

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006959.D
 Acq On : 09 Jan 2019 11:52
 Operator : JC/MD
 Sample : VX0109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:52:47 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	574332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	862855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	303998	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	270240	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	966754	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.13	95	333113	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	100124	21.229	ug/l	100
3) Chloromethane	1.33	50	105837	19.276	ug/l	99
4) Vinyl Chloride	1.41	62	114662	19.414	ug/l	98
5) Bromomethane	1.64	94	116240	18.421	ug/l	96
6) Chloroethane	1.72	64	75859	18.395	ug/l	97
7) Trichlorofluoromethane	1.93	101	184760	19.361	ug/l	98
8) Diethyl Ether	2.19	74	71243	18.765	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110195	19.287	ug/l	98
10) Methyl Iodide	2.51	142	152262	19.757	ug/l	99
11) Tert butyl alcohol	3.07	59	140156	98.988	ug/l	100
12) 1,1-Dichloroethene	2.38	96	101400	19.210	ug/l	100
13) Acrolein	2.30	56	58298	97.375	ug/l	96
14) Allyl chloride	2.73	41	174520	19.292	ug/l	98
15) Acrylonitrile	3.15	53	318457	97.975	ug/l	99
16) Acetone	2.45	43	293268	98.832	ug/l	100
17) Carbon Disulfide	2.57	76	248628	18.295	ug/l	100
18) Methyl Acetate	2.78	43	163718	19.052	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	354410	19.344	ug/l	100
20) Methylene Chloride	2.86	84	112780	19.639	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	109932	18.688	ug/l	95
22) Diisopropyl ether	3.87	45	324001	19.051	ug/l	95
23) Vinyl Acetate	3.82	43	1372222	95.675	ug/l	99
24) 1,1-Dichloroethane	3.70	63	183089	19.253	ug/l	99
25) 2-Butanone	4.70	43	419370	98.773	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138235	18.903	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	123101	18.972	ug/l	99
28) Bromochloromethane	5.01	49	79106	18.986	ug/l	97
29) Tetrahydrofuran	5.15	42	268532	97.321	ug/l	98
30) Chloroform	5.22	83	192056	19.289	ug/l	96
31) Cyclohexane	5.58	56	164623	19.450	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	162986	19.312	ug/l	98
36) 1,1-Dichloropropene	5.80	75	141203	18.823	ug/l	99
37) Ethyl Acetate	4.86	43	156176	19.418	ug/l	99
38) Carbon Tetrachloride	5.78	117	138464	18.345	ug/l	94

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 ClientSampleId :

Quant Time: Jan 10 00:52:47 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	174130	18.207	ug/l	98
40) Benzene	6.14	78	430709	18.816	ug/l	98
41) Methacrylonitrile	5.06	41	84675	18.276	ug/l	99
42) 1,2-Dichloroethane	6.20	62	145653	18.414	ug/l	99
43) Isopropyl Acetate	6.46	43	240889	18.988	ug/l	98
44) Trichloroethene	7.21	130	126230	18.403	ug/l	98
45) 1,2-Dichloropropane	7.52	63	107393	18.662	ug/l	99
46) Dibromomethane	7.66	93	77884	19.257	ug/l	99
47) Bromodichloromethane	7.90	83	127148	18.469	ug/l	97
48) Methyl methacrylate	7.77	41	123865	19.013	ug/l	97
49) 1,4-Dioxane	7.75	88	55822	369.794	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	781440	95.848	ug/l	99
52) Toluene	8.79	92	269160	18.295	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	139851	18.320	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158561	18.809	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115705	19.648	ug/l	98
56) Ethyl methacrylate	9.18	69	159068	18.503	ug/l	95
57) 1,3-Dichloropropane	9.37	76	182604	18.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447114	101.153	ug/l	99
59) 2-Hexanone	9.49	43	604775	97.341	ug/l	99
60) Dibromochloromethane	9.59	129	106265	18.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122689	18.925	ug/l	99
64) Tetrachloroethene	9.34	164	123652	19.039	ug/l	99
65) Chlorobenzene	10.14	112	307141	18.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106873	19.418	ug/l	99
67) Ethyl Benzene	10.25	91	506061	18.736	ug/l	100
68) m/p-Xylenes	10.36	106	397562	37.360	ug/l	100
69) o-Xylene	10.70	106	192533	18.552	ug/l	96
70) Styrene	10.71	104	308776	18.786	ug/l	99
71) Bromoform	10.86	173	78387	19.141	ug/l #	98
73) Isopropylbenzene	11.02	105	514264	19.242	ug/l	100
74) N-amyl acetate	10.90	43	210329	19.546	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	161550	19.040	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	178243	23.207	ug/l	91
77) Bromobenzene	11.26	156	139492	18.942	ug/l	100
78) n-propylbenzene	11.36	91	559938	19.085	ug/l	100
79) 2-Chlorotoluene	11.42	91	332415	18.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	421158	18.859	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40534	18.504	ug/l	94
82) 4-Chlorotoluene	11.51	91	386955	18.923	ug/l	100
83) tert-Butylbenzene	11.77	119	425118	19.080	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	431862	19.231	ug/l	100
85) sec-Butylbenzene	11.94	105	505792	19.008	ug/l	100
86) p-Isopropyltoluene	12.07	119	454847	19.110	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	245954	18.478	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246157	19.607	ug/l	98
89) n-Butylbenzene	12.39	91	381799	18.817	ug/l	98
90) Hexachloroethane	12.60	117	62923	18.505	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	243811	18.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32528	19.384	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

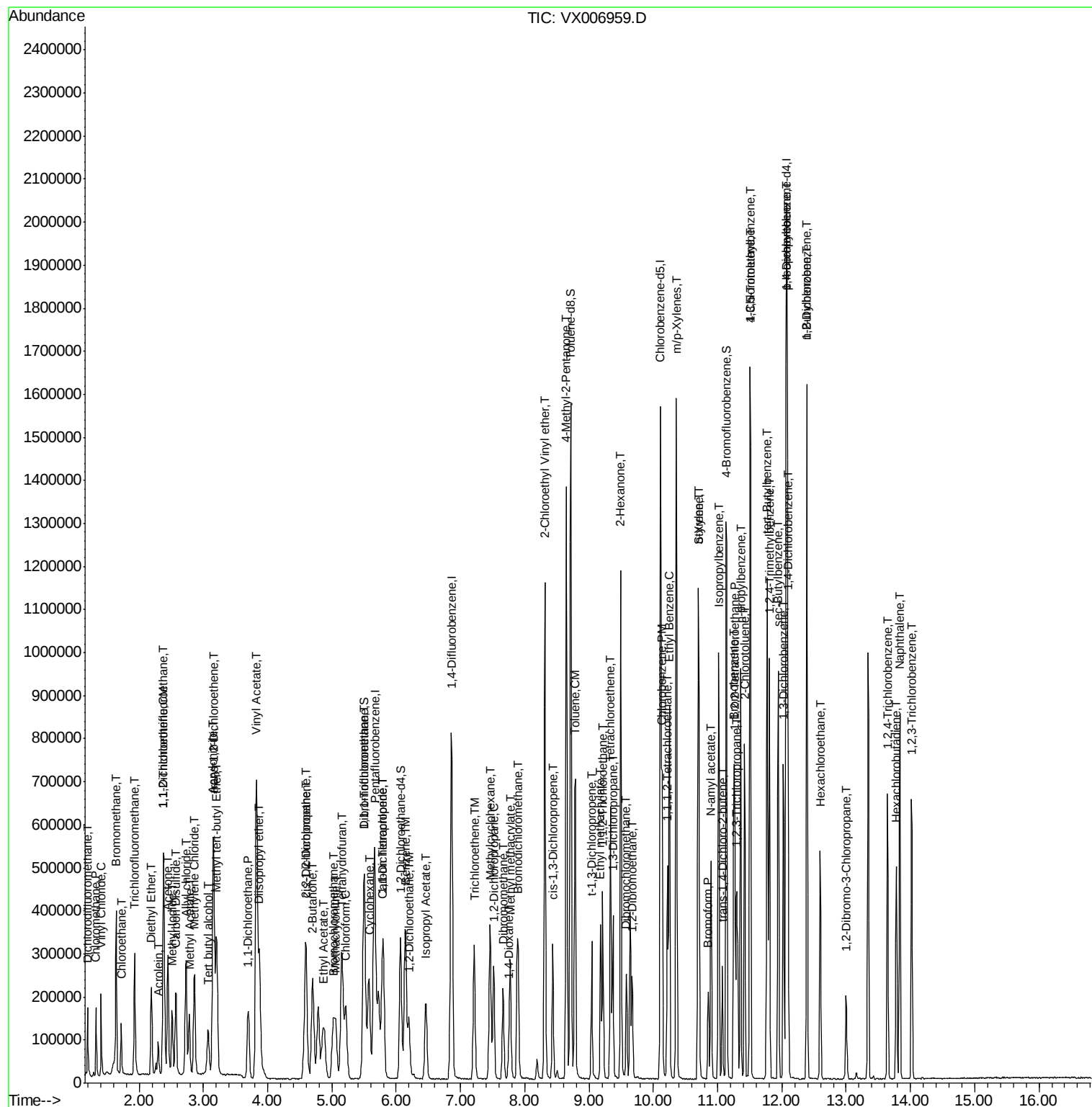
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166956	18.526	ug/l	99
94) Hexachlorobutadiene	13.78	225	75819	18.959	ug/l	97
95) Naphthalene	13.83	128	519192	19.013	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	164399	18.364	ug/l	99

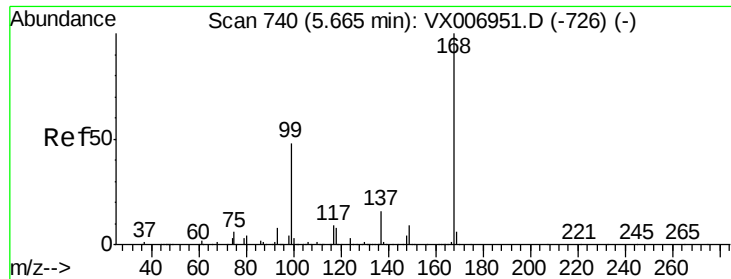
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010919\
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Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Jan 10 00:52:47 2019
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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: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

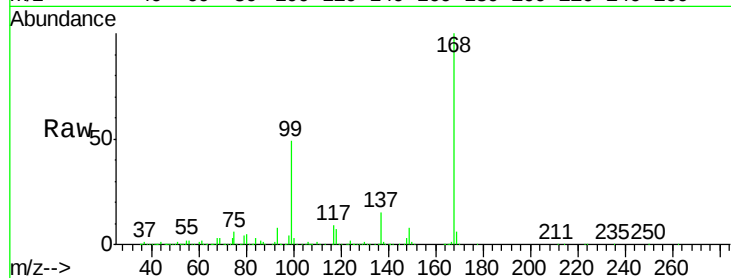
ClientSampled :

Tot Ion:168 Resp: 574332

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

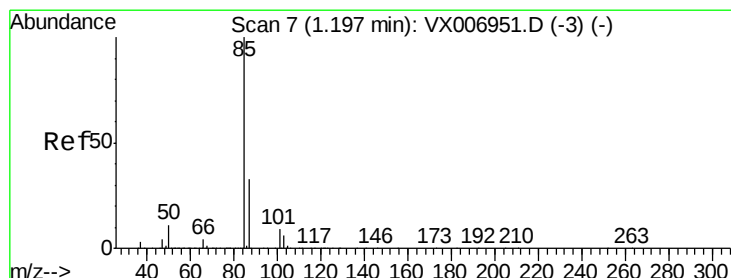
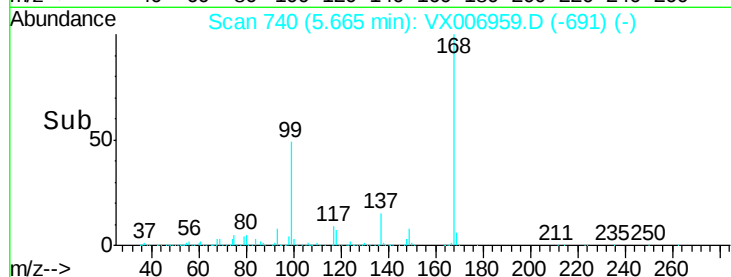
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.229 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006959.D

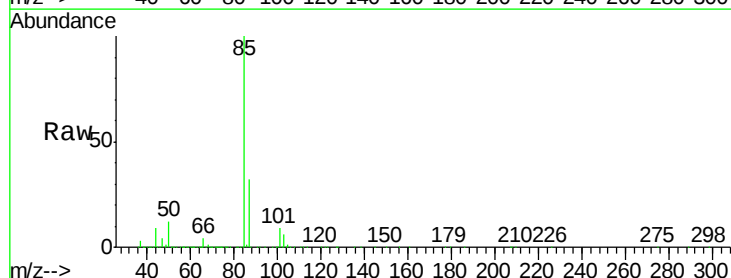
Acq: 09 Jan 2019 11:52

Tgt Ion: 85 Resp: 100124

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

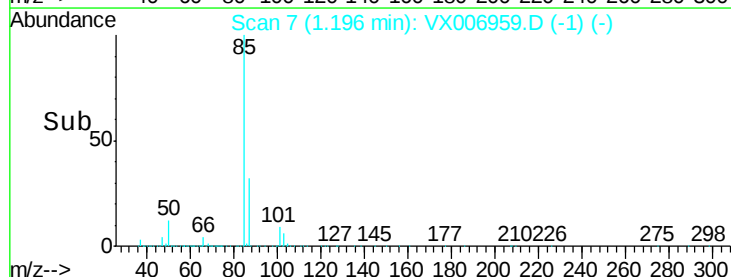
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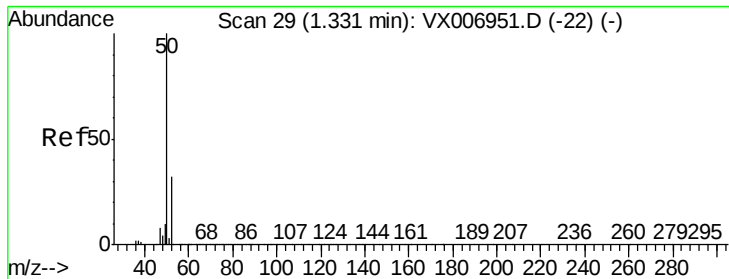
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.276 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

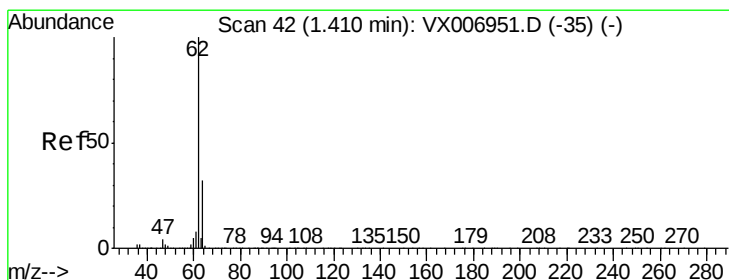
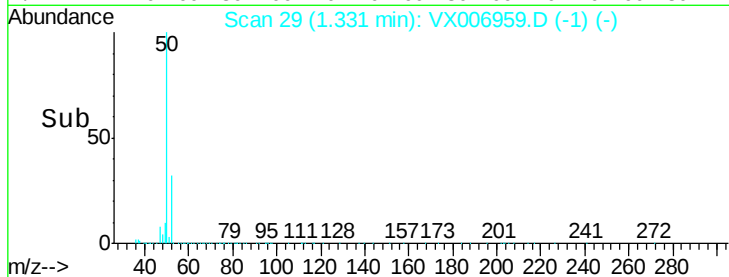
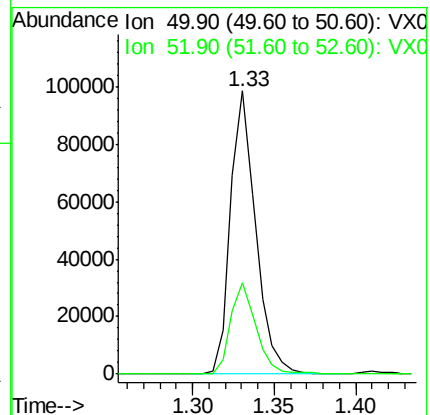
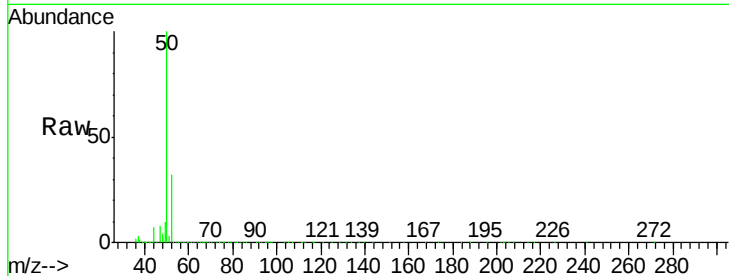
ClientSampled :

Tot Ion: 50 Resp: 105837

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 19.414 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006959.D

