

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007083.D
 Acq On : 17 Jan 2019 12:43
 Operator : JC/SP
 Sample : VX0117WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Quant Time: Jan 18 04:48:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	542054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	792148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	720099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369634	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	282646	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	5.51	113	249367	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	937704	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	333524	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	90123	20.246	ug/l	97
3) Chloromethane	1.33	50	107111	20.670	ug/l	99
4) Vinyl Chloride	1.41	62	118277	21.219	ug/l	100
5) Bromomethane	1.64	94	108788	18.267	ug/l	97
6) Chloroethane	1.71	64	83641	21.489	ug/l	94
7) Trichlorofluoromethane	1.93	101	197481	21.926	ug/l	94
8) Diethyl Ether	2.19	74	74108	20.682	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	109358	20.281	ug/l	99
10) Methyl Iodide	2.51	142	154478	21.238	ug/l	97
11) Tert butyl alcohol	3.08	59	131238	98.209	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101532	20.380	ug/l	97
13) Acrolein	2.30	56	80980	141.860	ug/l	99
14) Allyl chloride	2.73	41	174498	20.438	ug/l	98
15) Acrylonitrile	3.15	53	322093	104.995	ug/l	99
16) Acetone	2.45	43	292247	104.353	ug/l	96
17) Carbon Disulfide	2.57	76	205199	15.998	ug/l	100
18) Methyl Acetate	2.78	43	179687	22.156	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	363919	21.046	ug/l	97
20) Methylene Chloride	2.86	84	114109	21.095	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	103671	18.673	ug/l	98
22) Diisopropyl ether	3.87	45	320253	19.952	ug/l	94
23) Vinyl Acetate	3.82	43	1284967	94.926	ug/l	99
24) 1,1-Dichloroethane	3.70	63	174243	19.413	ug/l	99
25) 2-Butanone	4.70	43	393467	98.190	ug/l	99
26) 2,2-Dichloropropane	4.59	77	121006	17.533	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	115361	18.838	ug/l	99
28) Bromochloromethane	5.02	49	76044	19.338	ug/l	95
29) Tetrahydrofuran	5.15	42	257622	98.926	ug/l	97
30) Chloroform	5.21	83	183277	19.503	ug/l	98
31) Cyclohexane	5.57	56	147760	18.497	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	149850	18.813	ug/l	98
36) 1,1-Dichloropropene	5.80	75	128927	18.720	ug/l	98
37) Ethyl Acetate	4.85	43	148584	20.124	ug/l	98
38) Carbon Tetrachloride	5.79	117	128288	18.514	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0117WBS01

Quant Time: Jan 18 04:48:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162078	18.460	ug/l	99
40) Benzene	6.14	78	414799	19.739	ug/l	99
41) Methacrylonitrile	5.06	41	81117	19.071	ug/l	98
42) 1,2-Dichloroethane	6.20	62	140706	19.376	ug/l	100
43) Isopropyl Acetate	6.46	43	233387	20.039	ug/l	98
44) Trichloroethene	7.21	130	120171	19.083	ug/l	93
45) 1,2-Dichloropropane	7.52	63	101655	19.241	ug/l	97
46) Dibromomethane	7.66	93	71697	19.310	ug/l	95
47) Bromodichloromethane	7.90	83	118717	18.784	ug/l	99
48) Methyl methacrylate	7.77	41	120920	20.217	ug/l	96
49) 1,4-Dioxane	7.75	88	47821	344.490	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	777504	103.878	ug/l	99
52) Toluene	8.78	92	267279	19.789	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	129606	18.494	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	144722	18.699	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	114081	21.102	ug/l	99
56) Ethyl methacrylate	9.18	69	159159	20.166	ug/l	94
57) 1,3-Dichloropropane	9.37	76	180263	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	423879	104.456	ug/l	99
59) 2-Hexanone	9.49	43	582340	102.096	ug/l	99
60) Dibromochloromethane	9.59	129	101445	19.324	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122167	20.526	ug/l	98
64) Tetrachloroethene	9.34	164	127779	20.496	ug/l	96
65) Chlorobenzene	10.14	112	309279	19.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106614	20.179	ug/l	97
67) Ethyl Benzene	10.25	91	506630	19.540	ug/l	100
68) m/p-Xylenes	10.36	106	400200	39.176	ug/l	99
69) o-Xylene	10.70	106	197448	19.819	ug/l	98
70) Styrene	10.71	104	318229	20.168	ug/l	99
71) Bromoform	10.86	173	72580	18.630	ug/l	98
73) Isopropylbenzene	11.02	105	531395	20.388	ug/l	99
74) N-amyl acetate	10.90	43	205433	19.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	161937	19.570	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172431	23.020	ug/l	91
77) Bromobenzene	11.26	156	144233	20.083	ug/l	99
78) n-propylbenzene	11.36	91	578731	20.226	ug/l	100
79) 2-Chlorotoluene	11.42	91	343966	19.970	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	425949	19.558	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35667	17.065	ug/l	88
82) 4-Chlorotoluene	11.51	91	396496	19.882	ug/l	100
83) tert-Butylbenzene	11.77	119	427725	19.684	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	443231	20.238	ug/l	100
85) sec-Butylbenzene	11.94	105	520798	20.069	ug/l	99
86) p-Isopropyltoluene	12.06	119	466482	20.096	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	253188	19.505	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	253254	20.677	ug/l	99
89) n-Butylbenzene	12.39	91	396118	20.019	ug/l	99
90) Hexachloroethane	12.60	117	61773	18.609	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	254214	19.845	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29662	18.125	ug/l	95

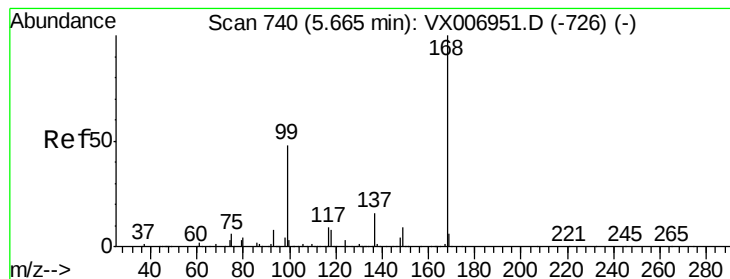
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007083.D
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Sample : VX0117WBS01
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ClientSampleId :
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Quant Time: Jan 18 04:48:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	174029	19.801	ug/l	99
94) Hexachlorobutadiene	13.78	225	80527	20.647	ug/l	98
95) Naphthalene	13.83	128	541845	20.346	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	175066	20.052	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: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

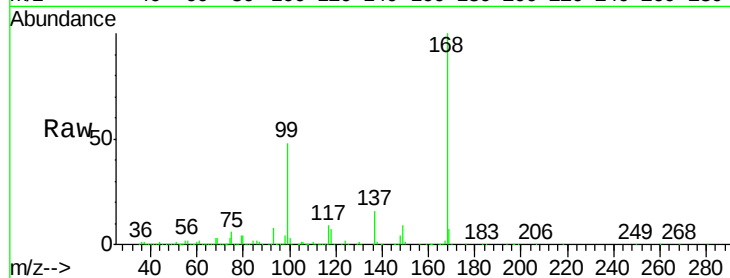
VX0117WBS01

Tot Ion:168 Resp: 542054

Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

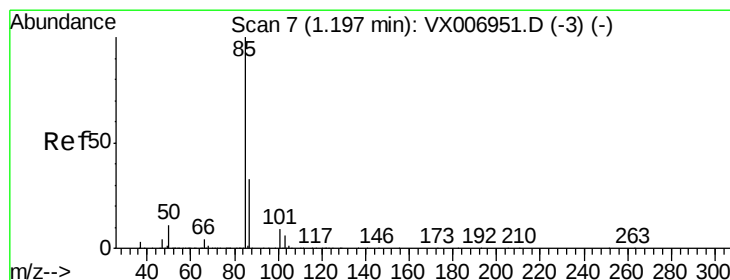
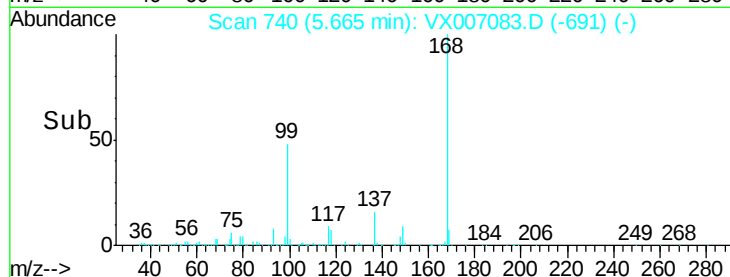
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.246 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007083.D

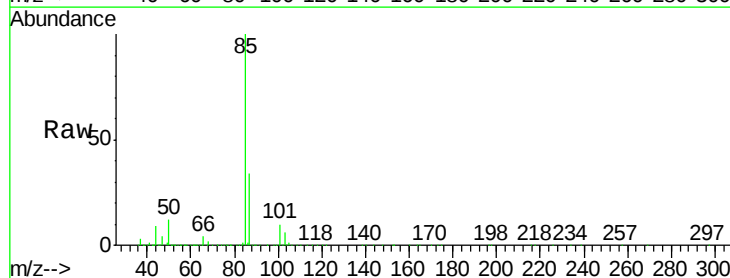
Acq: 17 Jan 2019 12:43

Tgt Ion: 85 Resp: 90123

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

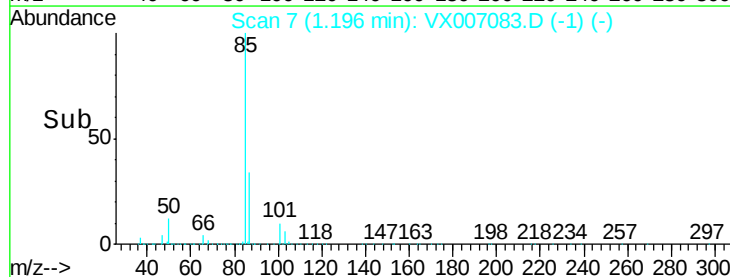
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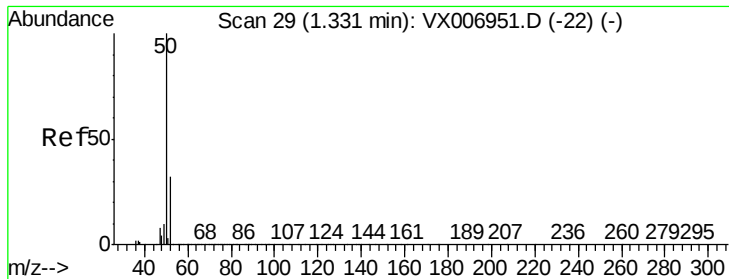
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Time-->

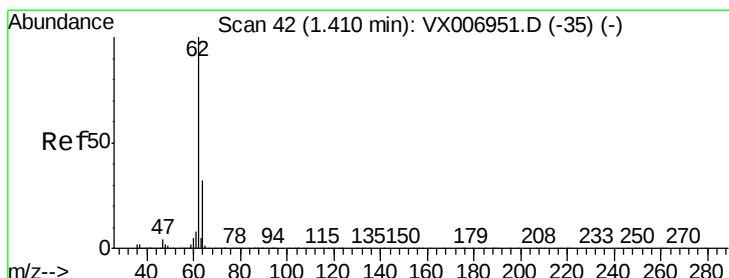
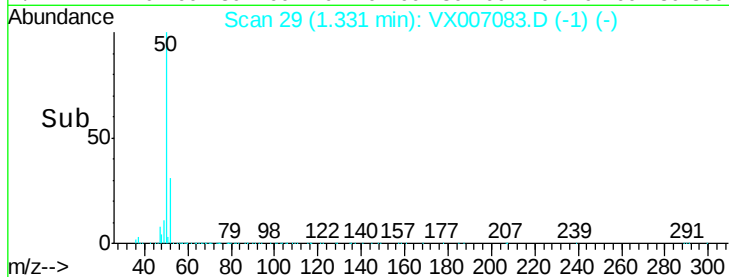
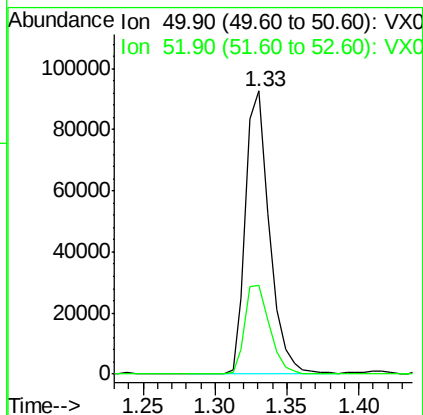
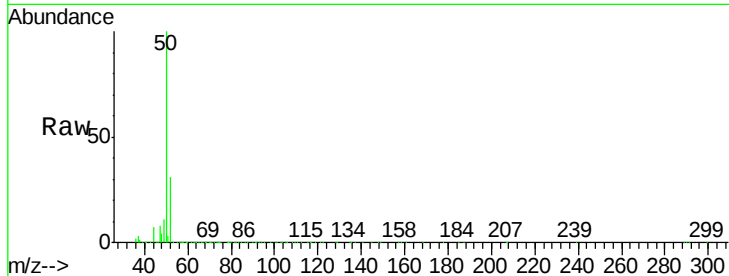




#3
Chloromethane
Concen: 20.670 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

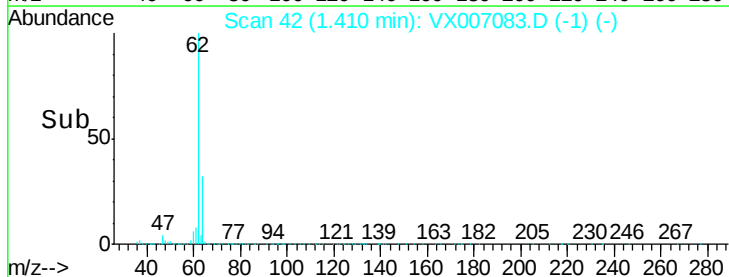
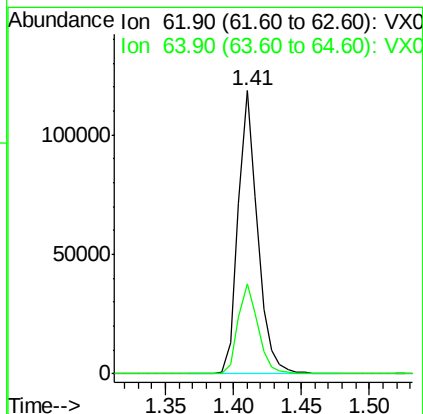
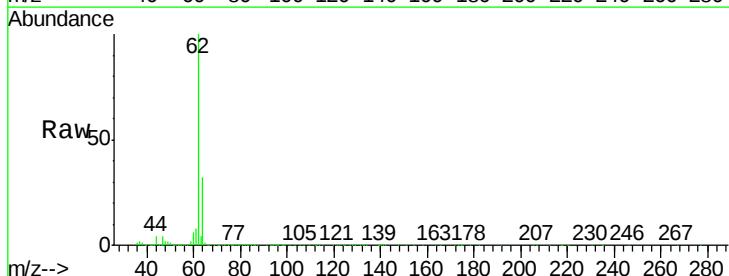
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

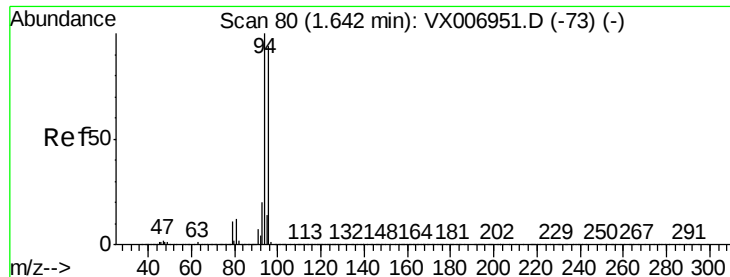
Tot Ion: 50 Resp: 107111
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.2



#4
Vinyl Chloride
Concen: 21.219 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 62 Resp: 118277
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5

Bromomethane

Concen: 18.267 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

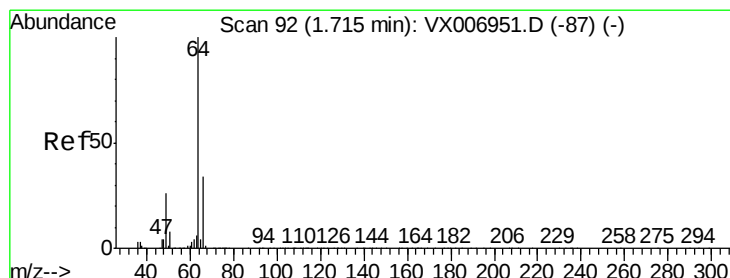
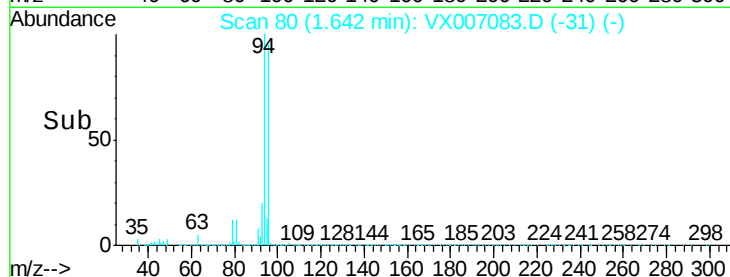
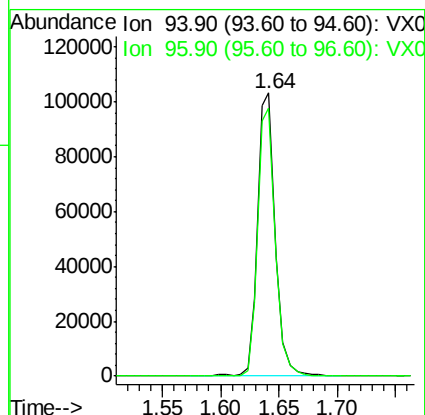
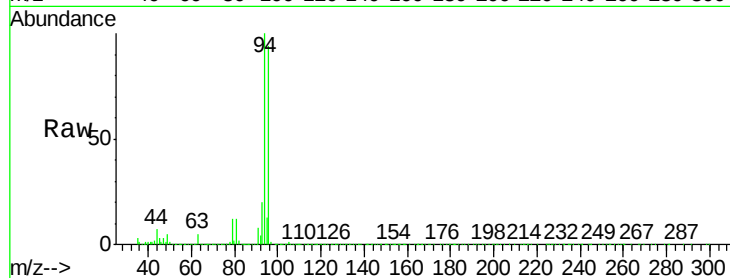
VX0117WBS01

Tot Ion: 94 Resp: 108788

Ion Ratio Lower Upper

94 100

96 94.5 73.4 110.2



#6

Chloroethane

Concen: 21.489 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007083.D

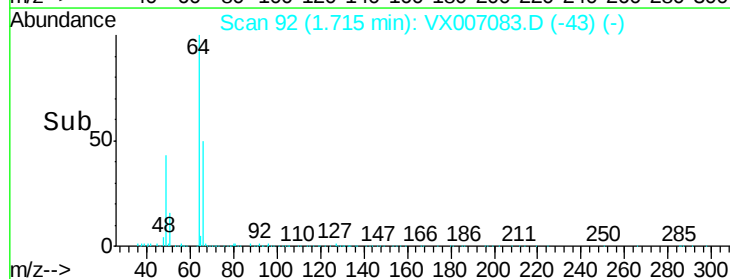
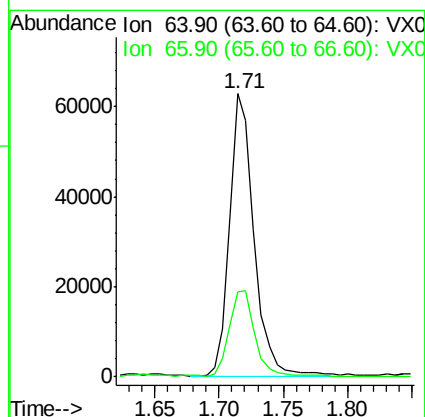
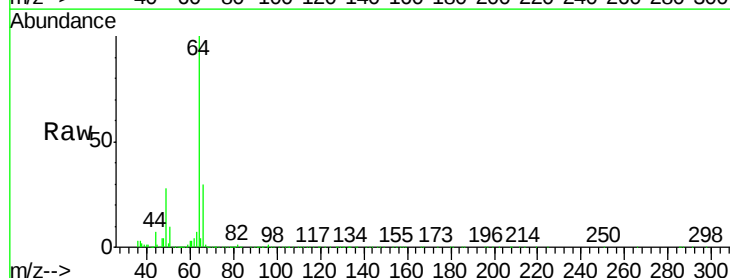
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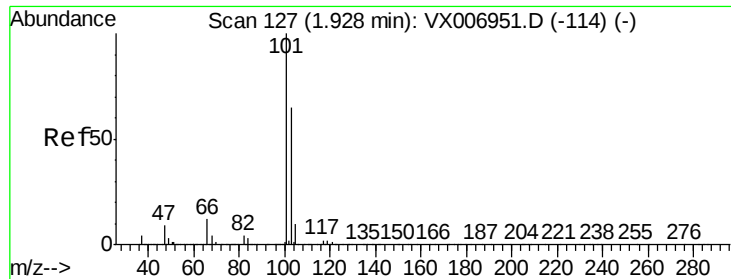
Tgt Ion: 64 Resp: 83641

Ion Ratio Lower Upper

64 100

66 29.7 26.4 39.6



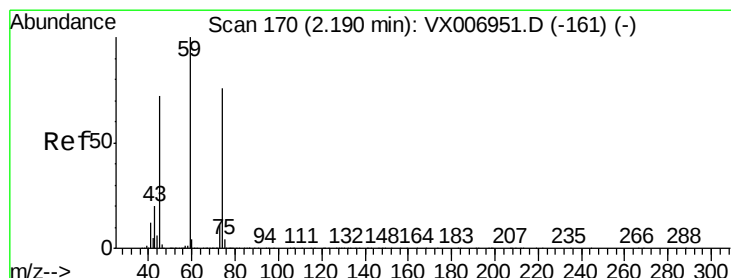
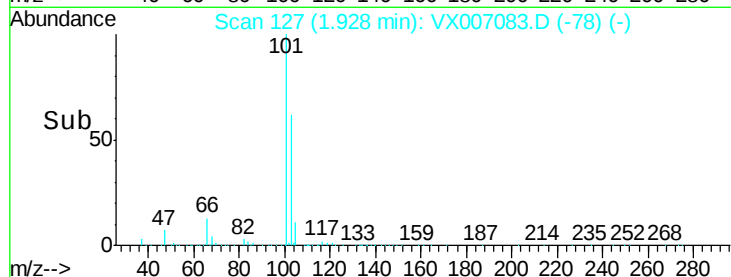
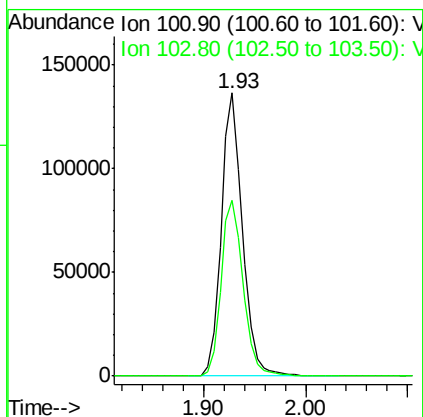
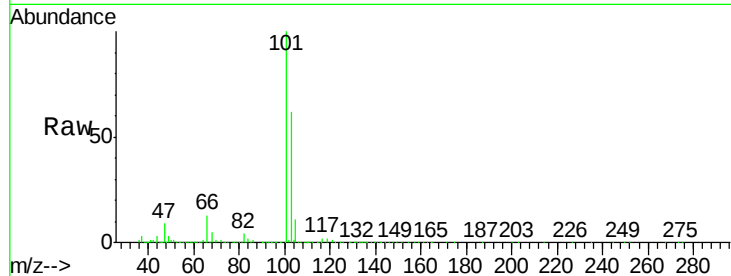


#7

Trichlorofluoromethane
Concen: 21.926 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

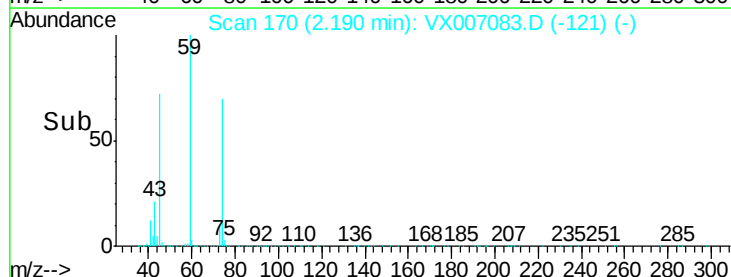
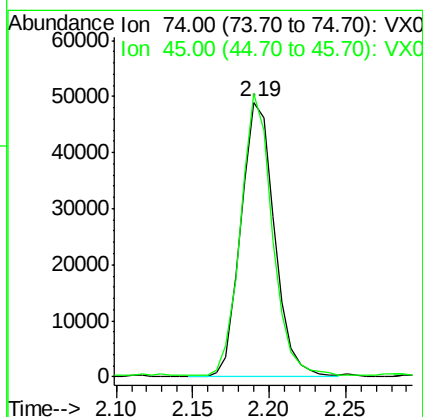
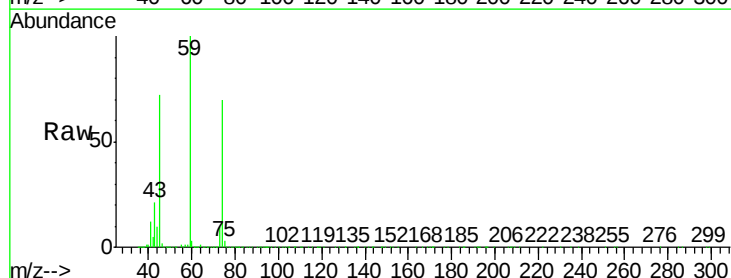
Tot Ion:101 Resp: 197481
Ion Ratio Lower Upper
101 100
103 62.1 53.2 79.8

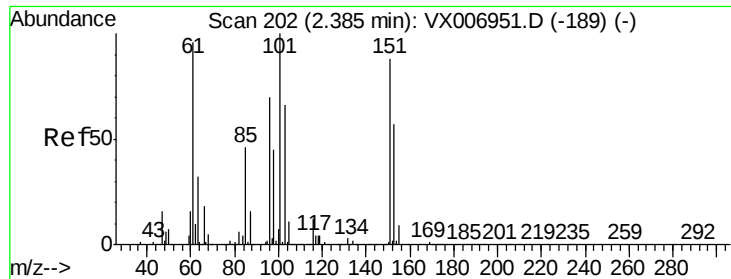


#8

Diethyl Ether
Concen: 20.682 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 74 Resp: 74108
Ion Ratio Lower Upper
74 100
45 97.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.281 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

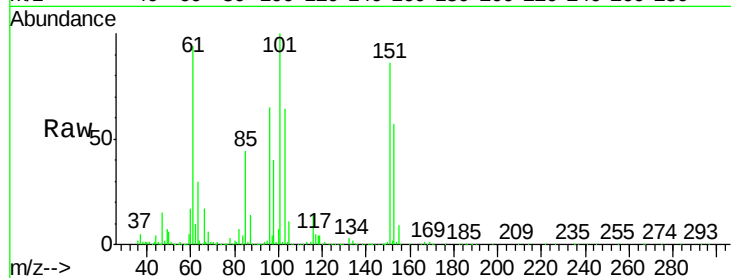
Tot Ion:101 Resp: 109358

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

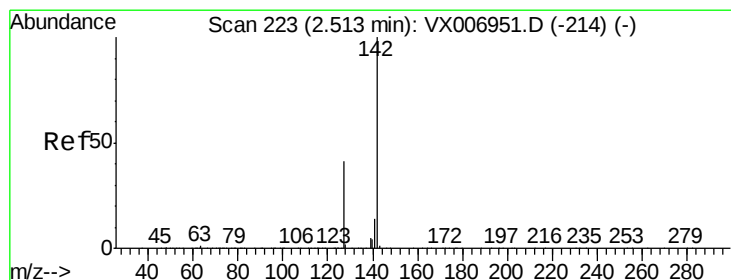
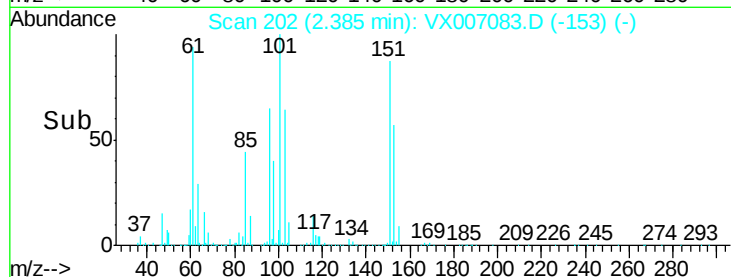
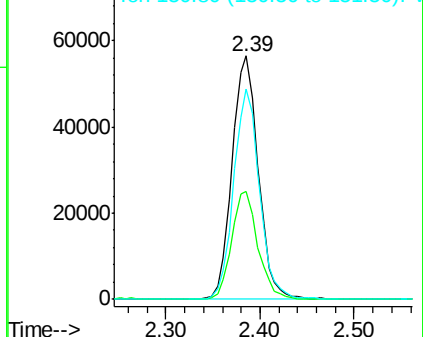
151 85.2 68.9 103.3



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: 21.238 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

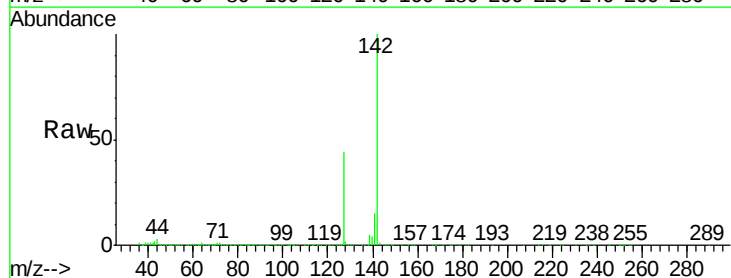
Tgt Ion:142 Resp: 154478

Ion Ratio Lower Upper

142 100

127 44.1 33.9 50.9

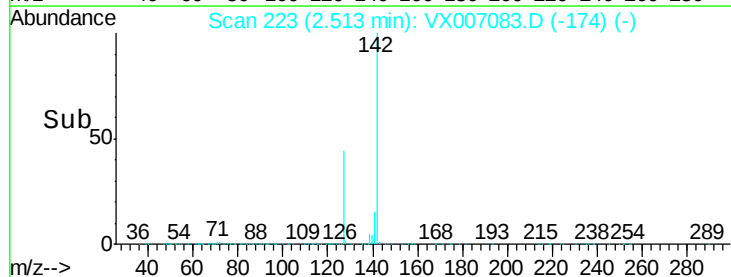
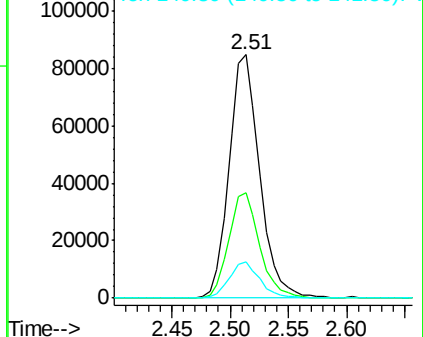
141 15.2 11.4 17.0

