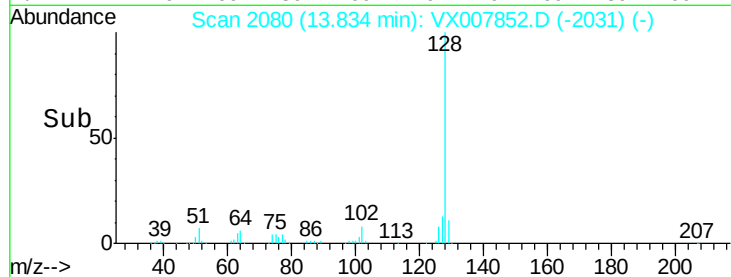
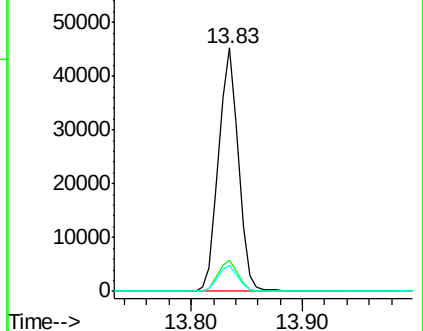
129 10.8 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 4.753 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007852.D

Acq: 06 Mar 2019 10:07

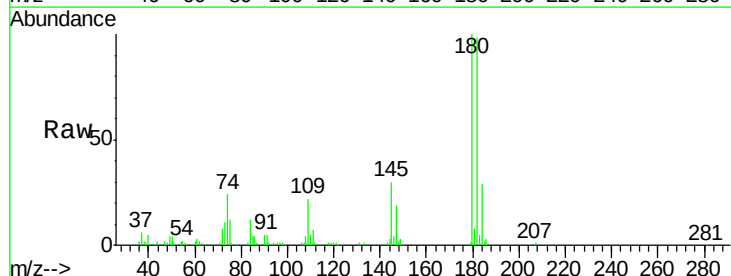
Tgt Ion:180 Resp: 20540

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

145 29.9 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