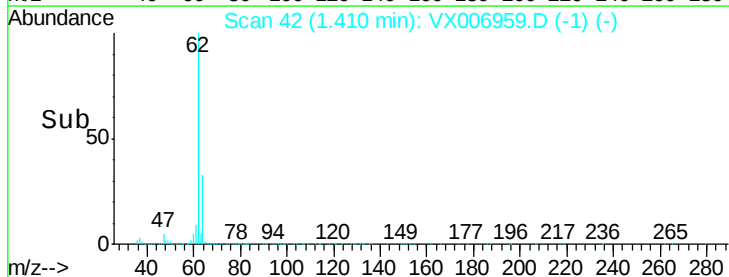
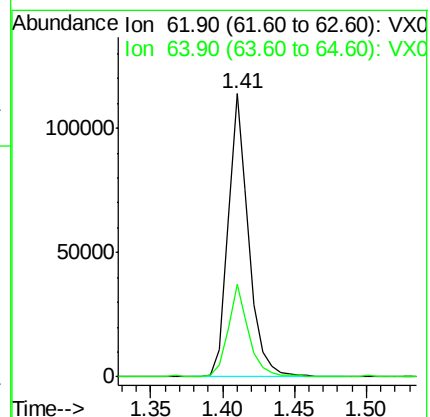
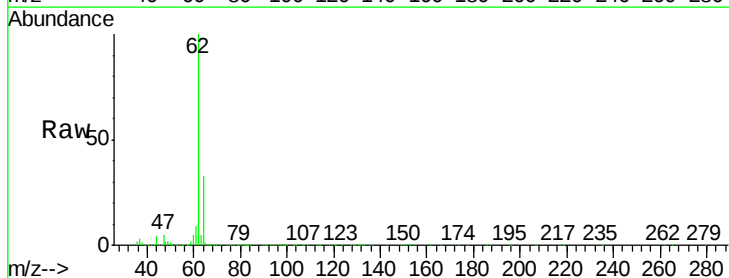
Acq: 09 Jan 2019 11:52

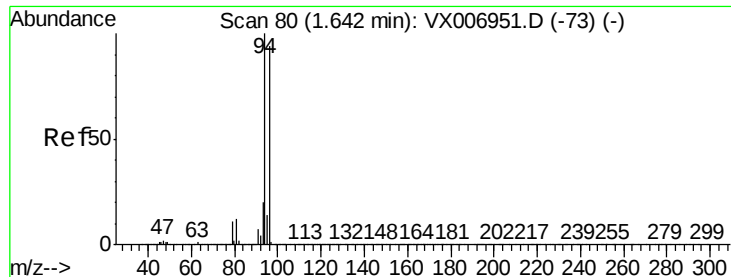
Tgt Ion: 62 Resp: 114662

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 18.421 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

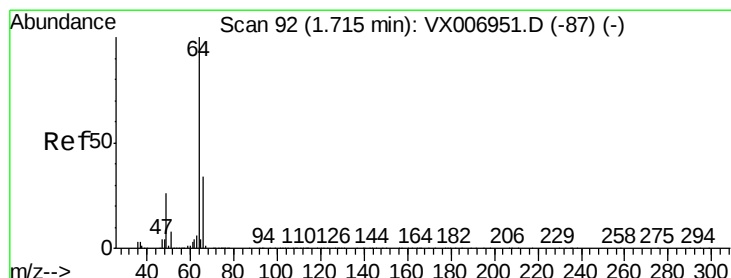
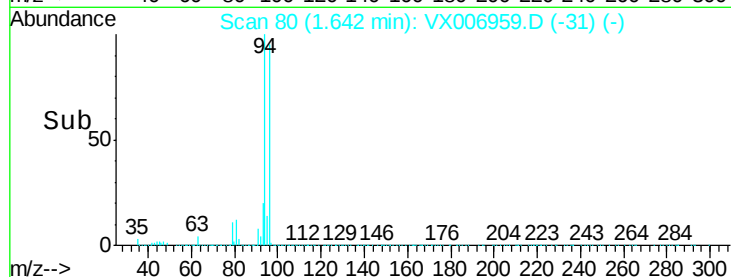
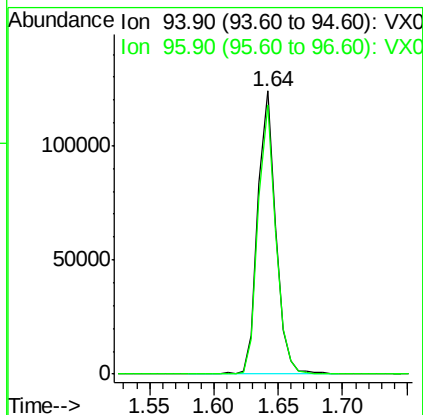
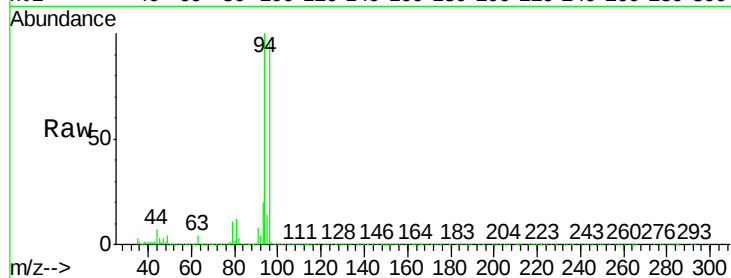
ClientSampleId :

Tot Ion: 94 Resp: 116240

Ion Ratio Lower Upper

94 100

96 95.4 73.4 110.2



#6

Chloroethane

Concen: 18.395 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006959.D

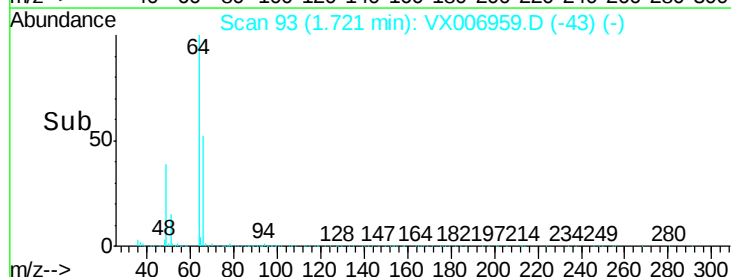
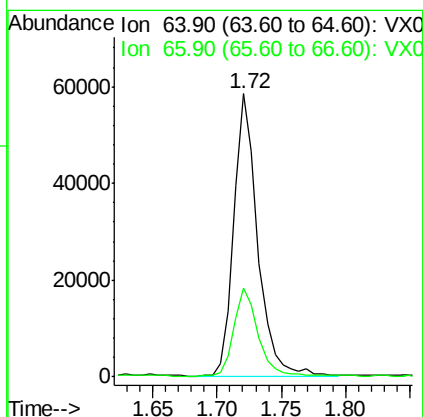
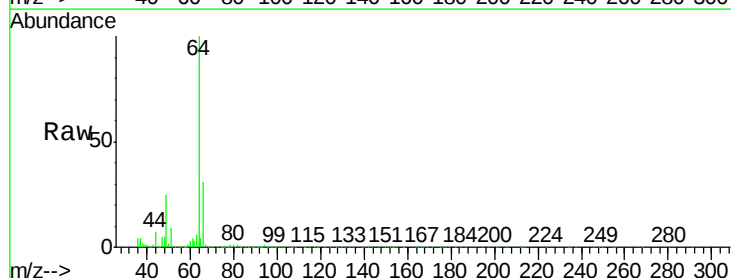
Acq: 09 Jan 2019 11:52

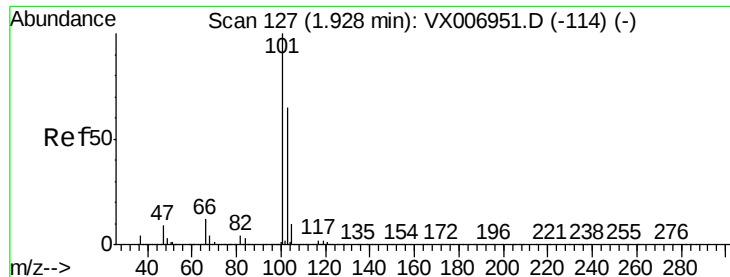
Tgt Ion: 64 Resp: 75859

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6



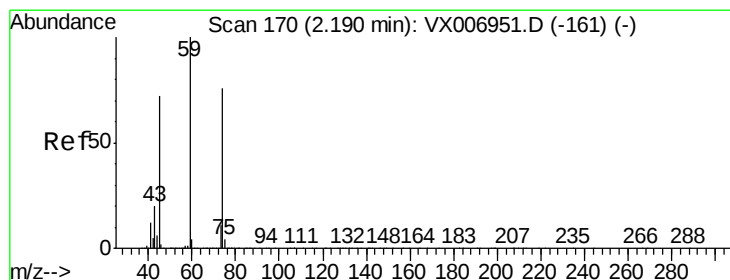
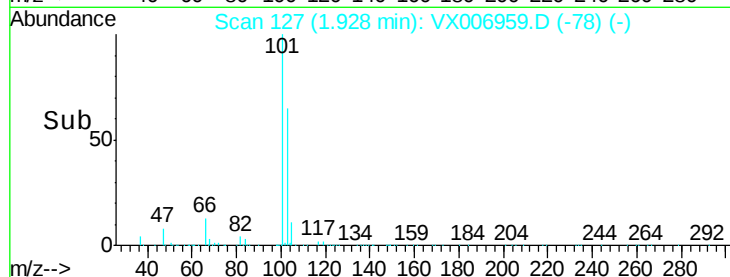
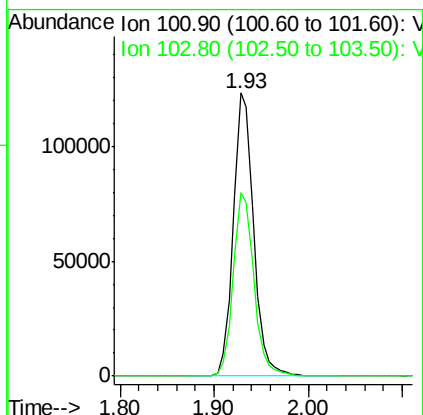
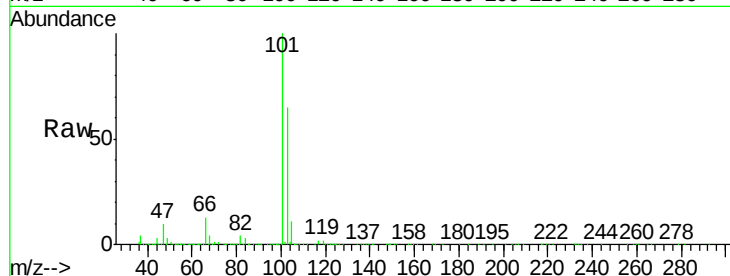


#7

Trichlorofluoromethane
Concen: 19.361 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

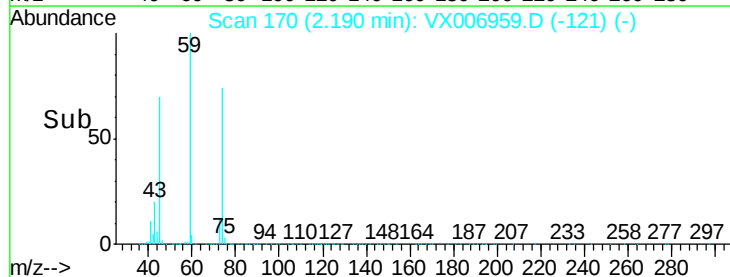
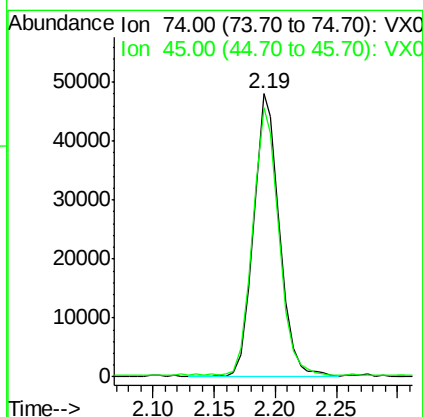
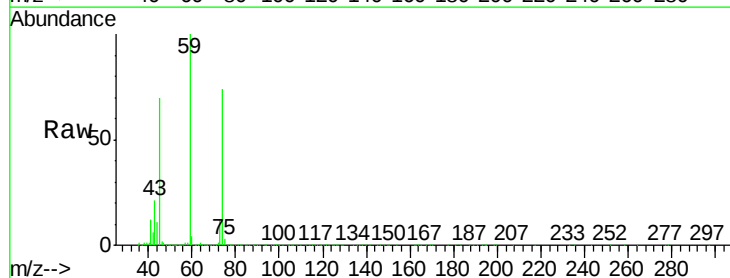
Tot Ion:101 Resp: 184760
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8

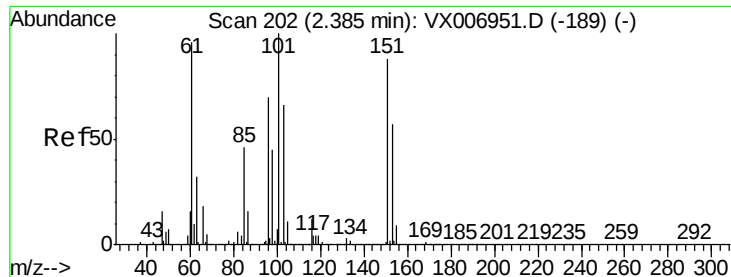


#8

Diethyl Ether
Concen: 18.765 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion: 74 Resp: 71243
Ion Ratio Lower Upper
74 100
45 95.9 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.287 ug/l

RT: 2.39 min Scan# 202

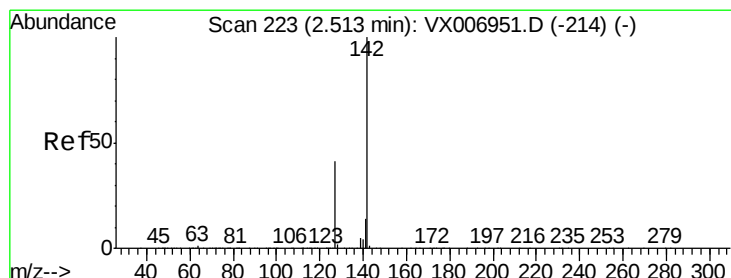
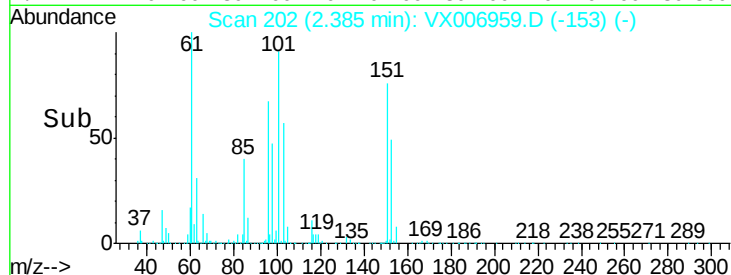
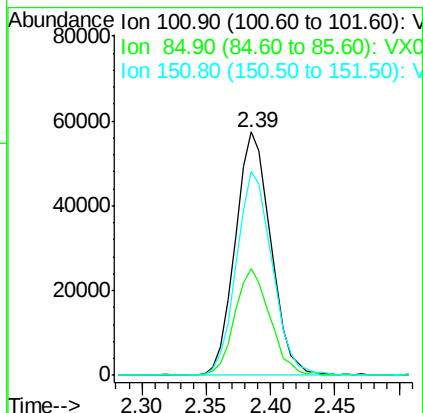
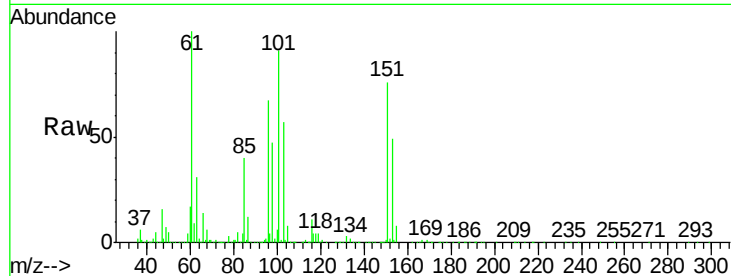
Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	101	Resp:	110195
Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.1	52.7
151	84.6	68.9	103.3



#10

Methyl Iodide

Concen: 19.757 ug/l

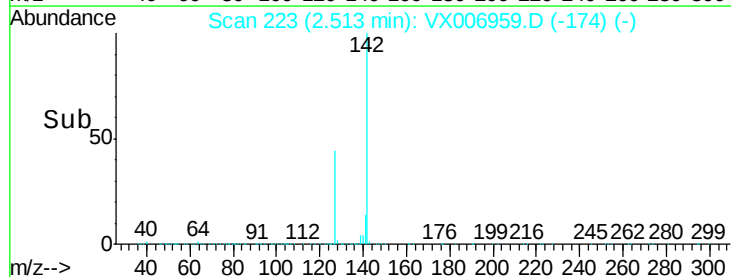
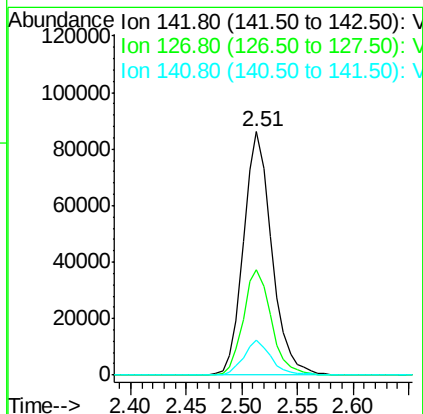
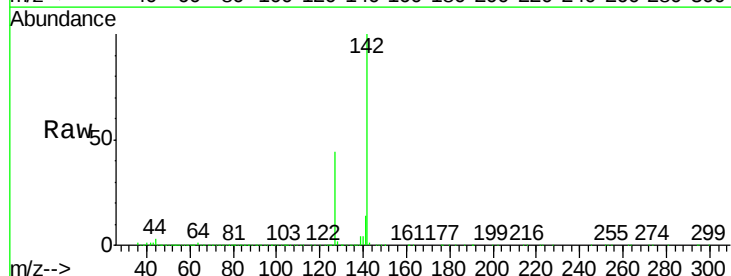
RT: 2.51 min Scan# 223

