

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007858.D
 Acq On : 06 Mar 2019 12:47
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 07 07:06:25 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	293082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	4127	1.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.66%	
35) Dibromofluoromethane	5.51	113	3196	1.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.32%	
50) Toluene-d8	8.71	98	12200	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	
62) 4-Bromofluorobenzene	11.13	95	4374	1.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.46%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	2864	1.144 ug/l	91
3) Chloromethane	1.33	50	4134	1.281 ug/l	96
4) Vinyl Chloride	1.41	62	3480	1.085 ug/l	96
5) Bromomethane	1.65	94	3502	1.796 ug/l	91
6) Chloroethane	1.73	64	2207	1.036 ug/l	98
7) Trichlorofluoromethane	1.93	101	4767	1.142 ug/l	96
8) Diethyl Ether	2.19	74	1970	1.090 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3023	1.169 ug/l	96
10) Methyl Iodide	2.51	142	3051	0.831 ug/l	97
11) Tert butyl alcohol	3.06	59	3836	5.548 ug/l #	86
12) 1,1-Dichloroethene	2.38	96	2823	1.132 ug/l	92
13) Acrolein	2.30	56	3303	7.911 ug/l	95
14) Allyl chloride	2.73	41	5672	1.082 ug/l	98
15) Acrylonitrile	3.15	53	10253	5.875 ug/l	99
16) Acetone	2.45	43	9066	5.066 ug/l	100
17) Carbon Disulfide	2.57	76	12004	1.434 ug/l #	92
18) Methyl Acetate	2.78	43	4438	1.167 ug/l	97
19) Methyl tert-butyl Ether	3.20	73	9031	1.053 ug/l	96
20) Methylene Chloride	2.86	84	3512	1.233 ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	3387	1.234 ug/l	96
22) Diisopropyl ether	3.87	45	10359	1.078 ug/l	97
23) Vinyl Acetate	3.82	43	43870	5.208 ug/l	98
24) 1,1-Dichloroethane	3.70	63	5523	1.068 ug/l #	96
25) 2-Butanone	4.70	43	13305	5.252 ug/l	100
26) 2,2-Dichloropropane	4.59	77	3452	1.008 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3575	1.139 ug/l	89
28) Bromochloromethane	5.01	49	2623	1.088 ug/l #	98
29) Tetrahydrofuran	5.15	42	8558	5.415 ug/l	99
30) Chloroform	5.21	83	5155	1.054 ug/l	96
31) Cyclohexane	5.58	56	4988	1.050 ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	4077	1.005 ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4555	1.169 ug/l	98
37) Ethyl Acetate	4.85	43	5311	1.149 ug/l	99
38) Carbon Tetrachloride	5.78	117	3757	1.016 ug/l	96

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 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 07 07:06:25 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	4841	1.026	ug/l	95
40) Benzene	6.15	78	12368	1.066	ug/l	92
41) Methacrylonitrile	5.05	41	2728	1.082	ug/l #	34
42) 1,2-Dichloroethane	6.20	62	4068	1.073	ug/l	99
43) Isopropyl Acetate	6.46	43	6967	1.018	ug/l	99
44) Trichloroethene	7.22	130	3752	1.174	ug/l	90
45) 1,2-Dichloropropane	7.52	63	3107	1.014	ug/l	100
46) Dibromomethane	7.67	93	2084	1.075	ug/l	98
47) Bromodichloromethane	7.90	83	3578	0.974	ug/l	96
48) Methyl methacrylate	7.78	41	3822	1.063	ug/l	93
49) 1,4-Dioxane	7.76	88	1584	21.437	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	22093	5.021	ug/l	99
52) Toluene	8.79	92	7403	1.046	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3300	0.860	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	3806	0.879	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	2882	1.005	ug/l	93
56) Ethyl methacrylate	9.18	69	3855	0.896	ug/l #	87
57) 1,3-Dichloropropane	9.37	76	4982	1.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	10533	4.732	ug/l	97
59) 2-Hexanone	9.49	43	16863	4.936	ug/l	96
60) Dibromochloromethane	9.59	129	2639	0.881	ug/l	97
61) 1,2-Dibromoethane	9.67	107	3232	1.062	ug/l	98
64) Tetrachloroethene	9.34	164	3930	1.271	ug/l	91
65) Chlorobenzene	10.14	112	8746	1.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	2811	1.004	ug/l #	65
67) Ethyl Benzene	10.25	91	13150	1.023	ug/l	96
68) m/p-Xylenes	10.36	106	10007	2.020	ug/l	99
69) o-Xylene	10.69	106	4735	0.990	ug/l	100
70) Styrene	10.71	104	7584	0.969	ug/l	98
71) Bromoform	10.85	173	2138	0.889	ug/l #	94
73) Isopropylbenzene	11.02	105	12040	1.039	ug/l	100
74) N-amyl acetate	10.90	43	5375	1.016	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4566	1.142	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4642	1.280	ug/l	89
77) Bromobenzene	11.26	156	3752	1.181	ug/l	99
78) n-propylbenzene	11.36	91	13230	1.029	ug/l	100
79) 2-Chlorotoluene	11.42	91	8812	1.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9717	1.019	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	965	0.858	ug/l #	76
82) 4-Chlorotoluene	11.51	91	9928	1.102	ug/l	100
83) tert-Butylbenzene	11.77	119	9664	1.006	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	9816	1.004	ug/l	98
85) sec-Butylbenzene	11.94	105	11161	0.986	ug/l	100
86) p-Isopropyltoluene	12.06	119	9769	0.964	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	6347	1.129	ug/l	99
88) 1,4-Dichlorobenzene	12.02	146	6347	1.102	ug/l	97
89) n-Butylbenzene	12.39	91	8219	0.957	ug/l	97
90) Hexachloroethane	12.59	117	1562	0.922	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	6321	1.132	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	870	1.041	ug/l	95

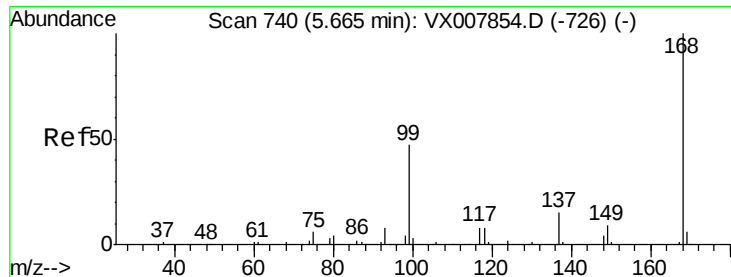
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
Data File : VX007858.D
Acq On : 06 Mar 2019 12:47
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Sample : VSTDICC001
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Mar 07 07:06:25 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	4303	1.097	ug/l	97
94) Hexachlorobutadiene	13.78	225	2222	1.083	ug/l	97
95) Naphthalene	13.83	128	11516	1.019	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	4217	1.079	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: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

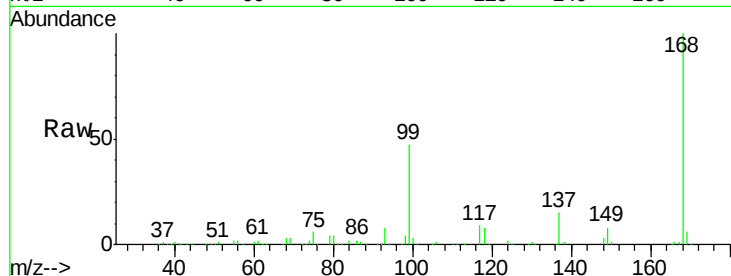
VSTDIC001

Tgt Ion:168 Resp: 293082

Ion Ratio Lower Upper

168 100

99 47.3 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

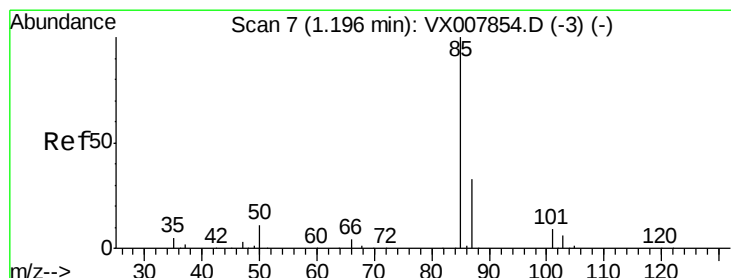
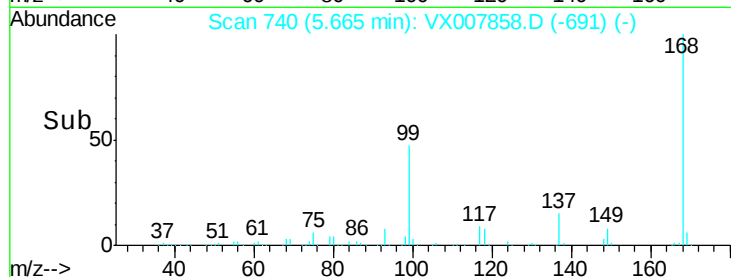
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.144 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007858.D

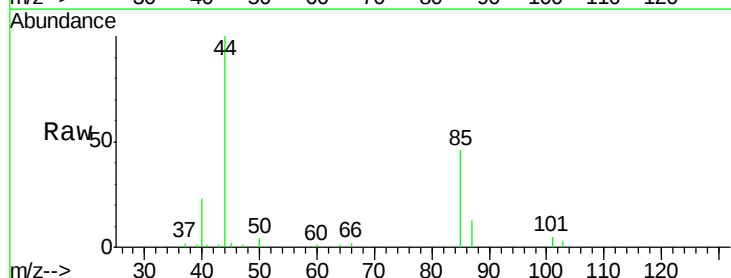
Acq: 06 Mar 2019 12:47

Tgt Ion: 85 Resp: 2864

Ion Ratio Lower Upper

85 100

87 27.8 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

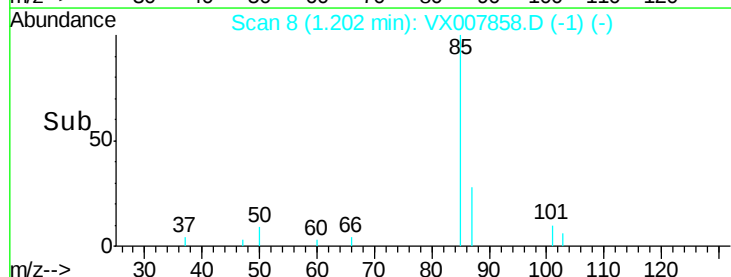
3000

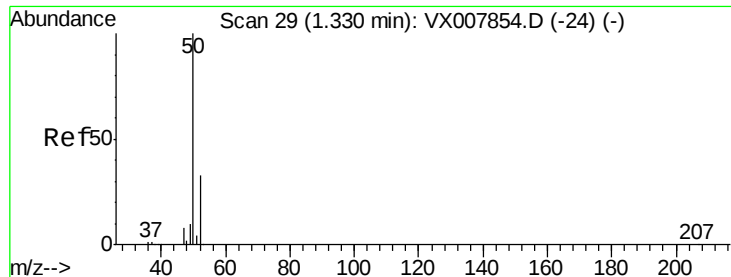
2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.281 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

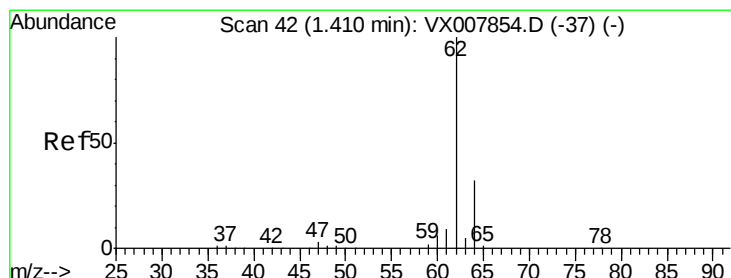
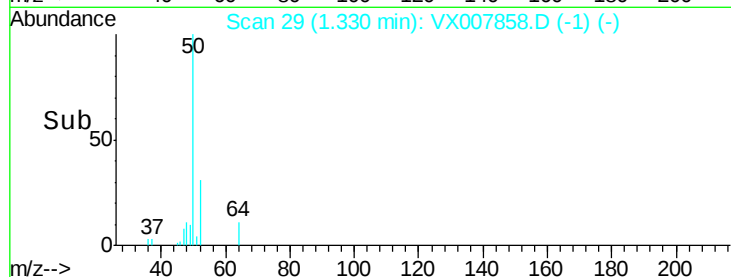
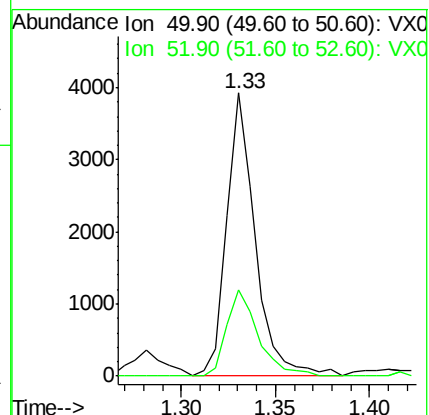
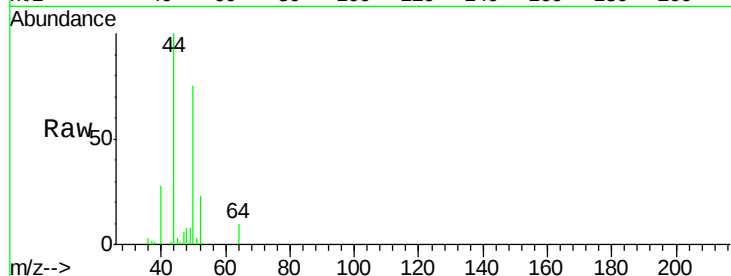
VSTDIC001

Tgt Ion: 50 Resp: 4134

Ion Ratio Lower Upper

50 100

52 30.7 26.5 39.7



#4

Vinyl Chloride

Concen: 1.085 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007858.D

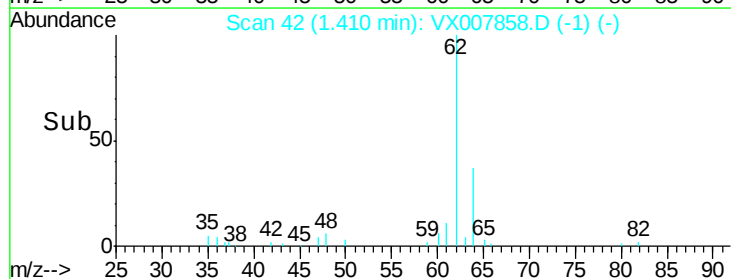
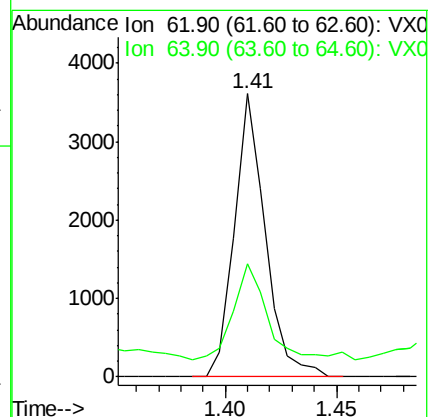
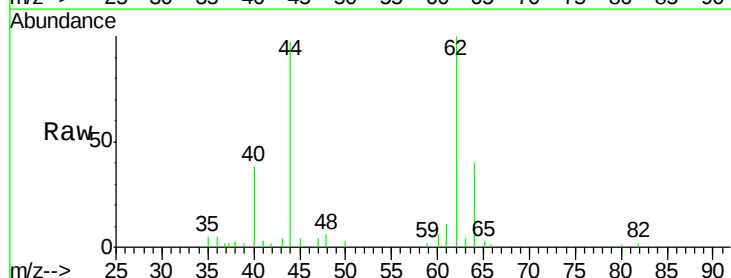
Acq: 06 Mar 2019 12:47

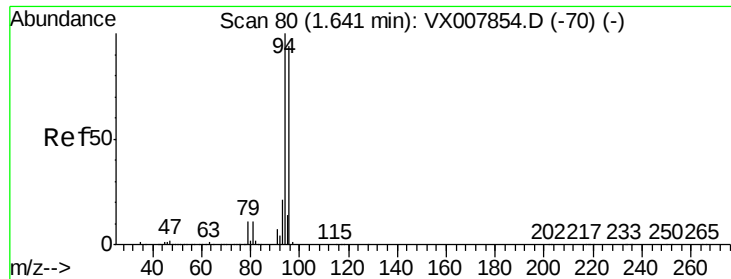
Tgt Ion: 62 Resp: 3480

Ion Ratio Lower Upper

62 100

64 33.9 25.3 37.9





#5

Bromomethane

Concen: 1.796 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

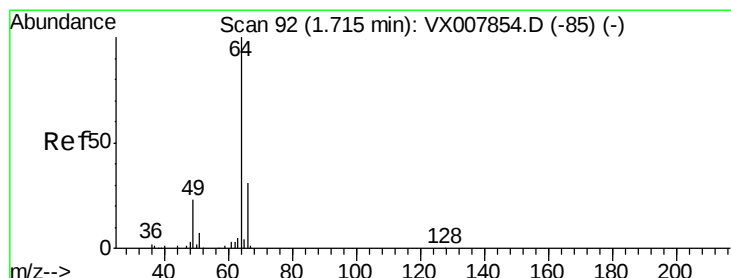
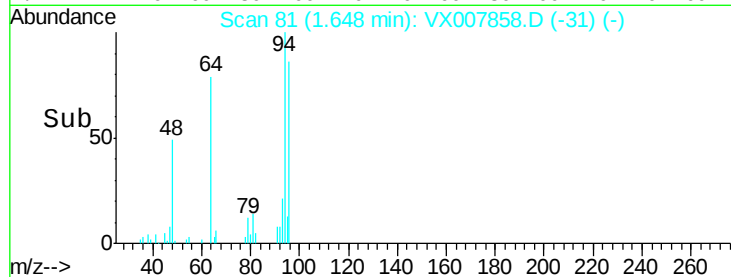
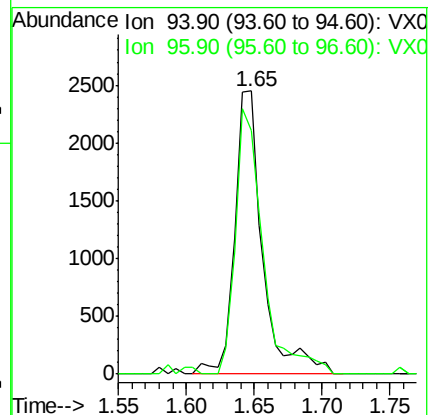
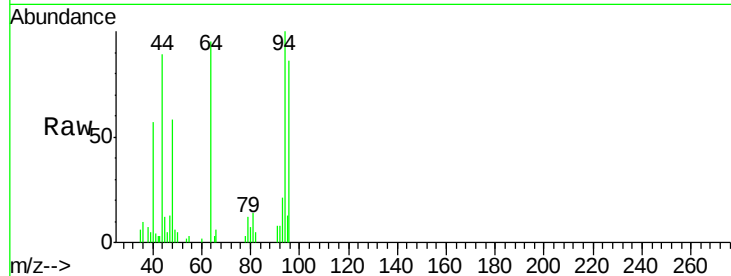
VSTDIC001

Tgt Ion: 94 Resp: 3502

Ion Ratio Lower Upper

94 100

96 85.9 75.5 113.3



#6

Chloroethane

Concen: 1.036 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007858.D

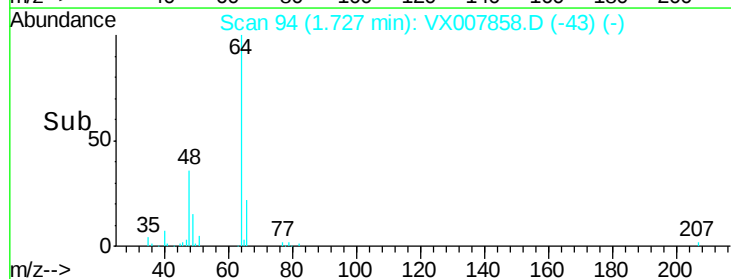
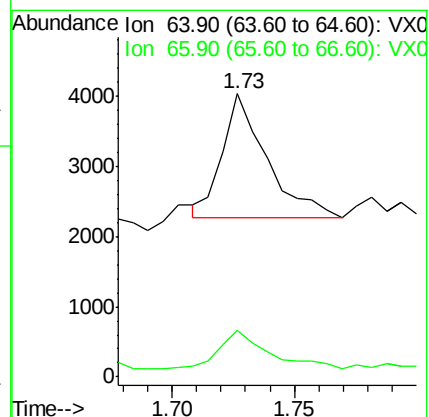
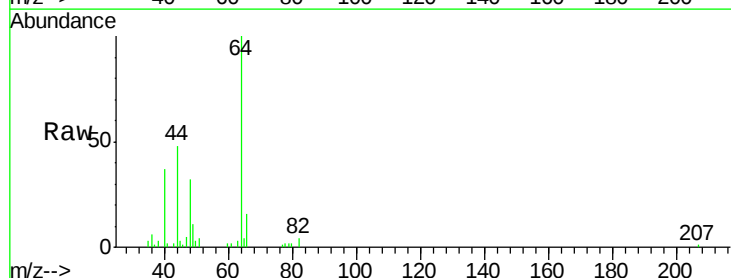
Acq: 06 Mar 2019 12:47

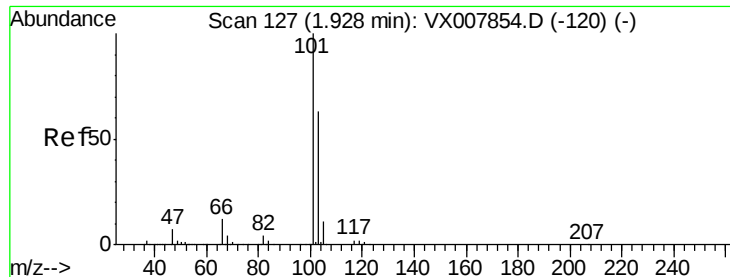
Tgt Ion: 64 Resp: 2207

Ion Ratio Lower Upper

64 100

66 30.6 25.2 37.8





#7

Trichlorofluoromethane

Concen: 1.142 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

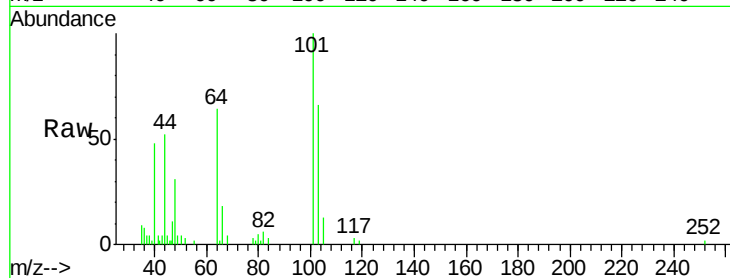
VSTDIC001

Tgt Ion:101 Resp: 4767

Ion Ratio Lower Upper

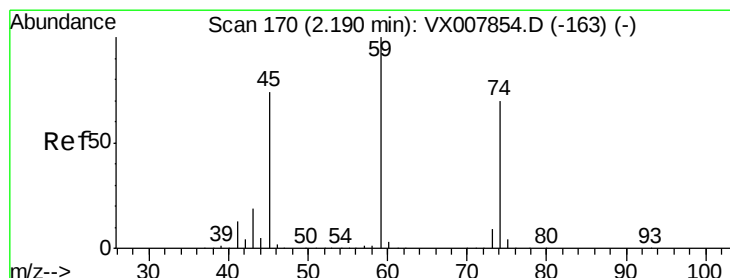
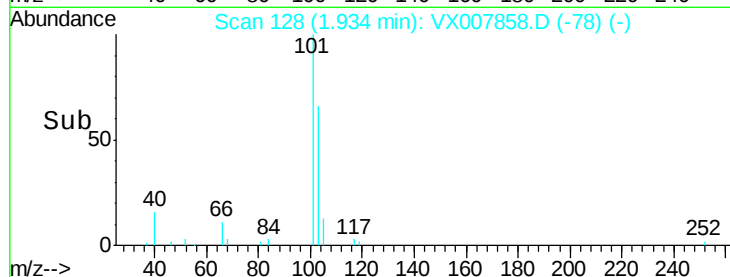
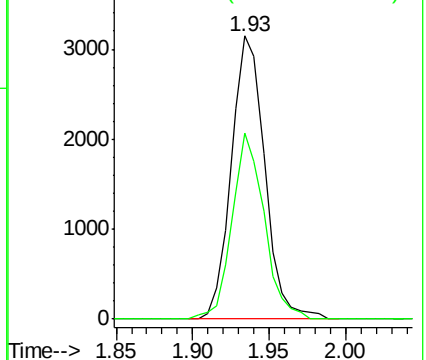
101 100

103 66.0 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.090 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX007858.D

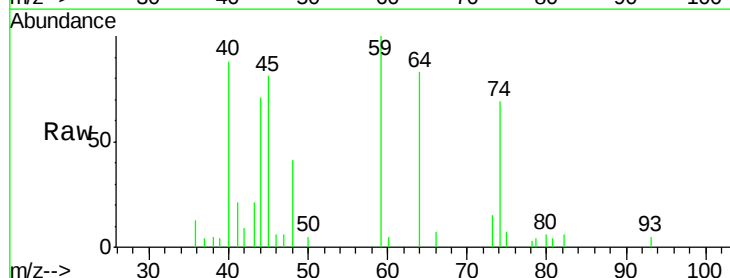
Acq: 06 Mar 2019 12:47

Tgt Ion: 74 Resp: 1970

Ion Ratio Lower Upper

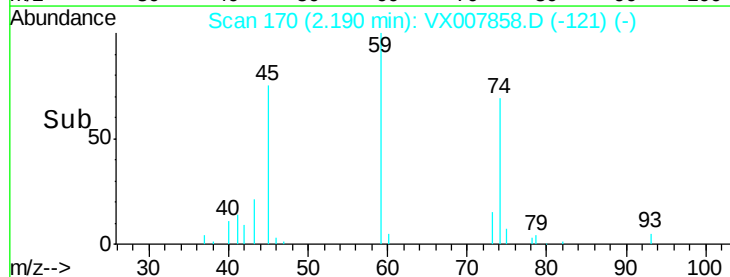
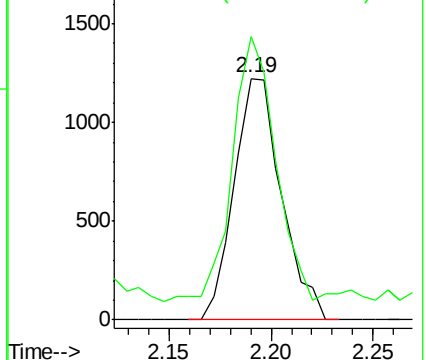
74 100

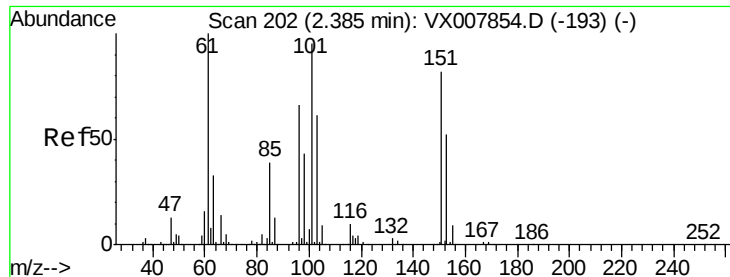
45 101.2 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.169 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

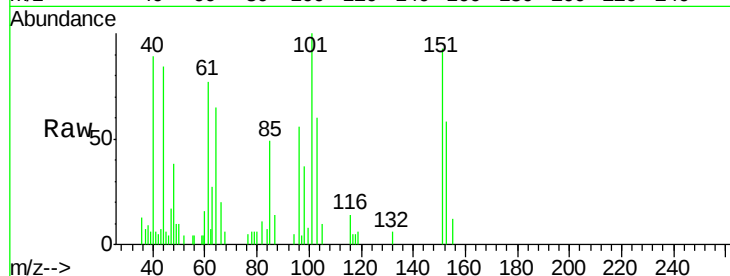
Tgt Ion:101 Resp: 3023

Ion Ratio Lower Upper

101 100

85 45.7 33.8 50.6

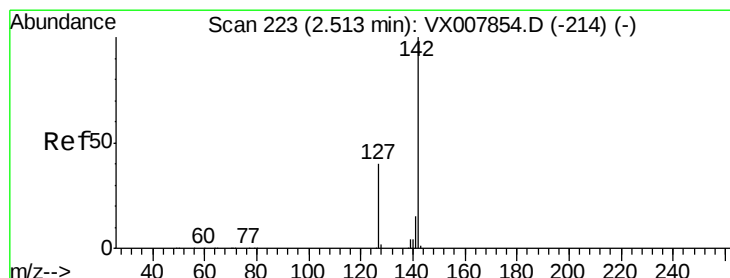
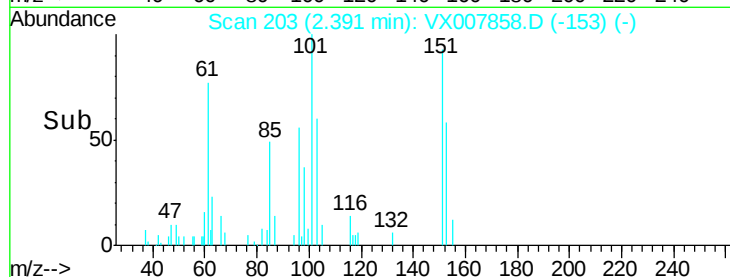
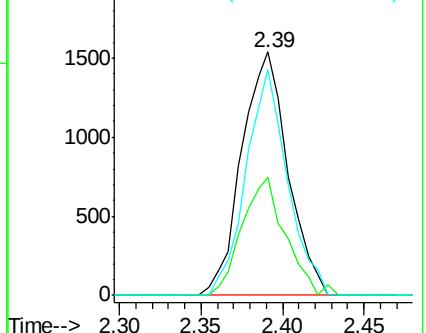
151 83.6 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.831 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

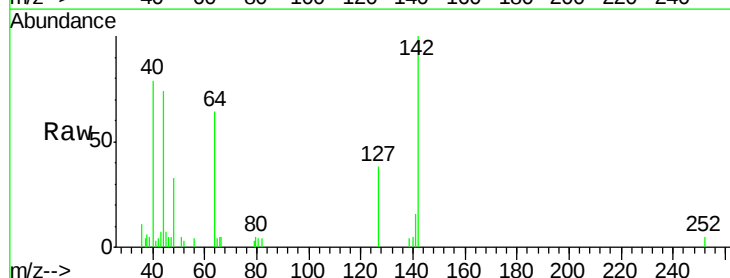
Tgt Ion:142 Resp: 3051

Ion Ratio Lower Upper

142 100

127 42.6 32.1 48.1

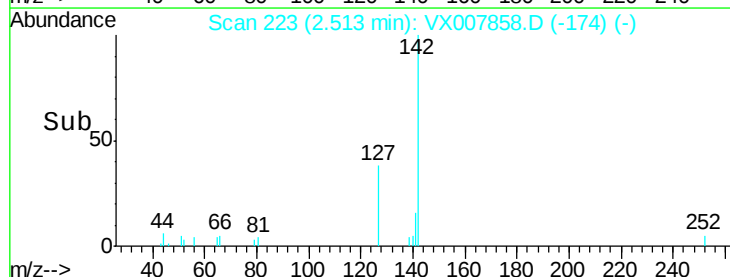
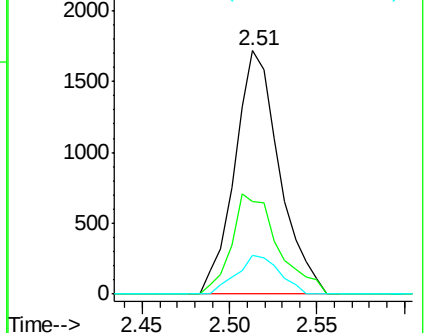
141 15.1 11.4 17.2

