

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007081.D
 Acq On : 17 Jan 2019 11:50
 Operator : JC/SP
 Sample : VX0117MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Quant Time: Jan 18 04:47:01 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	503906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	749018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	679309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	343355	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	269520	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.50	113	240388	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	897819	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	320189	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	81087	19.595	ug/l	92
3) Chloromethane	1.33	50	92335	19.168	ug/l	99
4) Vinyl Chloride	1.41	62	98697	19.046	ug/l	98
5) Bromomethane	1.64	94	103732	18.736	ug/l	100
6) Chloroethane	1.71	64	65451	18.089	ug/l	98
7) Trichlorofluoromethane	1.93	101	160448	19.163	ug/l	100
8) Diethyl Ether	2.19	74	62356	18.720	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95496	19.051	ug/l	99
10) Methyl Iodide	2.51	142	133503	19.744	ug/l	98
11) Tert butyl alcohol	3.07	59	124393	100.133	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84719	18.293	ug/l	94
13) Acrolein	2.30	56	68157	128.727	ug/l	99
14) Allyl chloride	2.73	41	150000	18.898	ug/l	99
15) Acrylonitrile	3.15	53	284038	99.599	ug/l	99
16) Acetone	2.45	43	253391	97.328	ug/l	99
17) Carbon Disulfide	2.57	76	189451	15.889	ug/l	99
18) Methyl Acetate	2.78	43	154147	20.445	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	313524	19.504	ug/l	99
20) Methylene Chloride	2.85	84	102055	20.273	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	93365	18.090	ug/l	98
22) Diisopropyl ether	3.87	45	289257	19.385	ug/l	98
23) Vinyl Acetate	3.82	43	1174844	93.362	ug/l	99
24) 1,1-Dichloroethane	3.70	63	162051	19.422	ug/l	98
25) 2-Butanone	4.70	43	369483	99.185	ug/l	96
26) 2,2-Dichloropropane	4.58	77	118657	18.494	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	105866	18.597	ug/l	99
28) Bromochloromethane	5.01	49	72705	19.888	ug/l	92
29) Tetrahydrofuran	5.15	42	239346	98.866	ug/l	98
30) Chloroform	5.21	83	172174	19.709	ug/l	99
31) Cyclohexane	5.57	56	137710	18.544	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	141926	19.167	ug/l	98
36) 1,1-Dichloropropene	5.80	75	119280	18.317	ug/l	100
37) Ethyl Acetate	4.85	43	136819	19.597	ug/l	99
38) Carbon Tetrachloride	5.78	117	119589	18.252	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007081.D
 Acq On : 17 Jan 2019 11:50
 Operator : JC/SP
 Sample : VX0117MBS01
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Quant Time: Jan 18 04:47:01 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	150737	18.157	ug/l	98
40) Benzene	6.14	78	375461	18.896	ug/l	99
41) Methacrylonitrile	5.06	41	76104	18.922	ug/l	97
42) 1,2-Dichloroethane	6.20	62	129632	18.879	ug/l	100
43) Isopropyl Acetate	6.46	43	213031	19.345	ug/l	98
44) Trichloroethene	7.21	130	107886	18.119	ug/l	99
45) 1,2-Dichloropropane	7.51	63	95334	19.084	ug/l	100
46) Dibromomethane	7.66	93	66713	19.002	ug/l	97
47) Bromodichloromethane	7.90	83	114141	19.100	ug/l	95
48) Methyl methacrylate	7.77	41	108072	19.110	ug/l	97
49) 1,4-Dioxane	7.75	88	52676	402.742	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	714938	101.019	ug/l	99
52) Toluene	8.78	92	242341	18.975	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	121315	18.307	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	134666	18.402	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	105088	20.557	ug/l	98
56) Ethyl methacrylate	9.18	69	146316	19.606	ug/l	95
57) 1,3-Dichloropropane	9.37	76	165708	19.787	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	382025	99.563	ug/l	99
59) 2-Hexanone	9.49	43	546537	101.337	ug/l	98
60) Dibromochloromethane	9.59	129	96525	19.446	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109258	19.414	ug/l	99
64) Tetrachloroethene	9.34	164	113257	19.257	ug/l	98
65) Chlorobenzene	10.14	112	286647	19.347	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97508	19.564	ug/l	99
67) Ethyl Benzene	10.25	91	464016	18.971	ug/l	99
68) m/p-Xylenes	10.36	106	362734	37.641	ug/l	99
69) o-Xylene	10.70	106	180596	19.216	ug/l	100
70) Styrene	10.71	104	286218	19.229	ug/l	99
71) Bromoform	10.86	173	68851	18.708	ug/l	100
73) Isopropylbenzene	11.02	105	473725	19.566	ug/l	100
74) N-amyl acetate	10.90	43	183754	18.850	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	150181	19.539	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	162080	23.294	ug/l	90
77) Bromobenzene	11.26	156	128887	19.320	ug/l	99
78) n-propylbenzene	11.36	91	525987	19.790	ug/l	98
79) 2-Chlorotoluene	11.42	91	311222	19.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	389680	19.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34337	17.549	ug/l	90
82) 4-Chlorotoluene	11.51	91	358631	19.360	ug/l	100
83) tert-Butylbenzene	11.77	119	387547	19.200	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	401721	19.747	ug/l	99
85) sec-Butylbenzene	11.94	105	476626	19.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	423301	19.632	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	226045	18.746	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229918	20.211	ug/l	99
89) n-Butylbenzene	12.38	91	350105	19.047	ug/l	98
90) Hexachloroethane	12.60	117	58031	18.786	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	229653	19.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28009	18.425	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007081.D
Acq On : 17 Jan 2019 11:50
Operator : JC/SP
Sample : VX0117MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Quant Time: Jan 18 04:47:01 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

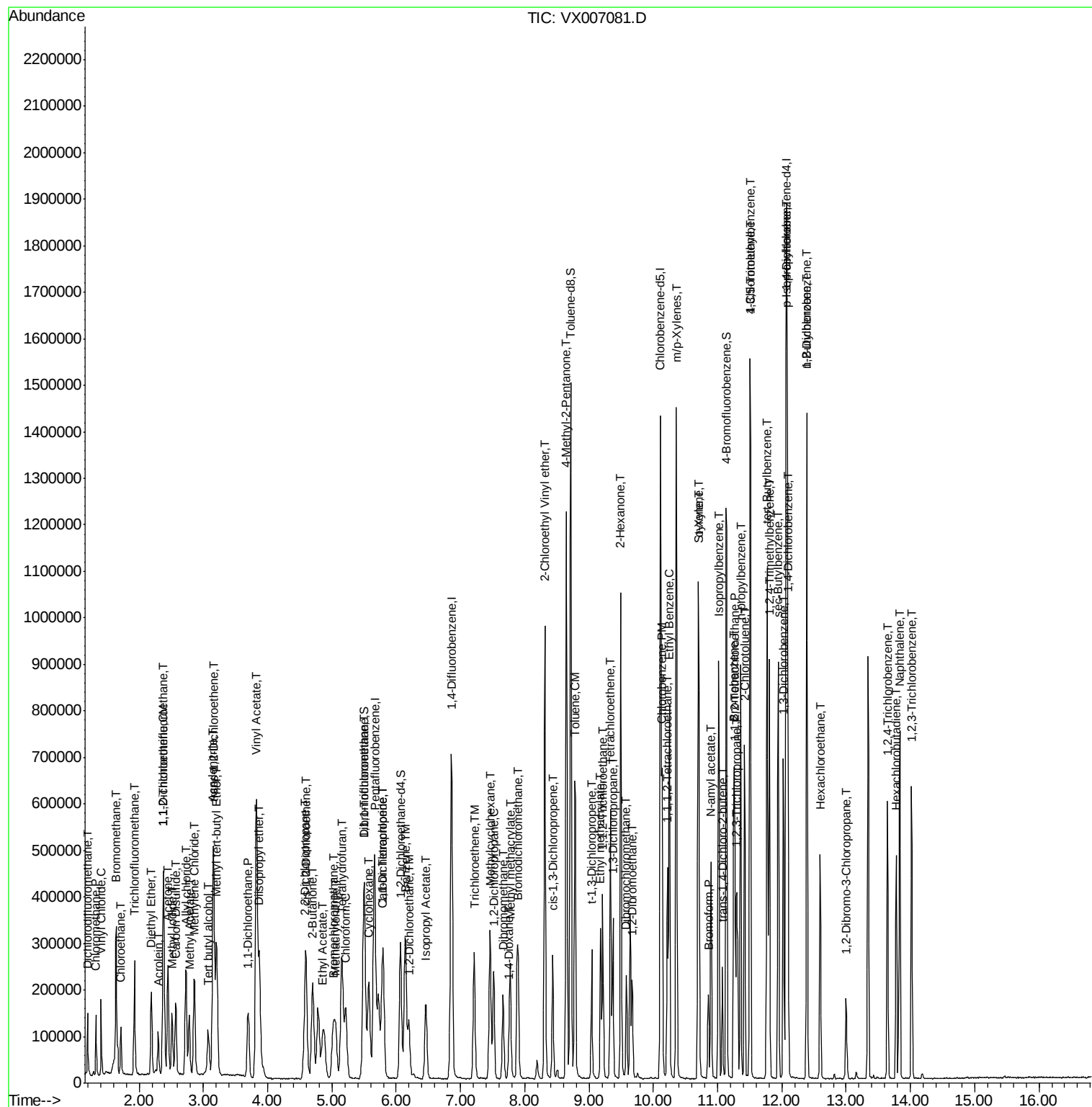
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150371	18.419	ug/l	100
94) Hexachlorobutadiene	13.78	225	71243	19.665	ug/l	98
95) Naphthalene	13.83	128	471903	19.076	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	152882	18.851	ug/l	99

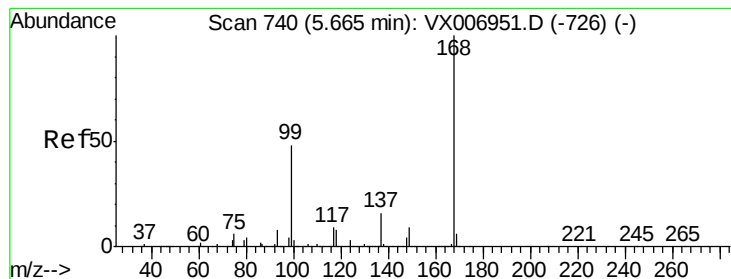
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007081.D
 Acq On : 17 Jan 2019 11:50
 Operator : JC/SP
 Sample : VX0117MBS01
 Misc : 5.0µL/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Quant Time: Jan 18 04:47:01 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

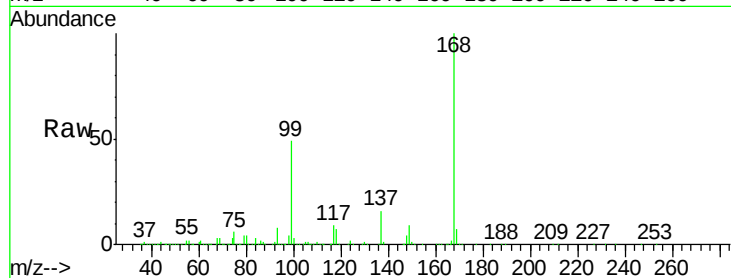
VX0117MBS01

Tot Ion:168 Resp: 503906

Ion Ratio Lower Upper

168 100

99 48.6 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

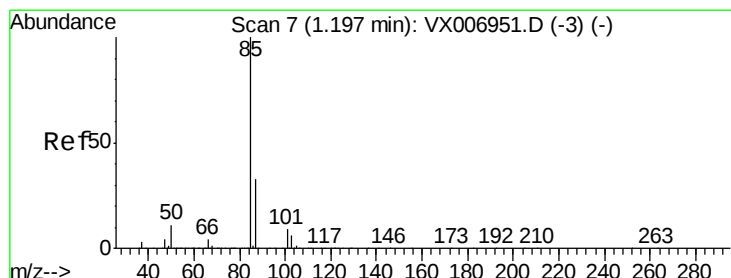
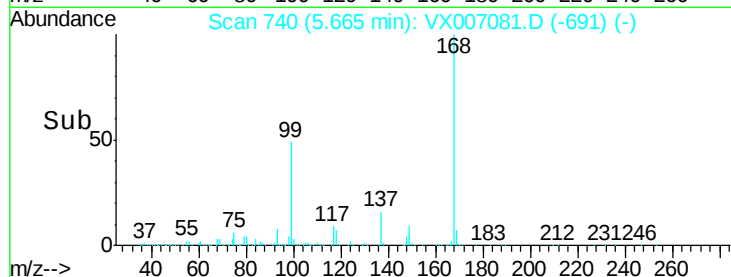
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.595 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007081.D

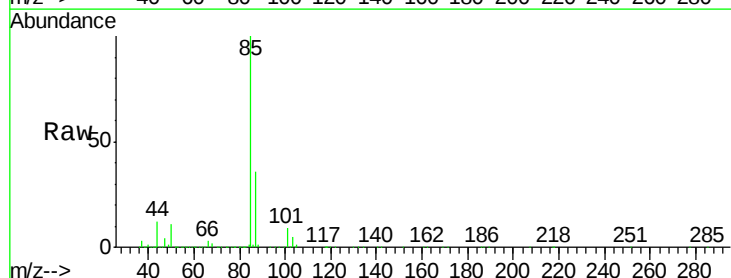
Acq: 17 Jan 2019 11:50

Tgt Ion: 85 Resp: 81087

Ion Ratio Lower Upper

85 100

87 36.3 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

80000

60000

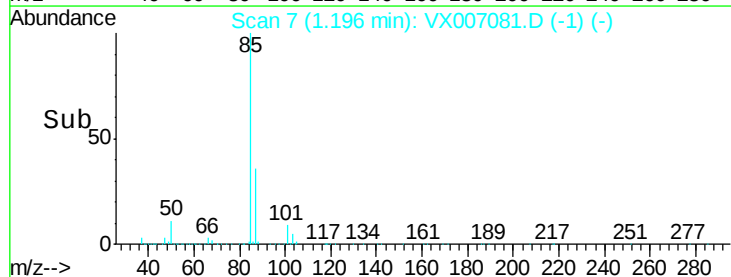
40000

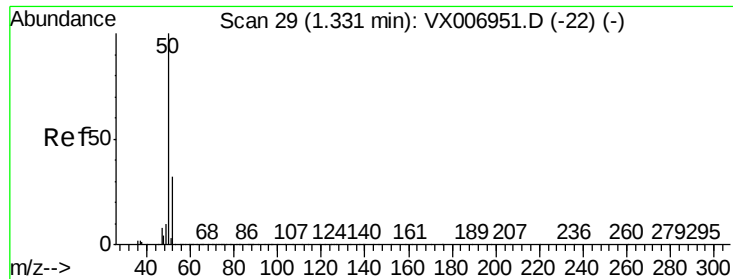
20000

0

Time-->

1.15 1.20 1.25 1.30

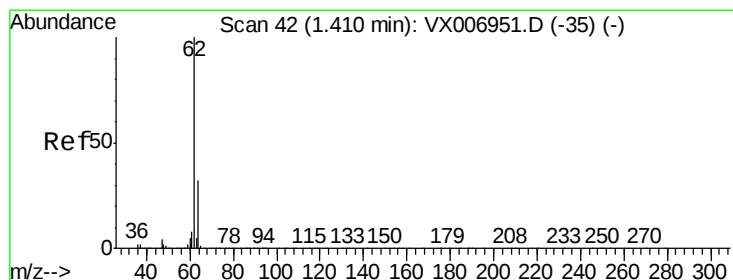
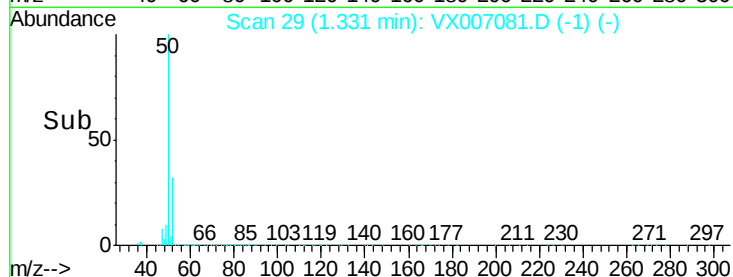
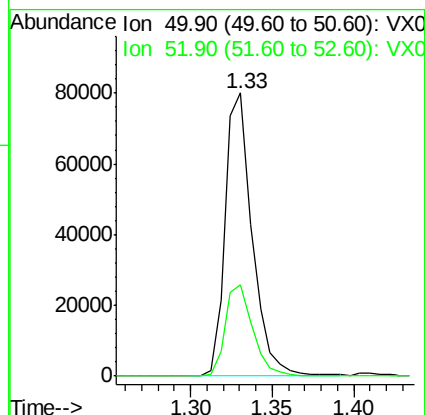
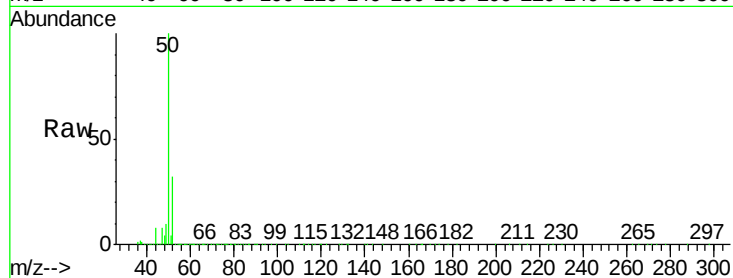




#3
Chloromethane
Concen: 19.168 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

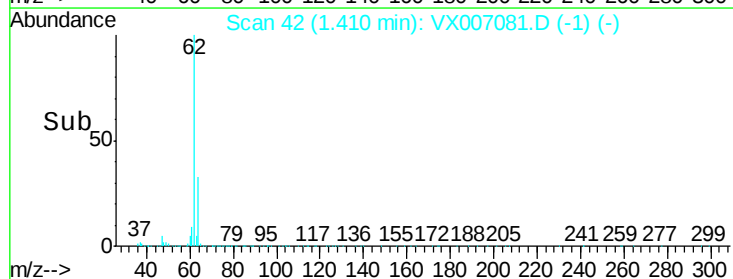
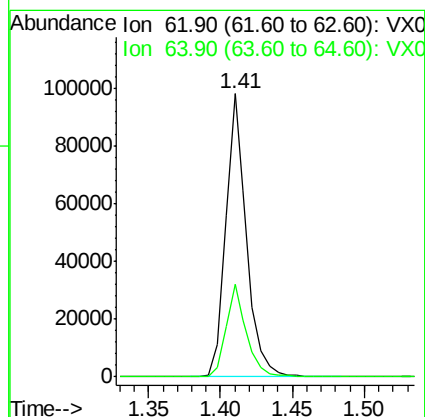
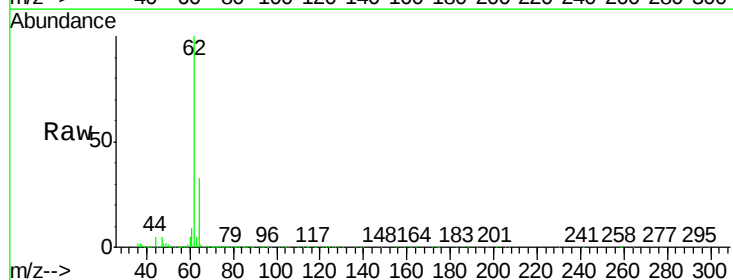
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

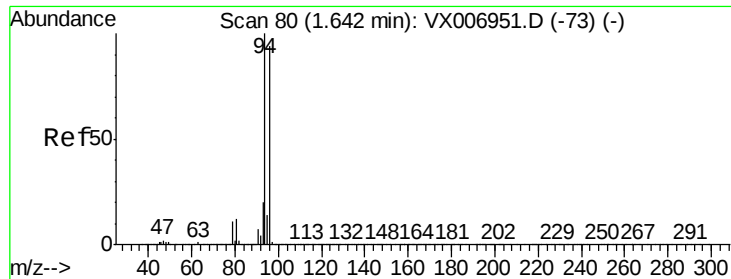
Tot Ion: 50 Resp: 92335
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 19.046 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 62 Resp: 98697
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7





#5

Bromomethane

Concen: 18.736 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

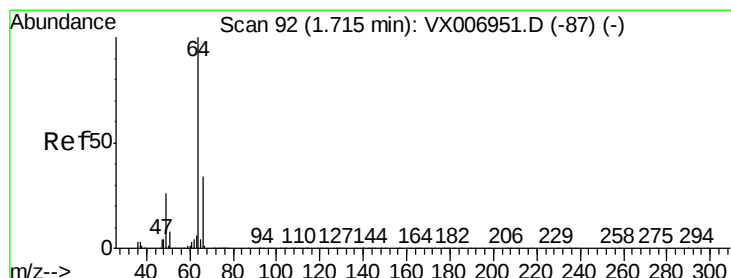
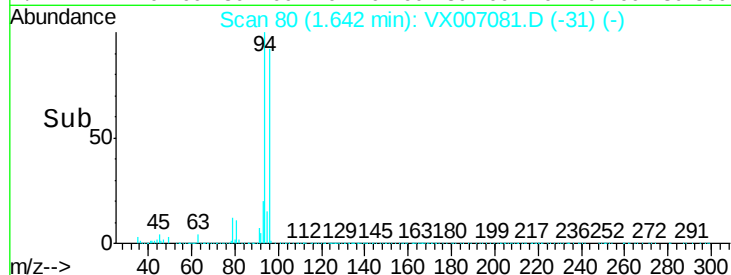
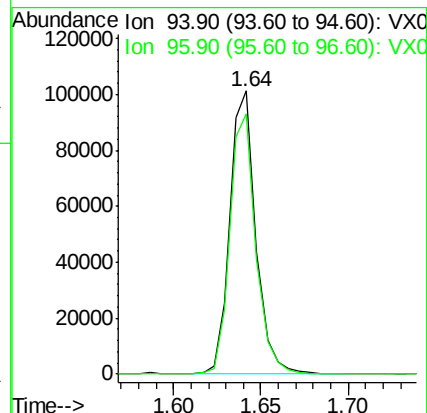
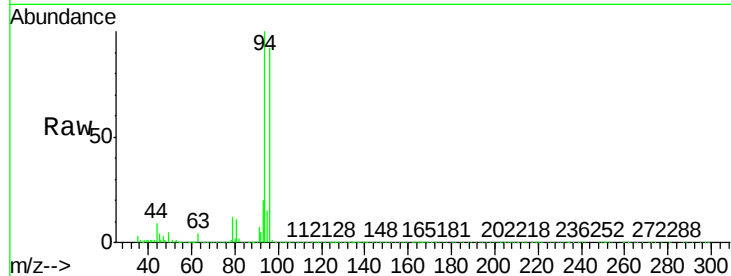
VX0117MBS01

Tot Ion: 94 Resp: 103732

Ion Ratio Lower Upper

94 100

96 91.9 73.4 110.2



#6

Chloroethane

Concen: 18.089 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007081.D

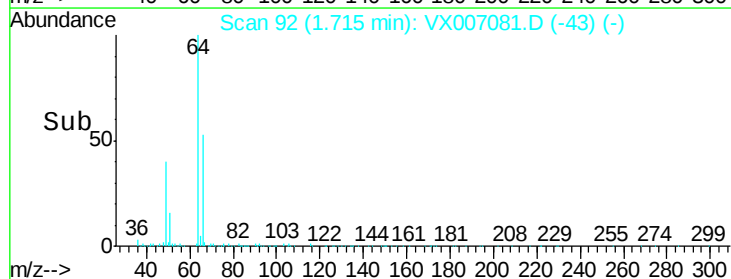
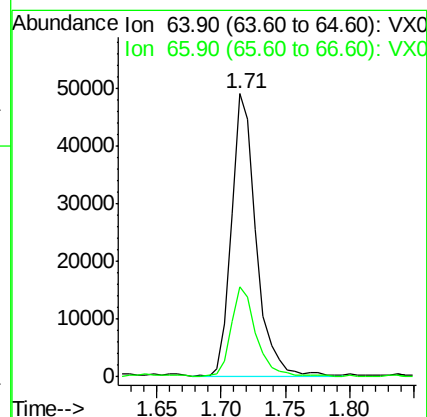
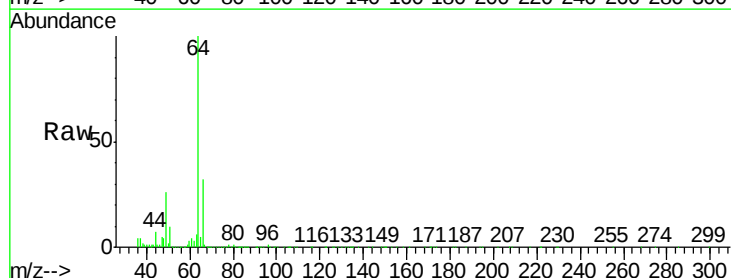
Acq: 17 Jan 2019 11:50

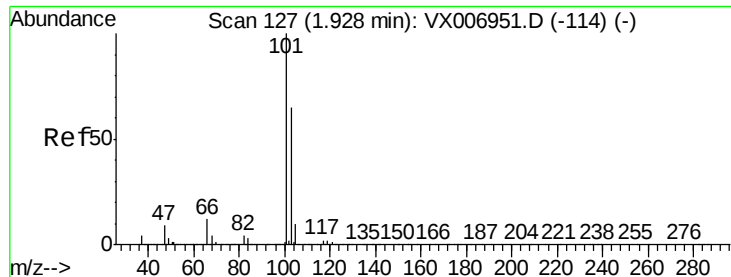
Tgt Ion: 64 Resp: 65451

Ion Ratio Lower Upper

64 100

66 31.9 26.4 39.6



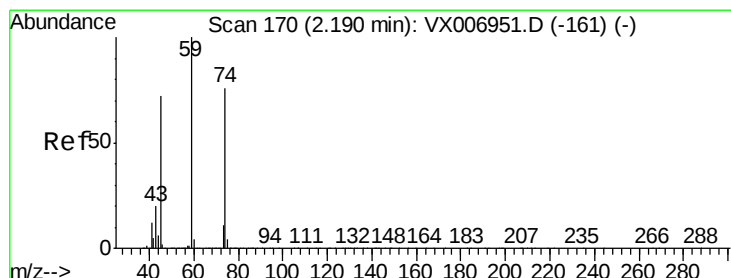
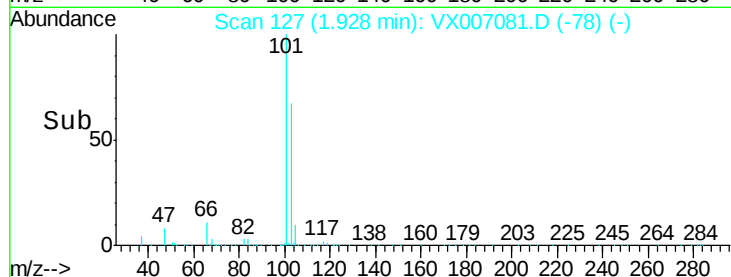
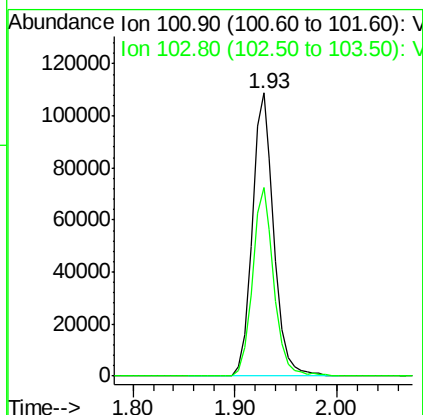
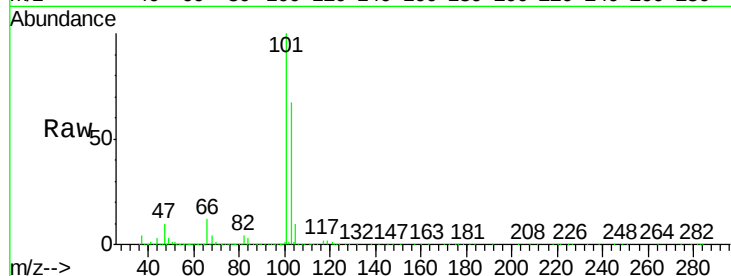


#7

Trichlorofluoromethane
Concen: 19.163 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

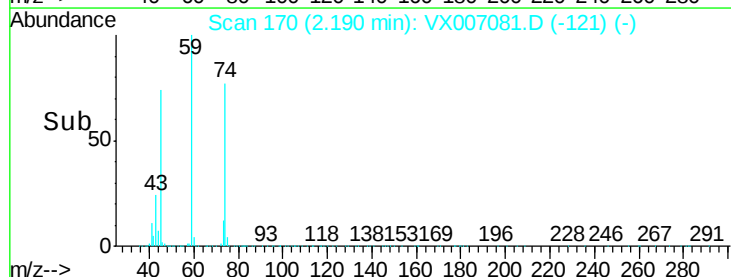
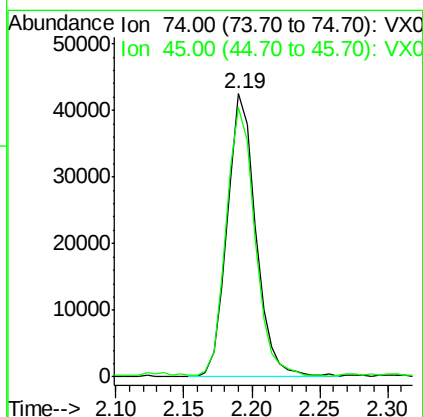
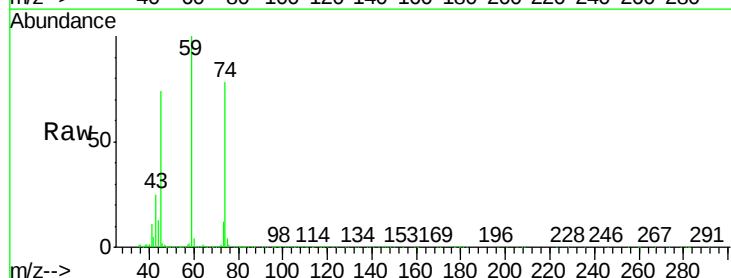
Tot Ion:101 Resp: 160448
Ion Ratio Lower Upper
101 100
103 66.6 53.2 79.8

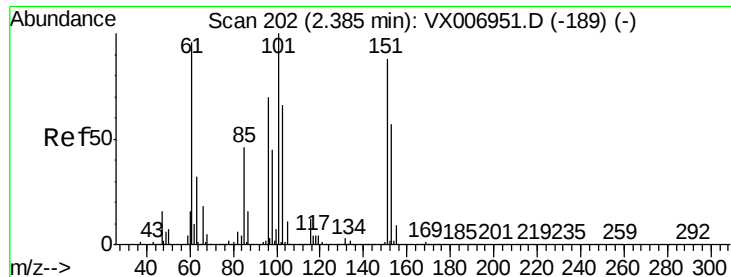


#8

Diethyl Ether
Concen: 18.720 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 74 Resp: 62356
Ion Ratio Lower Upper
74 100
45 96.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.051 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