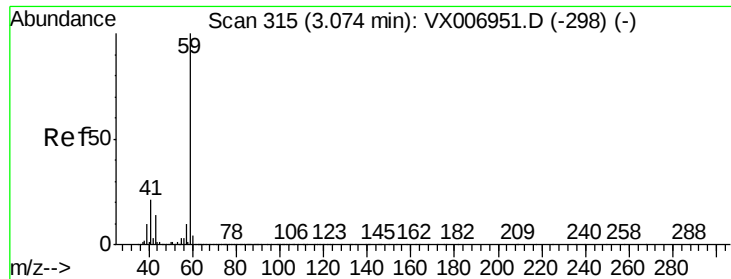
Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Tgt Ion:	142	Resp:	152262
Ion	Ratio	Lower	Upper
142	100		
127	43.4	33.9	50.9
141	13.9	11.4	17.0



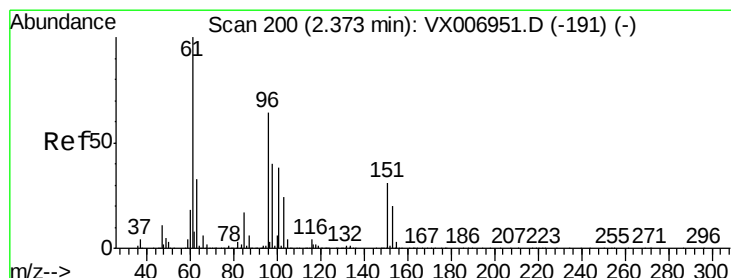
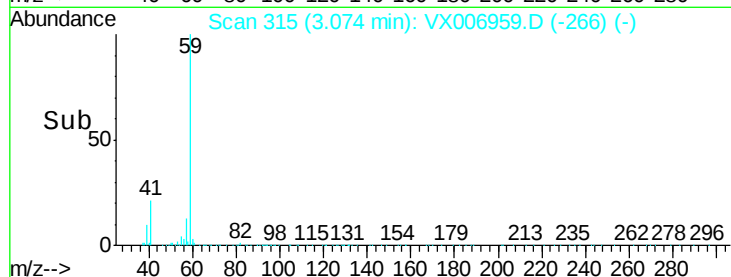
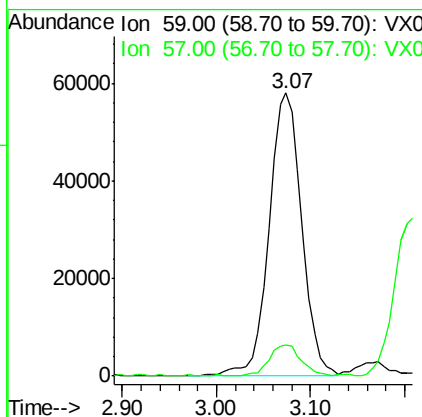
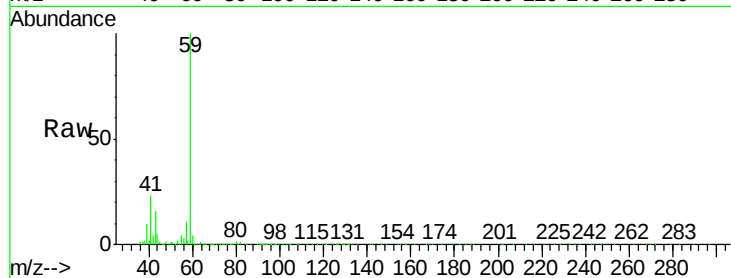


#11

Tert butyl alcohol
 Concen: 98.988 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

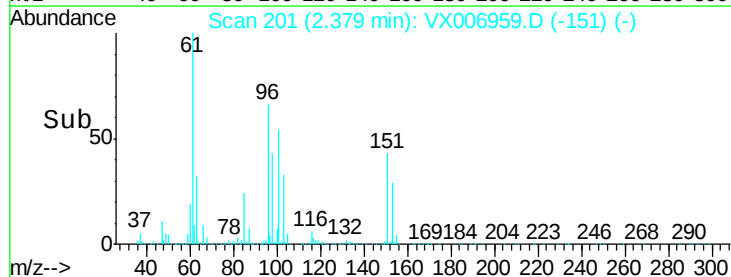
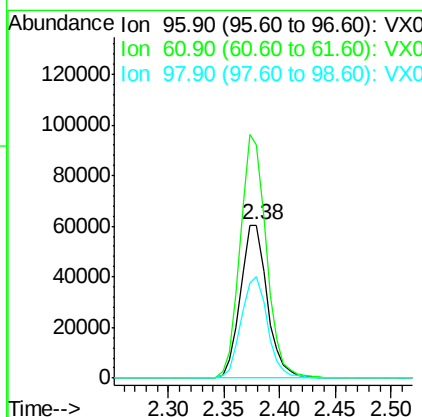
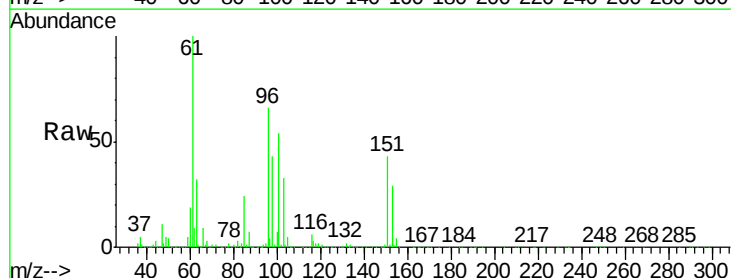
Tot Ion: 59 Resp: 140156
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

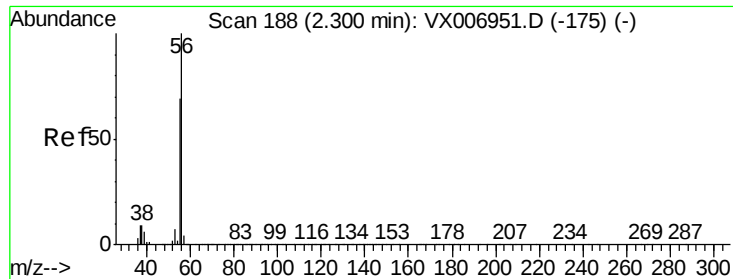


#12

1,1-Dichloroethene
 Concen: 19.210 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Tgt Ion: 96 Resp: 101400
 Ion Ratio Lower Upper
 96 100
 61 151.8 121.4 182.2
 98 65.9 51.9 77.9





#13

Acrolein

Concen: 97.375 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

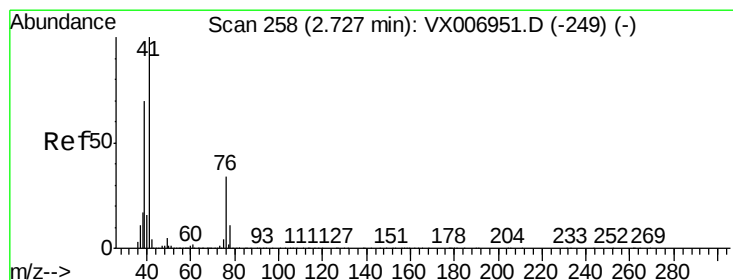
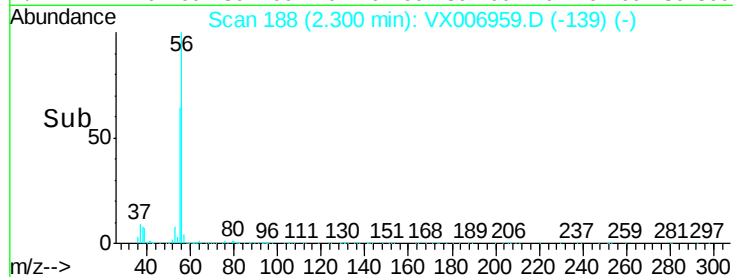
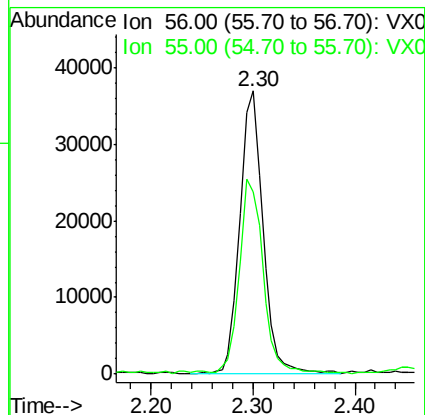
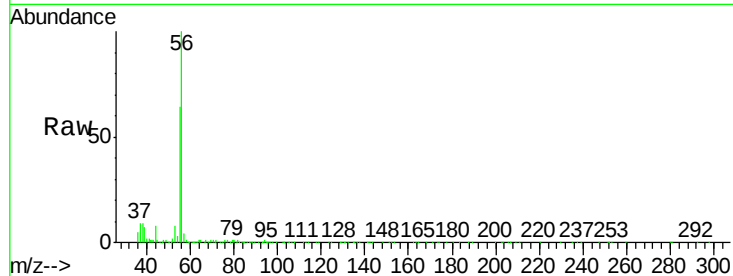
ClientSampleId :

Tot Ion: 56 Resp: 58298

Ion Ratio Lower Upper

56 100

55 69.0 58.2 87.4



#14

Allyl chloride

Concen: 19.292 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

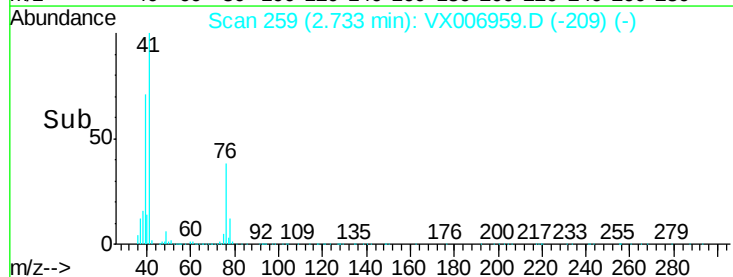
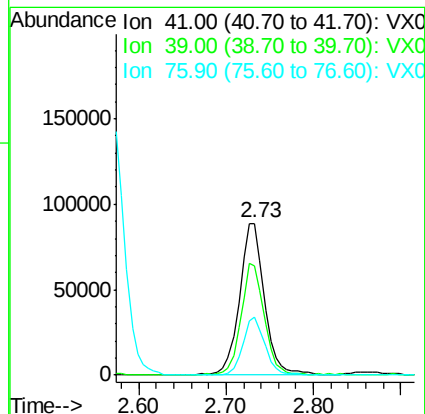
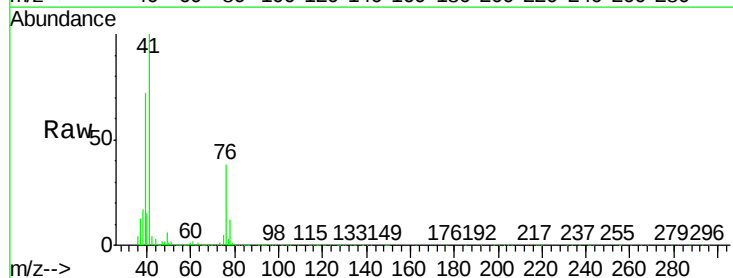
Tgt Ion: 41 Resp: 174520

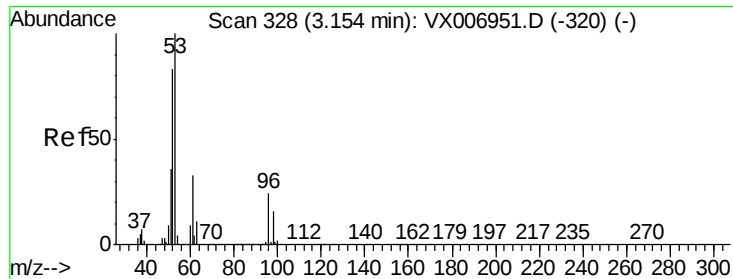
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 97.975 ug/l

RT: 3.15 min Scan# 327

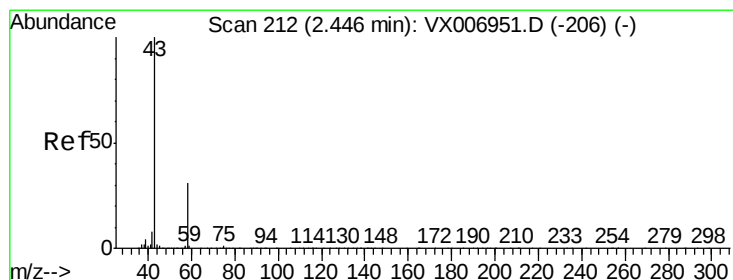
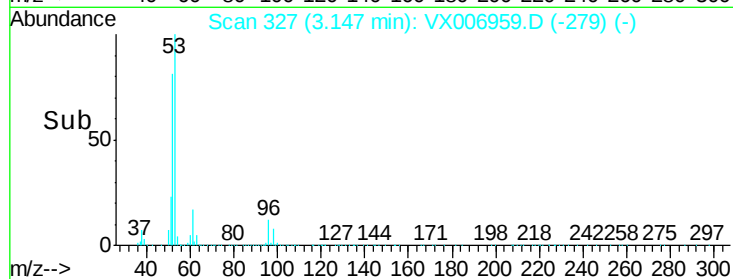
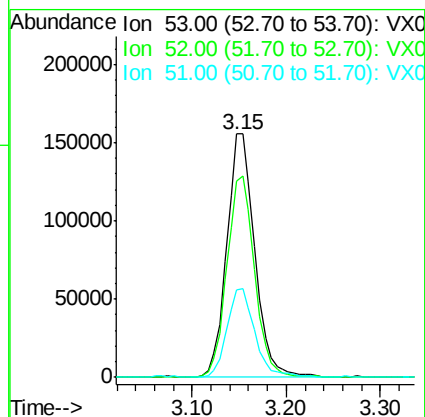
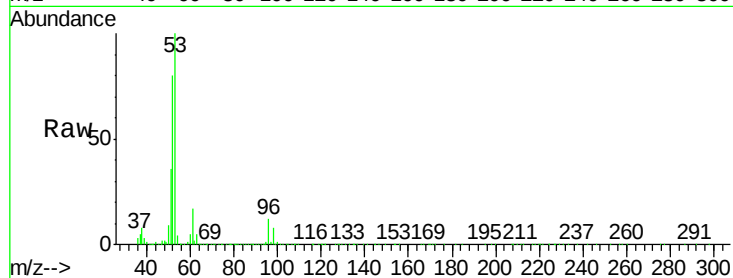
Delta R.T. -0.01 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	318457
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.0	99.0
51	36.1	28.6	42.8



#16

Acetone

Concen: 98.832 ug/l

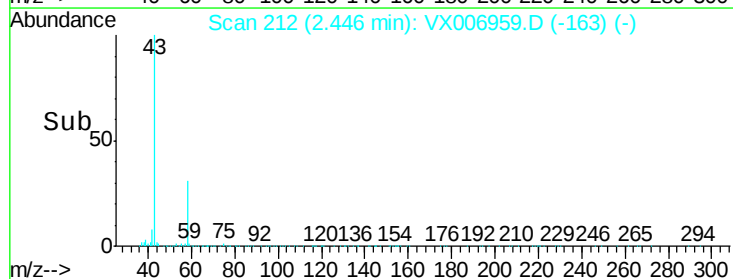
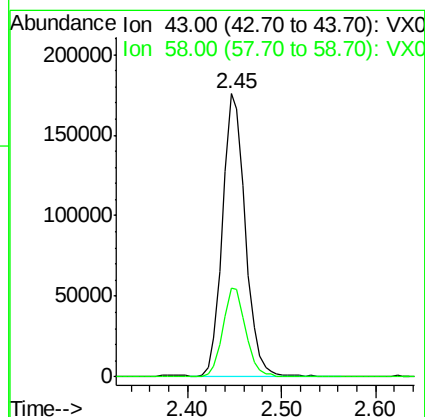
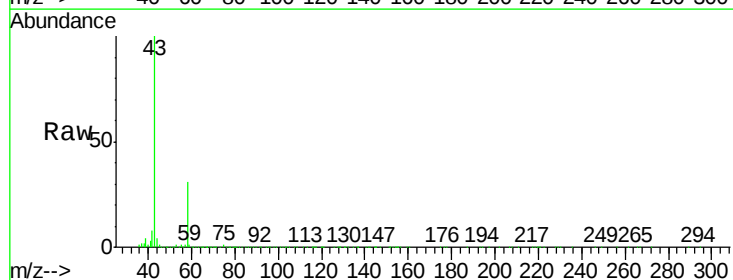
RT: 2.45 min Scan# 212

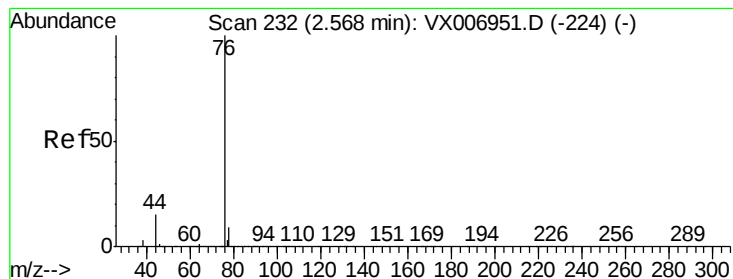
Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Tgt Ion:	43	Resp:	293268
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.0	37.6