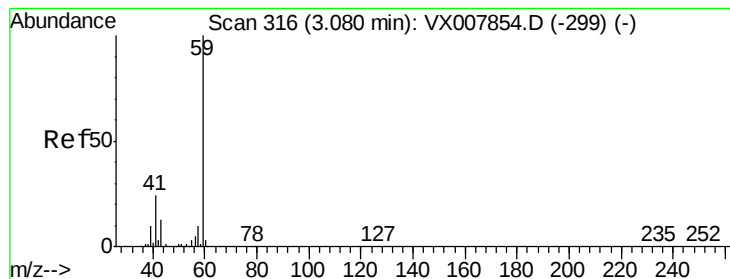


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



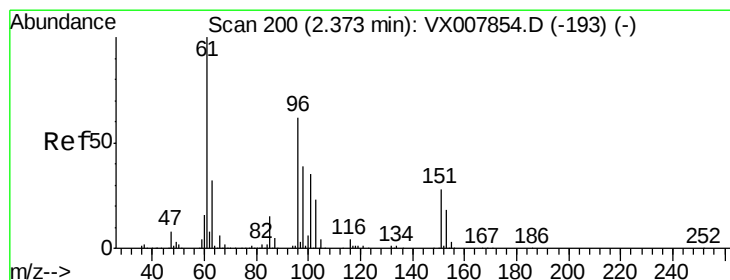
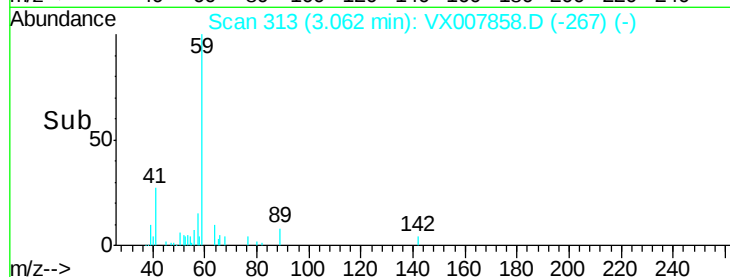
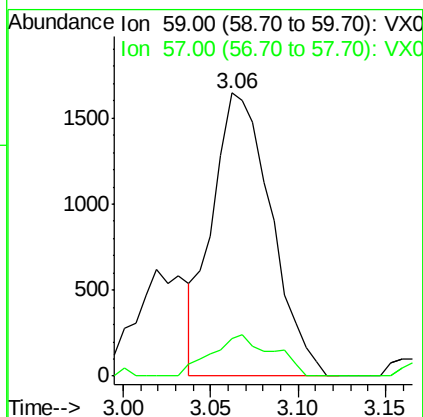
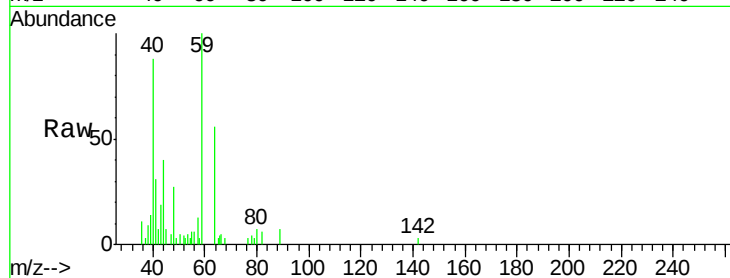


#11

Tert butyl alcohol
 Concen: 5.548 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

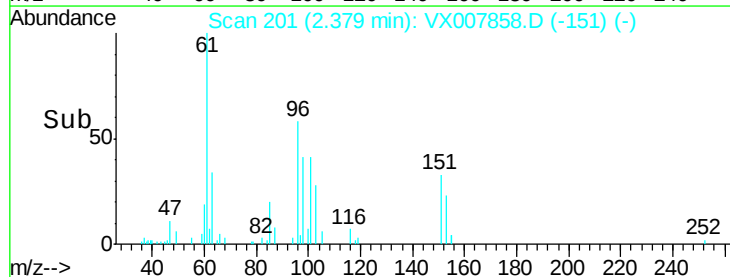
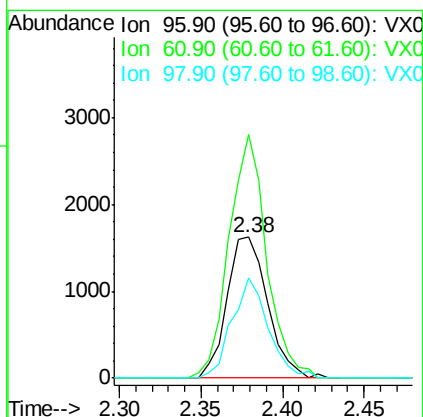
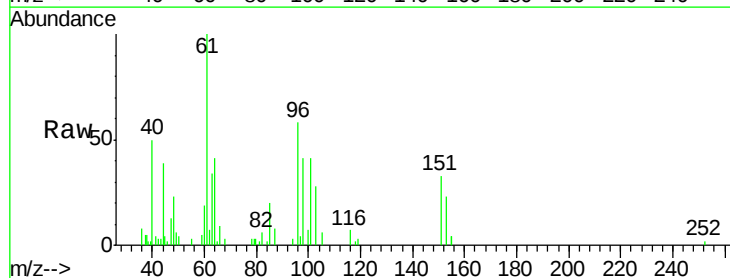
Tgt Ion: 59 Resp: 3836
 Ion Ratio Lower Upper
 59 100
 57 15.3 8.2 12.2#

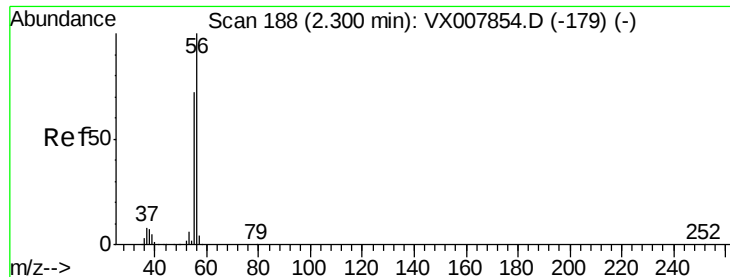


#12

1,1-Dichloroethene
 Concen: 1.132 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 96 Resp: 2823
 Ion Ratio Lower Upper
 96 100
 61 172.4 129.8 194.6
 98 71.0 51.0 76.6





#13

Acrolein

Concen: 7.911 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

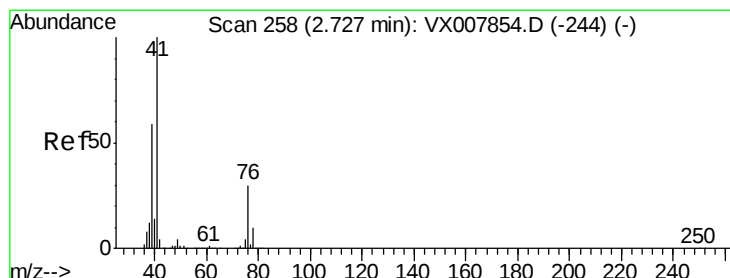
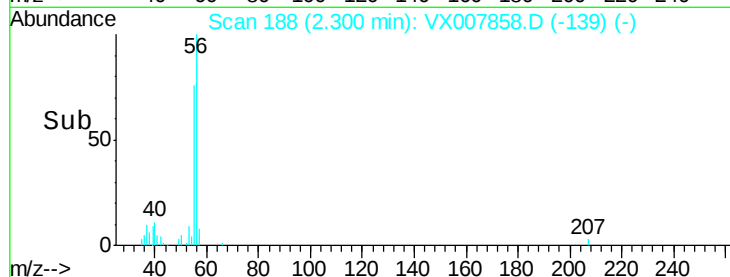
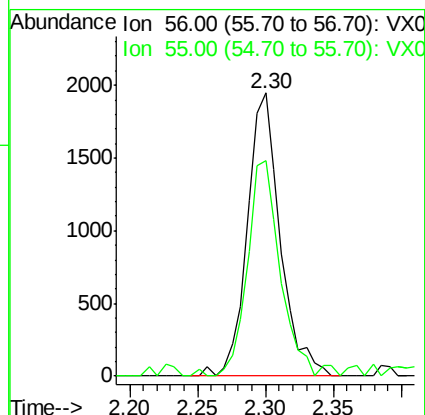
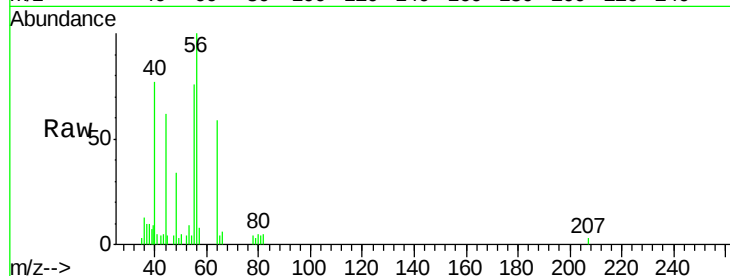
VSTDIC001

Tgt Ion: 56 Resp: 3303

Ion Ratio Lower Upper

56 100

55 76.4 57.8 86.6



#14

Allyl chloride

Concen: 1.082 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

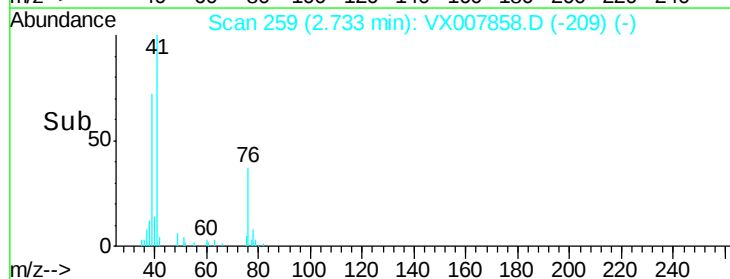
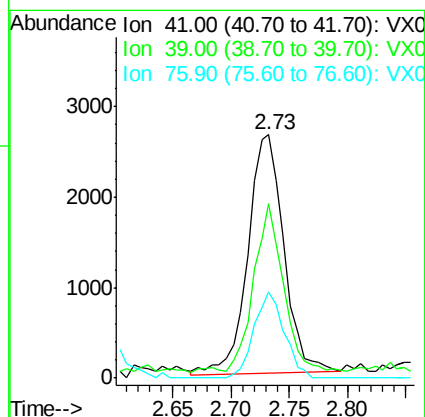
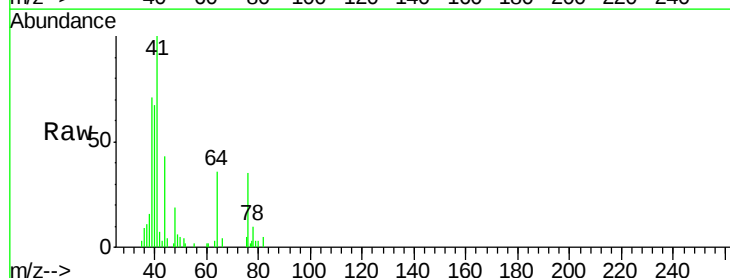
Tgt Ion: 41 Resp: 5672

Ion Ratio Lower Upper

41 100

39 60.0 46.1 69.1

76 30.2 24.0 36.0





#15

Acrylonitrile

Concen: 5.875 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

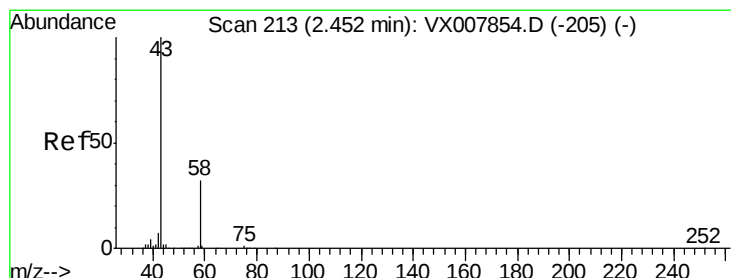
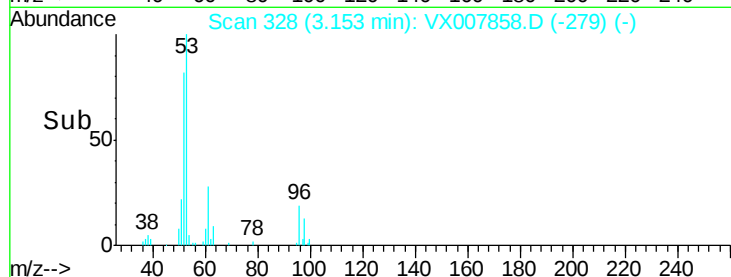
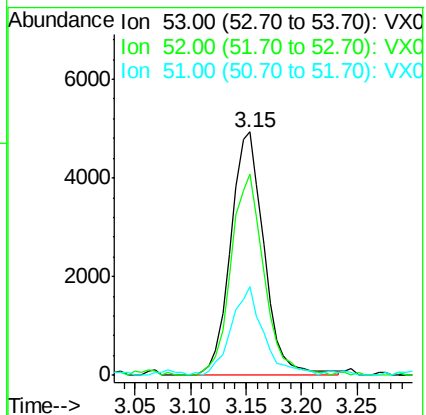
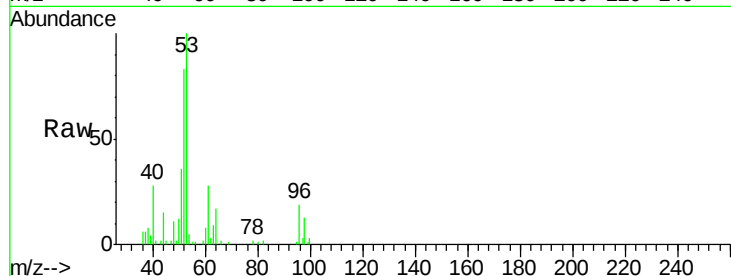
Tgt Ion: 53 Resp: 10253

Ion Ratio Lower Upper

53 100

52 81.7 66.0 99.0

51 35.2 28.0 42.0



#16

Acetone

Concen: 5.066 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007858.D

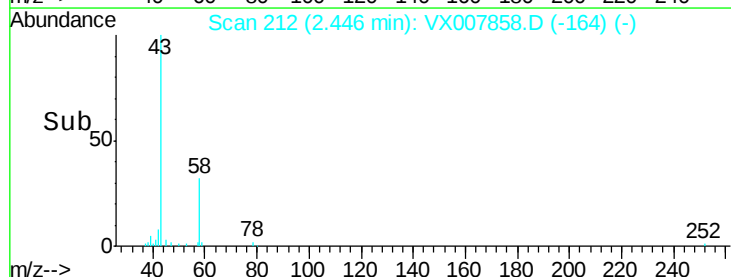
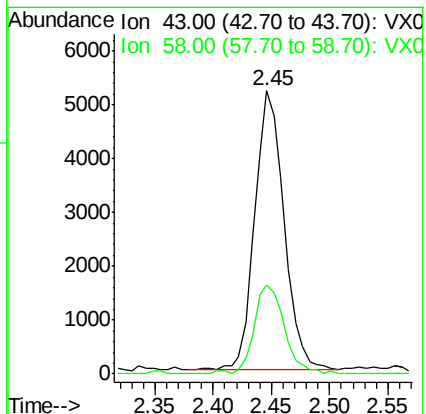
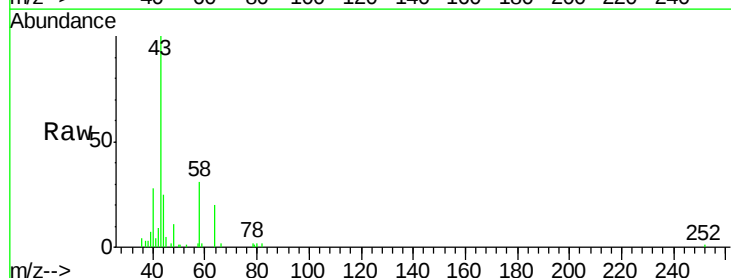
Acq: 06 Mar 2019 12:47

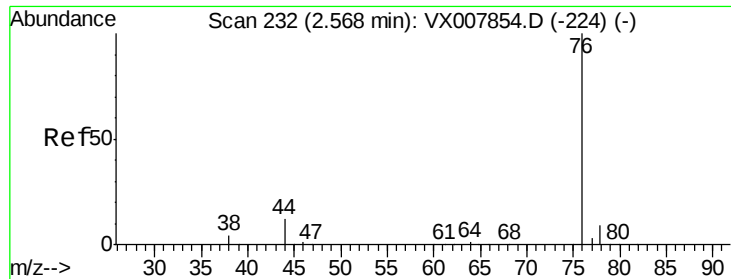
Tgt Ion: 43 Resp: 9066

Ion Ratio Lower Upper

43 100

58 31.9 25.5 38.3

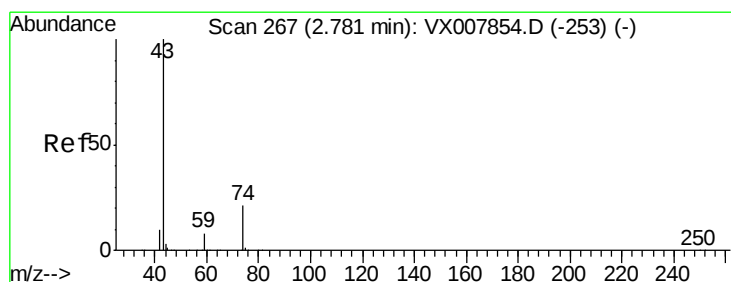
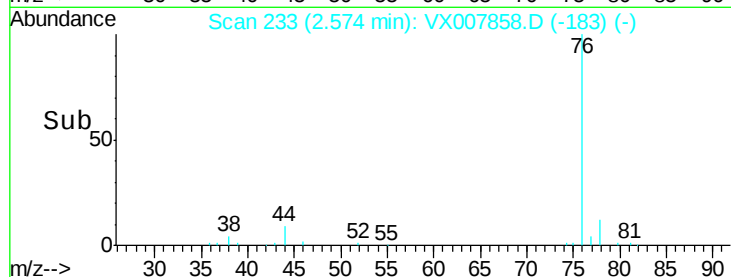
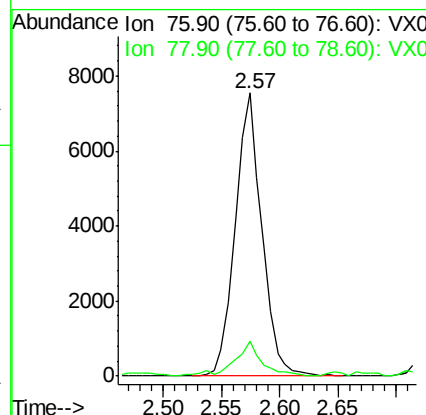
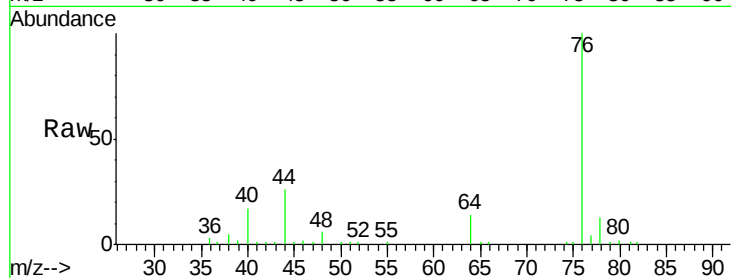




#17
Carbon Disulfide
Concen: 1.434 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

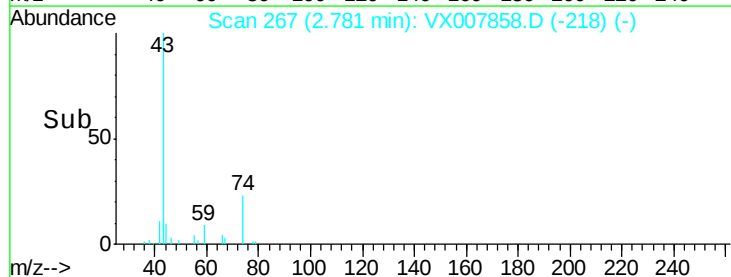
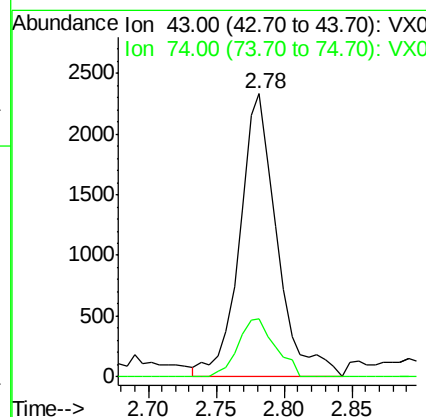
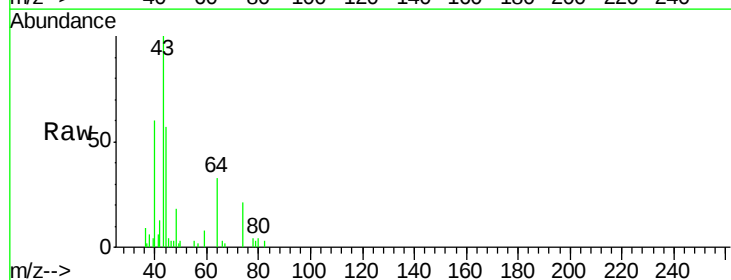
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

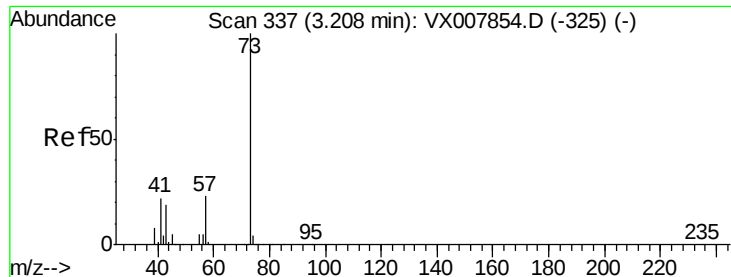
Tgt Ion: 76 Resp: 12004
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#



#18
Methyl Acetate
Concen: 1.167 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 43 Resp: 4438
Ion Ratio Lower Upper
43 100
74 20.6 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 1.053 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

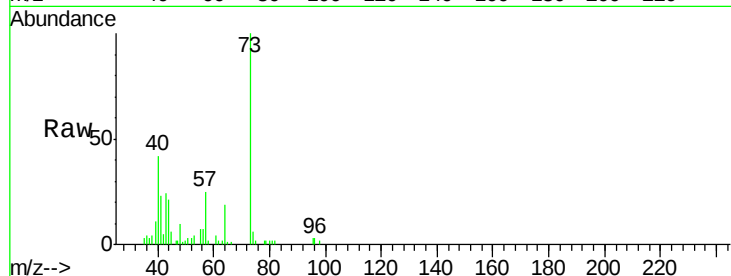
VSTDIC001

Tgt Ion: 73 Resp: 9031

Ion Ratio Lower Upper

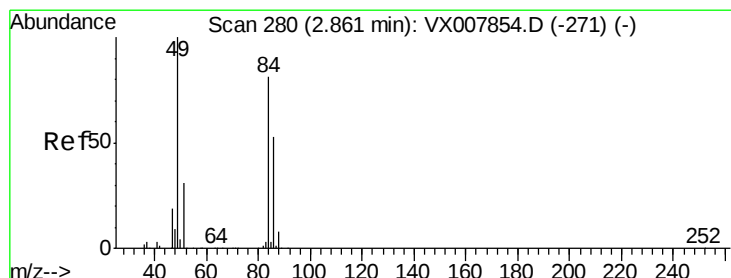
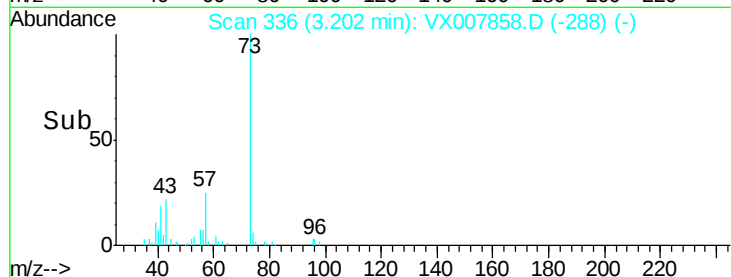
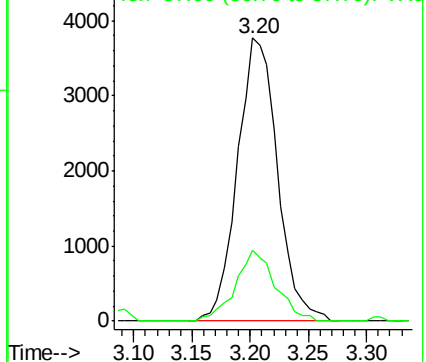
73 100

57 24.9 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: 1.233 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion: 84 Resp: 3512

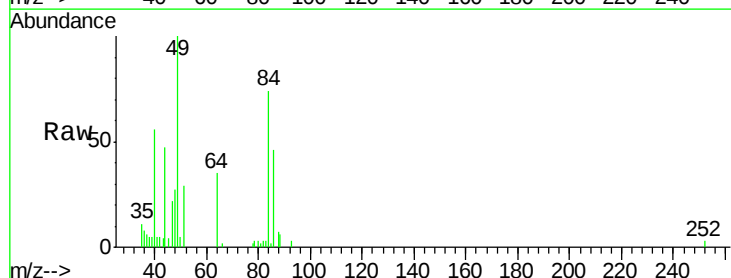
Ion Ratio Lower Upper

84 100

49 134.4 99.3 148.9

51 35.8 31.3 46.9

86 62.5 52.6 79.0

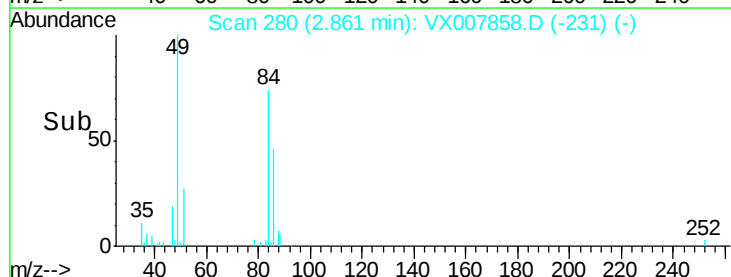
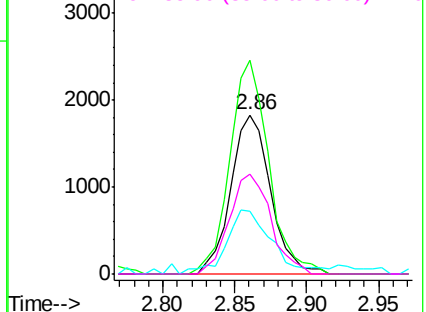


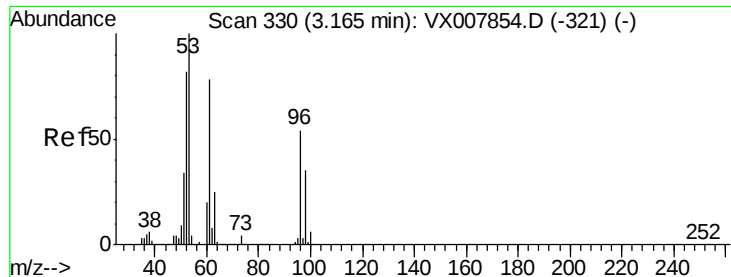
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 1.234 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

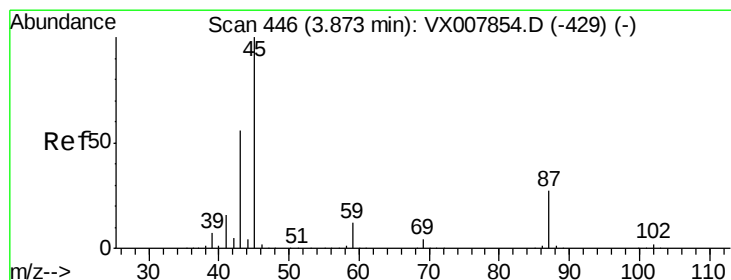
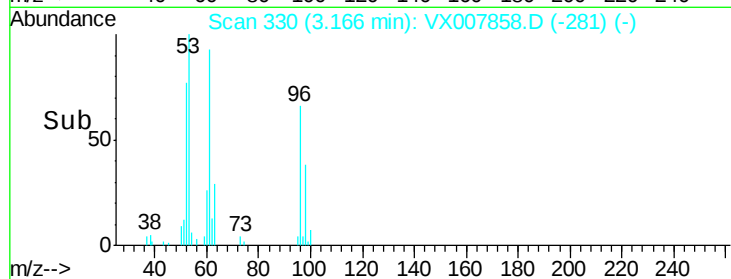
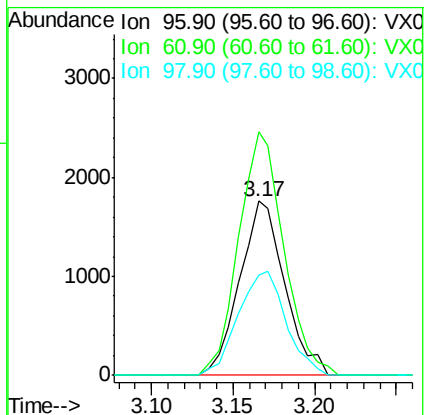
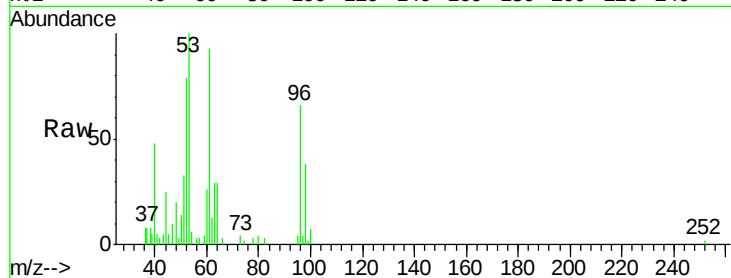
Tgt Ion: 96 Resp: 3387

Ion Ratio Lower Upper

96 100

61 139.9 114.4 171.6

98 57.9 51.1 76.7



#22

Diisopropyl ether

Concen: 1.078 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion: 45 Resp: 10359

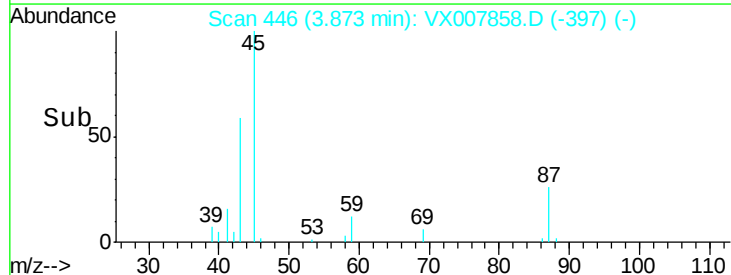
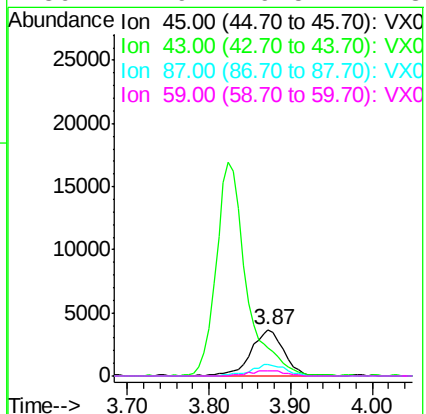
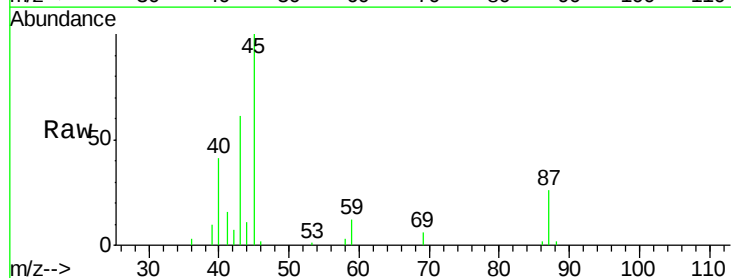
Ion Ratio Lower Upper