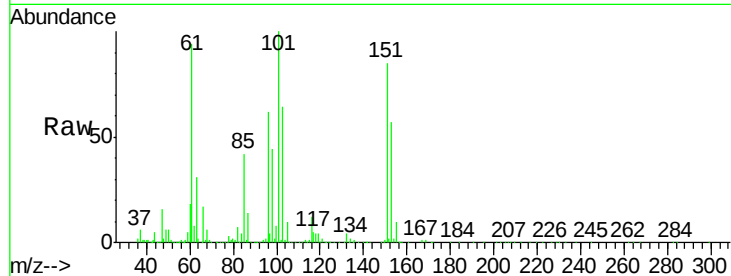
Tot Ion:101 Resp: 95496

Ion Ratio Lower Upper

101 100

85 45.2 35.1 52.7

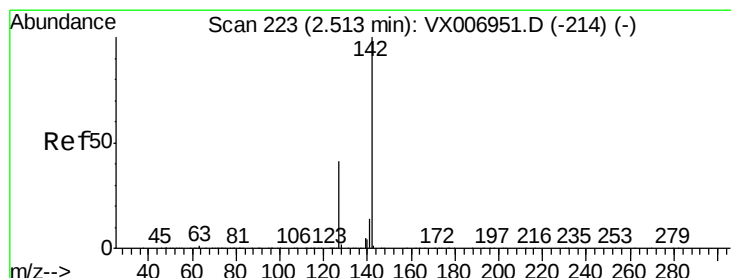
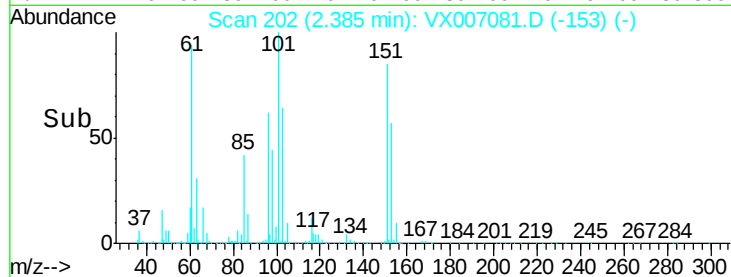
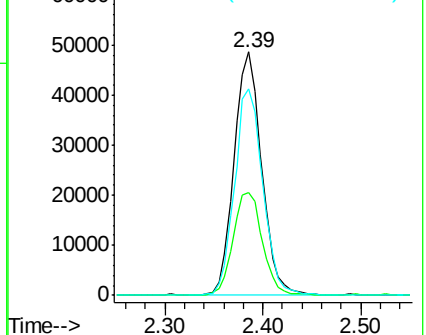
151 86.7 68.9 103.3



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: 19.744 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

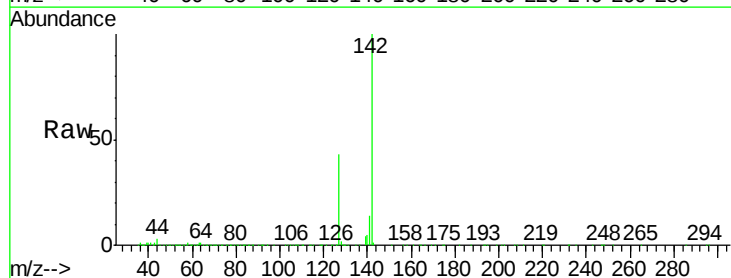
Tgt Ion:142 Resp: 133503

Ion Ratio Lower Upper

142 100

127 43.6 33.9 50.9

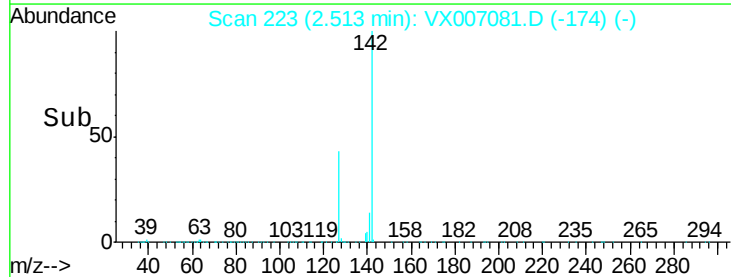
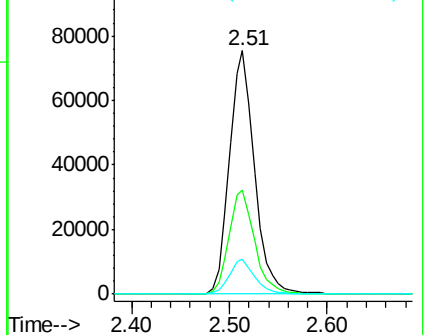
141 14.5 11.4 17.0

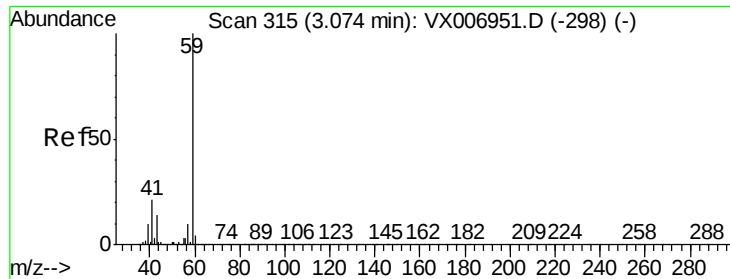


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



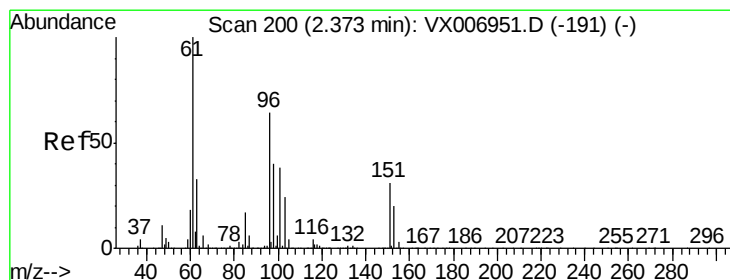
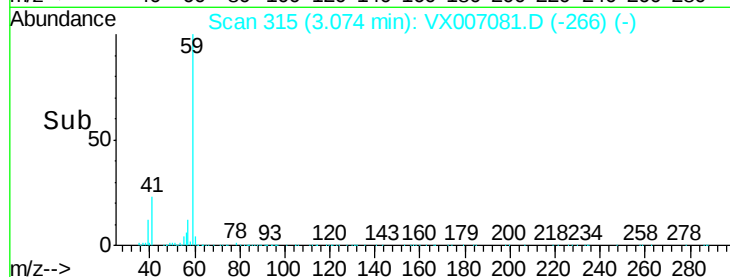
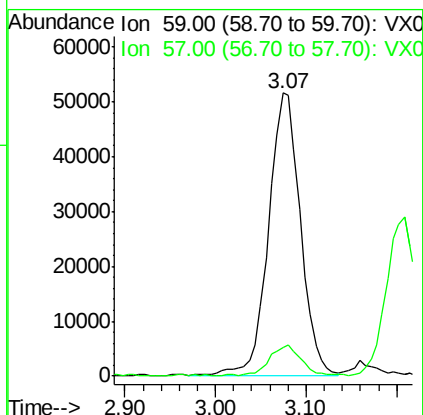
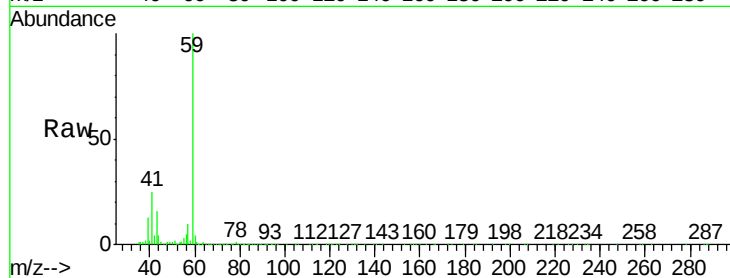


#11

Tert butyl alcohol
 Concen: 100.133 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

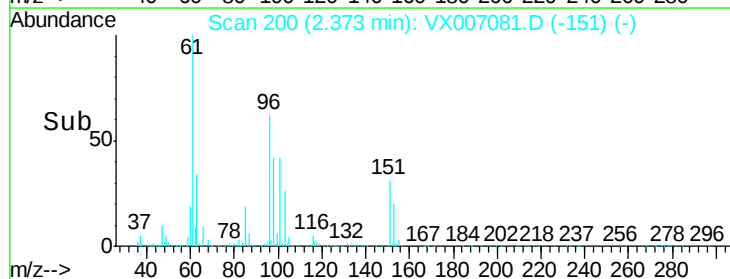
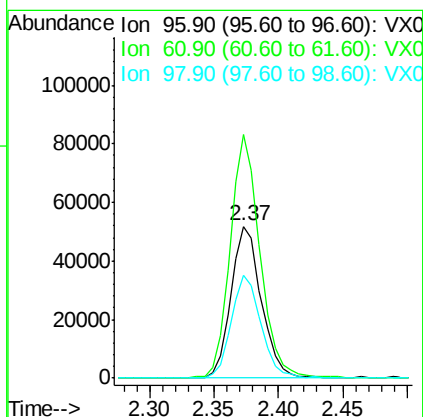
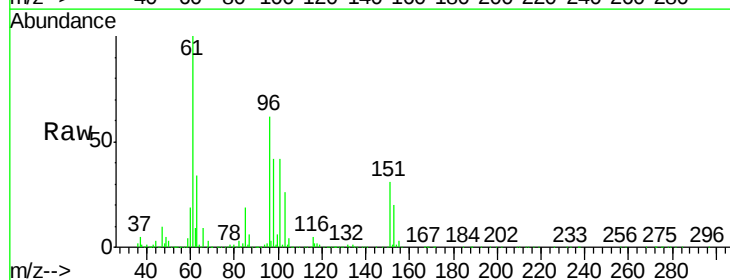
Tot Ion: 59 Resp: 124393
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.5 12.7

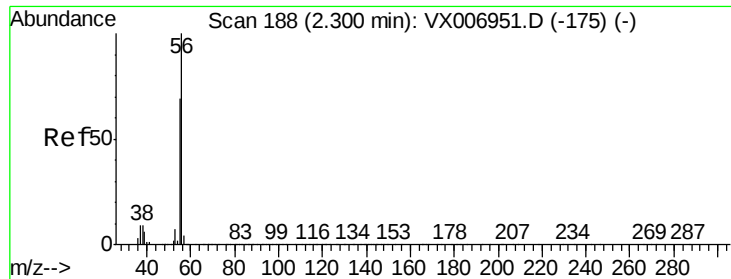


#12

1,1-Dichloroethene
 Concen: 18.293 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion: 96 Resp: 84719
 Ion Ratio Lower Upper
 96 100
 61 160.7 121.4 182.2
 98 67.3 51.9 77.9





#13

Acrolein

Concen: 128.727 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

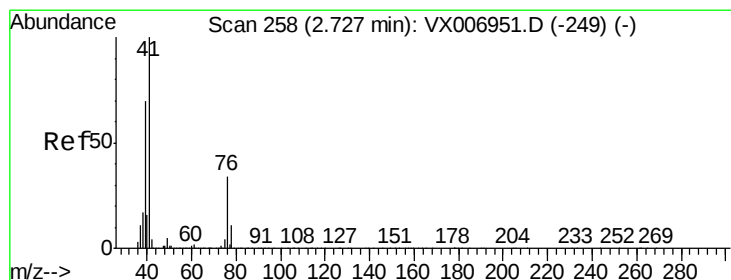
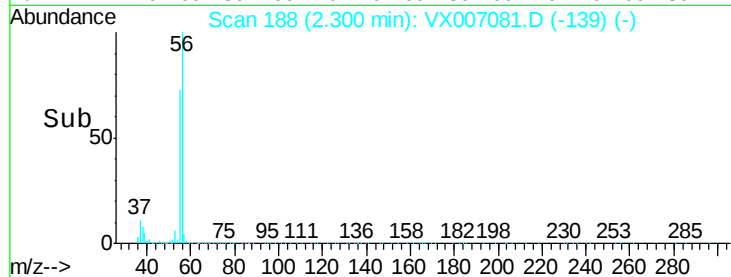
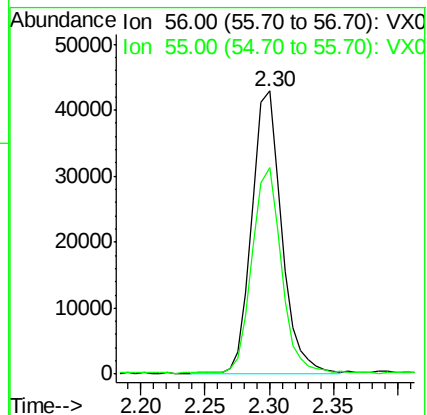
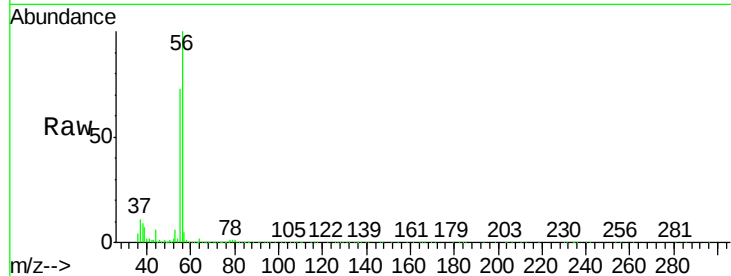
VX0117MBS01

Tot Ion: 56 Resp: 68157

Ion Ratio Lower Upper

56 100

55 71.9 58.2 87.4



#14

Allyl chloride

Concen: 18.898 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

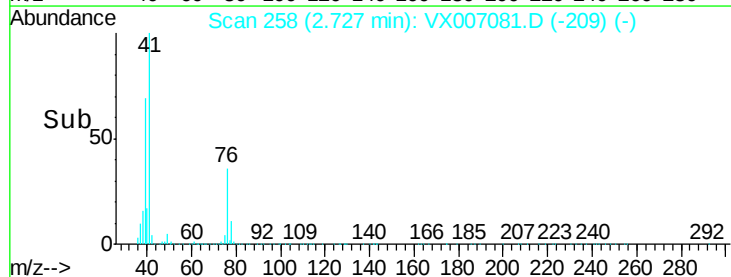
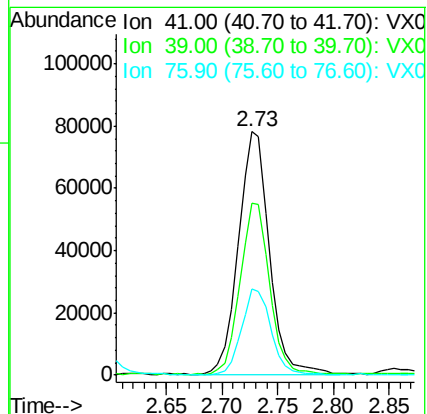
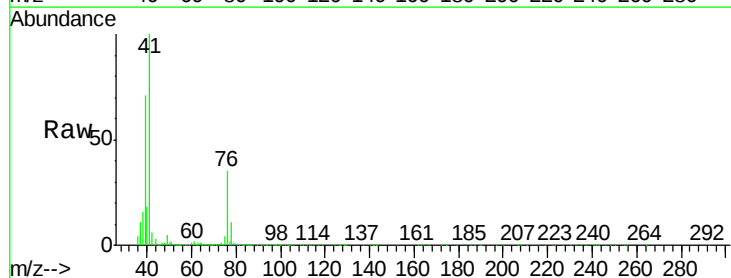
Tgt Ion: 41 Resp: 150000

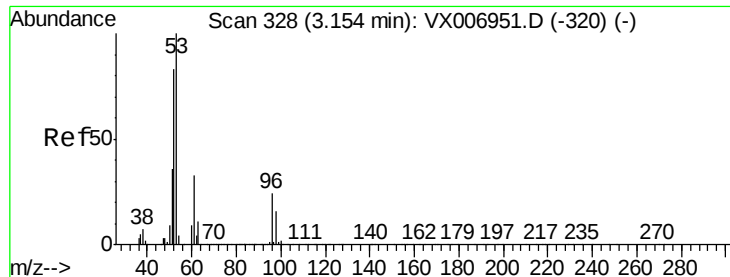
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 33.4 27.4 41.2





#15

Acrylonitrile

Concen: 99.599 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

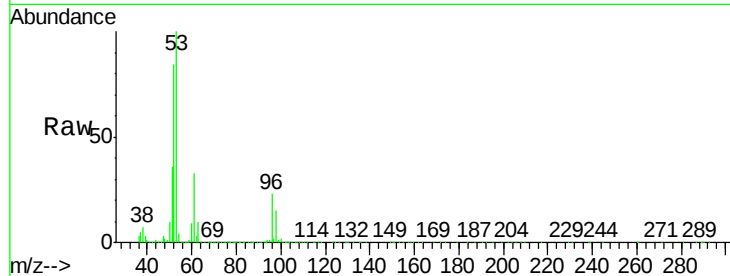
Tot Ion: 53 Resp: 284038

Ion Ratio Lower Upper

53 100

52 83.5 66.0 99.0

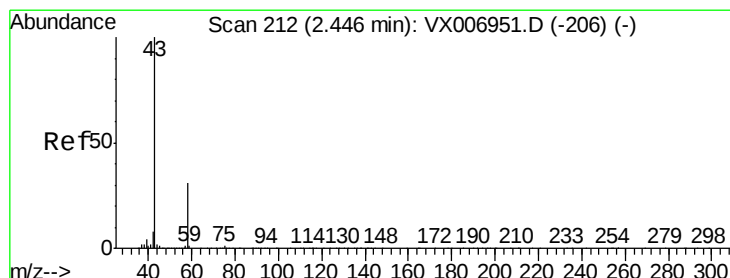
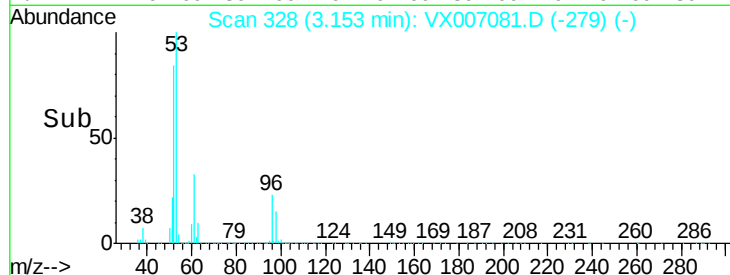
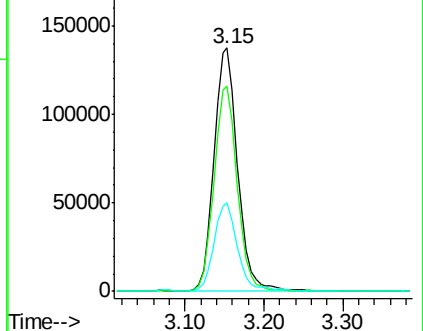
51 36.1 28.6 42.8



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: 97.328 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007081.D

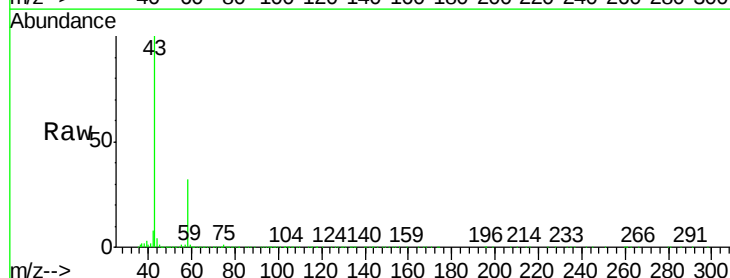
Acq: 17 Jan 2019 11:50

Tgt Ion: 43 Resp: 253391

Ion Ratio Lower Upper

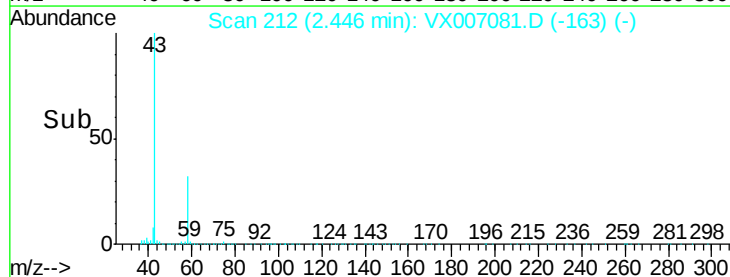
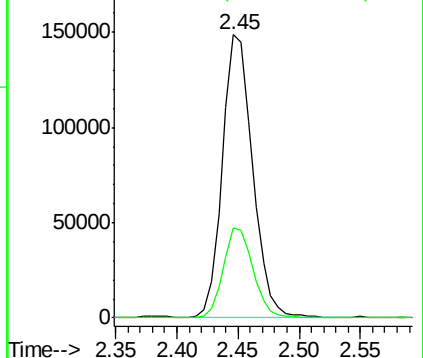
43 100

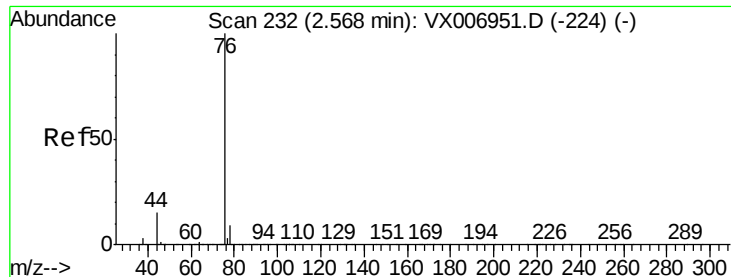
58 31.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

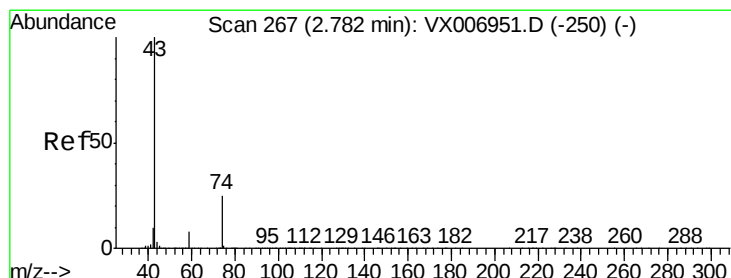
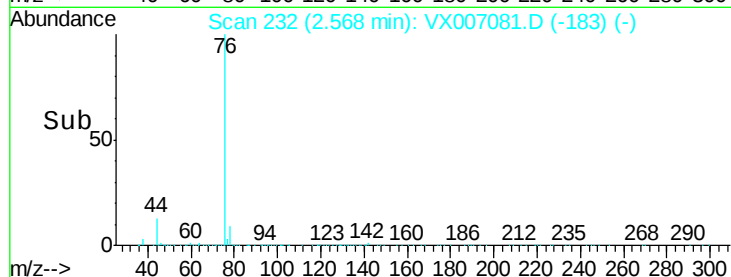
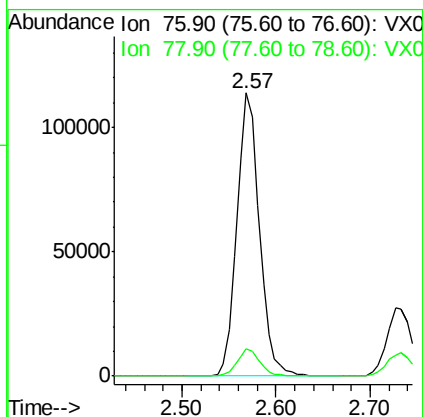
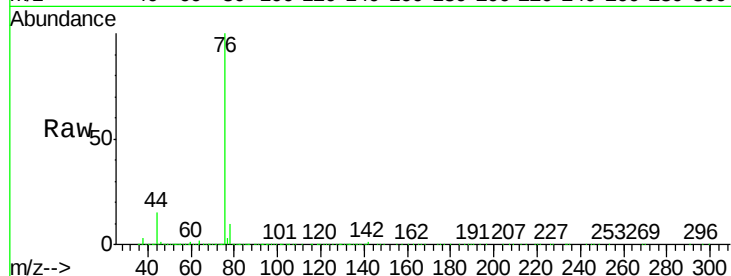




#17
Carbon Disulfide
Concen: 15.889 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

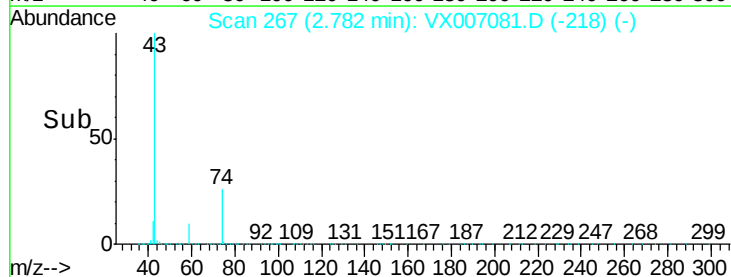
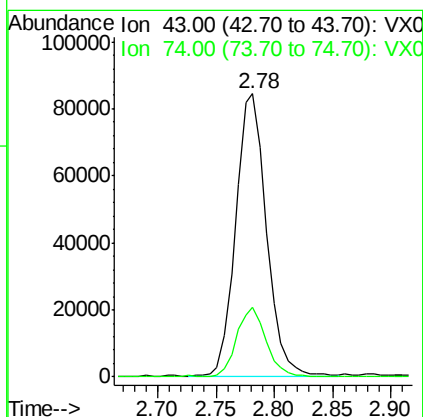
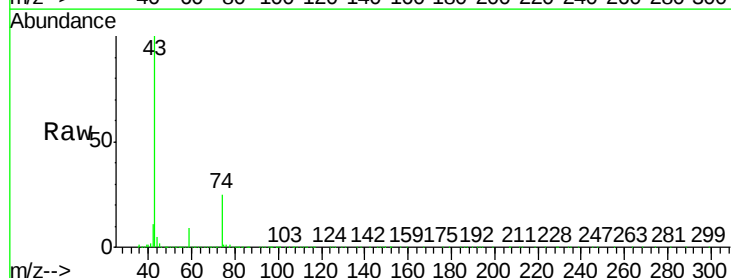
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

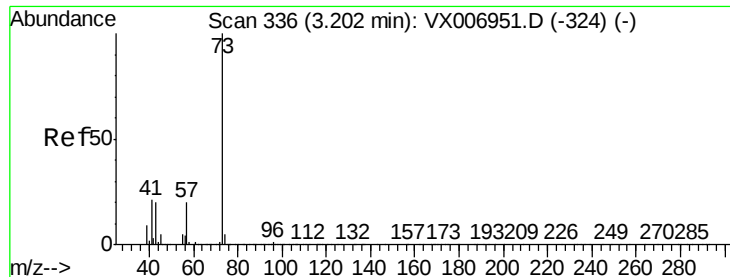
Tot Ion: 76 Resp: 189451
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 20.445 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 43 Resp: 154147
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0



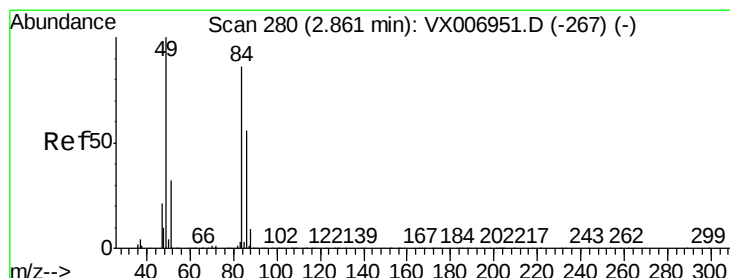
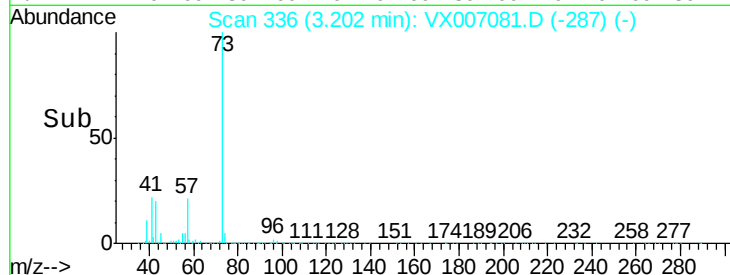
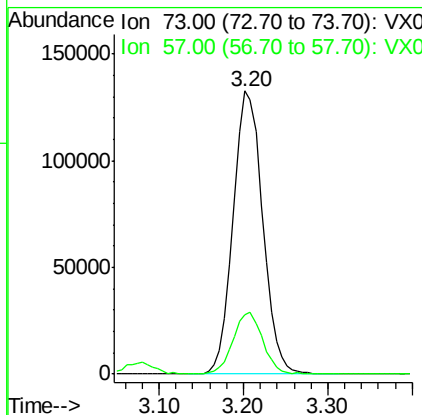
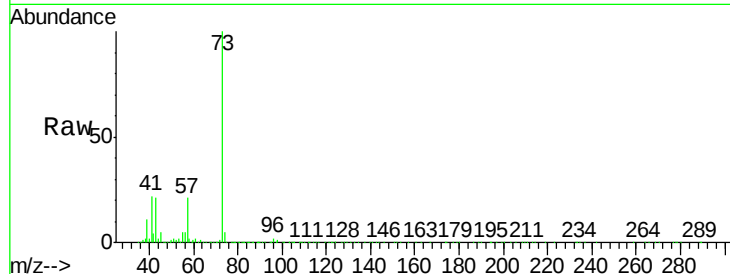


#19

Methyl tert-butyl Ether
 Concen: 19.504 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

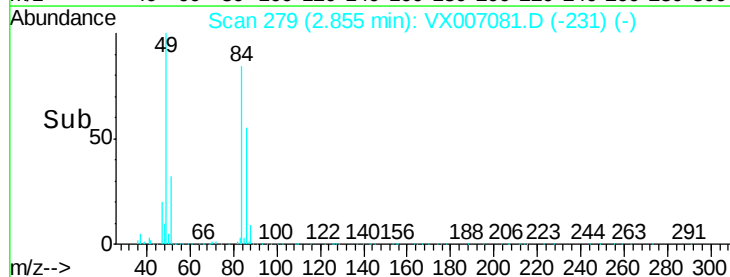
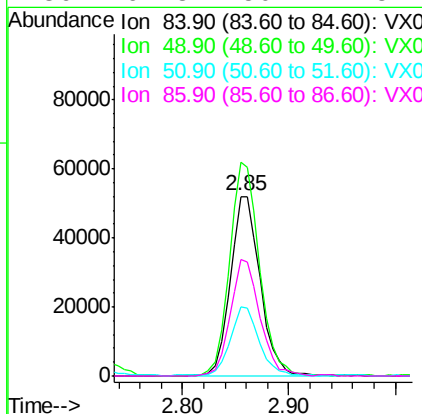
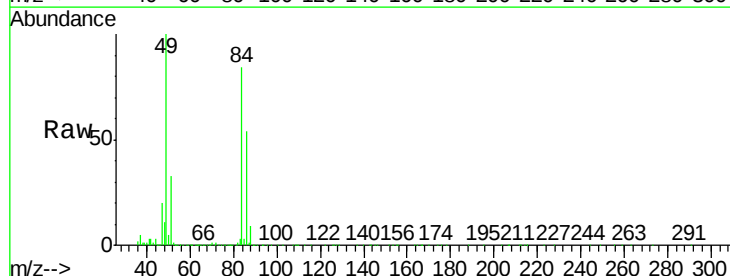
Tot Ion: 73 Resp: 313524
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.8 25.2

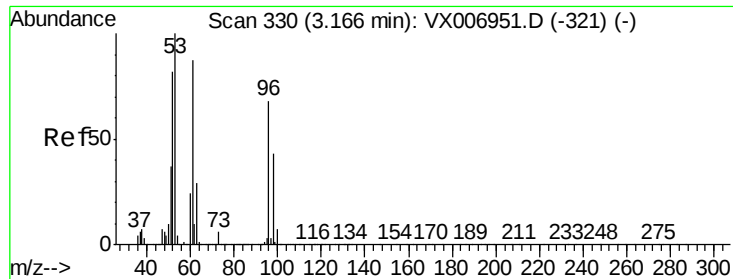


#20

Methylene Chloride
 Concen: 20.273 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion: 84 Resp: 102055
 Ion Ratio Lower Upper
 84 100
 49 118.7 91.8 137.6
 51 38.3 28.5 42.7
 86 64.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.090 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

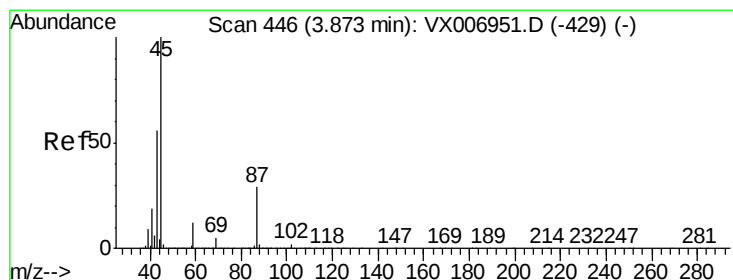
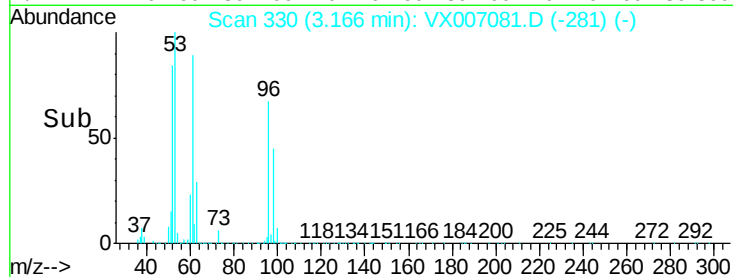
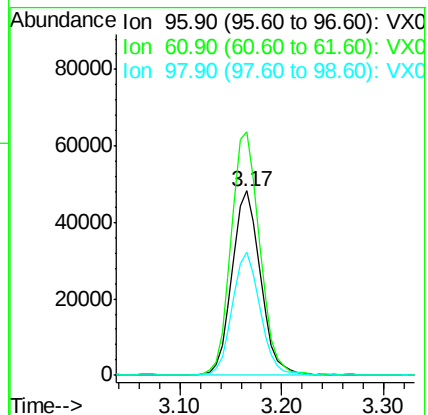
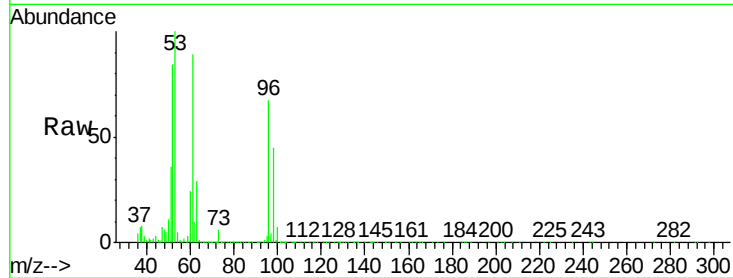
Tot Ion: 96 Resp: 93365