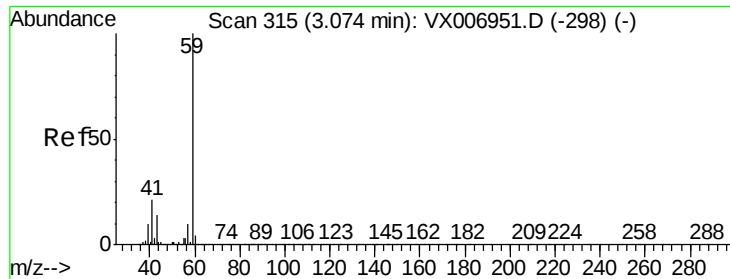


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



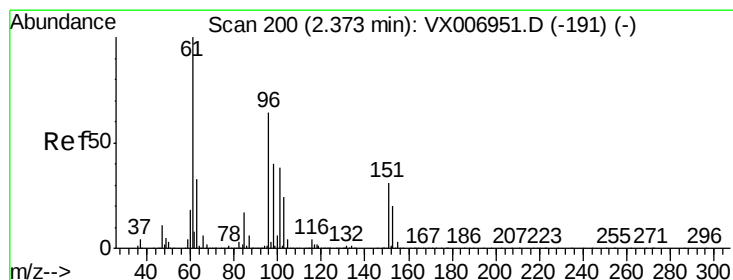
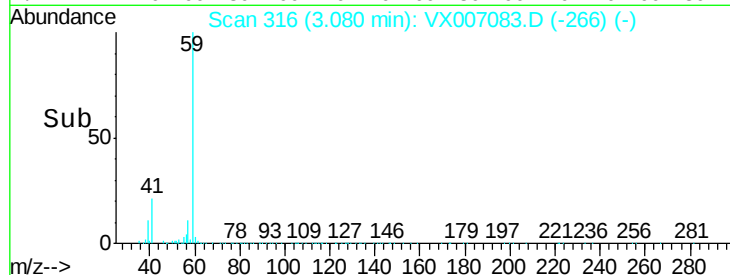
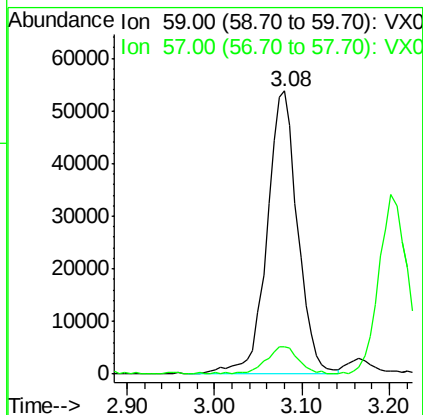
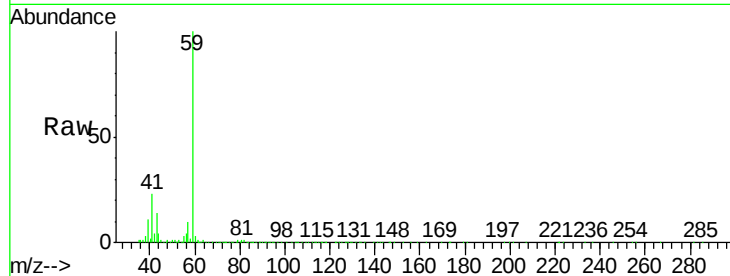


#11

Tert butyl alcohol
 Concen: 98.209 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

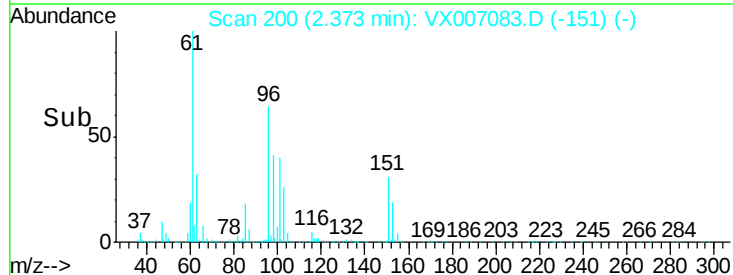
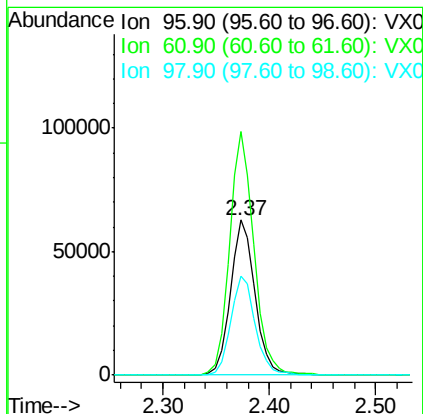
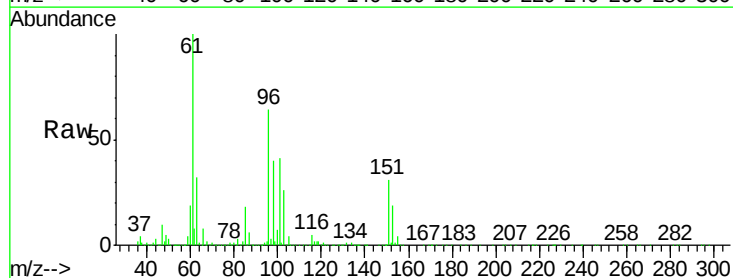
Tot Ion: 59 Resp: 131238
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

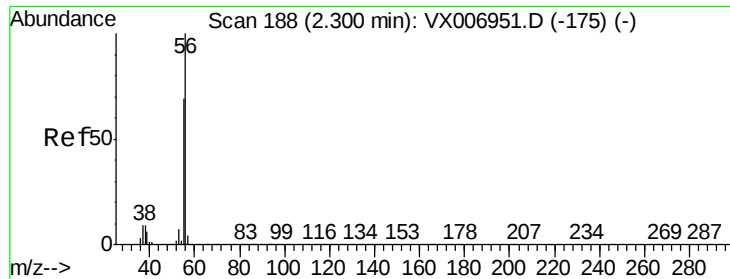


#12

1,1-Dichloroethene
 Concen: 20.380 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Tgt Ion: 96 Resp: 101532
 Ion Ratio Lower Upper
 96 100
 61 156.8 121.4 182.2
 98 63.4 51.9 77.9





#13

Acrolein

Concen: 141.860 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

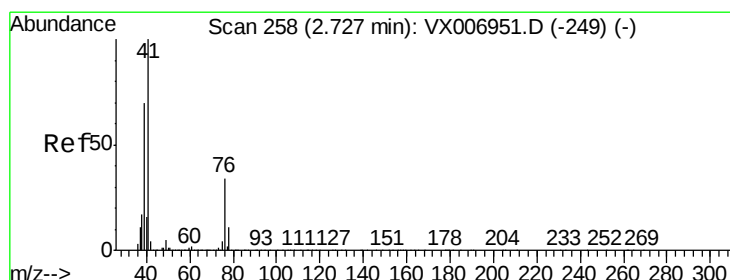
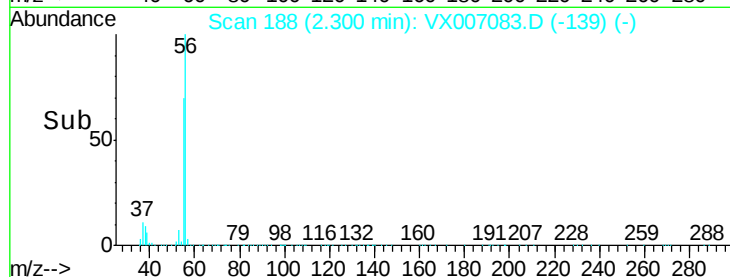
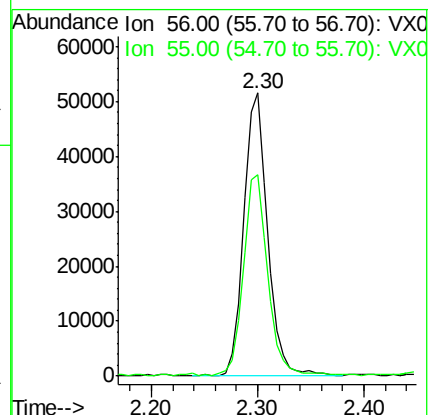
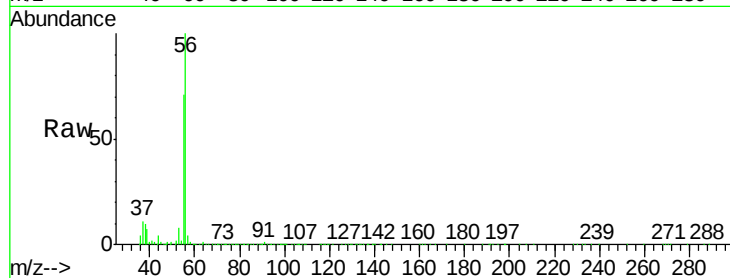
VX0117WBS01

Tot Ion: 56 Resp: 80980

Ion Ratio Lower Upper

56 100

55 72.2 58.2 87.4



#14

Allyl chloride

Concen: 20.438 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

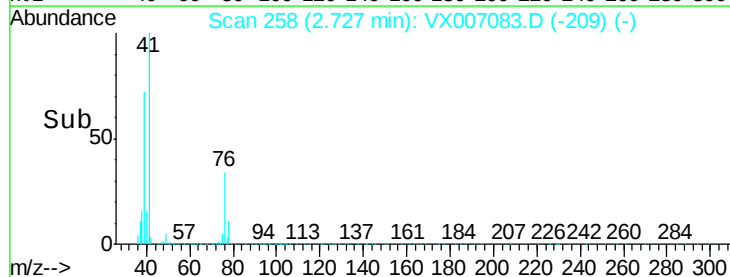
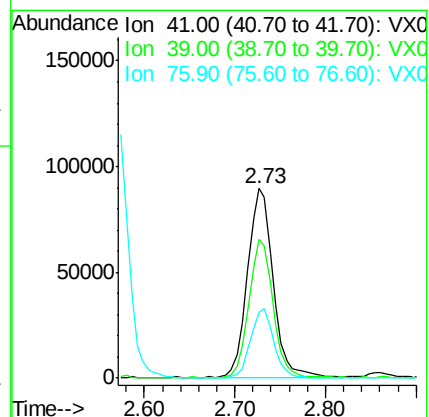
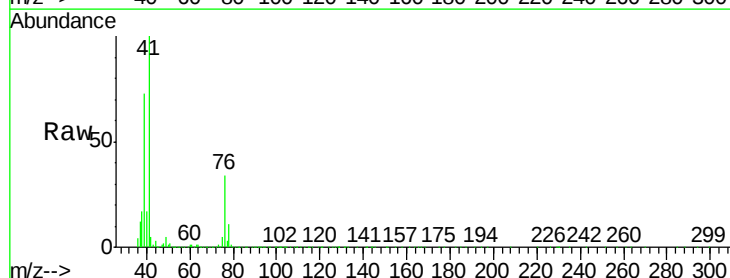
Tgt Ion: 41 Resp: 174498

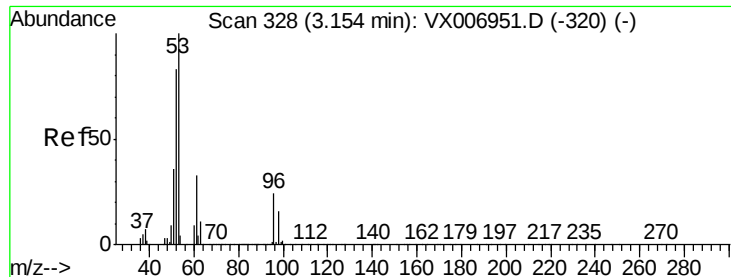
Ion Ratio Lower Upper

41 100

39 68.8 53.6 80.4

76 33.5 27.4 41.2





#15

Acrylonitrile

Concen: 104.995 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

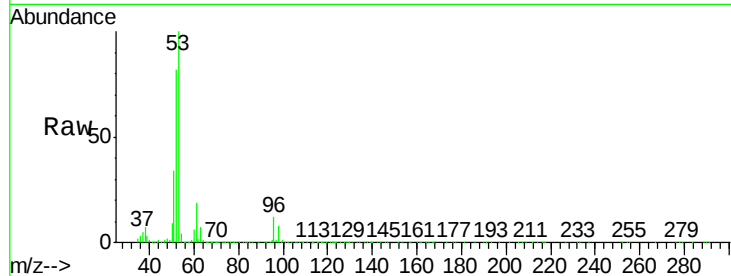
Tot Ion: 53 Resp: 322093

Ion Ratio Lower Upper

53 100

52 83.2 66.0 99.0

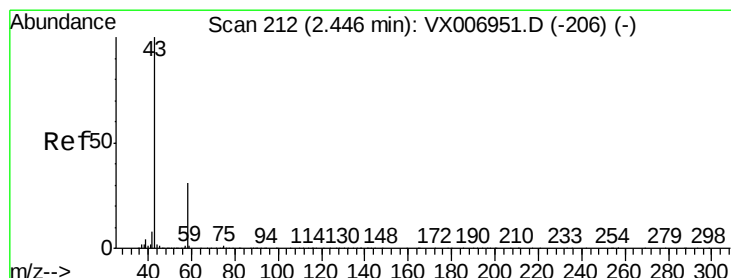
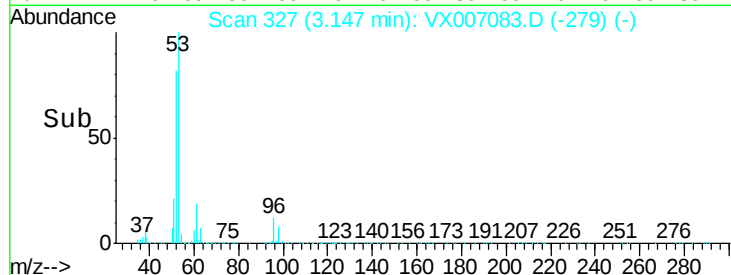
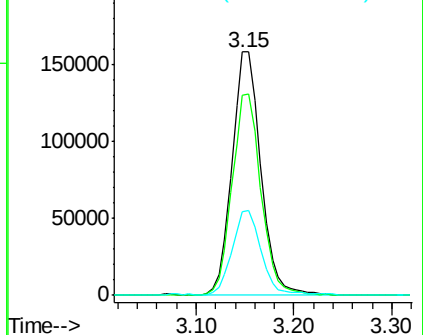
51 35.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.353 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007083.D

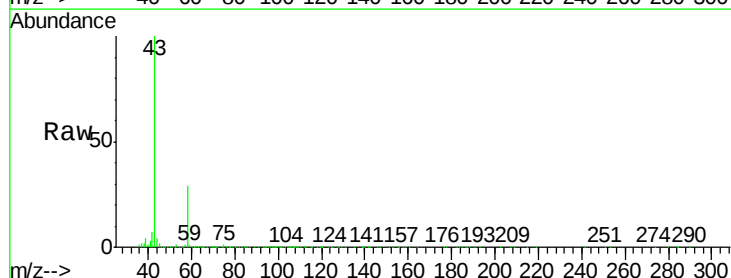
Acq: 17 Jan 2019 12:43

Tgt Ion: 43 Resp: 292247

Ion Ratio Lower Upper

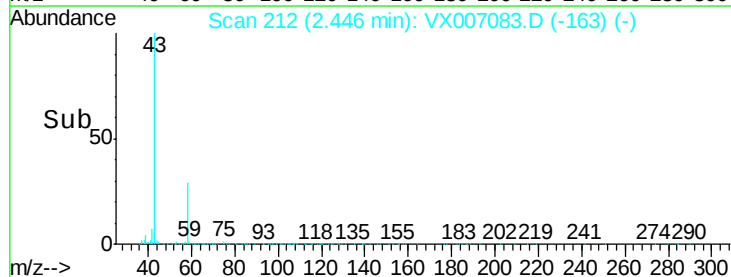
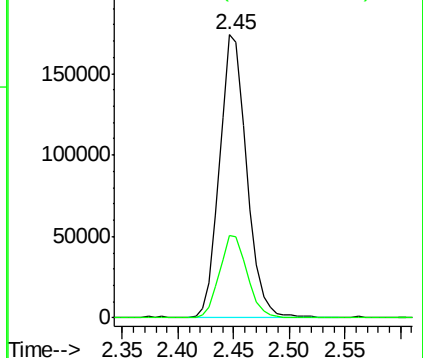
43 100

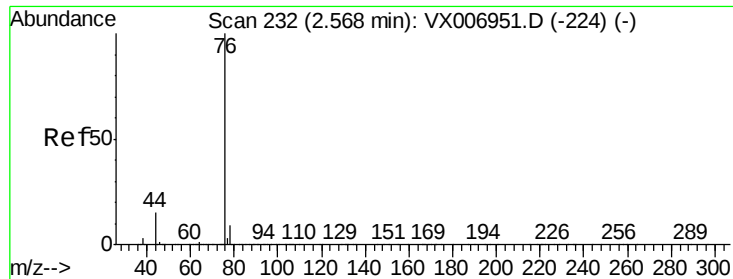
58 29.2 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.998 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

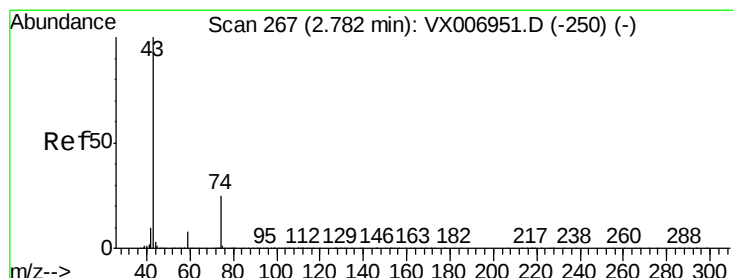
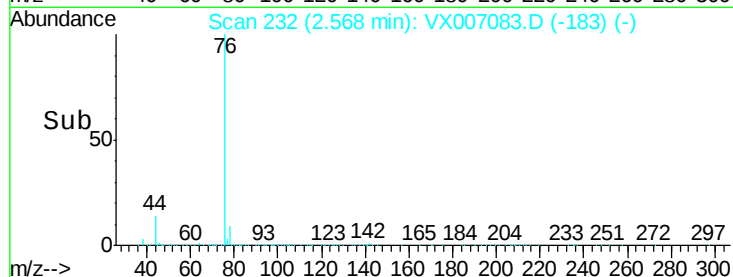
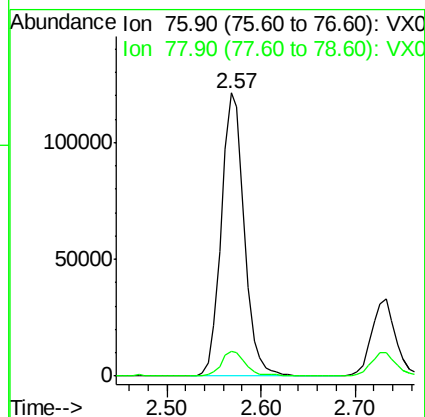
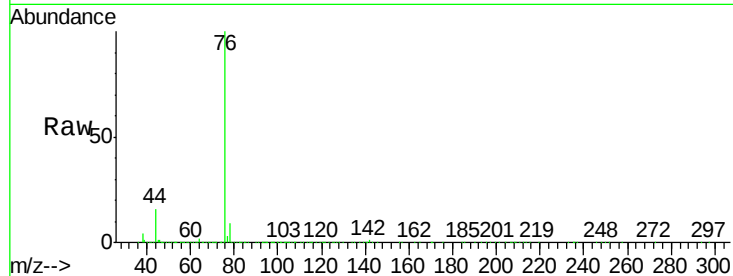
VX0117WBS01

Tot Ion: 76 Resp: 205199

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 22.156 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007083.D

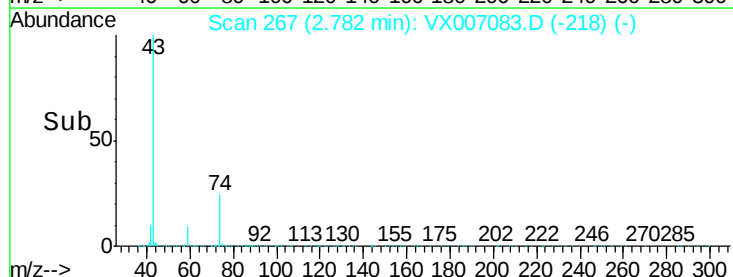
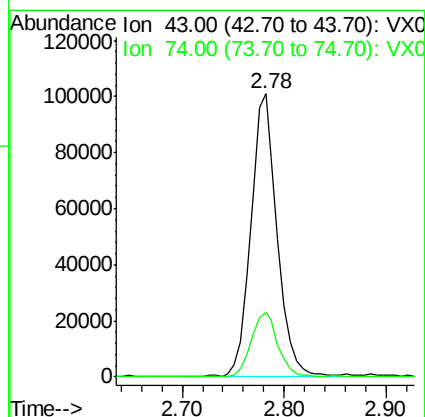
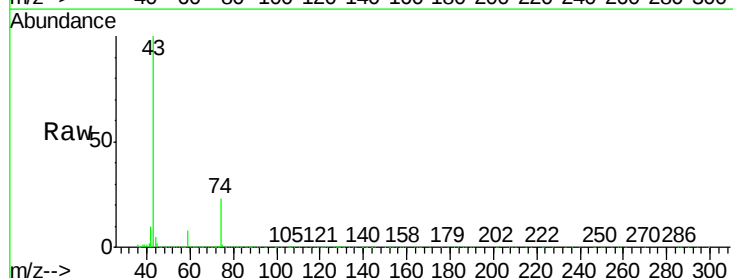
Acq: 17 Jan 2019 12:43

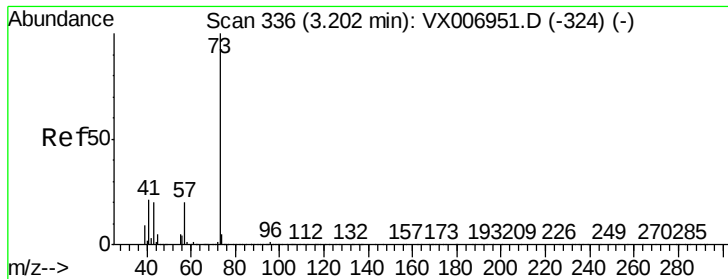
Tgt Ion: 43 Resp: 179687

Ion Ratio Lower Upper

43 100

74 23.0 18.6 28.0

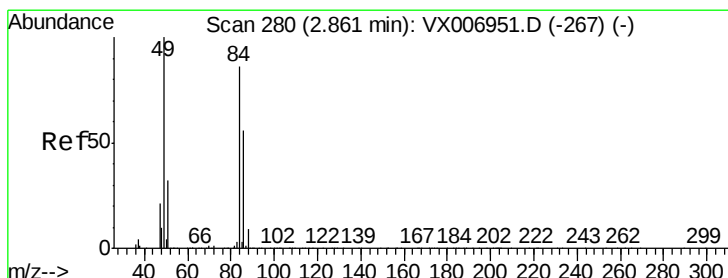
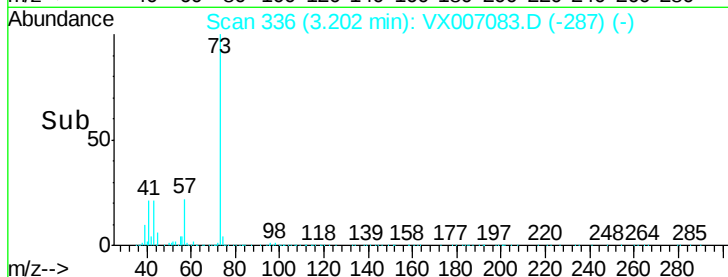
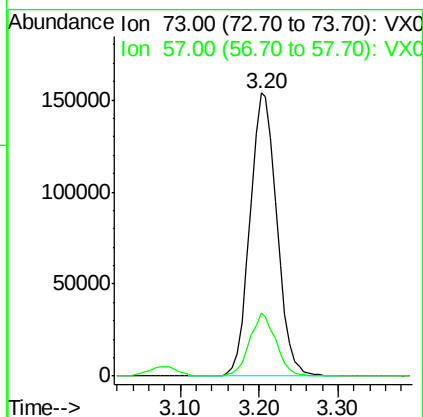
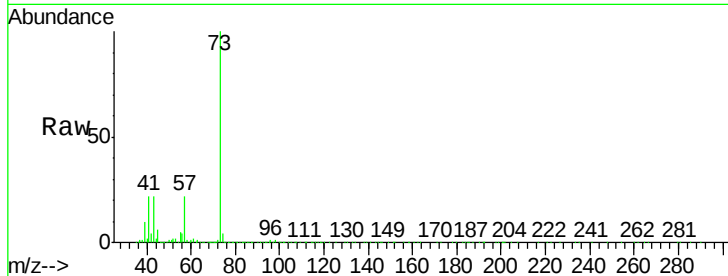




#19
Methyl tert-butyl Ether
Concen: 21.046 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

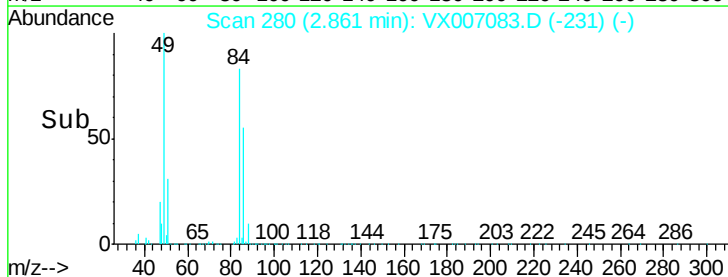
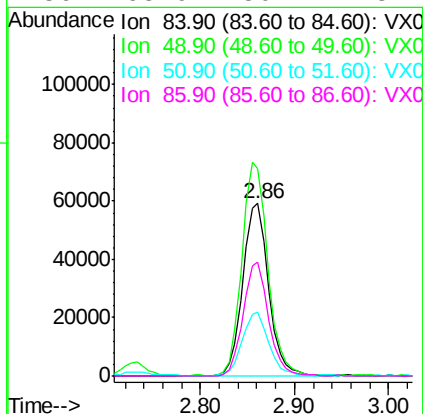
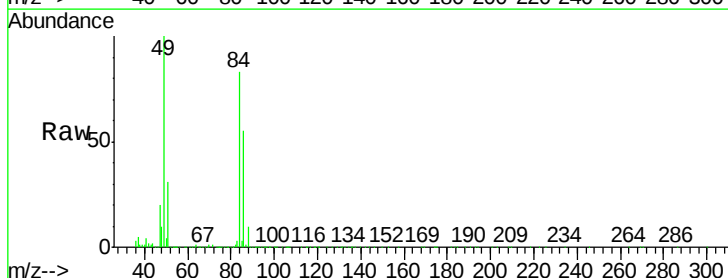
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

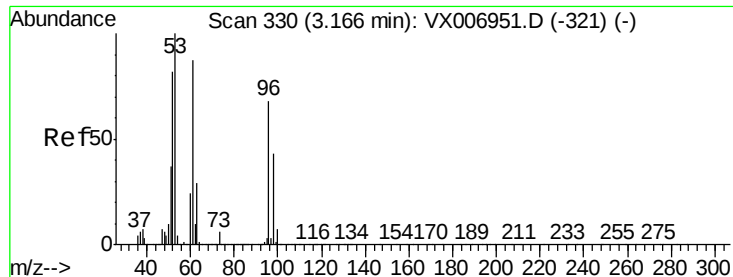
Tot Ion: 73 Resp: 363919
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 21.095 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 84 Resp: 114109
Ion Ratio Lower Upper
84 100
49 120.1 91.8 137.6
51 37.0 28.5 42.7
86 65.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.673 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

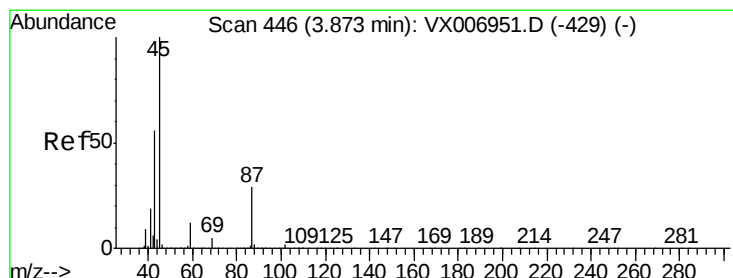
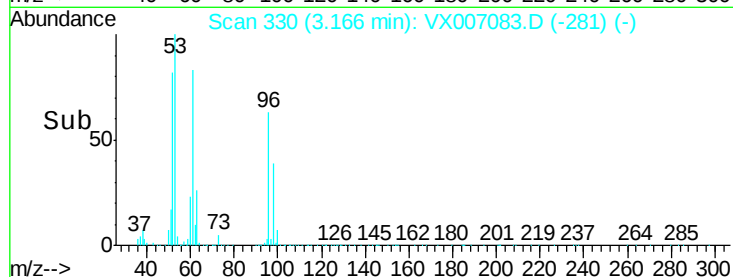
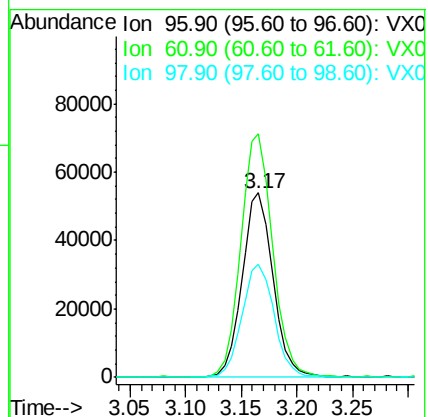
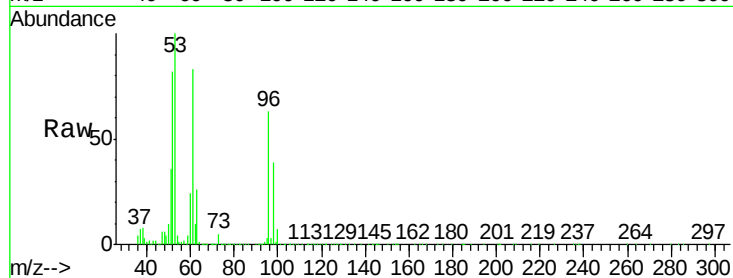
Tot Ion: 96 Resp: 103671

Ion Ratio Lower Upper

96 100

61 132.1 103.7 155.5

98 61.7 51.0 76.6



#22

Diisopropyl ether

Concen: 19.952 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Tgt Ion: 45 Resp: 320253

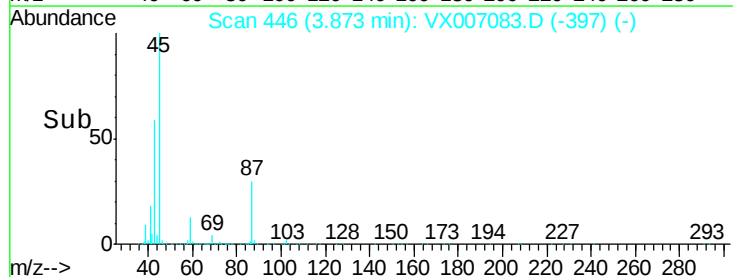
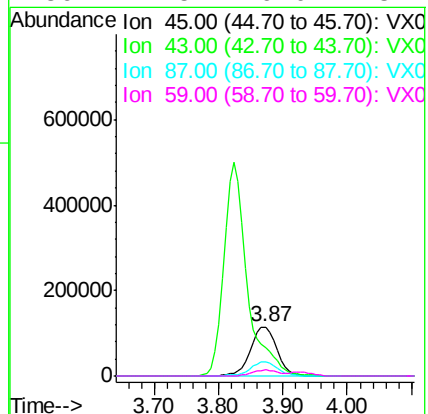
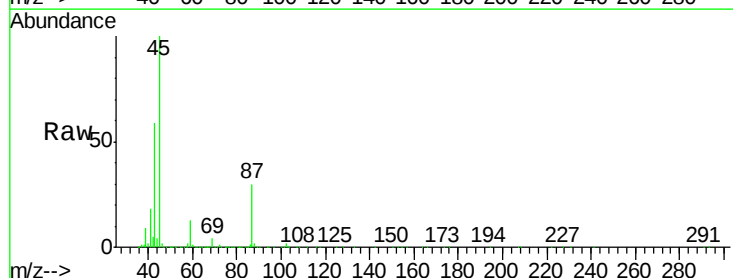
Ion Ratio Lower Upper