#17

Carbon Disulfide

Concen: 18.295 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

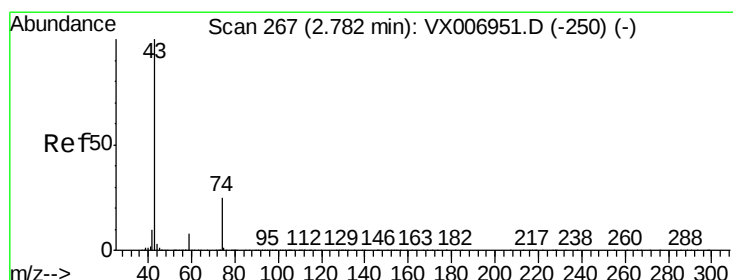
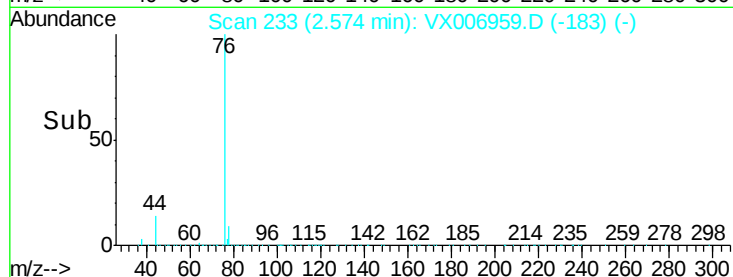
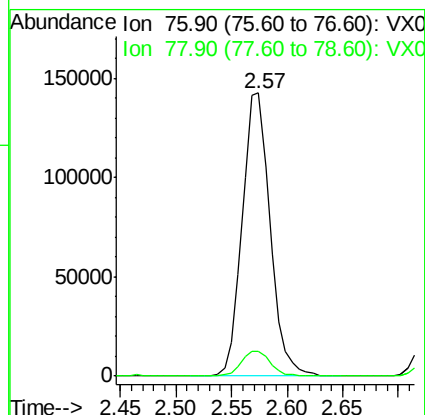
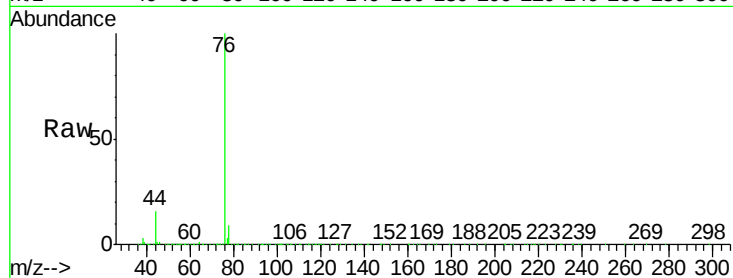
ClientSampleId :

Tot Ion: 76 Resp: 248628

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 19.052 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006959.D

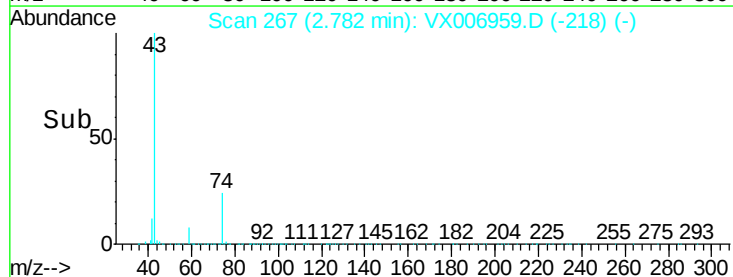
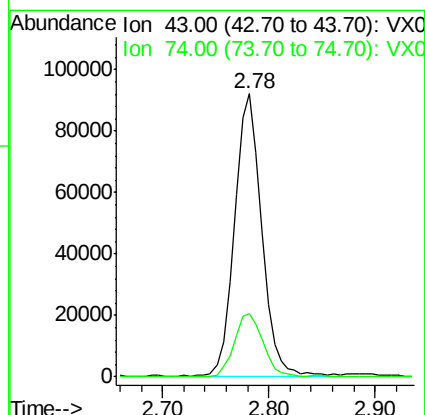
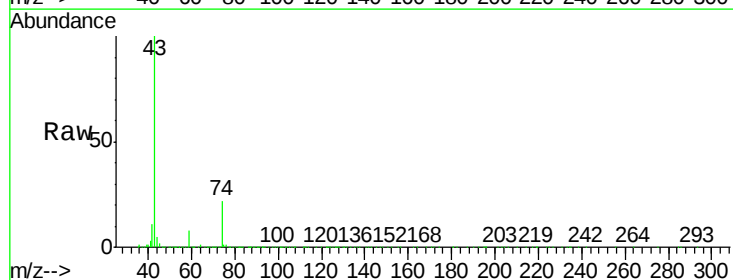
Acq: 09 Jan 2019 11:52

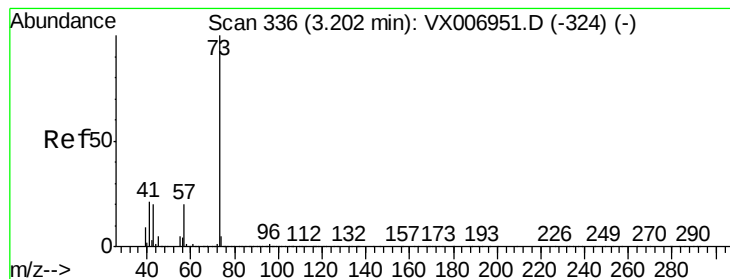
Tgt Ion: 43 Resp: 163718

Ion Ratio Lower Upper

43 100

74 23.2 18.6 28.0



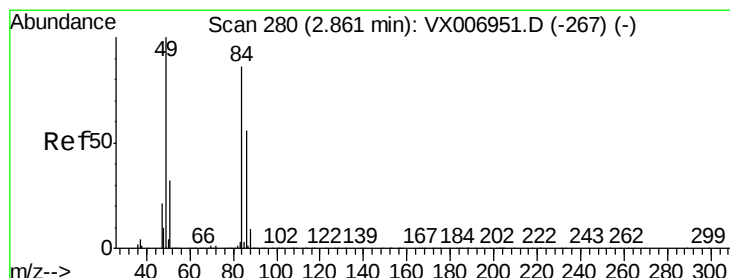
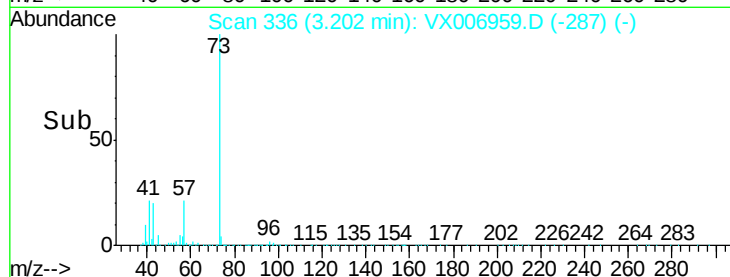
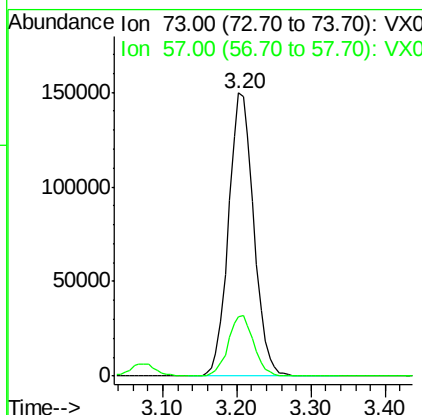
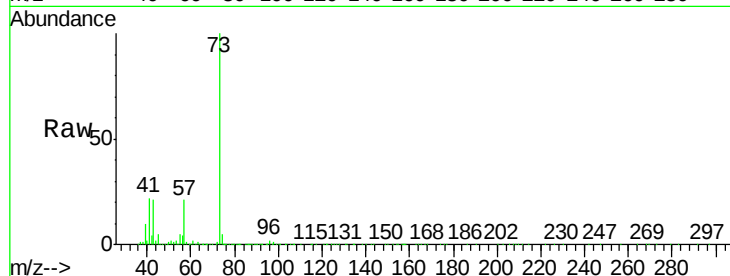


#19

Methyl tert-butyl Ether
 Concen: 19.344 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

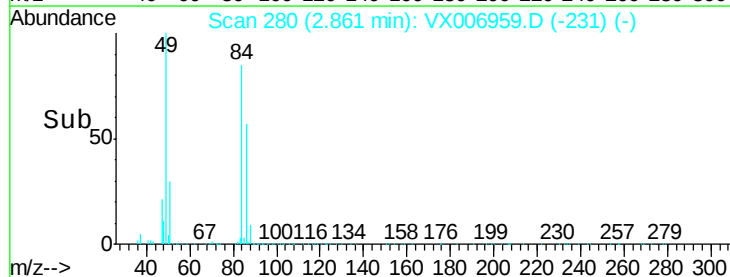
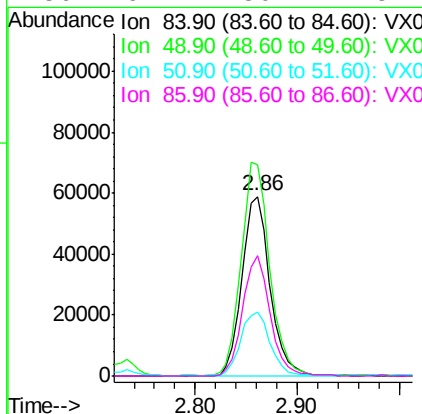
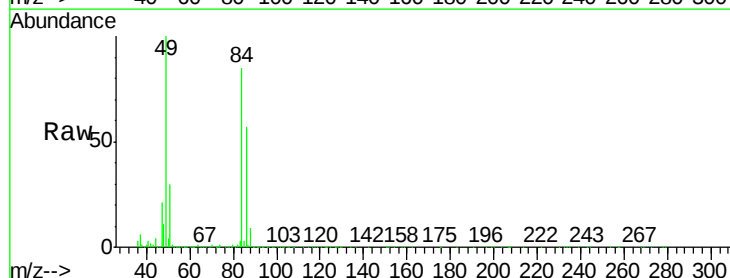
Tot Ion: 73 Resp: 354410
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.8 25.2

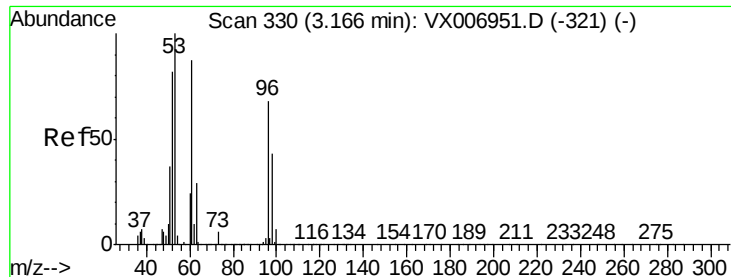


#20

Methylene Chloride
 Concen: 19.639 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Tgt Ion: 84 Resp: 112780
 Ion Ratio Lower Upper
 84 100
 49 117.3 91.8 137.6
 51 35.2 28.5 42.7
 86 67.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.688 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

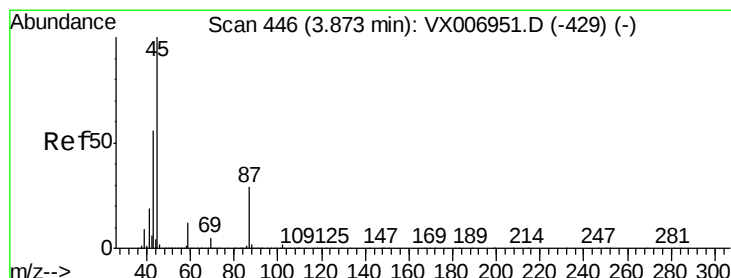
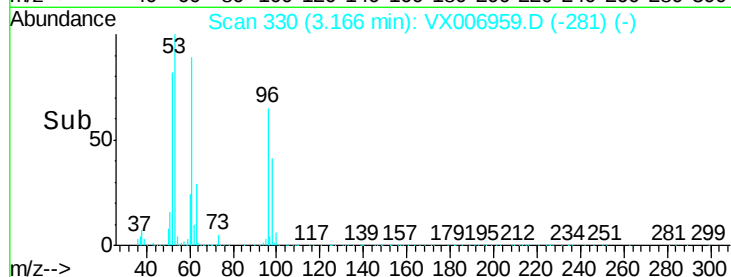
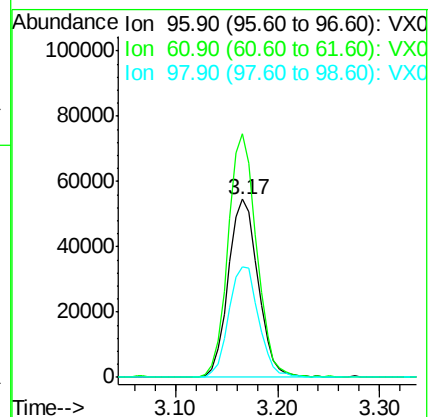
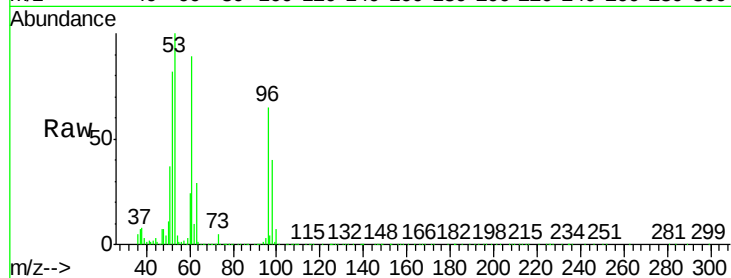
Tot Ion: 96 Resp: 109932

Ion Ratio Lower Upper

96 100

61 136.6 103.7 155.5

98 62.0 51.0 76.6



#22

Diisopropyl ether

Concen: 19.051 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Tgt Ion: 45 Resp: 324001

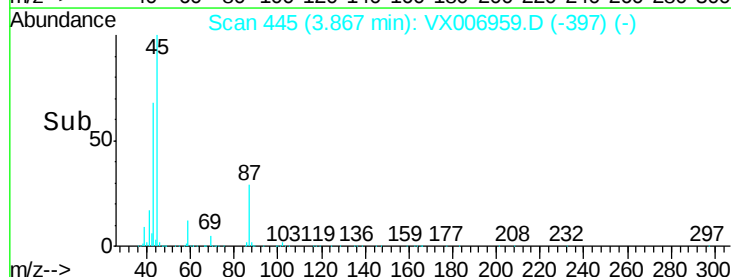
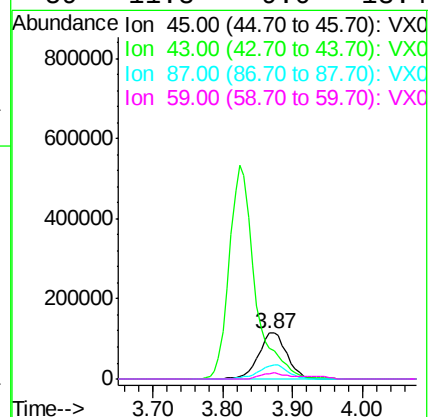
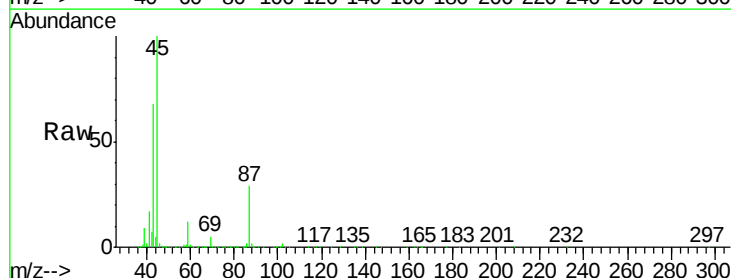
Ion Ratio Lower Upper

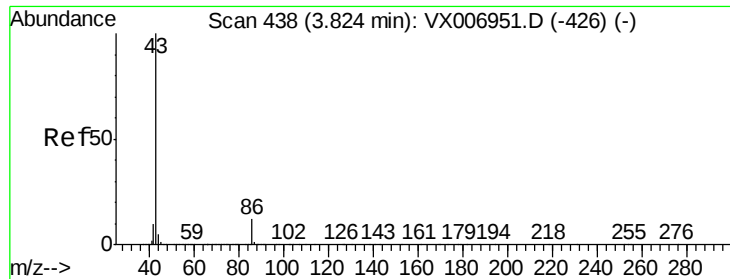
45 100

43 68.0 51.2 76.8

87 28.7 25.8 38.6

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 95.675 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

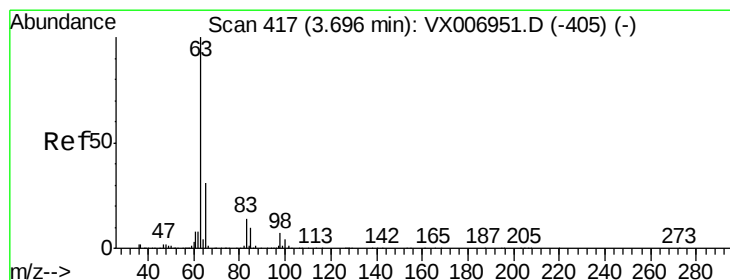
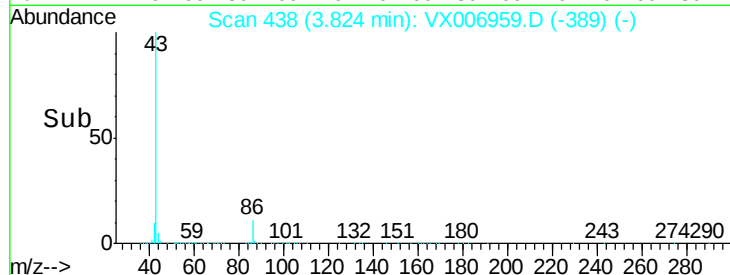
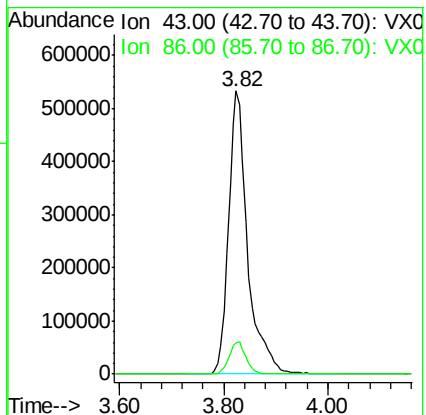
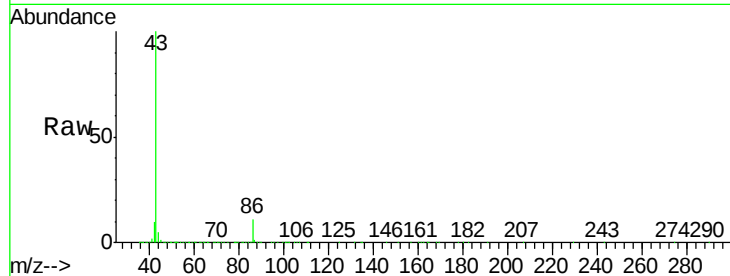
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1372222