Ion Ratio Lower Upper

96 100

61 131.7 103.7 155.5

98 66.2 51.0 76.6



#22

Diisopropyl ether

Concen: 19.385 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion: 45 Resp: 289257

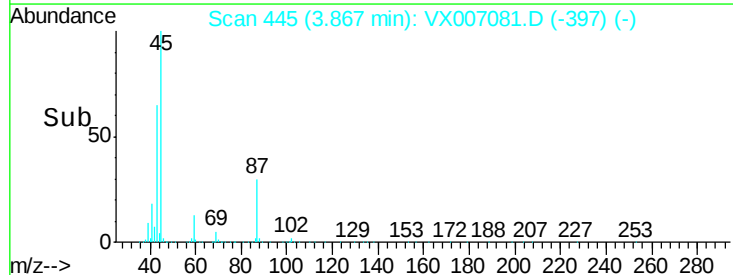
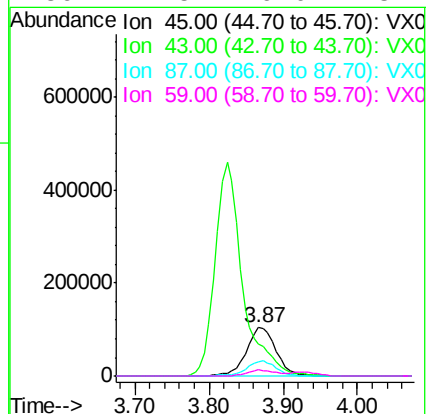
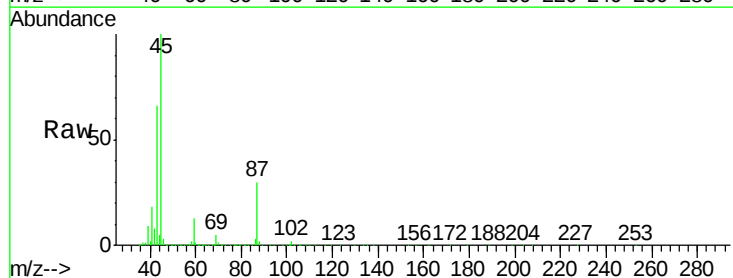
Ion Ratio Lower Upper

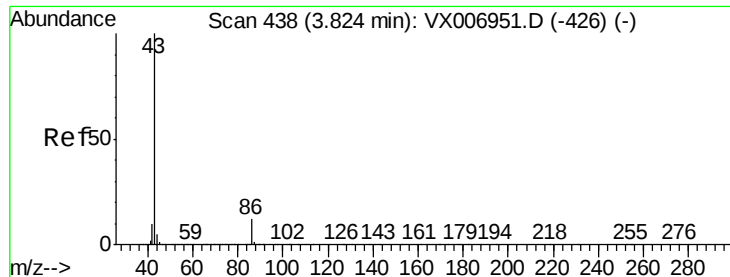
45 100

43 64.9 51.2 76.8

87 29.7 25.8 38.6

59 12.5 9.0 13.4





#23

Vinyl Acetate

Concen: 93.362 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

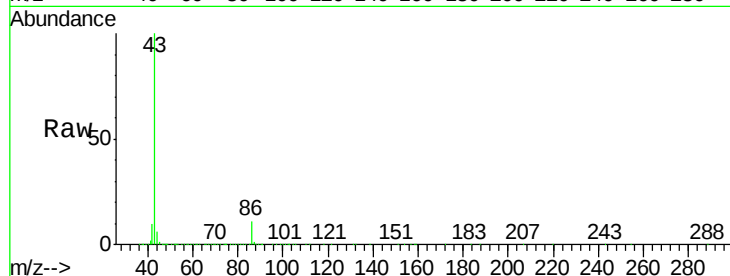
VX0117MBS01

Tot Ion: 43 Resp: 1174844

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

300000

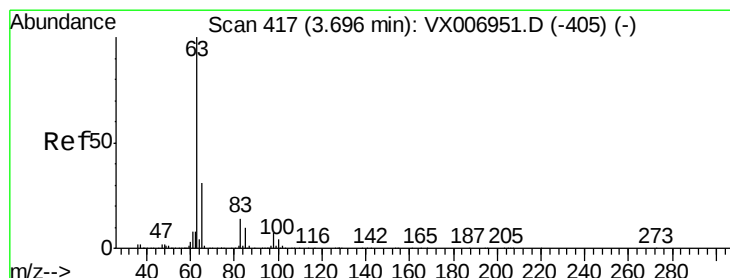
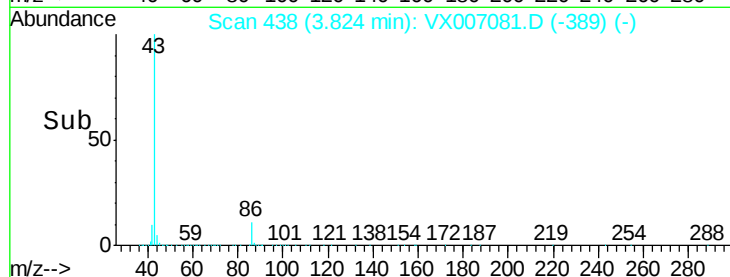
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 19.422 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

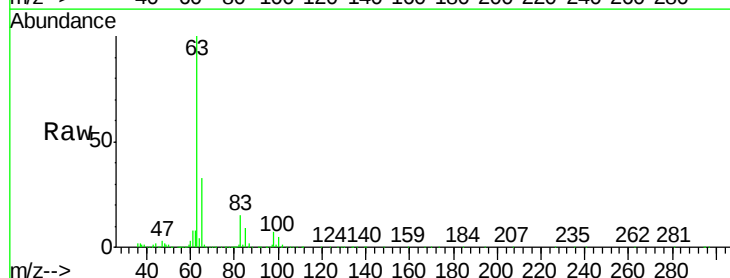
Tgt Ion: 63 Resp: 162051

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

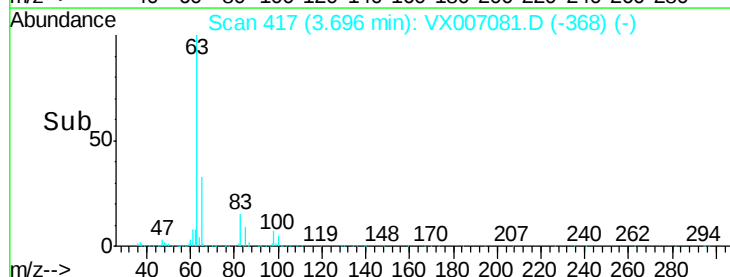
40000

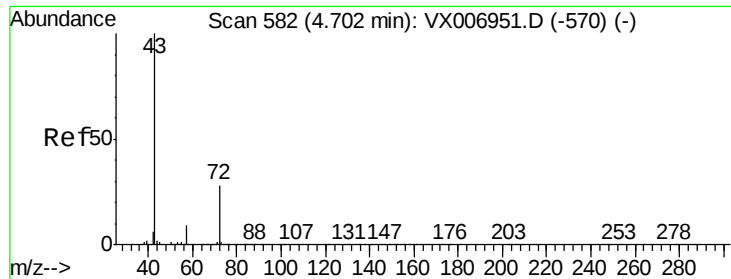
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 99.185 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

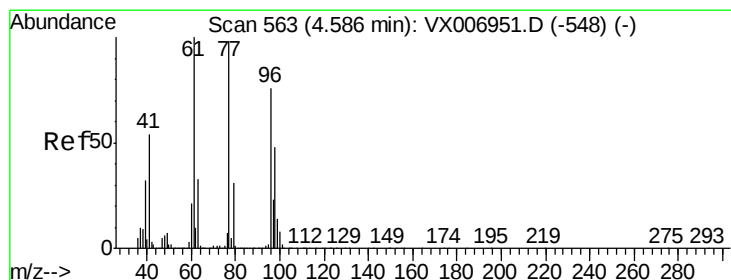
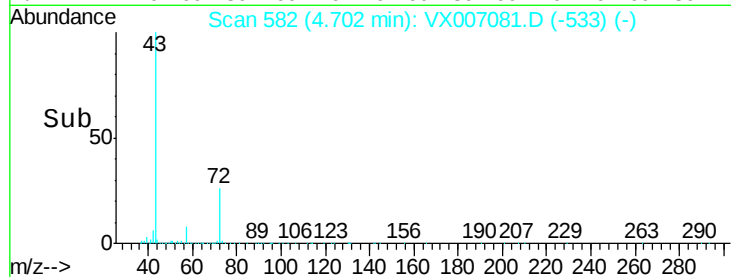
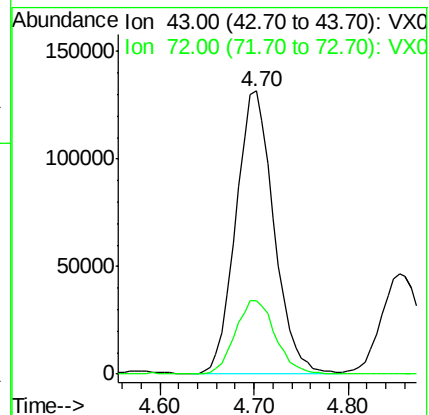
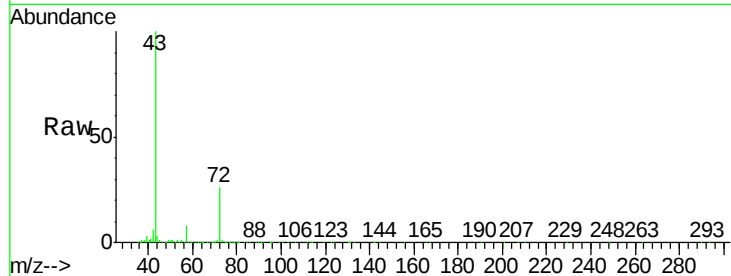
VX0117MBS01

Tot Ion: 43 Resp: 369483

Ion Ratio Lower Upper

43 100

72 26.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.494 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007081.D

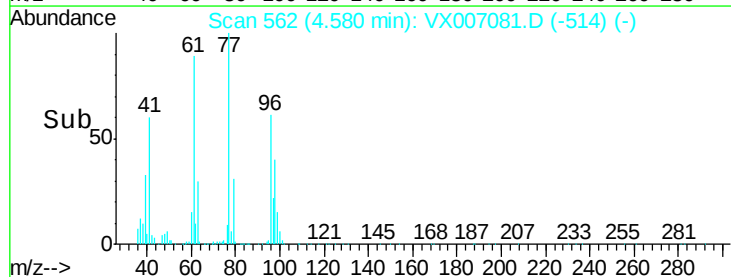
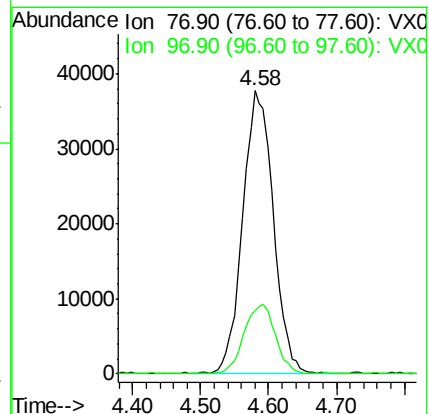
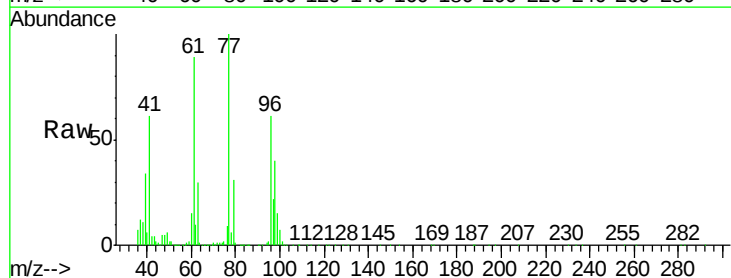
Acq: 17 Jan 2019 11:50

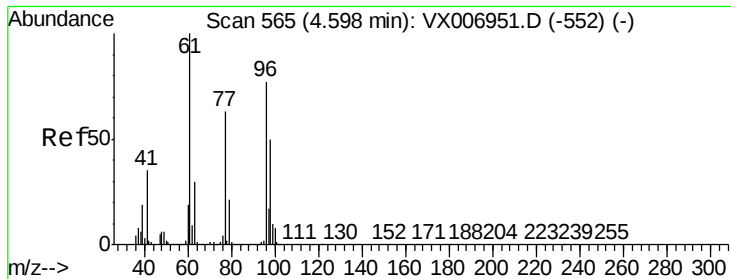
Tgt Ion: 77 Resp: 118657

Ion Ratio Lower Upper

77 100

97 25.1 12.4 37.4



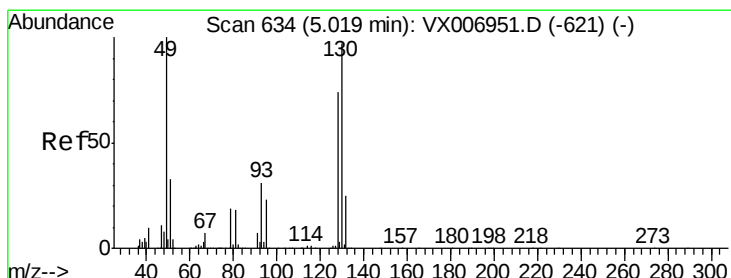
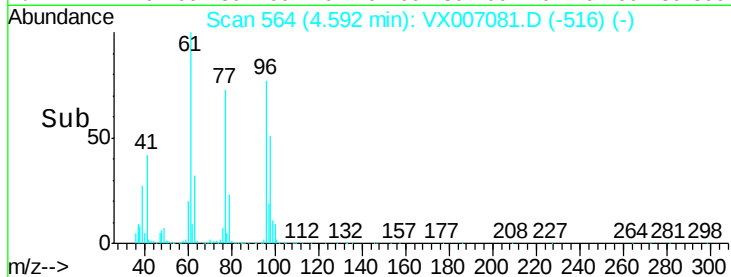
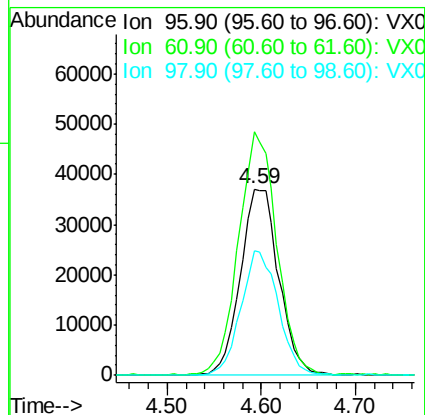
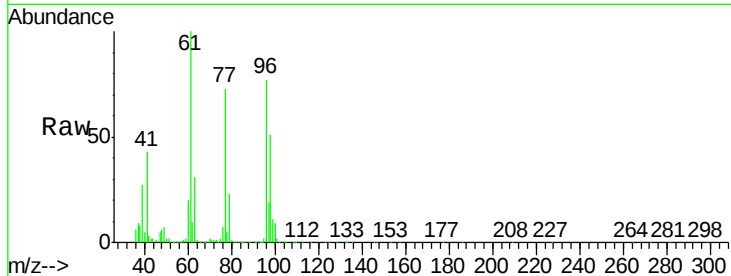


#27

cis-1,2-Dichloroethene
 Concen: 18.597 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

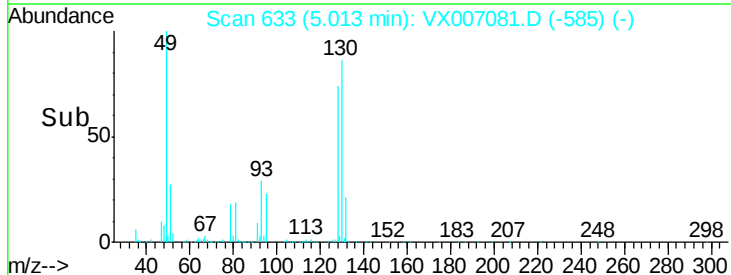
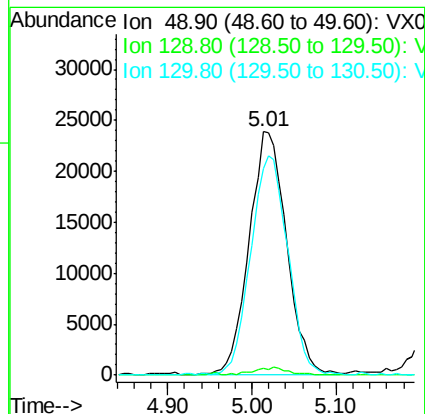
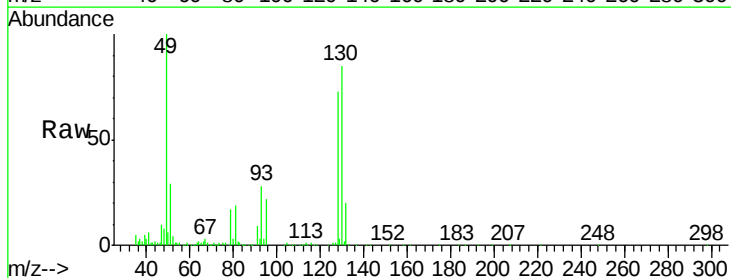
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	258.6
98	65.2	0.0	132.0



#28

Bromochloromethane
 Concen: 19.888 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	89.1	77.7	116.5





#29

Tetrahydrofuran

Concen: 98.866 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0117MBS01

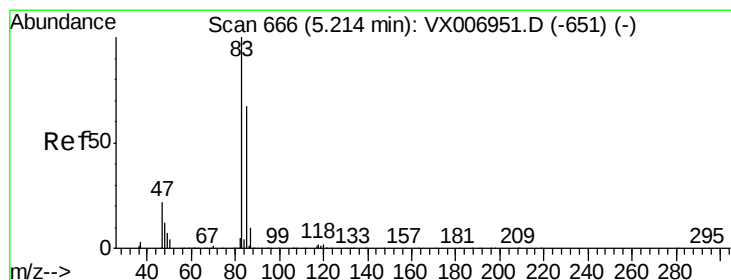
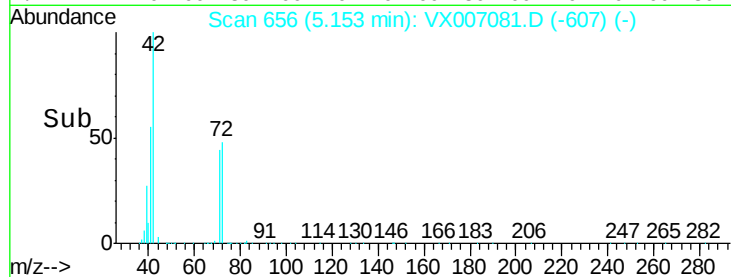
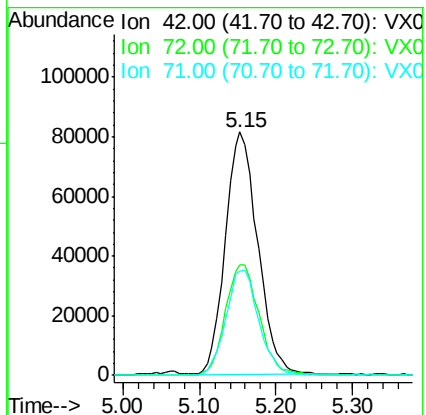
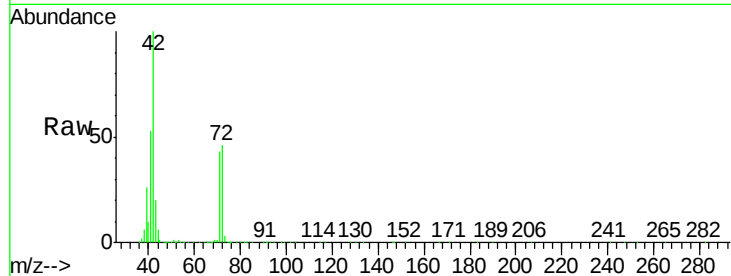
Tot Ion: 42 Resp: 239346

Ion Ratio Lower Upper

42 100

72 47.6 38.9 58.3

71 43.5 36.2 54.4



#30

Chloroform

Concen: 19.709 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007081.D

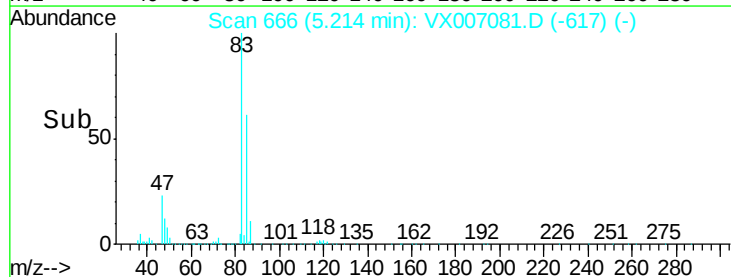
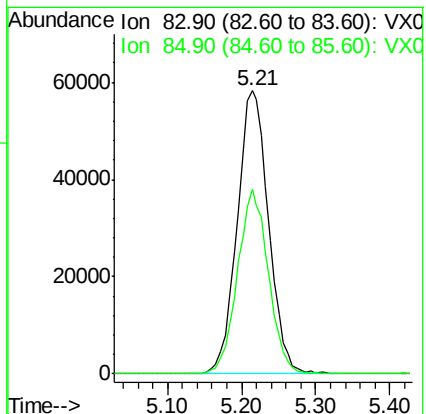
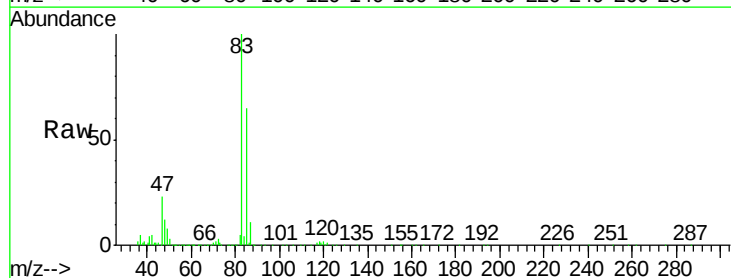
Acq: 17 Jan 2019 11:50

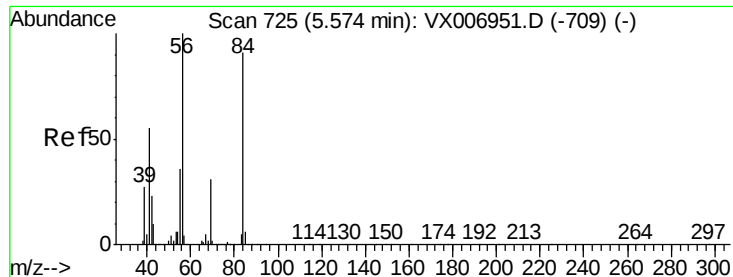
Tgt Ion: 83 Resp: 172174

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

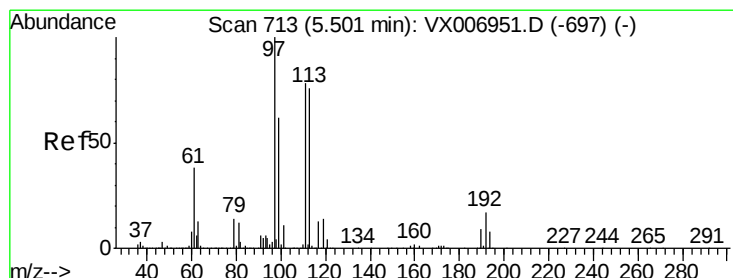
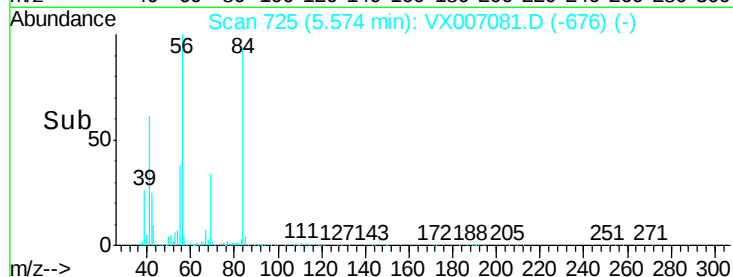
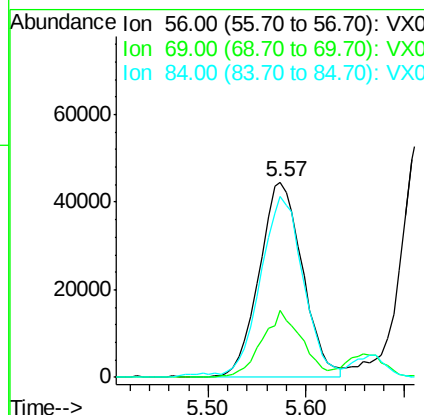
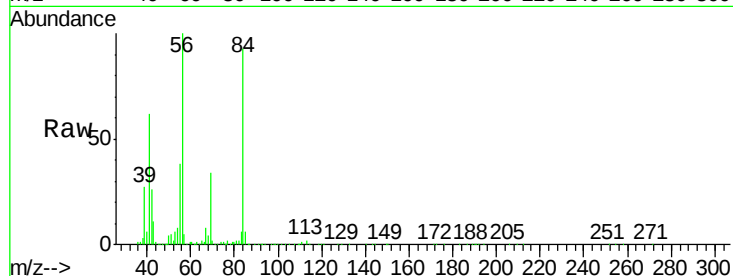




#31
Cyclohexane
Concen: 18.544 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

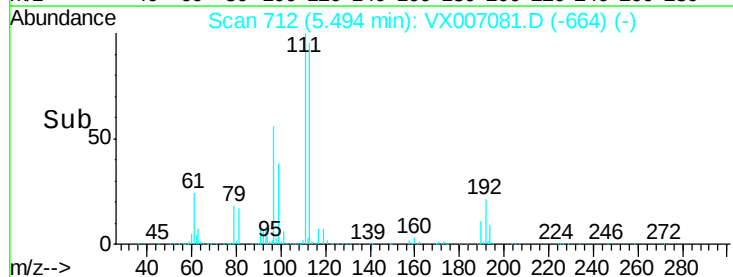
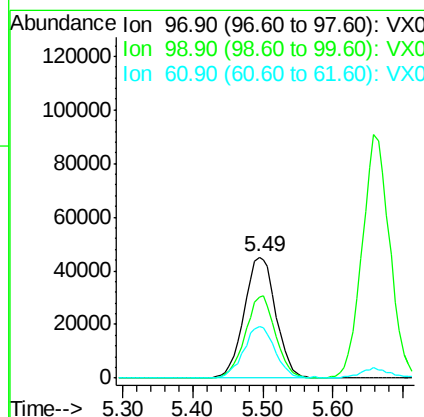
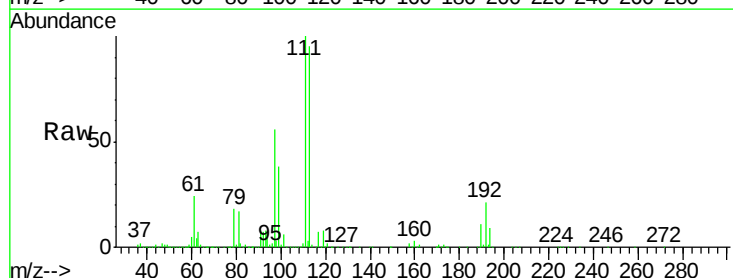
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

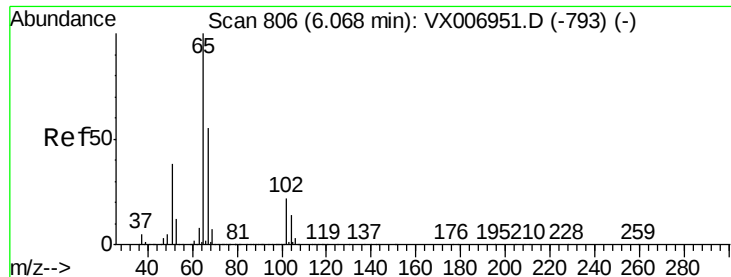
Tot Ion: 56 Resp: 137710
Ion Ratio Lower Upper
56 100
69 34.1 24.4 36.6
84 91.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.167 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 97 Resp: 141926
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 41.5 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.179 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

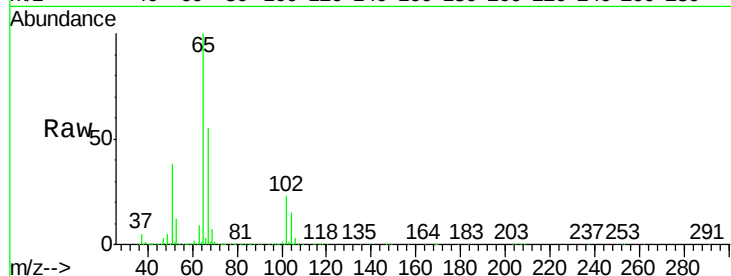
VX0117MBS01

Tot Ion: 65 Resp: 269520

Ion Ratio Lower Upper

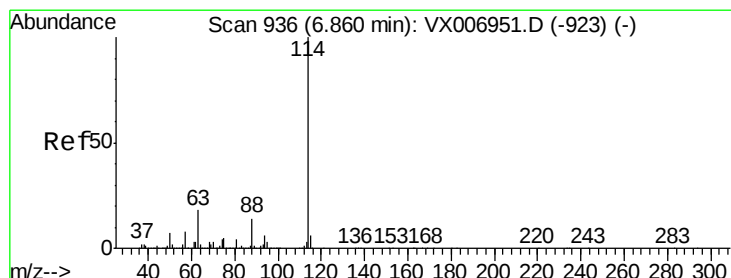
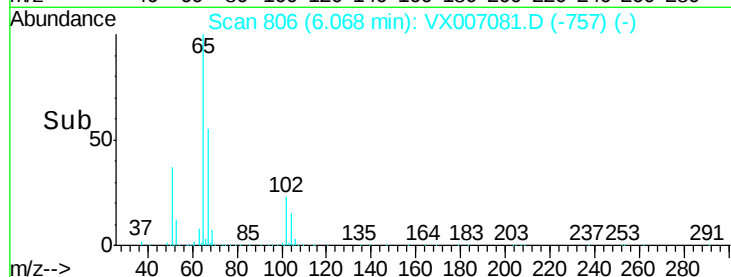
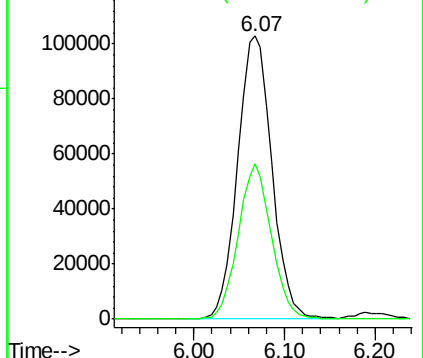
65 100