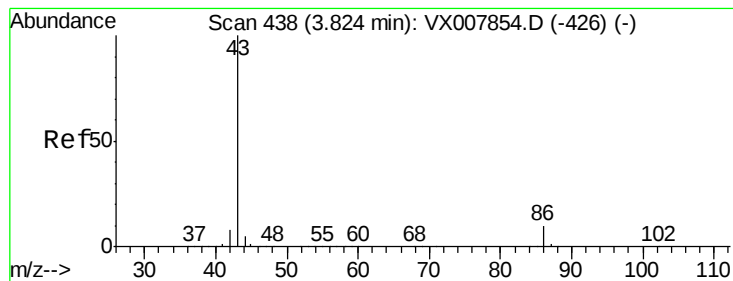
45 100

43 59.2 45.3 67.9

87 25.8 21.4 32.0

59 11.9 9.5 14.3





#23

Vinyl Acetate

Concen: 5.208 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

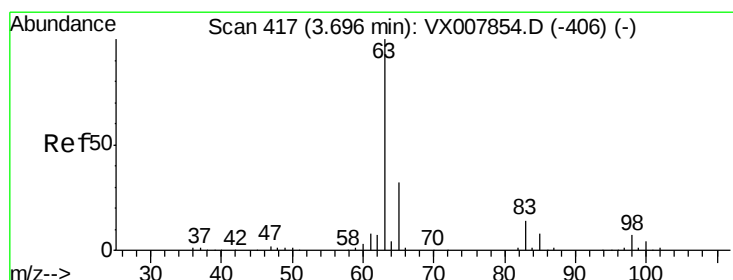
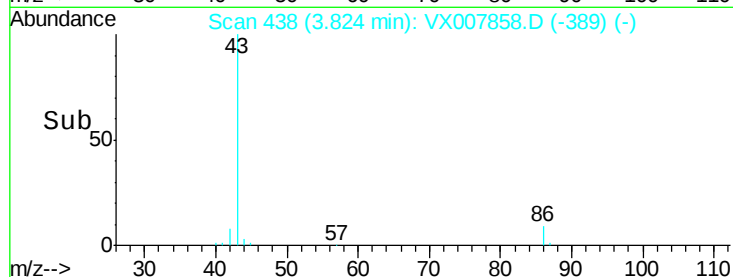
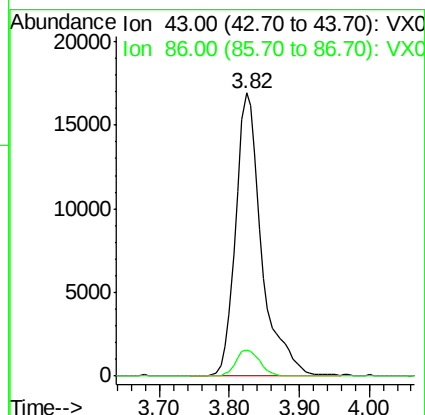
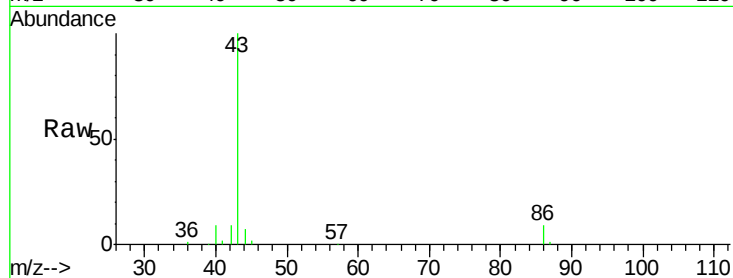
VSTDIC001

Tgt Ion: 43 Resp: 43870

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



#24

1,1-Dichloroethane

Concen: 1.068 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

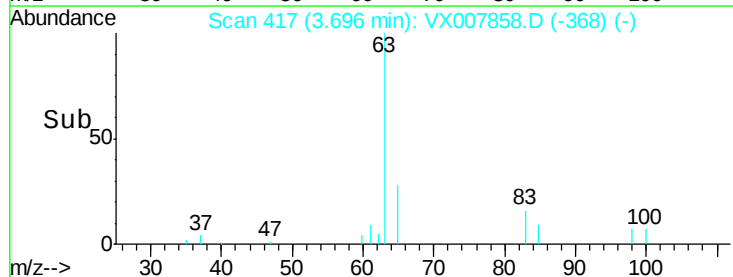
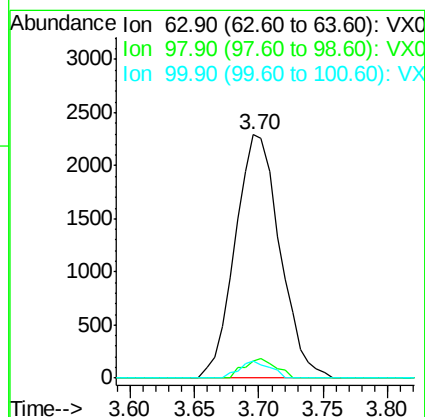
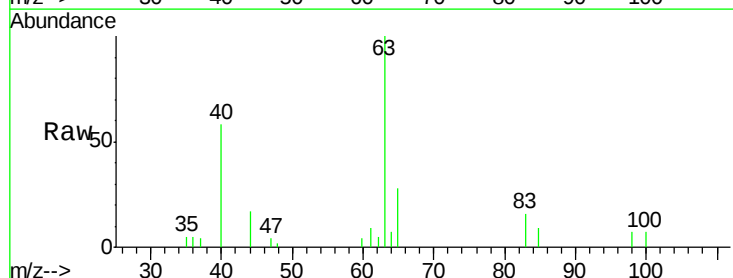
Tgt Ion: 63 Resp: 5523

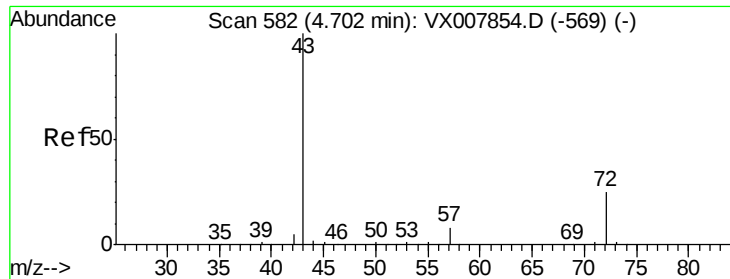
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 7.1 2.3 6.8#





#25

2-Butanone

Concen: 5.252 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

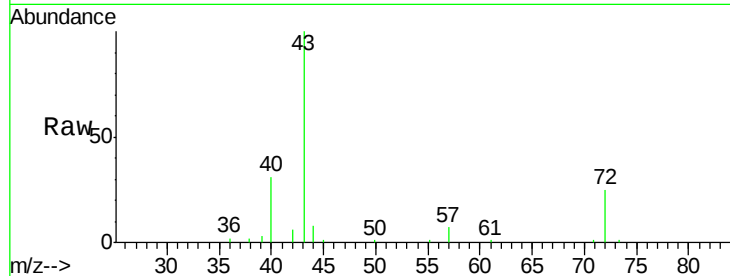
VSTDIC001

Tgt Ion: 43 Resp: 13305

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

4.70

4000

3000

2000

1000

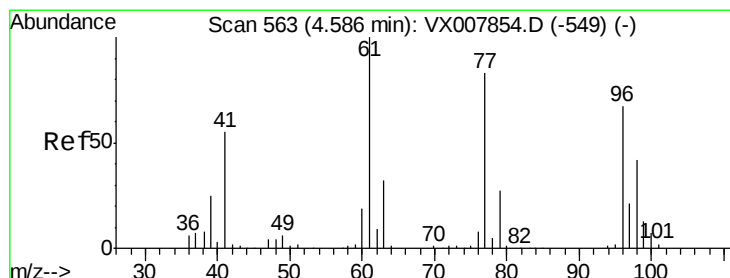
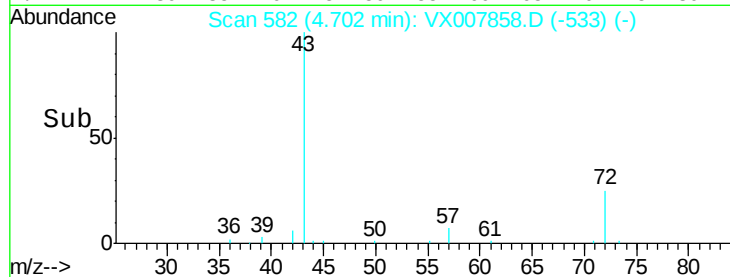
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 1.008 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007858.D

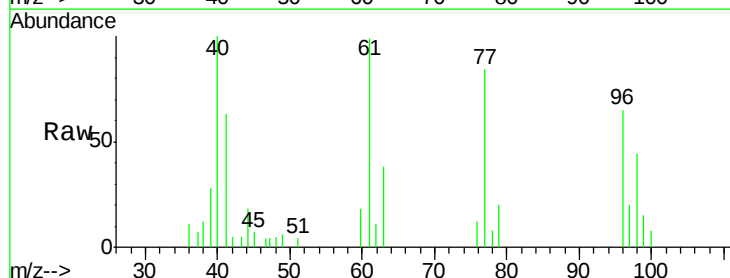
Acq: 06 Mar 2019 12:47

Tgt Ion: 77 Resp: 3452

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

1000

500

0

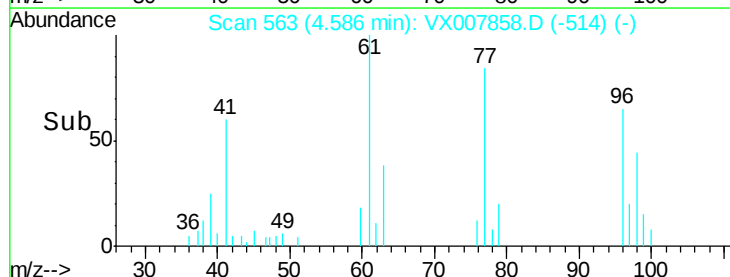
4.50

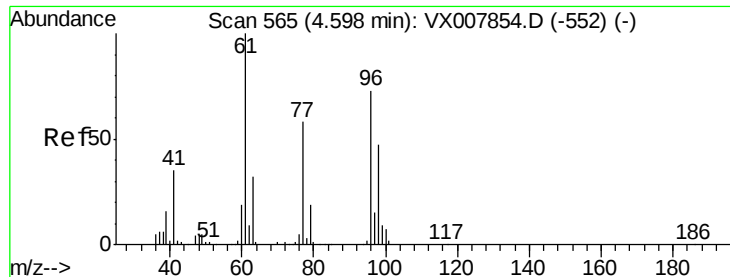
4.55

4.60

4.65

Time-->



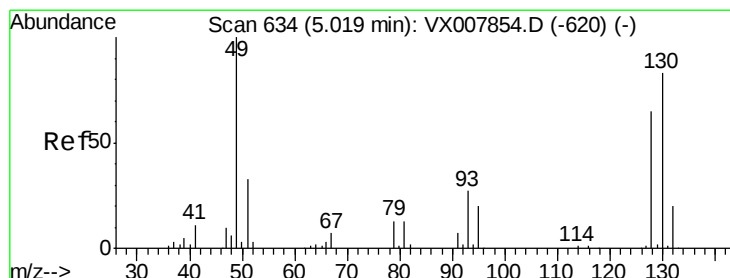
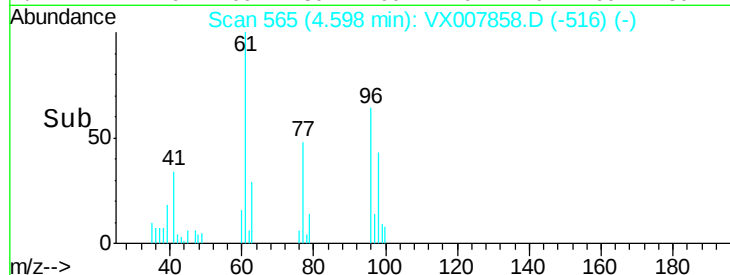
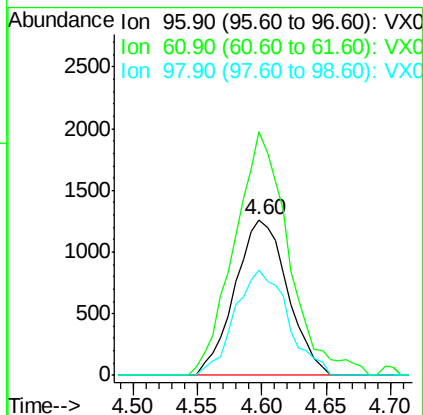
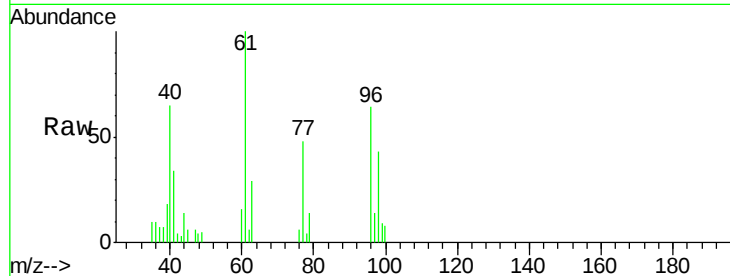


#27

cis-1,2-Dichloroethene
Concen: 1.139 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

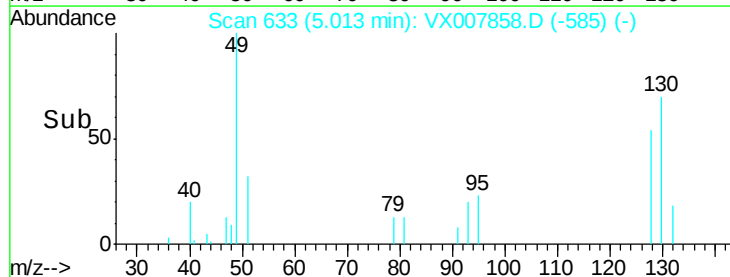
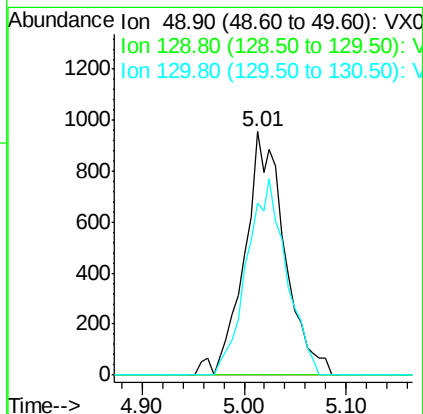
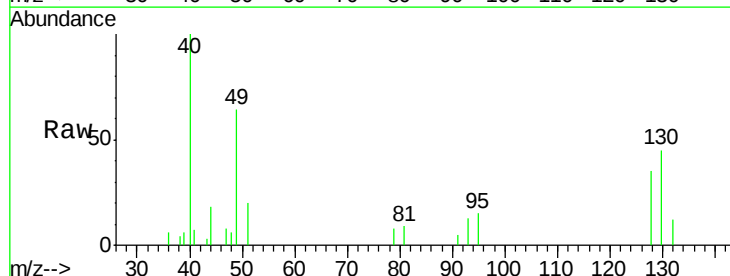
Tgt Ion: 96 Resp: 3575
Ion Ratio Lower Upper
96 100
61 161.8 0.0 288.0
98 68.2 0.0 129.0



#28

Bromochloromethane
Concen: 1.088 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 49 Resp: 2623
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 79.3 65.0 97.4

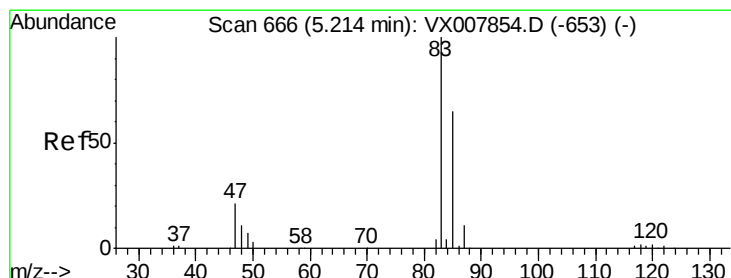
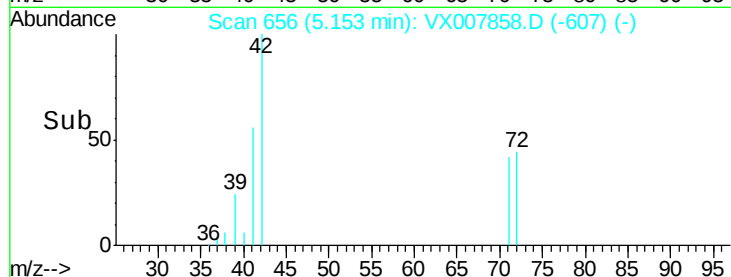
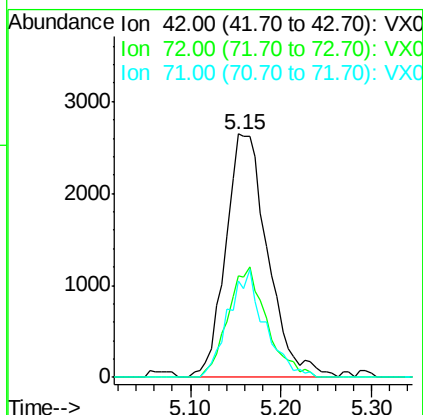
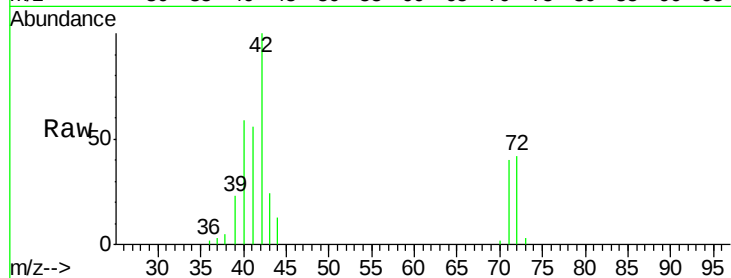




#29
Tetrahydrofuran
Concen: 5.415 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

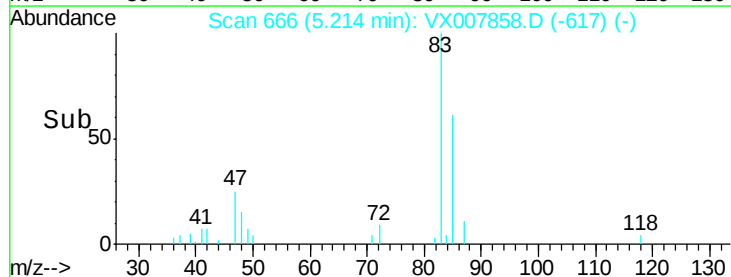
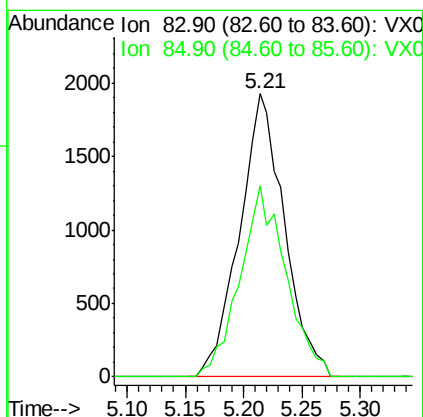
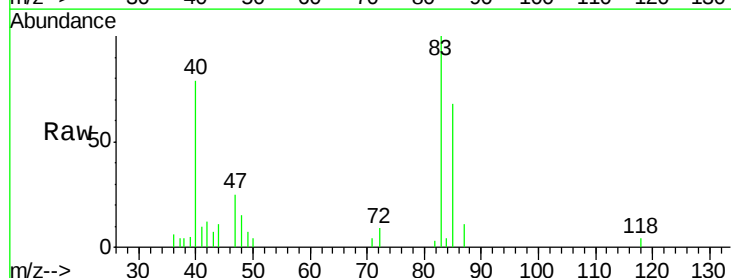
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

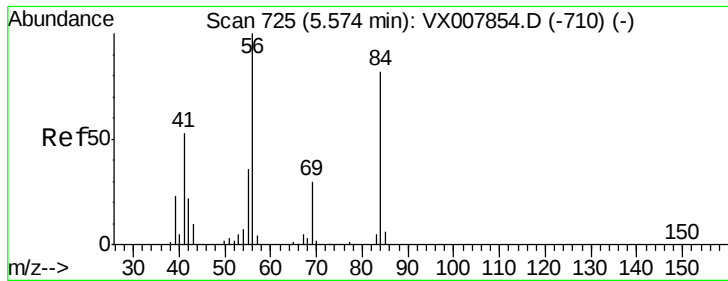
Tgt Ion: 42 Resp: 8558
Ion Ratio Lower Upper
42 100
72 41.6 33.8 50.6
71 38.3 31.5 47.3



#30
Chloroform
Concen: 1.054 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 83 Resp: 5155
Ion Ratio Lower Upper
83 100
85 67.5 51.8 77.6

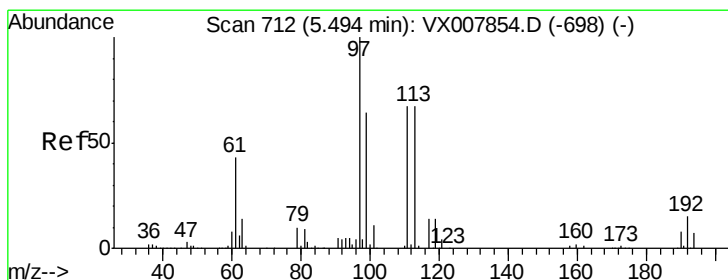
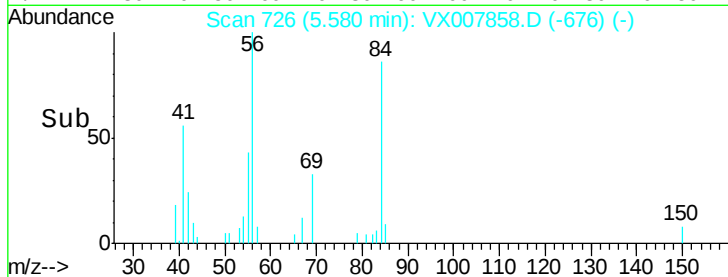
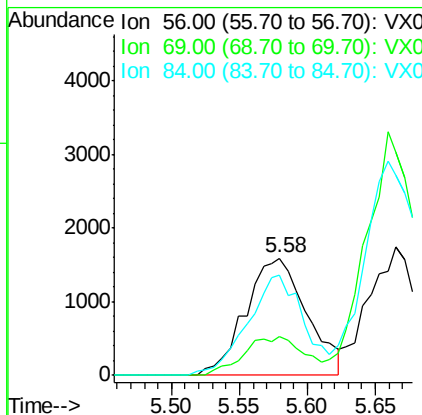
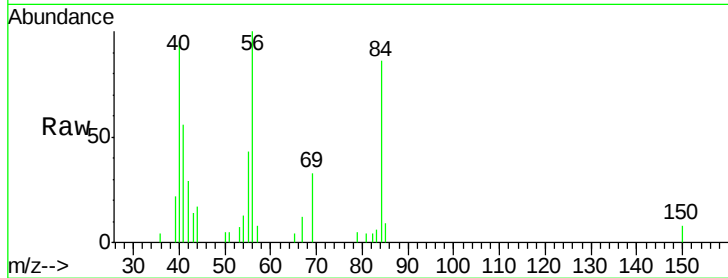




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

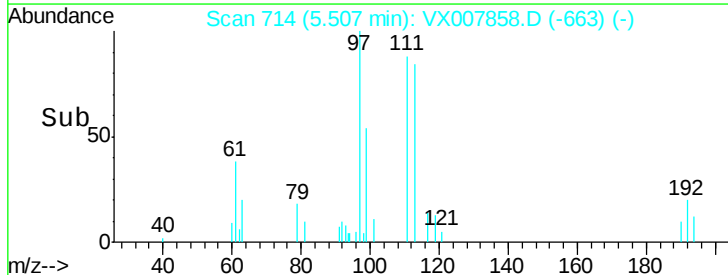
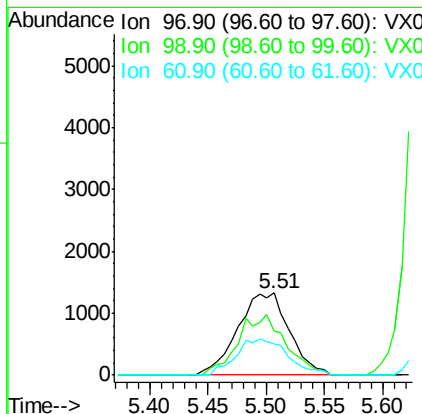
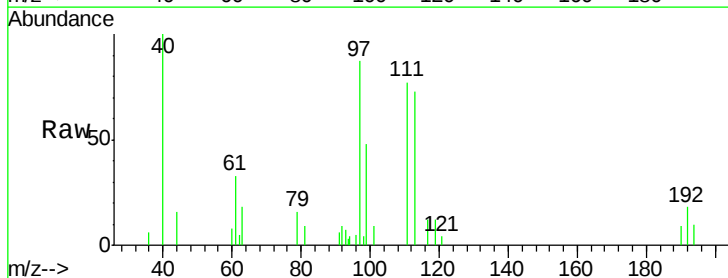
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

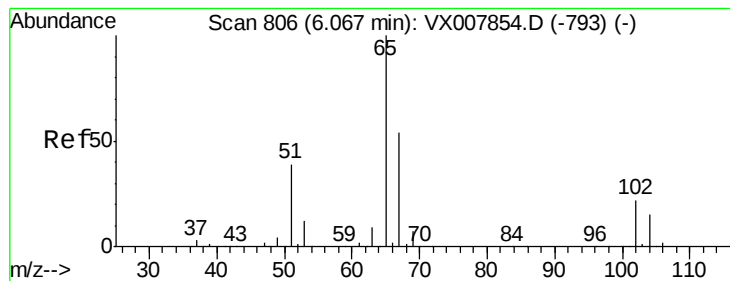
Tgt Ion: 56 Resp: 4988
Ion Ratio Lower Upper
56 100
69 33.2 24.0 36.0
84 85.6 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 1.005 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 97 Resp: 4077
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 44.7 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 1.335 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

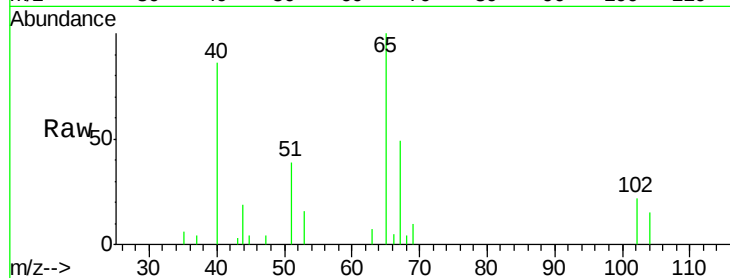
VSTDIC001

Tgt Ion: 65 Resp: 4127

Ion Ratio Lower Upper

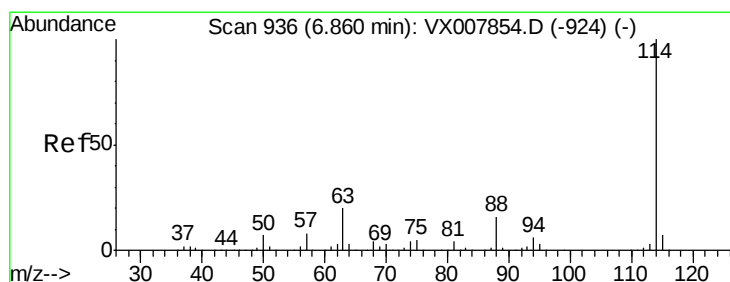
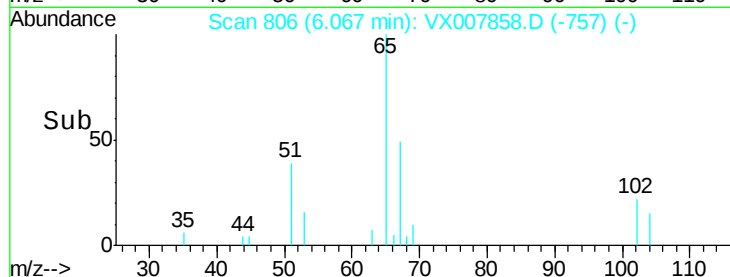
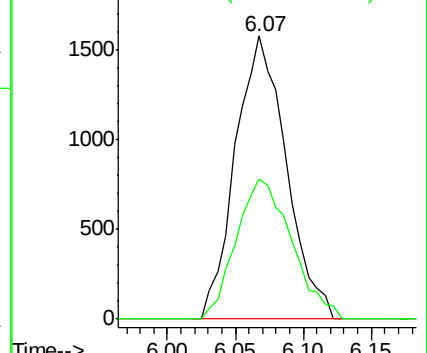
65 100

67 53.9 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: VX007858.D

Acq: 06 Mar 2019 12:47

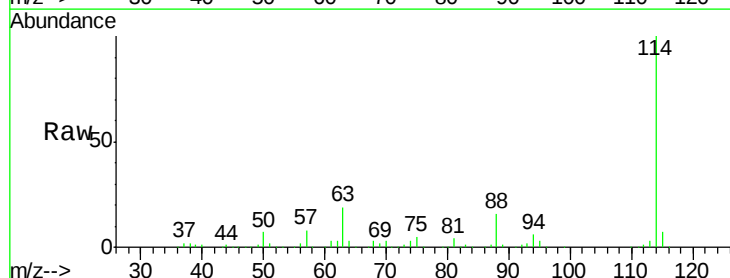
Tgt Ion: 114 Resp: 430226

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

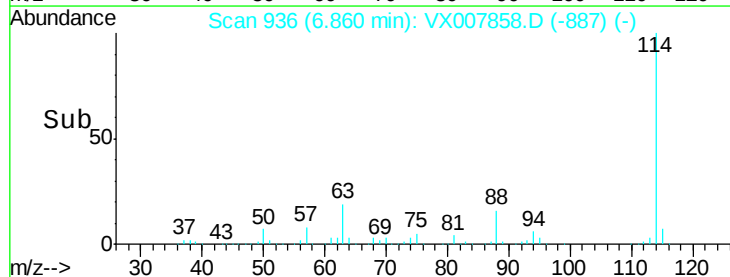
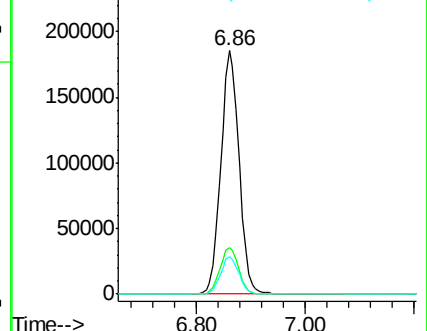
88 15.5 0.0 31.4