Ion Ratio Lower Upper

43 100

86 11.2 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.253 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

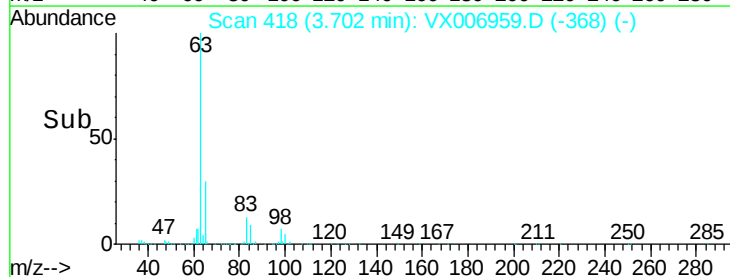
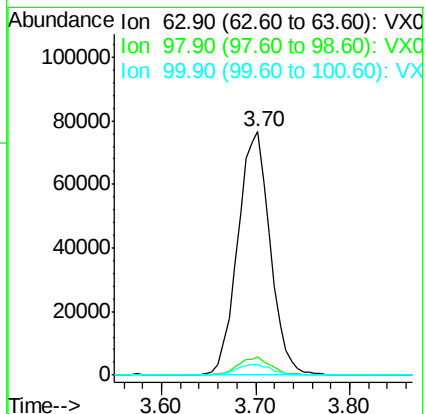
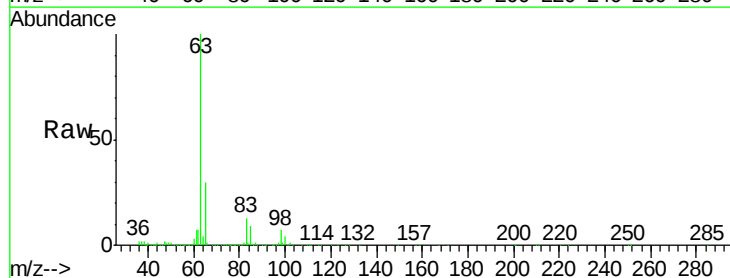
Tgt Ion: 63 Resp: 183089

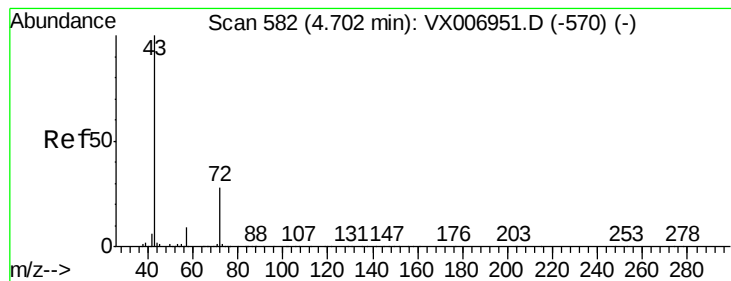
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 98.773 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

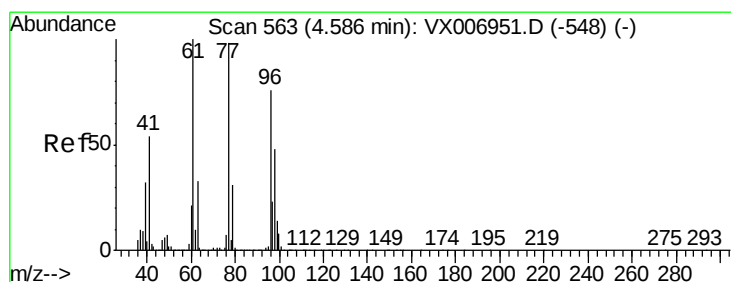
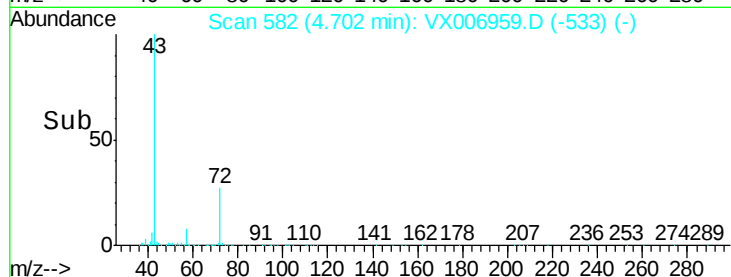
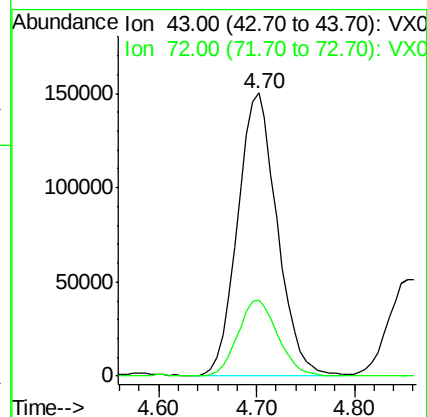
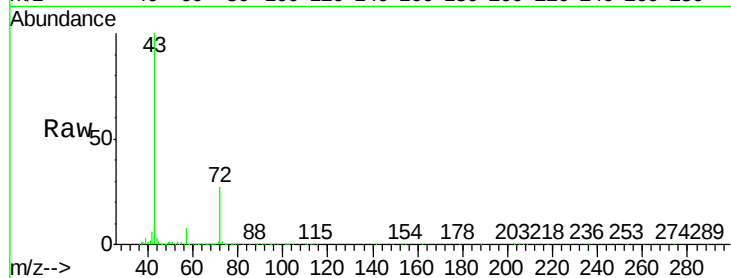
ClientSampleId :

Tot Ion: 43 Resp: 419370

Ion Ratio Lower Upper

43 100

72 26.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.903 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006959.D

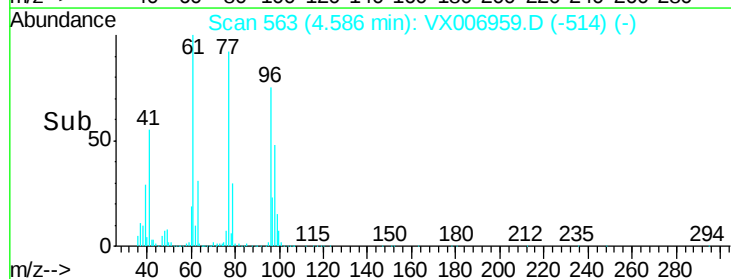
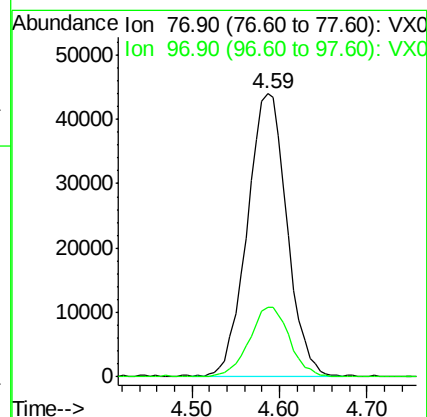
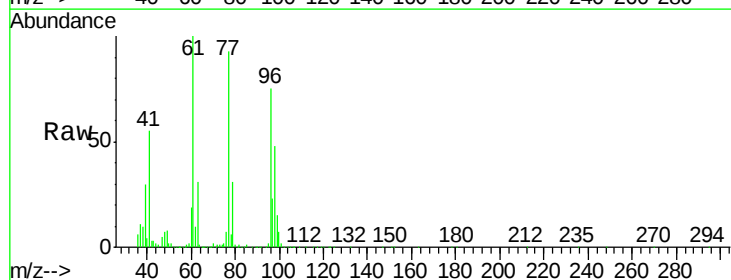
Acq: 09 Jan 2019 11:52

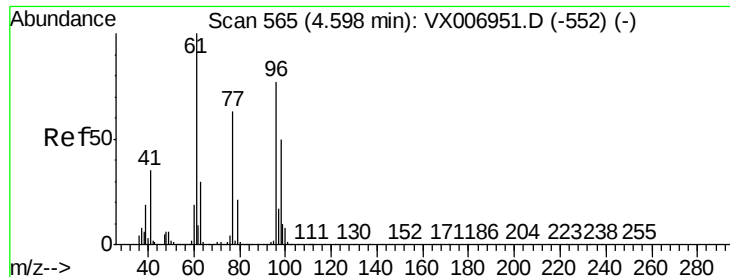
Tgt Ion: 77 Resp: 138235

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



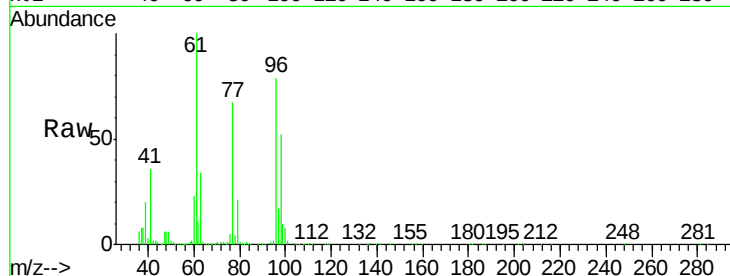


#27

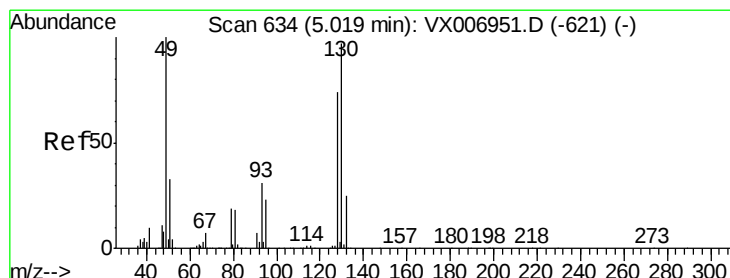
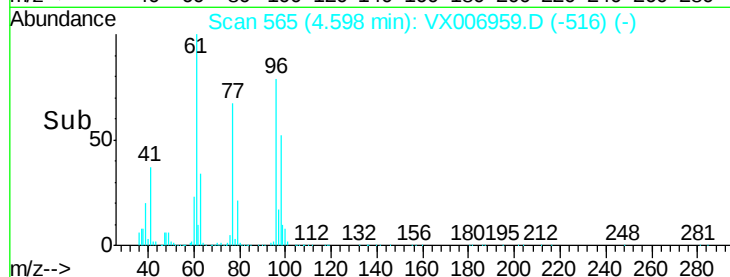
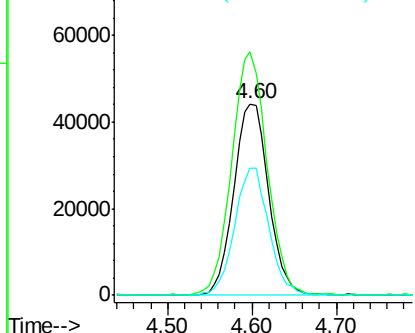
cis-1,2-Dichloroethene
Concen: 18.972 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	258.6
98	65.3	0.0	132.0



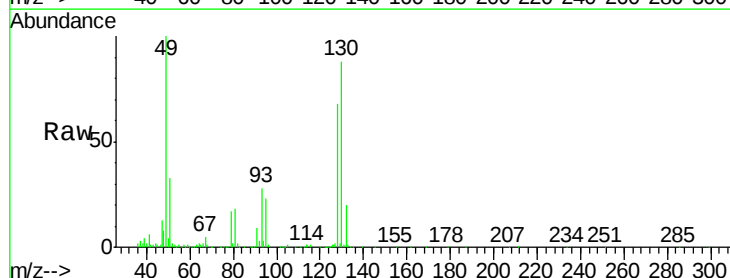
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



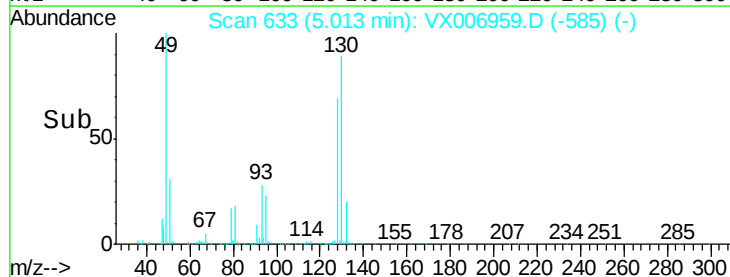
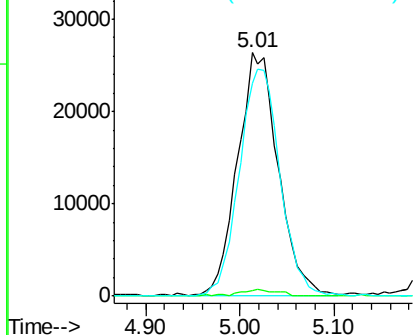
#28

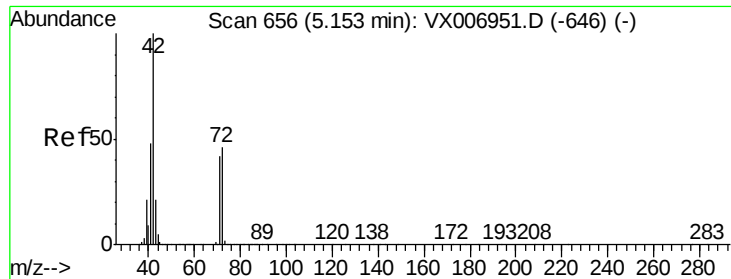
Bromochloromethane
Concen: 18.986 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.4	77.7	116.5



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





#29

Tetrahydrofuran

Concen: 97.321 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

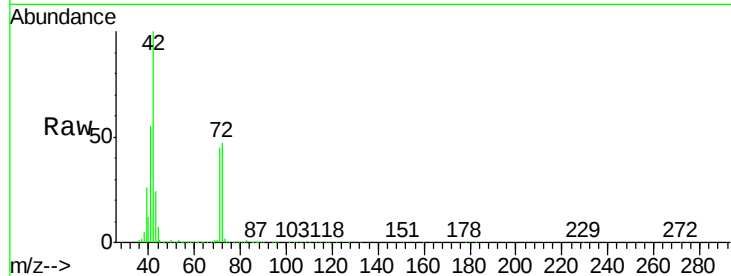
Tot Ion: 42 Resp: 268532

Ion Ratio Lower Upper

42 100

72 47.7 38.9 58.3

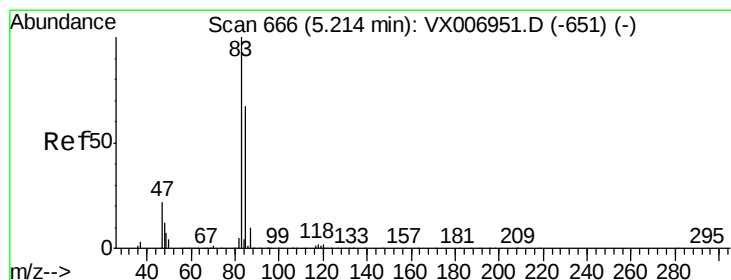
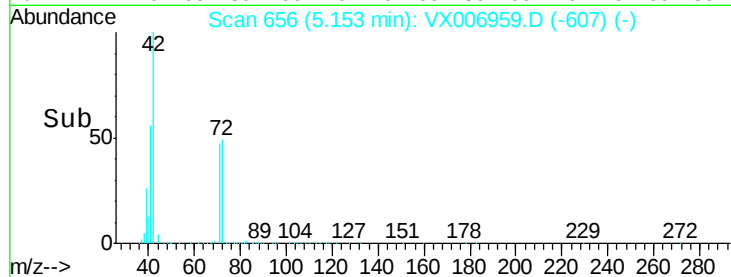
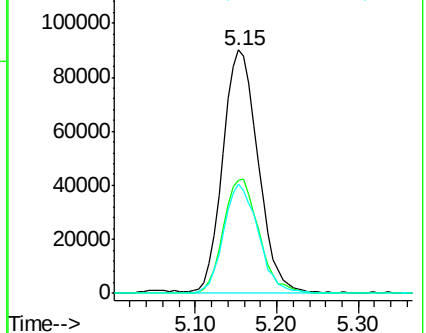
71 44.0 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.289 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006959.D