67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

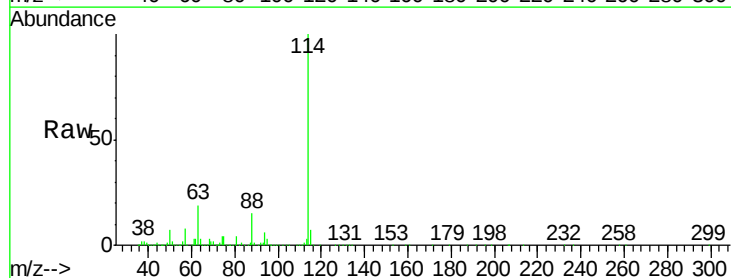
Tgt Ion: 114 Resp: 749018

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

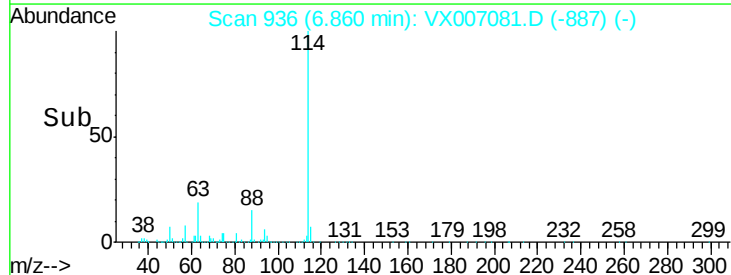
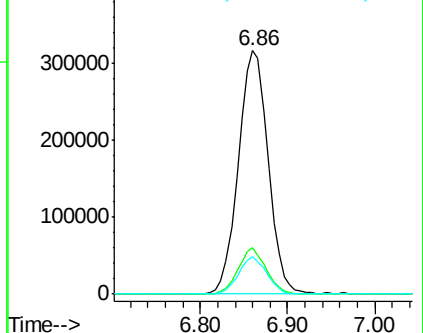
88 15.2 0.0 28.8

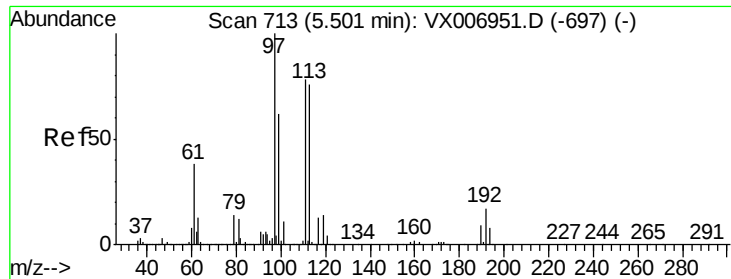


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.116 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

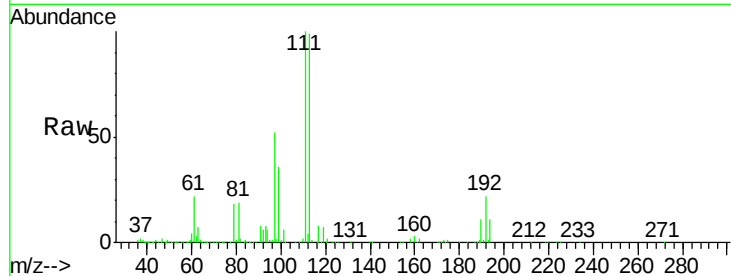
Tot Ion:113 Resp: 240388

Ion Ratio Lower Upper

113 100

111 103.8 81.6 122.4

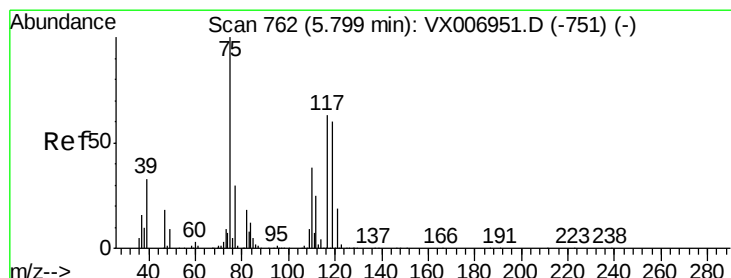
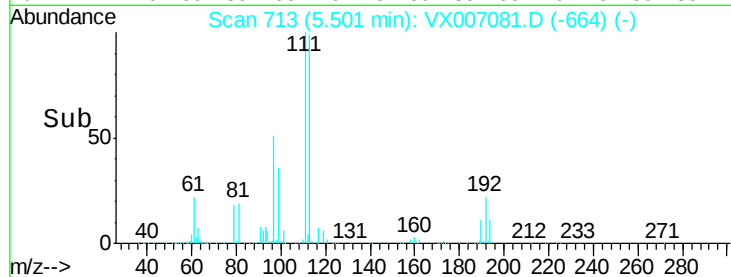
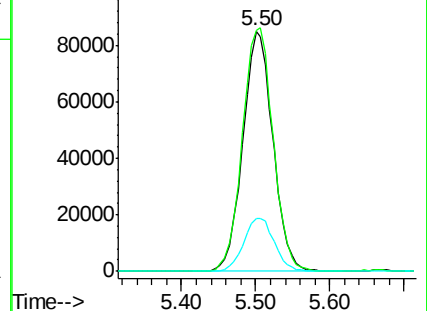
192 22.6 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.317 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

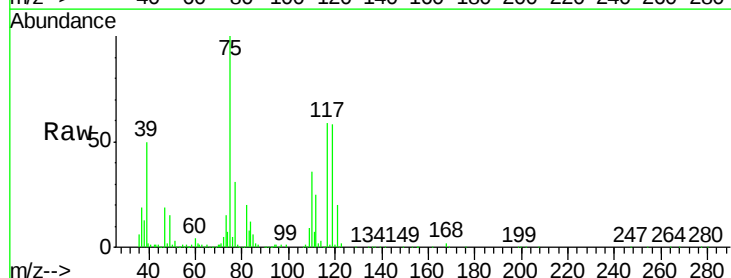
Tgt Ion: 75 Resp: 119280

Ion Ratio Lower Upper

75 100

110 40.1 20.2 60.5

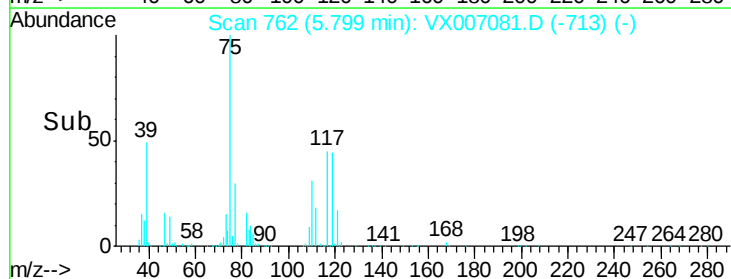
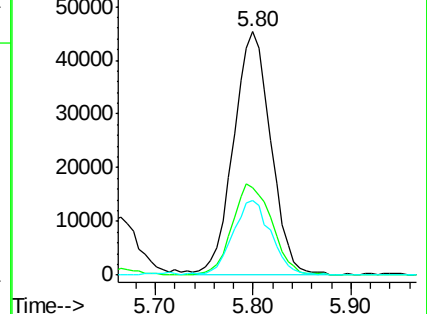
77 31.1 24.8 37.2

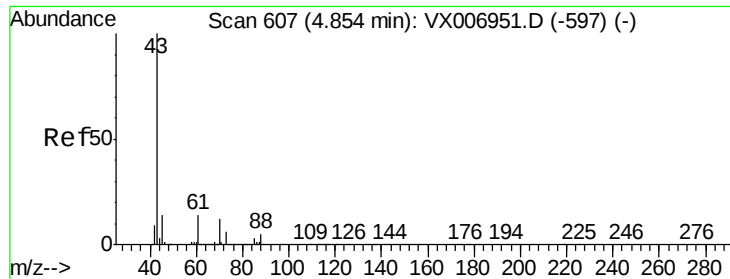


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

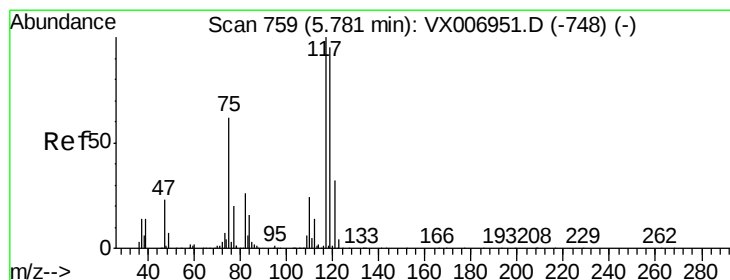
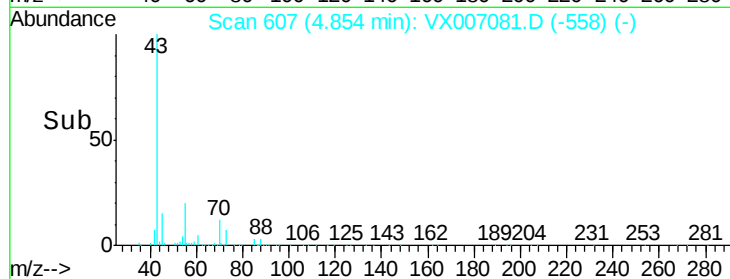
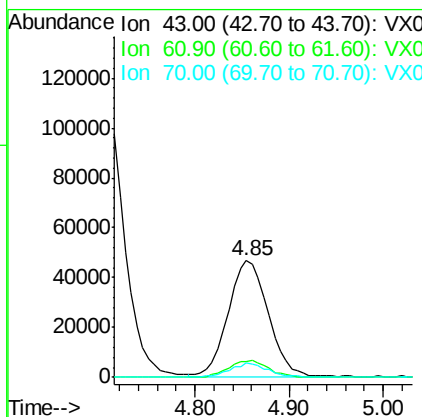
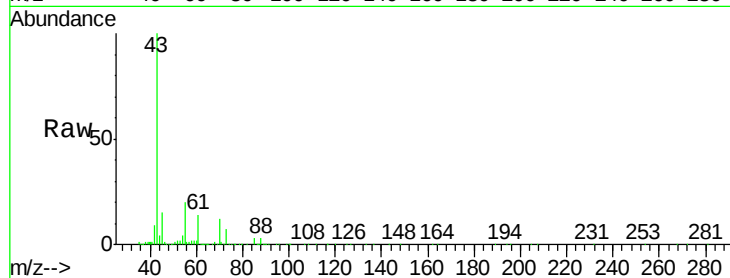




#37
Ethyl Acetate
Concen: 19.597 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

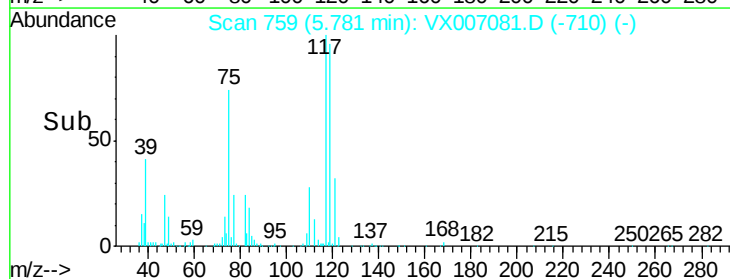
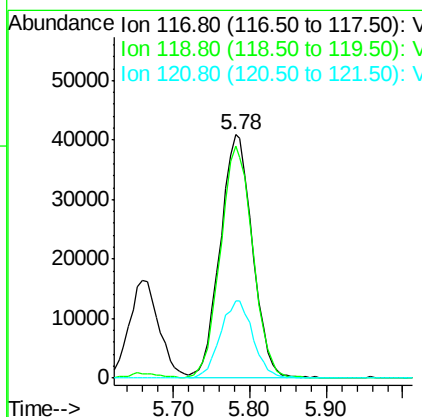
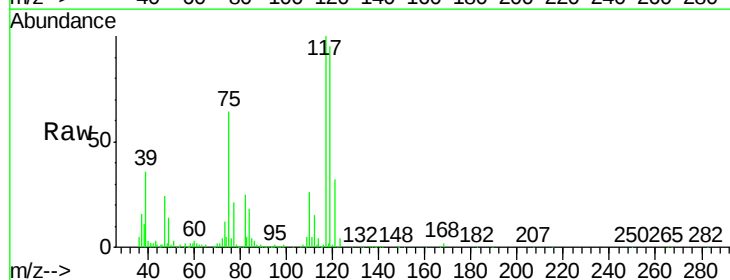
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

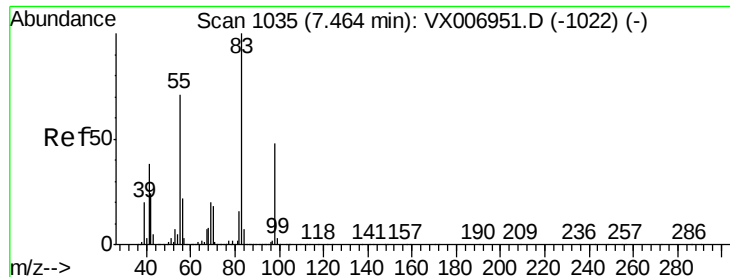
Tot Ion: 43 Resp: 136819
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.7 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.252 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 117 Resp: 119589
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.2
121 31.8 24.0 36.0

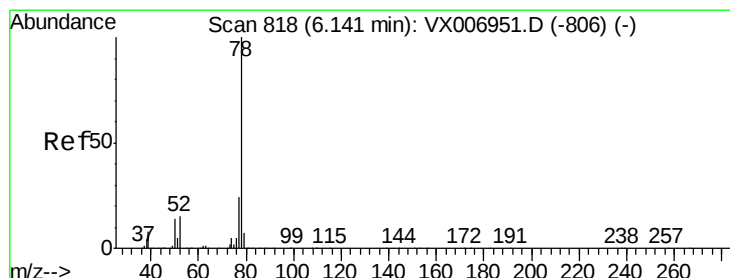
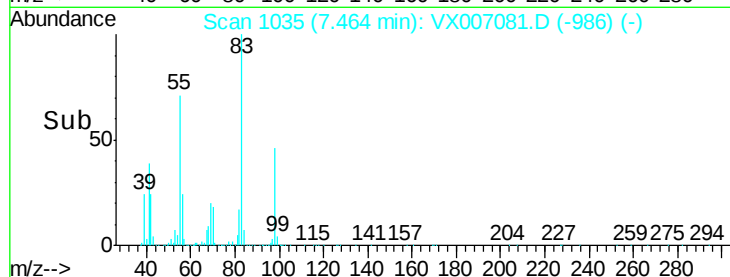
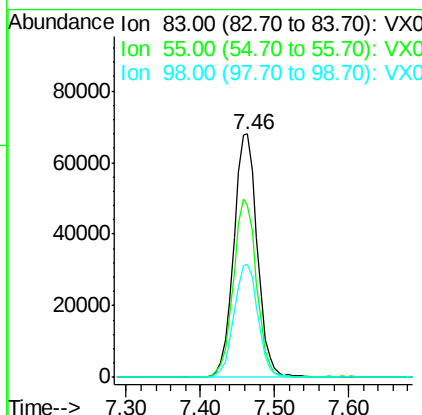
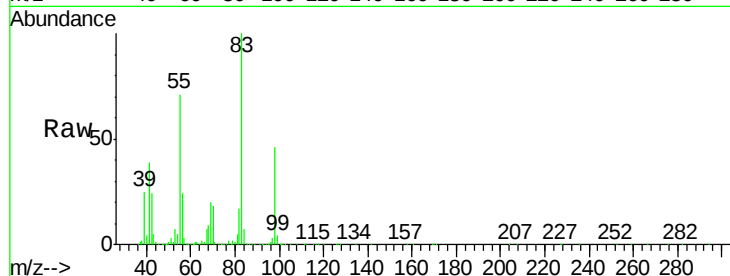




#39
Methvlcvclohexane
Concen: 18.157 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

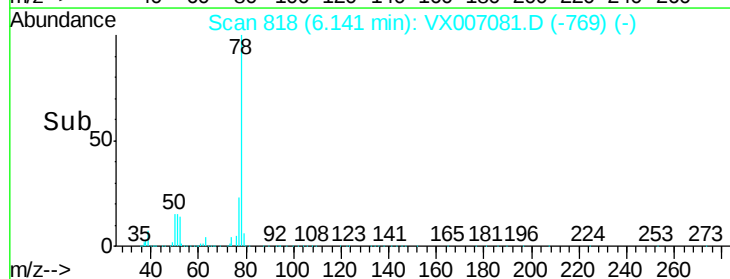
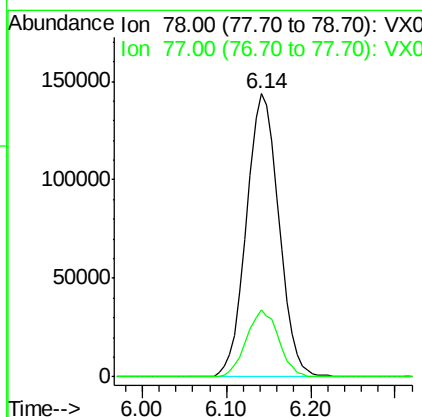
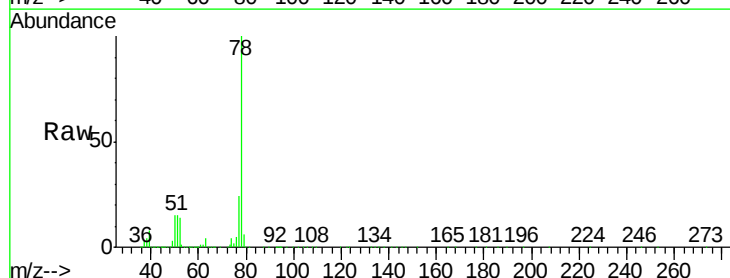
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

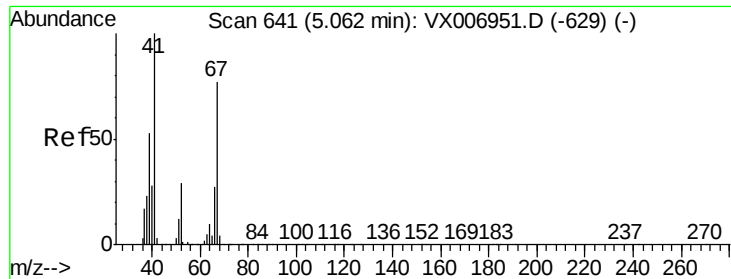
Tot Ion	83	Resp	150737
Ion Ratio	Lower	Upper	
83	100		
55	70.9	54.9	82.3
98	46.3	37.9	56.9



#40
Benzene
Concen: 18.896 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	78	Resp	375461
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.2	28.8

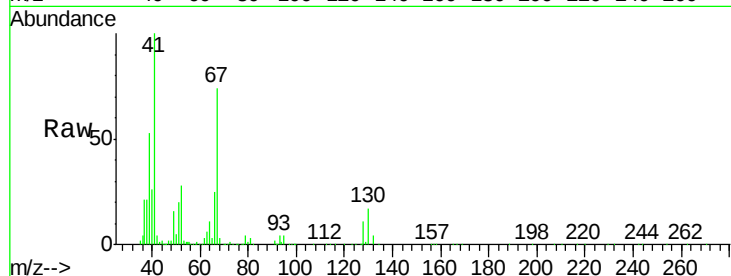




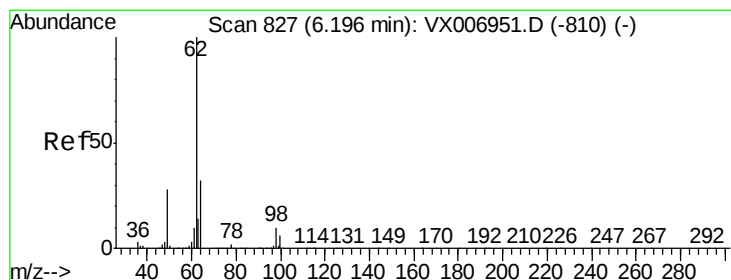
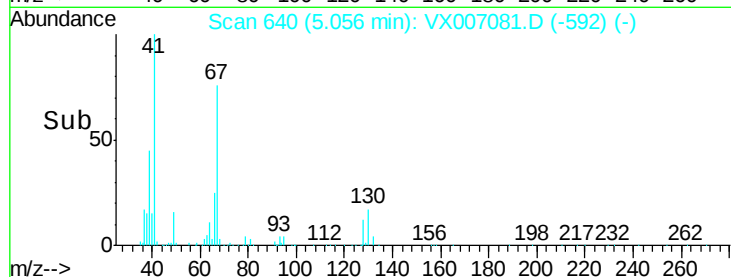
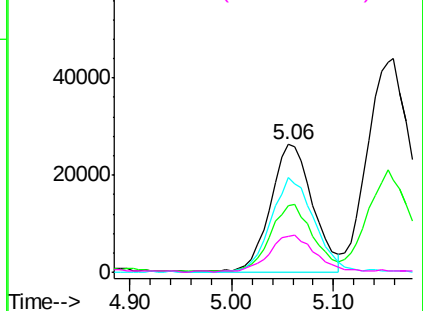
#41
Methacrylonitrile
Concen: 18.922 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion:	41	Resp:	76104
Ion	Ratio	Lower	Upper
41	100		
39	51.0	42.8	64.2
67	75.4	62.1	93.1
52	29.9	23.4	35.0

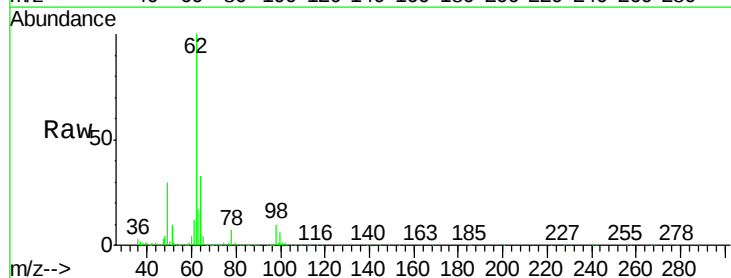


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

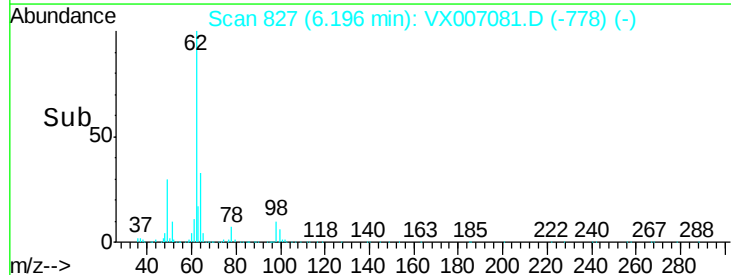
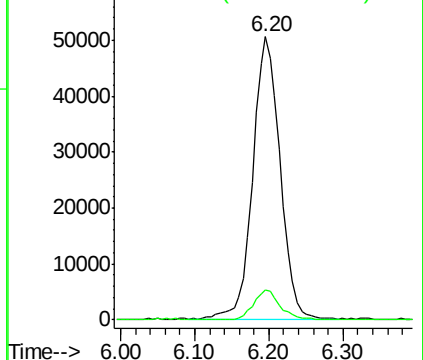


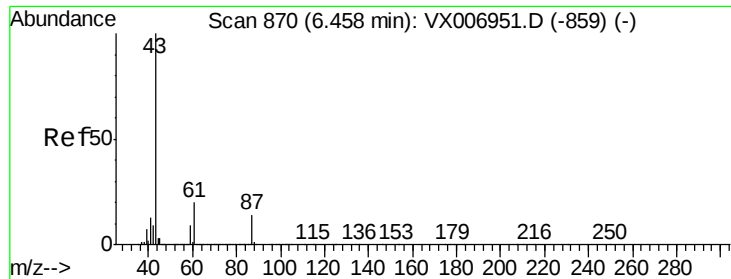
#42
1,2-Dichloroethane
Concen: 18.879 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion:	62	Resp:	129632
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



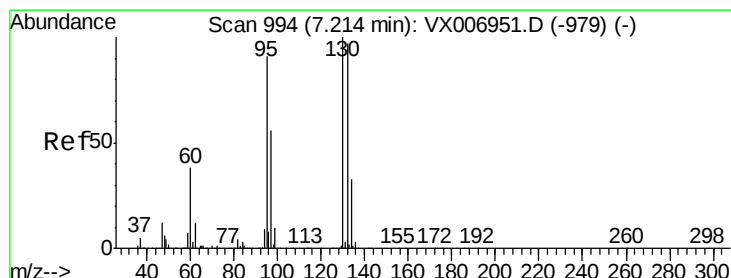
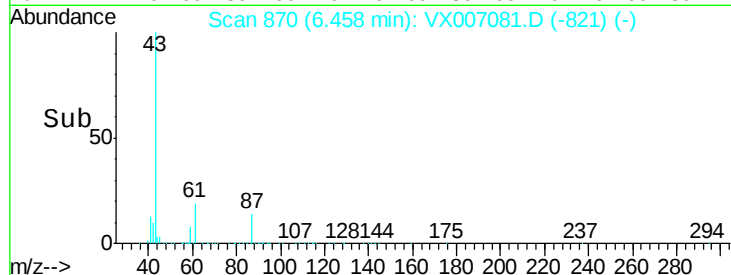
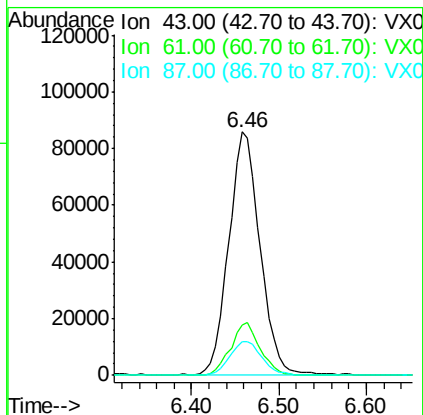
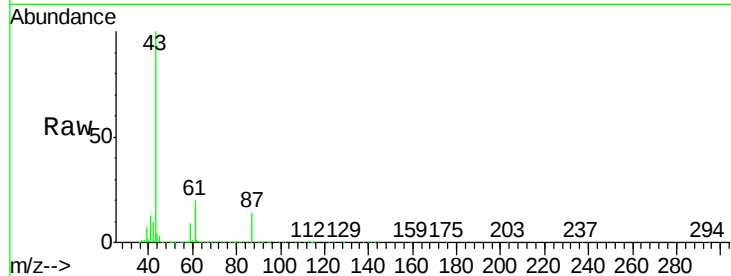


#43

Isopropyl Acetate
 Concen: 19.345 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

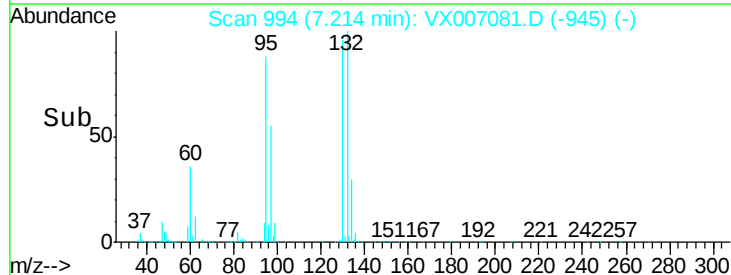
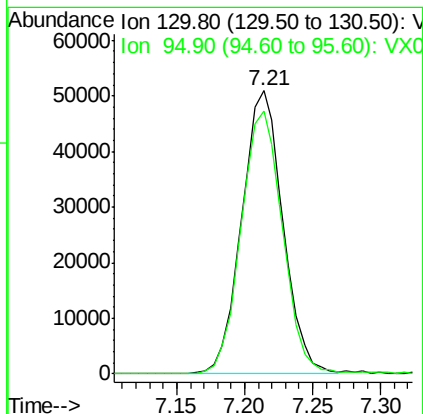
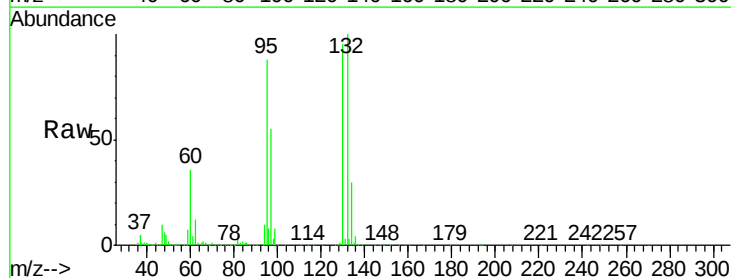
Tot Ion	43	Resp	213031
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.8	25.2
87	14.4	12.4	18.6

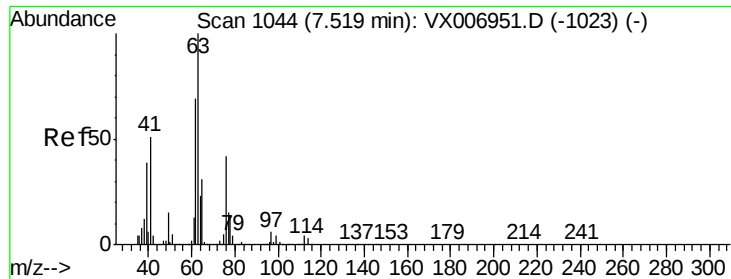


#44

Trichloroethene
 Concen: 18.119 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	130	Resp	107886
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.084 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

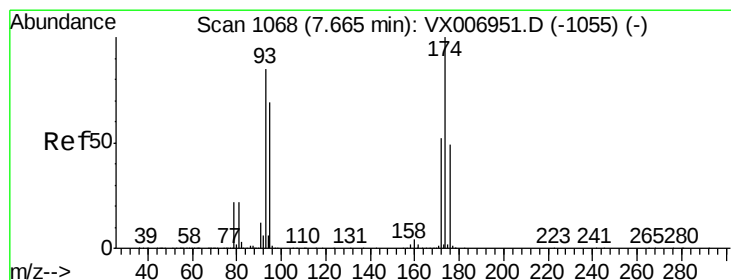
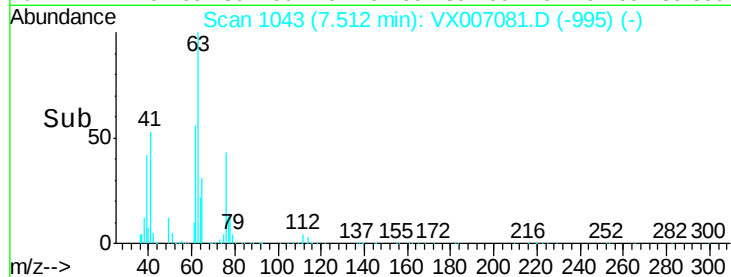
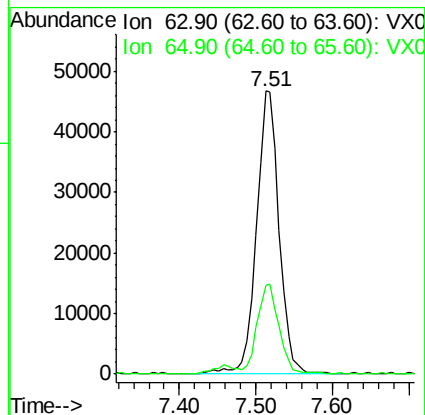
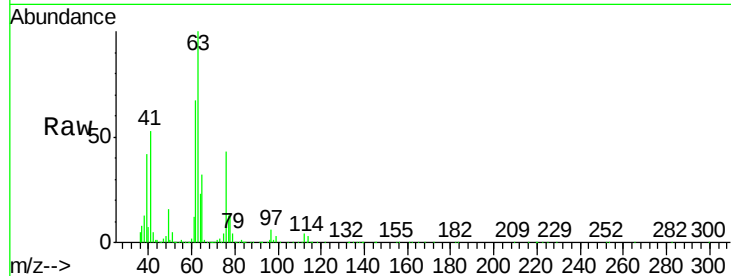
VX0117MBS01