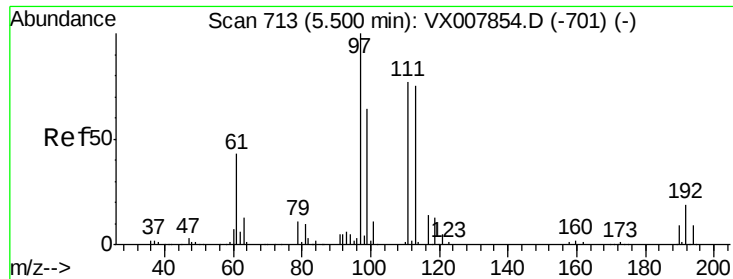


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

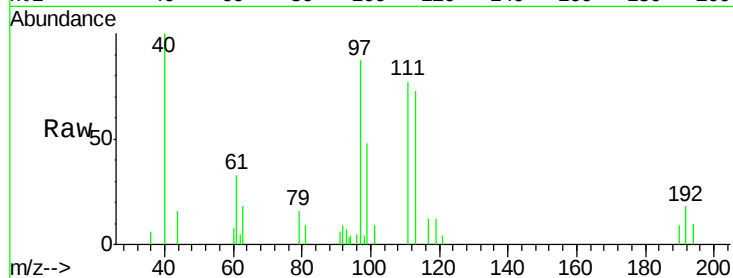




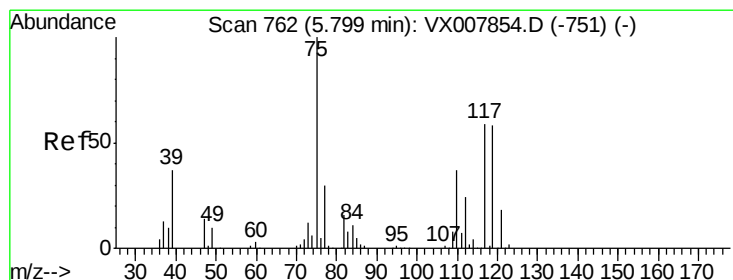
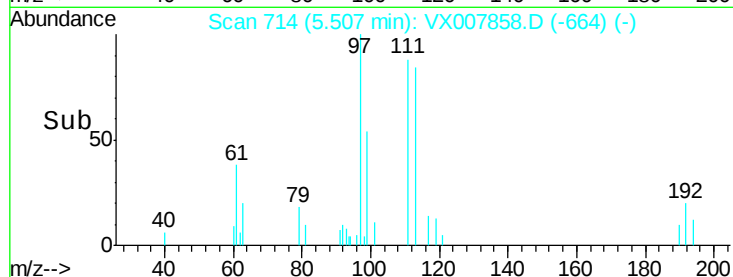
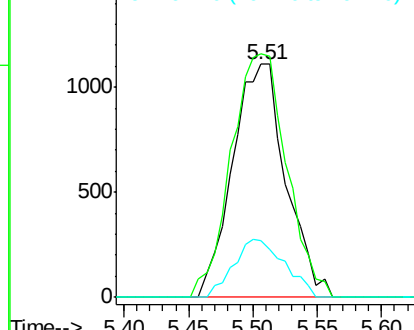
#35
 Dibromofluoromethane
 Concen: 1.161 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:113 Resp: 3196
 Ion Ratio Lower Upper
 113 100
 111 108.7 81.4 122.0
 192 23.7 19.4 29.0

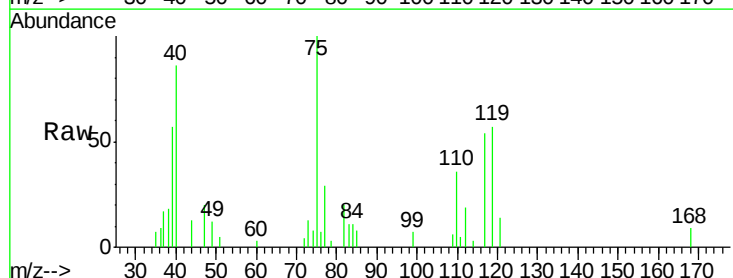


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

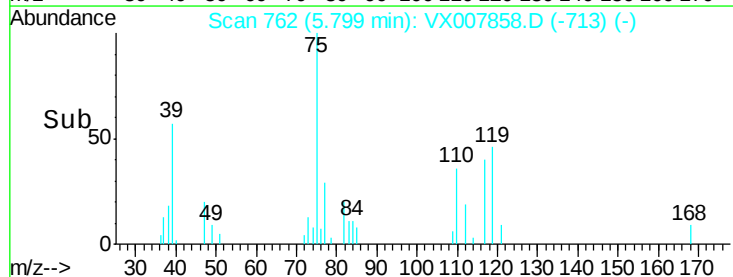
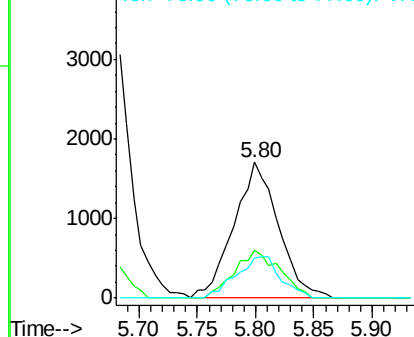


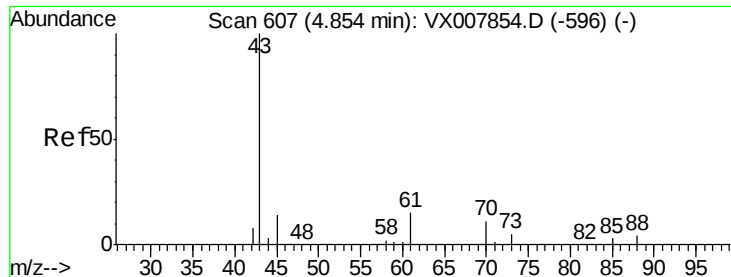
#36
 1,1-Dichloropropene
 Concen: 1.169 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 75 Resp: 4555
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.4 55.0
 77 30.1 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: 1.149 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

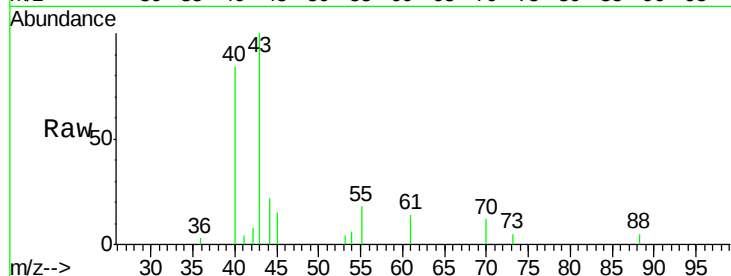
Tgt Ion: 43 Resp: 5311

Ion Ratio Lower Upper

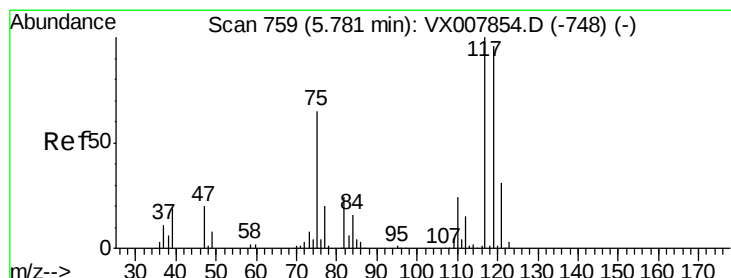
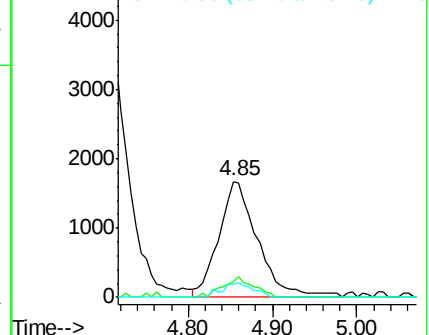
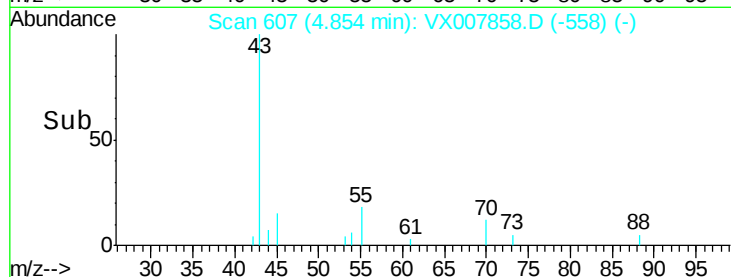
43 100

61 13.9 11.3 16.9

70 10.1 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX007858.D (-558) (-)



#38

Carbon Tetrachloride

Concen: 1.016 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

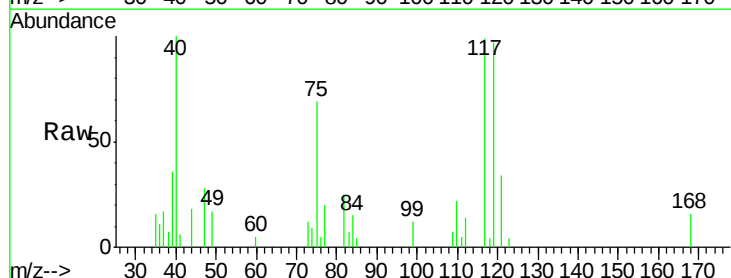
Tgt Ion: 117 Resp: 3757

Ion Ratio Lower Upper

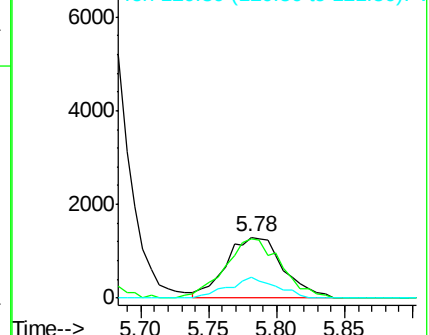
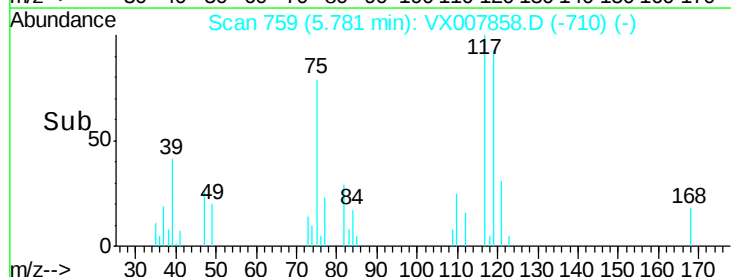
117 100

119 98.1 76.2 114.2

121 34.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): VX007858.D (-710) (-)

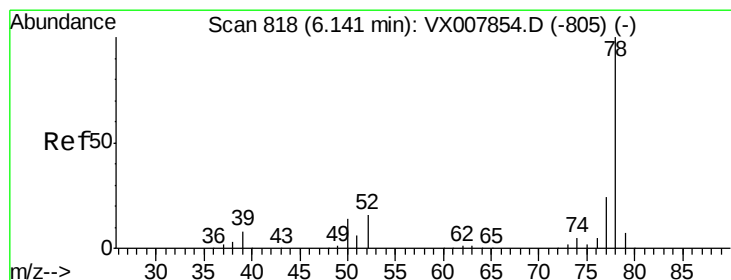
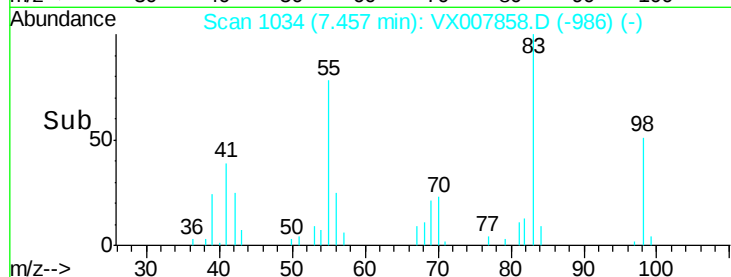
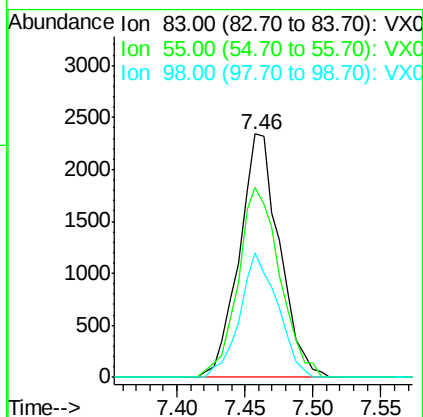
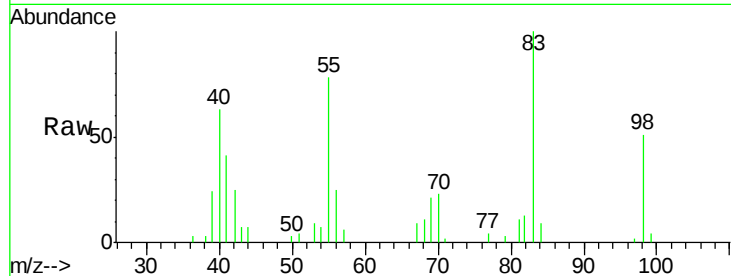




#39
Methylcyclohexane
Concen: 1.026 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

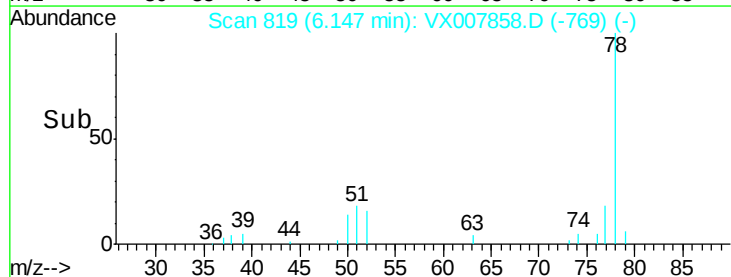
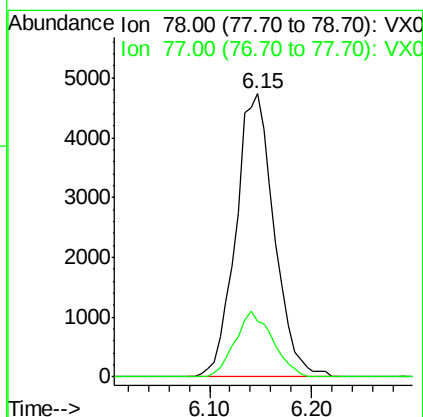
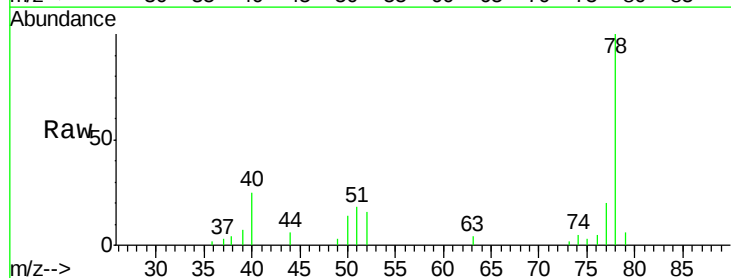
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

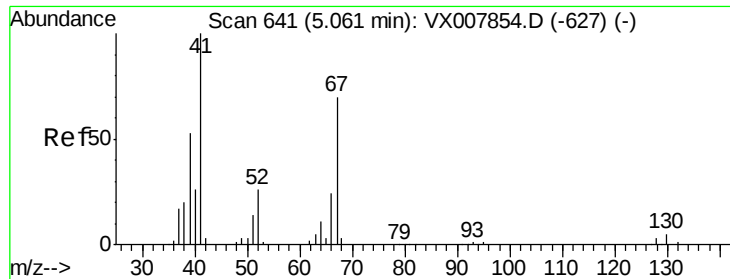
Tgt Ion: 83 Resp: 4841
Ion Ratio Lower Upper
83 100
55 78.2 60.4 90.6
98 51.3 36.5 54.7



#40
Benzene
Concen: 1.066 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 78 Resp: 12368
Ion Ratio Lower Upper
78 100
77 19.7 19.0 28.4

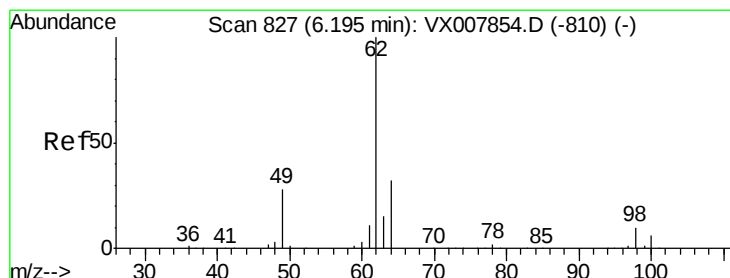
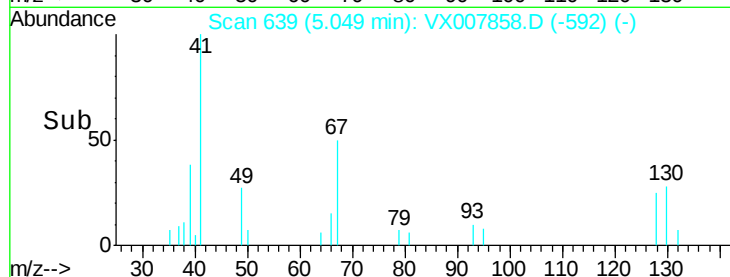
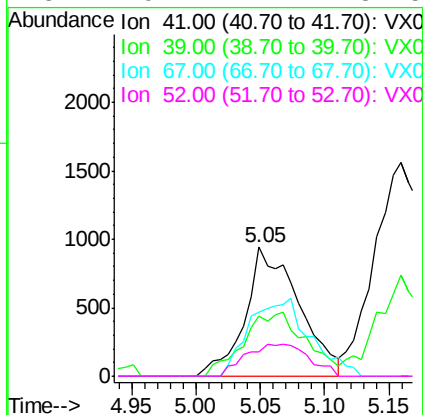
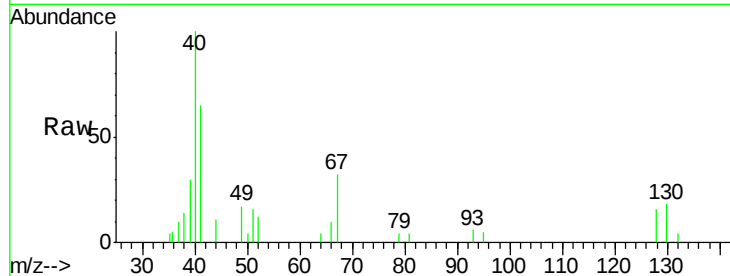




#41
Methacrylonitrile
Concen: 1.082 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

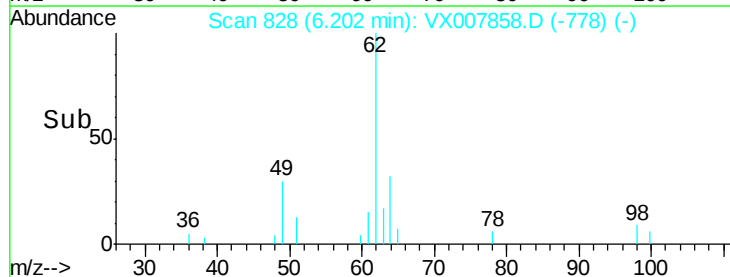
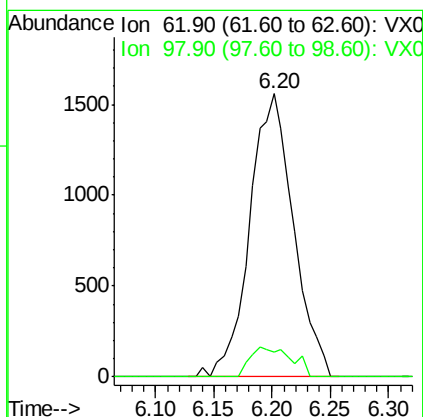
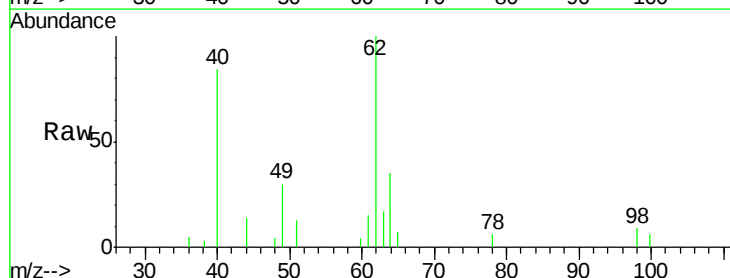
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

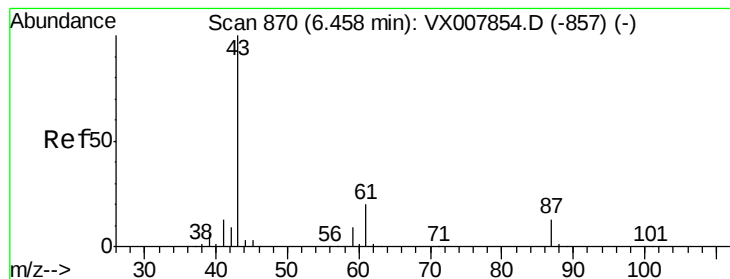
Tgt Ion: 41 Resp: 2728
Ion Ratio Lower Upper
41 100
39 0.0 41.6 62.4#
67 0.0 55.8 83.6#
52 29.1 21.7 32.5



#42
1,2-Dichloroethane
Concen: 1.073 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 62 Resp: 4068
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 1.018 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

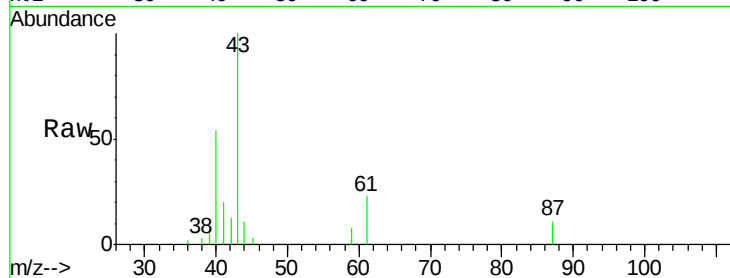
Tgt Ion: 43 Resp: 6967

Ion Ratio Lower Upper

43 100

61 21.2 16.3 24.5

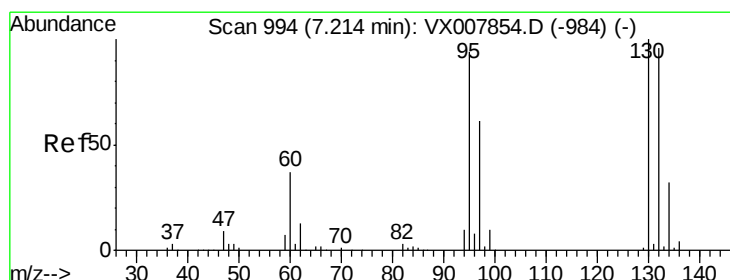
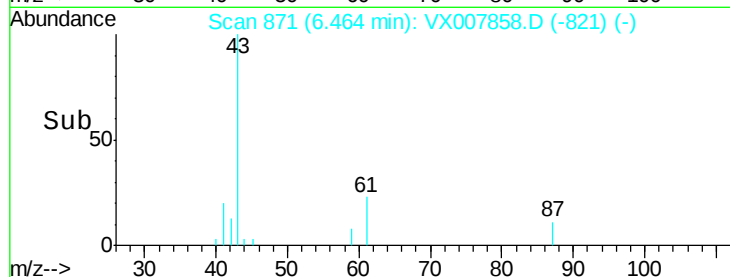
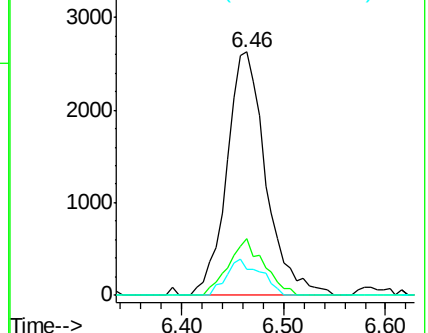
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX007858.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX007858.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX007858.D (-821) (-)



#44

Trichloroethene

Concen: 1.174 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007858.D

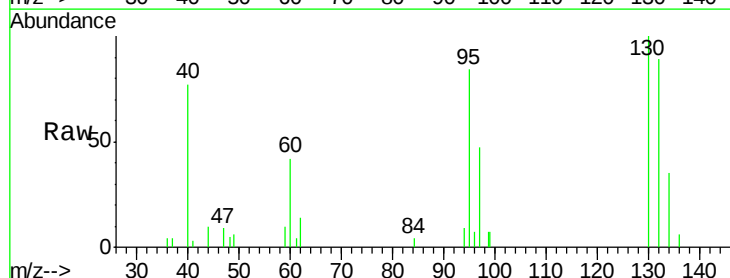
Acq: 06 Mar 2019 12:47

Tgt Ion: 130 Resp: 3752

Ion Ratio Lower Upper

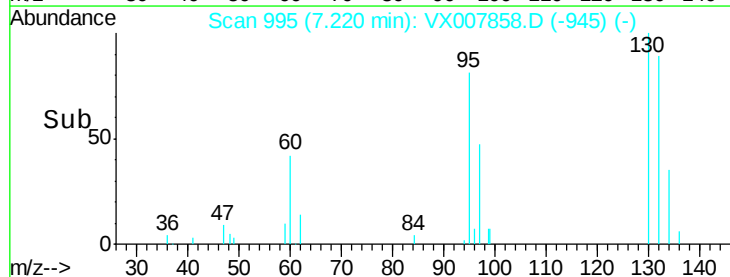
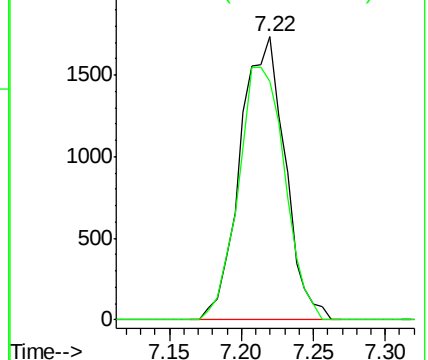
130 100

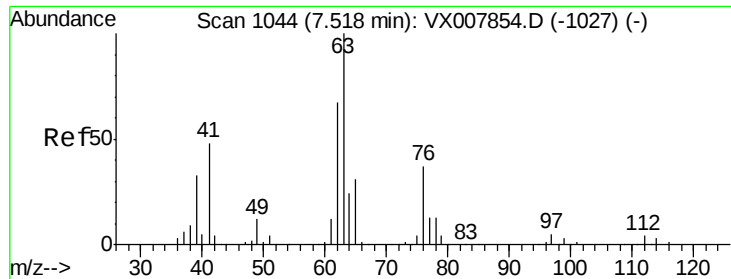
95 84.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX007858.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX007858.D (-945) (-)

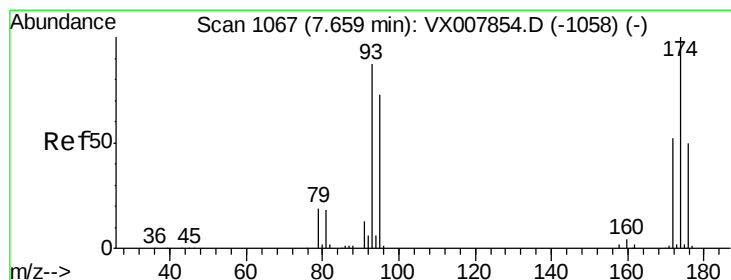
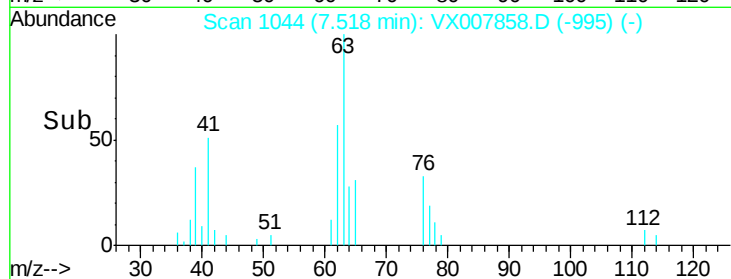
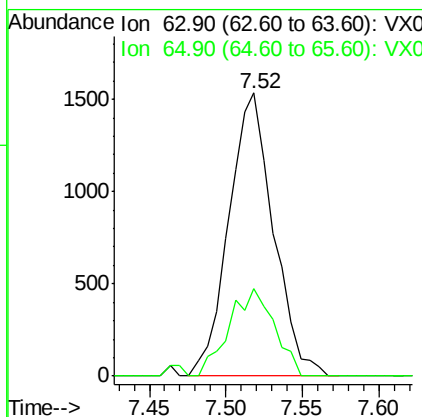
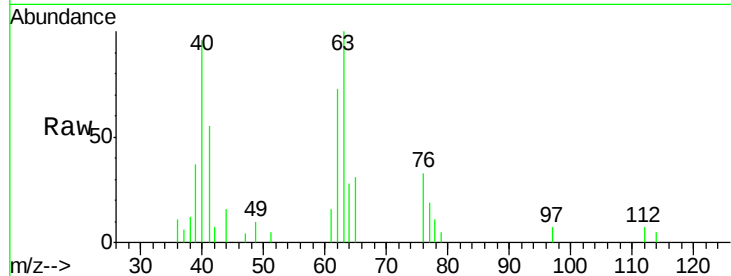




#45
 1,2-Dichloropropane
 Concen: 1.014 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

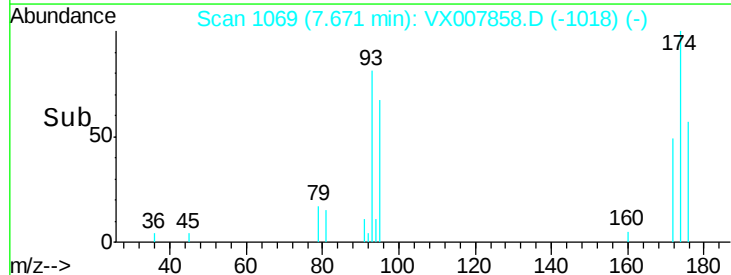
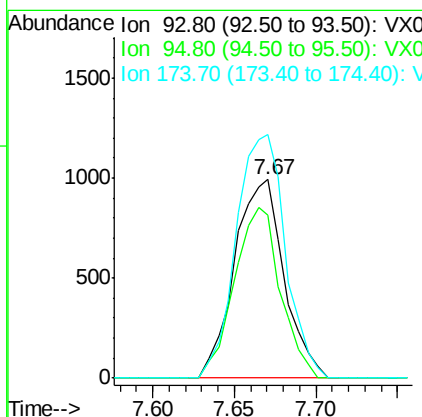
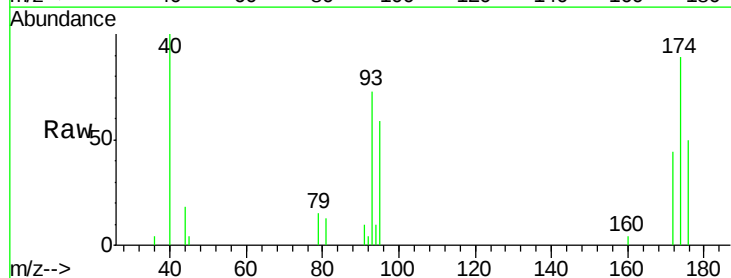
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

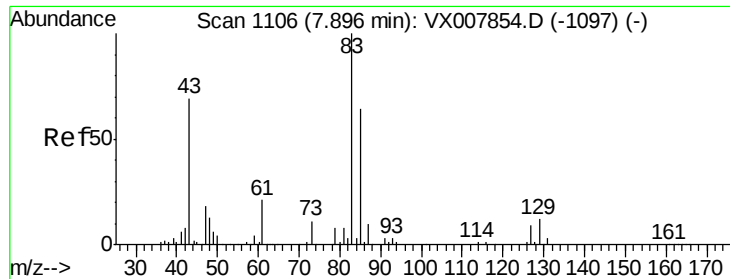
Tgt Ion: 63 Resp: 3107
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 1.075 ug/l
 RT: 7.67 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 93 Resp: 2084
 Ion Ratio Lower Upper
 93 100
 95 80.2 66.8 100.2
 174 122.1 97.3 145.9