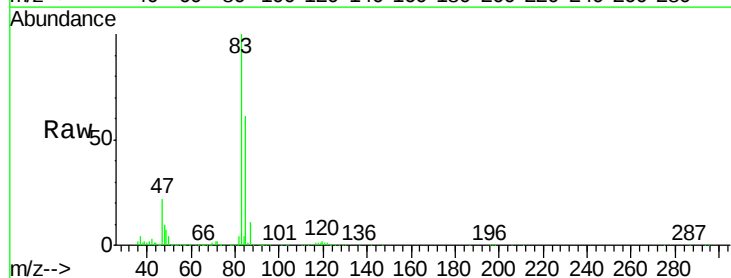
Acq: 09 Jan 2019 11:52

Tgt Ion: 83 Resp: 192056

Ion Ratio Lower Upper

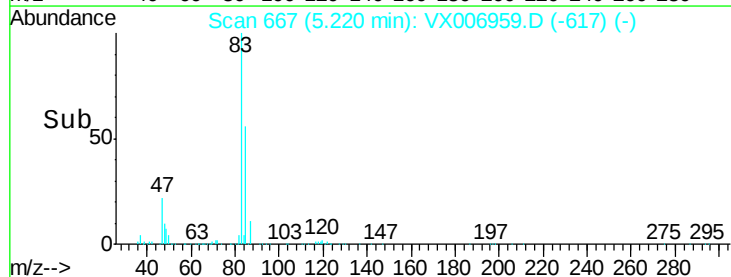
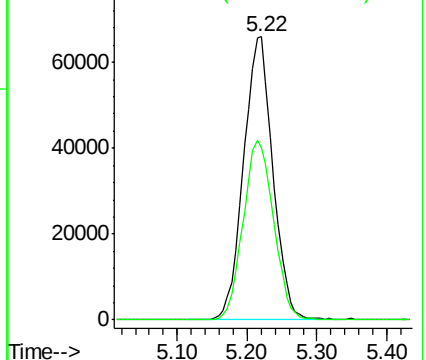
83 100

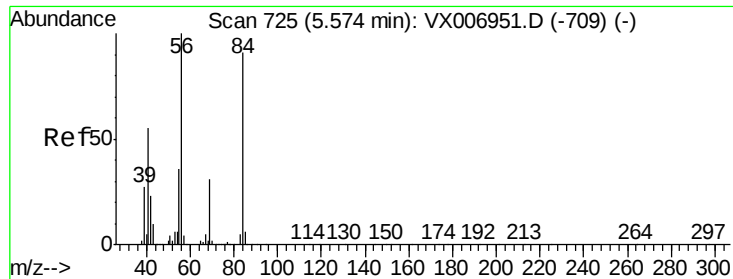
85 60.7 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

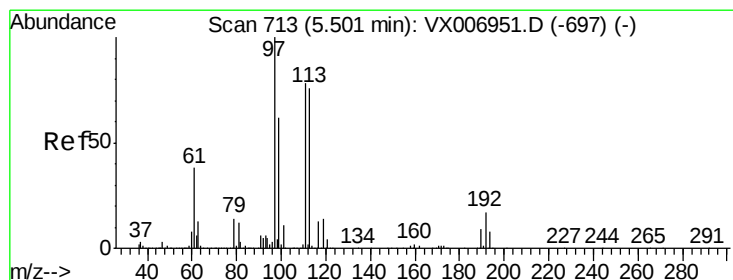
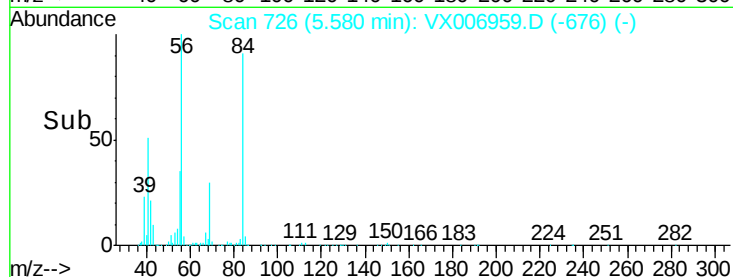
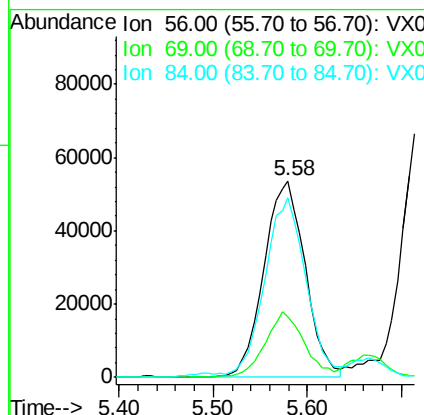
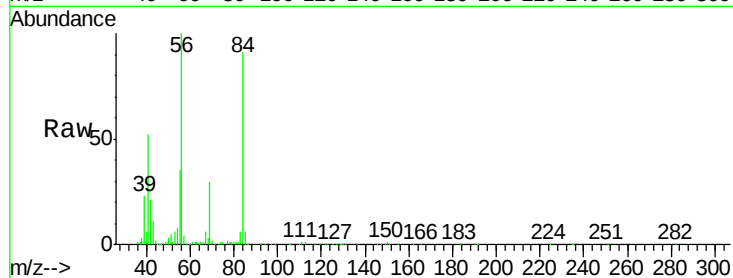




#31
Cyclohexane
Concen: 19.450 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

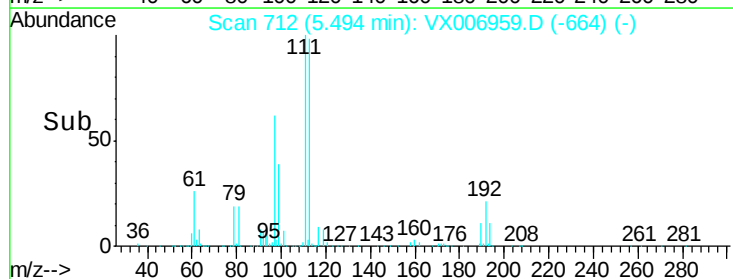
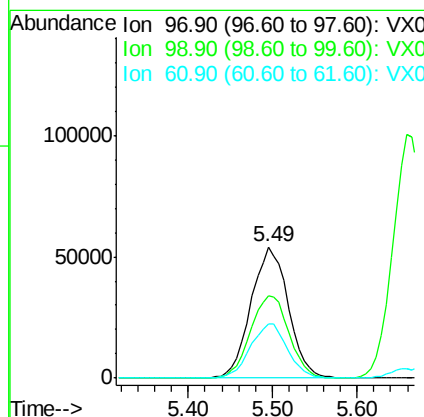
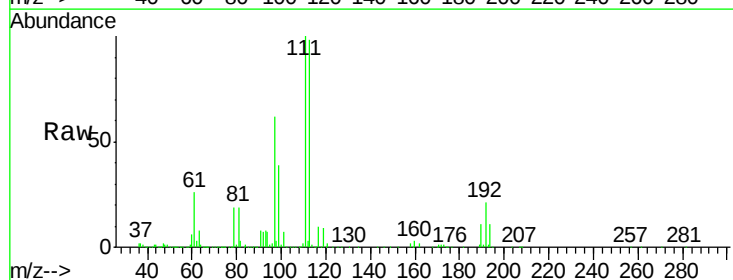
Instrument :
MSVOA_X
ClientSampleId :

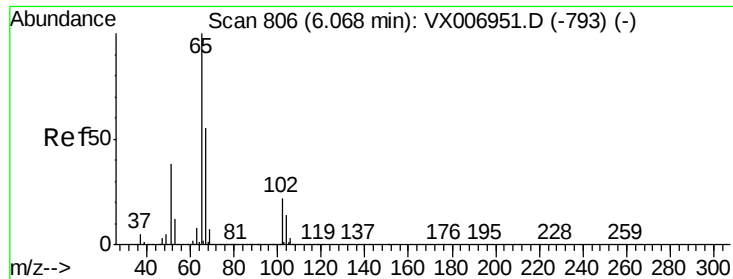
Tot Ion: 56 Resp: 164623
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 90.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.312 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion: 97 Resp: 162986
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 41.6 31.3 46.9

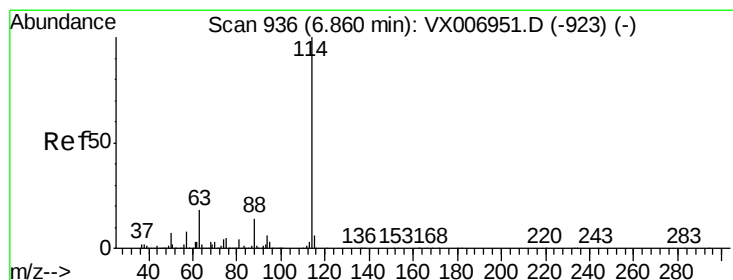
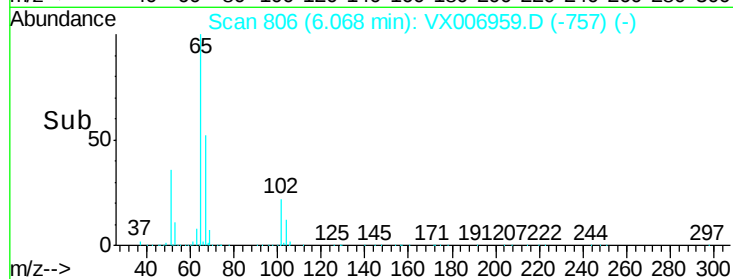
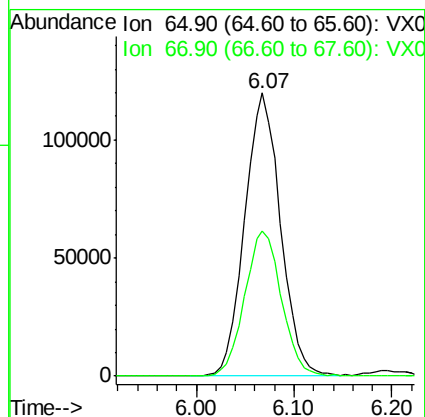
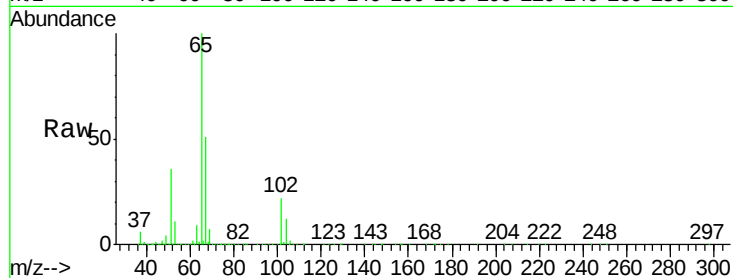




#33
 1,2-Dichloroethane-d4
 Concen: 50.647 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

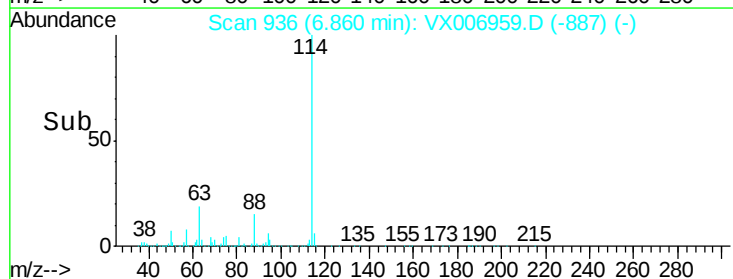
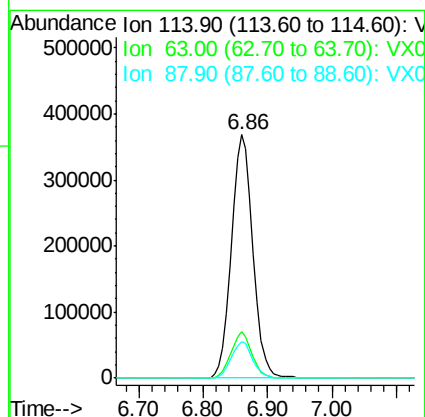
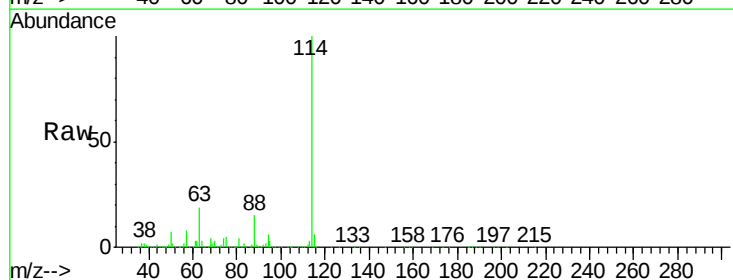
Instrument :
 MSVOA_X
 ClientSampled :

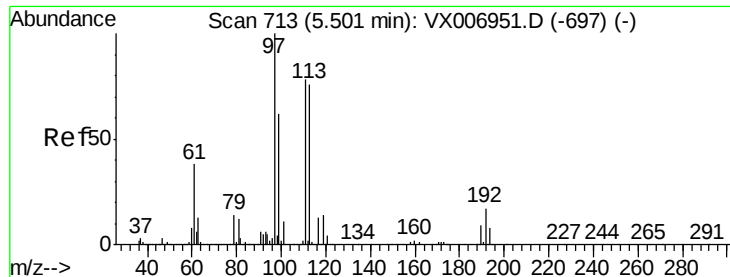
Tot Ion: 65 Resp: 303998
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Tgt Ion: 114 Resp: 862855
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.8
 88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.906 ug/l

RT: 5.50 min Scan# 713

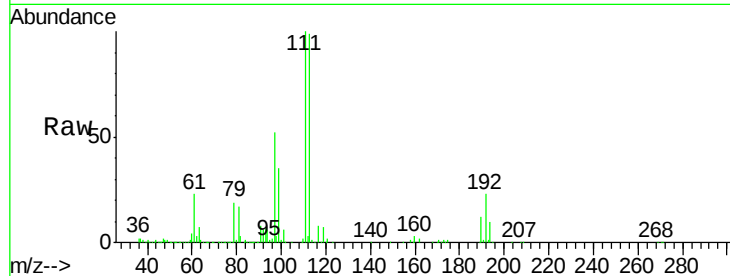
Delta R.T. -0.00 min

Lab File: VX006959.D

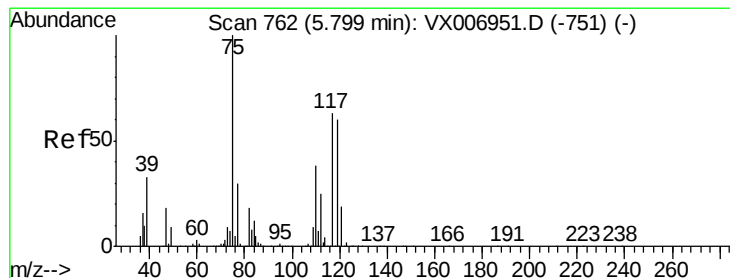
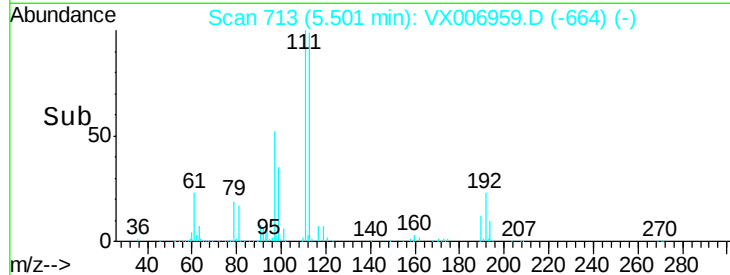
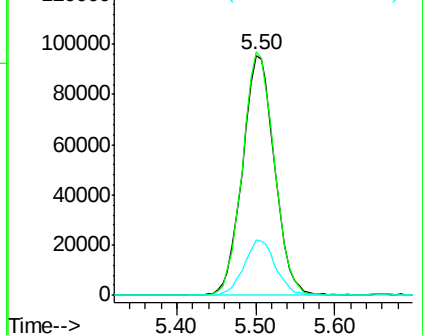
Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	270240
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.6	122.4
192	22.8	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: 18.823 ug/l

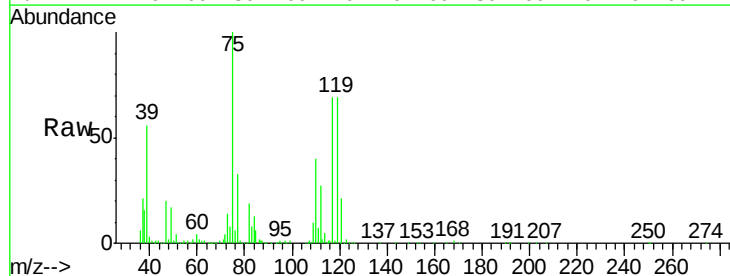
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

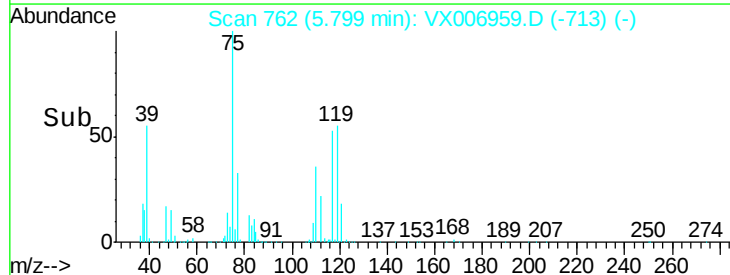
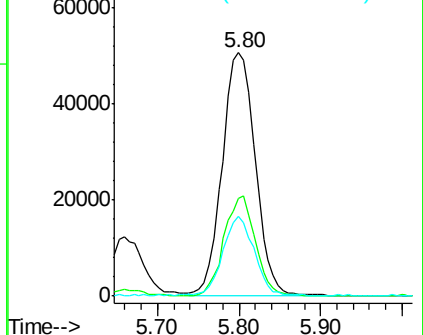
Lab File: VX006959.D