Tot Ion: 63 Resp: 95334

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.0



#46

Dibromomethane

Concen: 19.002 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

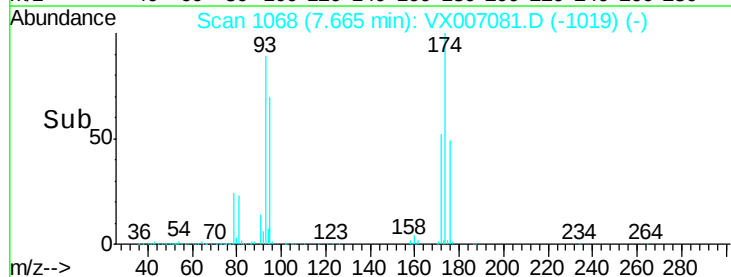
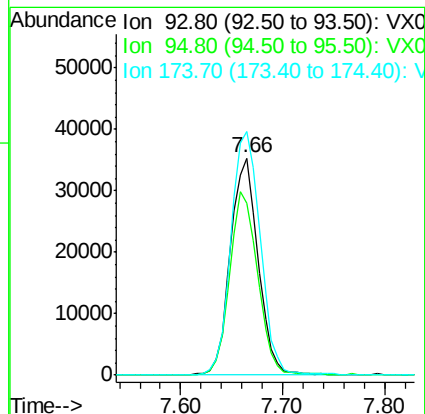
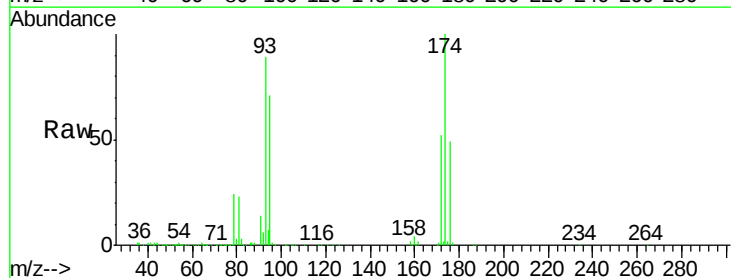
Tgt Ion: 93 Resp: 66713

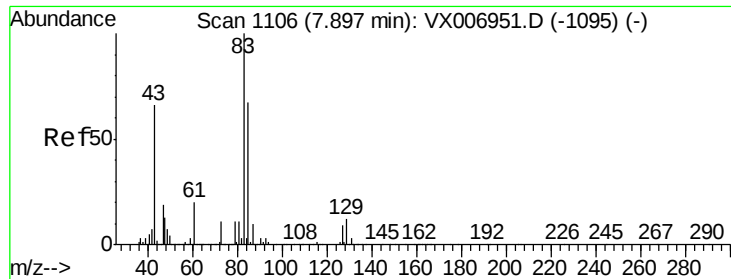
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 118.1 91.0 136.4





#47

Bromodichloromethane

Concen: 19.100 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

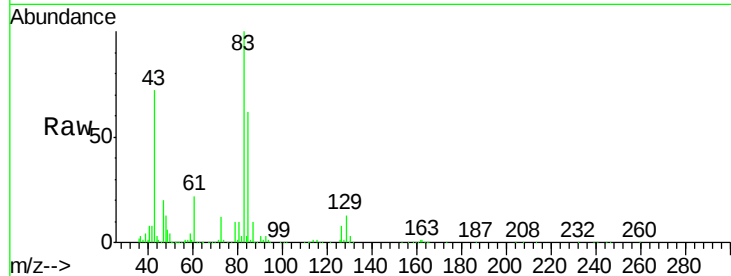
Tot Ion: 83 Resp: 114141

Ion Ratio Lower Upper

83 100

85 62.0 53.2 79.8

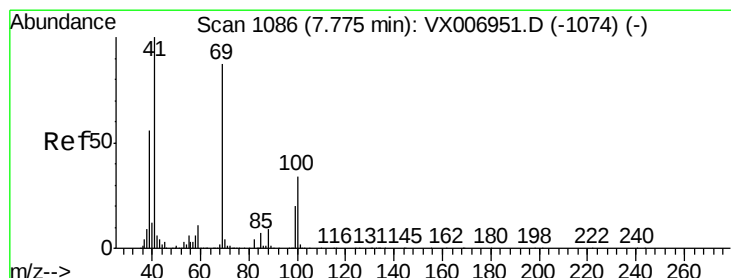
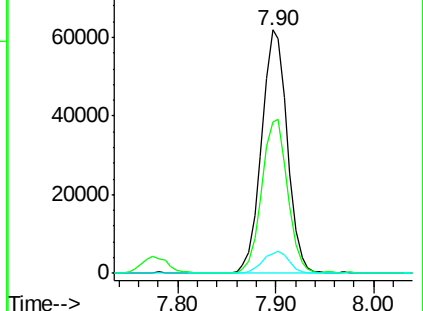
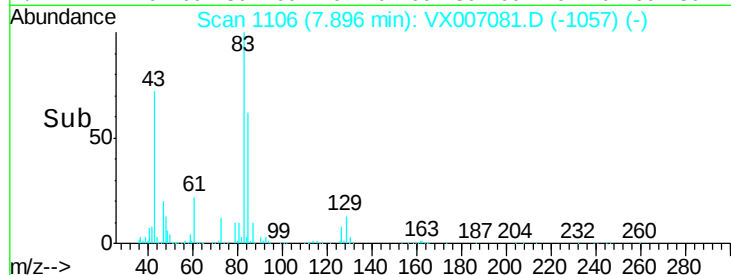
127 8.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.110 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

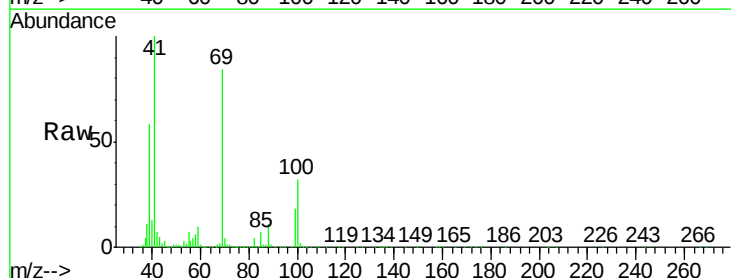
Tgt Ion: 41 Resp: 108072

Ion Ratio Lower Upper

41 100

69 87.6 72.4 108.6

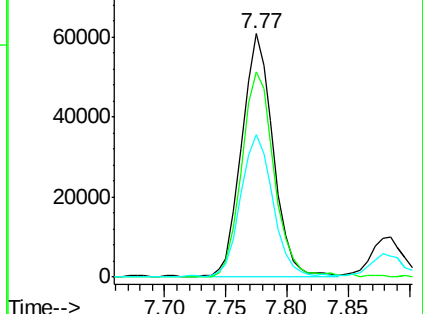
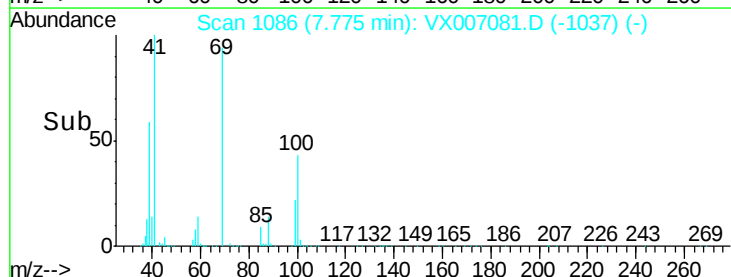
39 59.5 45.8 68.8

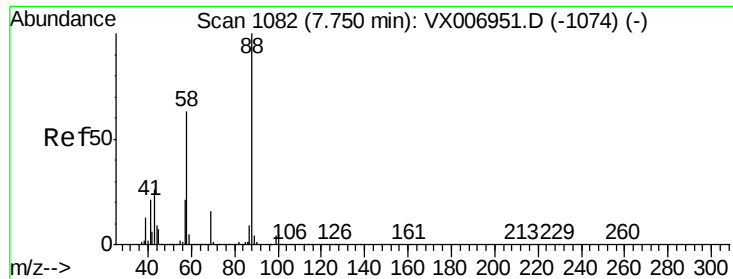


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

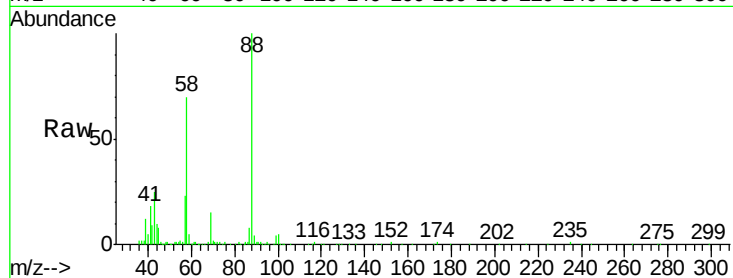




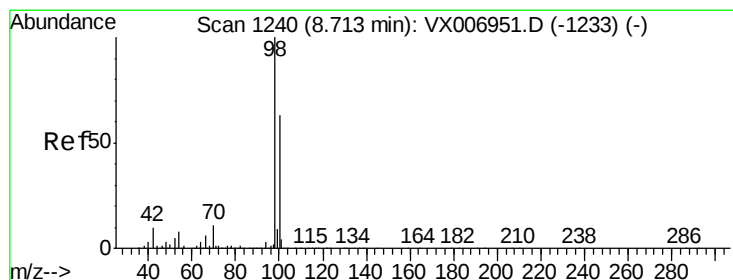
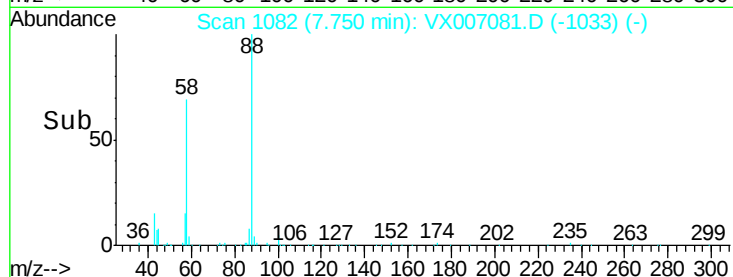
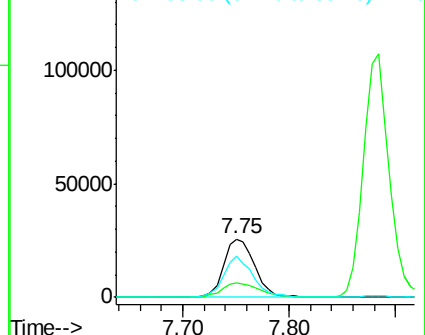
#49
1,4-Dioxane
Concen: 402.742 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0117MBS01

Tot Ion: 88 Resp: 52676
Ion Ratio Lower Upper
88 100
43 29.7 22.2 33.4
58 65.2 51.0 76.4

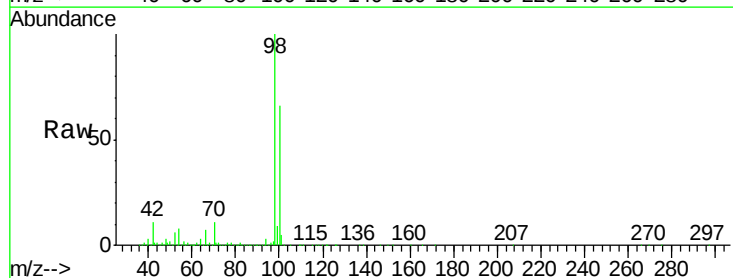


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

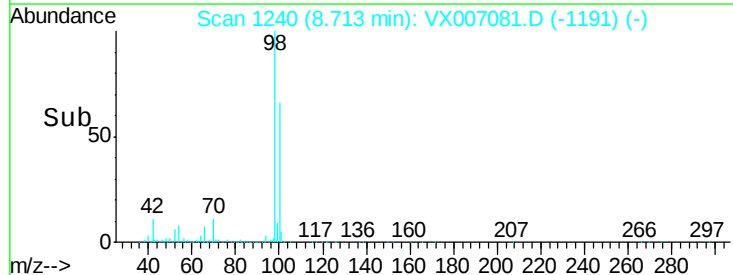
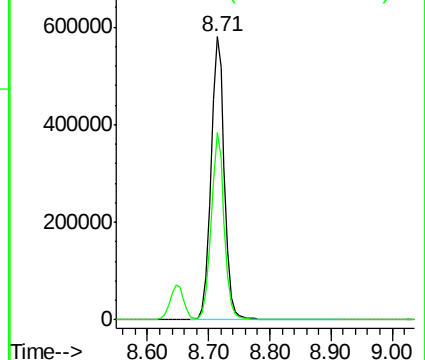


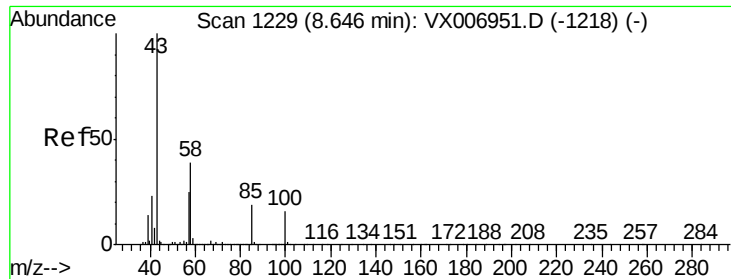
#50
Toluene-d8
Concen: 51.137 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 98 Resp: 897819
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



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

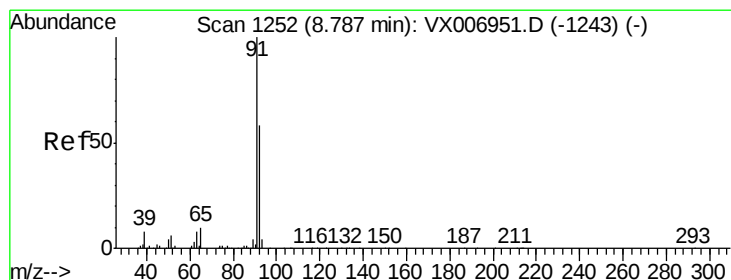
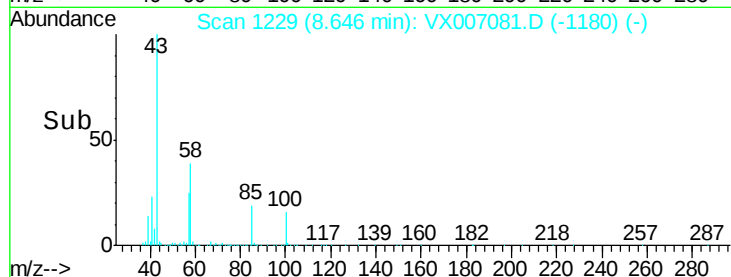
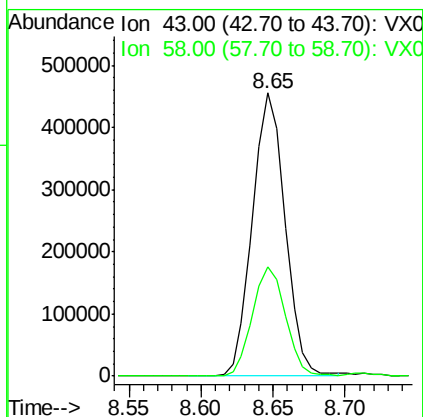
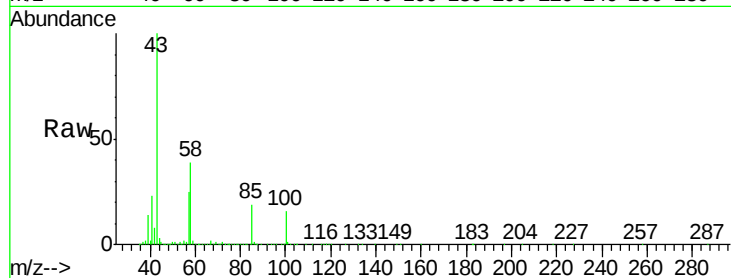




#51
 4-Methyl-2-Pentanone
 Concen: 101.019 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

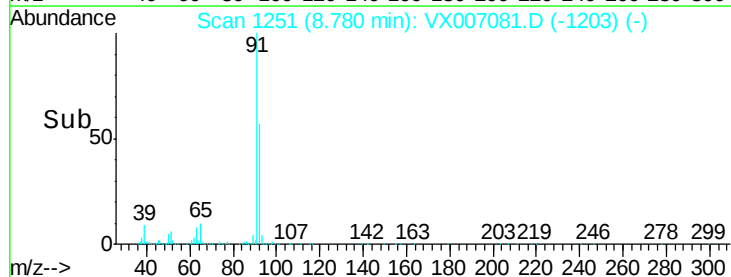
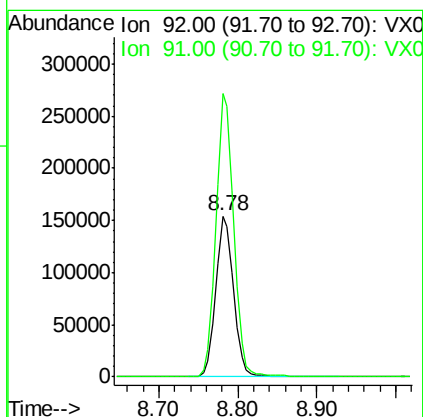
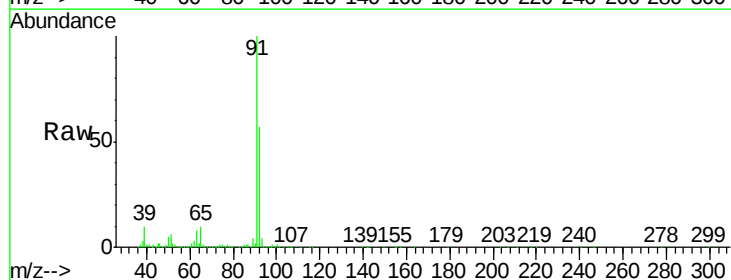
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

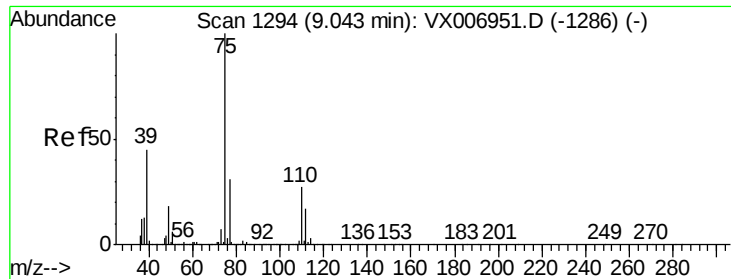
Tot Ion: 43 Resp: 714938
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.8 47.6



#52
 Toluene
 Concen: 18.975 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion: 92 Resp: 242341
 Ion Ratio Lower Upper
 92 100
 91 176.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.307 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

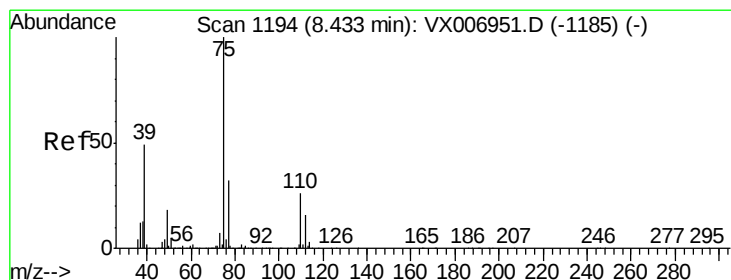
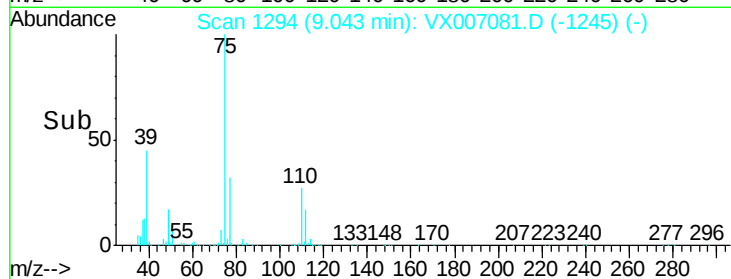
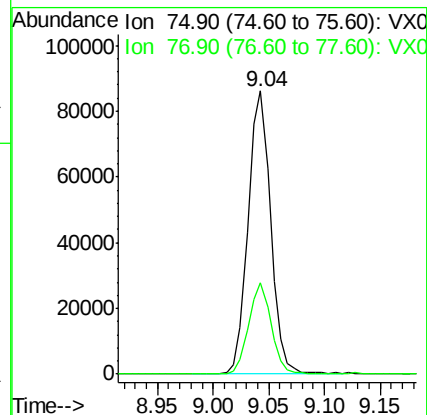
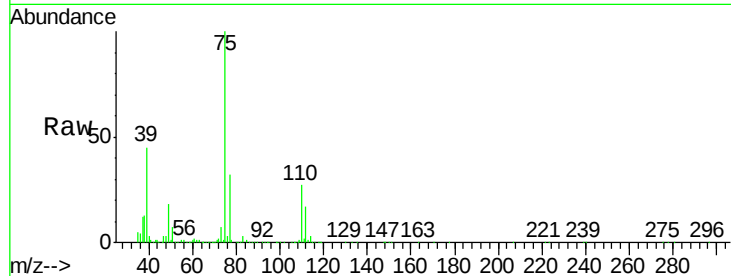
VX0117MBS01

Tot Ion: 75 Resp: 121315

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.402 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

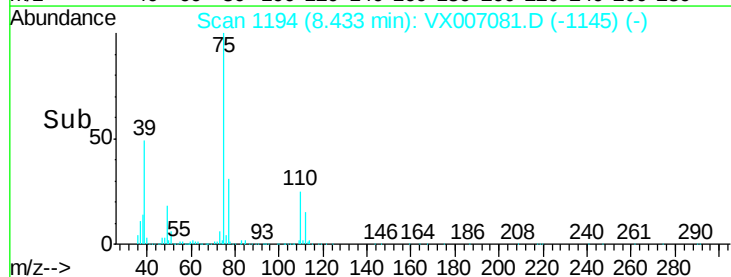
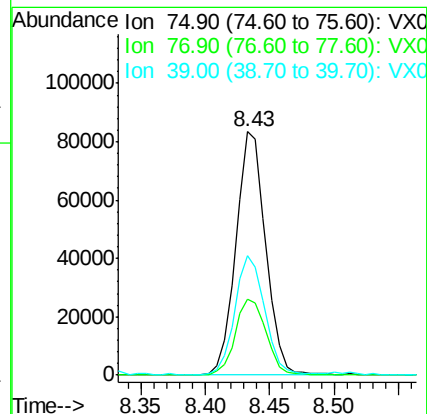
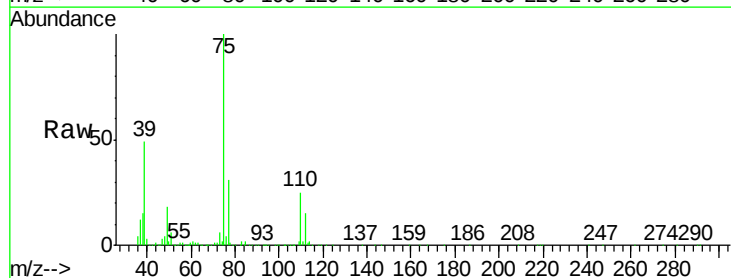
Tgt Ion: 75 Resp: 134666

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

39 48.6 36.7 55.1

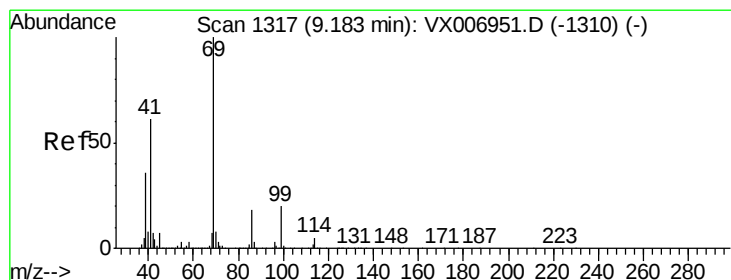
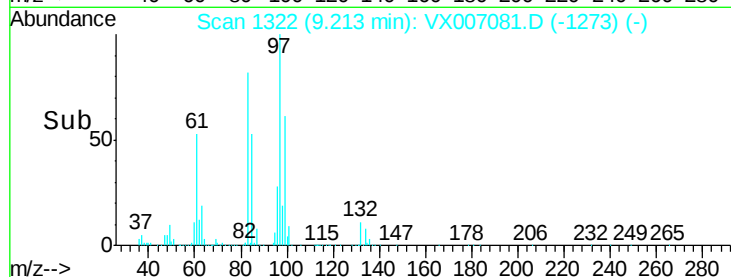
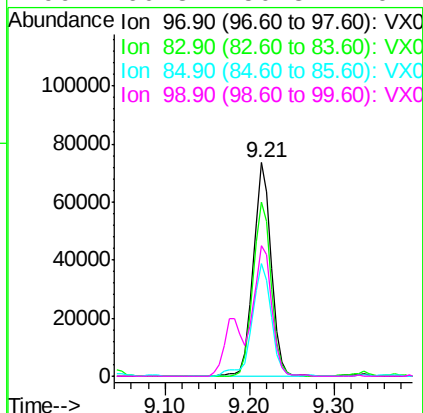
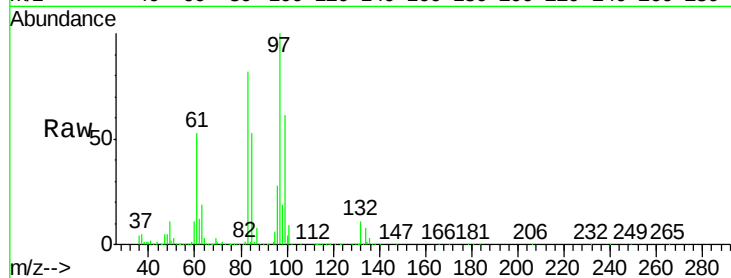




#55
 1,1,2-Trichloroethane
 Concen: 20.557 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

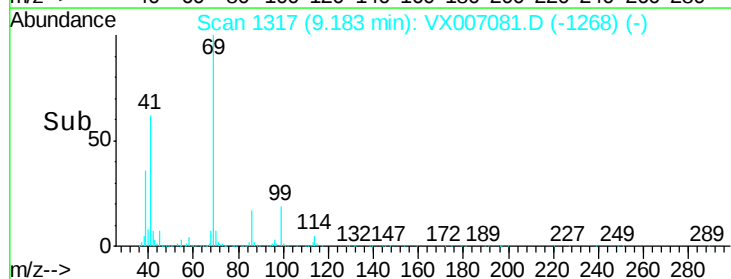
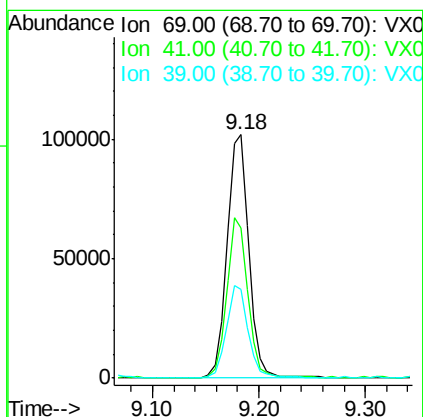
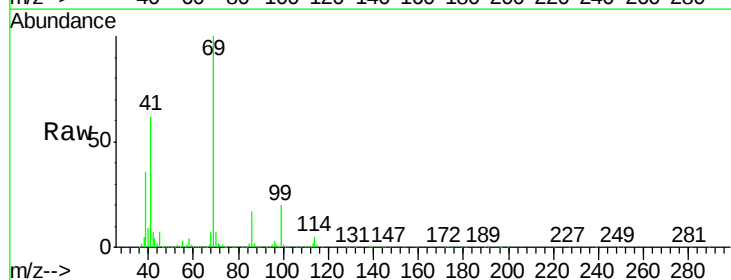
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

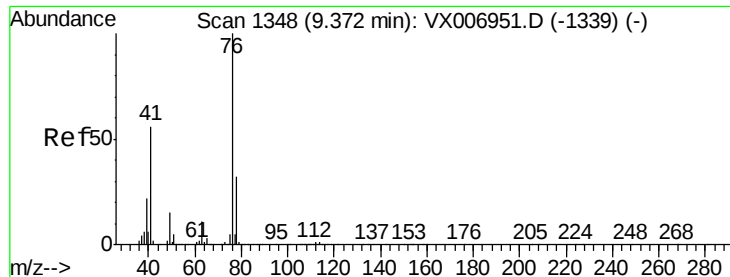
Tot Ion:	97	Resp:	105088
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.6	99.8
85	52.8	42.7	64.1
99	60.8	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 19.606 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion:	69	Resp:	146316
Ion	Ratio	Lower	Upper
69	100		
41	63.6	48.7	73.1
39	37.3	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.787 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

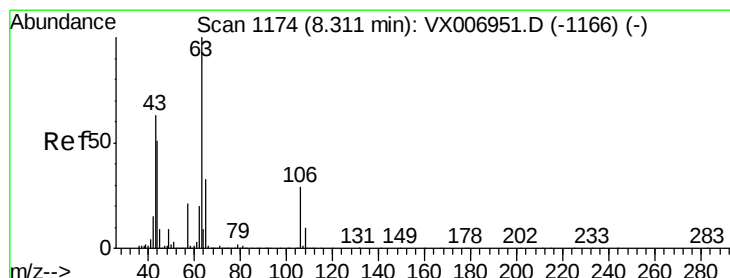
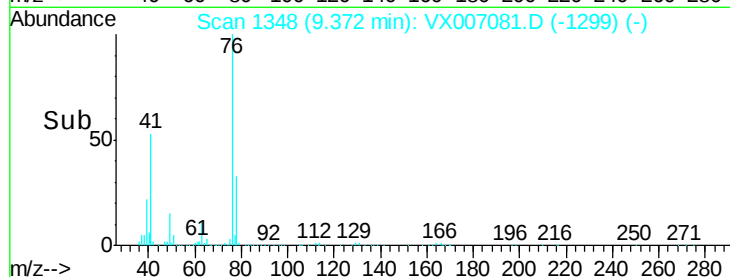
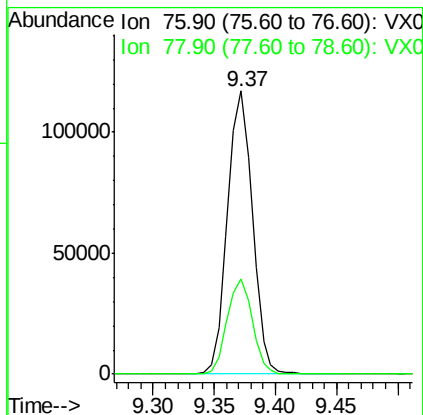
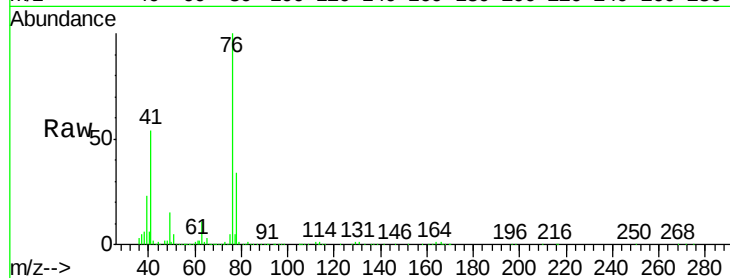
VX0117MBS01

Tot Ion: 76 Resp: 165708

Ion Ratio Lower Upper

76 100

78 34.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 99.563 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007081.D

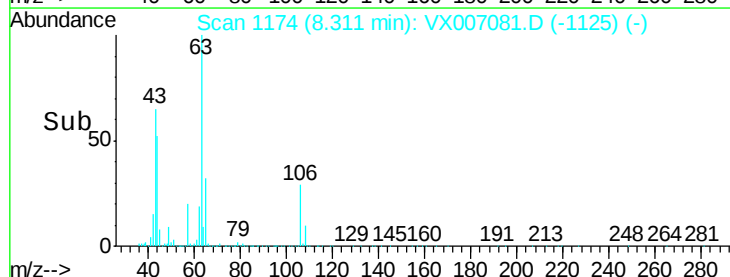
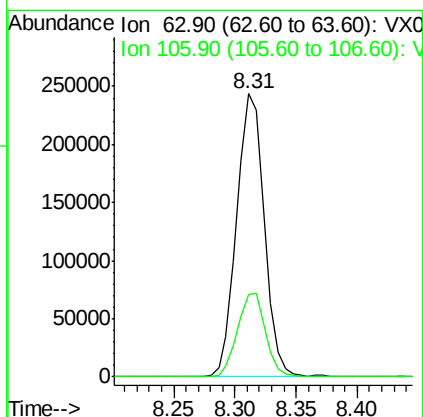
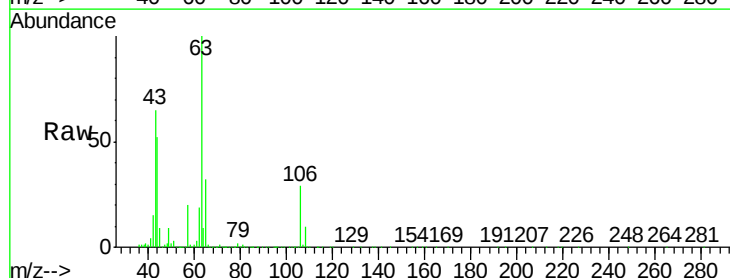
Acq: 17 Jan 2019 11:50