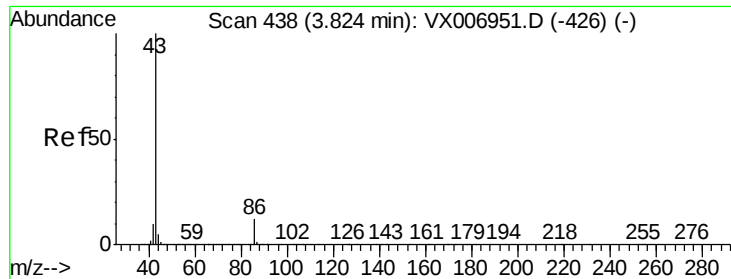
45 100

43 59.0 51.2 76.8

87 29.6 25.8 38.6

59 12.5 9.0 13.4





#23

Vinyl Acetate

Concen: 94.926 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

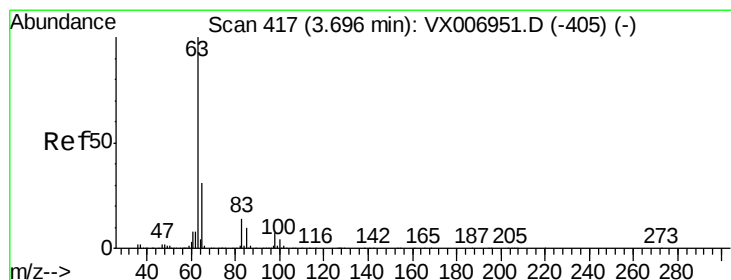
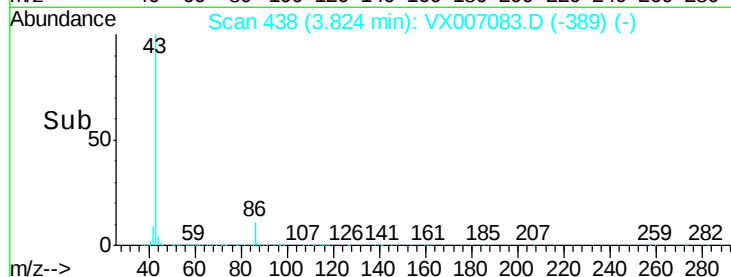
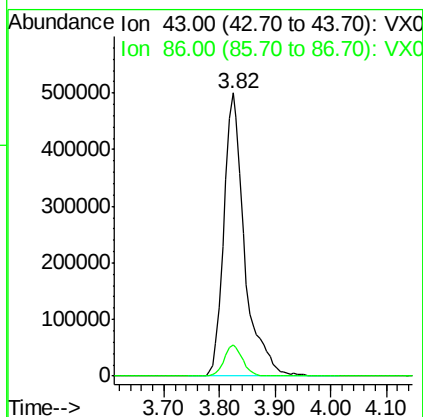
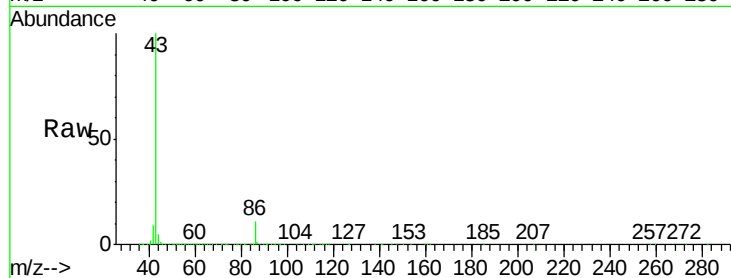
VX0117WBS01

Tot Ion: 43 Resp: 1284967

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.413 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

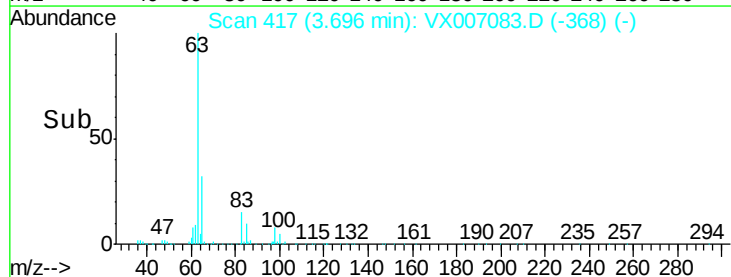
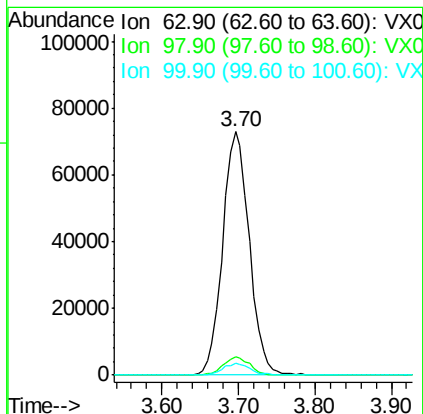
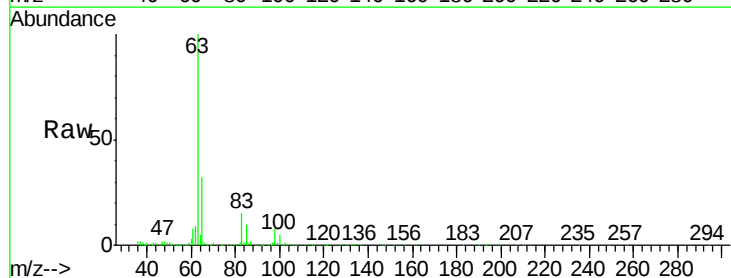
Tgt Ion: 63 Resp: 174243

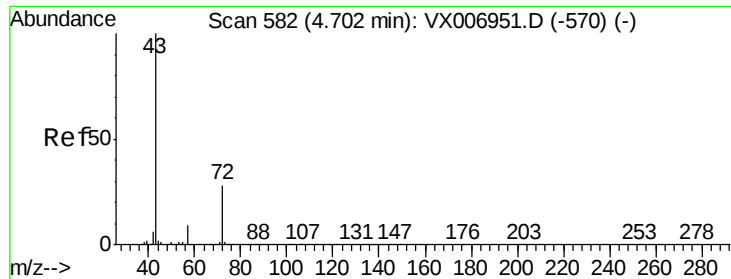
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 98.190 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

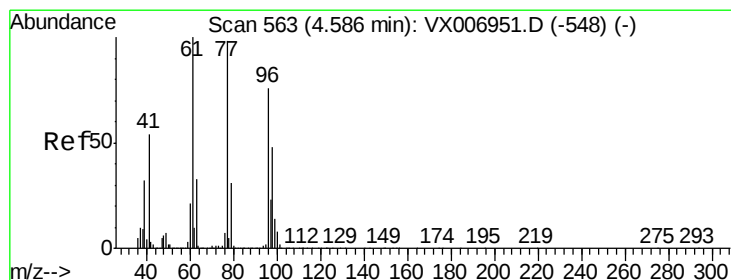
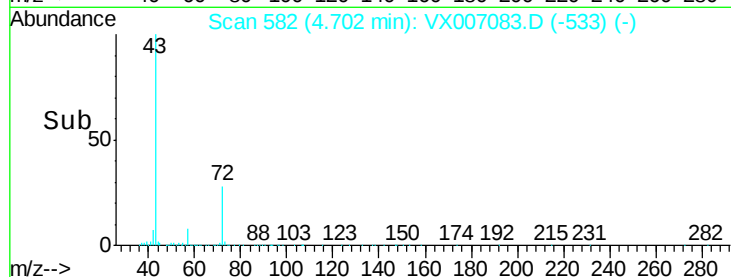
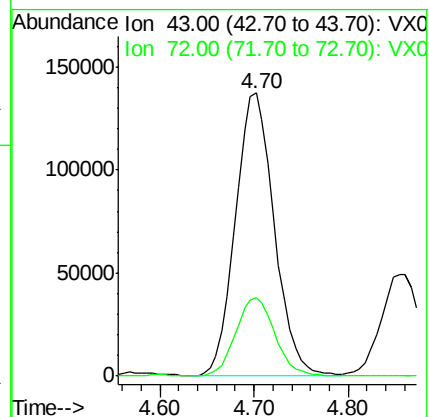
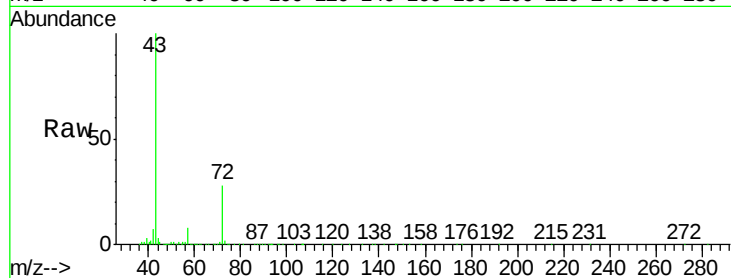
VX0117WBS01

Tot Ion: 43 Resp: 393467

Ion Ratio Lower Upper

43 100

72 27.7 22.4 33.6



#26

2,2-Dichloropropane

Concen: 17.533 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007083.D

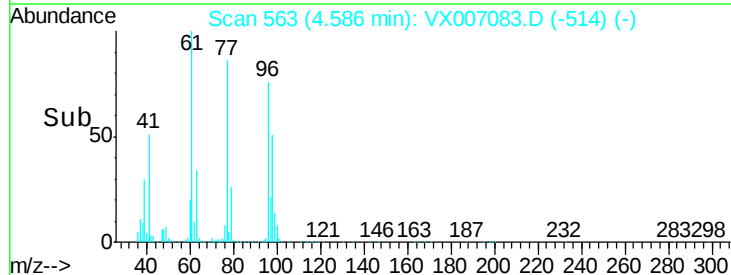
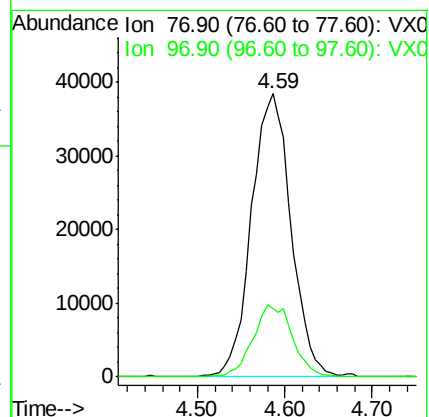
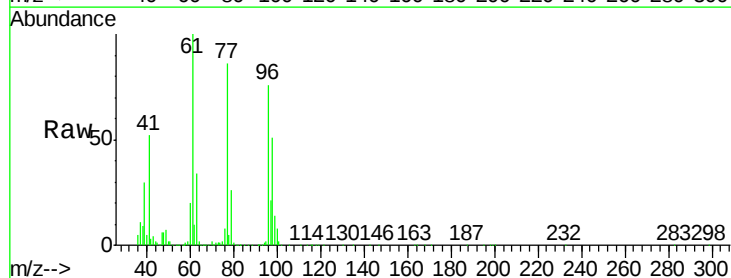
Acq: 17 Jan 2019 12:43

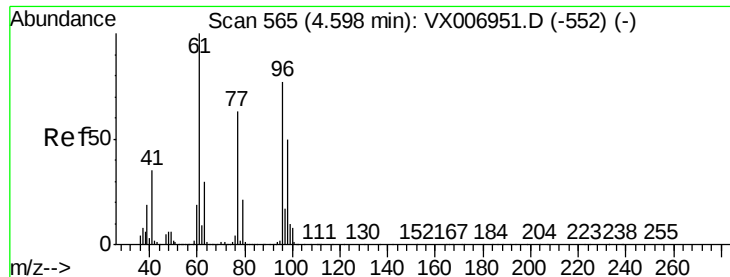
Tgt Ion: 77 Resp: 121006

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4



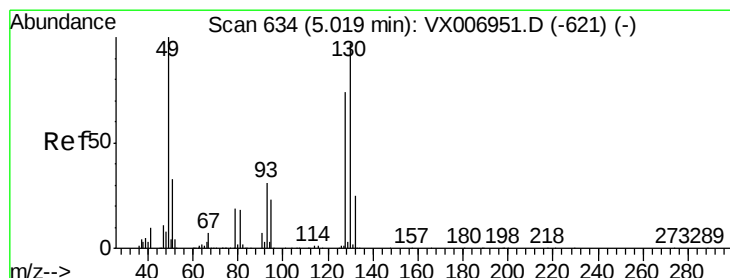
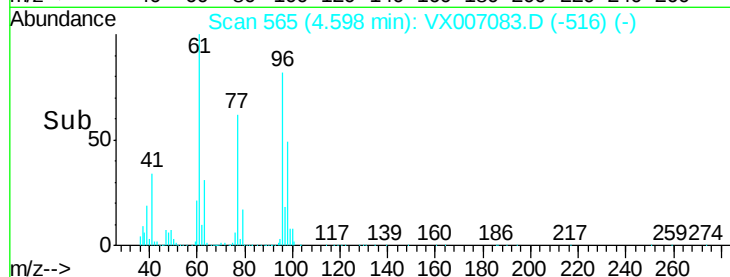
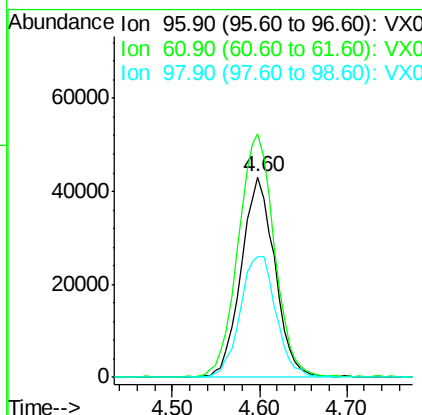
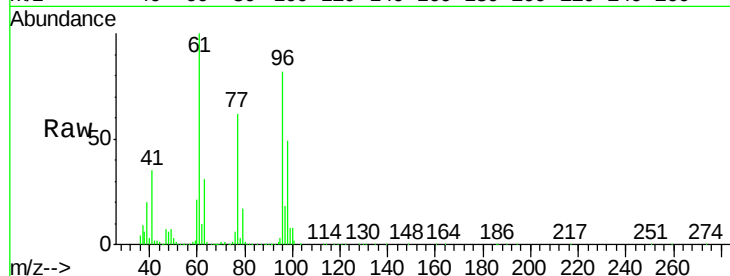


#27

cis-1,2-Dichloroethene
 Concen: 18.838 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

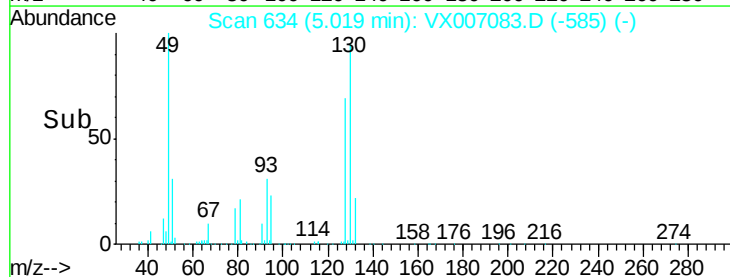
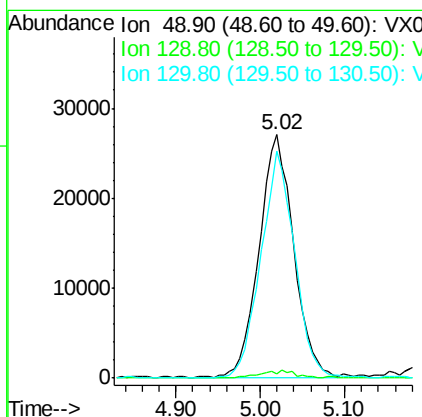
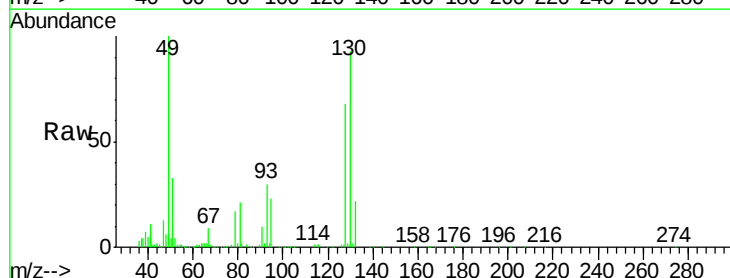
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	258.6
98	64.6	0.0	132.0



#28

Bromochloromethane
 Concen: 19.338 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.4
130	91.8	77.7	116.5

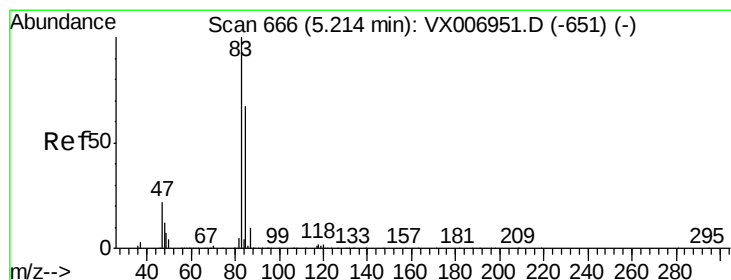
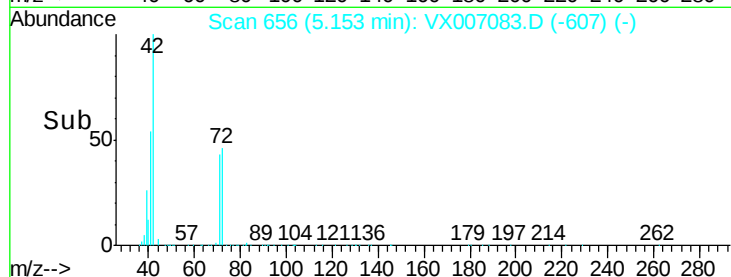
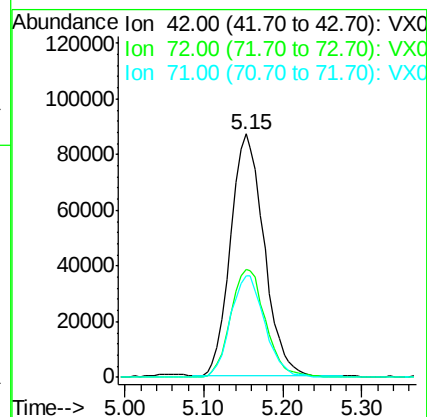
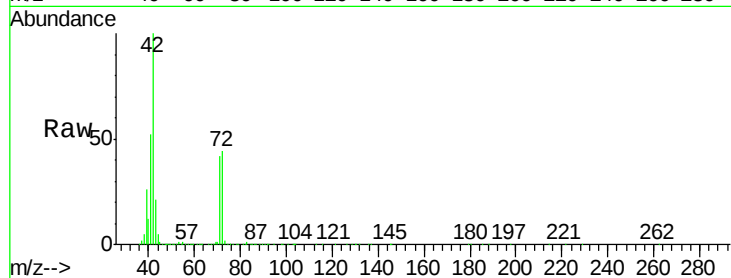




#29
Tetrahydrofuran
Concen: 98.926 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

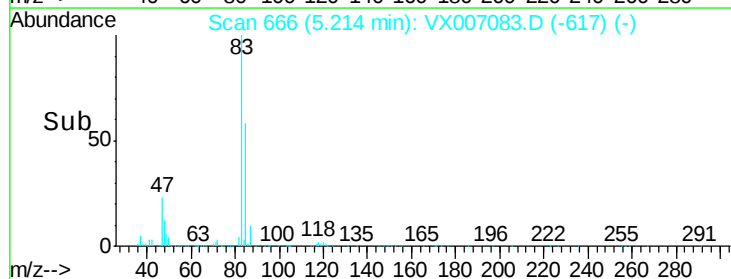
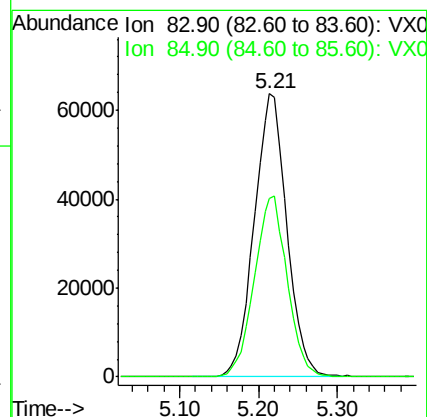
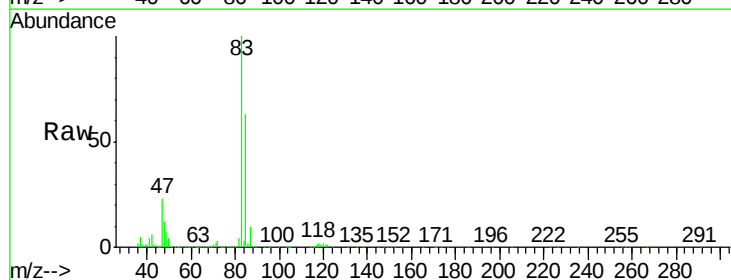
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

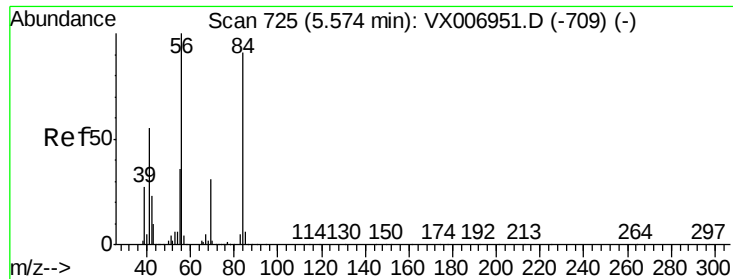
Tot Ion: 42 Resp: 257622
Ion Ratio Lower Upper
42 100
72 46.7 38.9 58.3
71 43.1 36.2 54.4



#30
Chloroform
Concen: 19.503 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 83 Resp: 183277
Ion Ratio Lower Upper
83 100
85 62.7 51.2 76.8

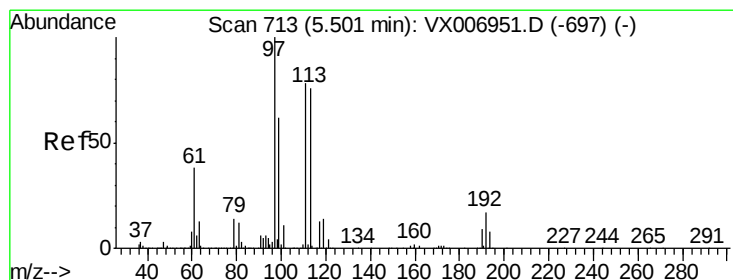
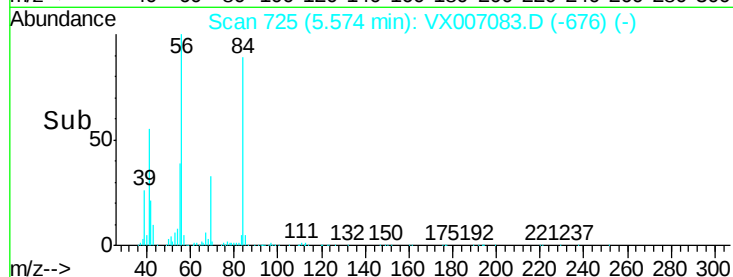
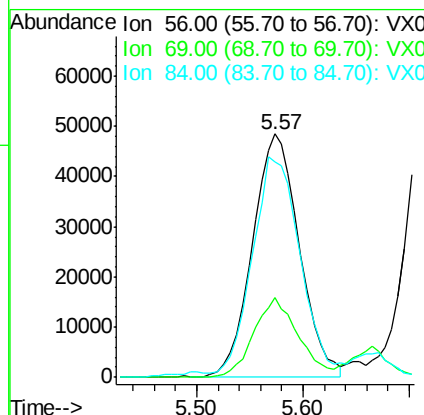
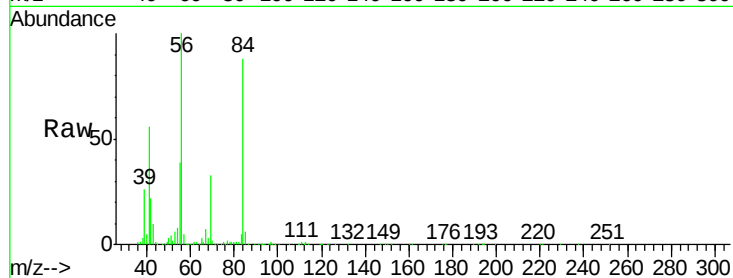




#31
Cyclohexane
Concen: 18.497 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

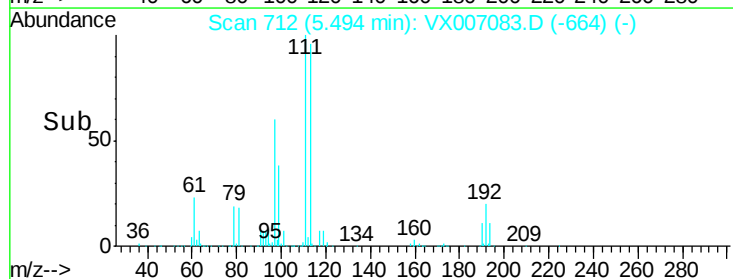
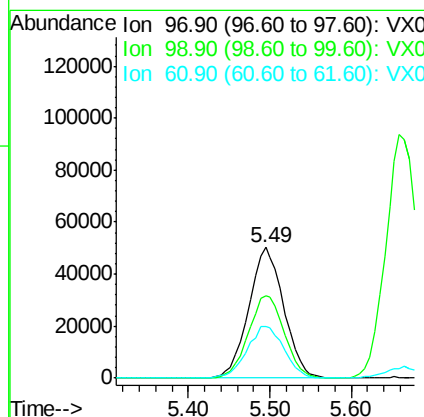
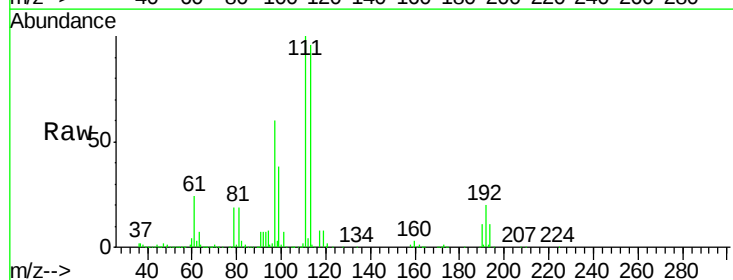
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

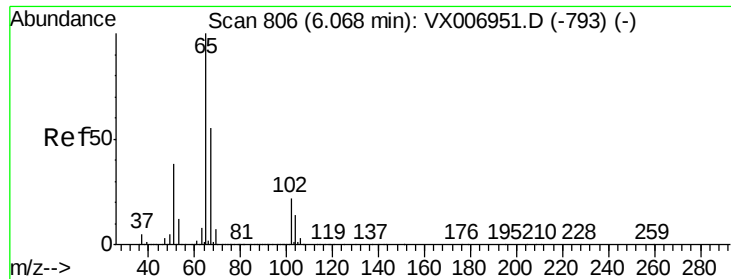
Tot Ion: 56 Resp: 147760
Ion Ratio Lower Upper
56 100
69 32.7 24.4 36.6
84 86.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.813 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 97 Resp: 149850
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 41.9 31.3 46.9

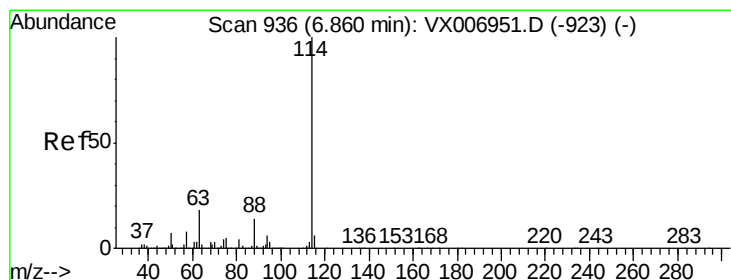
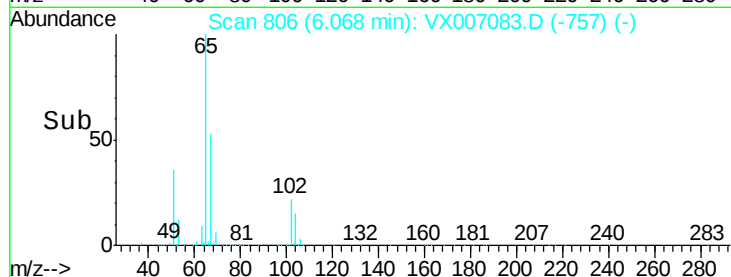
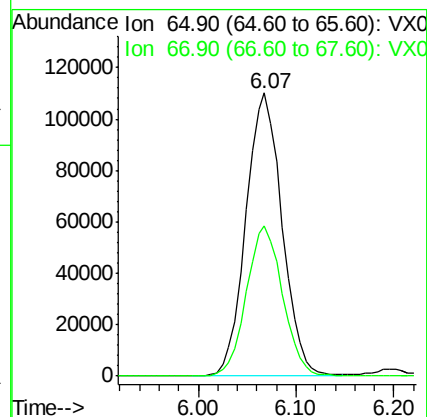
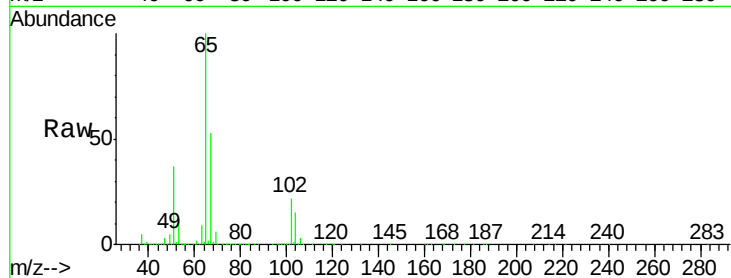




#33
 1,2-Dichloroethane-d4
 Concen: 49.894 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

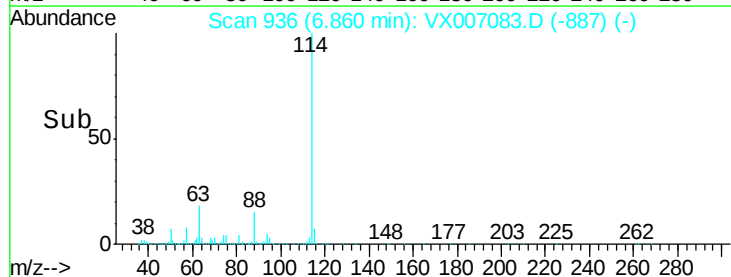
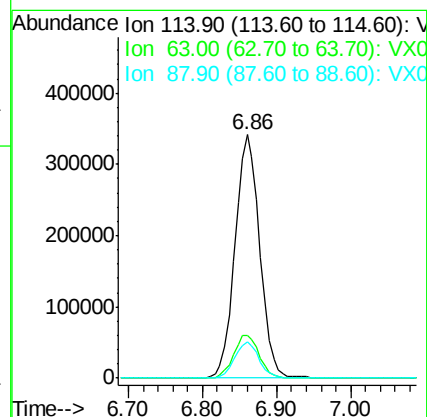
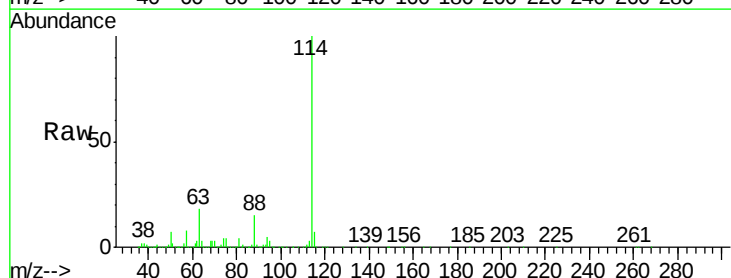
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