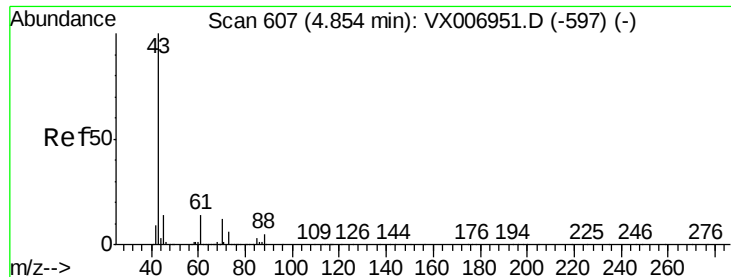
Acq: 09 Jan 2019 11:52

Tgt Ion:	75	Resp:	141203
Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.2	60.5
77	31.4	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

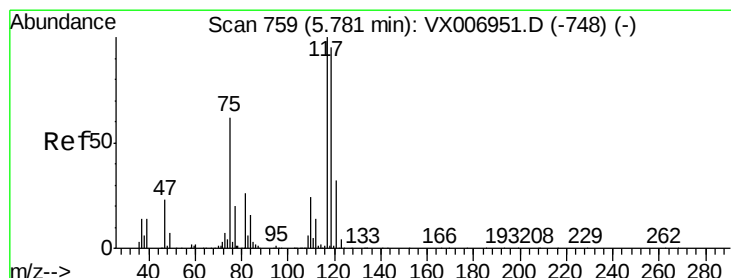
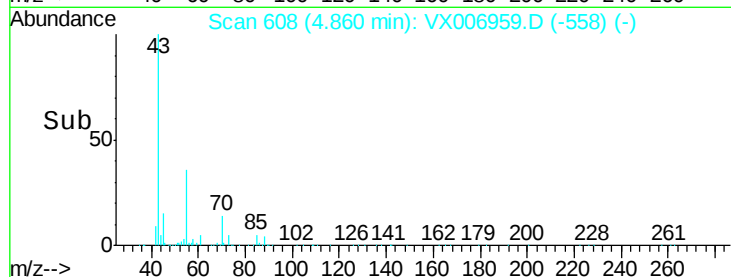
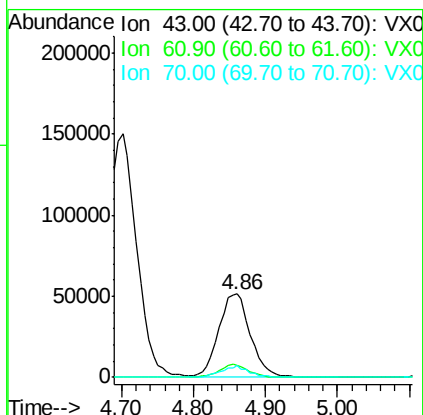
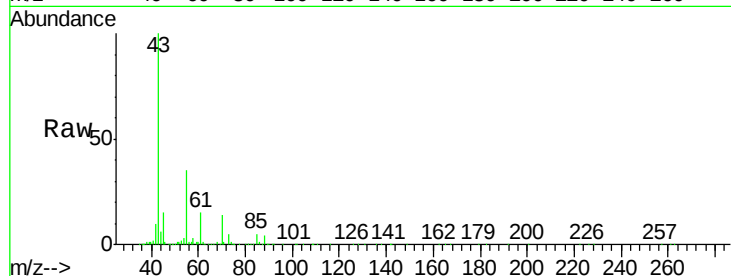




#37
Ethyl Acetate
Concen: 19.418 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

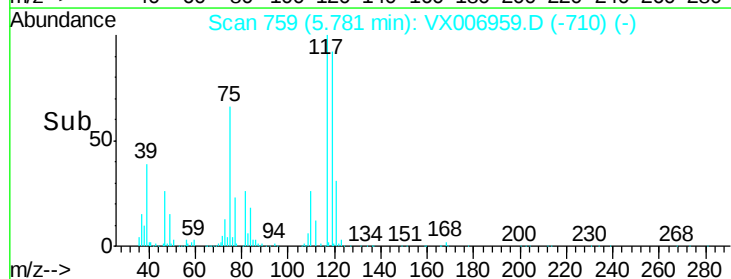
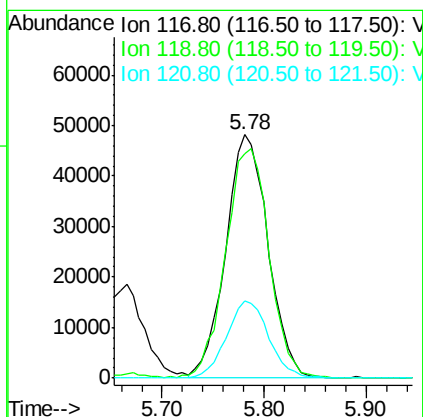
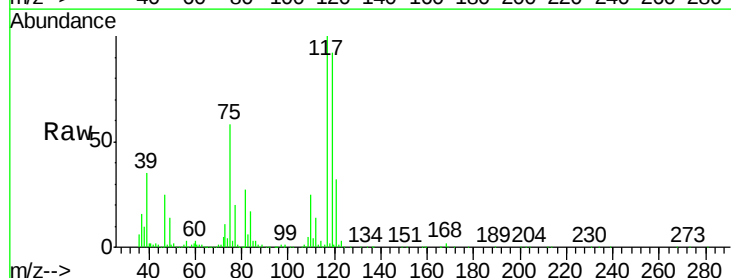
Instrument :
MSVOA_X
ClientSampleId :

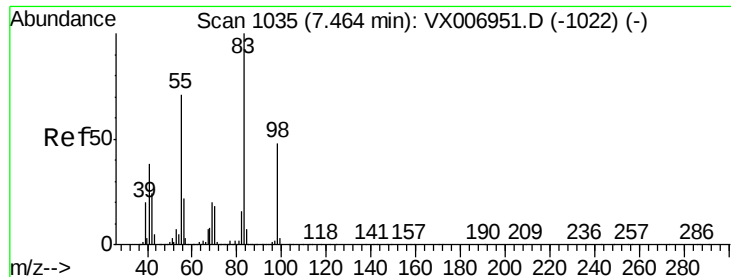
Tot Ion: 43 Resp: 156176
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 12.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.345 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion: 117 Resp: 138464
Ion Ratio Lower Upper
117 100
119 91.9 79.4 119.2
121 31.3 24.0 36.0

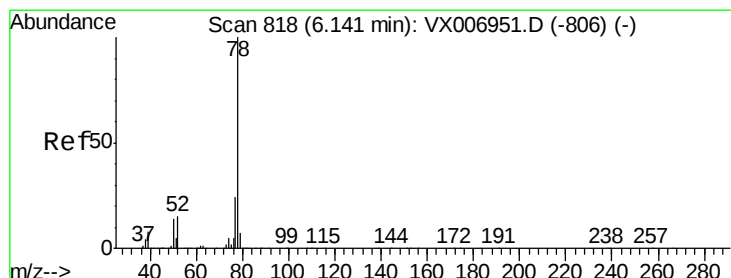
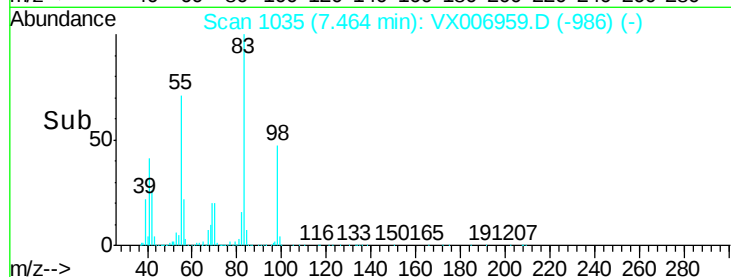
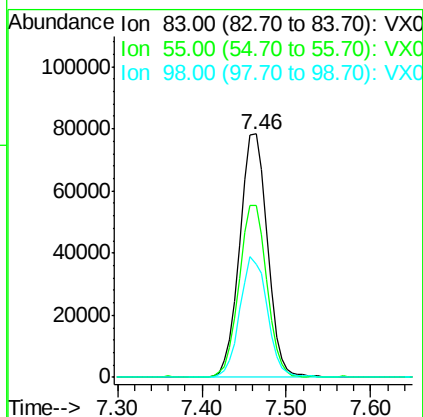
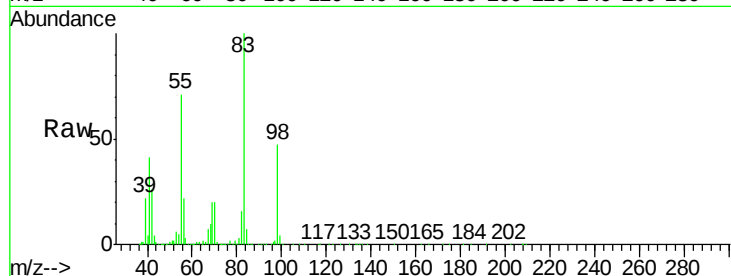




#39
Methvlcvclohexane
Concen: 18.207 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

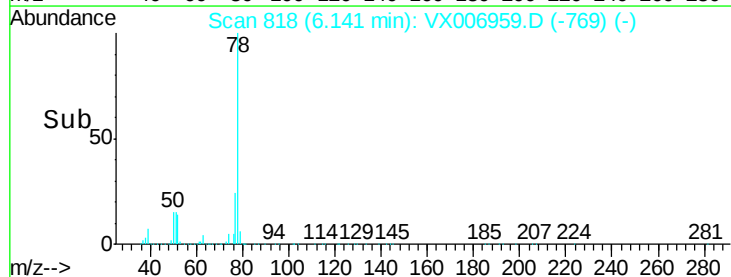
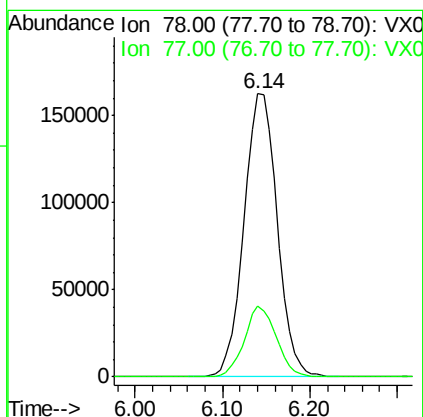
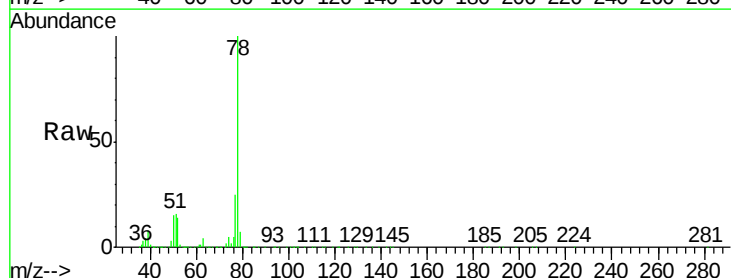
Instrument :
MSVOA_X
ClientSampleId :

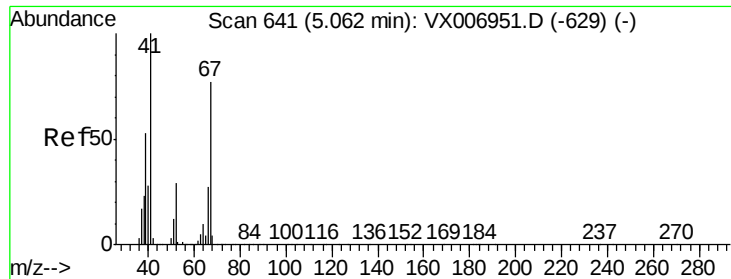
Tot Ion	83	Resp	174130
Ion Ratio	Lower	Upper	
83	100		
55	70.4	54.9	82.3
98	46.6	37.9	56.9



#40
Benzene
Concen: 18.816 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion	78	Resp	430709
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.2	28.8





#41

Methacrylonitrile

Concen: 18.276 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 84675

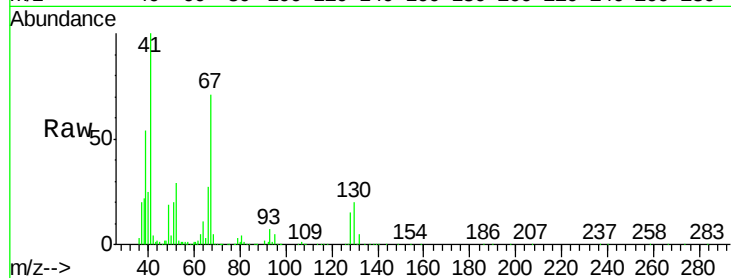
Ion Ratio Lower Upper

41 100

39 53.7 42.8 64.2

67 78.0 62.1 93.1

52 29.7 23.4 35.0

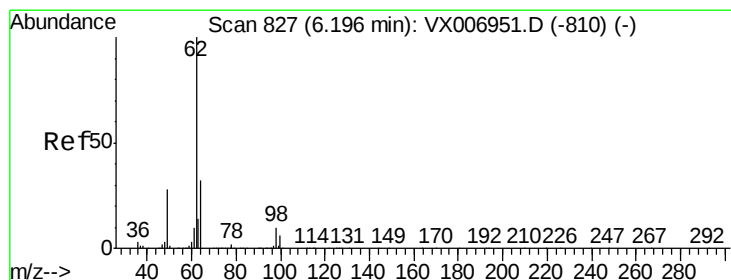
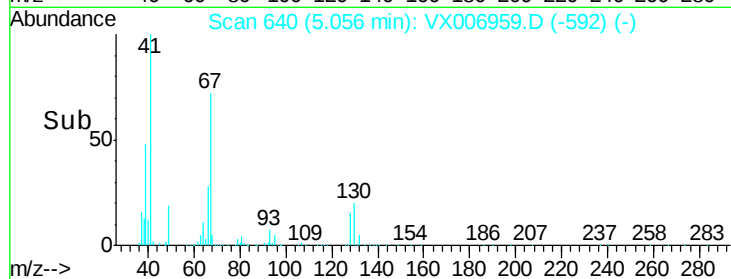
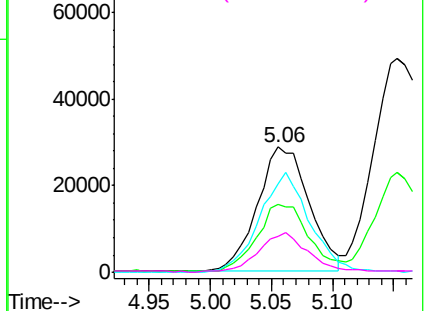


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.414 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006959.D

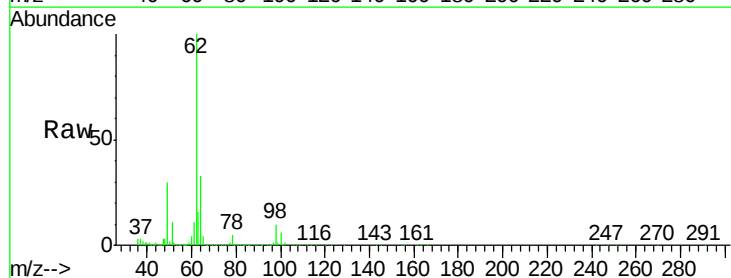
Acq: 09 Jan 2019 11:52

Tgt Ion: 62 Resp: 145653

Ion Ratio Lower Upper

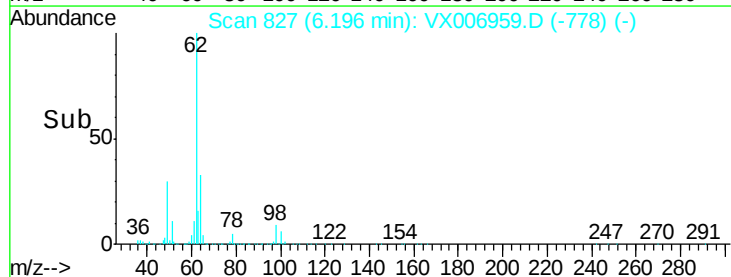
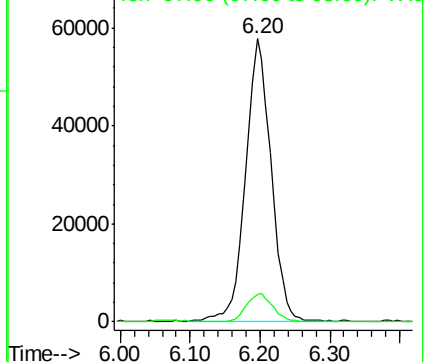
62 100

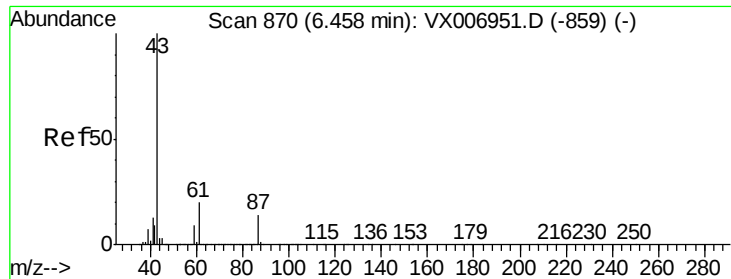
98 10.4 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