#47

Bromodichloromethane

Concen: 0.974 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

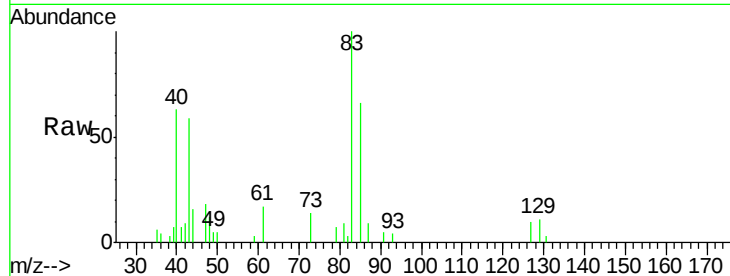
Tgt Ion: 83 Resp: 3578

Ion Ratio Lower Upper

83 100

85 66.5 50.9 76.3

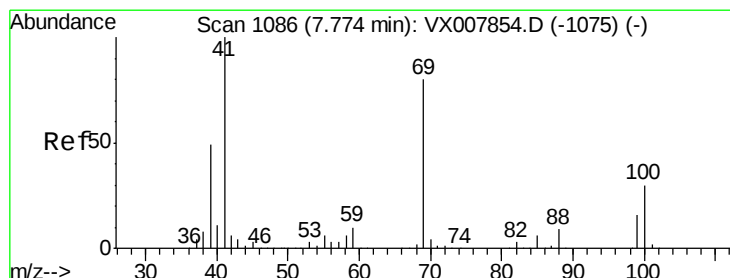
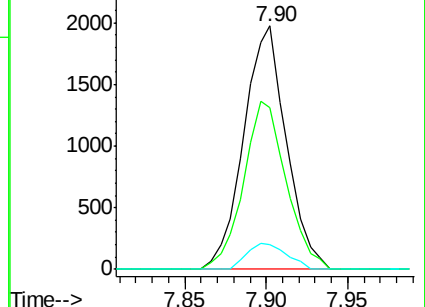
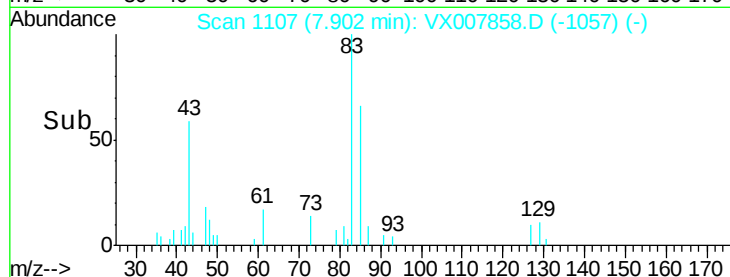
127 10.3 7.4 11.0



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: 1.063 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

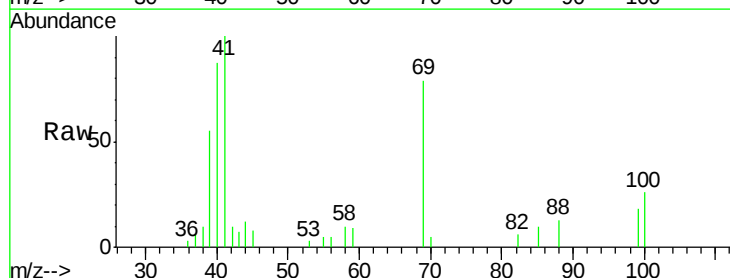
Tgt Ion: 41 Resp: 3822

Ion Ratio Lower Upper

41 100

69 72.5 65.2 97.8

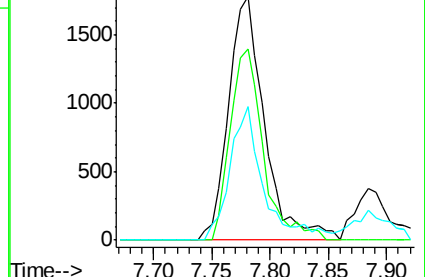
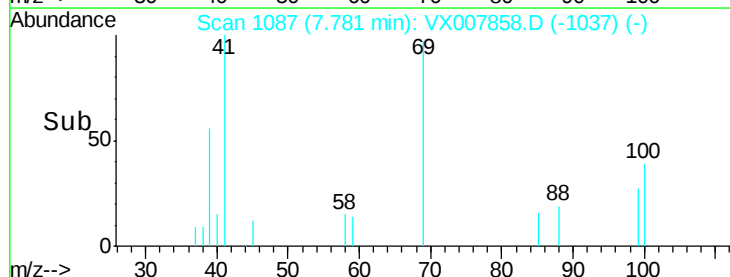
39 51.4 39.4 59.2

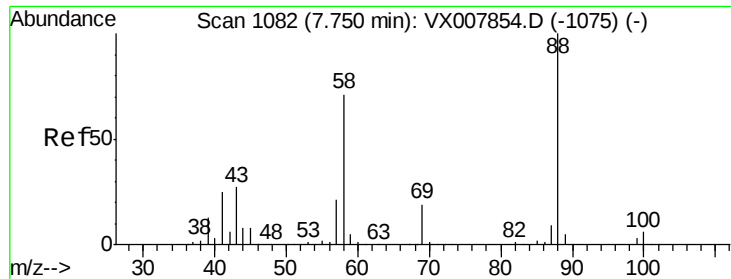


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

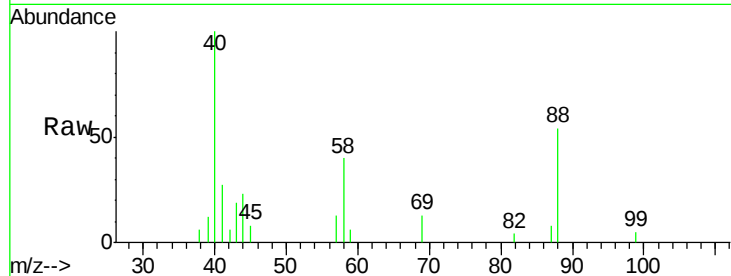




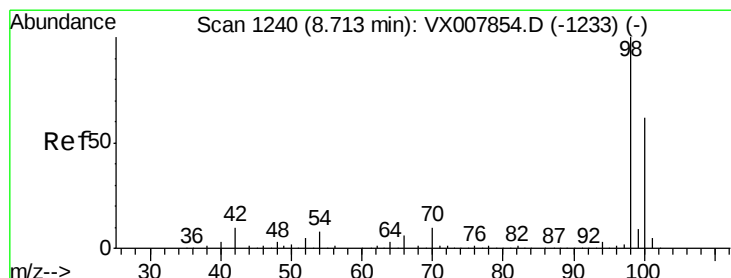
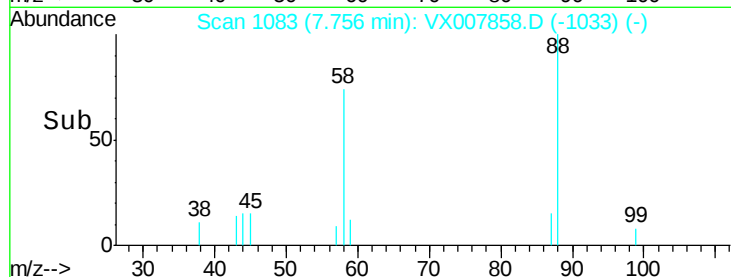
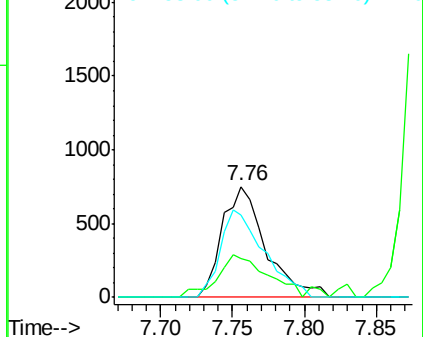
#49
1,4-Dioxane
Concen: 21.437 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 1584
Ion Ratio Lower Upper
88 100
43 43.8 25.1 37.7#
58 79.4 57.8 86.6

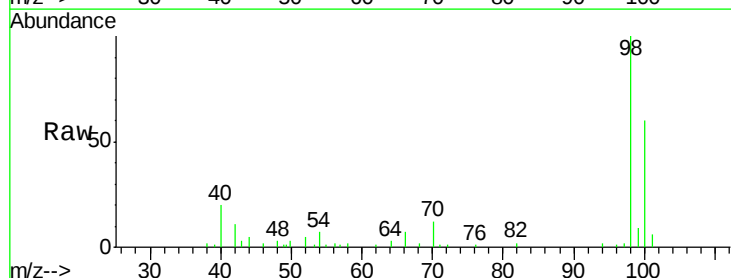


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

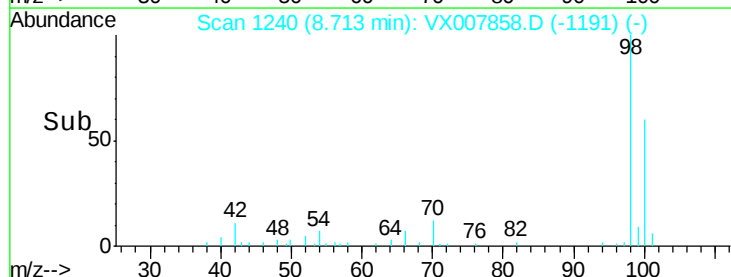
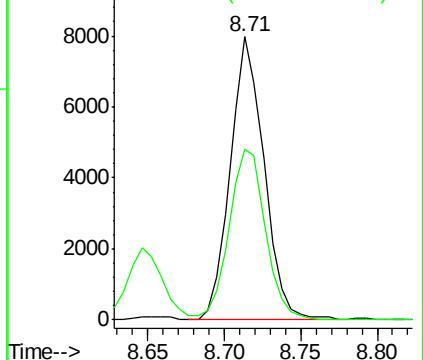


#50
Toluene-d8
Concen: 1.207 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 98 Resp: 12200
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 5.021 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

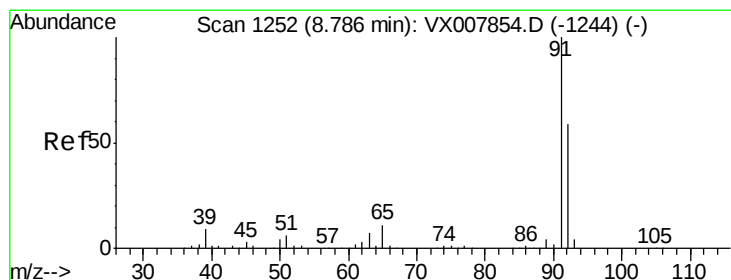
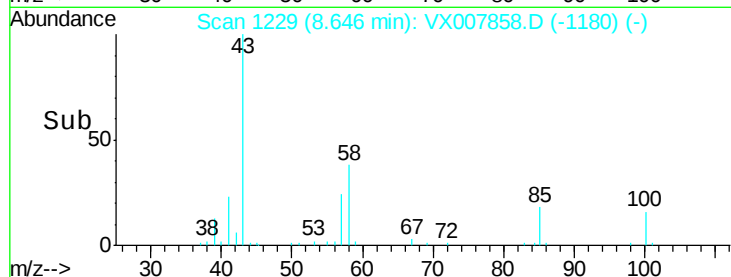
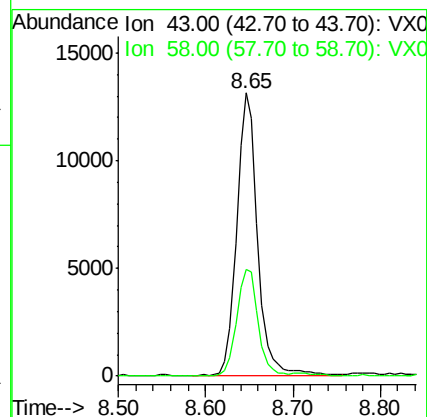
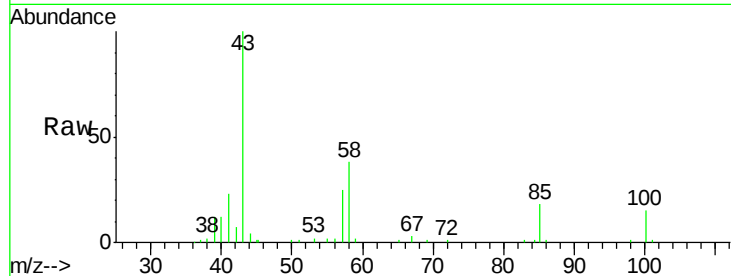
VSTDIC001

Tgt Ion: 43 Resp: 22093

Ion Ratio Lower Upper

43 100

58 38.5 31.3 46.9



#52

Toluene

Concen: 1.046 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007858.D

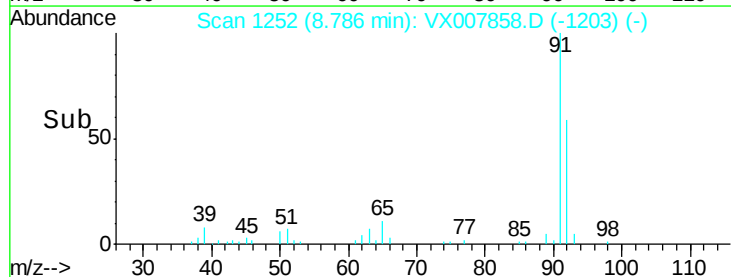
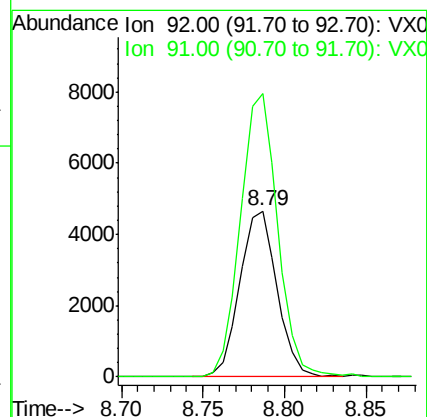
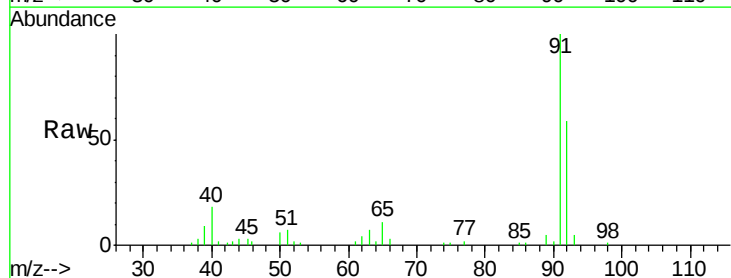
Acq: 06 Mar 2019 12:47

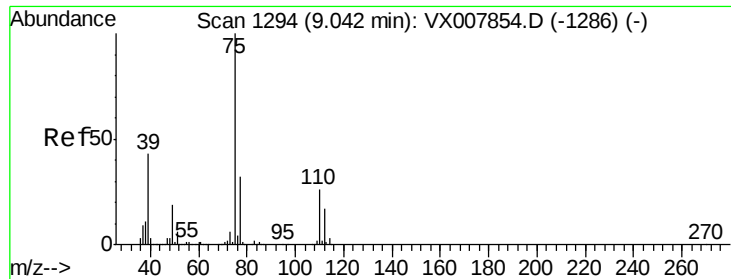
Tgt Ion: 92 Resp: 7403

Ion Ratio Lower Upper

92 100

91 171.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 0.860 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

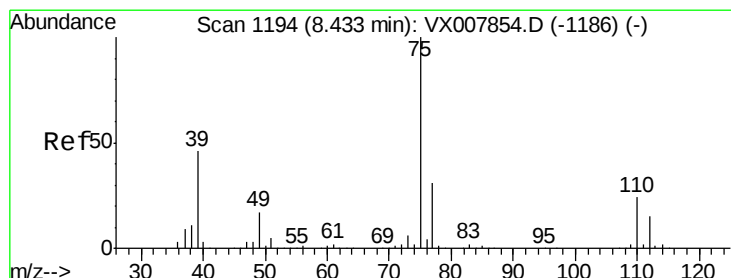
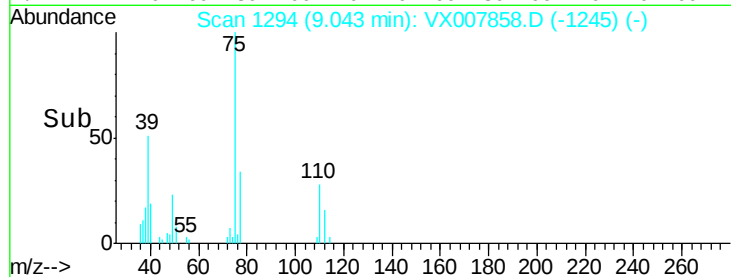
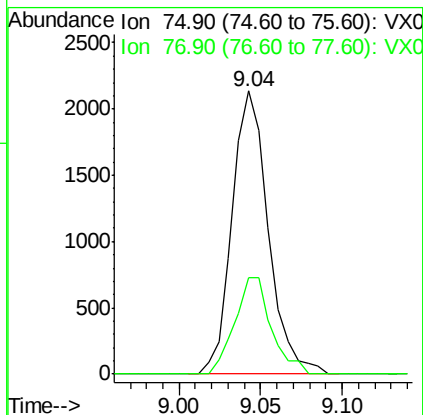
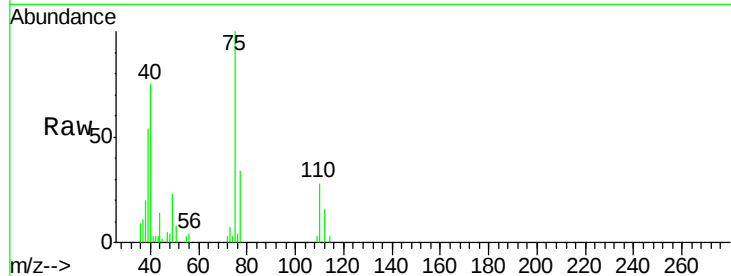
VSTDIC001

Tgt Ion: 75 Resp: 3300

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 0.879 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

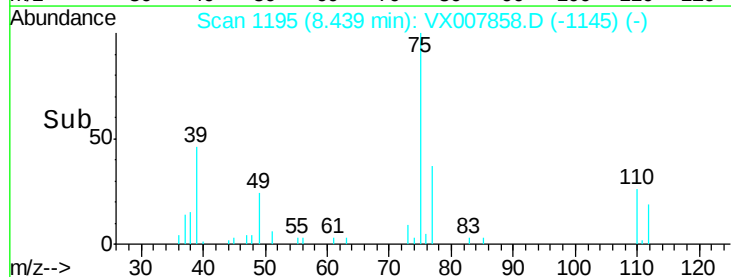
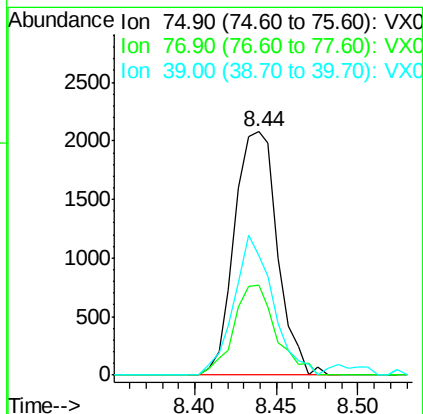
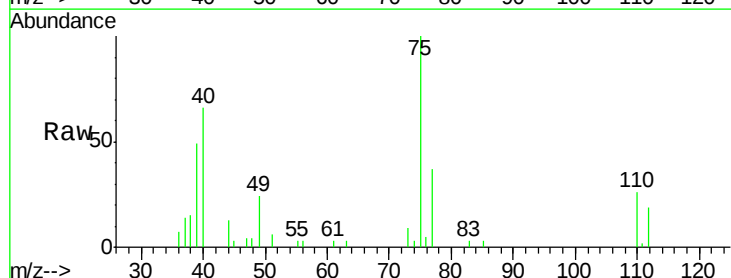
Tgt Ion: 75 Resp: 3806

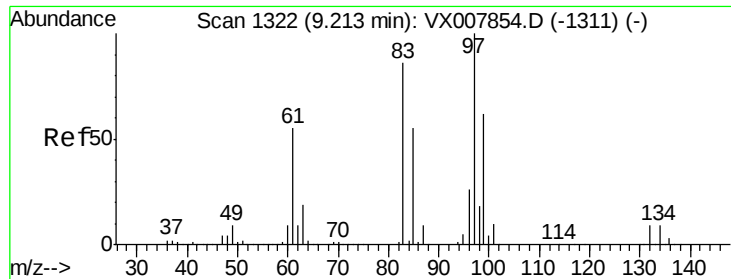
Ion Ratio Lower Upper

75 100

77 36.7 25.0 37.6

39 48.9 36.6 54.8

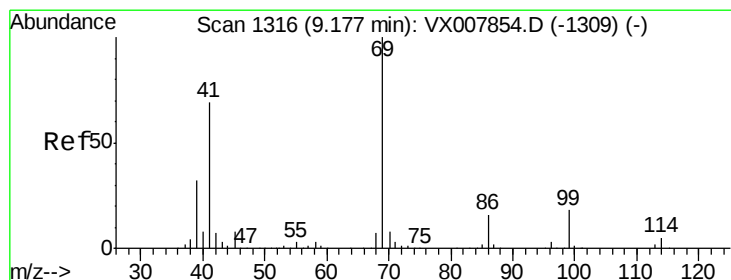
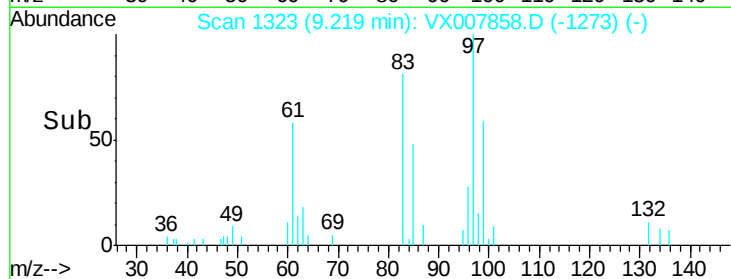
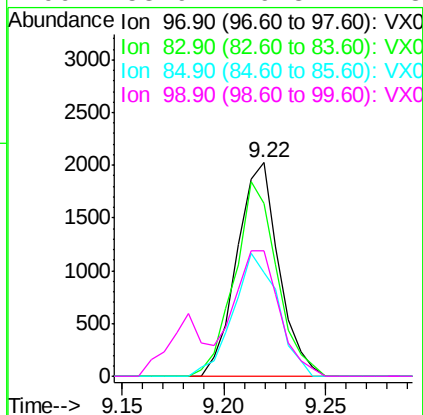
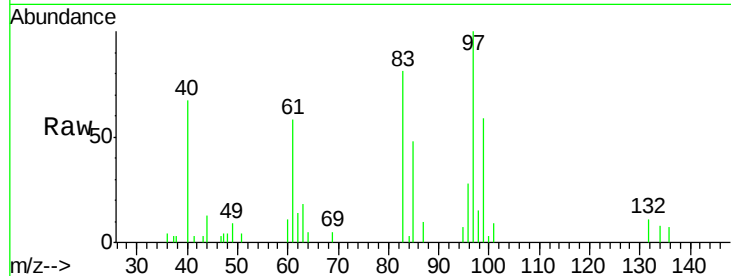




#55
 1,1,2-Trichloroethane
 Concen: 1.005 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

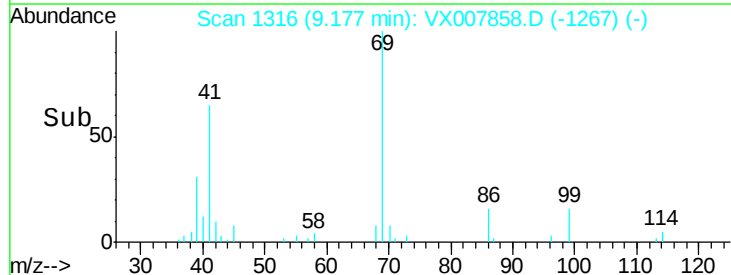
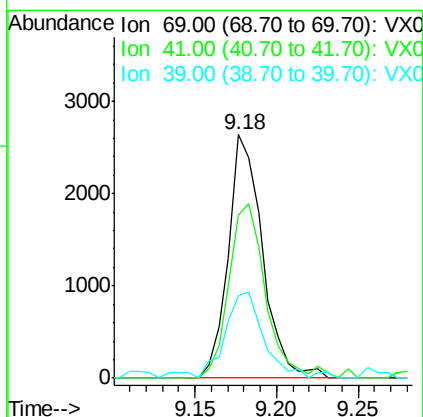
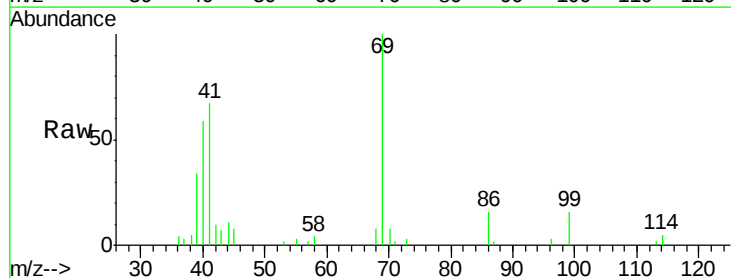
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

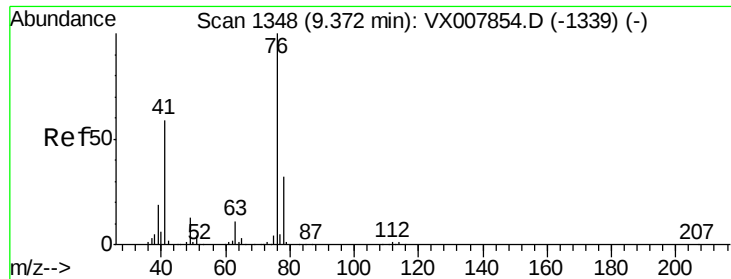
Tgt Ion:	97	Resp:	2882
Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.1	103.7
85	48.3	44.3	66.5
99	58.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 0.896 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion:	69	Resp:	3855
Ion	Ratio	Lower	Upper
69	100		
41	77.1	54.2	81.4
39	40.7	25.0	37.4#

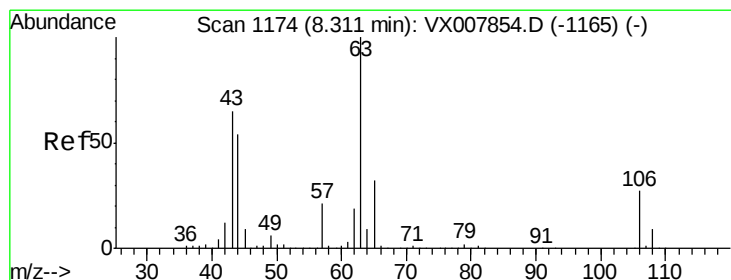
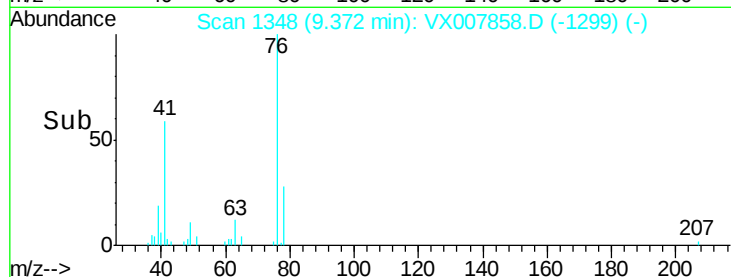
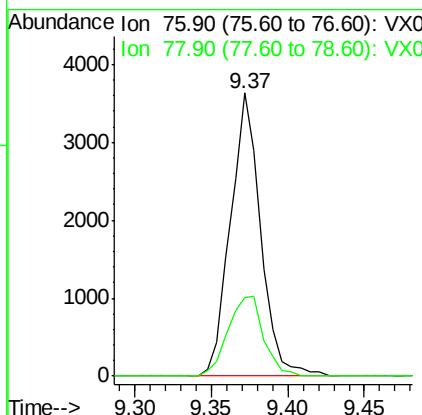
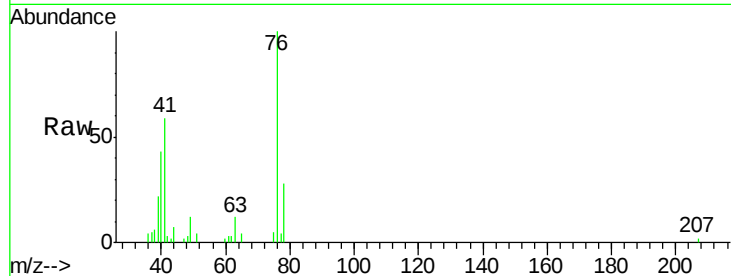




#57
 1,3-Dichloropropane
 Concen: 1.035 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

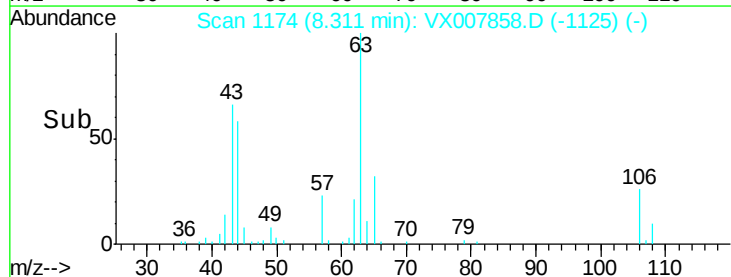
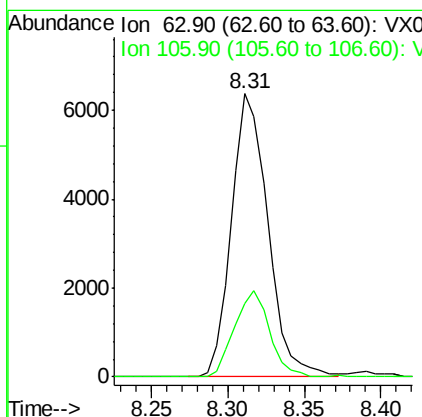
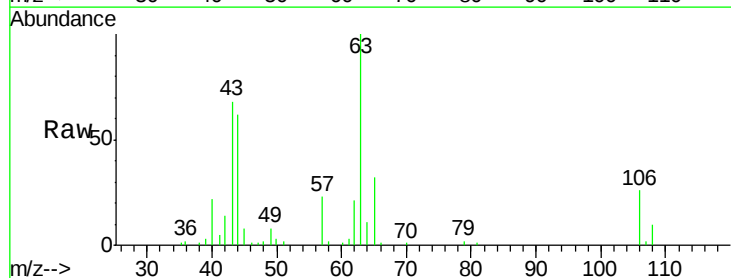
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

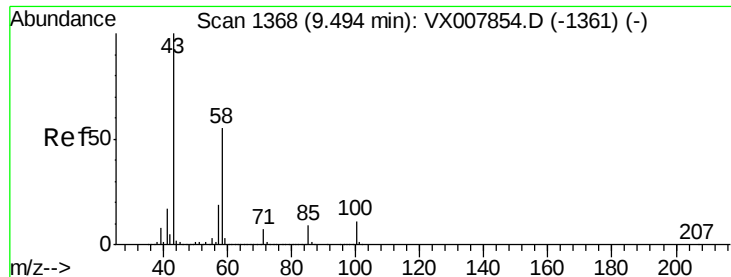
Tgt Ion: 76 Resp: 4982
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.732 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 63 Resp: 10533
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.2 33.2