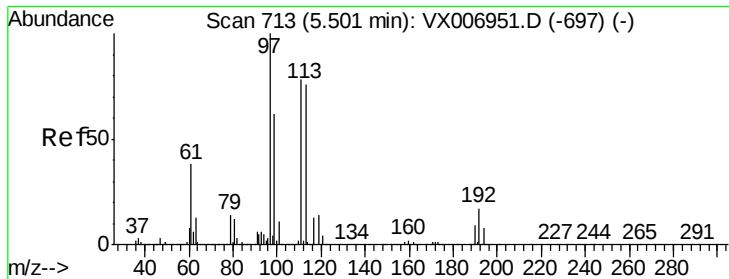
Tot Ion: 65 Resp: 282646
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Tgt Ion: 114 Resp: 792148
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.8
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.157 ug/l

RT: 5.51 min Scan# 714

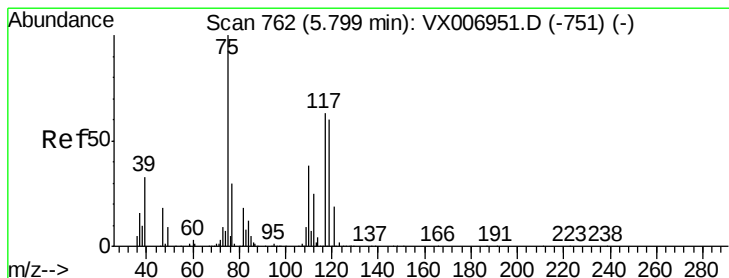
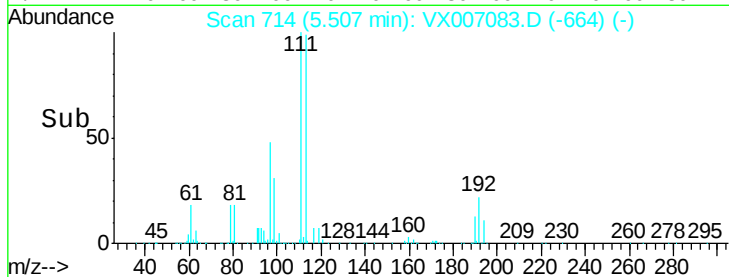
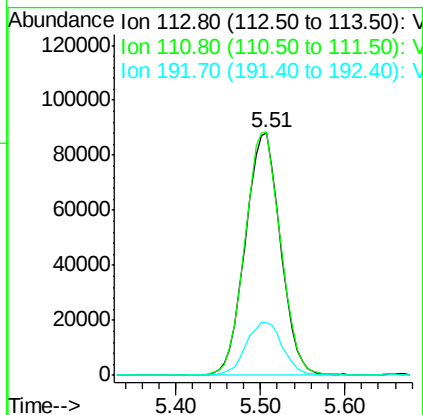
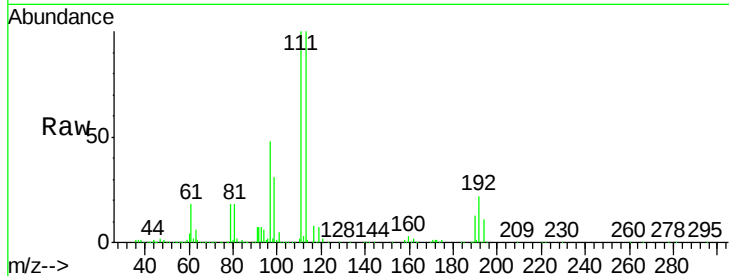
Delta R.T. 0.01 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion:113	Resp:	249367
Ion Ratio	Lower	Upper
113	100	
111	101.6	81.6 122.4
192	22.9	16.7 25.1



#36

1,1-Dichloropropene

Concen: 18.720 ug/l

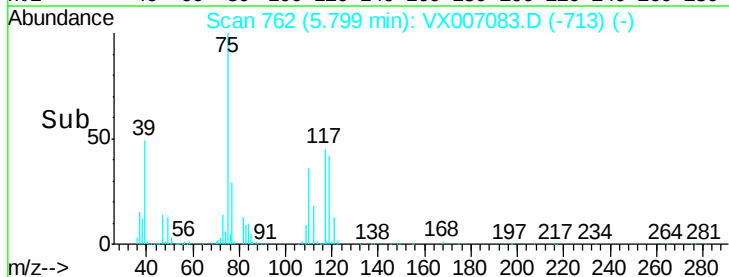
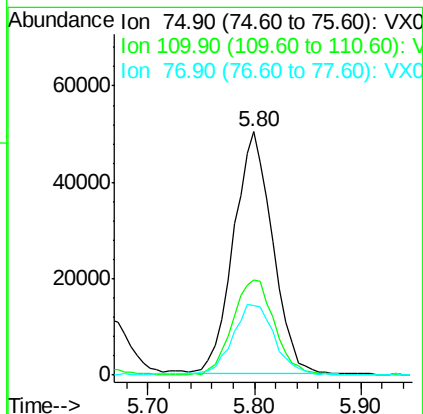
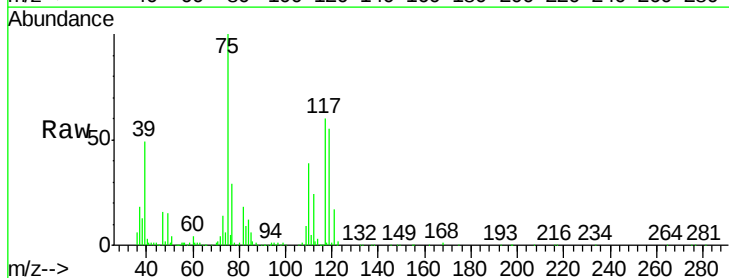
RT: 5.80 min Scan# 762

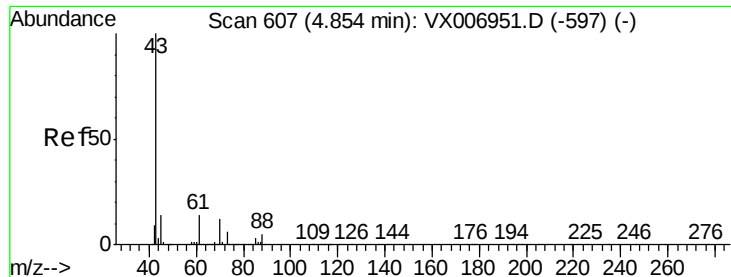
Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Tgt Ion: 75	Resp:	128927
Ion Ratio	Lower	Upper
75	100	
110	42.6	20.2 60.5
77	31.4	24.8 37.2

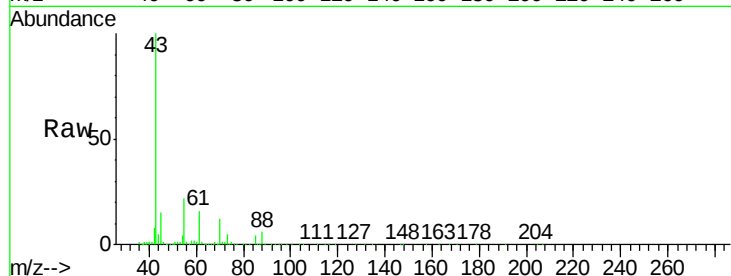




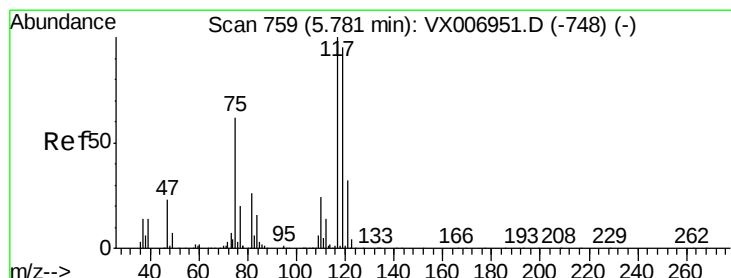
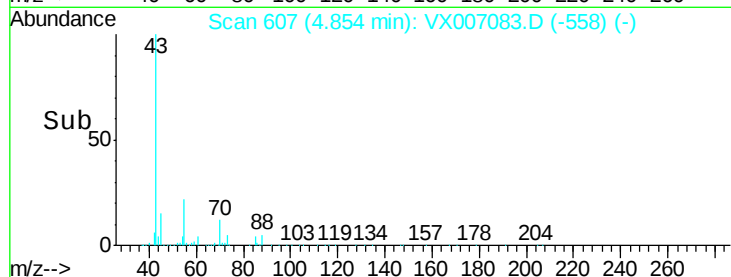
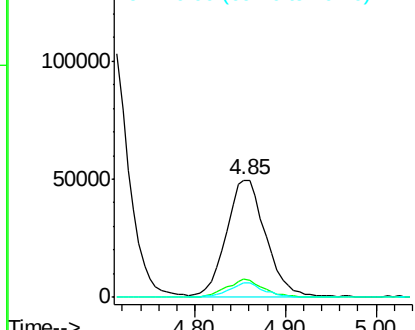
#37
Ethyl Acetate
Concen: 20.124 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0117WBS01

Tot Ion: 43 Resp: 148584
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.3 9.7 14.5

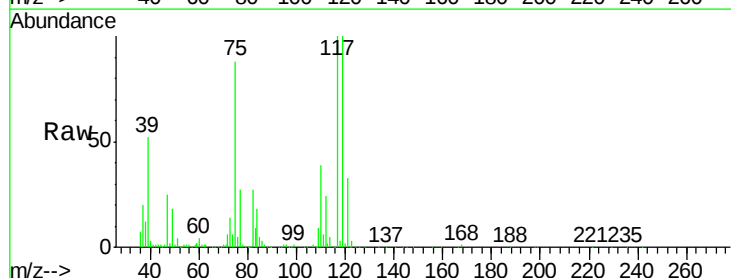


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

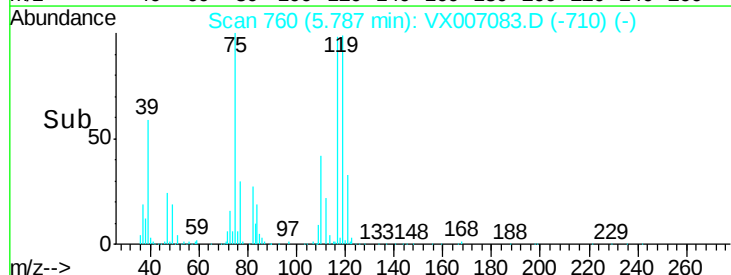
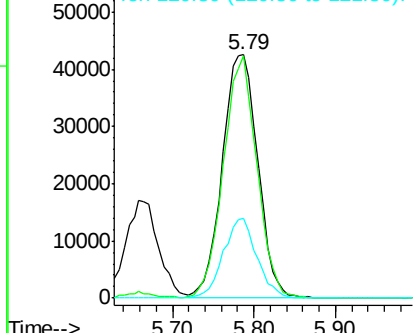


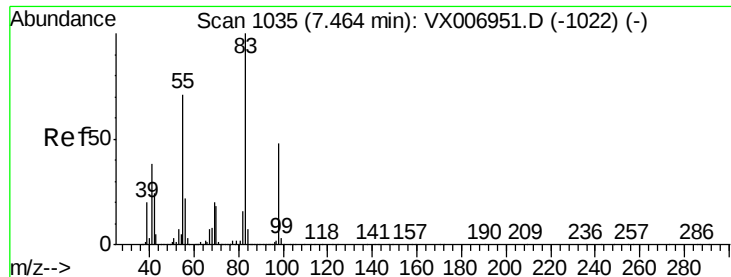
#38
Carbon Tetrachloride
Concen: 18.514 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 117 Resp: 128288
Ion Ratio Lower Upper
117 100
119 99.5 79.4 119.2
121 32.6 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

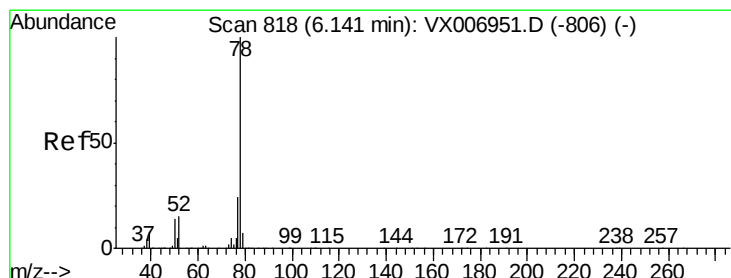
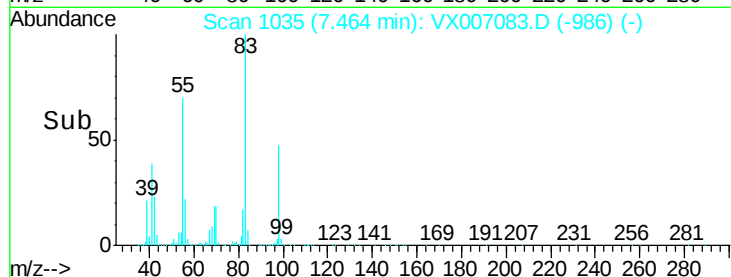
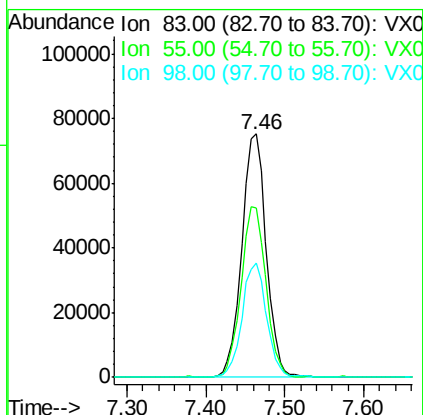
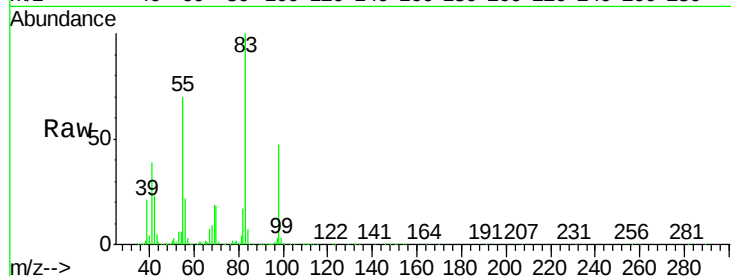




#39
Methvlcvclohexane
Concen: 18.460 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

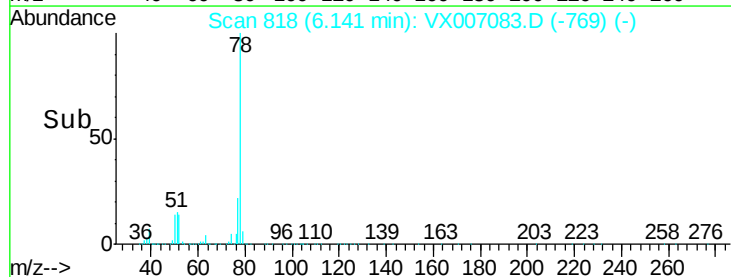
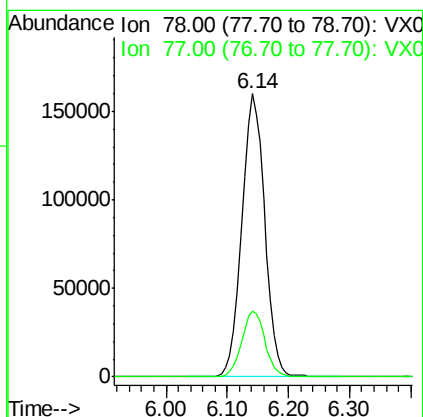
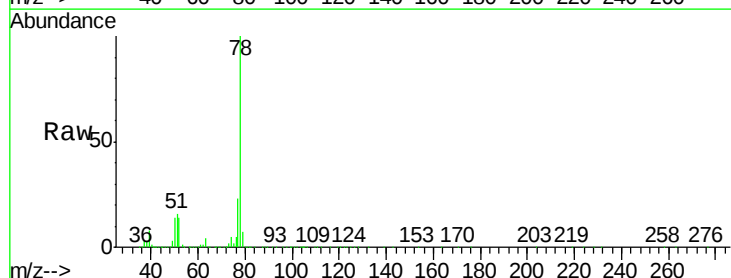
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

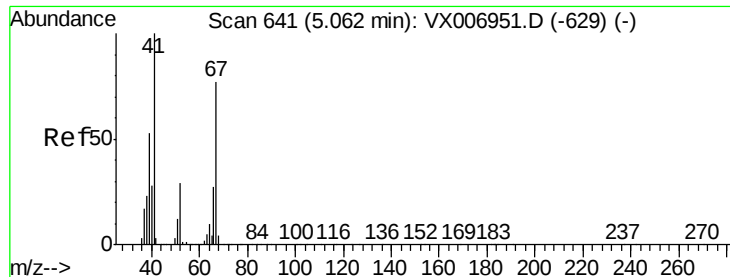
Tot Ion: 83 Resp: 162078
Ion Ratio Lower Upper
83 100
55 69.4 54.9 82.3
98 46.9 37.9 56.9



#40
Benzene
Concen: 19.739 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 78 Resp: 414799
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8





#41

Methacrylonitrile

Concen: 19.071 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 41 Resp: 81117

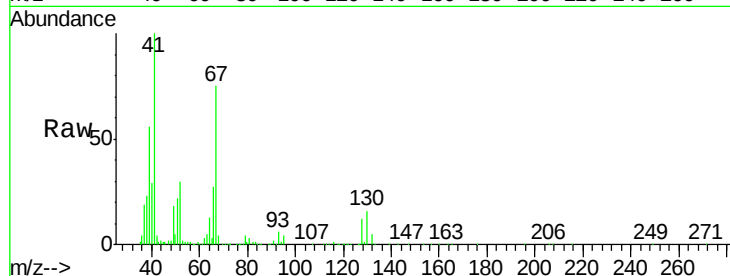
Ion Ratio Lower Upper

41 100

39 55.9 42.8 64.2

67 77.3 62.1 93.1

52 32.0 23.4 35.0

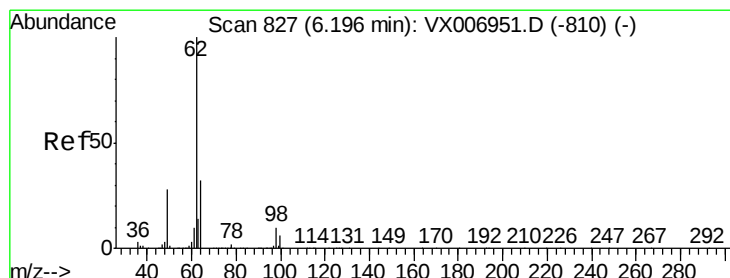
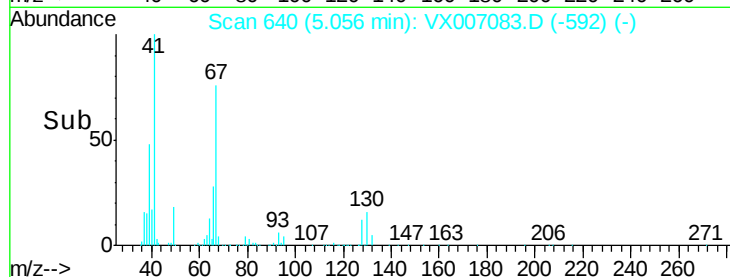
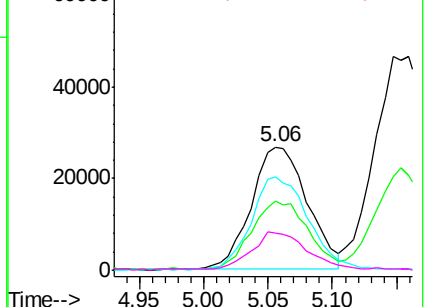


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.376 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007083.D

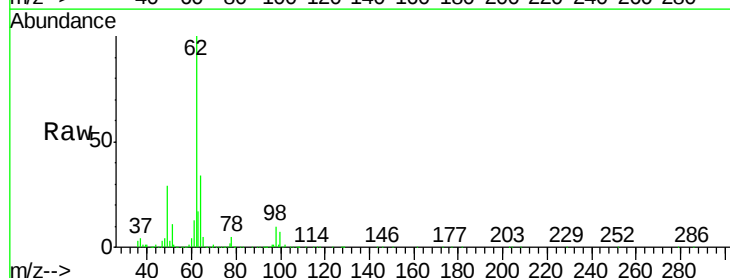
Acq: 17 Jan 2019 12:43

Tgt Ion: 62 Resp: 140706

Ion Ratio Lower Upper

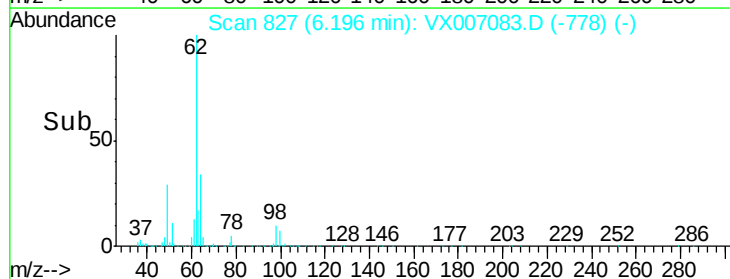
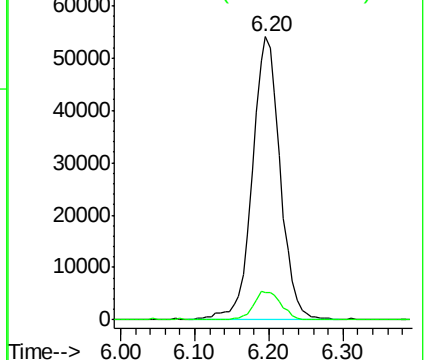
62 100

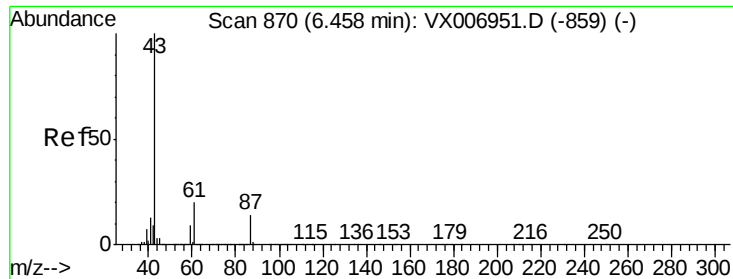
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



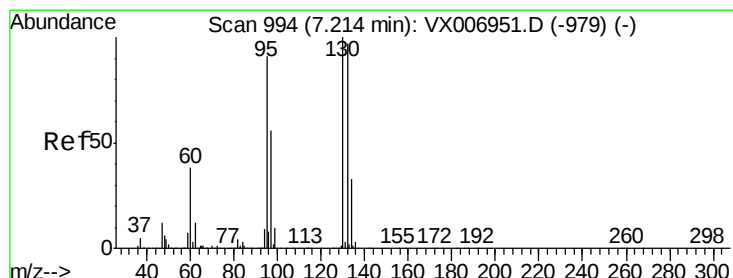
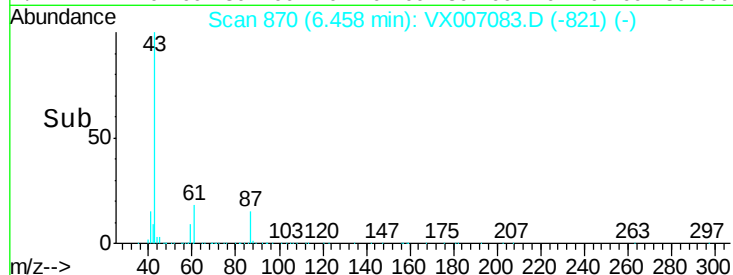
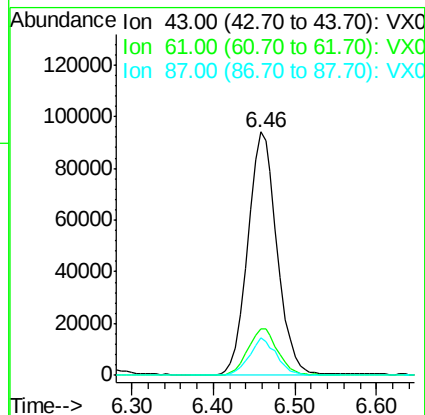
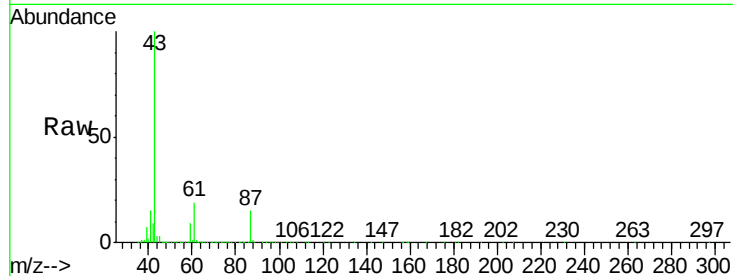


#43

Isopropyl Acetate
 Concen: 20.039 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

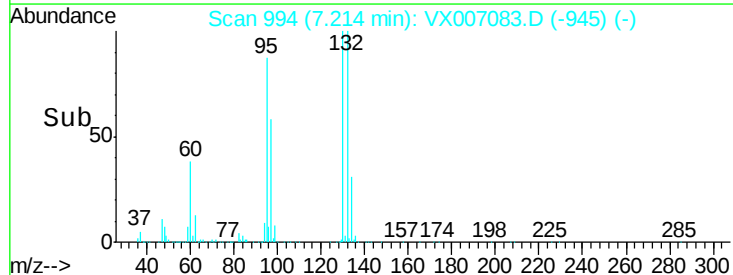
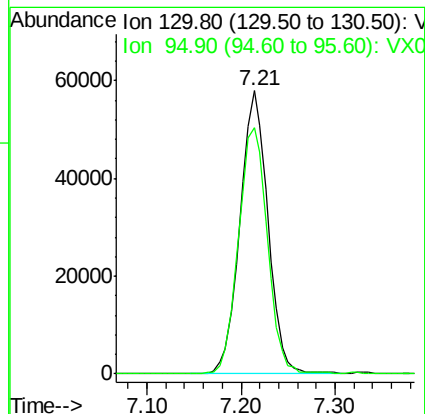
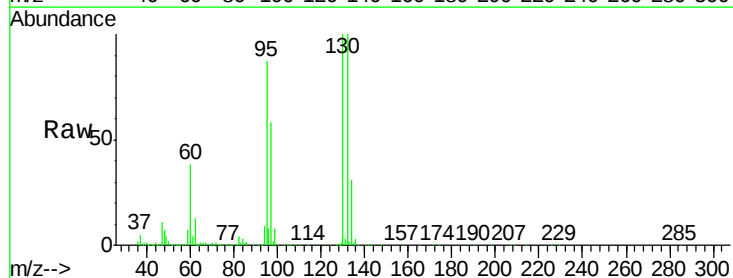
Tot Ion: 43 Resp: 233387
 Ion Ratio Lower Upper
 43 100
 61 19.8 16.8 25.2
 87 14.7 12.4 18.6

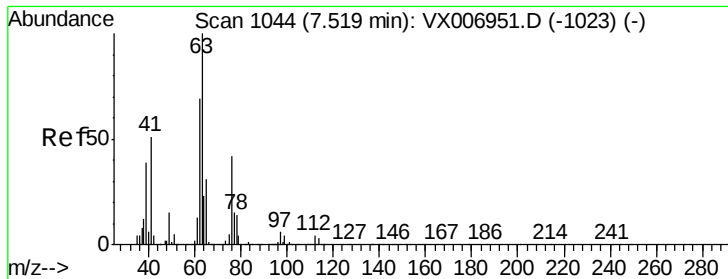


#44

Trichloroethene
 Concen: 19.083 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Tgt Ion: 130 Resp: 120171
 Ion Ratio Lower Upper
 130 100
 95 86.9 0.0 187.0





#45

1,2-Dichloropropane

Concen: 19.241 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

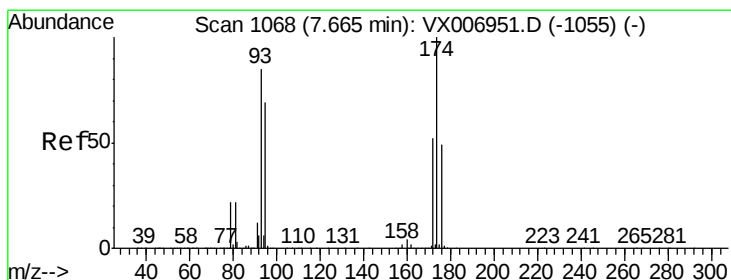
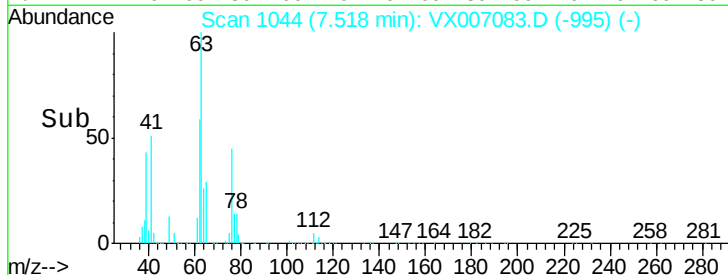
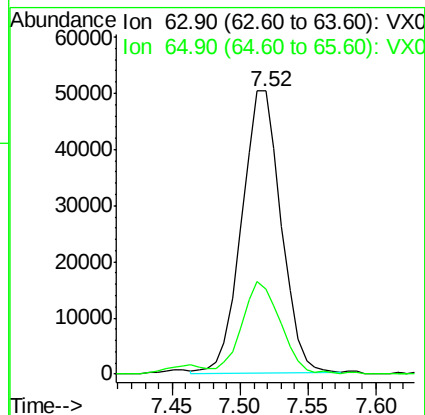
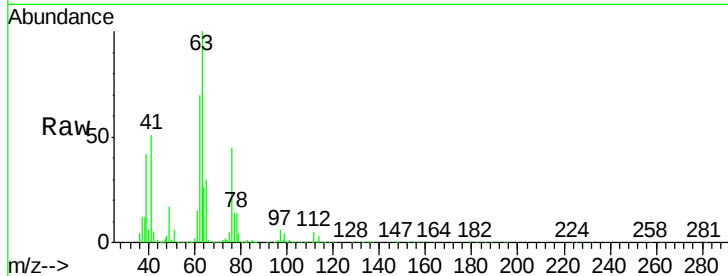
VX0117WBS01