Tgt Ion: 63 Resp: 382025

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8

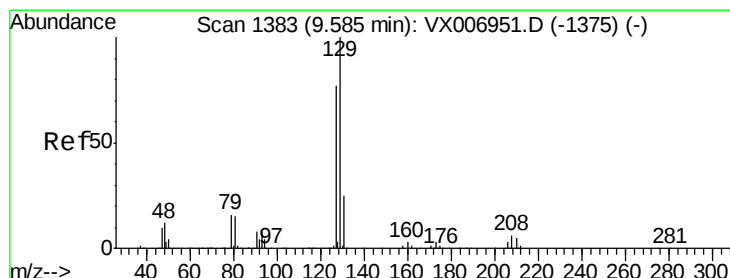
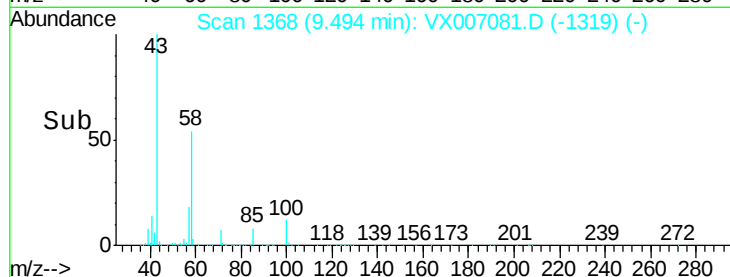
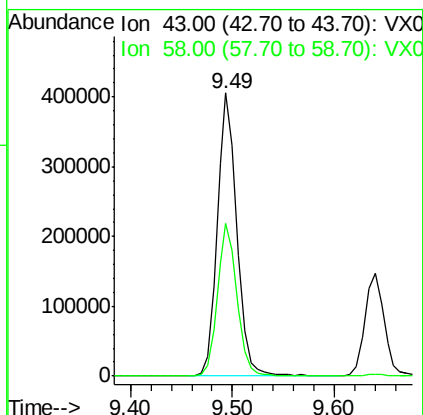
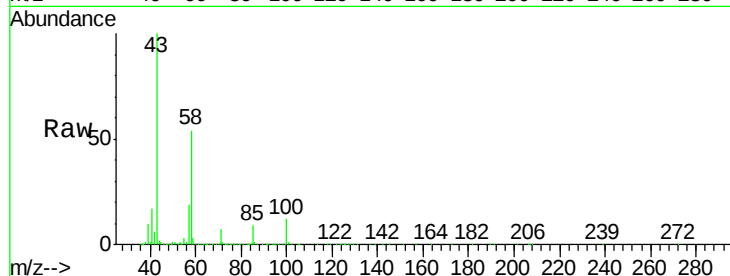




#59
2-Hexanone
Concen: 101.337 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

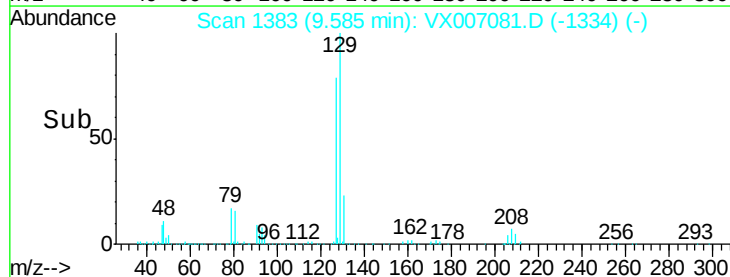
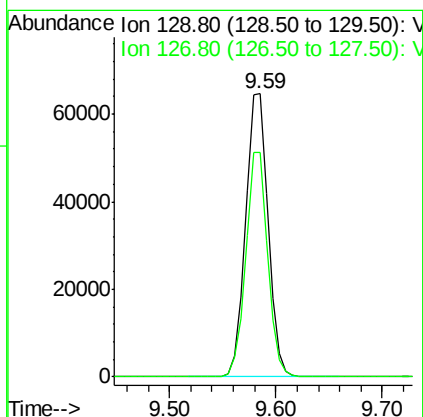
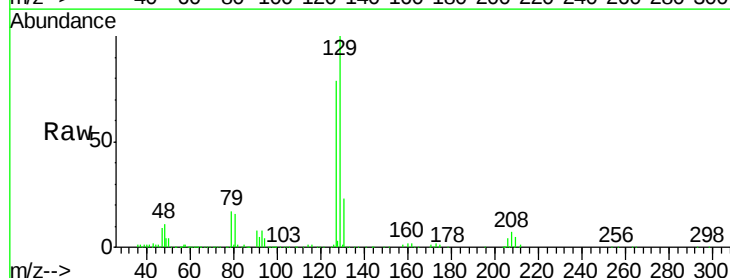
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

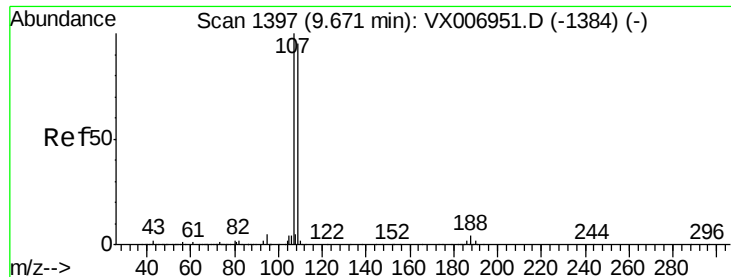
Tot Ion: 43 Resp: 546537
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1



#60
Dibromochloromethane
Concen: 19.446 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 129 Resp: 96525
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.414 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

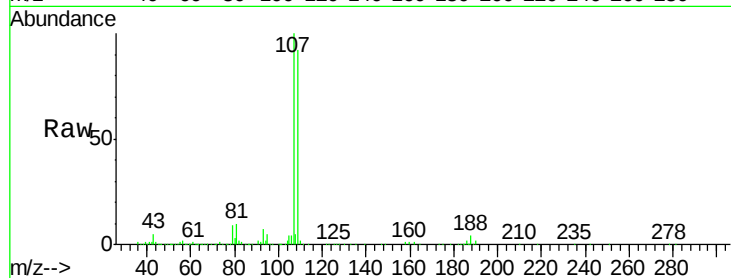
VX0117MBS01

Tot Ion:107 Resp: 109258

Ion Ratio Lower Upper

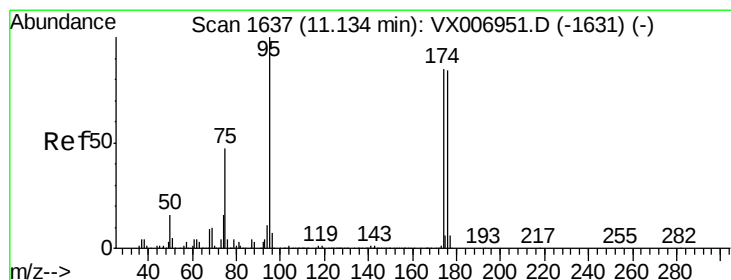
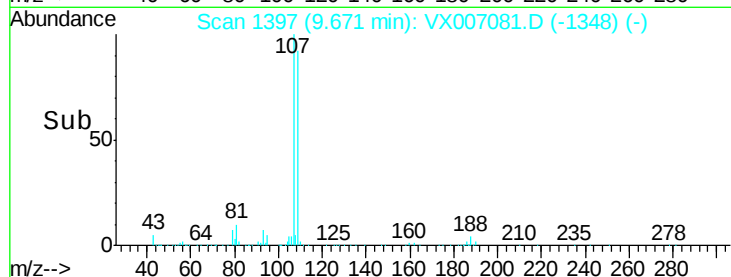
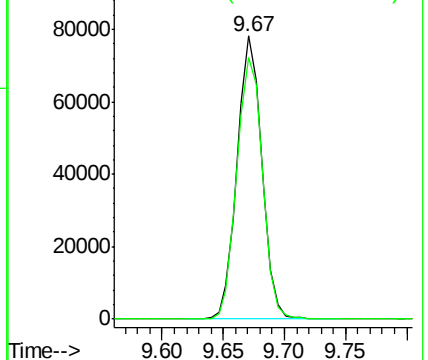
107 100

109 95.9 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: 52.311 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

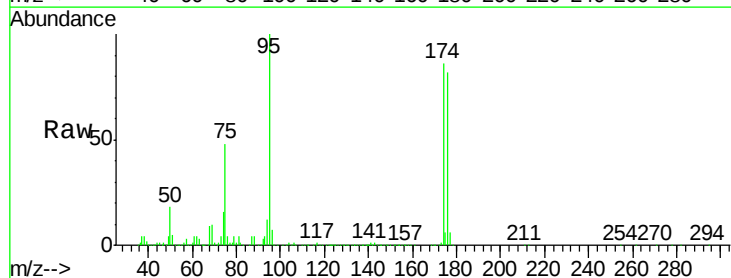
Tgt Ion: 95 Resp: 320189

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.2

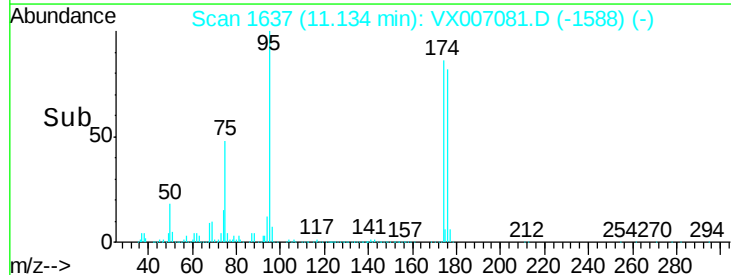
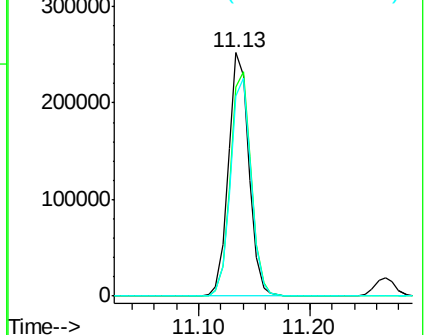
176 90.3 0.0 178.8

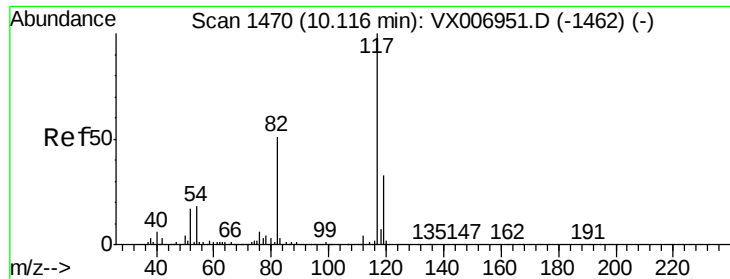


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

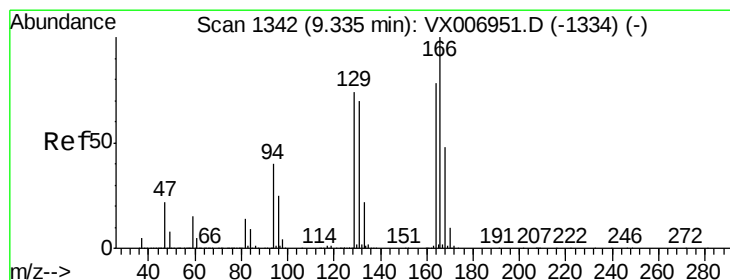
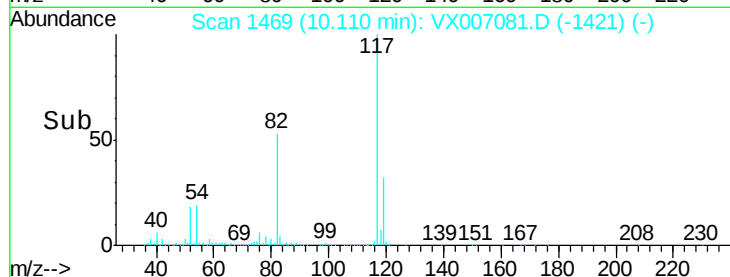
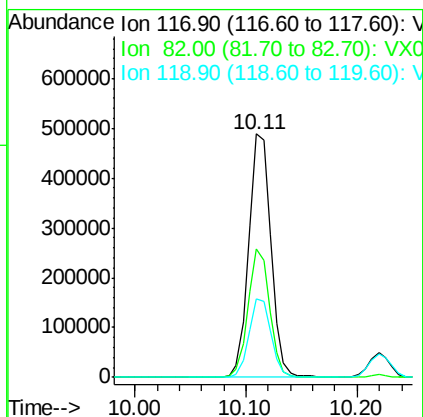
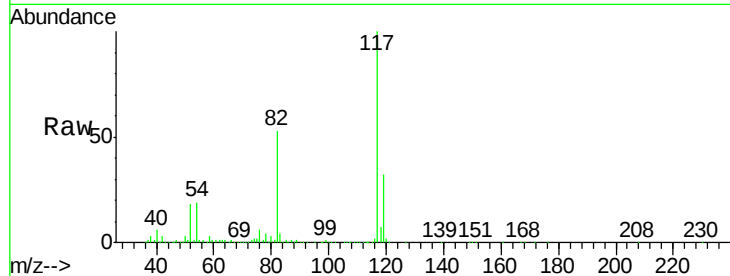




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

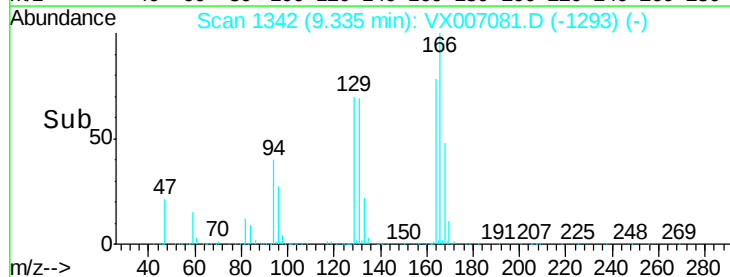
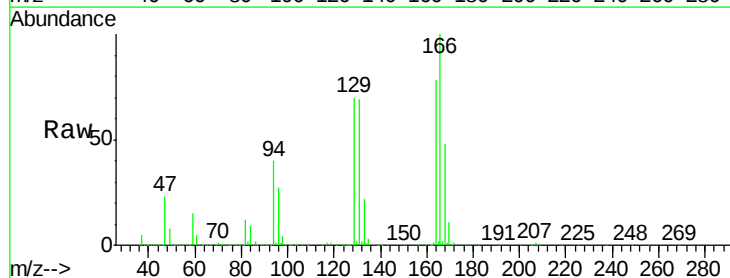
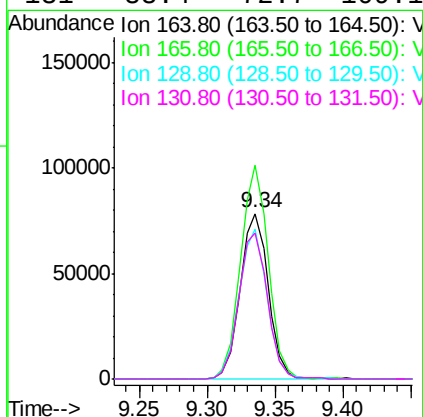
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

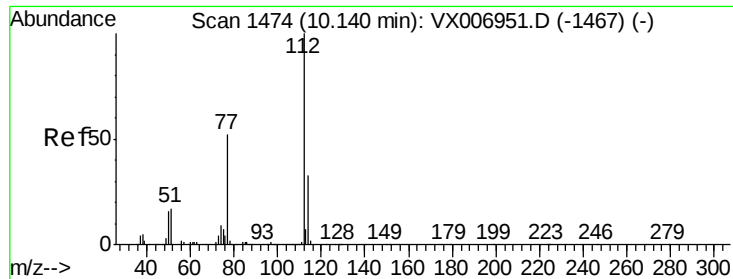
Tot Ion:117 Resp: 679309
Ion Ratio Lower Upper
117 100
82 52.6 41.0 61.6
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 19.257 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion:164 Resp: 113257
Ion Ratio Lower Upper
164 100
166 129.0 102.5 153.7
129 90.1 75.1 112.7
131 88.4 72.7 109.1

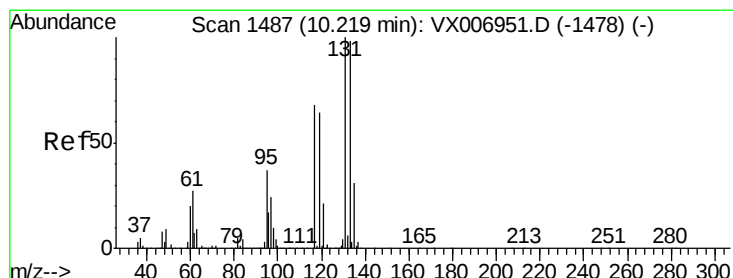
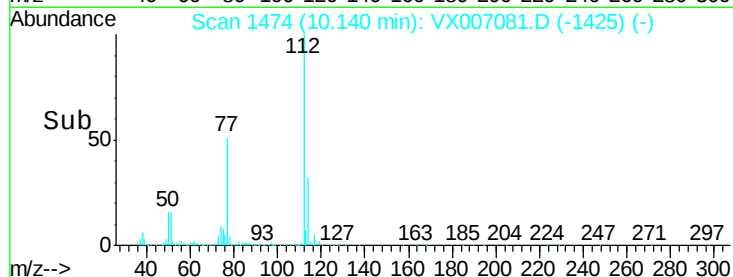
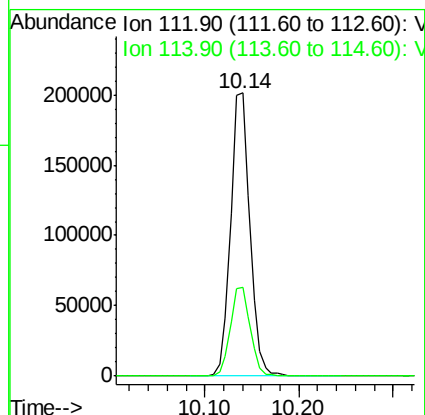
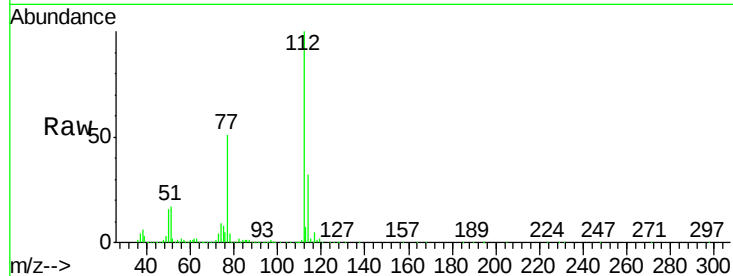




#65
Chlorobenzene
Concen: 19.347 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

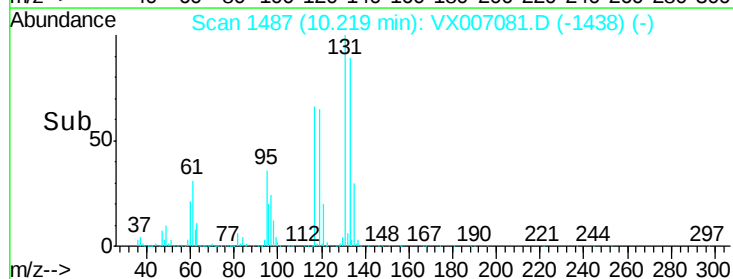
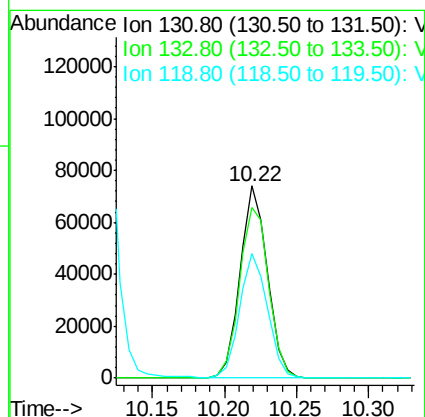
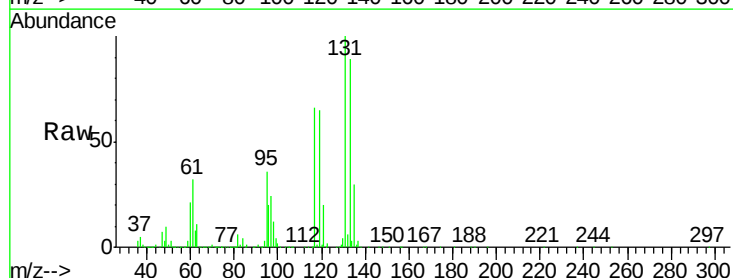
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

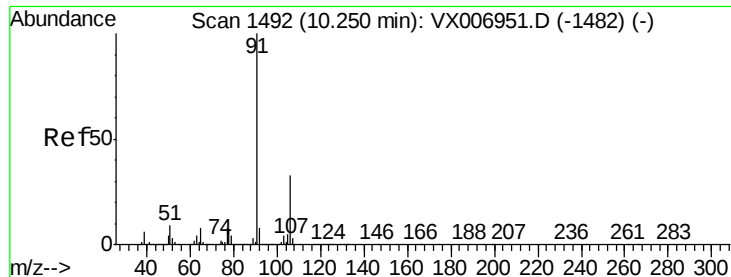
Tot Ion:112 Resp: 286647
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.564 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion:131 Resp: 97508
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.2
119 65.7 32.6 97.8





#67

Ethyl Benzene

Concen: 18.971 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

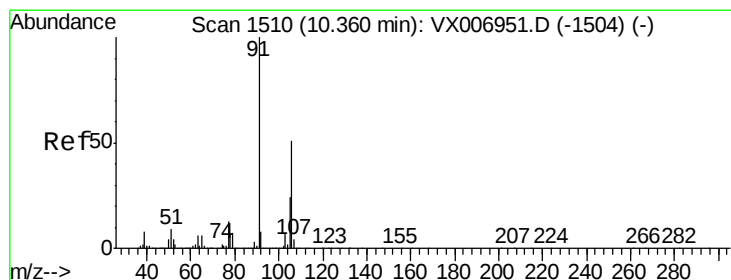
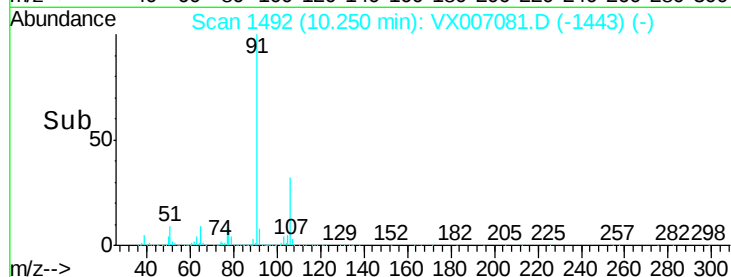
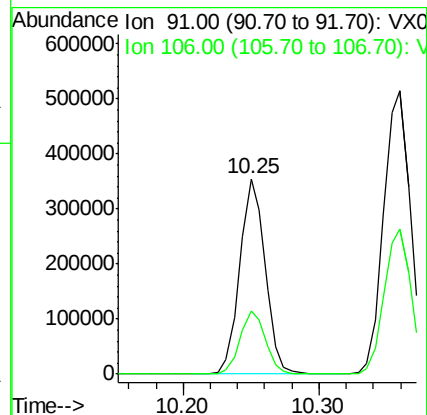
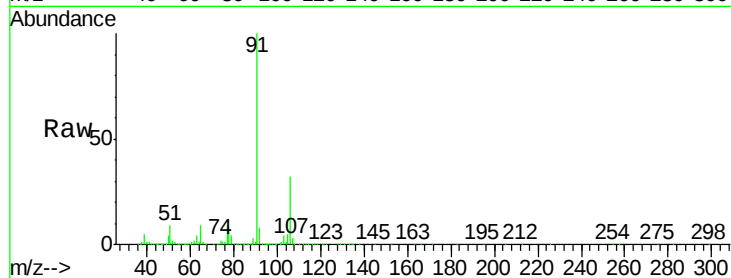
VX0117MBS01

Tot Ion: 91 Resp: 464016

Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



#68

m/p-Xylenes

Concen: 37.641 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007081.D

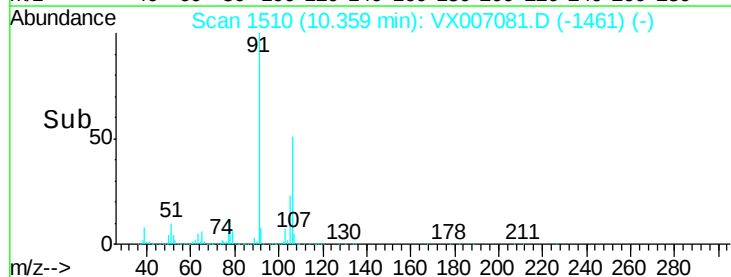
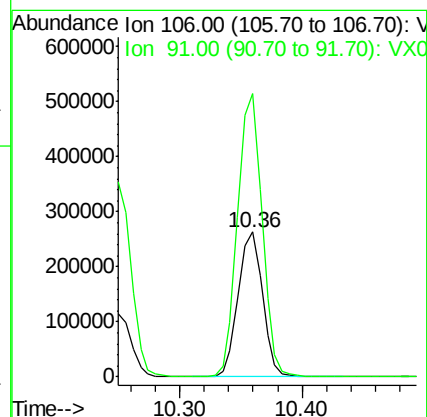
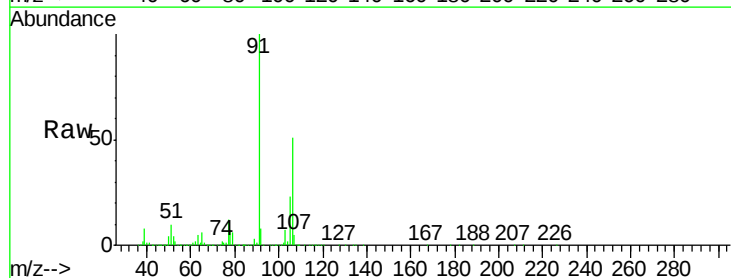
Acq: 17 Jan 2019 11:50

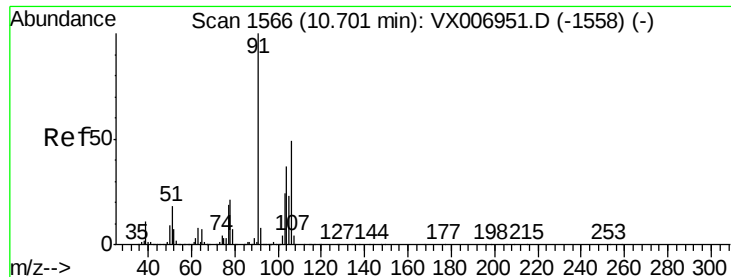
Tgt Ion: 106 Resp: 362734

Ion Ratio Lower Upper

106 100

91 196.7 155.8 233.6

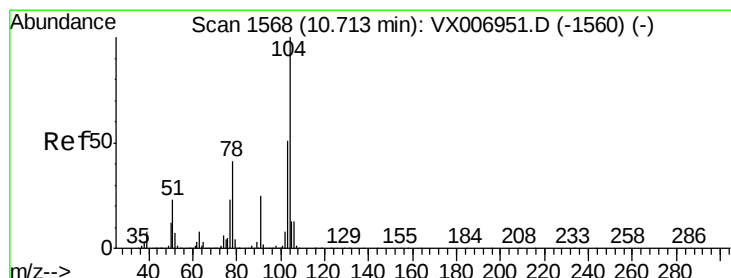
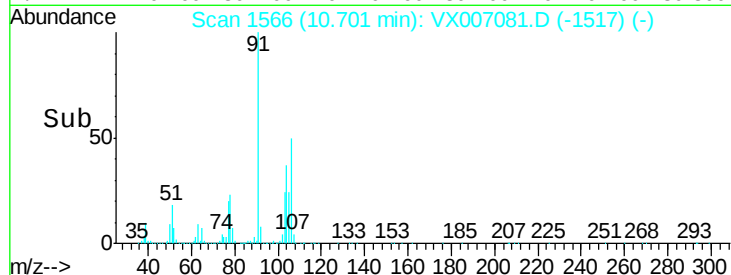
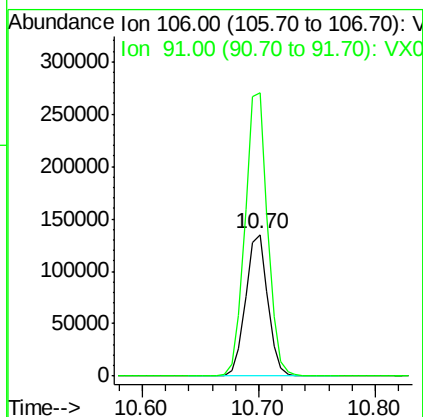
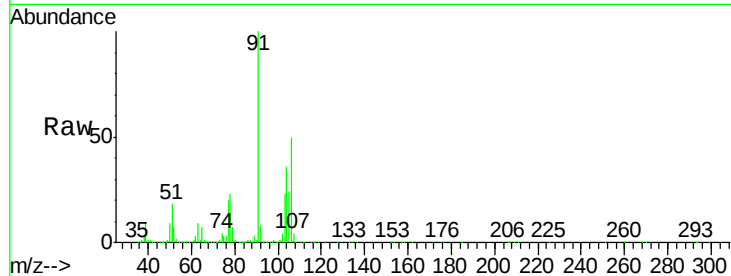




#69
o-Xylene
Concen: 19.216 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

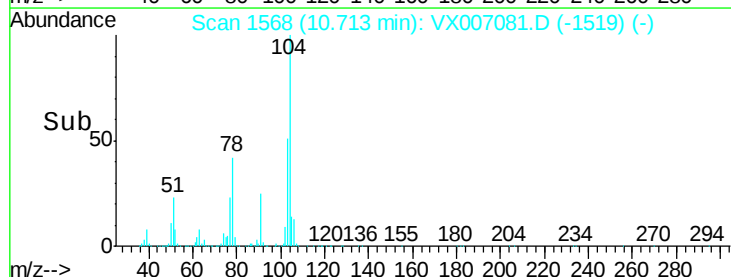
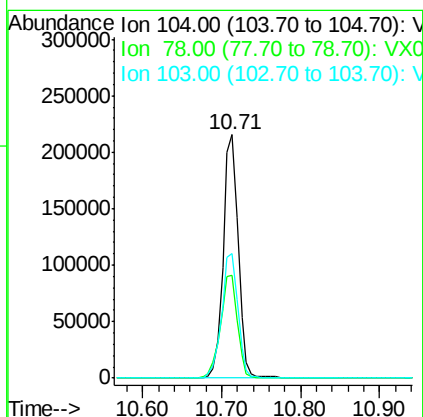
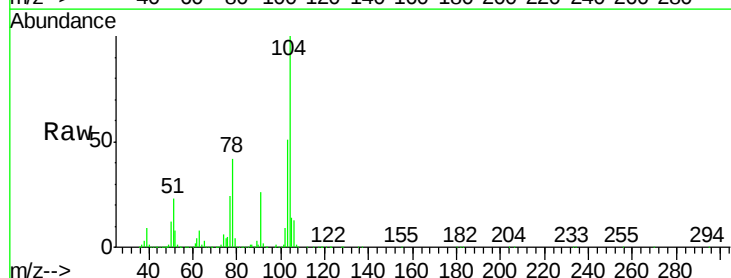
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

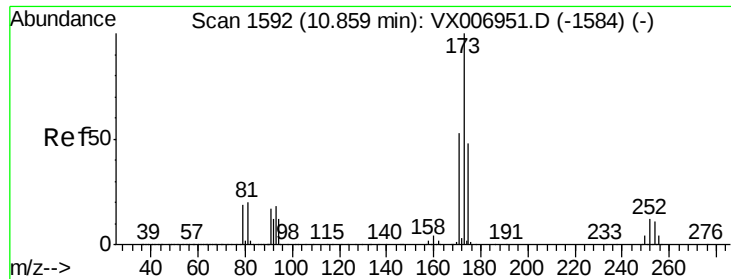
Tot Ion:106 Resp: 180596
Ion Ratio Lower Upper
106 100
91 202.5 101.3 303.7



#70
Styrene
Concen: 19.229 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion:104 Resp: 286218
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.8 43.8 65.8