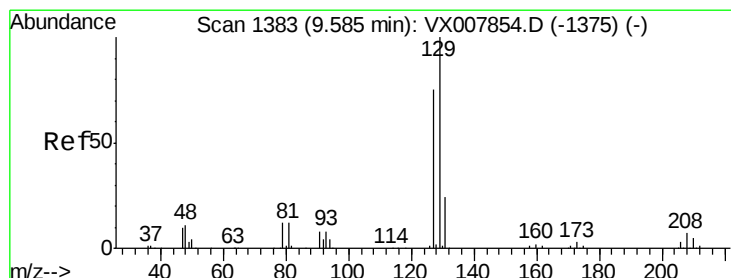
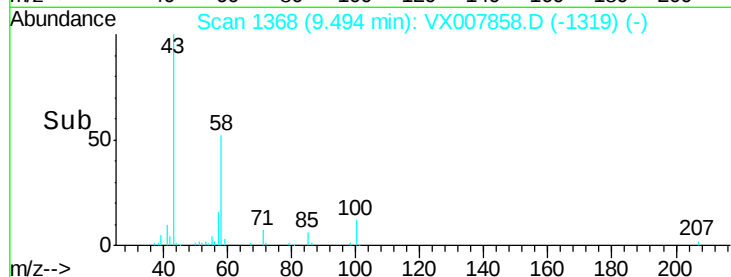
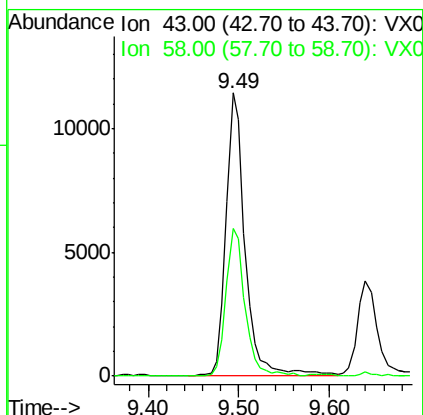
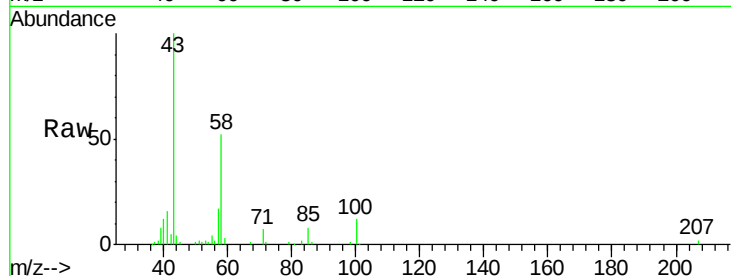




#59
2-Hexanone
Concen: 4.936 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

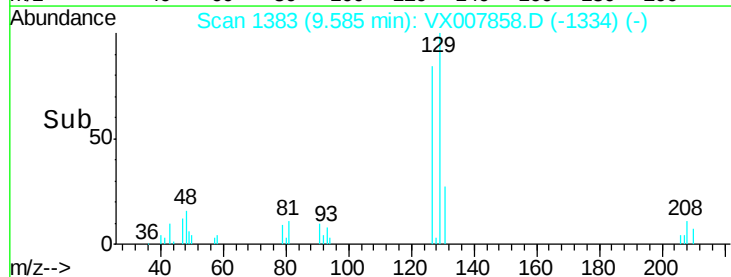
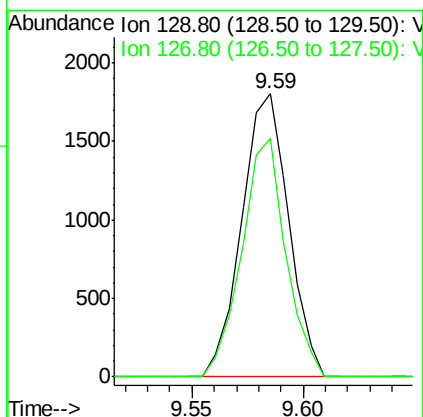
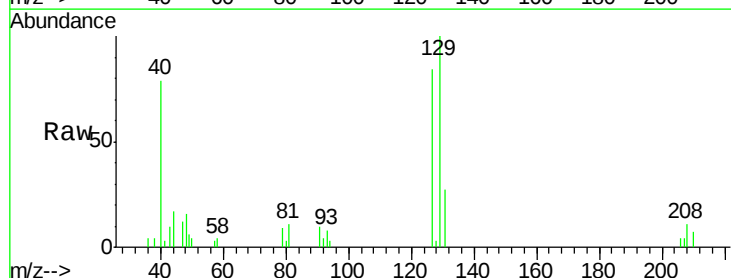
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

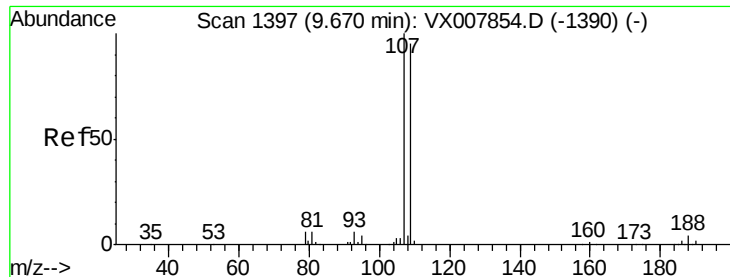
Tgt Ion: 43 Resp: 16863
Ion Ratio Lower Upper
43 100
58 52.0 27.6 82.7



#60
Dibromochloromethane
Concen: 0.881 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 129 Resp: 2639
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 1.062 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

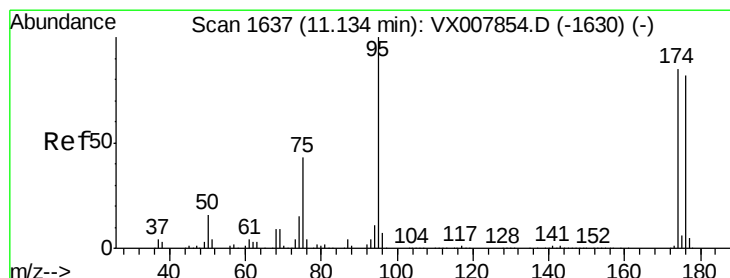
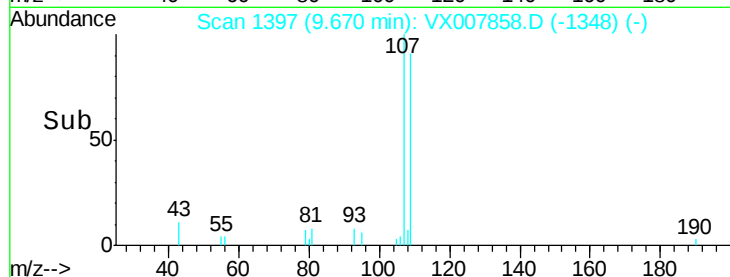
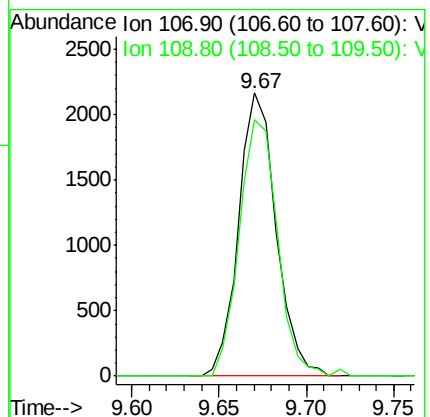
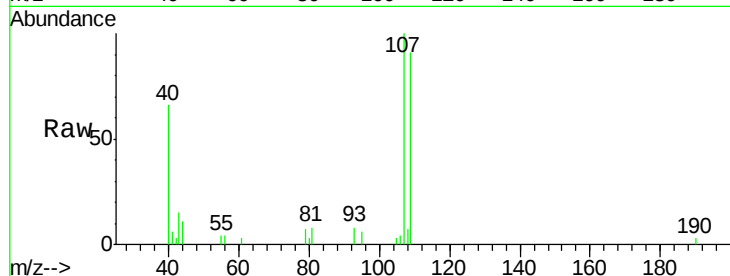
VSTDIC001

Tgt Ion: 107 Resp: 3232

Ion Ratio Lower Upper

107 100

109 92.6 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 1.234 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

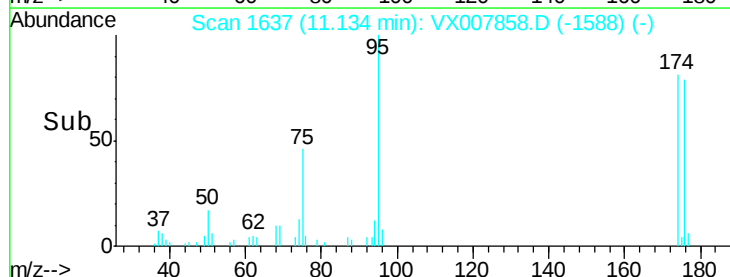
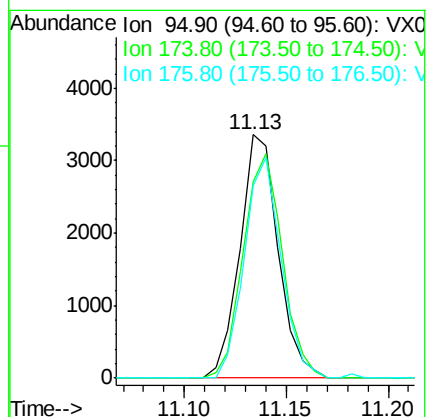
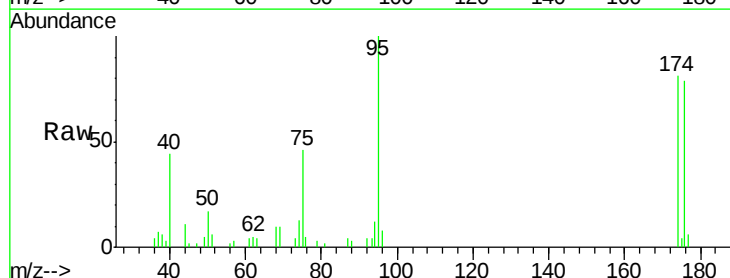
Tgt Ion: 95 Resp: 4374

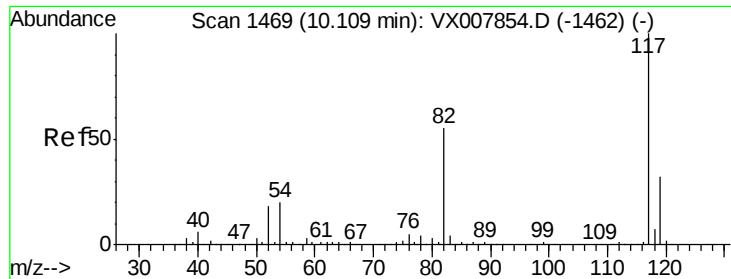
Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.8

176 87.3 0.0 178.0

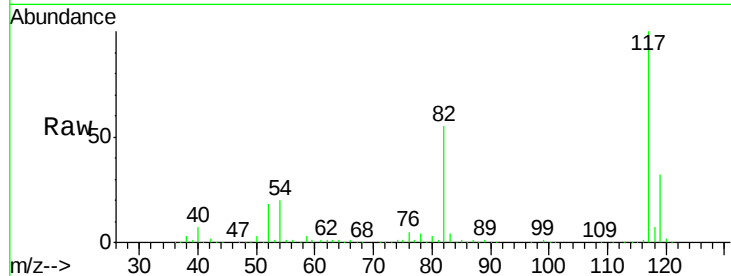




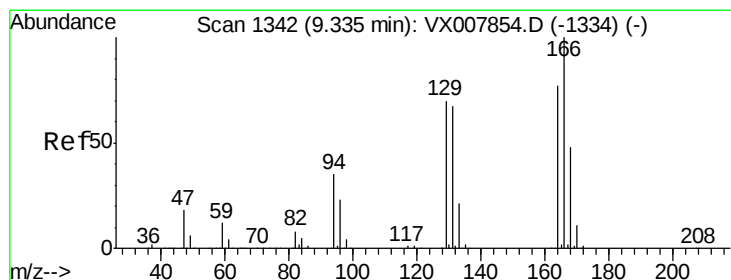
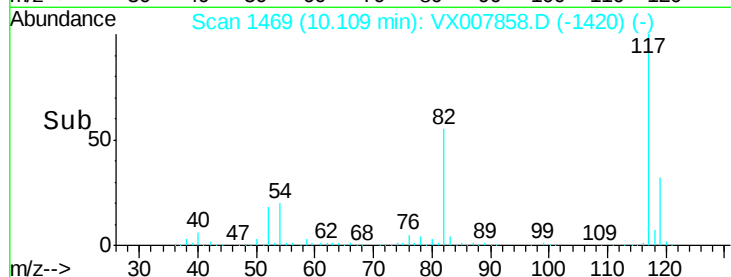
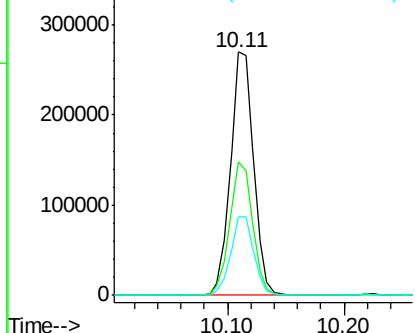
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 373209
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.1 25.3 37.9



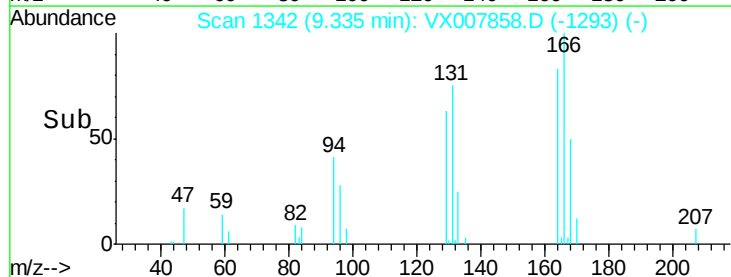
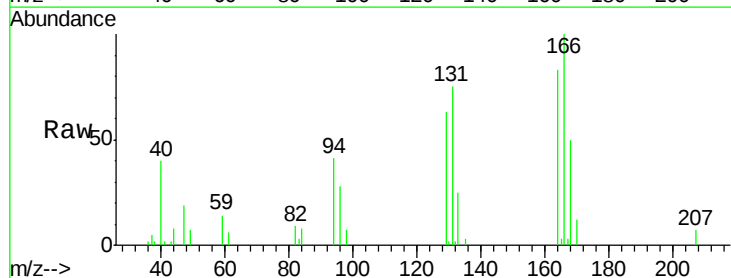
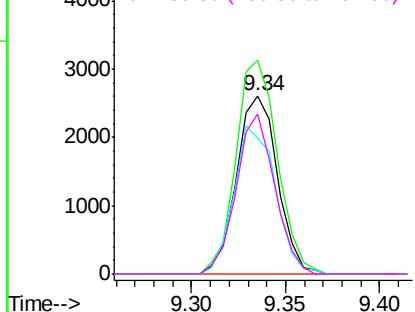
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

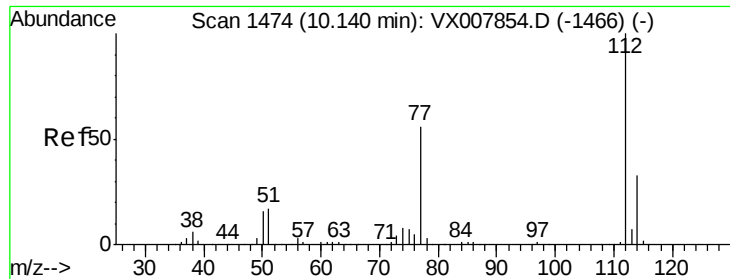


#64
Tetrachloroethene
Concen: 1.271 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion:164 Resp: 3930
Ion Ratio Lower Upper
164 100
166 120.0 103.4 155.0
129 76.0 72.2 108.4
131 89.6 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: 1.120 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

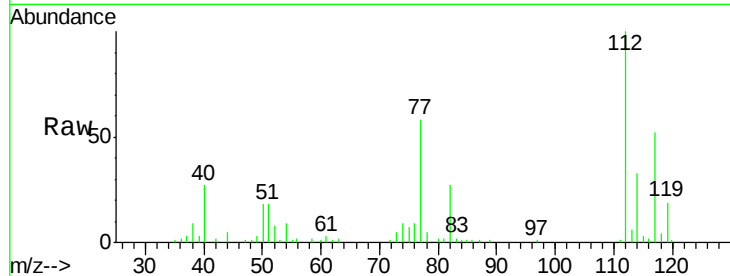
VSTDIC001

Tgt Ion:112 Resp: 8746

Ion Ratio Lower Upper

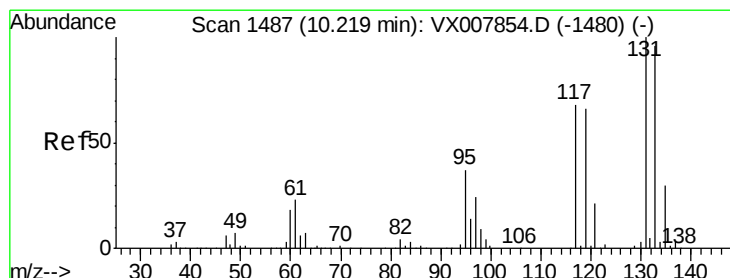
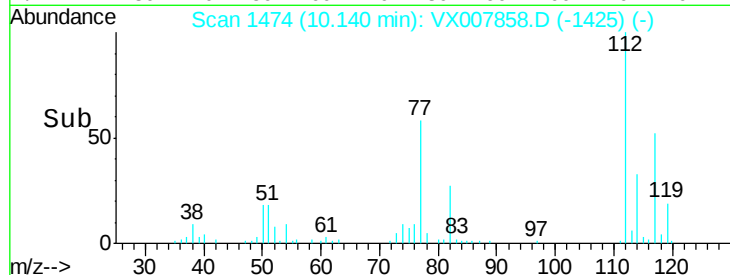
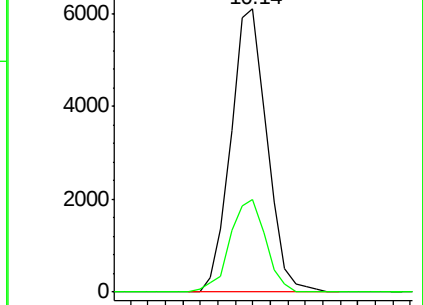
112 100

114 32.8 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.004 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

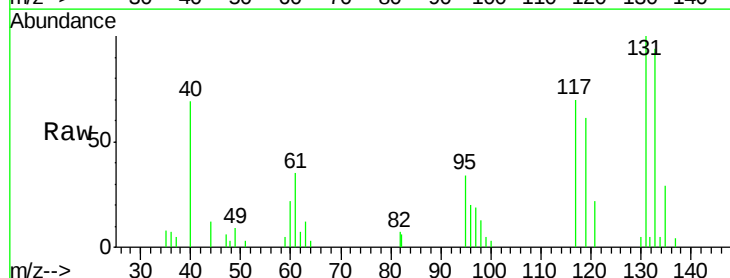
Tgt Ion:131 Resp: 2811

Ion Ratio Lower Upper

131 100

133 92.4 47.8 143.3

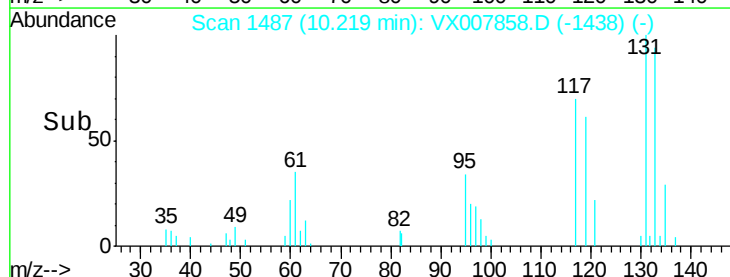
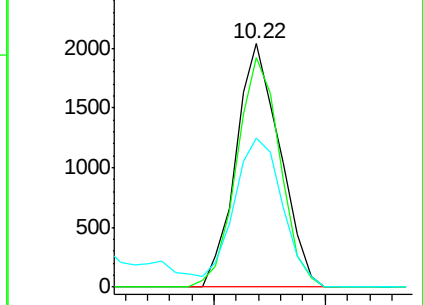
119 0.0 32.5 97.5#

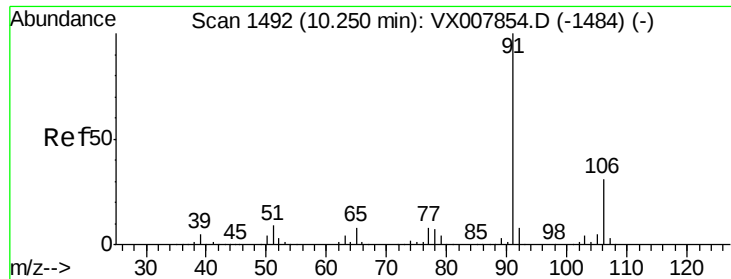


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.023 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

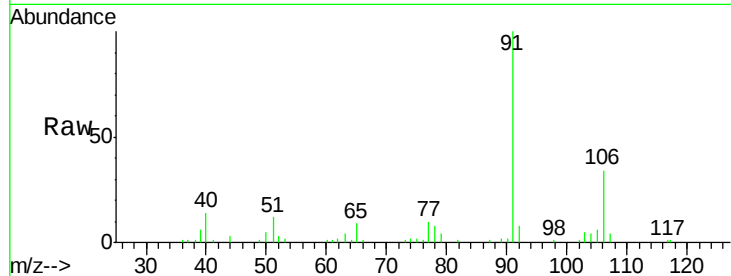
VSTDIC001

Tgt Ion: 91 Resp: 13150

Ion Ratio Lower Upper

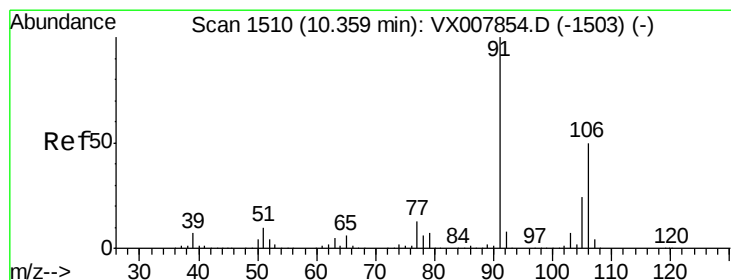
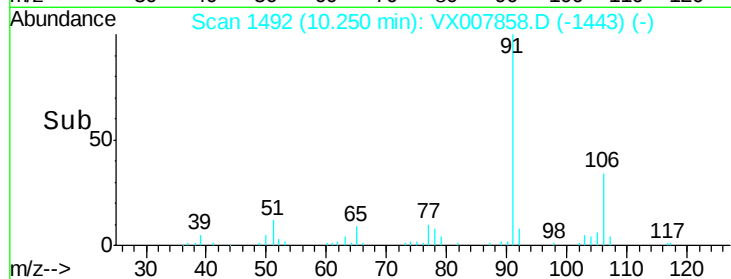
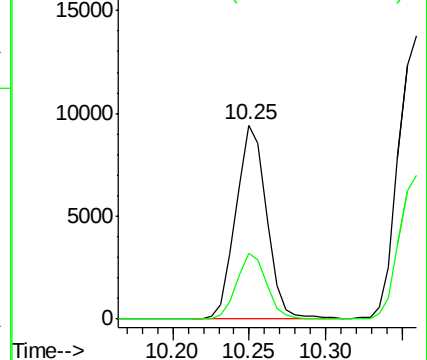
91 100

106 33.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.020 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007858.D

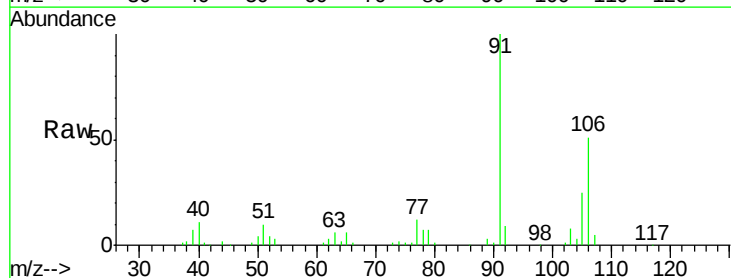
Acq: 06 Mar 2019 12:47

Tgt Ion: 106 Resp: 10007

Ion Ratio Lower Upper

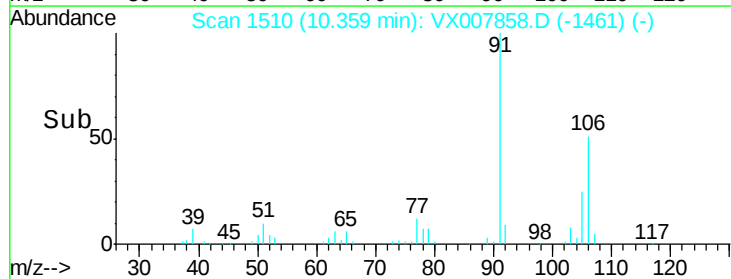
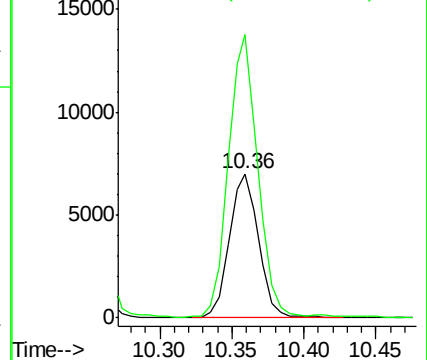
106 100

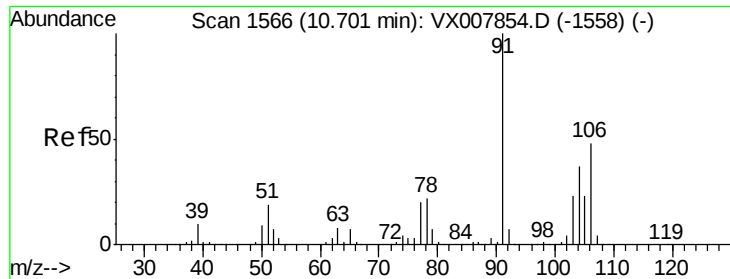
91 198.3 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

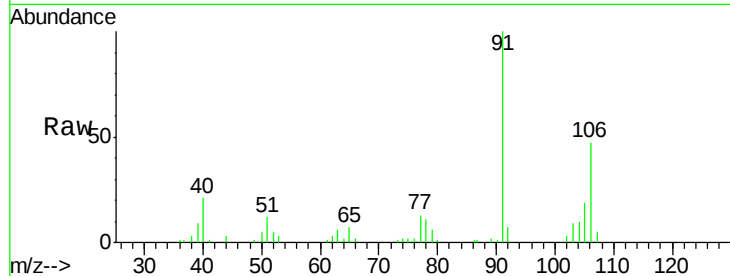




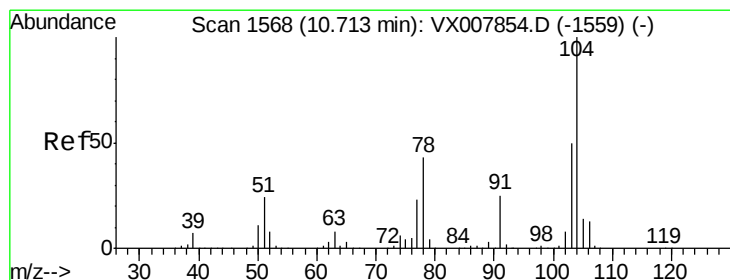
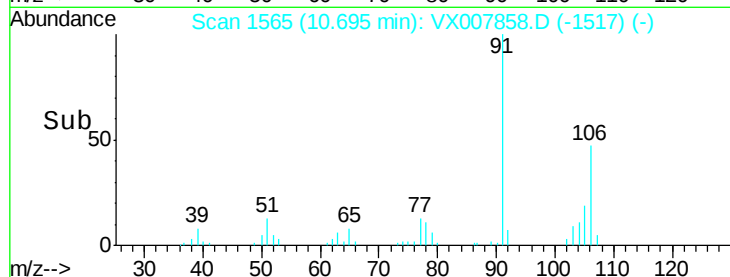
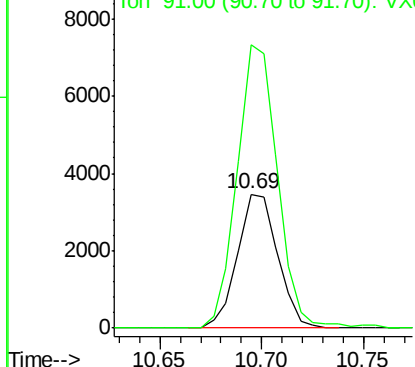
#69
o-Xylene
Concen: 0.990 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 4735
Ion Ratio Lower Upper
106 100
91 213.1 106.3 318.9

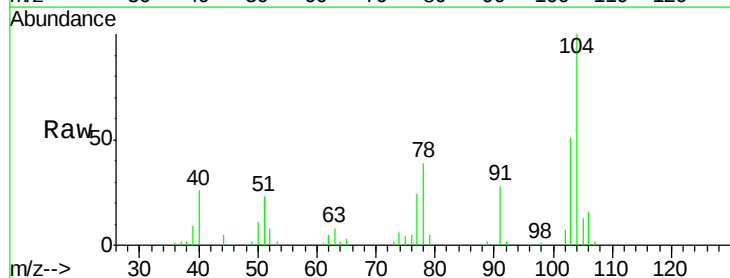


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

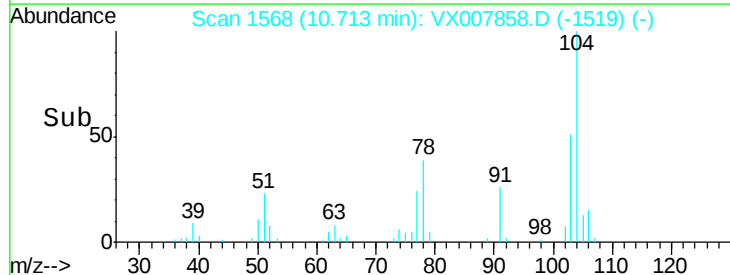
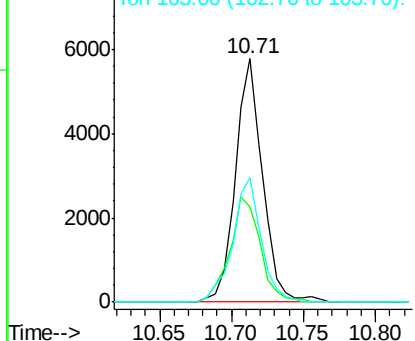


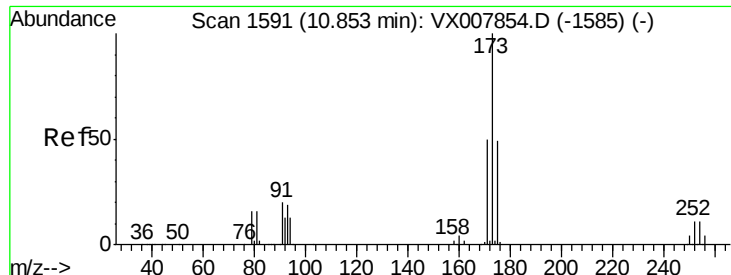
#70
Styrene
Concen: 0.969 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion:104 Resp: 7584
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 53.6 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