Tot Ion: 63 Resp: 101655

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.0



#46

Dibromomethane

Concen: 19.310 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

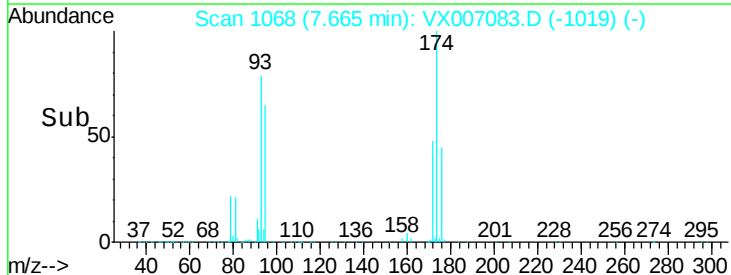
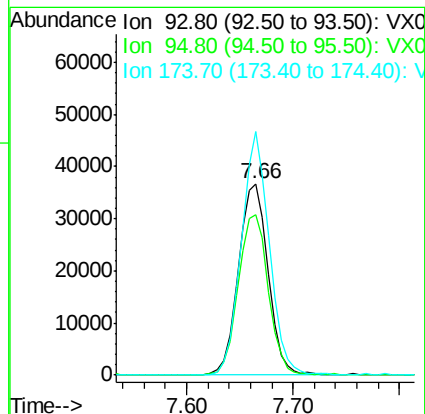
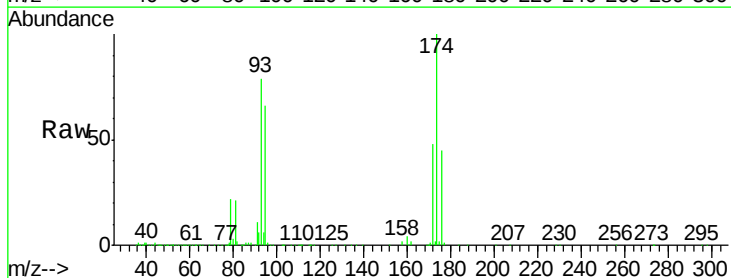
Tgt Ion: 93 Resp: 71697

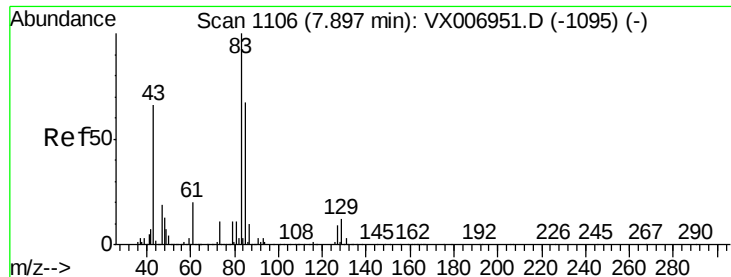
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

174 120.6 91.0 136.4





#47

Bromodichloromethane

Concen: 18.784 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

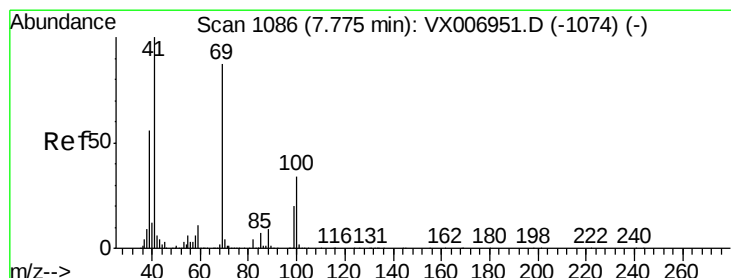
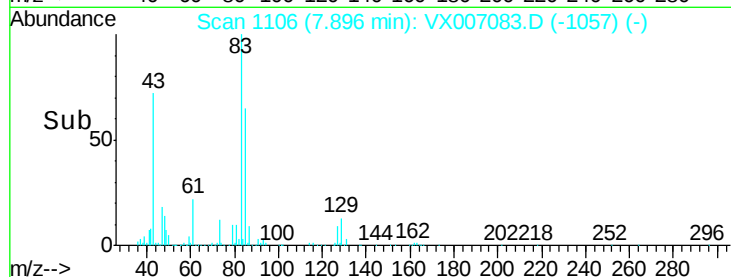
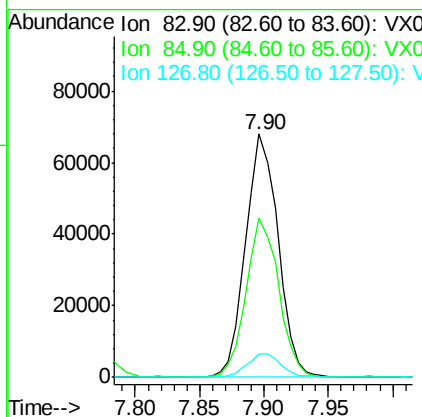
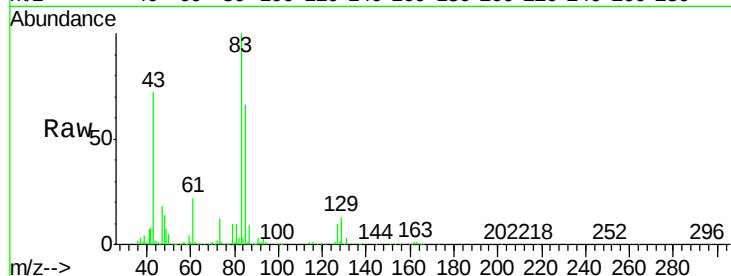
Tot Ion: 83 Resp: 118717

Ion Ratio Lower Upper

83 100

85 65.4 53.2 79.8

127 9.6 7.8 11.6



#48

Methyl methacrylate

Concen: 20.217 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

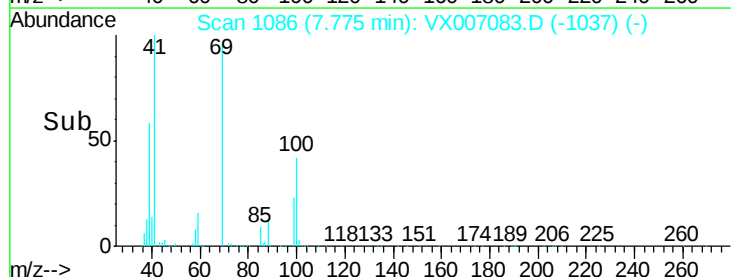
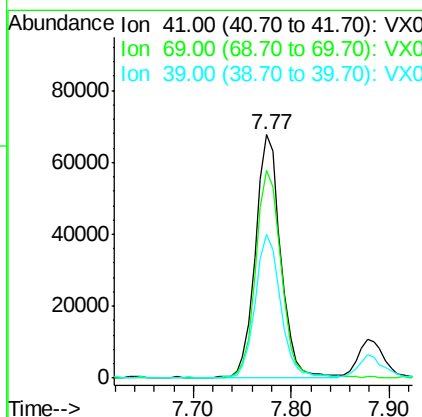
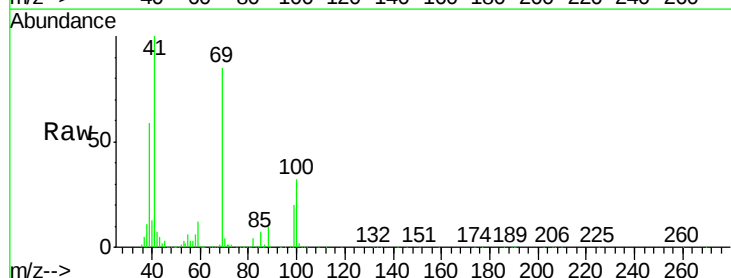
Tgt Ion: 41 Resp: 120920

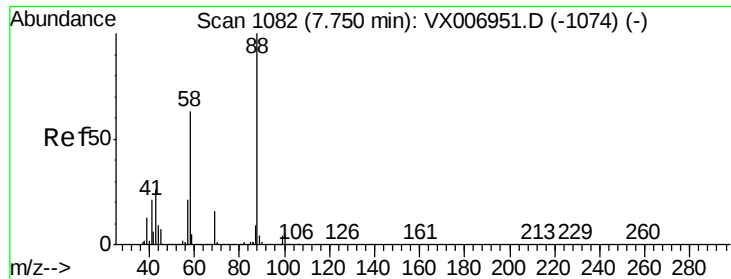
Ion Ratio Lower Upper

41 100

69 85.5 72.4 108.6

39 59.1 45.8 68.8

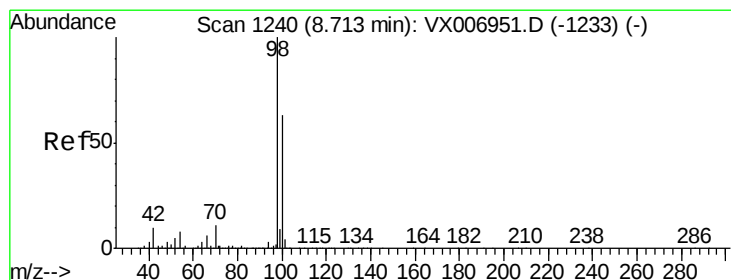
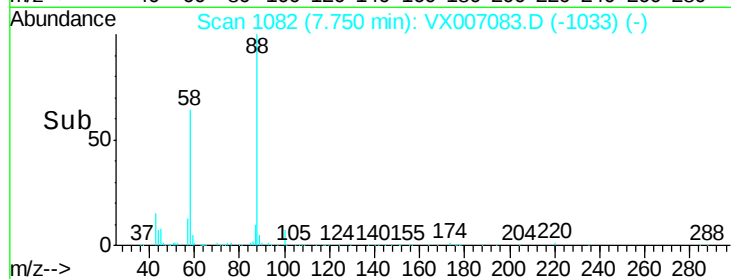
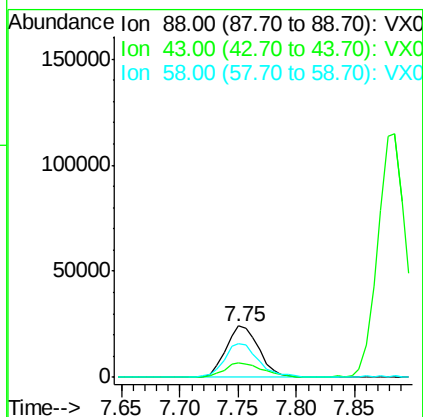
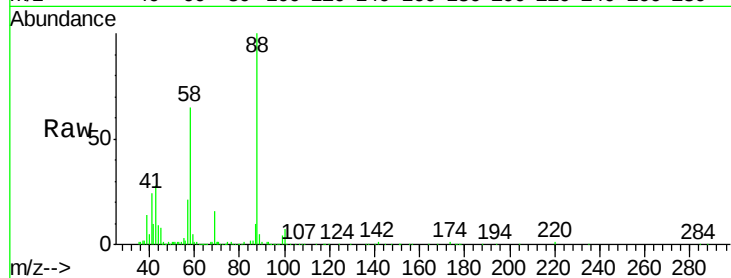




#49
1,4-Dioxane
Concen: 344.490 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

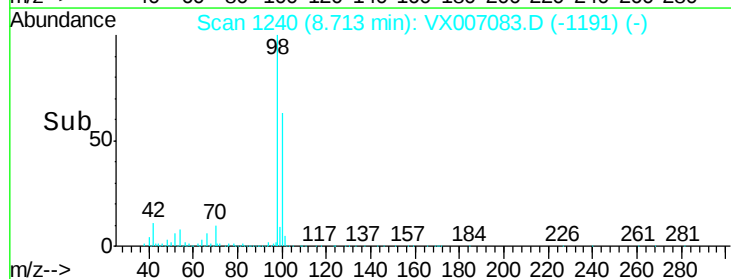
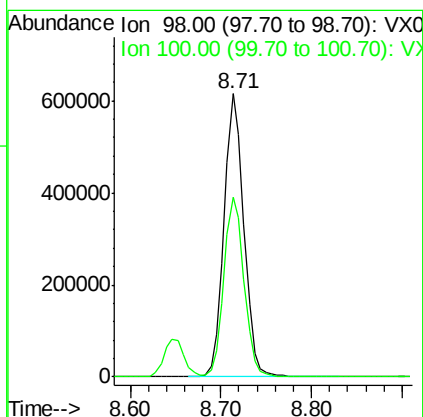
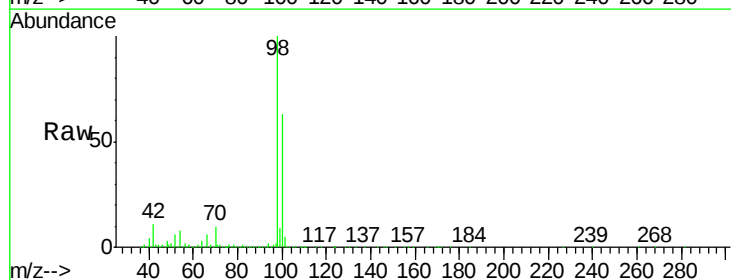
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

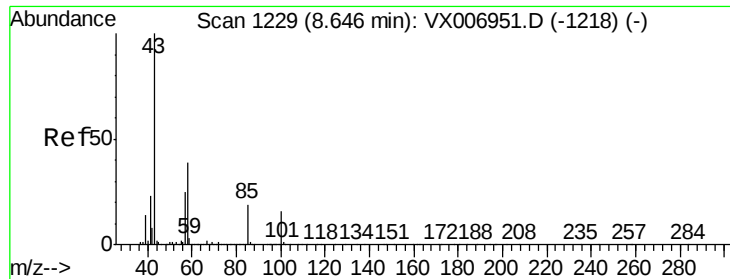
Tot Ion: 88 Resp: 47821
Ion Ratio Lower Upper
88 100
43 31.4 22.2 33.4
58 67.8 51.0 76.4



#50
Toluene-d8
Concen: 50.500 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 98 Resp: 937704
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 103.878 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

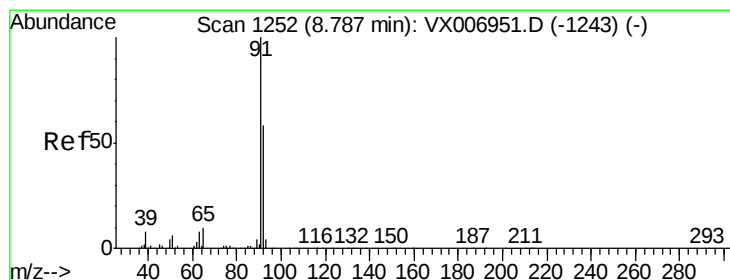
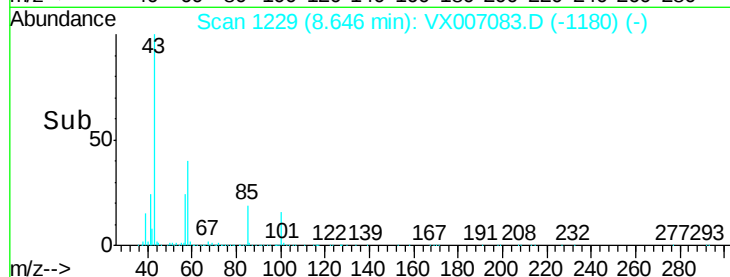
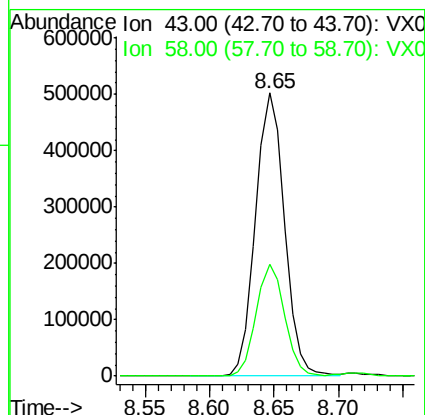
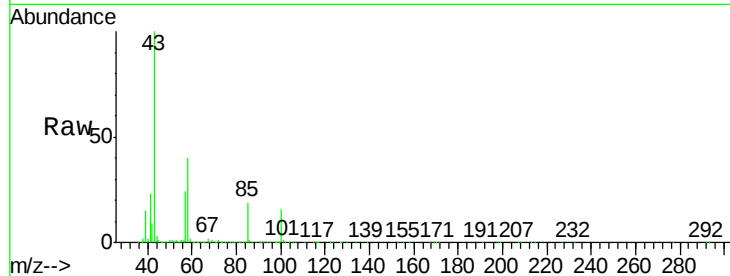
VX0117WBS01

Tot Ion: 43 Resp: 777504

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



#52

Toluene

Concen: 19.789 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007083.D

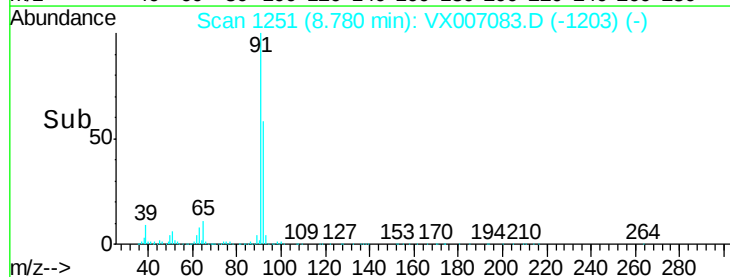
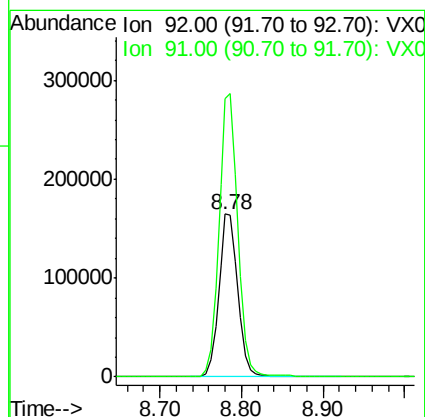
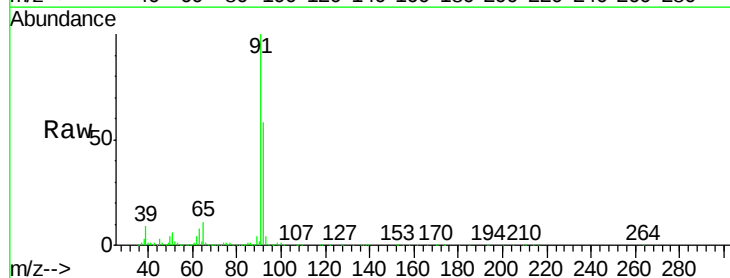
Acq: 17 Jan 2019 12:43

Tgt Ion: 92 Resp: 267279

Ion Ratio Lower Upper

92 100

91 171.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.494 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

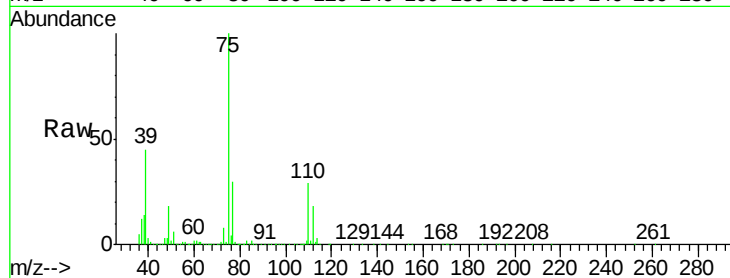
VX0117WBS01

Tot Ion: 75 Resp: 129606

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

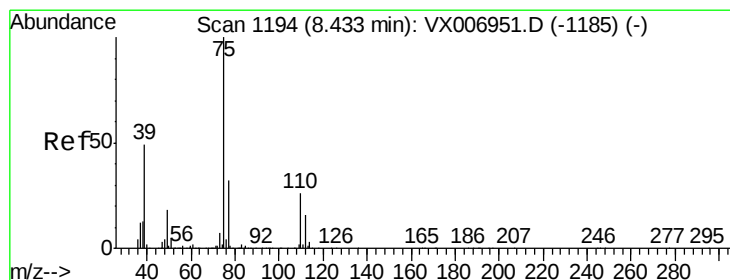
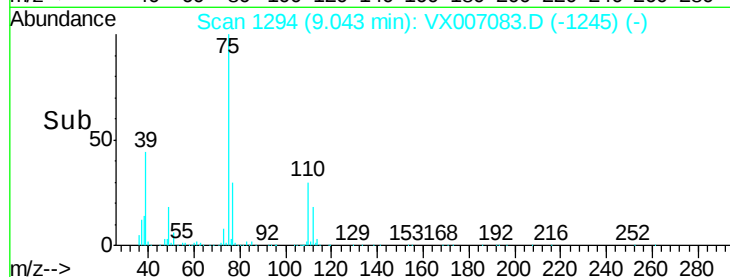
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 18.699 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

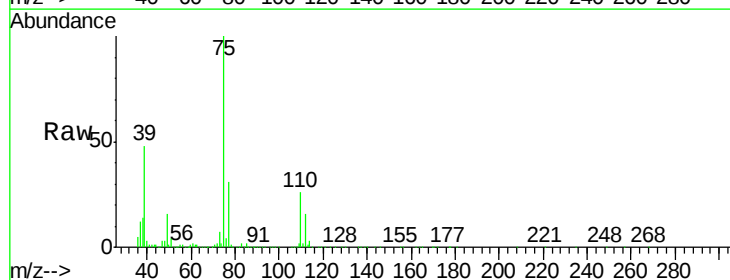
Tgt Ion: 75 Resp: 144722

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

39 47.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

120000

100000

80000

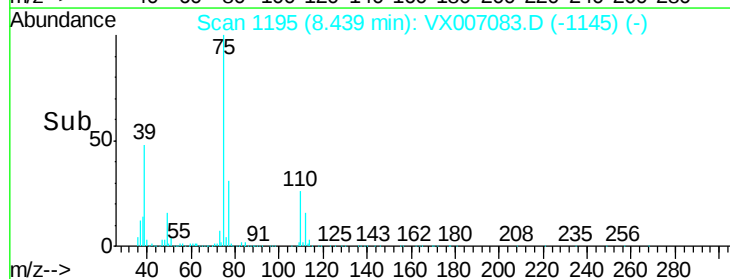
60000

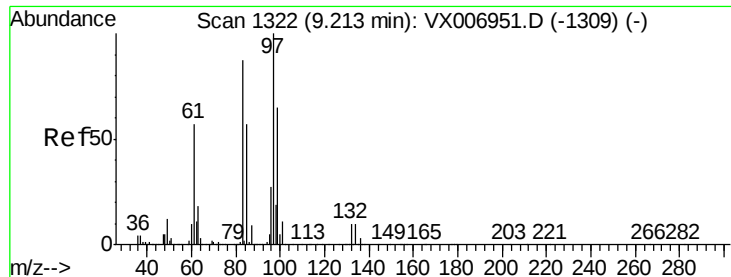
40000

20000

0

Time--> 8.35 8.40 8.45 8.50 8.55





#55

1,1,2-Trichloroethane

Concen: 21.102 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 97 Resp: 114081

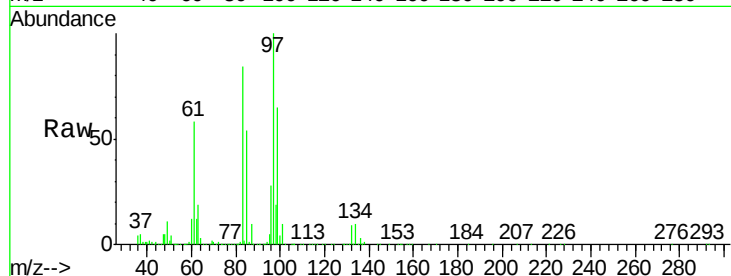
Ion Ratio Lower Upper

97 100

83 84.2 66.6 99.8

85 53.7 42.7 64.1

99 65.4 50.8 76.2

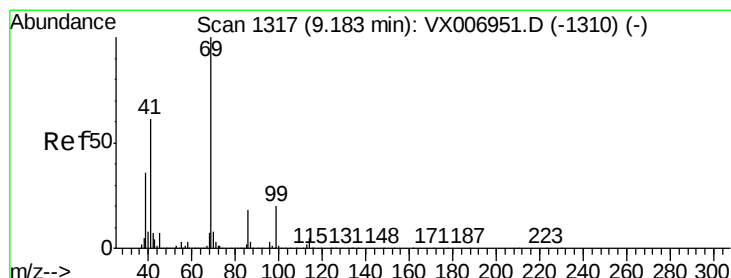
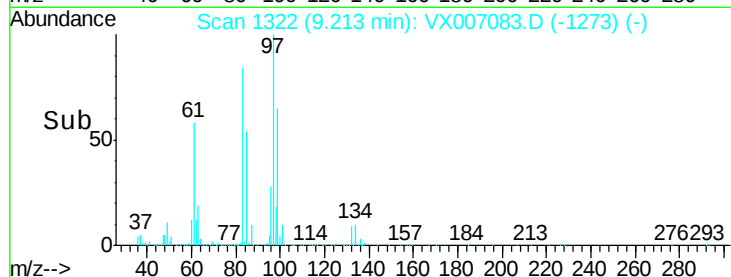
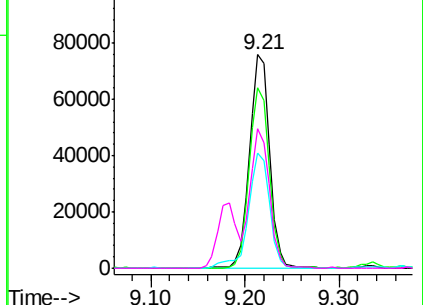


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.166 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

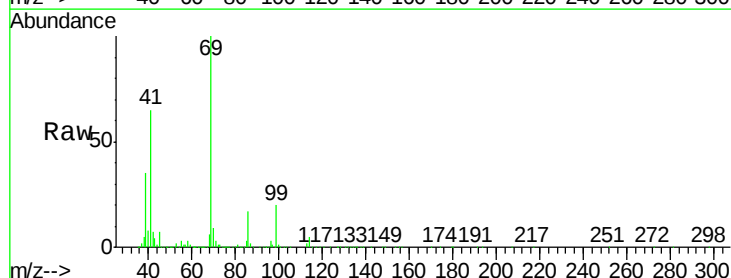
Tgt Ion: 69 Resp: 159159

Ion Ratio Lower Upper

69 100

41 65.3 48.7 73.1

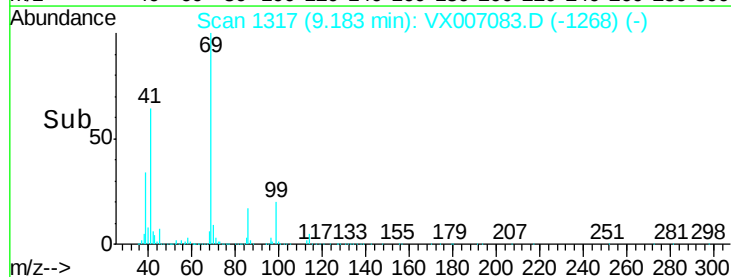
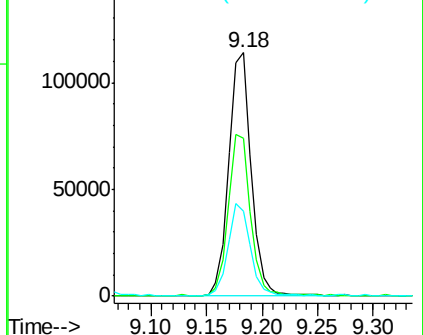
39 37.1 27.0 40.6

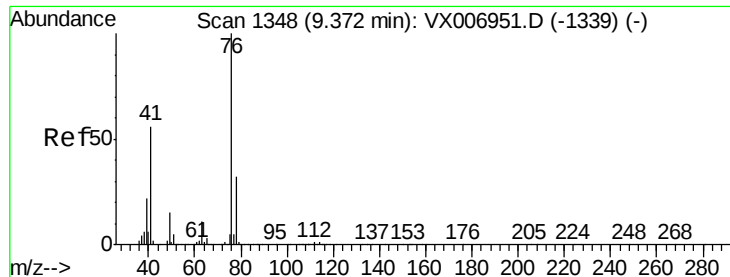


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

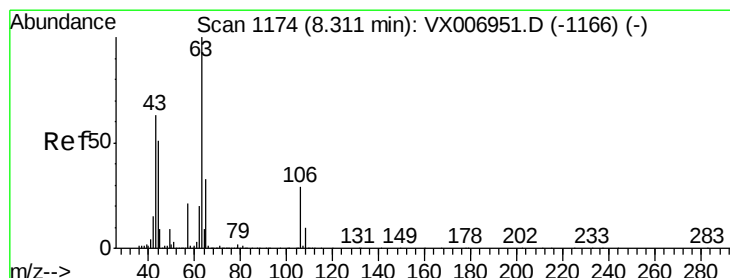
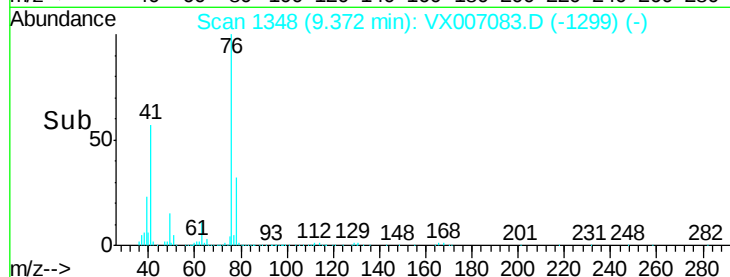
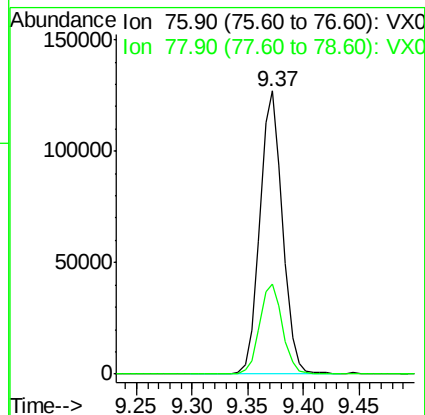
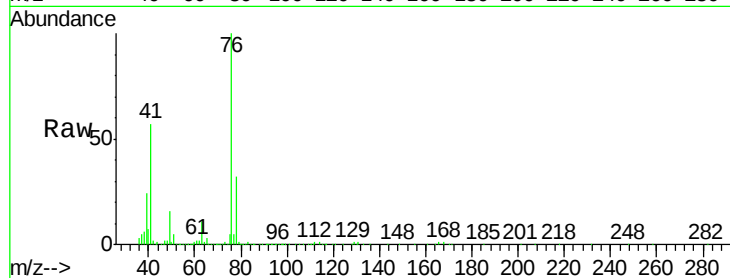
VX0117WBS01

Tot Ion: 76 Resp: 180263

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 104.456 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007083.D

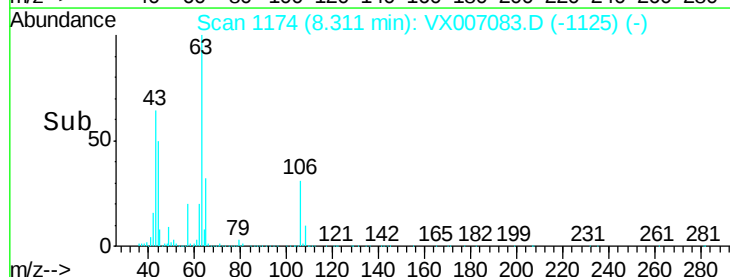
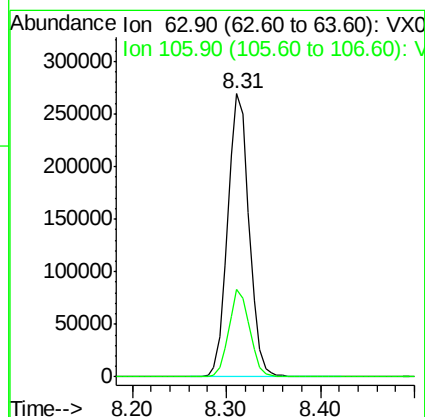
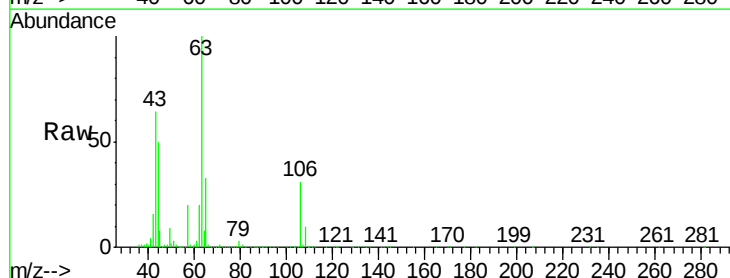
Acq: 17 Jan 2019 12:43