#71

Bromoform

Concen: 18.708 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

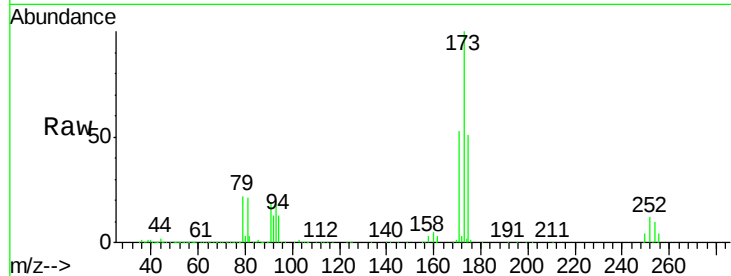
Tot Ion:173 Resp: 68851

Ion Ratio Lower Upper

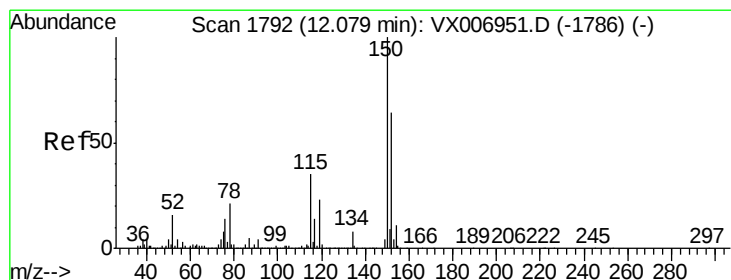
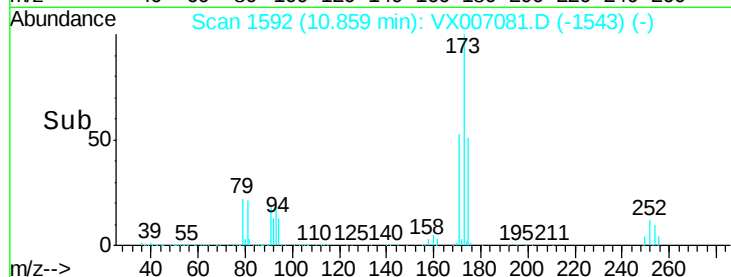
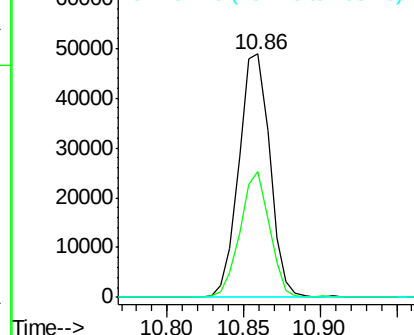
173 100

175 49.2 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: VX007081.D

Acq: 17 Jan 2019 11:50

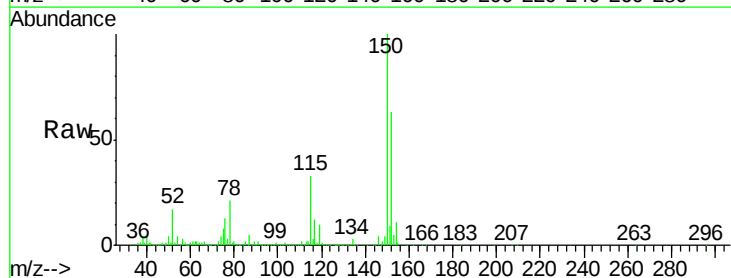
Tgt Ion:152 Resp: 343355

Ion Ratio Lower Upper

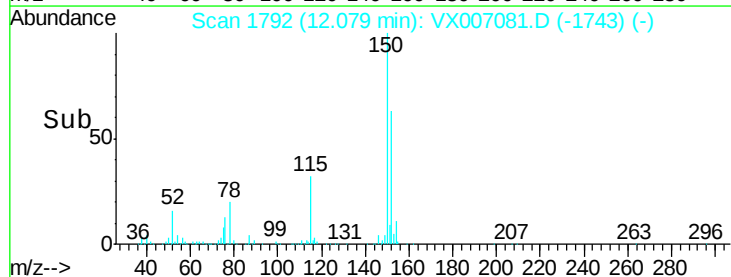
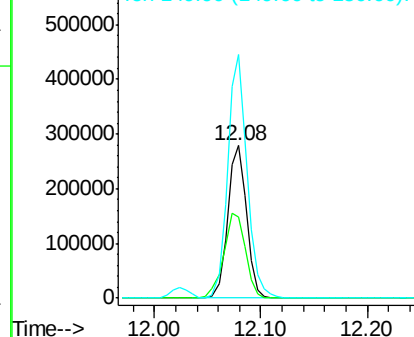
152 100

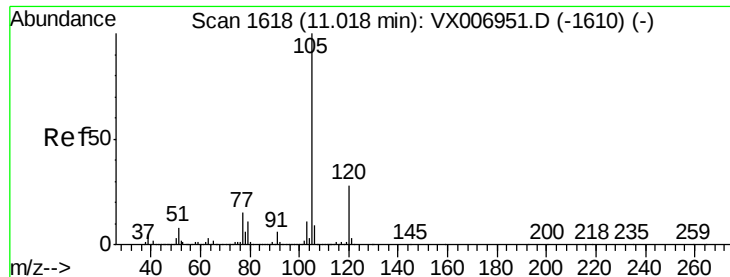
115 64.1 39.1 117.2

150 164.0 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: 19.566 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

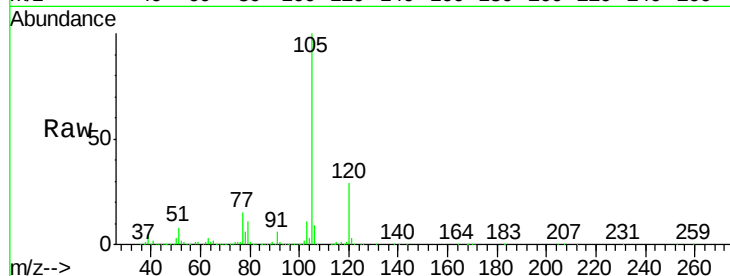
VX0117MBS01

Tot Ion:105 Resp: 473725

Ion Ratio Lower Upper

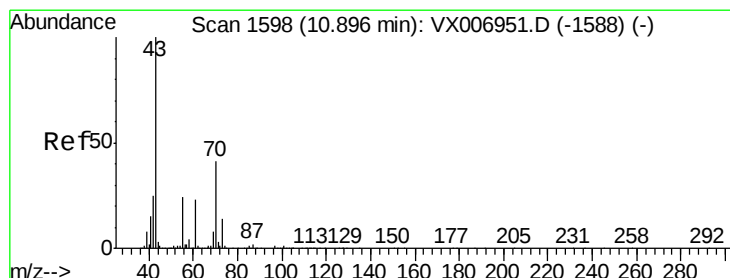
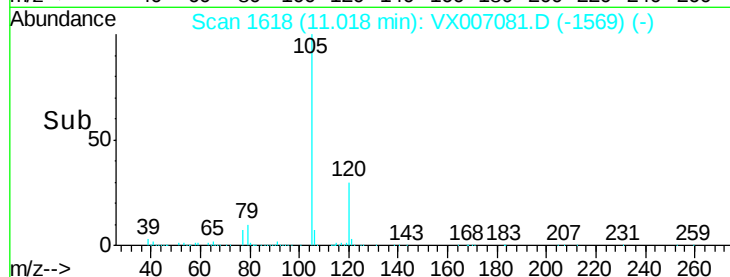
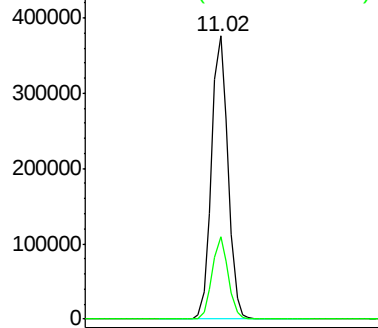
105 100

120 28.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.850 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion: 43 Resp: 183754

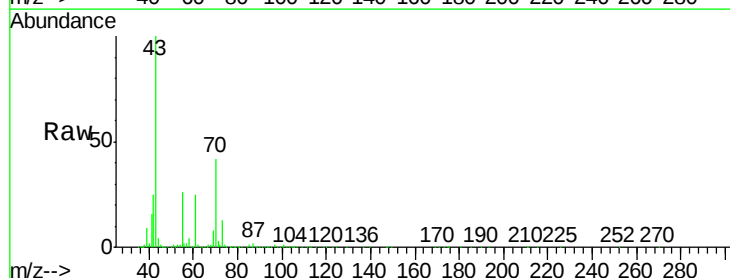
Ion Ratio Lower Upper

43 100

70 42.4 35.8 53.8

55 25.9 19.4 29.0

61 25.2 20.1 30.1

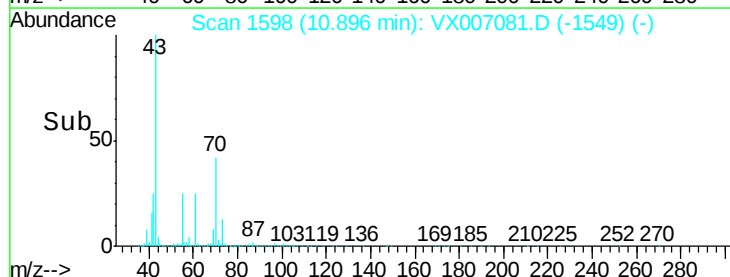
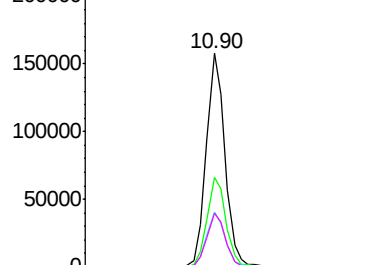


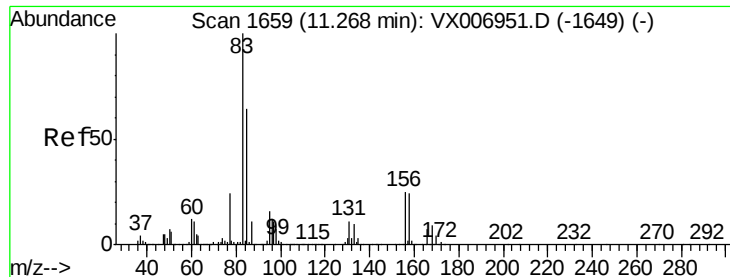
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.539 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

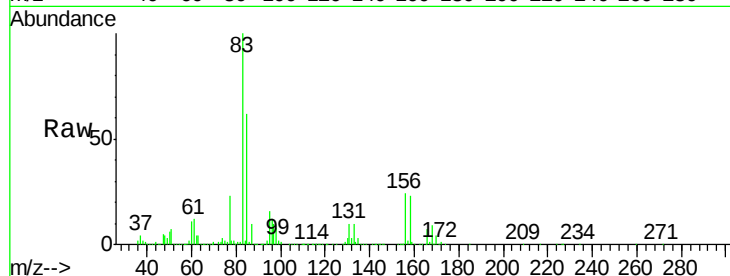
Tot Ion: 83 Resp: 150181

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

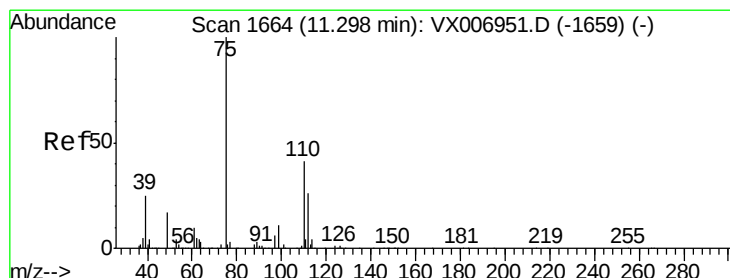
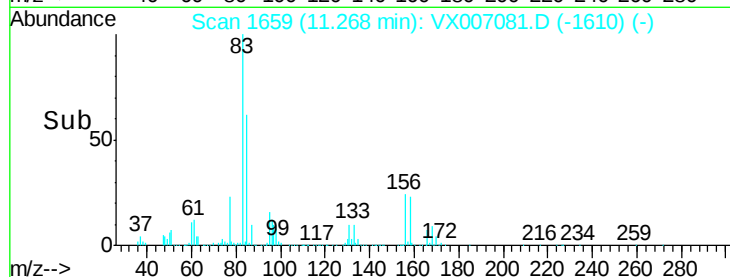
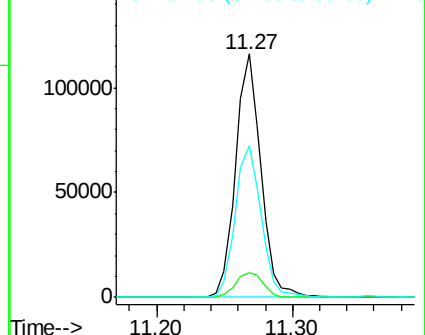
85 64.7 32.2 96.6



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: 23.294 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007081.D

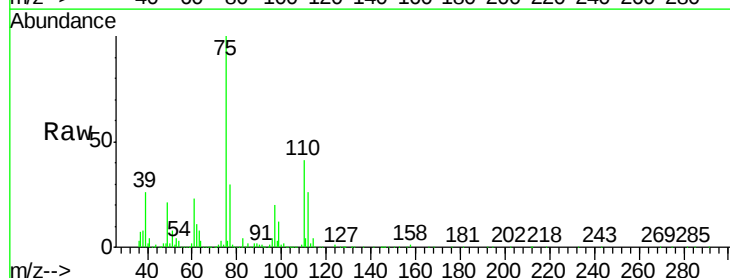
Acq: 17 Jan 2019 11:50

Tgt Ion: 75 Resp: 162080

Ion Ratio Lower Upper

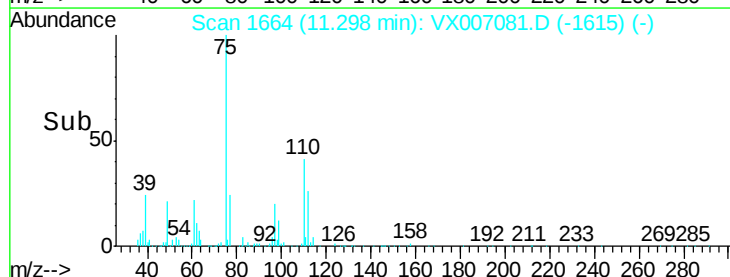
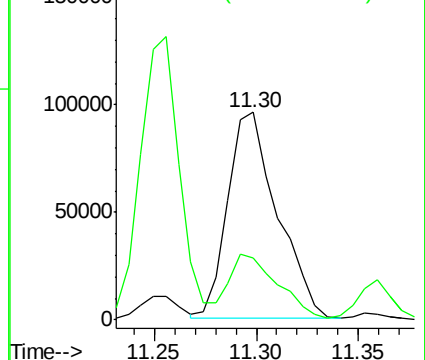
75 100

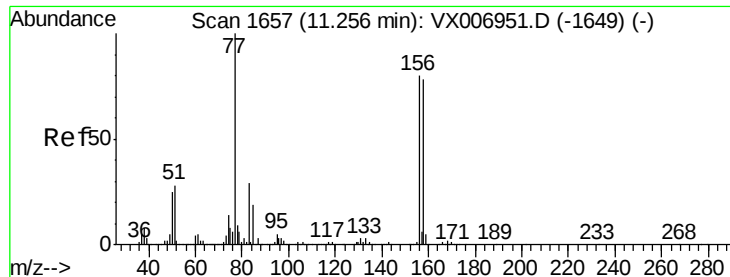
77 30.9 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.320 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

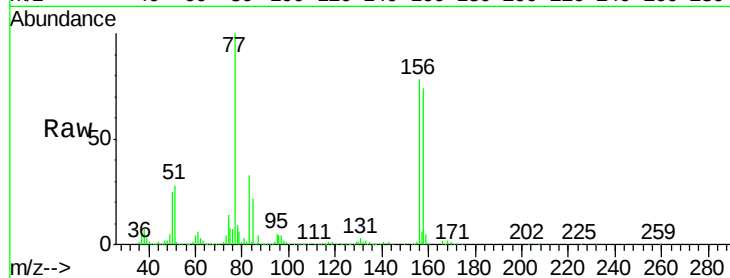
Tot Ion:156 Resp: 128887

Ion Ratio Lower Upper

156 100

77 134.3 68.0 204.0

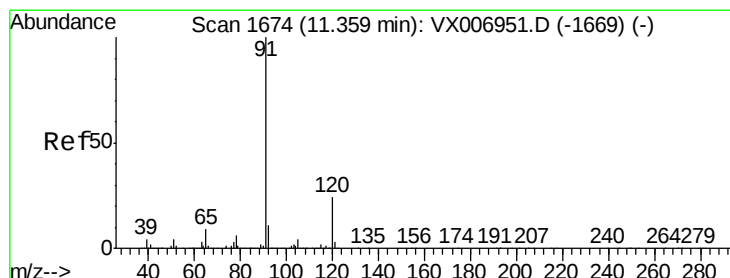
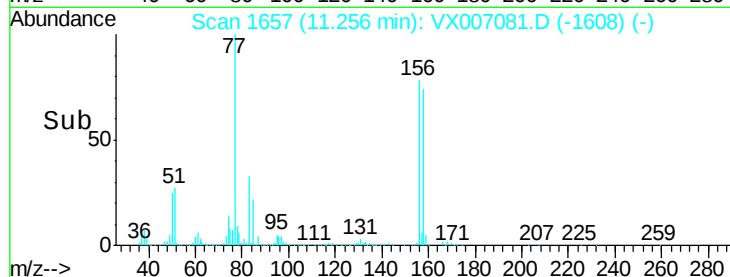
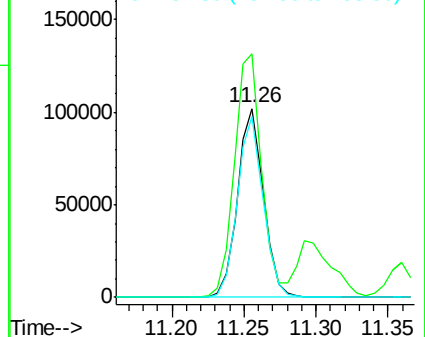
158 95.7 48.3 144.8



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: 19.790 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007081.D

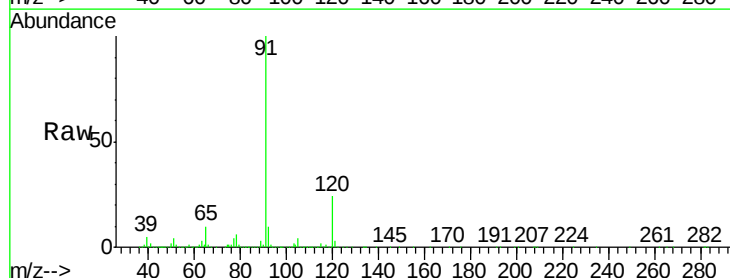
Acq: 17 Jan 2019 11:50

Tgt Ion: 91 Resp: 525987

Ion Ratio Lower Upper

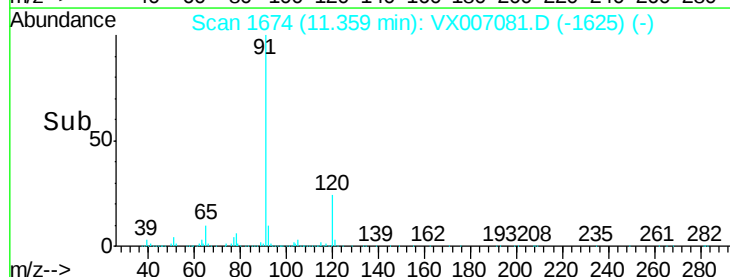
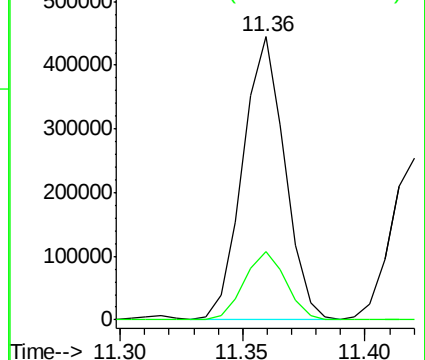
91 100

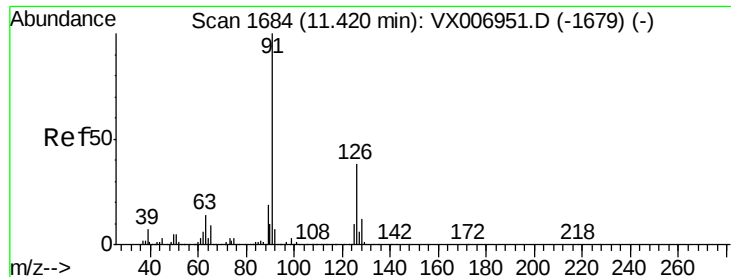
120 24.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.452 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

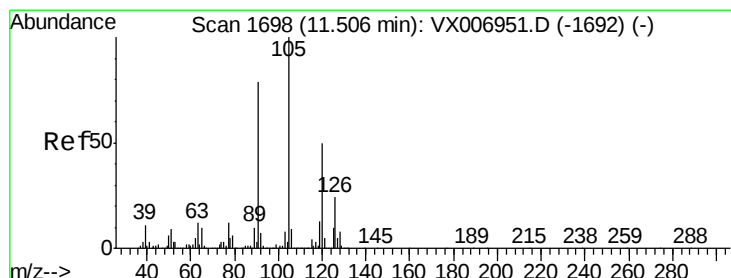
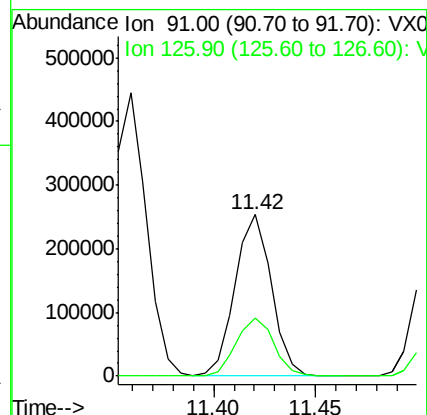
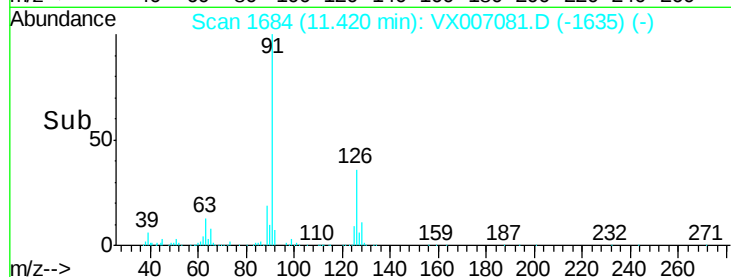
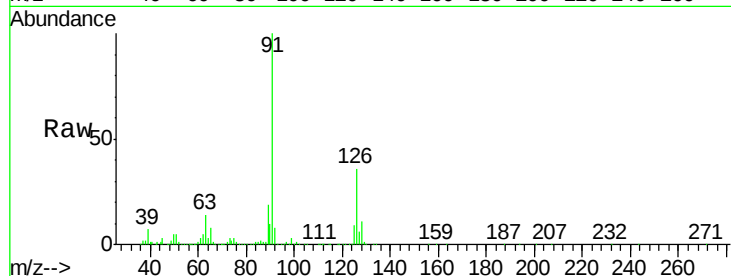
VX0117MBS01

Tot Ion: 91 Resp: 311222

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.262 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007081.D

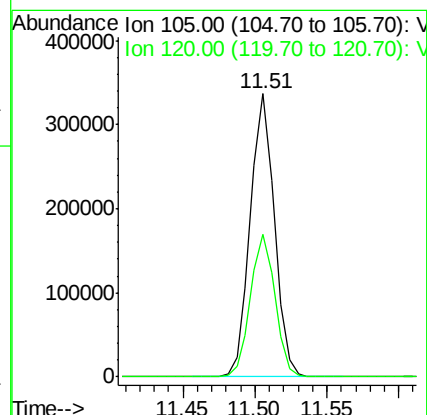
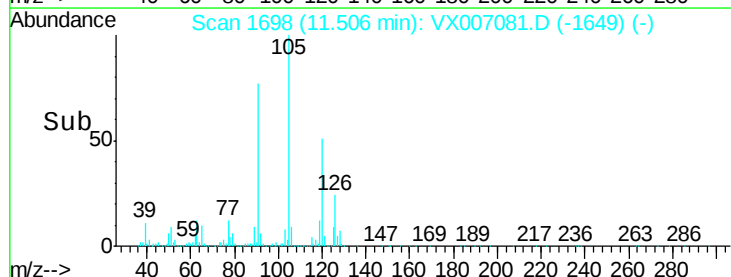
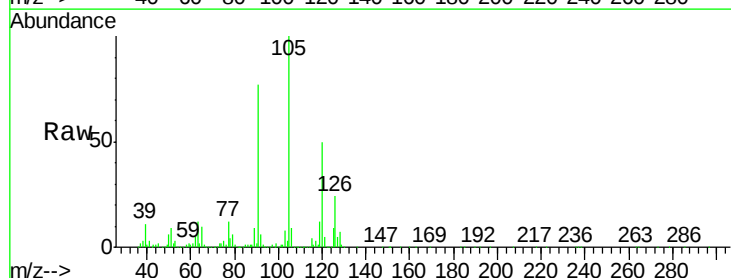
Acq: 17 Jan 2019 11:50

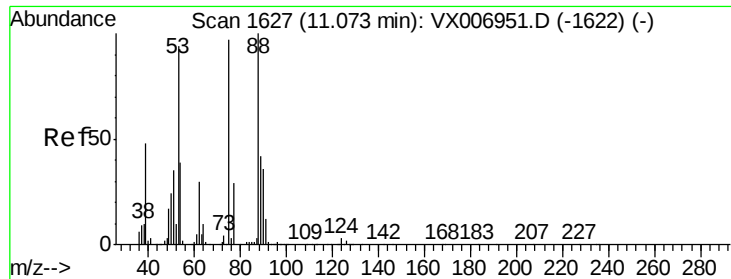
Tgt Ion: 105 Resp: 389680

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.3

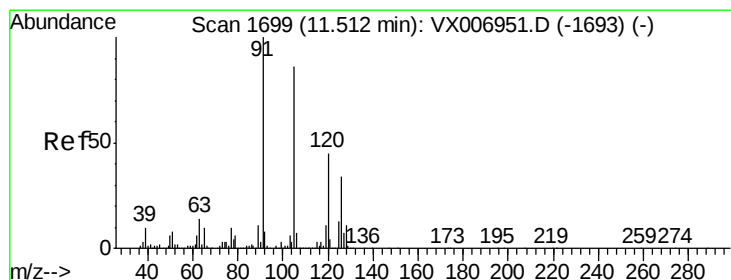
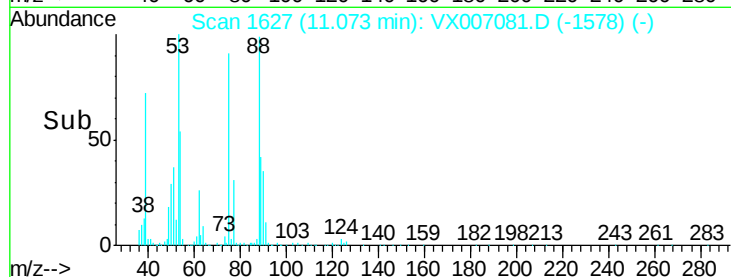
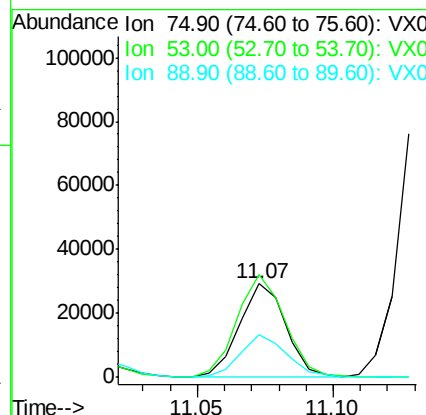
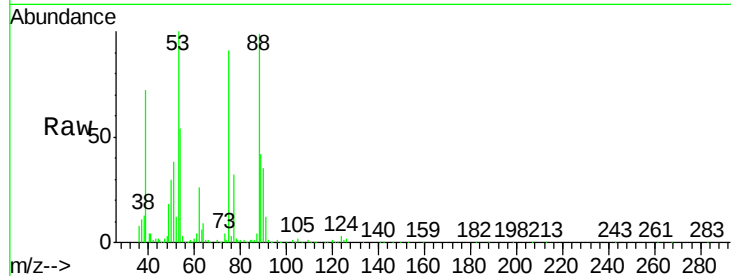




#81
trans-1,4-Dichloro-2-butene
Concen: 17.549 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

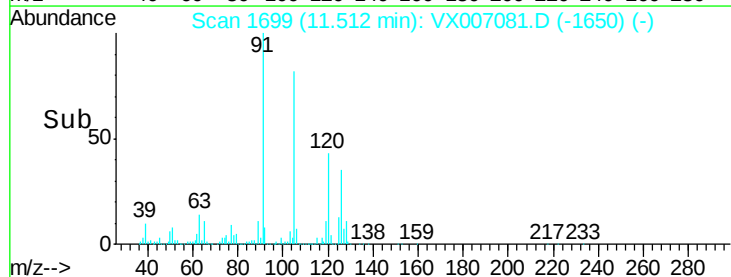
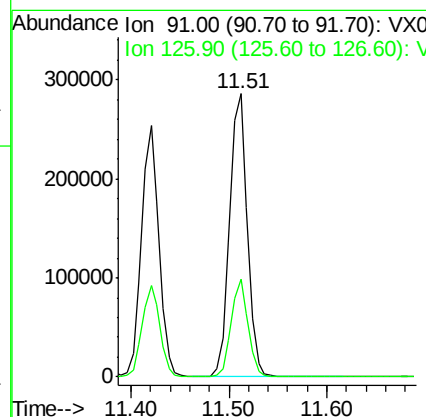
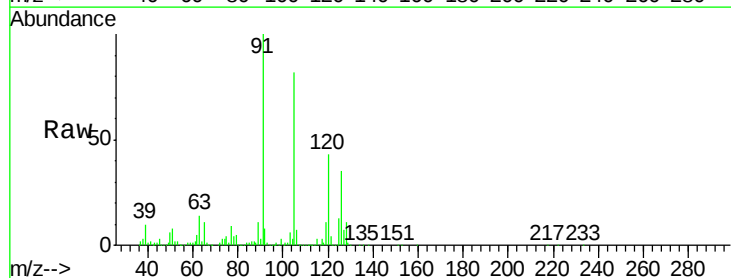
Instrument :
MSVOA_X
ClientSampled :
VX0117MBS01

Tot Ion: 75 Resp: 34337
Ion Ratio Lower Upper
75 100
53 113.9 79.7 119.5
89 48.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.360 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 91 Resp: 358631
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.200 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

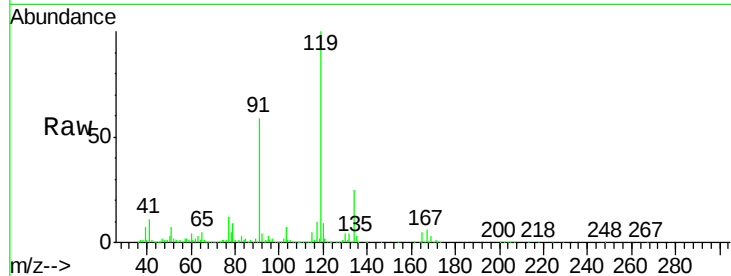
Tot Ion:119 Resp: 387547

Ion Ratio Lower Upper

119 100

91 56.6 27.7 83.1

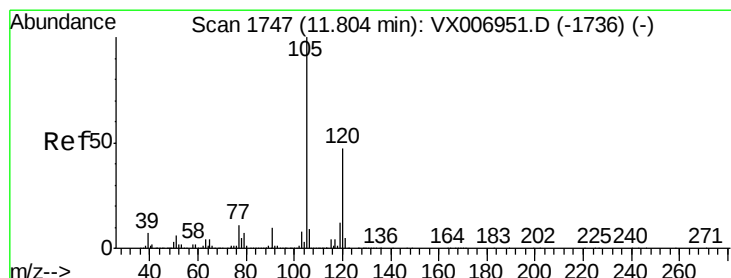
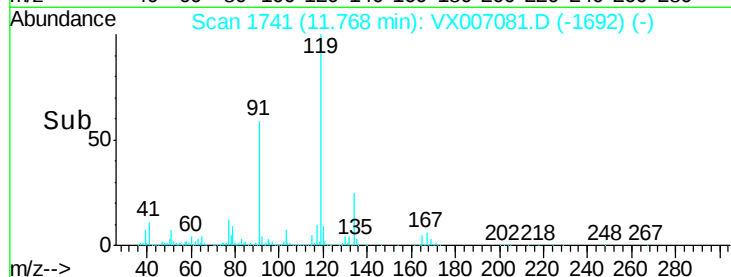
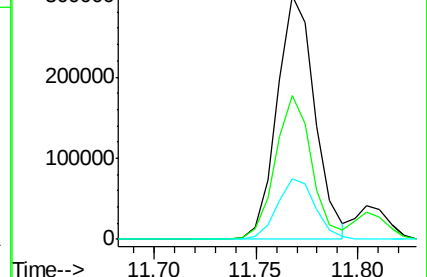
134 25.1 11.9 35.5