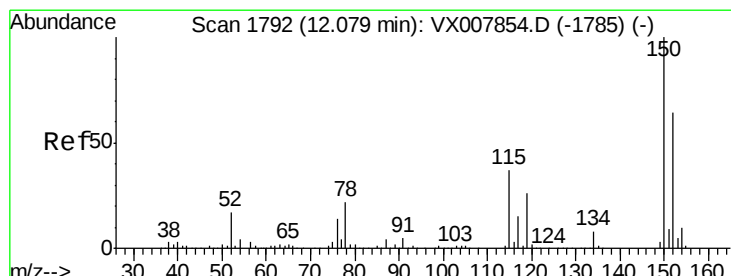
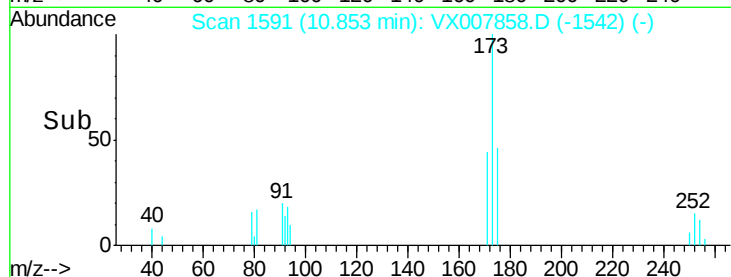
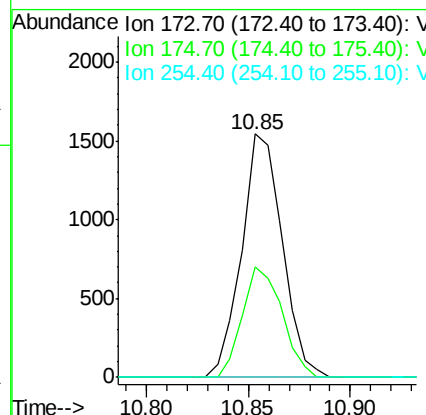
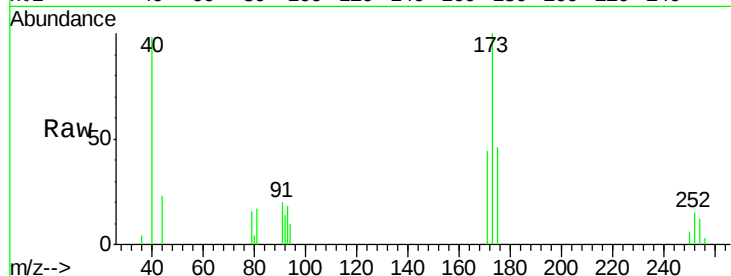




#71
Bromoform
Concen: 0.889 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

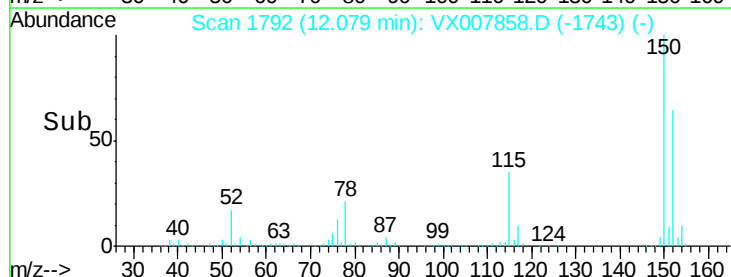
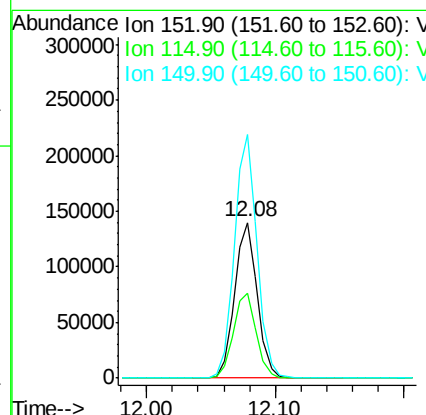
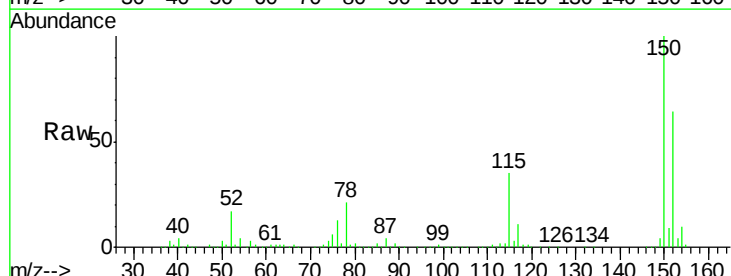
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 2138
Ion Ratio Lower Upper
173 100
175 44.3 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: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion:152 Resp: 171383
Ion Ratio Lower Upper
152 100
115 55.8 38.6 115.7
150 156.9 0.0 348.4





#73

Isopropylbenzene

Concen: 1.039 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

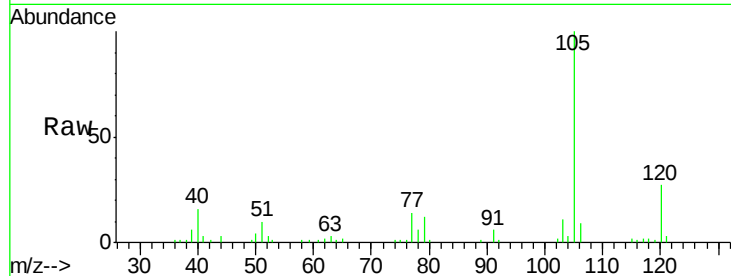
VSTDIC001

Tgt Ion: 105 Resp: 12040

Ion Ratio Lower Upper

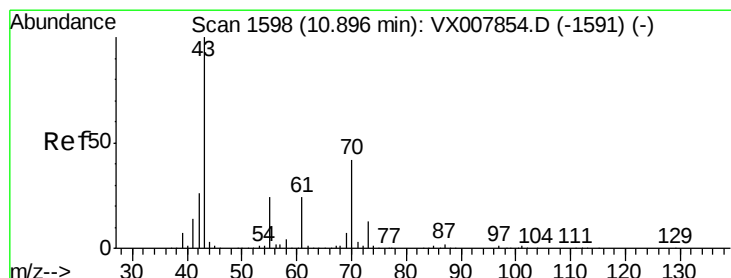
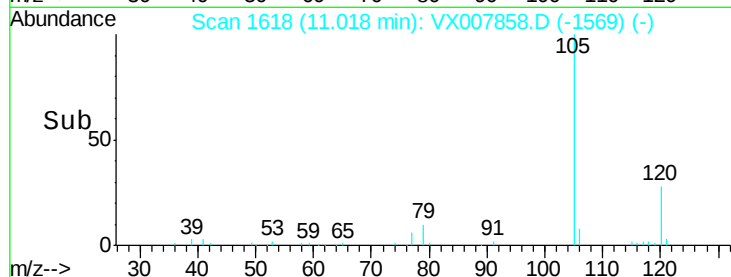
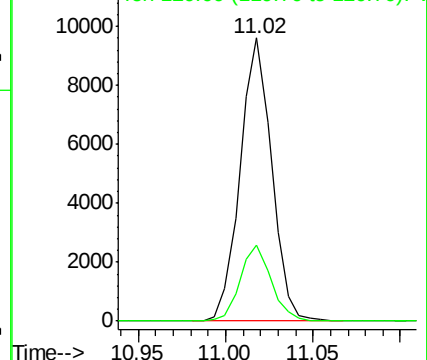
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.016 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion: 43 Resp: 5375

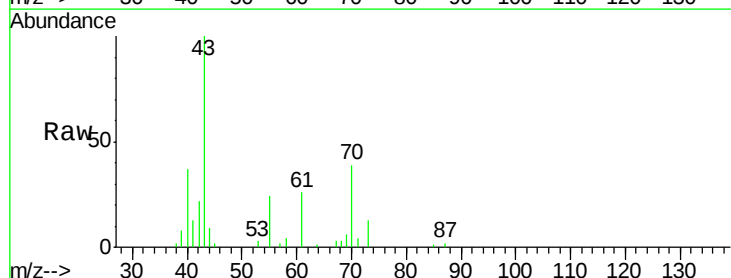
Ion Ratio Lower Upper

43 100

70 39.9 33.5 50.3

55 25.6 19.2 28.8

61 24.9 19.0 28.6

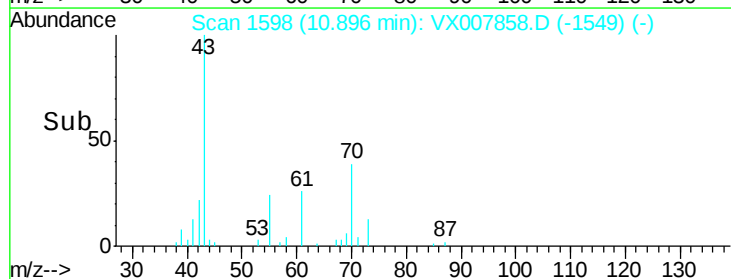
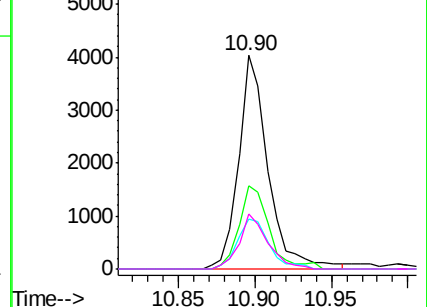


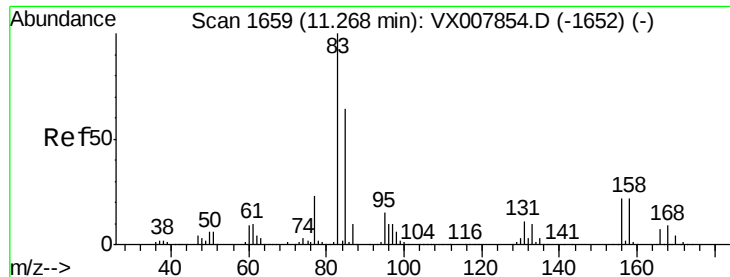
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.142 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

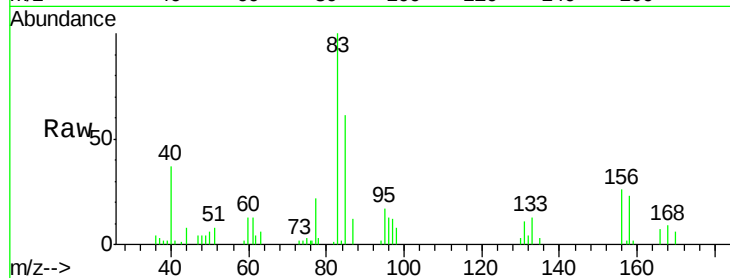
Tgt Ion: 83 Resp: 4566

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

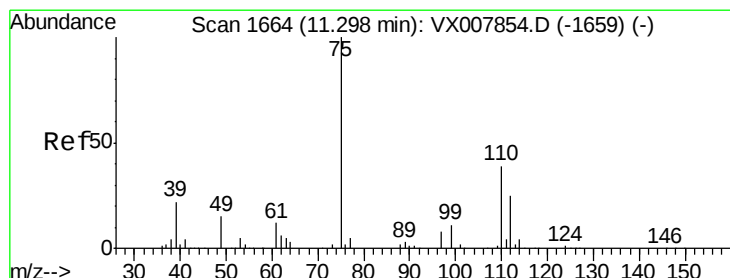
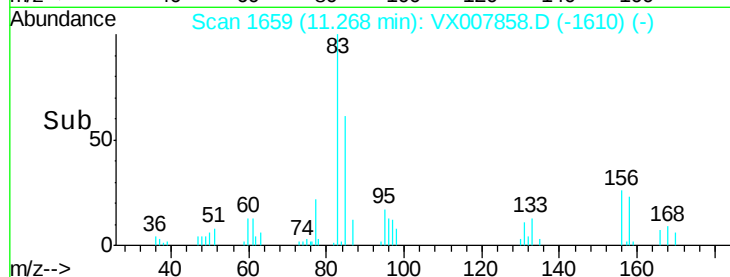
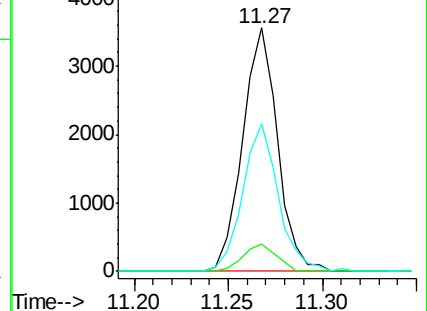
85 62.3 32.3 96.8



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: 1.280 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007858.D

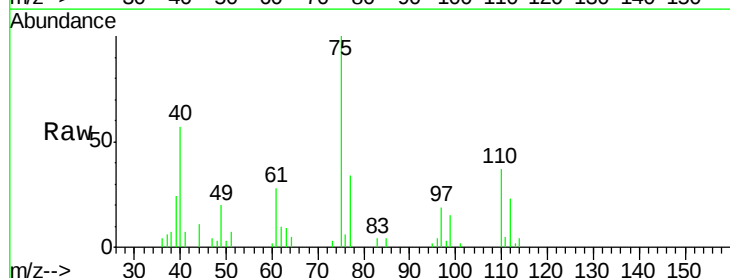
Acq: 06 Mar 2019 12:47

Tgt Ion: 75 Resp: 4642

Ion Ratio Lower Upper

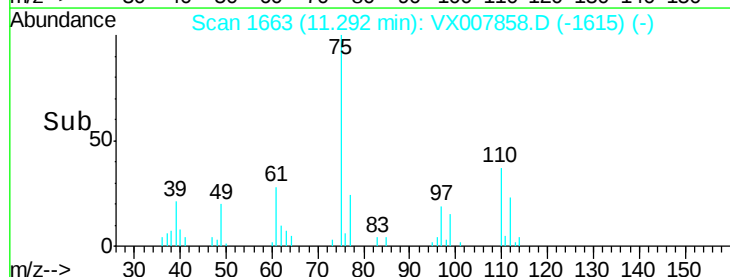
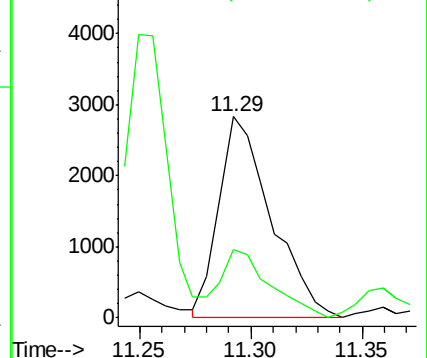
75 100

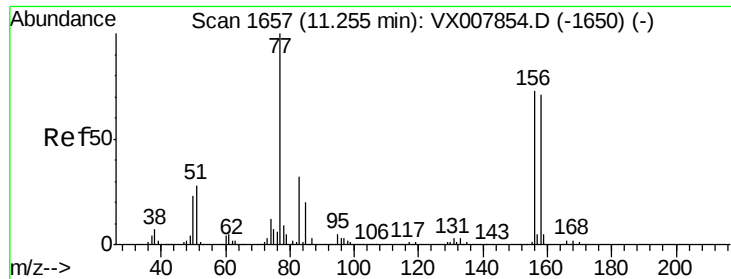
77 30.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.181 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

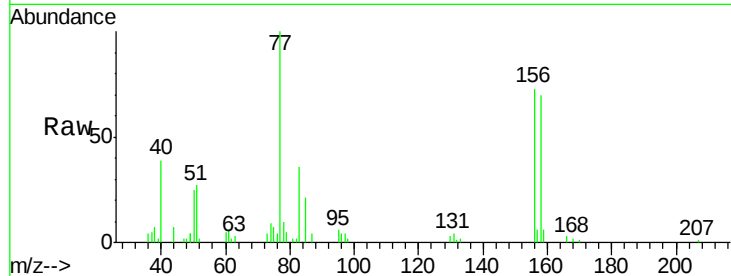
Tgt Ion:156 Resp: 3752

Ion Ratio Lower Upper

156 100

77 145.1 72.0 215.9

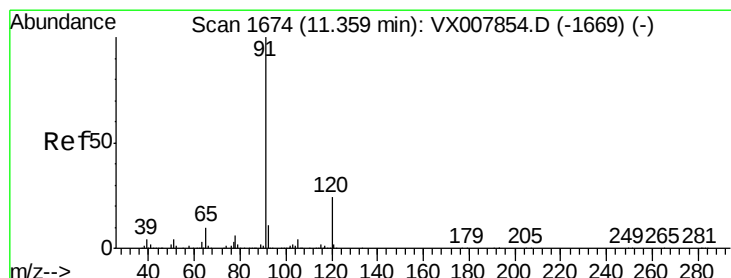
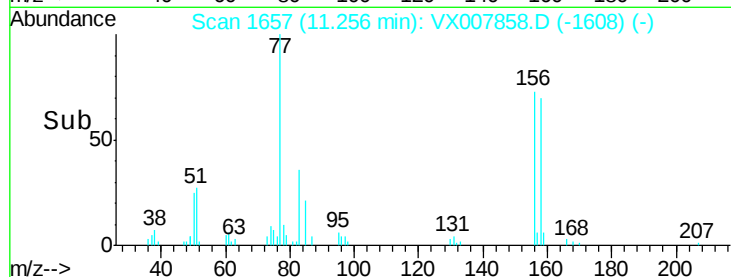
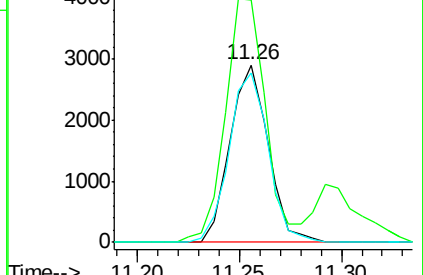
158 98.2 48.6 145.9



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: 1.029 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007858.D

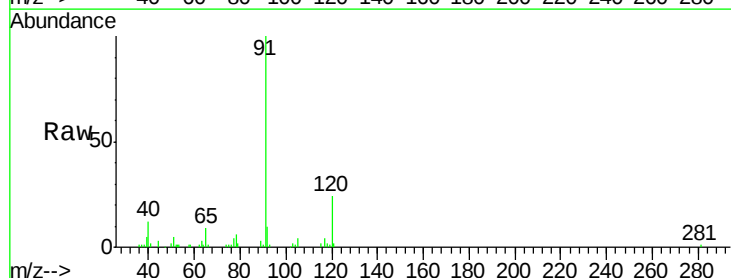
Acq: 06 Mar 2019 12:47

Tgt Ion: 91 Resp: 13230

Ion Ratio Lower Upper

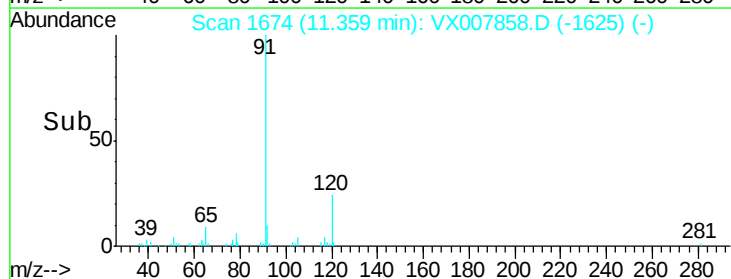
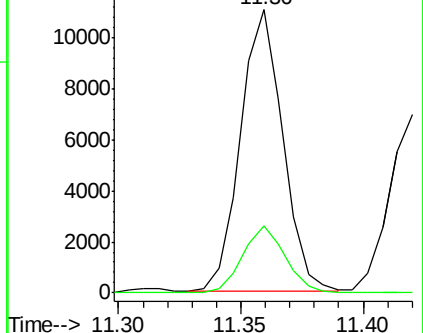
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

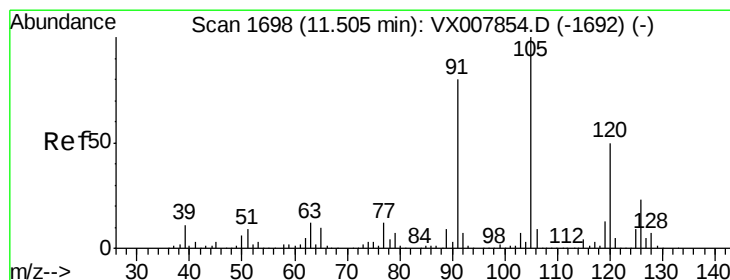
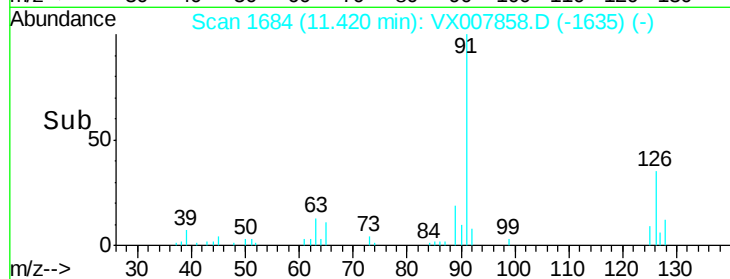
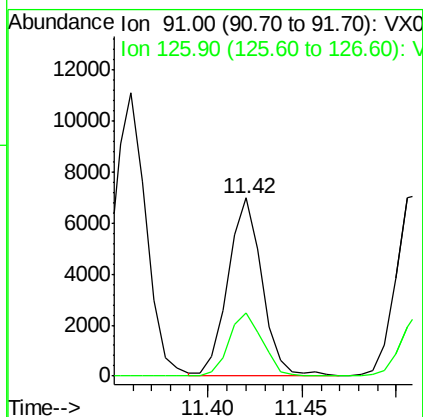
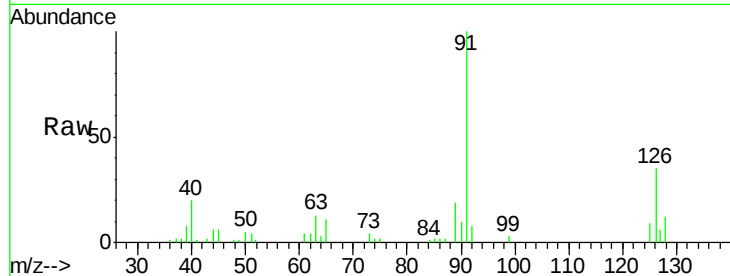




#79
 2-Chlorotoluene
 Concen: 1.121 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

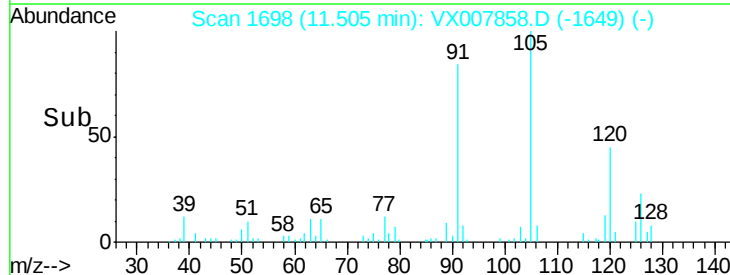
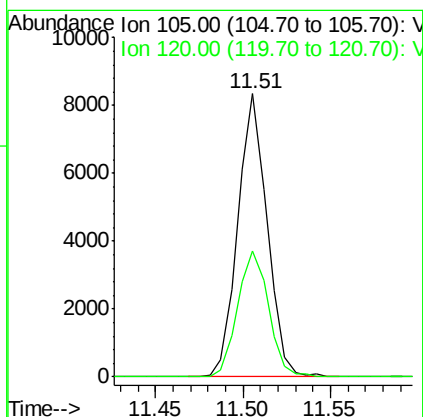
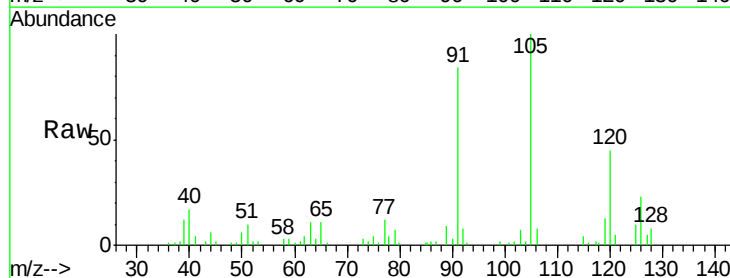
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

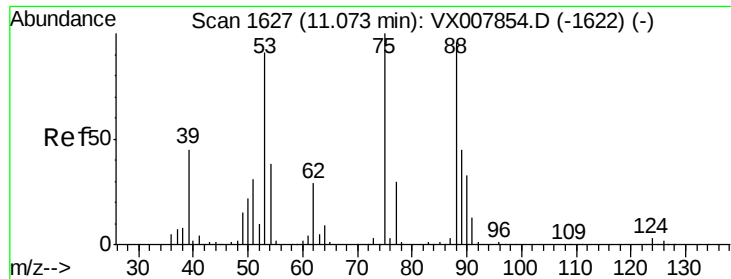
Tgt Ion: 91 Resp: 8812
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.019 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 105 Resp: 9717
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.858 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

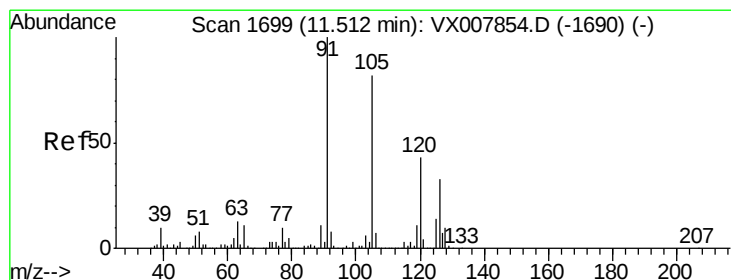
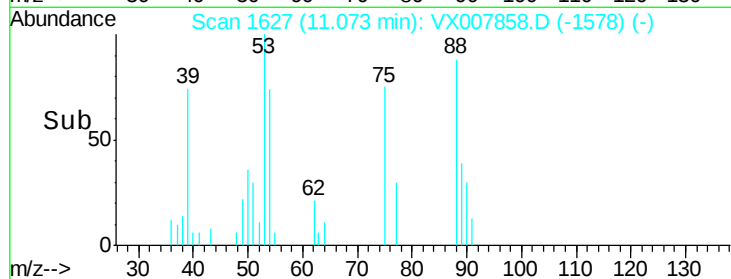
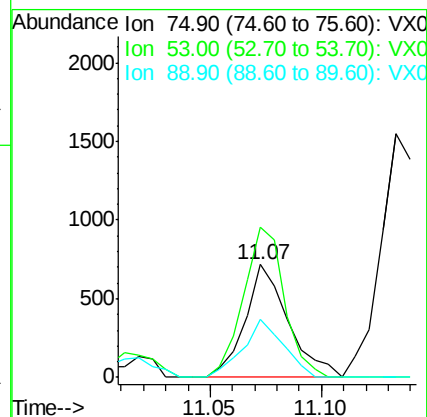
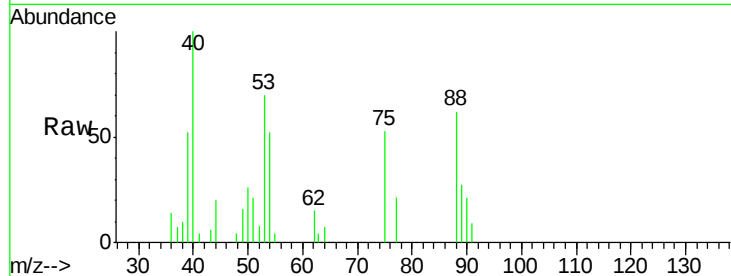
Tgt Ion: 75 Resp: 965

Ion Ratio Lower Upper

75 100

53 126.8 76.1 114.1#

89 48.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 1.102 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007858.D

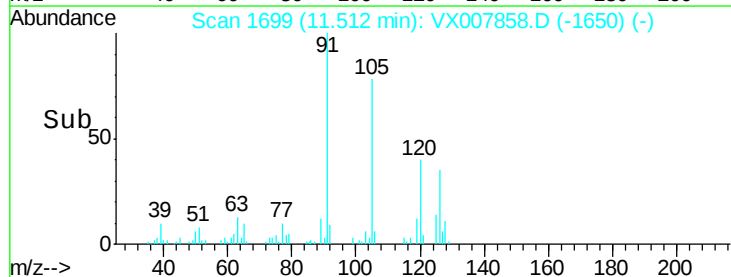
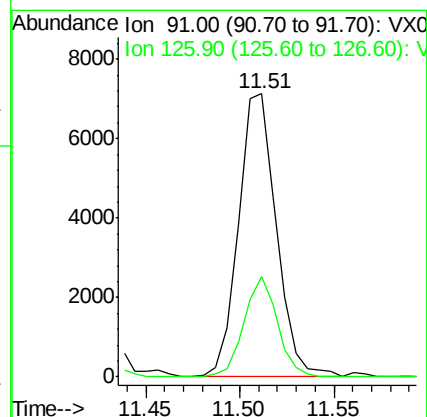
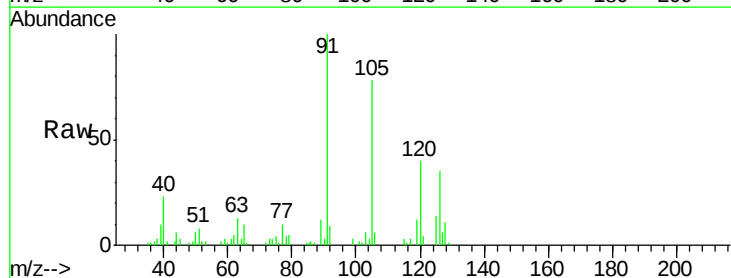
Acq: 06 Mar 2019 12:47

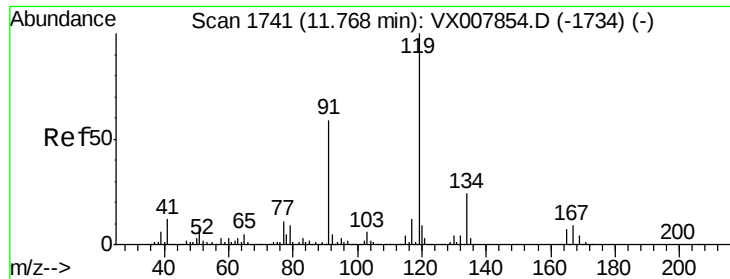
Tgt Ion: 91 Resp: 9928

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8

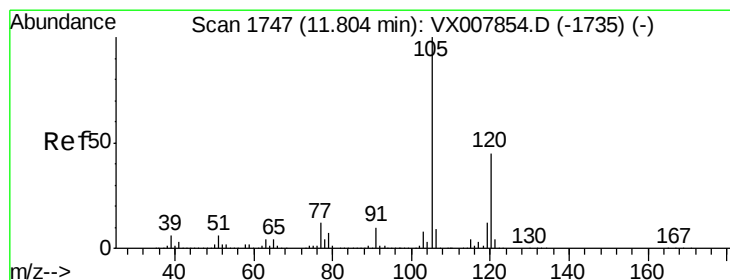
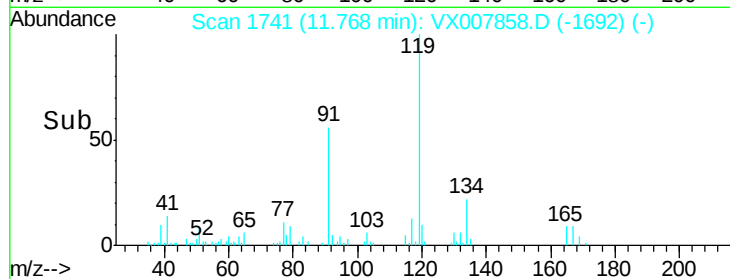
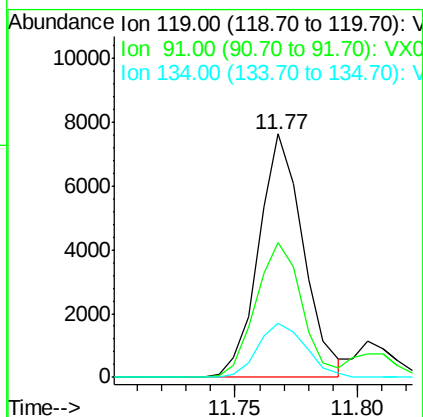
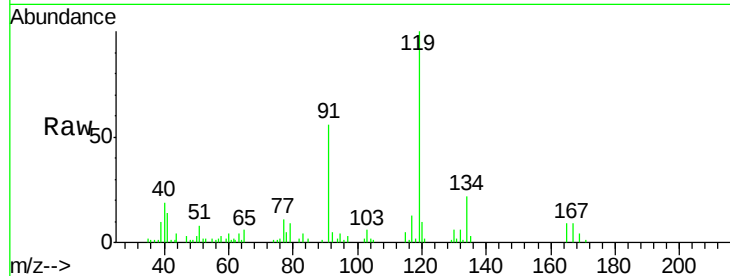