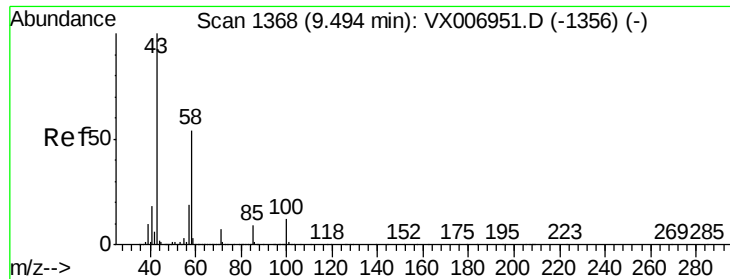
Tgt Ion: 63 Resp: 423879

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8

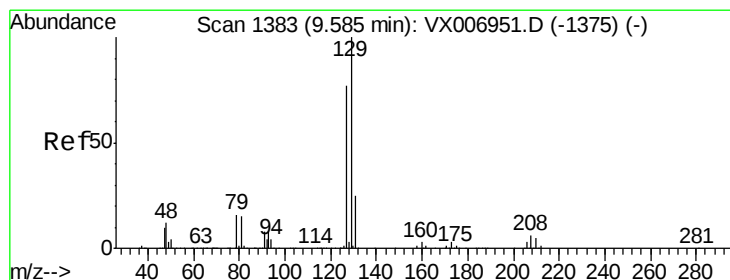
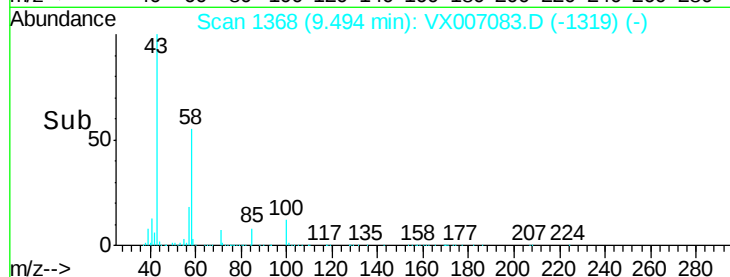
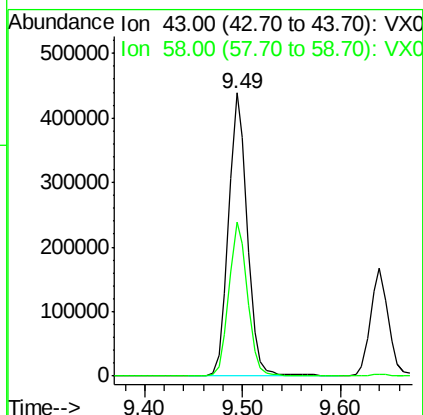
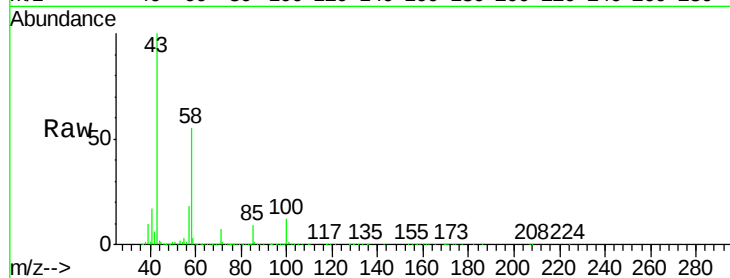




#59
2-Hexanone
Concen: 102.096 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

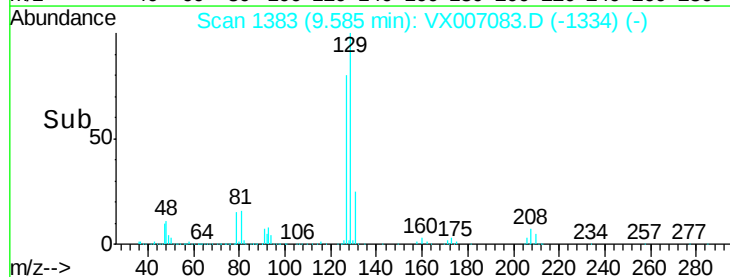
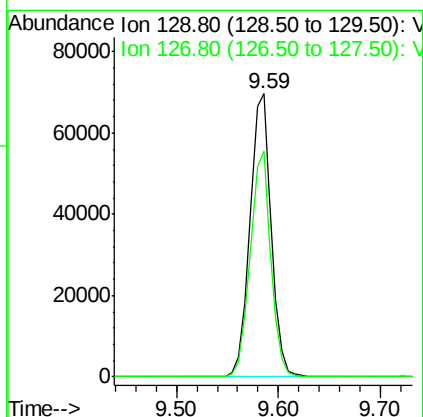
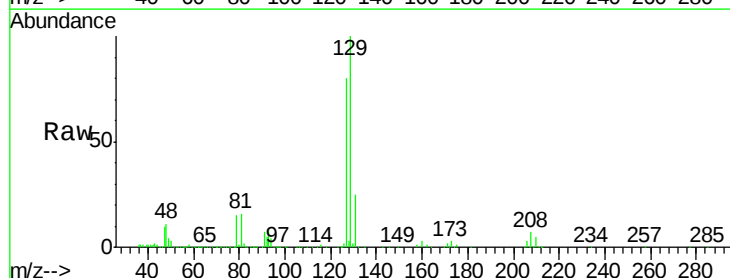
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

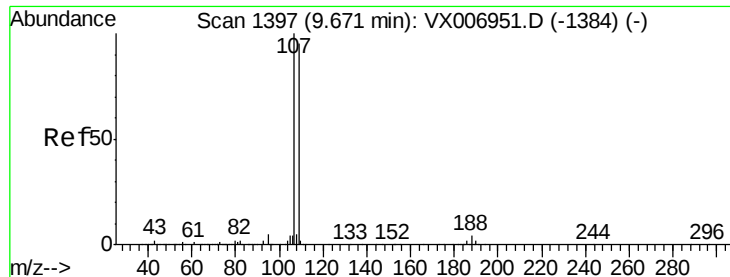
Tot Ion: 43 Resp: 582340
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 19.324 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 129 Resp: 101445
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.526 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

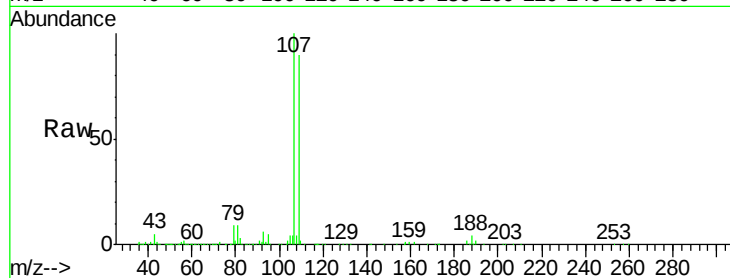
VX0117WBS01

Tot Ion:107 Resp: 122167

Ion Ratio Lower Upper

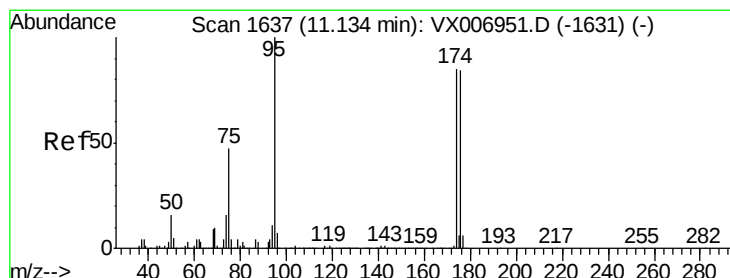
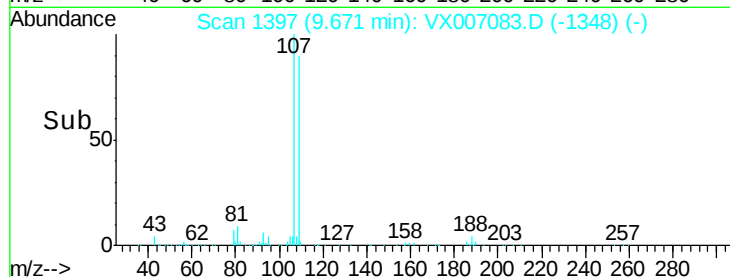
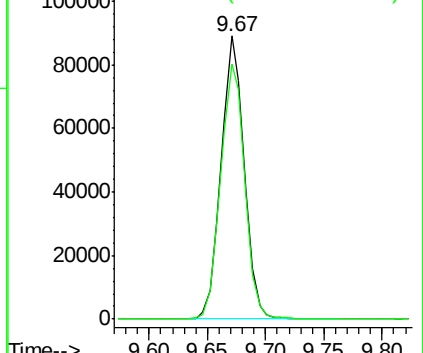
107 100

109 93.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.523 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

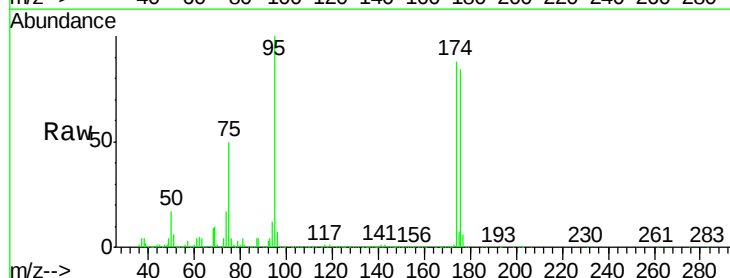
Tgt Ion: 95 Resp: 333524

Ion Ratio Lower Upper

95 100

174 95.6 0.0 182.2

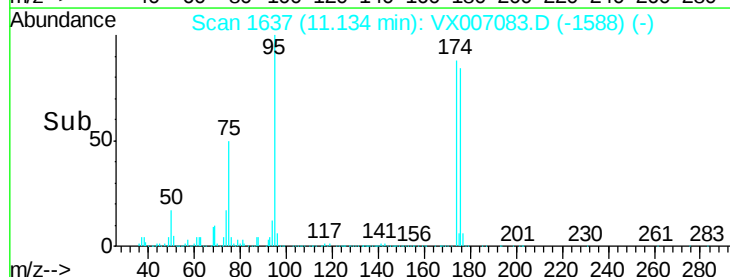
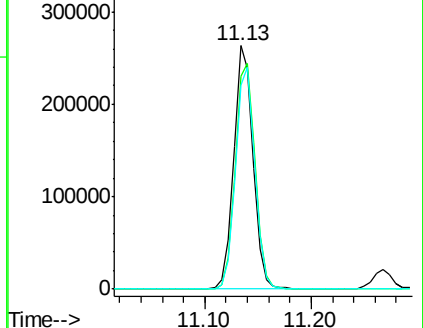
176 92.1 0.0 178.8

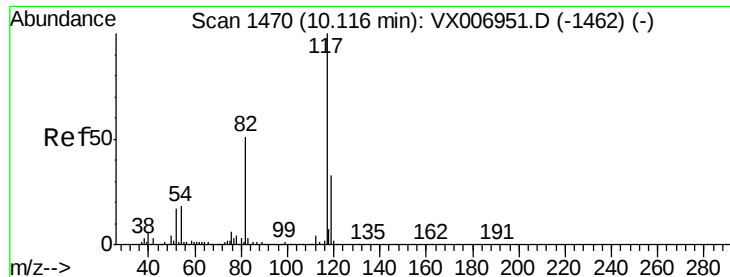


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

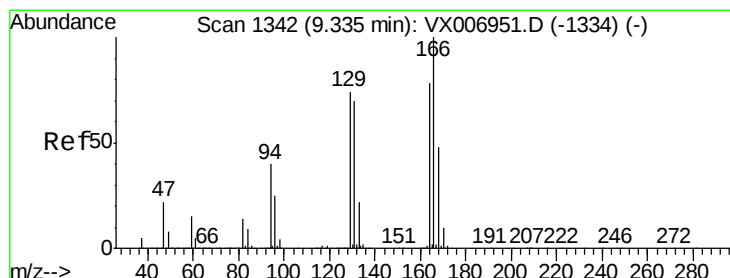
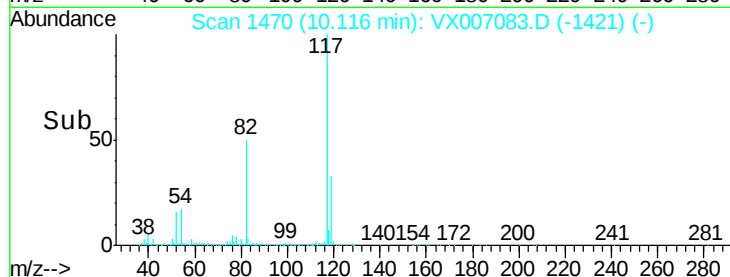
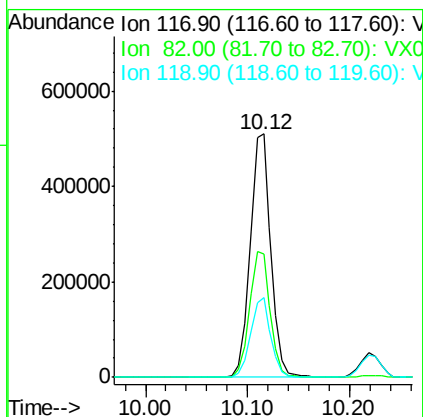
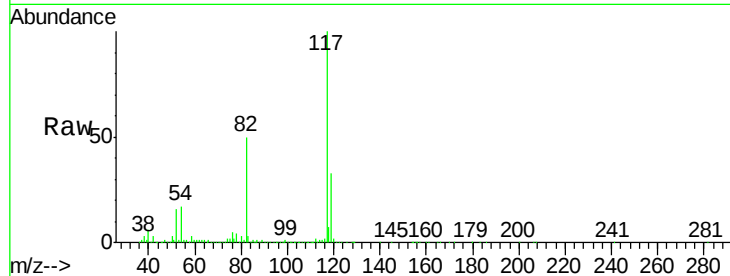




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

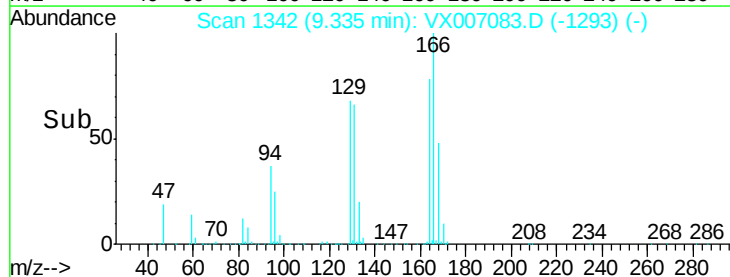
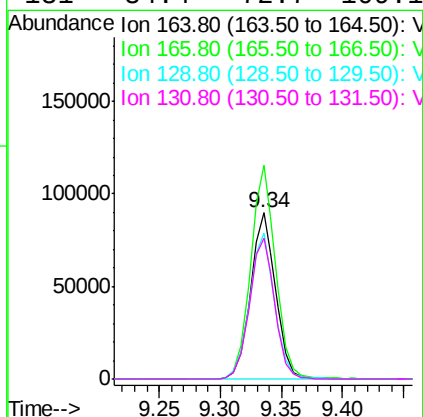
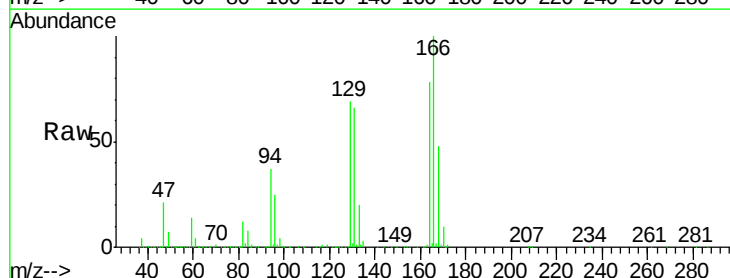
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

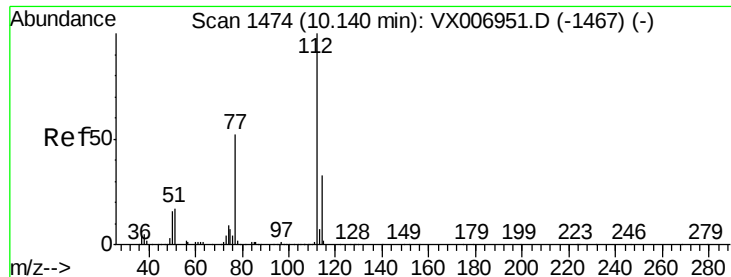
Tot Ion:117 Resp: 720099
Ion Ratio Lower Upper
117 100
82 50.3 41.0 61.6
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 20.496 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion:164 Resp: 127779
Ion Ratio Lower Upper
164 100
166 128.6 102.5 153.7
129 88.2 75.1 112.7
131 84.4 72.7 109.1

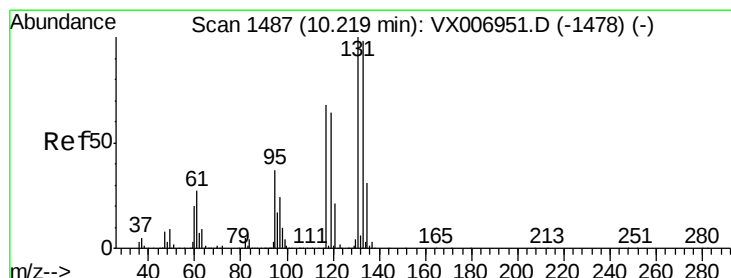
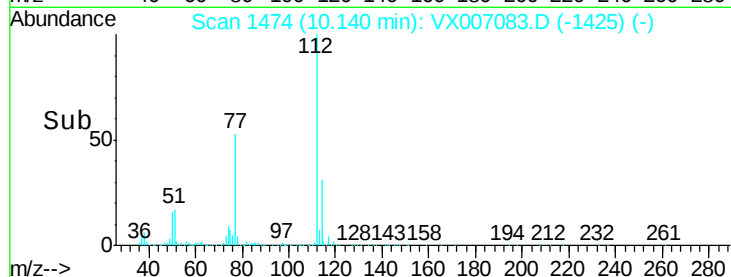
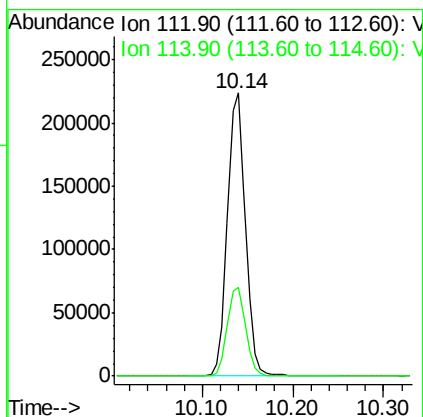
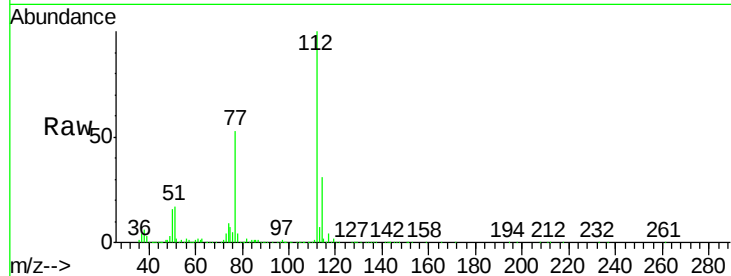




#65
Chlorobenzene
Concen: 19.692 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

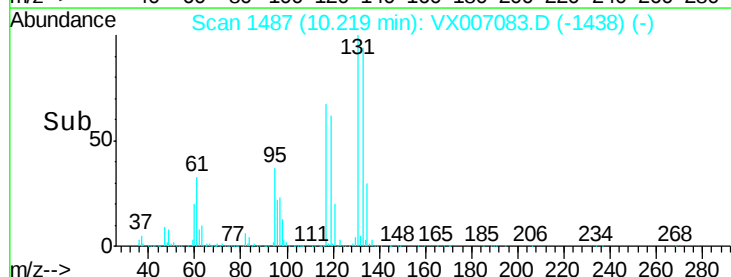
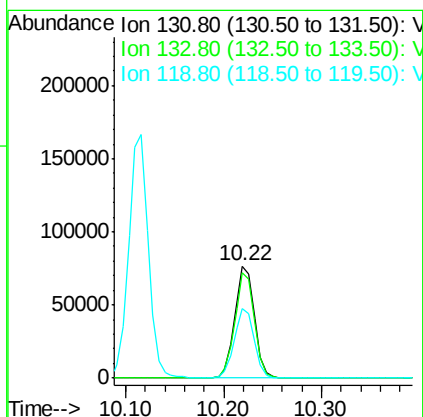
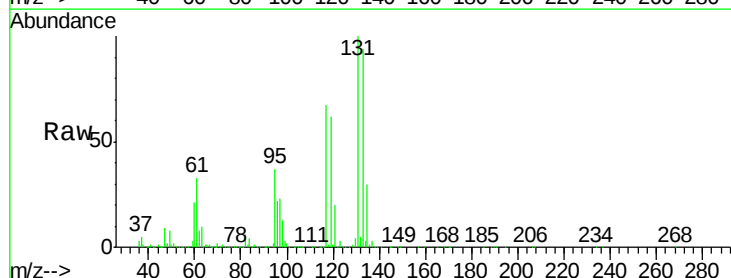
Instrument :
MSVOA_X
ClientSampled :
VX0117WBS01

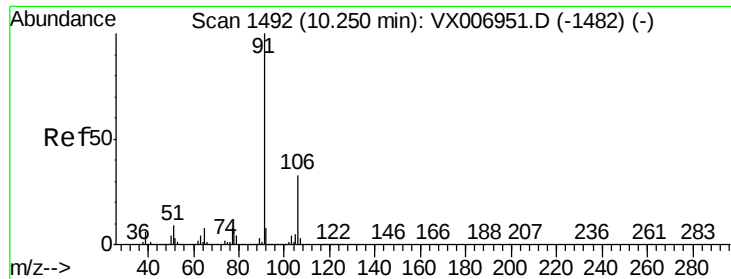
Tot Ion:112 Resp: 309279
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.179 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion:131 Resp: 106614
Ion Ratio Lower Upper
131 100
133 93.3 48.0 144.2
119 62.5 32.6 97.8





#67

Ethyl Benzene

Concen: 19.540 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

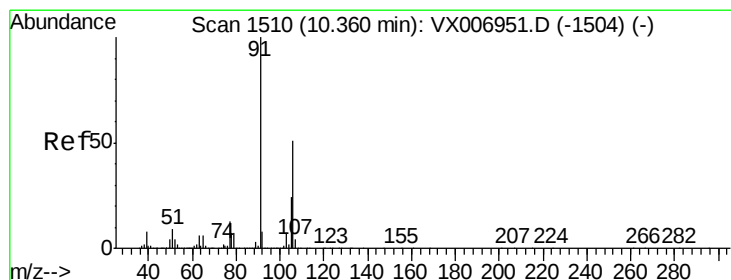
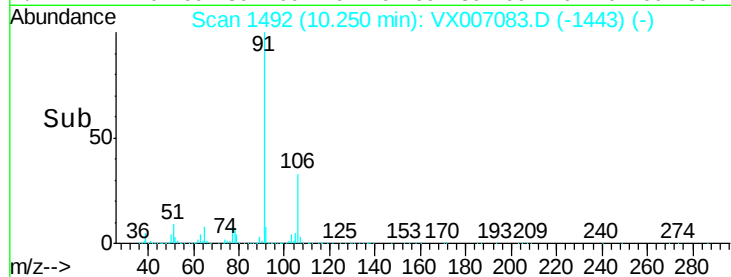
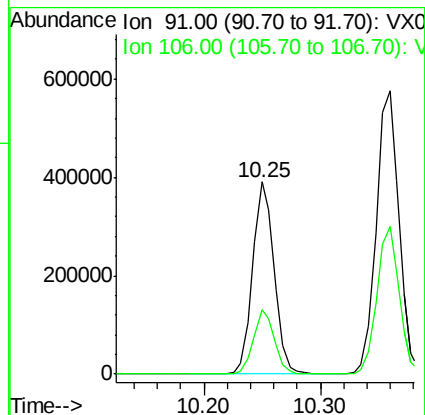
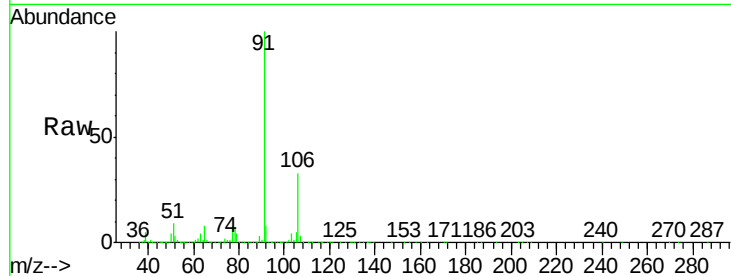
VX0117WBS01

Tot Ion: 91 Resp: 506630

Ion Ratio Lower Upper

91 100

106 33.3 26.4 39.6



#68

m/p-Xylenes

Concen: 39.176 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007083.D

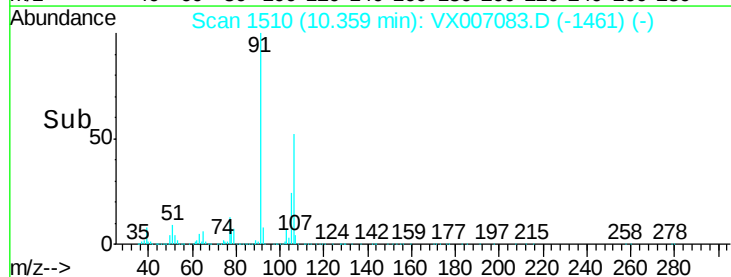
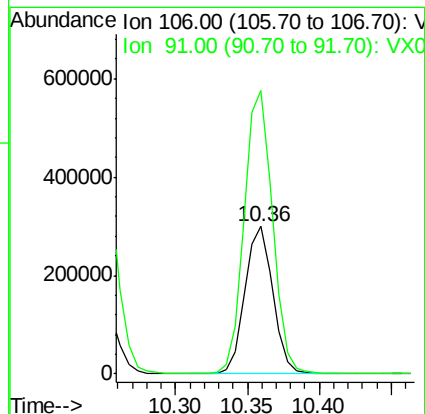
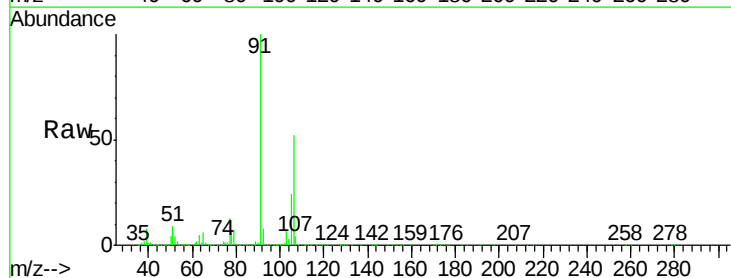
Acq: 17 Jan 2019 12:43

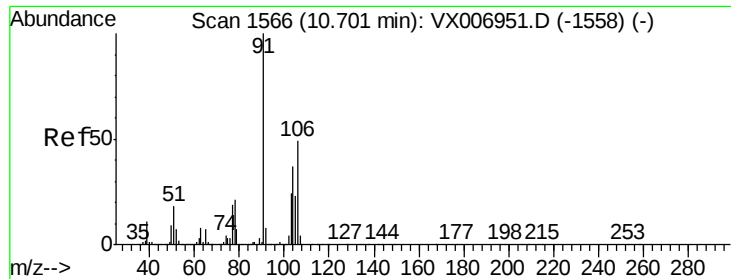
Tgt Ion: 106 Resp: 400200

Ion Ratio Lower Upper

106 100

91 196.0 155.8 233.6

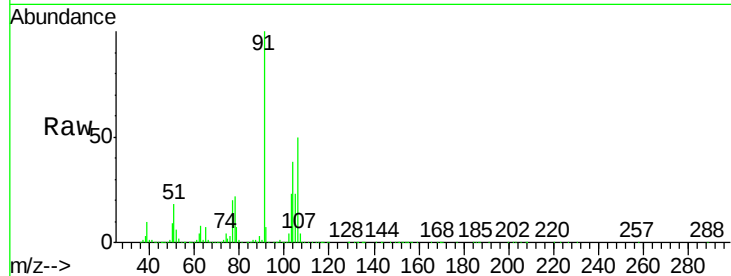




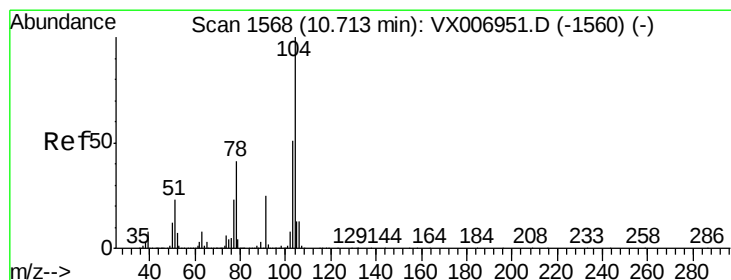
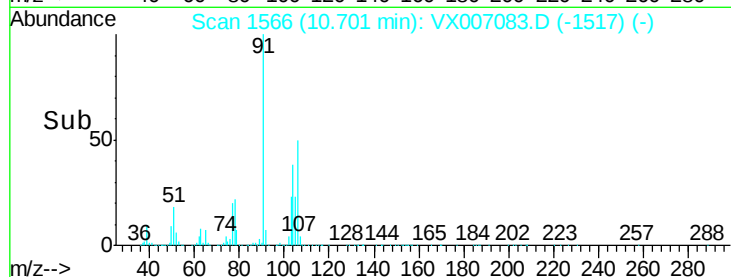
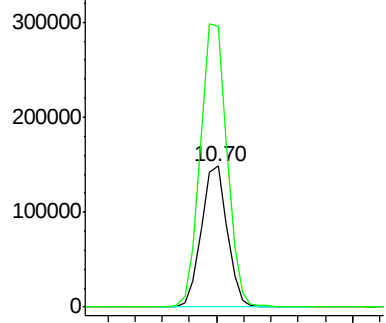
#69
o-Xylene
Concen: 19.819 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion:106 Resp: 197448
Ion Ratio Lower Upper
106 100
91 206.2 101.3 303.7

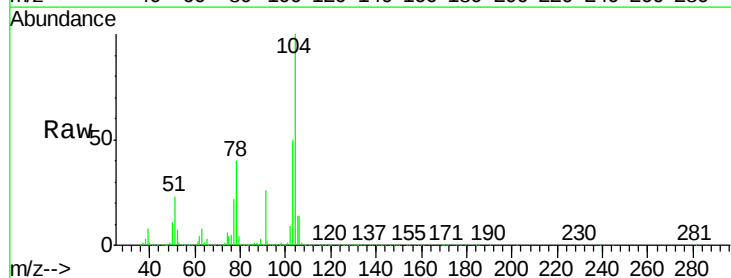


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

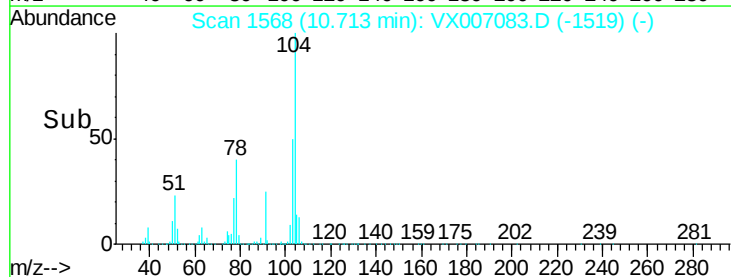
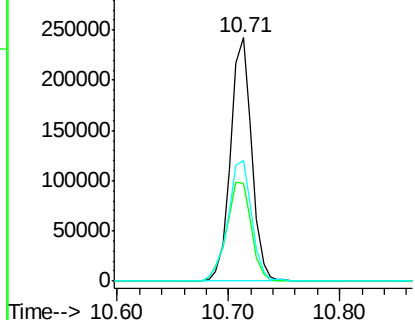