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: 19.747 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007081.D

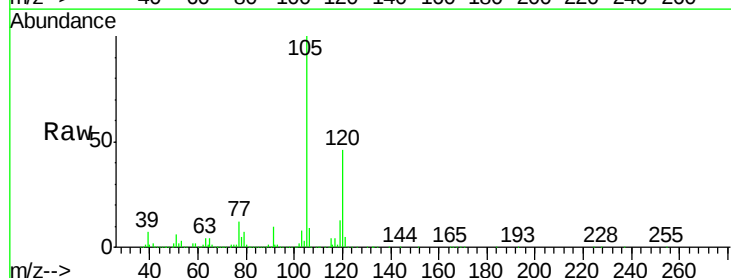
Acq: 17 Jan 2019 11:50

Tgt Ion:105 Resp: 401721

Ion Ratio Lower Upper

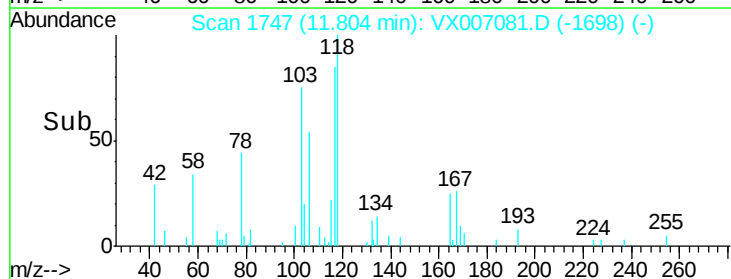
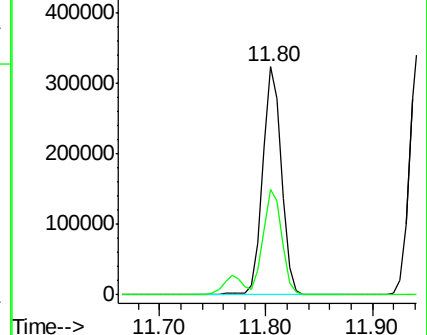
105 100

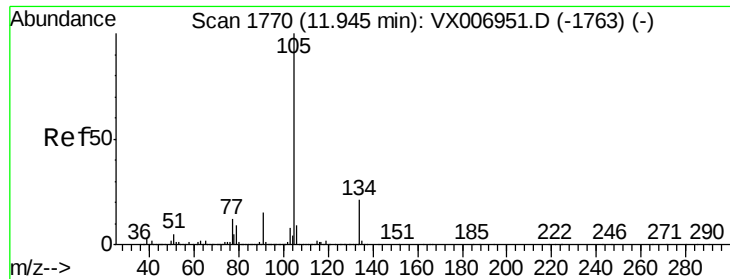
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.772 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

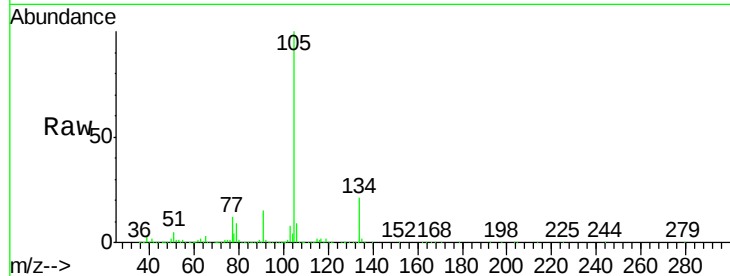
VX0117MBS01

Tot Ion:105 Resp: 476626

Ion Ratio Lower Upper

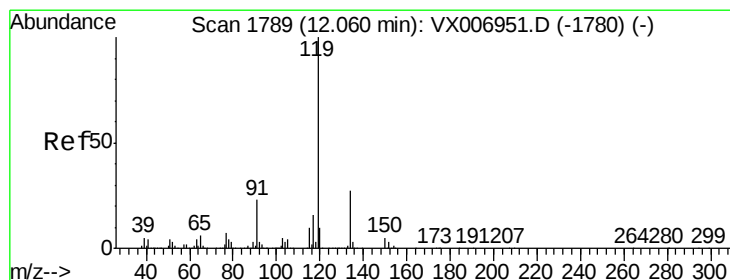
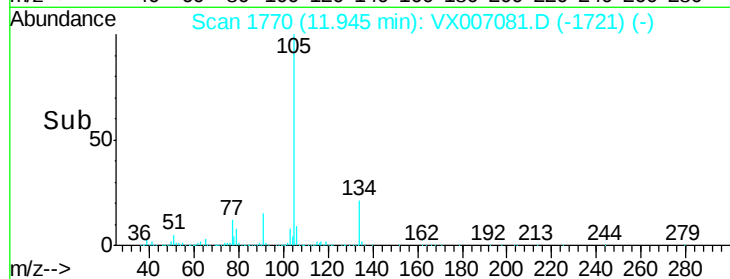
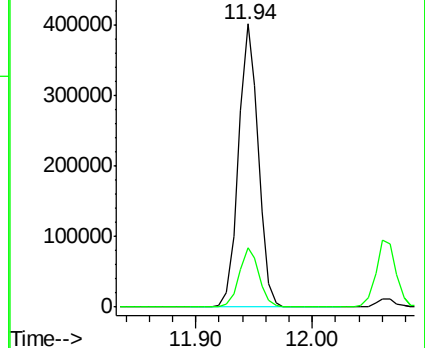
105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.632 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

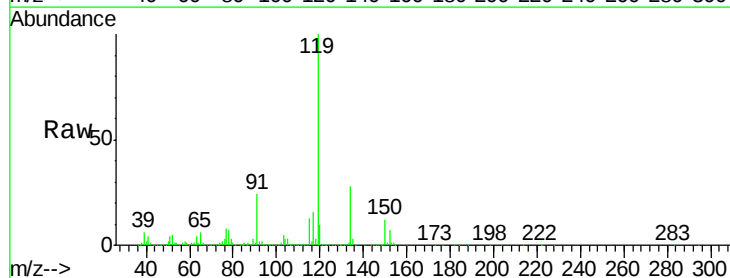
Tgt Ion:119 Resp: 423301

Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

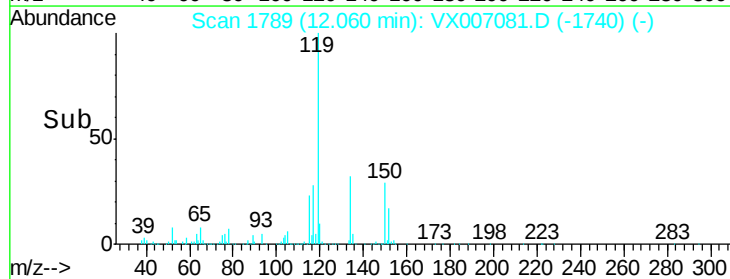
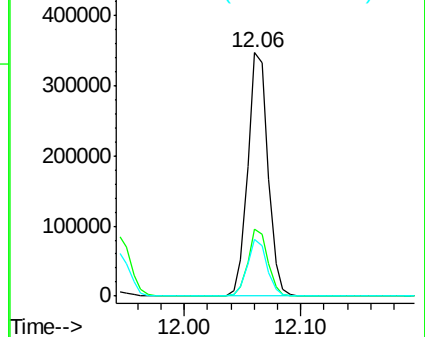
91 22.5 11.3 33.9

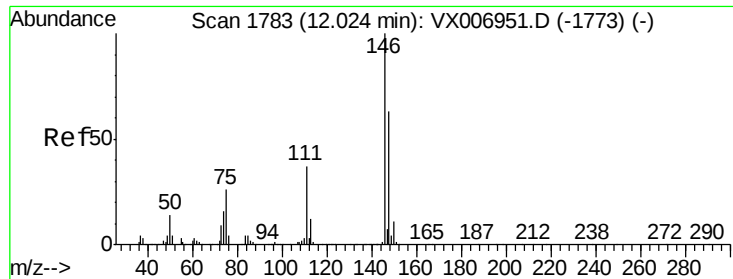


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

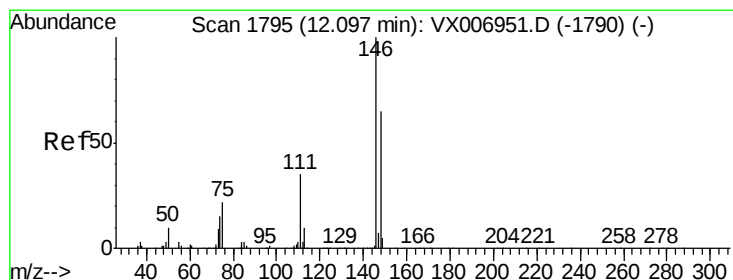
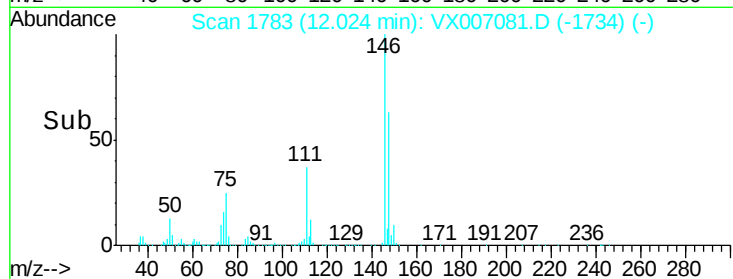
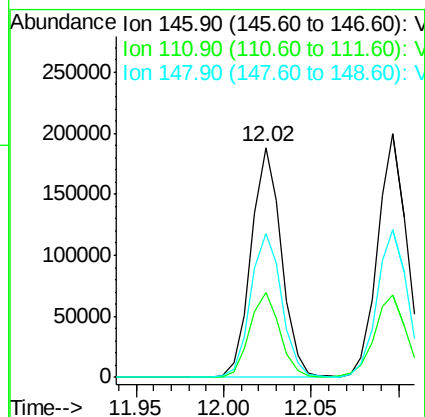
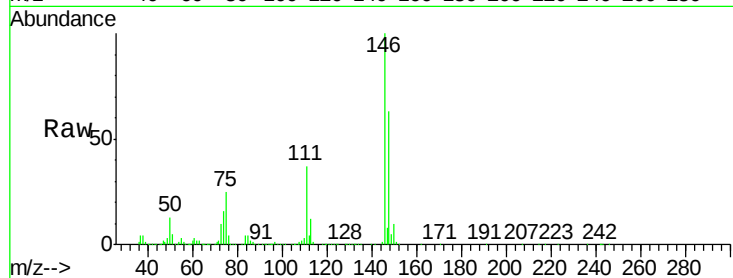




#87
 1,3-Dichlorobenzene
 Concen: 18.746 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

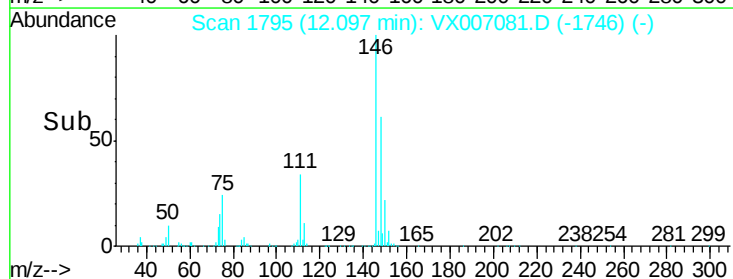
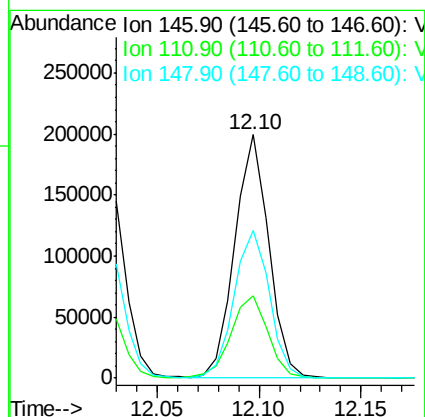
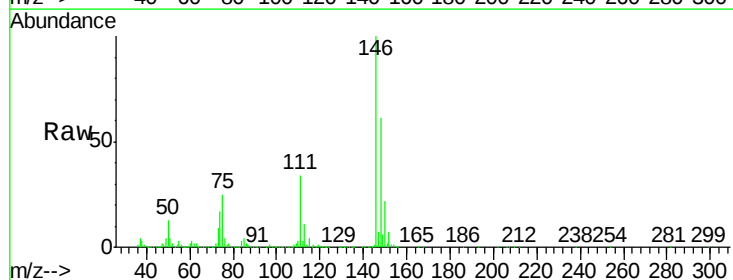
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

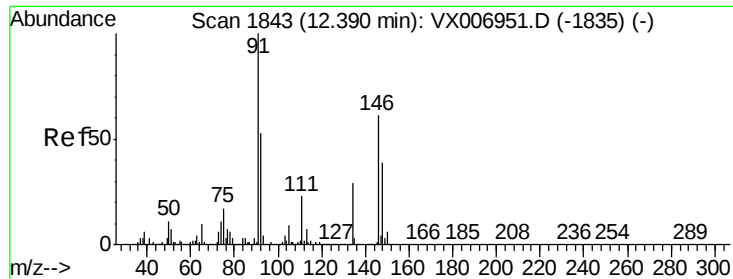
Tot Ion:146 Resp: 226045
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.211 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion:146 Resp: 229918
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.1
 148 63.1 31.9 95.9





#89

n-Butylbenzene

Concen: 19.047 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

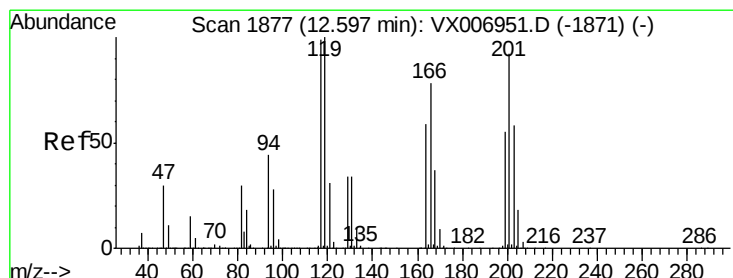
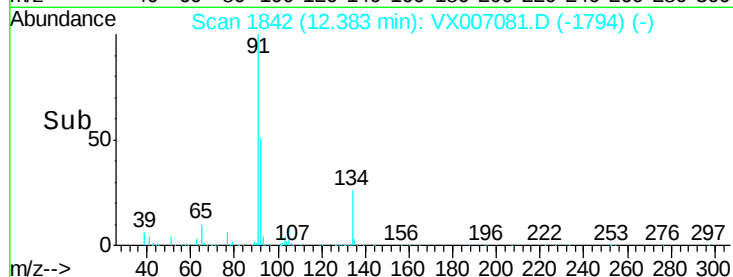
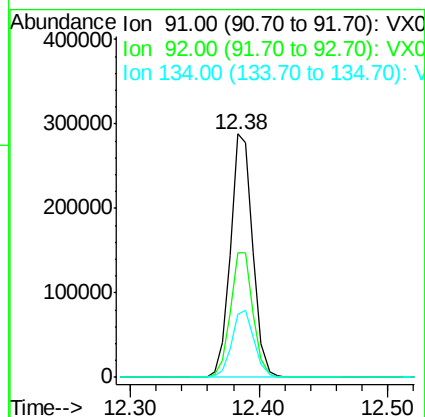
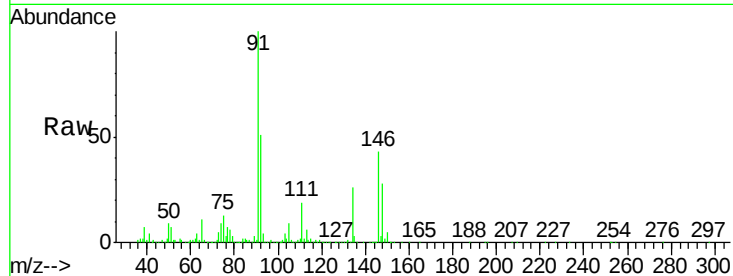
Tot Ion: 91 Resp: 350105

Ion Ratio Lower Upper

91 100

92 52.1 26.8 80.4

134 27.7 14.4 43.2



#90

Hexachloroethane

Concen: 18.786 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007081.D

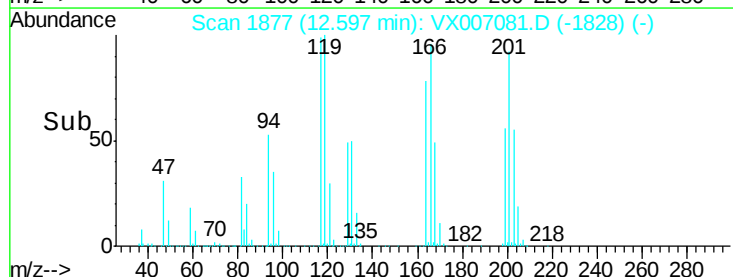
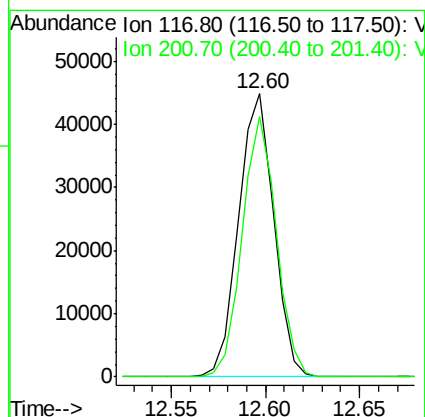
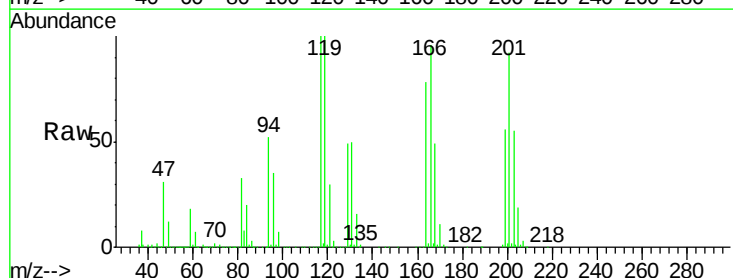
Acq: 17 Jan 2019 11:50

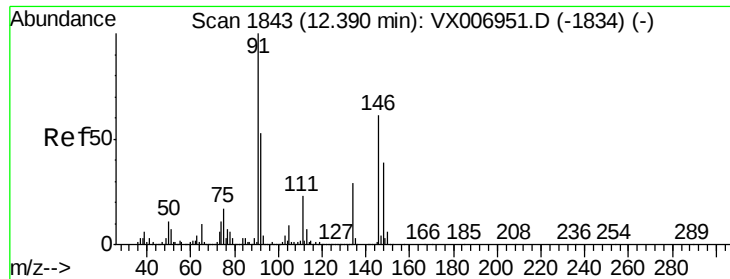
Tgt Ion: 117 Resp: 58031

Ion Ratio Lower Upper

117 100

201 89.0 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.299 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

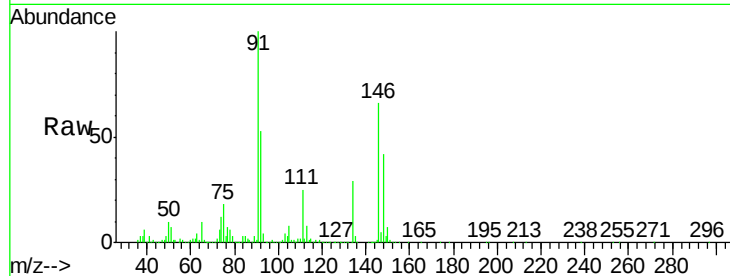
Tot Ion:146 Resp: 229653

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.2

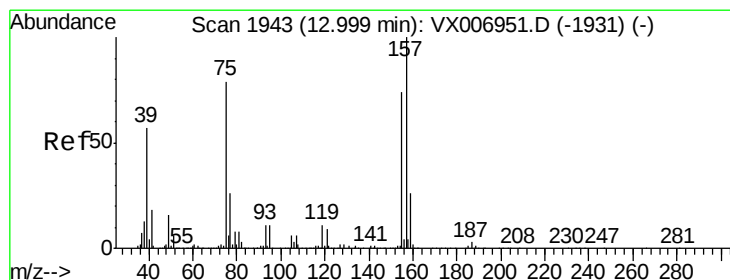
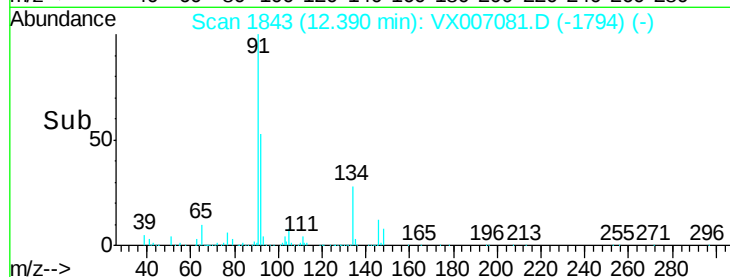
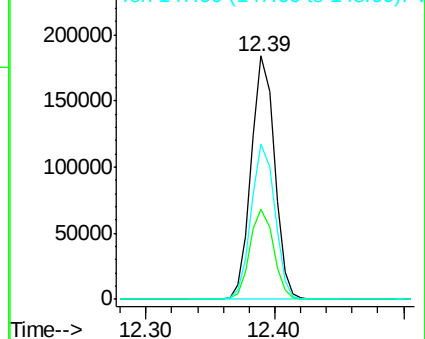
148 64.6 32.3 96.9



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: 18.425 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

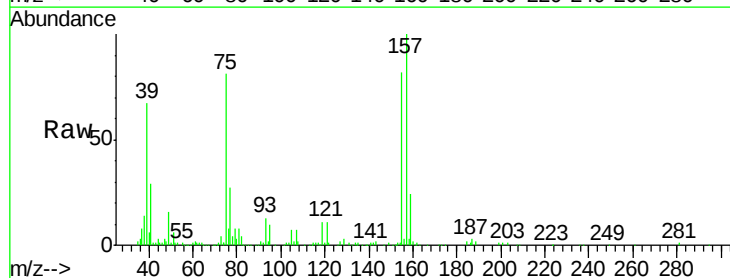
Tgt Ion: 75 Resp: 28009

Ion Ratio Lower Upper

75 100

155 102.0 50.6 151.8

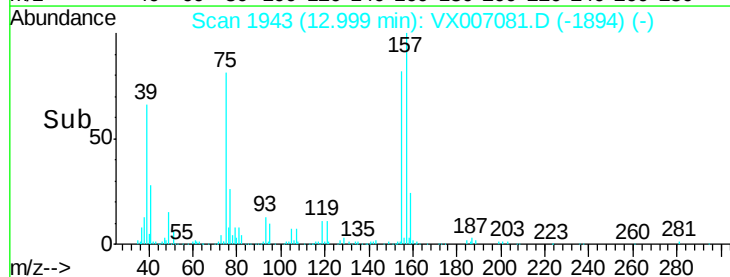
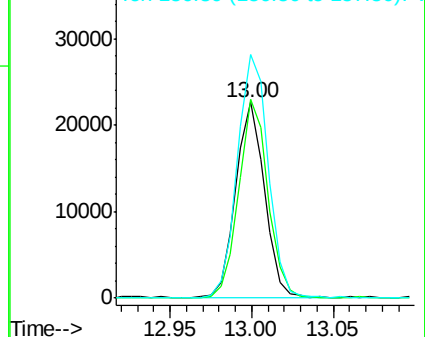
157 132.6 64.6 193.8



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

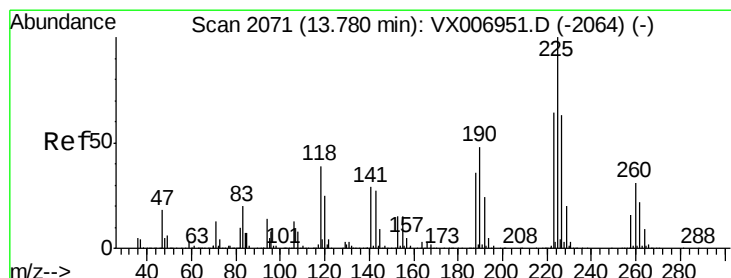
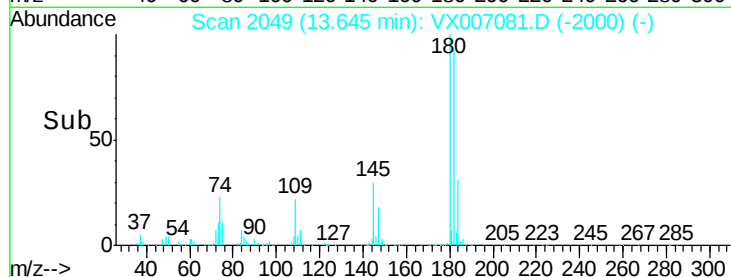
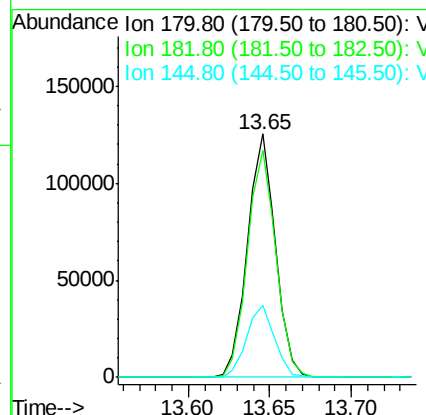
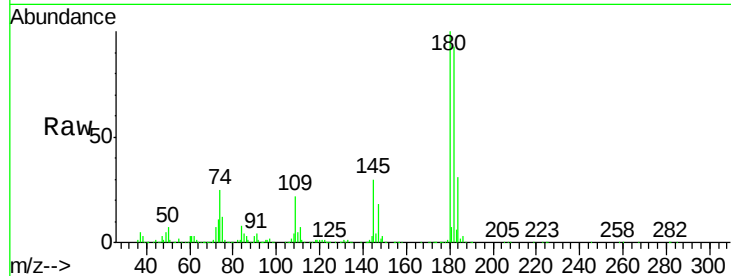




#93
 1,2,4-Trichlorobenzene
 Concen: 18.419 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

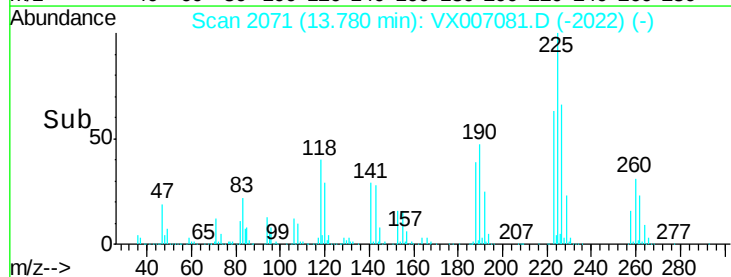
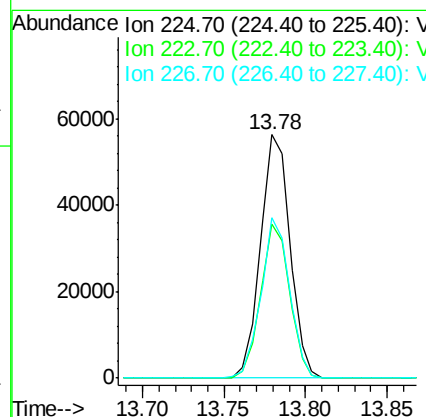
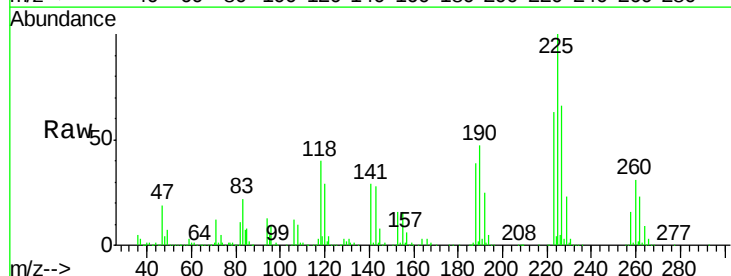
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Tot Ion:180 Resp: 150371
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 142.0
 145 29.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 19.665 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion:225 Resp: 71243
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.1 96.3
 227 63.4 32.3 96.8





#95

Naphthalene

Concen: 19.076 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

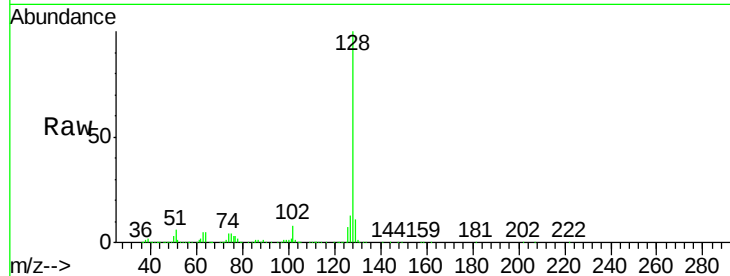
Tot Ion:128 Resp: 471903

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

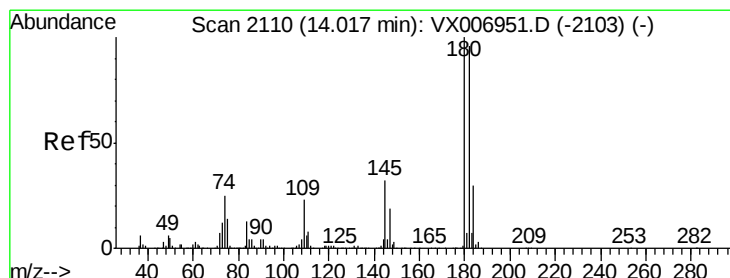
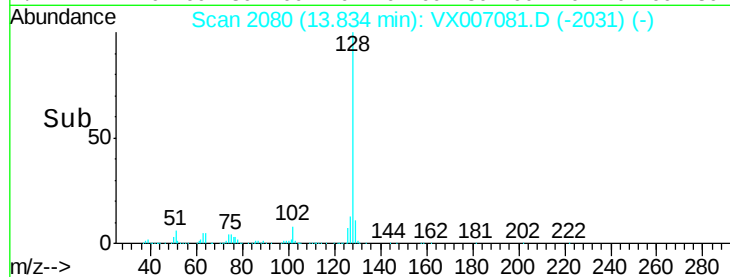
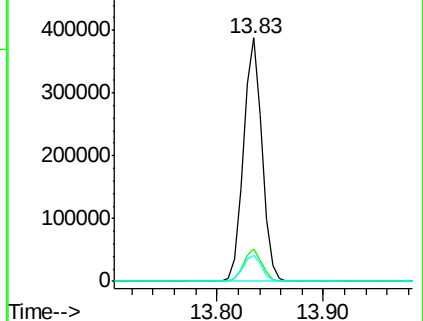
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.851 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

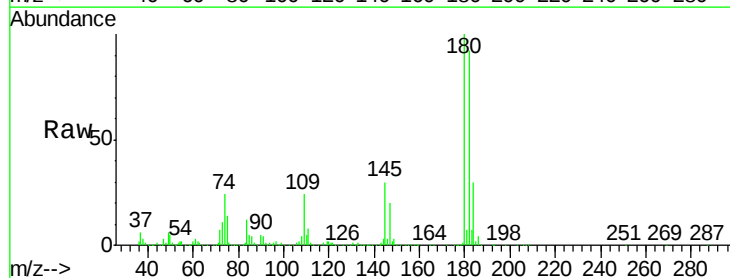
Tgt Ion:180 Resp: 152882

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.5

145 30.9 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