#83
 tert-Butylbenzene
 Concen: 1.006 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

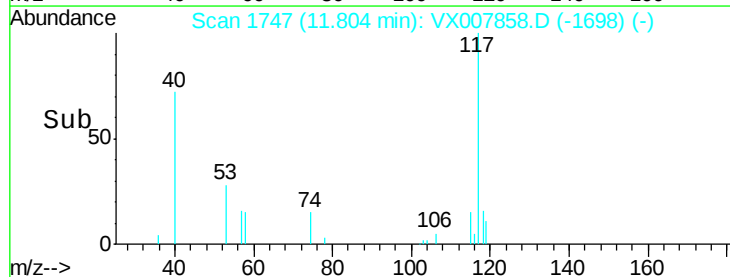
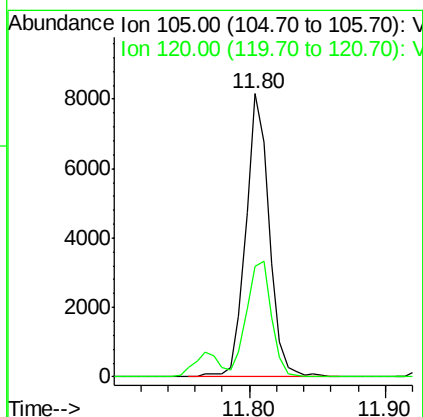
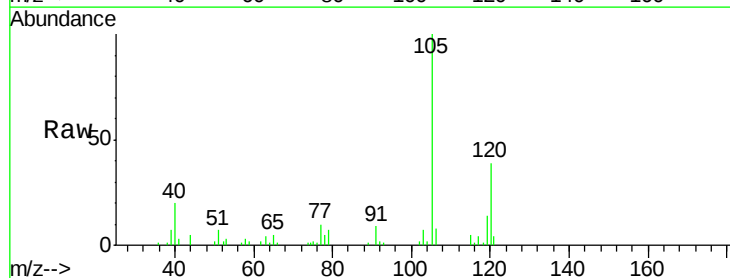
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

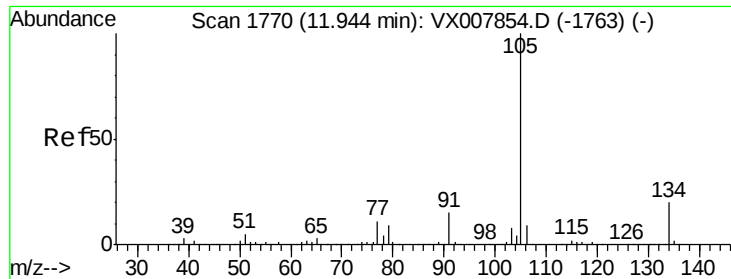
Tgt Ion:119 Resp: 9664
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.1 81.3
 134 23.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.004 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion:105 Resp: 9816
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 0.986 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

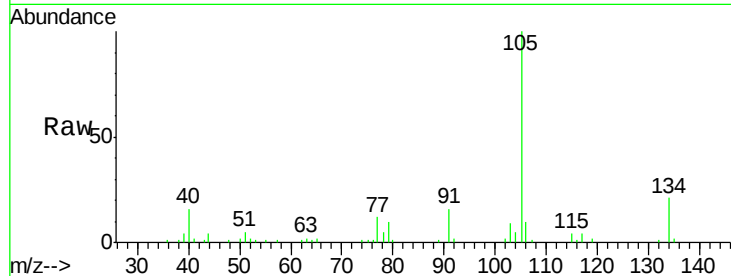
VSTDIC001

Tgt Ion:105 Resp: 11161

Ion Ratio Lower Upper

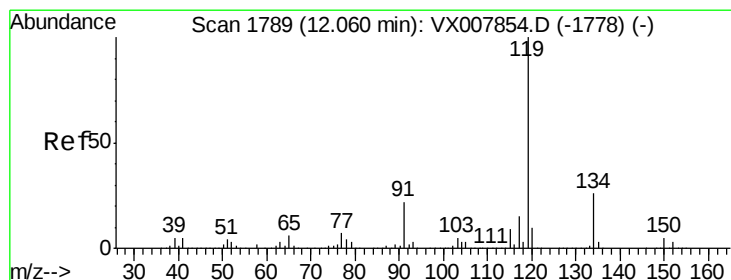
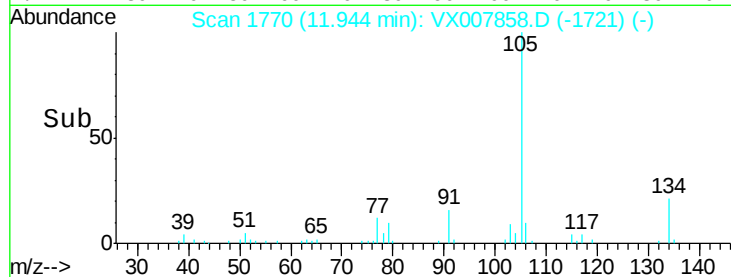
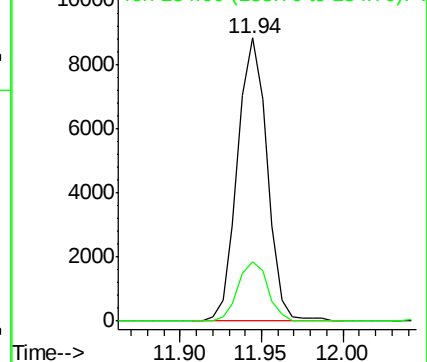
105 100

134 21.0 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: 0.964 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

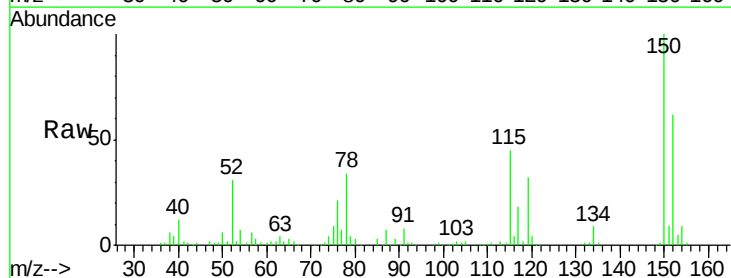
Tgt Ion:119 Resp: 9769

Ion Ratio Lower Upper

119 100

134 29.3 13.3 39.9

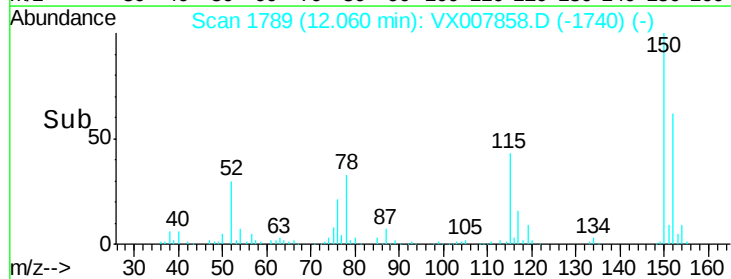
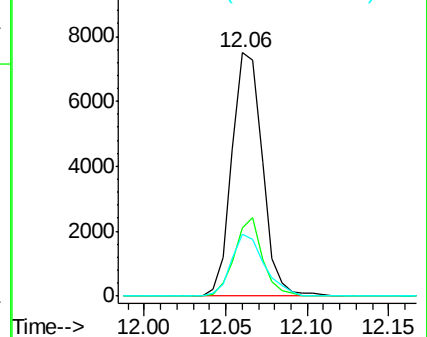
91 27.3 10.9 32.7

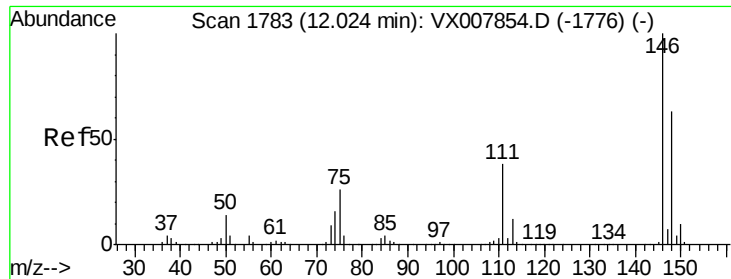


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

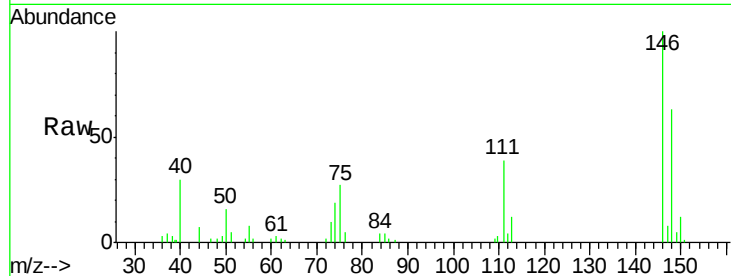




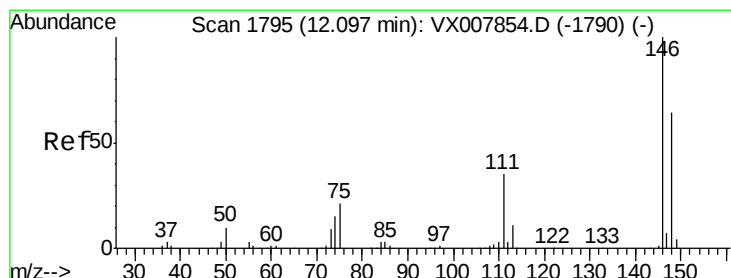
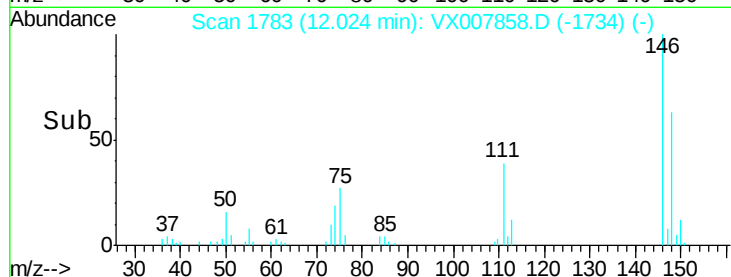
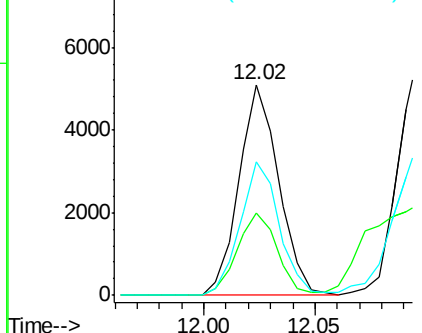
#87
 1,3-Dichlorobenzene
 Concen: 1.129 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 6347
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.9 56.7
 148 63.4 31.7 95.1

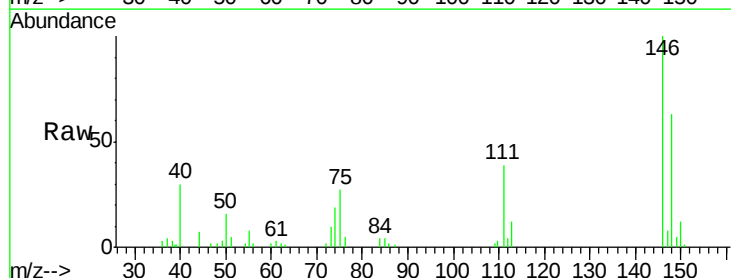


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

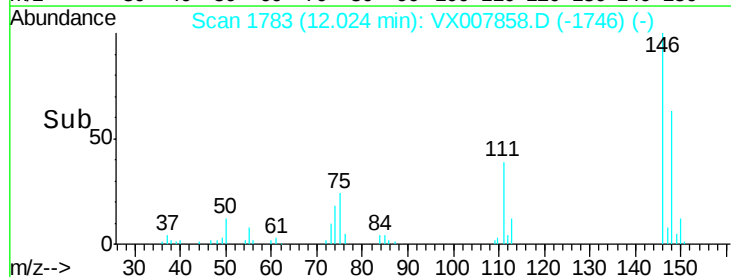
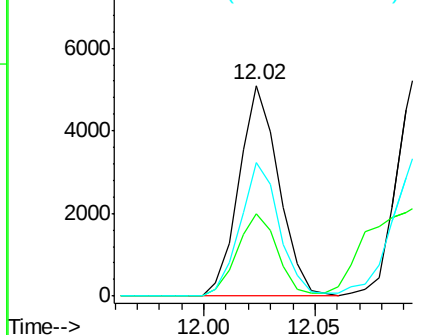


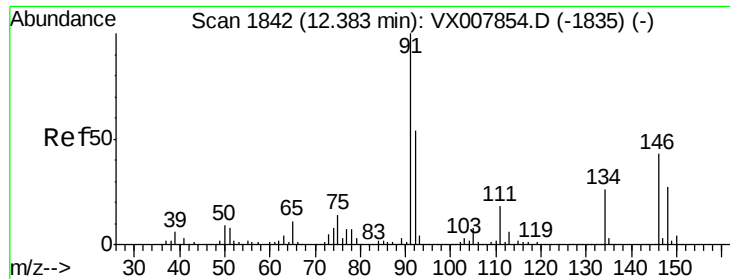
#88
 1,4-Dichlorobenzene
 Concen: 1.102 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion:146 Resp: 6347
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.4 55.0
 148 63.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.957 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

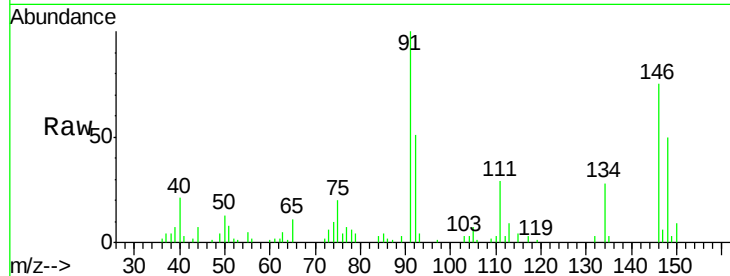
Tgt Ion: 91 Resp: 8219

Ion Ratio Lower Upper

91 100

92 51.6 27.0 80.8

134 26.4 13.7 41.0

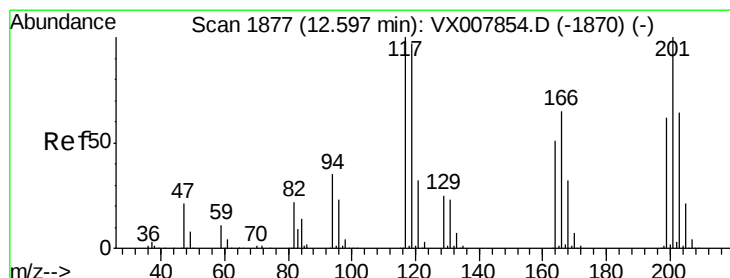
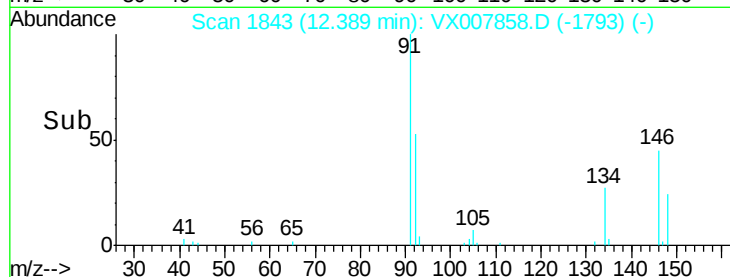


Abundance Ion 91.00 (90.70 to 91.70): VX007858.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX007858.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX007858.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 0.922 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX007858.D

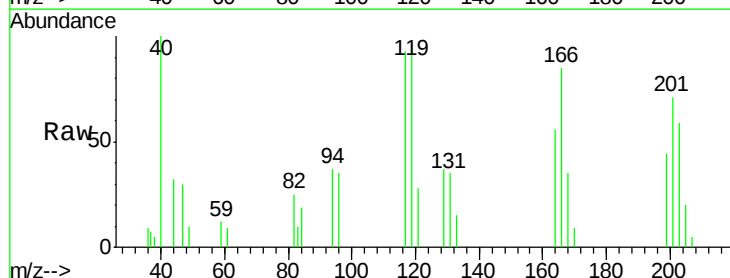
Acq: 06 Mar 2019 12:47

Tgt Ion: 117 Resp: 1562

Ion Ratio Lower Upper

117 100

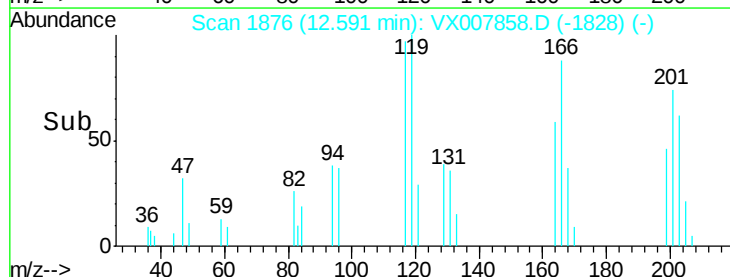
201 99.2 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): VX007858.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX007858.D (-1828) (-)

Time-->

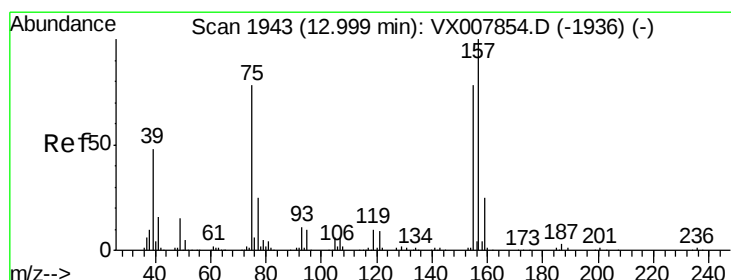
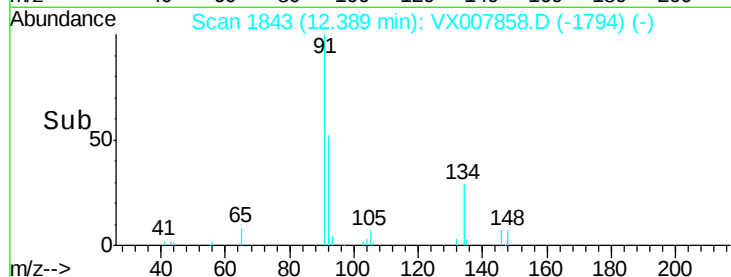
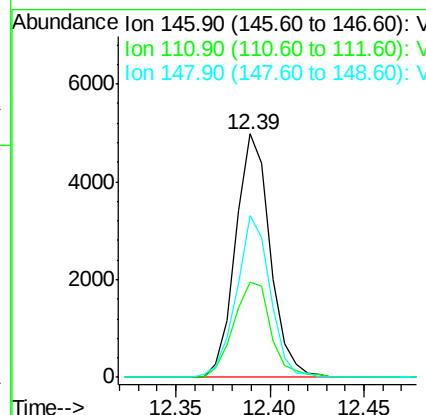
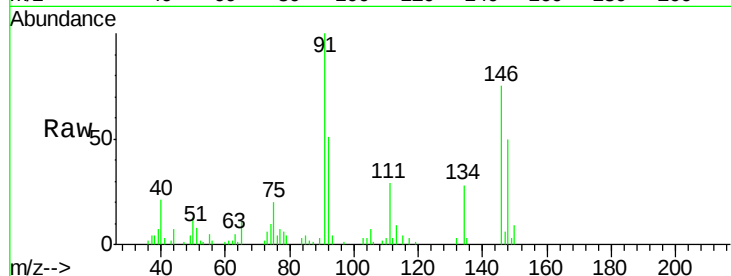




#91
 1,2-Dichlorobenzene
 Concen: 1.132 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

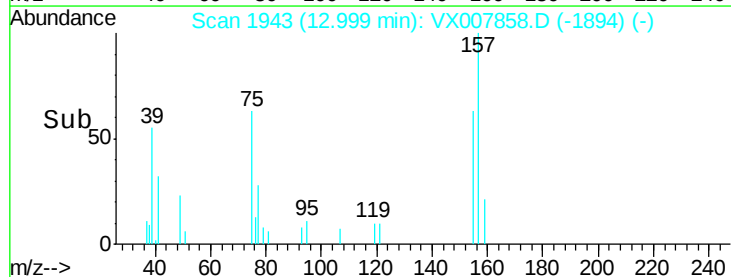
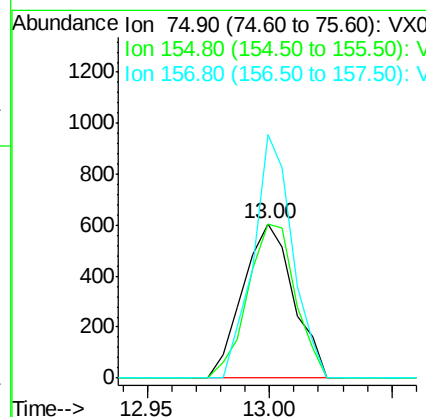
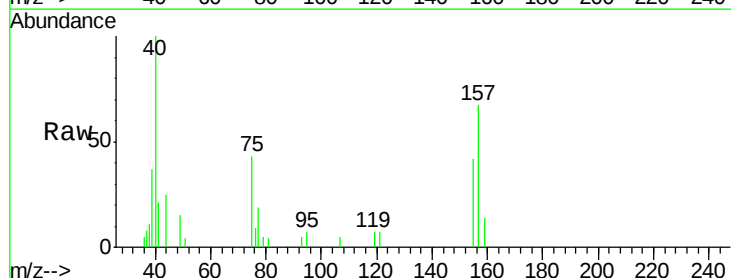
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

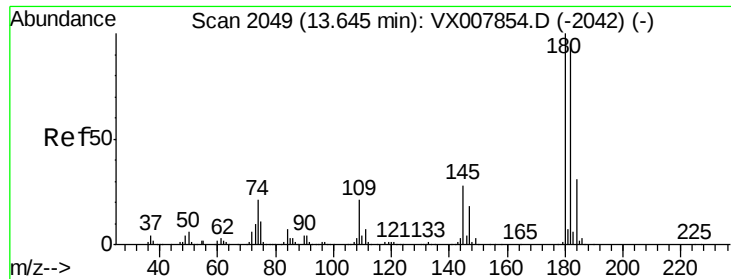
Tgt Ion: 146 Resp: 6321
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.6 58.8
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.041 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 75 Resp: 870
 Ion Ratio Lower Upper
 75 100
 155 94.0 49.7 149.1
 157 122.3 63.8 191.4

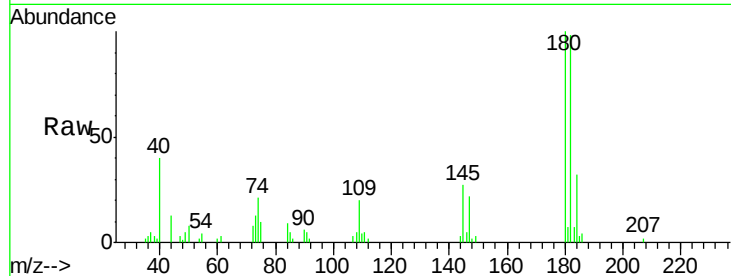




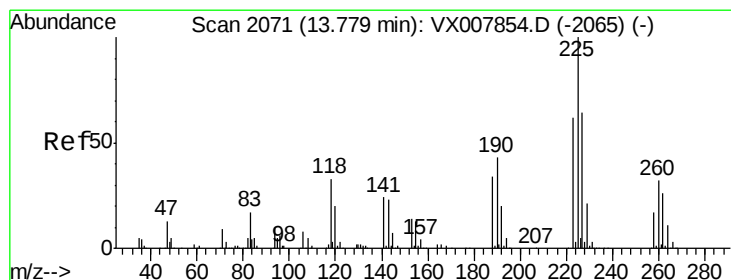
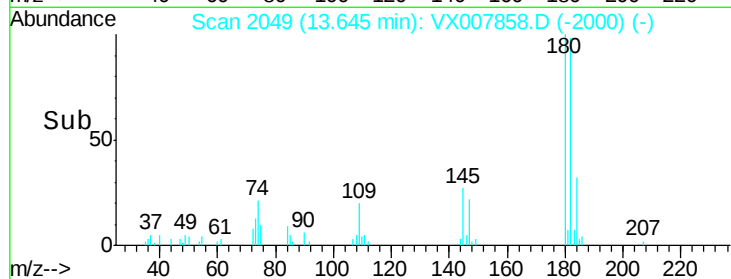
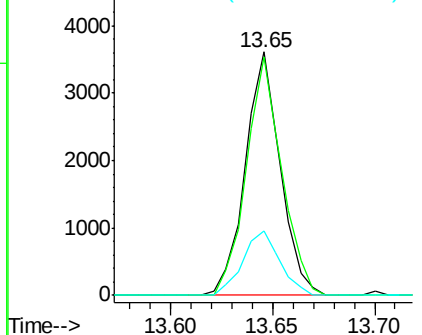
#93
 1,2,4-Trichlorobenzene
 Concen: 1.097 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 4303
 Ion Ratio Lower Upper
 180 100
 182 99.0 47.9 143.7
 145 27.9 14.1 42.4

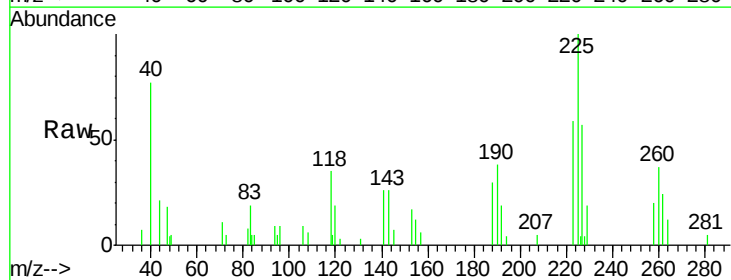


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

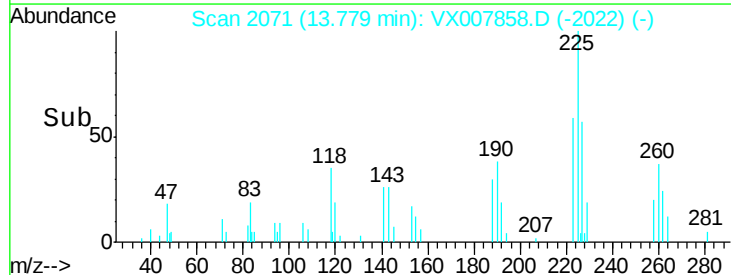
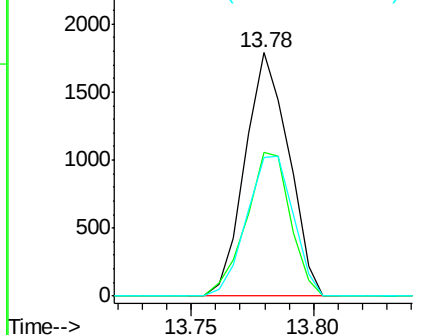


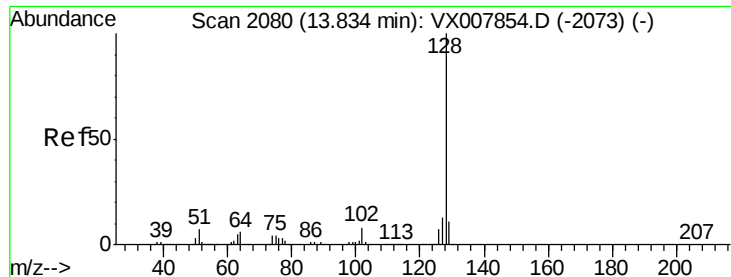
#94
 Hexachlorobutadiene
 Concen: 1.083 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion:225 Resp: 2222
 Ion Ratio Lower Upper
 225 100
 223 59.8 31.1 93.2
 227 61.3 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: 1.019 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

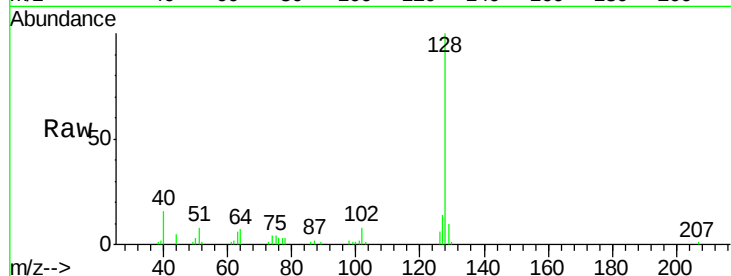
Tgt Ion:128 Resp: 11516

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

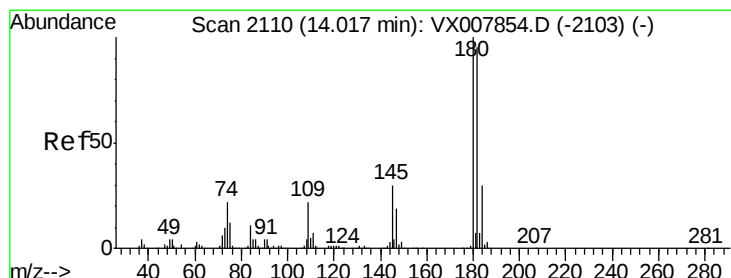
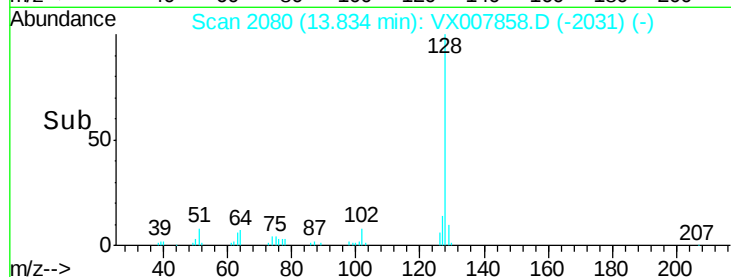
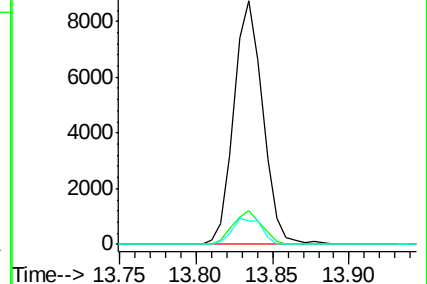
129 10.6 8.7 13.1



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: 1.079 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

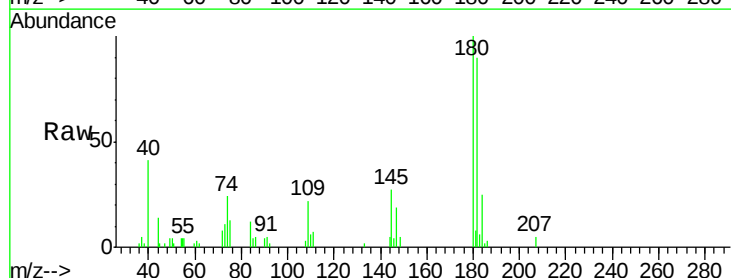
Tgt Ion:180 Resp: 4217

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.5

145 29.4 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