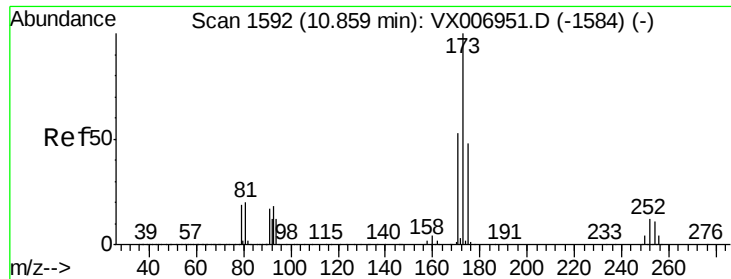
#70
Styrene
Concen: 20.168 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion:104 Resp: 318229
Ion Ratio Lower Upper
104 100
78 46.9 37.7 56.5
103 55.6 43.8 65.8



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

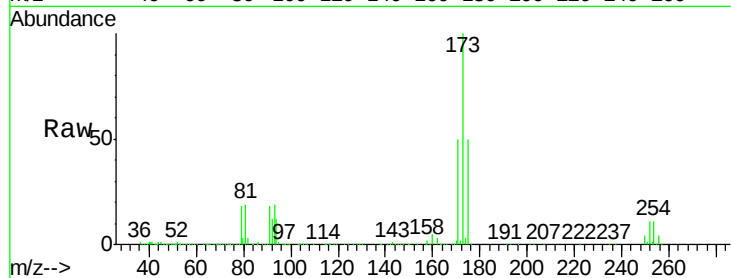




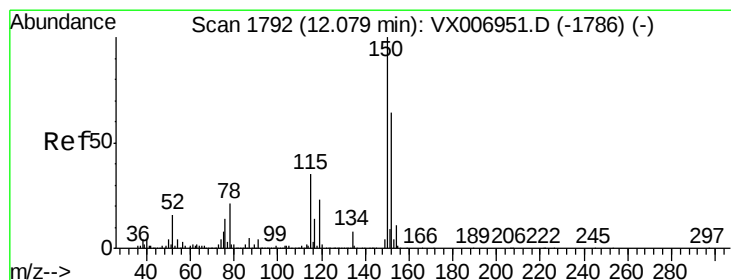
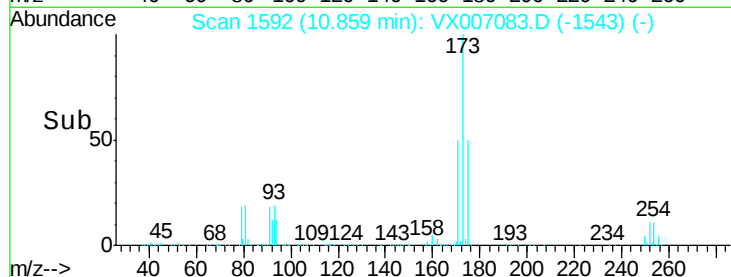
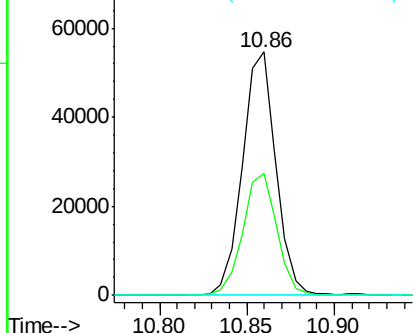
#71
Bromoform
Concen: 18.630 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion:173 Resp: 72580
Ion Ratio Lower Upper
173 100
175 51.0 24.7 74.1
254 0.2 0.2 0.2

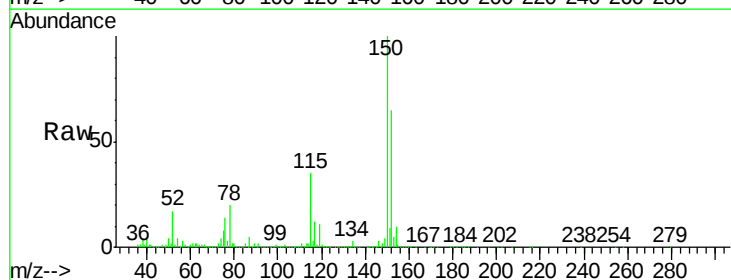


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

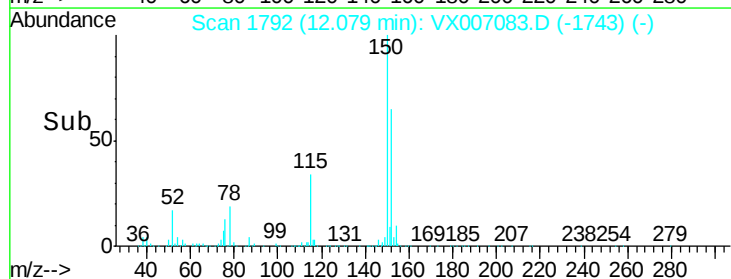
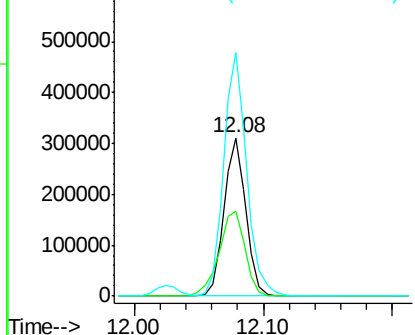


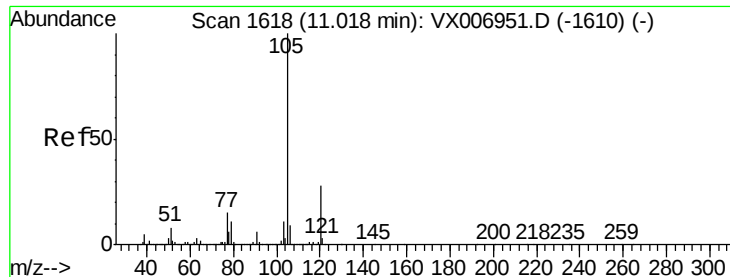
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion:152 Resp: 369634
Ion Ratio Lower Upper
152 100
115 63.9 39.1 117.2
150 161.6 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.388 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

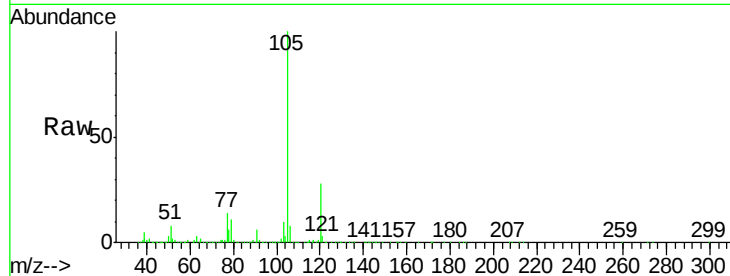
VX0117WBS01

Tot Ion:105 Resp: 531395

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

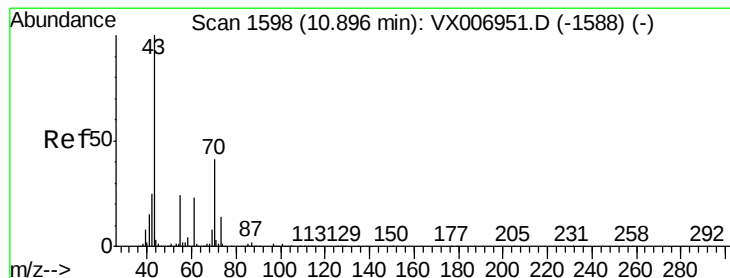
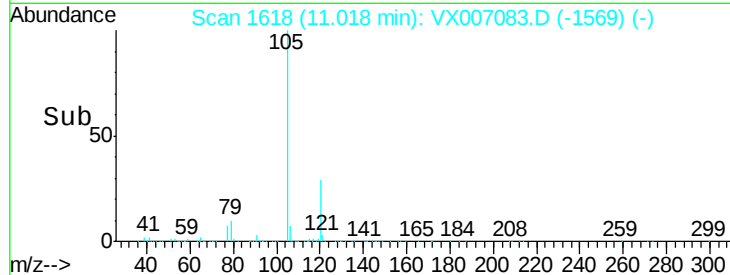
100000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.576 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Tgt Ion: 43 Resp: 205433

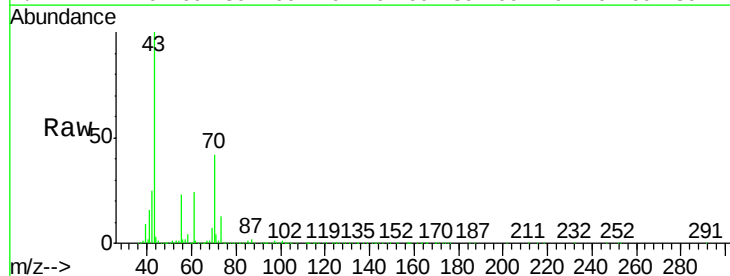
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.5 19.4 29.0

61 24.2 20.1 30.1



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

250000

200000

150000

100000

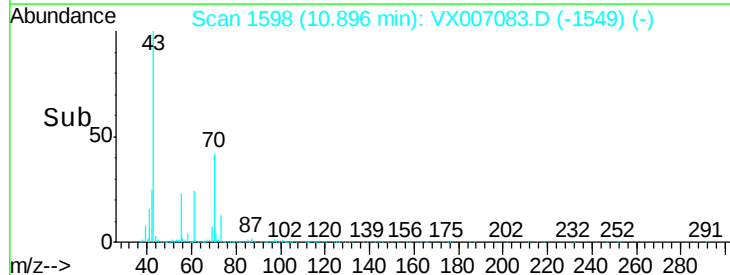
50000

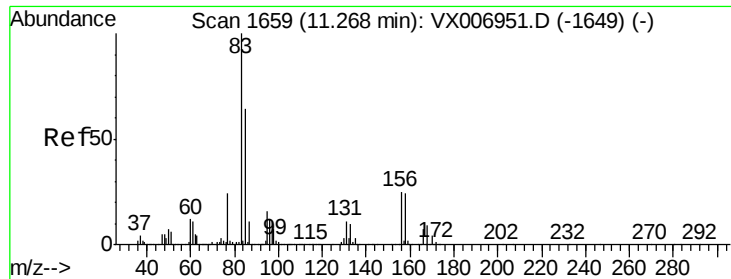
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.570 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

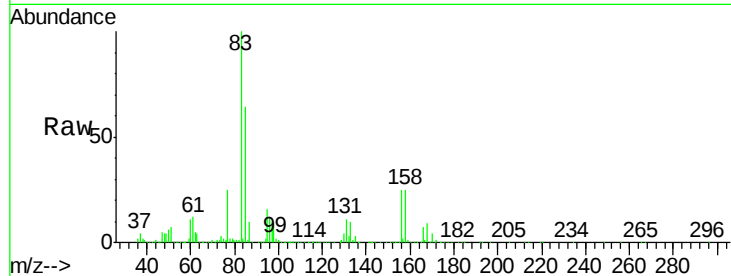
Tot Ion: 83 Resp: 161937

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

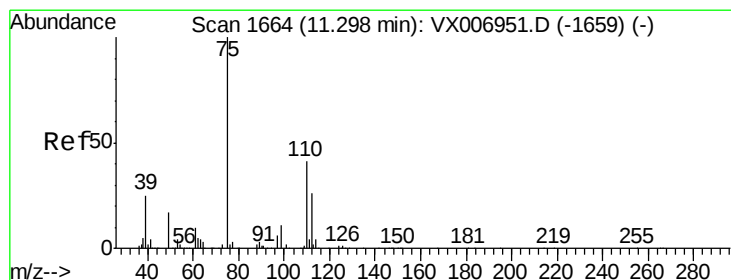
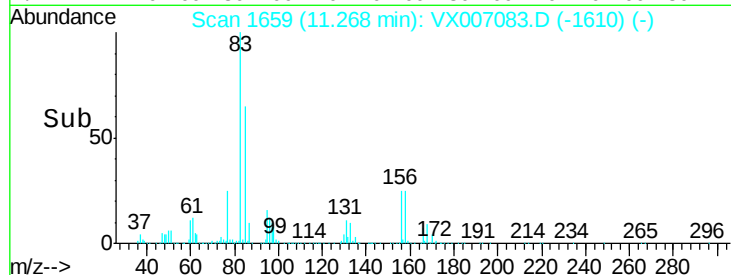
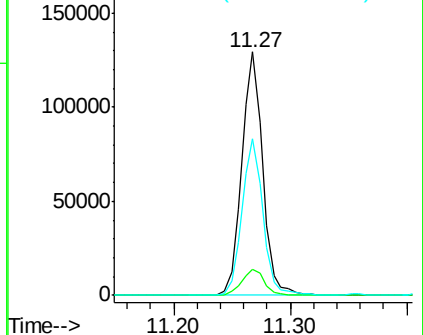
85 64.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.020 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007083.D

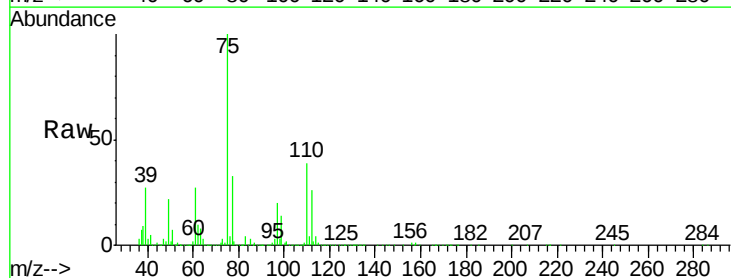
Acq: 17 Jan 2019 12:43

Tgt Ion: 75 Resp: 172431

Ion Ratio Lower Upper

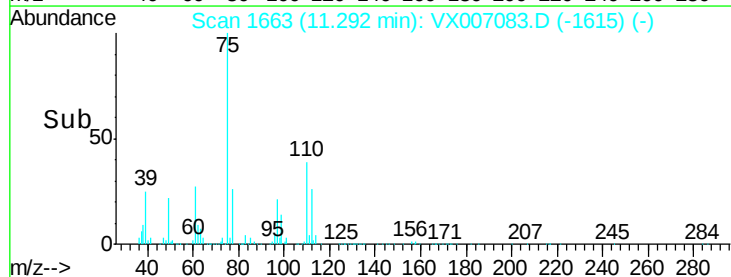
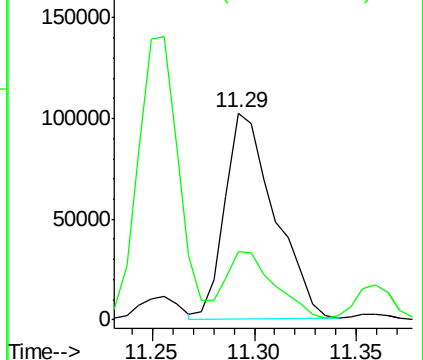
75 100

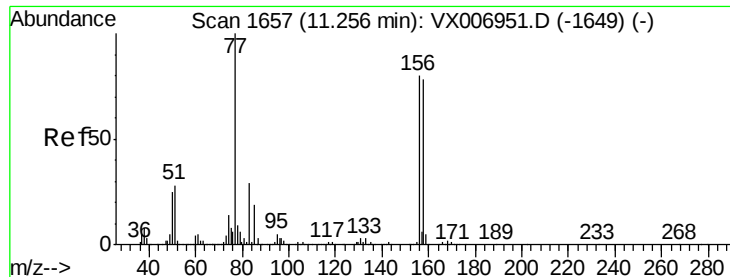
77 31.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.083 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

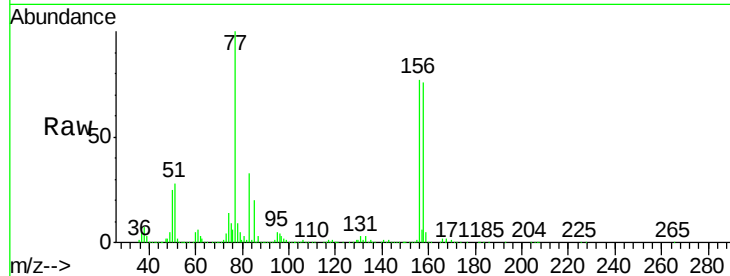
Tot Ion:156 Resp: 144233

Ion Ratio Lower Upper

156 100

77 134.9 68.0 204.0

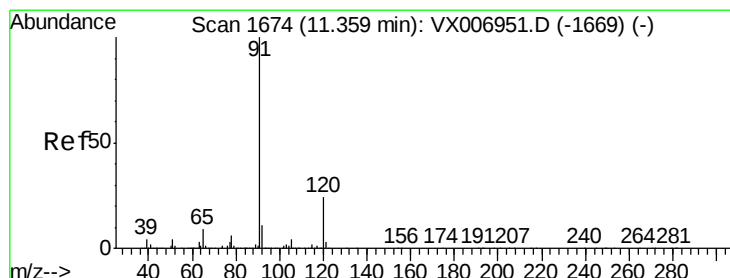
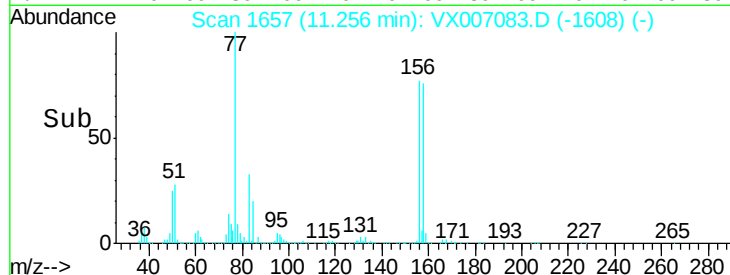
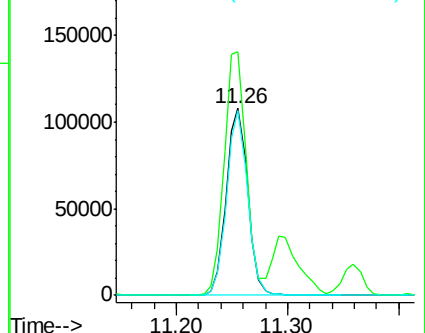
158 96.5 48.3 144.8



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: 20.226 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007083.D

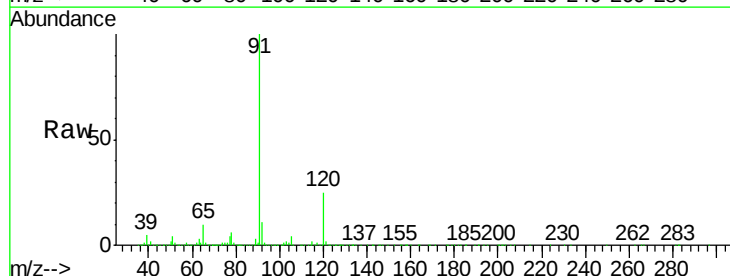
Acq: 17 Jan 2019 12:43

Tgt Ion: 91 Resp: 578731

Ion Ratio Lower Upper

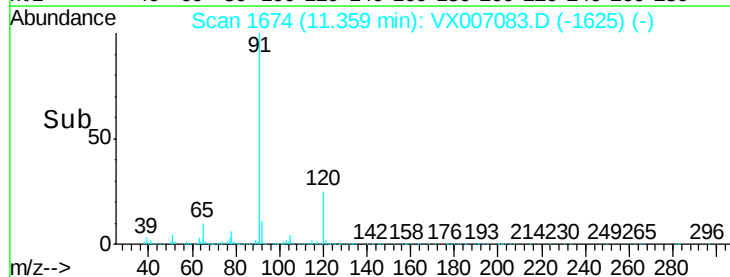
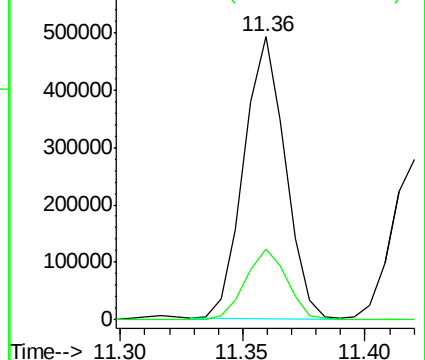
91 100

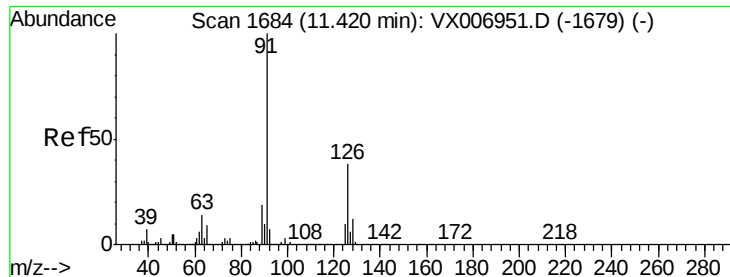
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.970 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

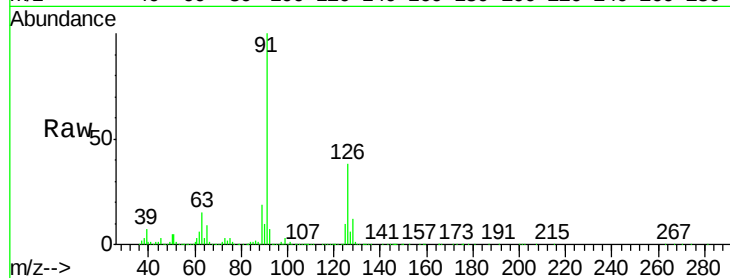
VX0117WBS01

Tot Ion: 91 Resp: 343966

Ion Ratio Lower Upper

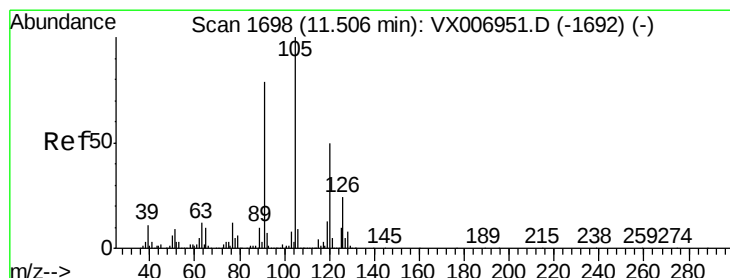
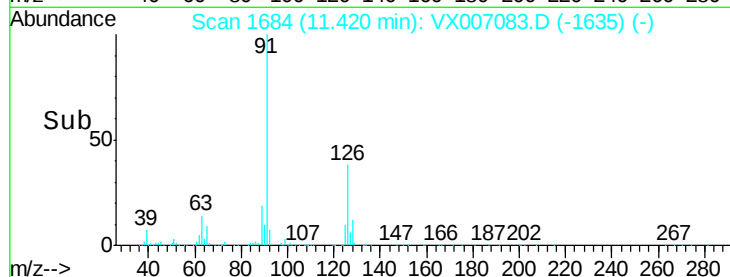
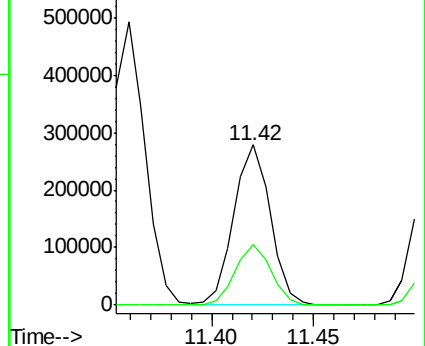
91 100

126 37.5 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.558 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007083.D

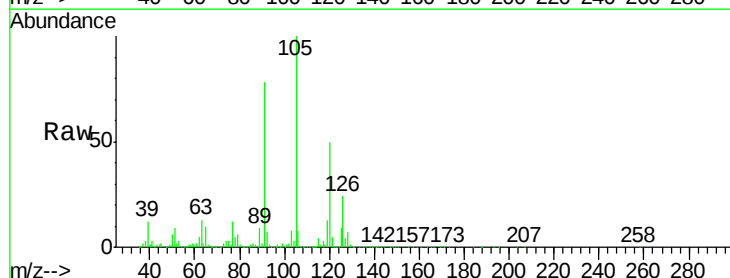
Acq: 17 Jan 2019 12:43

Tgt Ion:105 Resp: 425949

Ion Ratio Lower Upper

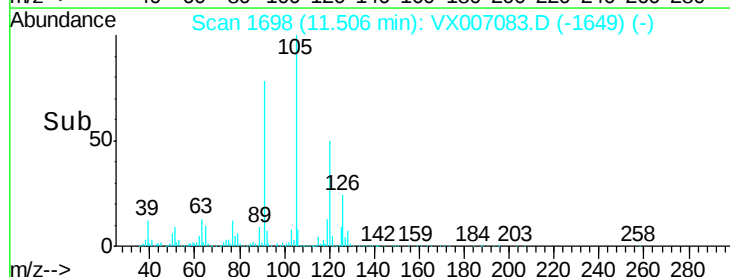
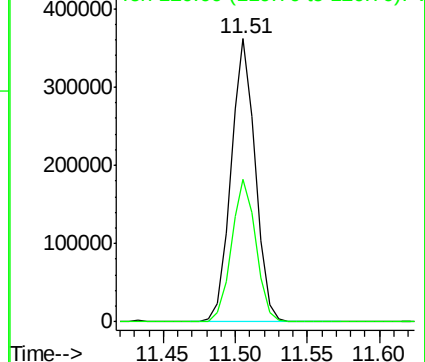
105 100

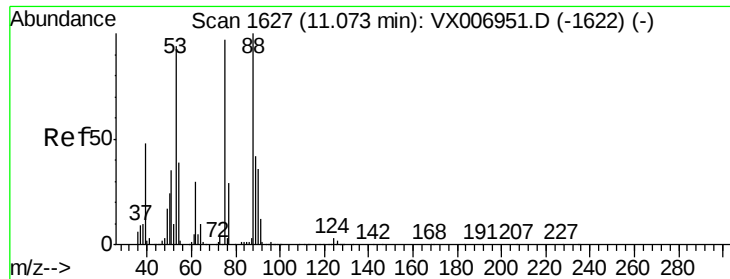
120 51.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.065 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

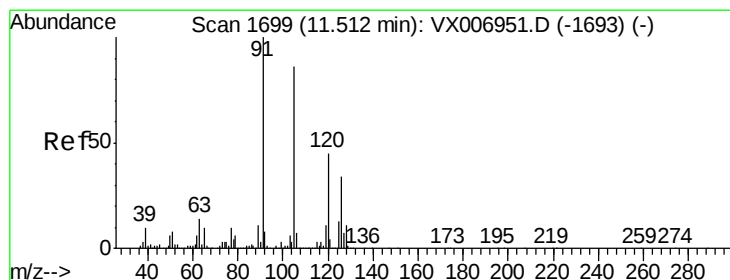
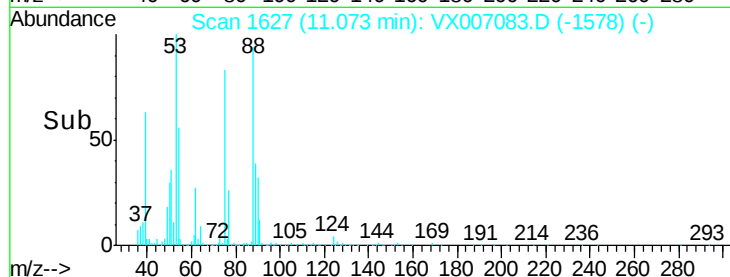
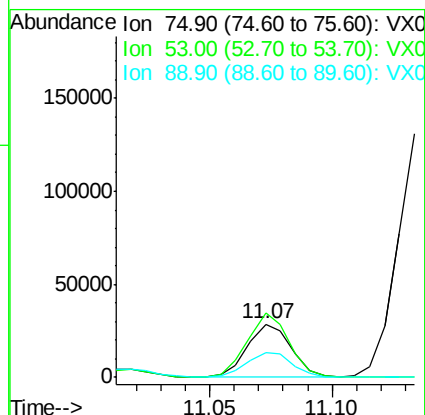
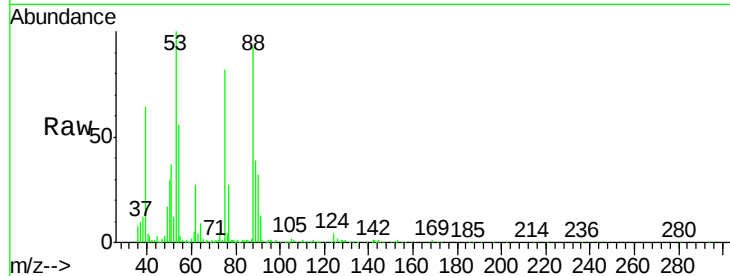
Tot Ion: 75 Resp: 35667

Ion Ratio Lower Upper

75 100

53 115.9 79.7 119.5

89 48.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.882 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007083.D

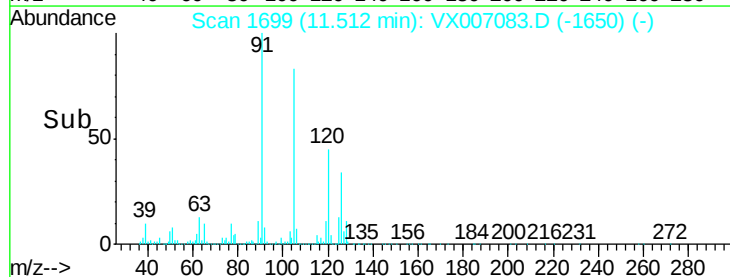
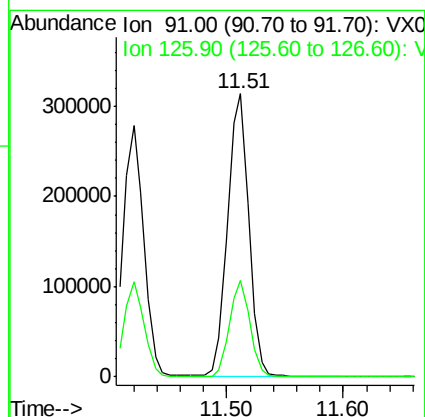
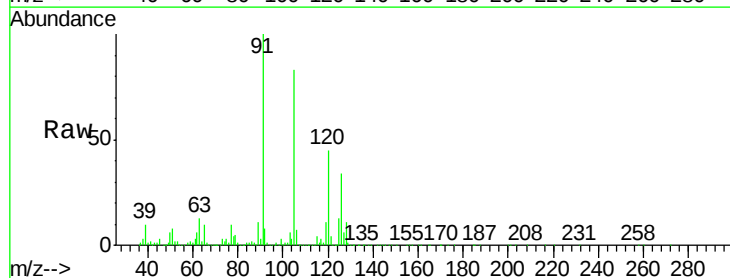
Acq: 17 Jan 2019 12:43

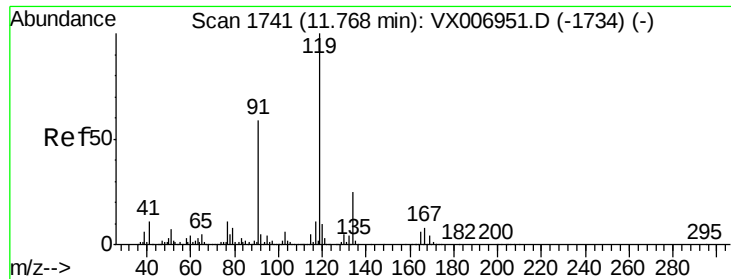
Tgt Ion: 91 Resp: 396496

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.684 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

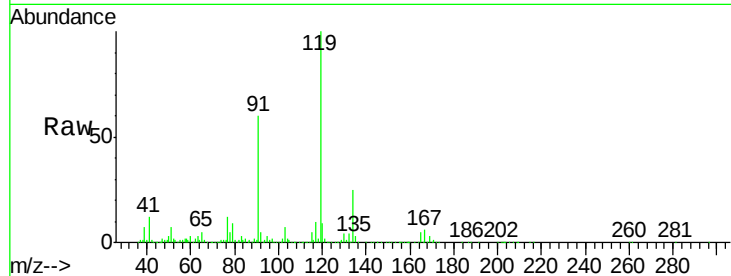
Tot Ion:119 Resp: 427725

Ion Ratio Lower Upper

119 100

91 57.4 27.7 83.1

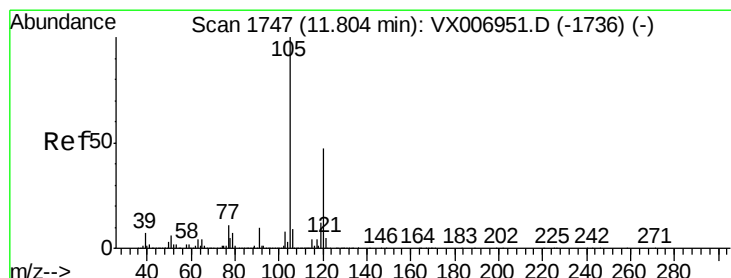
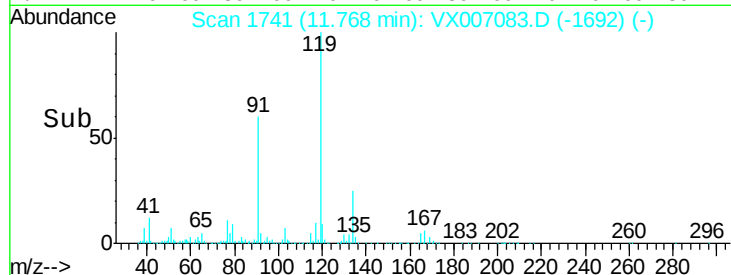
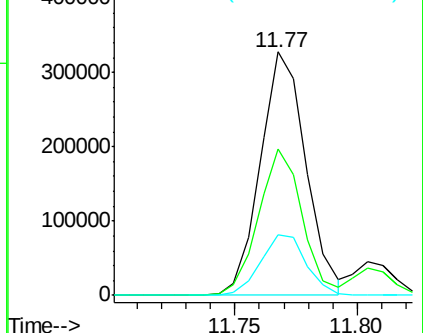
134 25.1 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.238 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007083.D

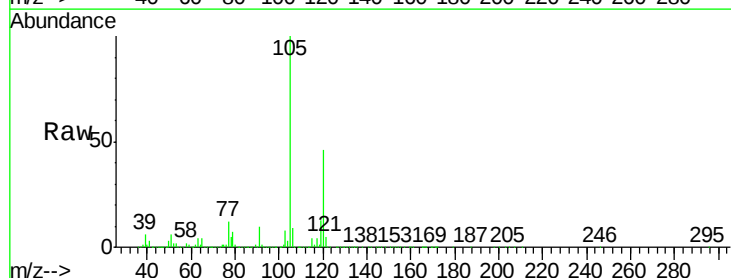
Acq: 17 Jan 2019 12:43

Tgt Ion:105 Resp: 443231

Ion Ratio Lower Upper

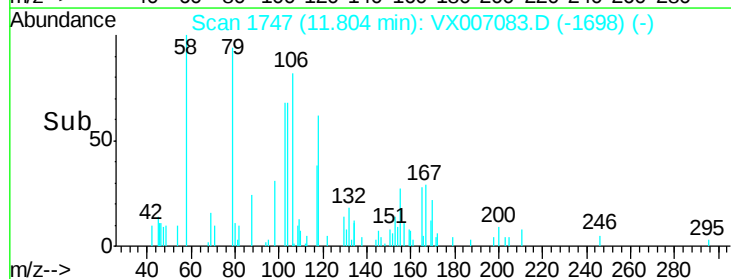
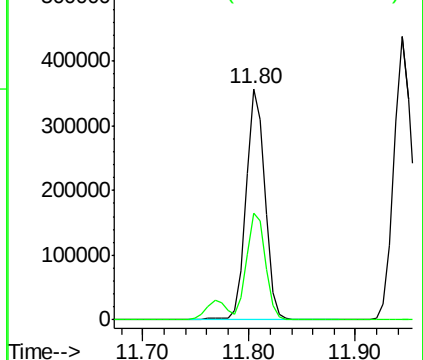
105 100

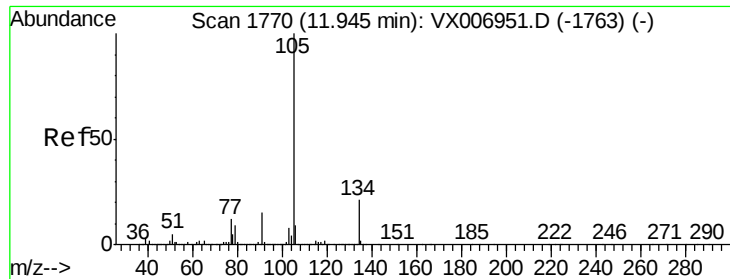
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.069 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

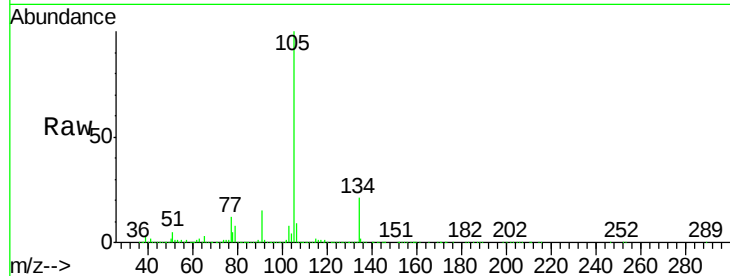
VX0117WBS01

Tot Ion:105 Resp: 520798

Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

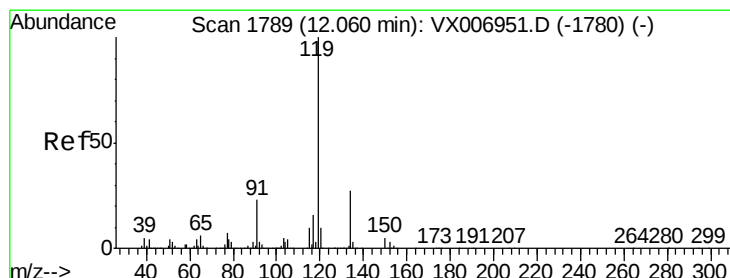
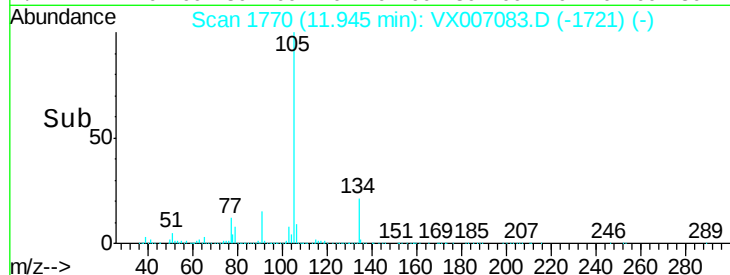
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.096 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

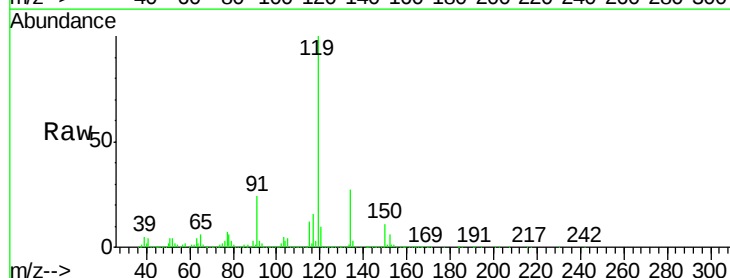
Tgt Ion:119 Resp: 466482

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.9 11.3 33.9



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

12.06

400000

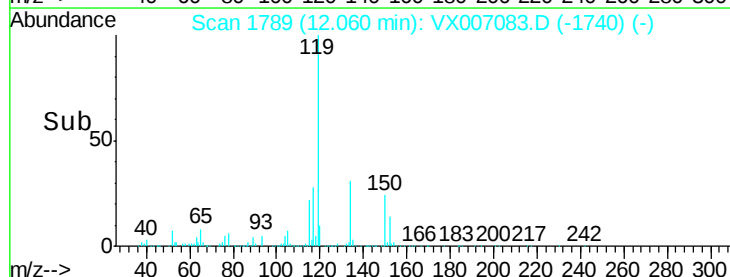
300000

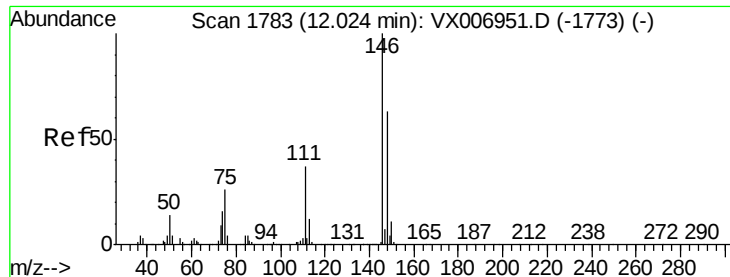
200000

100000

0

Time-->

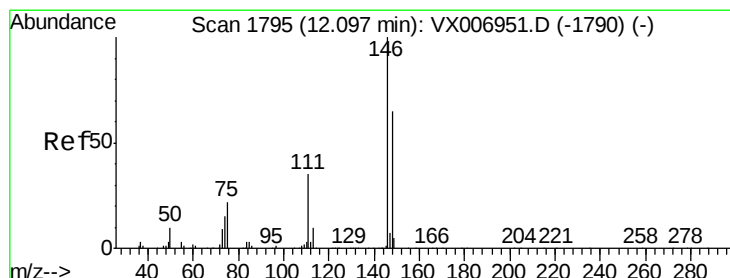
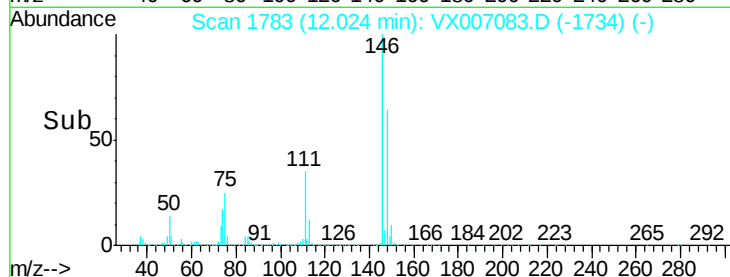
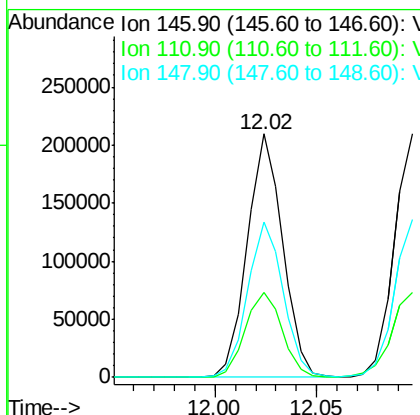
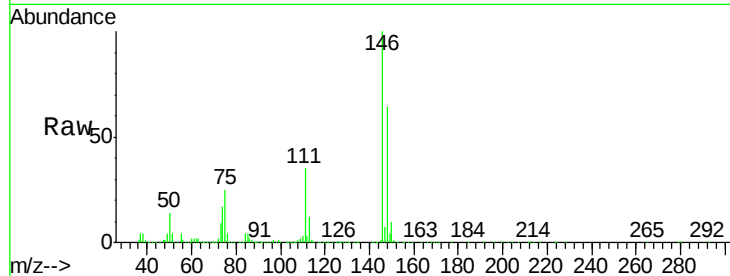




#87
 1,3-Dichlorobenzene
 Concen: 19.505 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

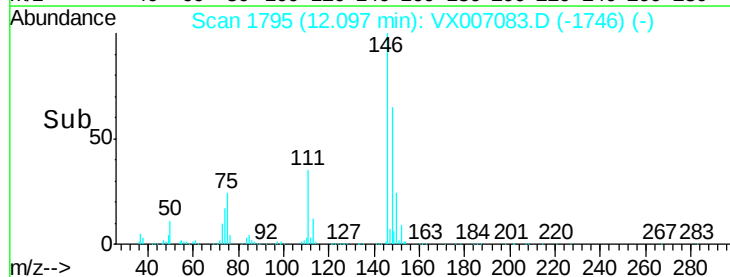
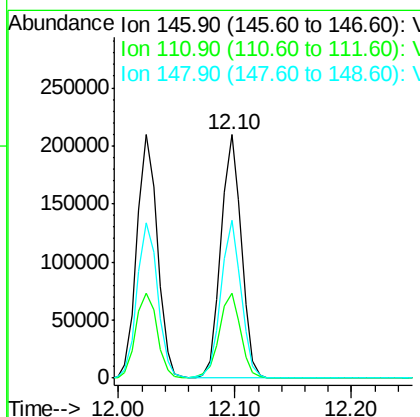
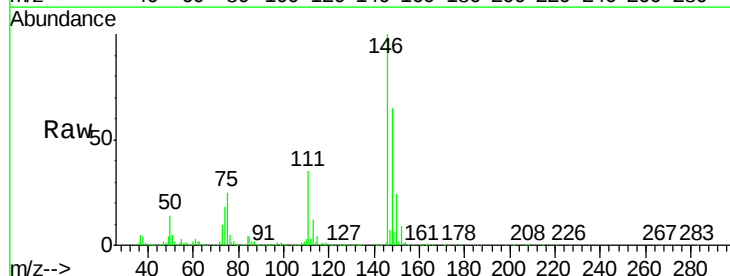
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.8
148	64.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.677 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.2	31.9	95.9

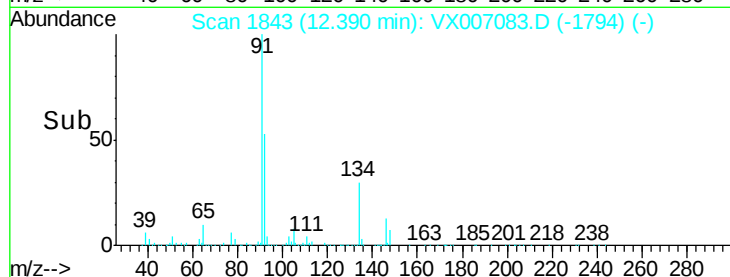
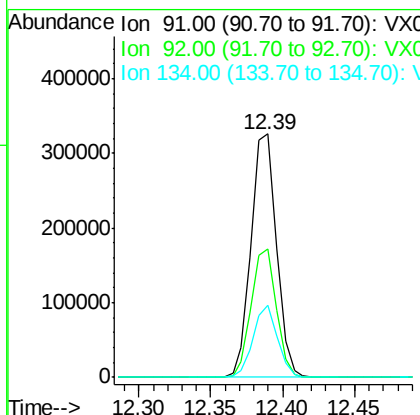
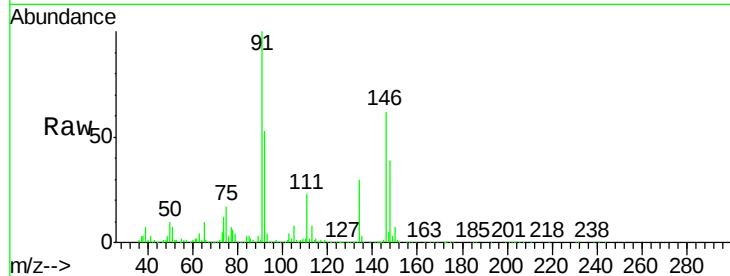




#89
n-Butylbenzene
Concen: 20.019 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

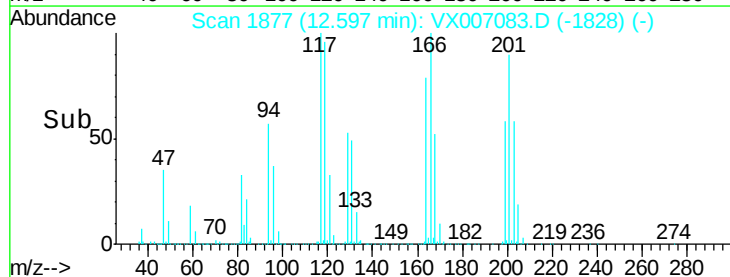
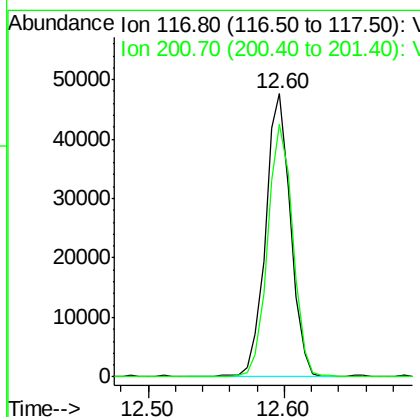
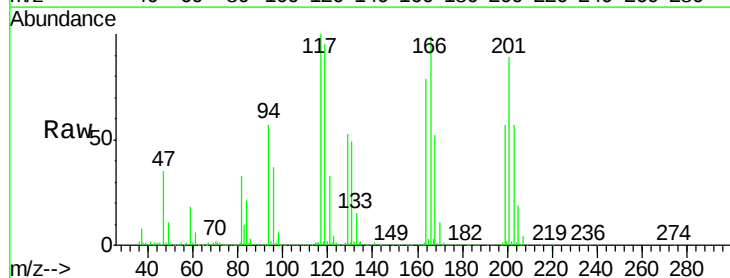
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

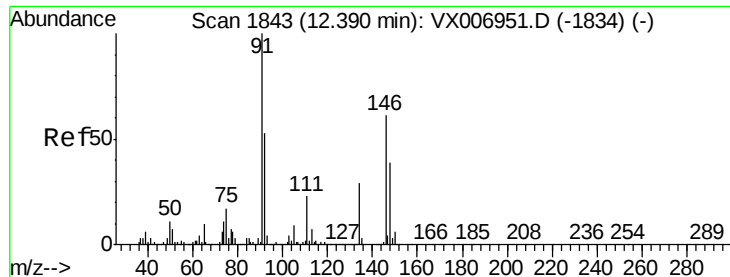
Tot Ion: 91 Resp: 396118
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.4
134 28.3 14.4 43.2



#90
Hexachloroethane
Concen: 18.609 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007083.D
Acq: 17 Jan 2019 12:43

Tgt Ion: 117 Resp: 61773
Ion Ratio Lower Upper
117 100
201 89.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.845 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0117WBS01

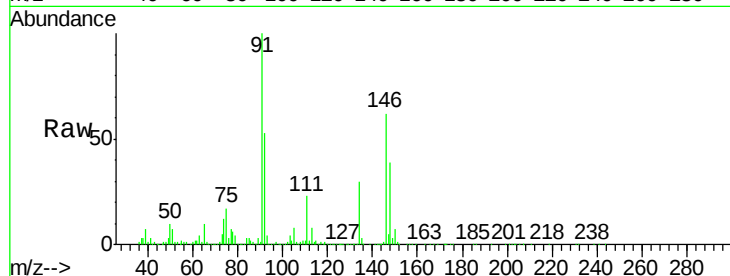
Tot Ion:146 Resp: 254214

Ion Ratio Lower Upper

146 100

111 37.8 19.4 58.2

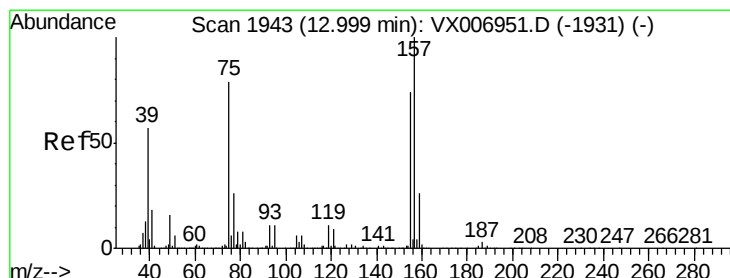
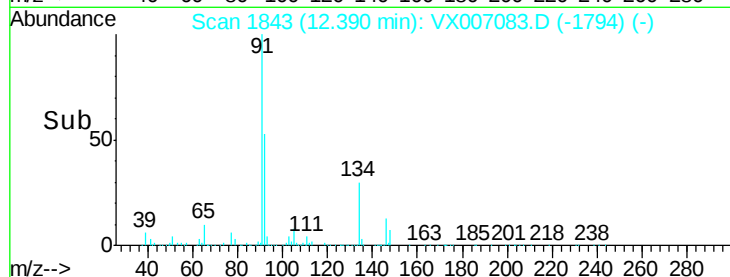
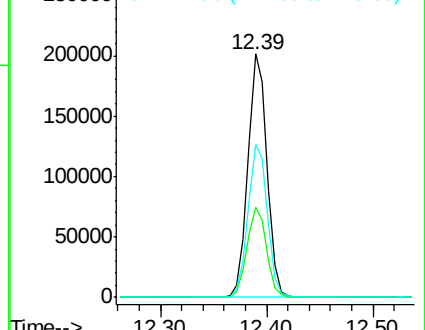
148 63.6 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.125 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

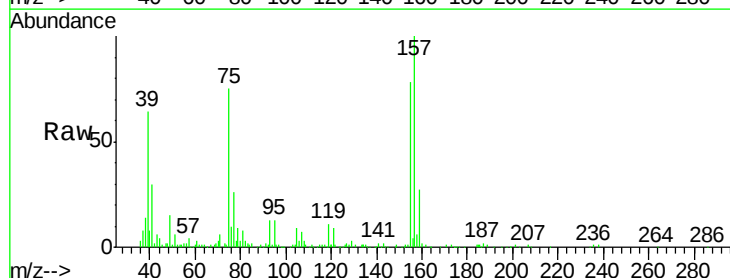
Tgt Ion: 75 Resp: 29662

Ion Ratio Lower Upper

75 100

155 106.8 50.6 151.8

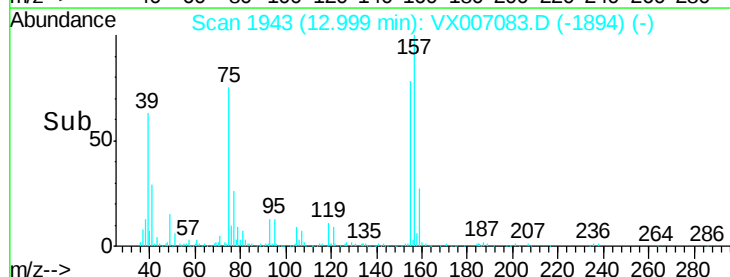
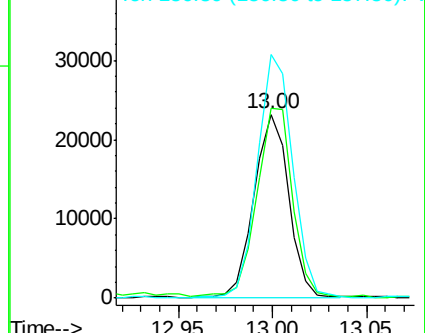
157 135.4 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

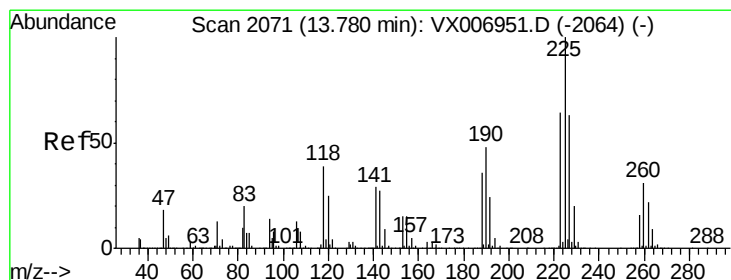
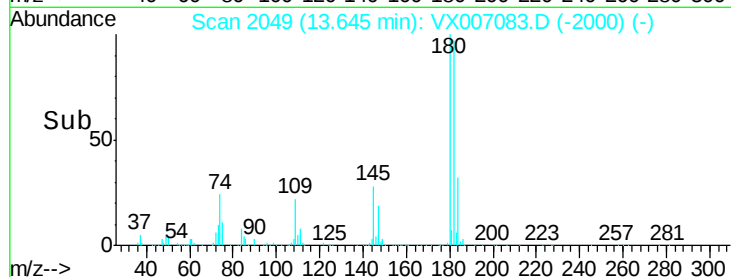
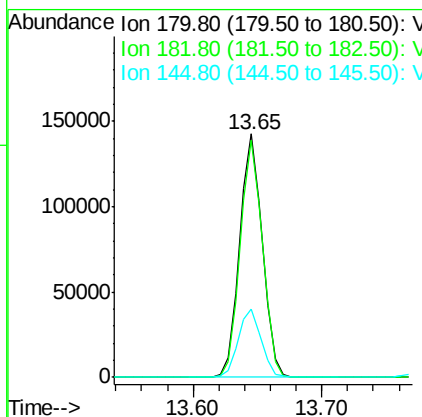
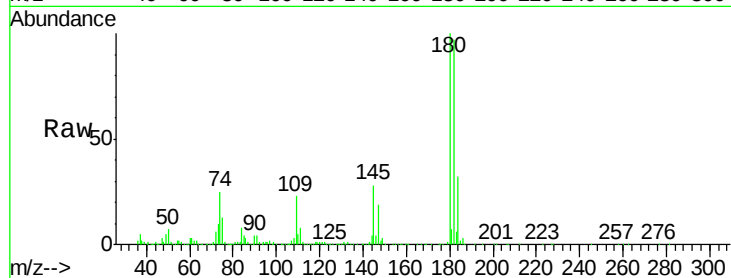




#93
 1,2,4-Trichlorobenzene
 Concen: 19.801 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

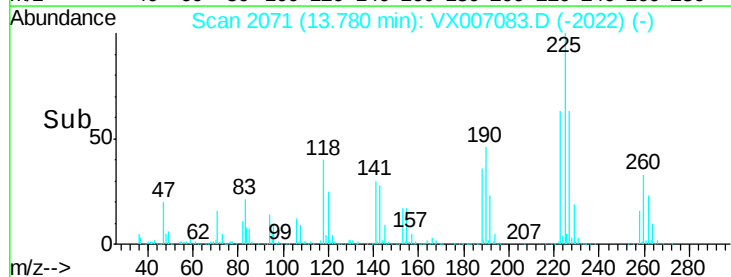
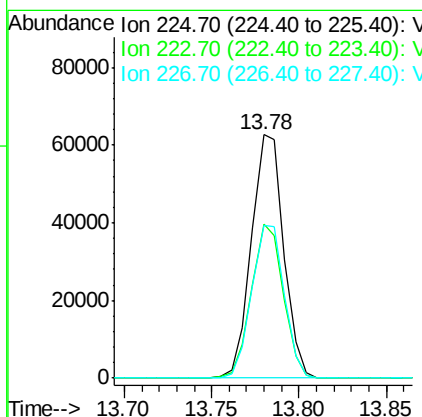
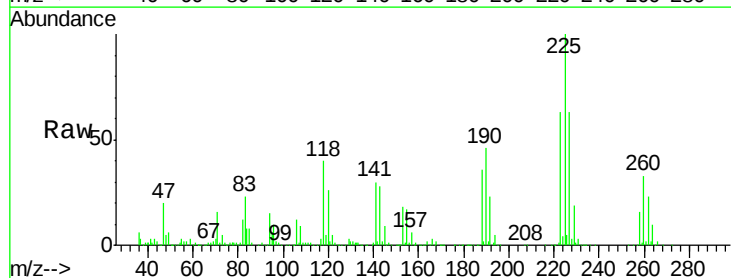
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

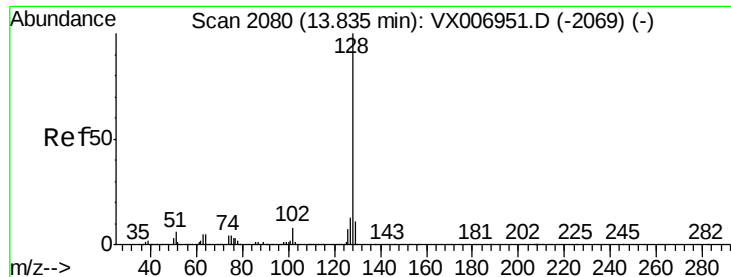
Tot Ion:180 Resp: 174029
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 28.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.647 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007083.D
 Acq: 17 Jan 2019 12:43

Tgt Ion:225 Resp: 80527
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.1 96.3
 227 63.3 32.3 96.8





#95

Naphthalene

Concen: 20.346 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

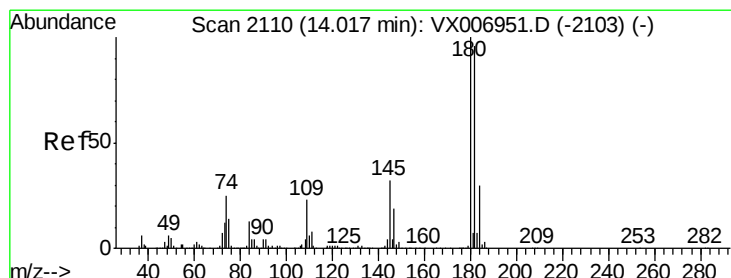
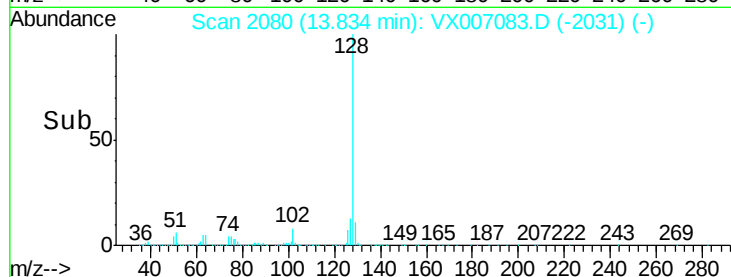
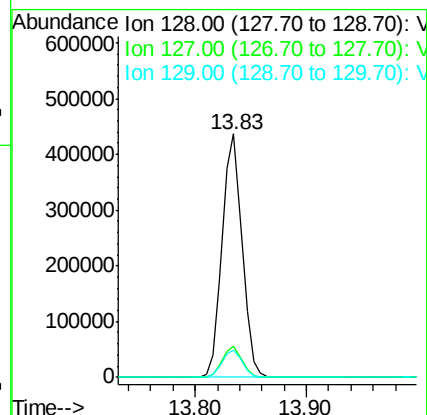
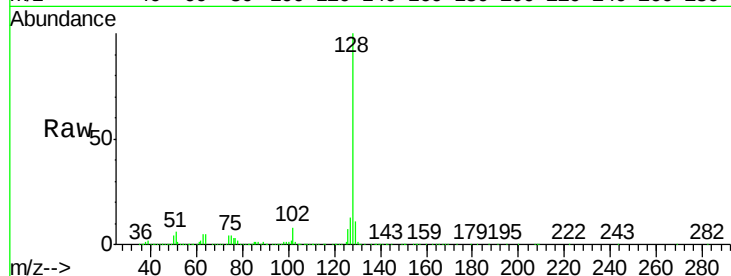
Tot Ion:128 Resp: 541845

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.052 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007083.D

Acq: 17 Jan 2019 12:43

Tgt Ion:180 Resp: 175066

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.5

145 31.0 16.0 47.9