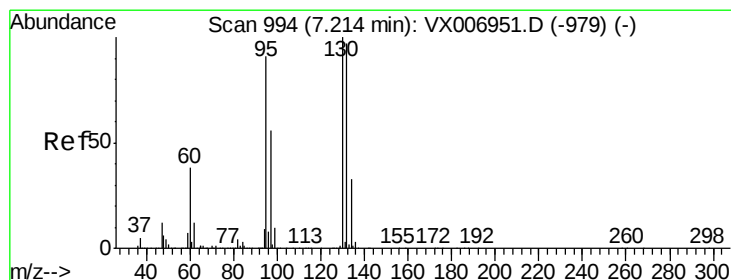
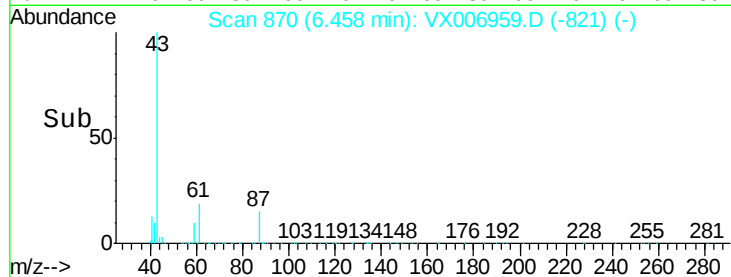
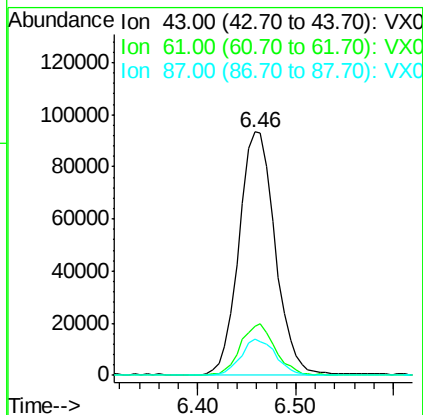
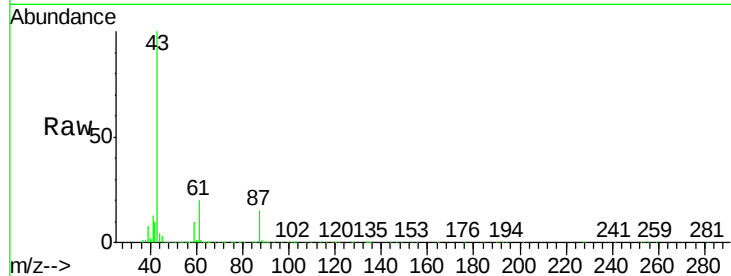


#43

Isopropyl Acetate
 Concen: 18.988 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

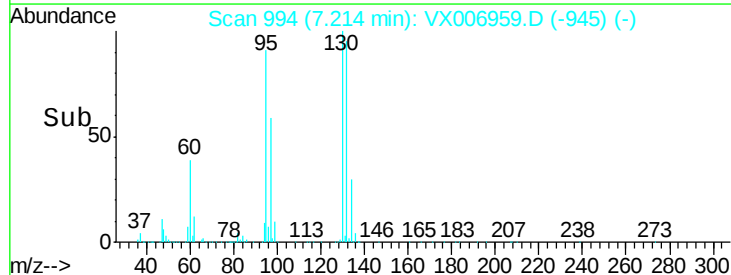
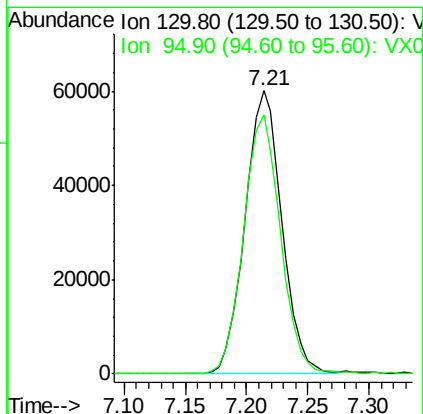
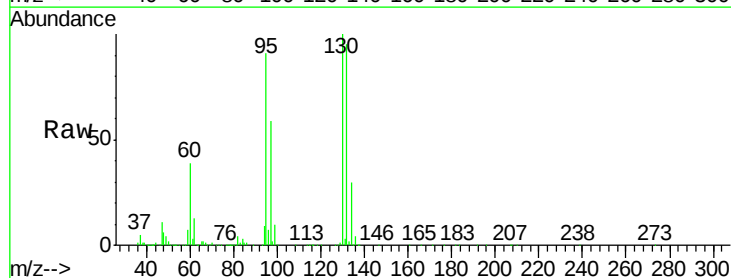
Tot Ion	43	Resp	240889
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.8	25.2
87	14.4	12.4	18.6

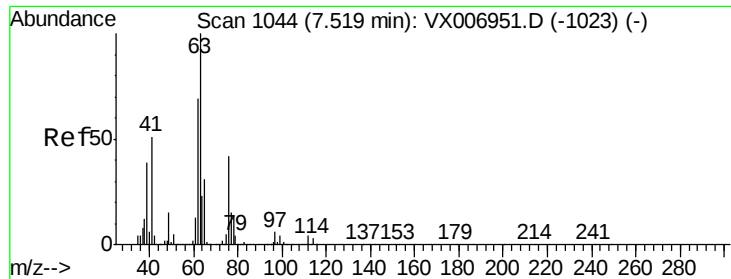


#44

Trichloroethene
 Concen: 18.403 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Tgt Ion	130	Resp	126230
Ion Ratio	Lower	Upper	
130	100		
95	91.3	0.0	187.0





#45

1,2-Dichloropropane

Concen: 18.662 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

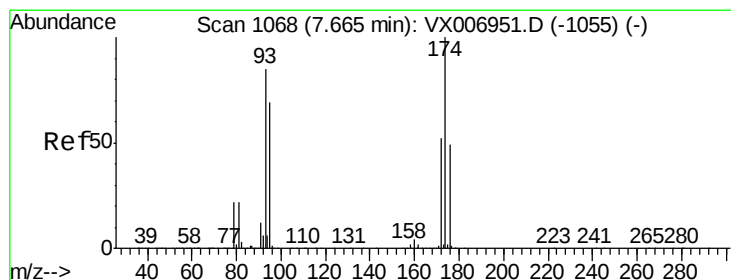
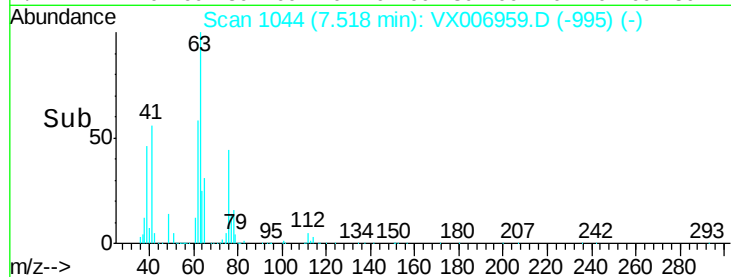
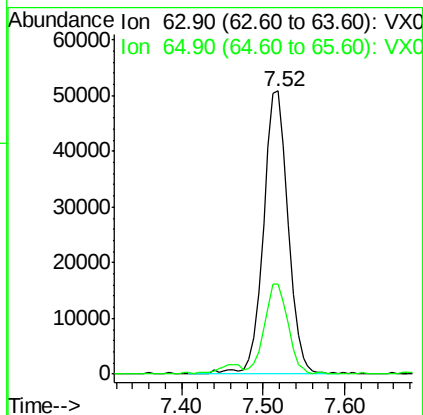
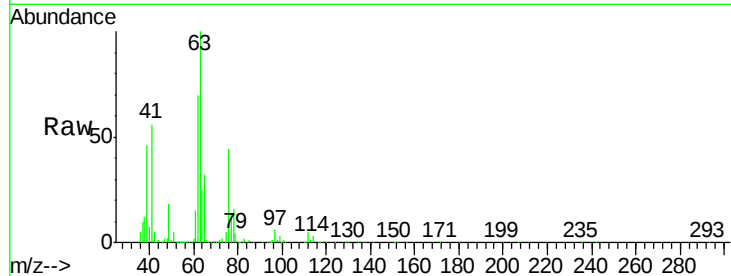
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 107393

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.0



#46

Dibromomethane

Concen: 19.257 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

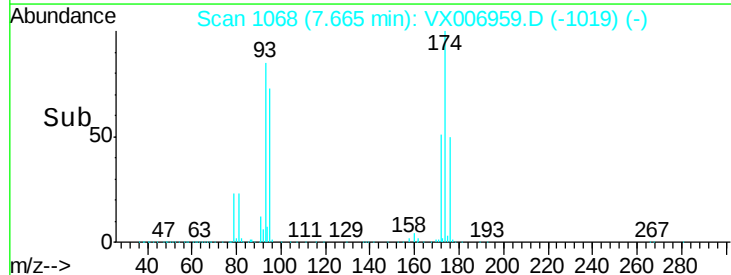
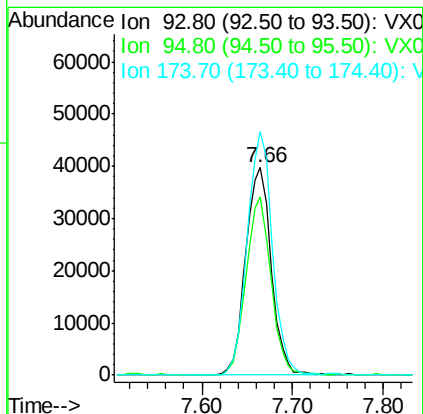
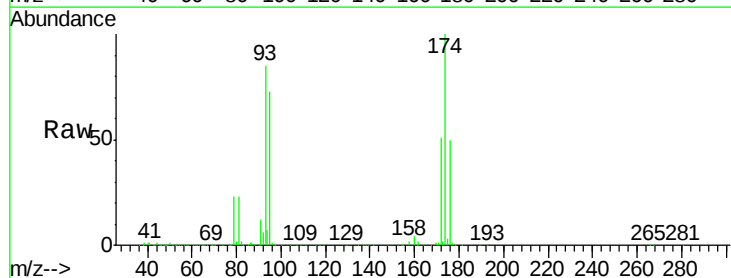
Tgt Ion: 93 Resp: 77884

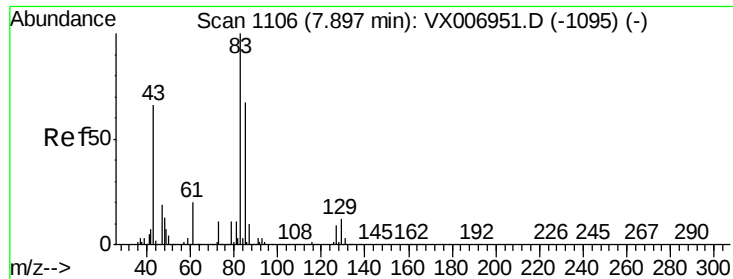
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 114.9 91.0 136.4





#47

Bromodichloromethane

Concen: 18.469 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

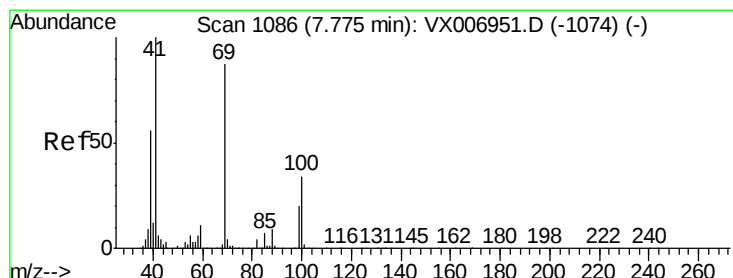
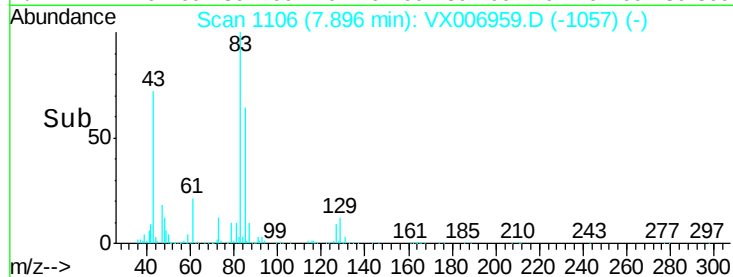
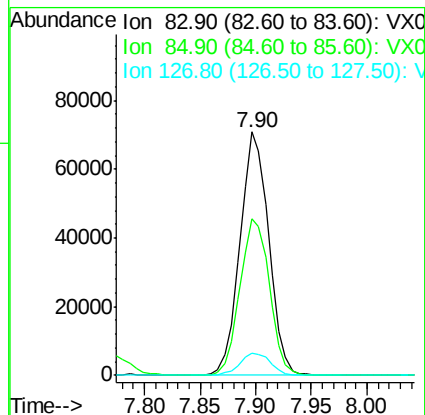
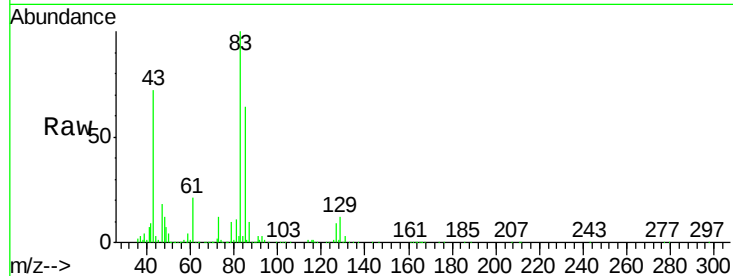
Tot Ion: 83 Resp: 127148

Ion Ratio Lower Upper

83 100

85 64.1 53.2 79.8

127 9.2 7.8 11.6



#48

Methyl methacrylate

Concen: 19.013 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

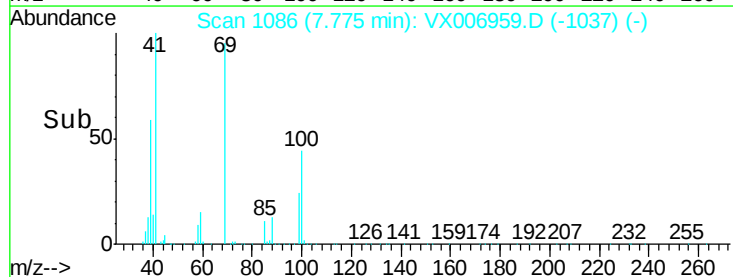
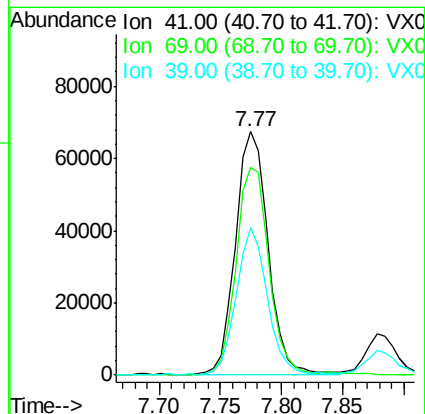
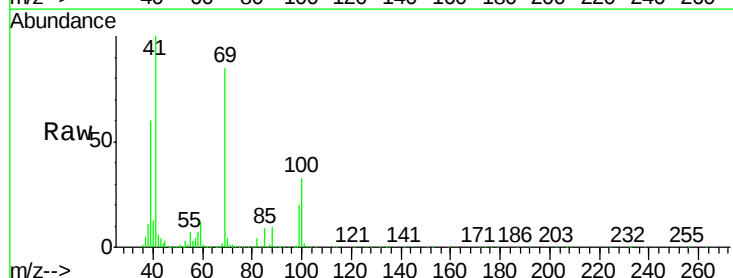
Tgt Ion: 41 Resp: 123865

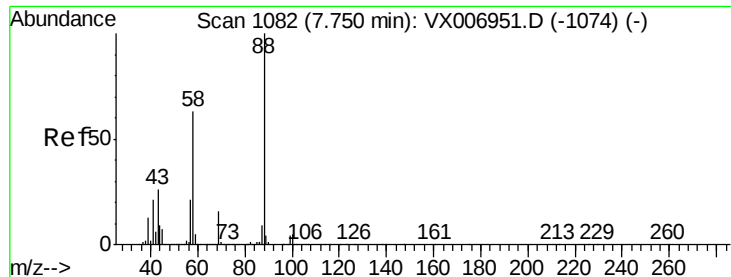
Ion Ratio Lower Upper

41 100

69 86.1 72.4 108.6

39 58.0 45.8 68.8





#49

1,4-Dioxane

Concen: 369.794 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

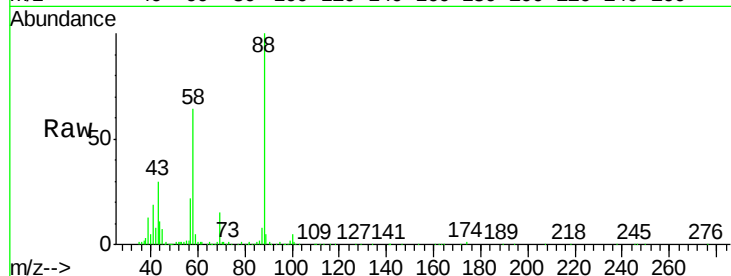
Tot Ion: 88 Resp: 55822

Ion Ratio Lower Upper

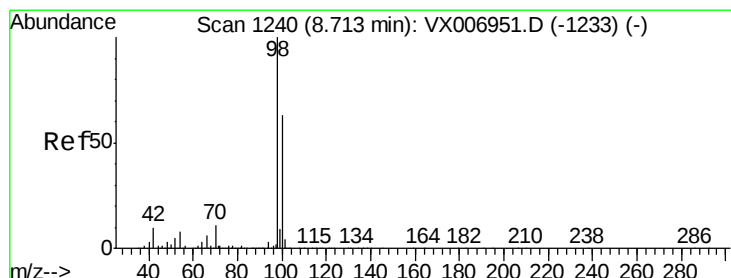
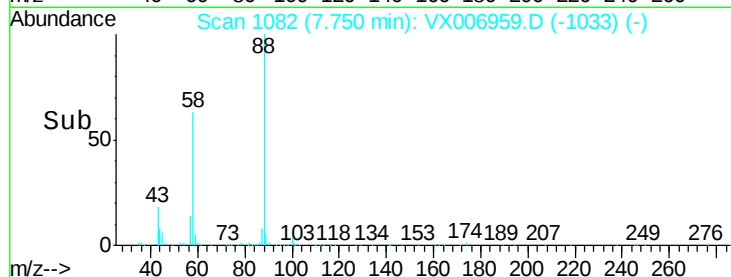
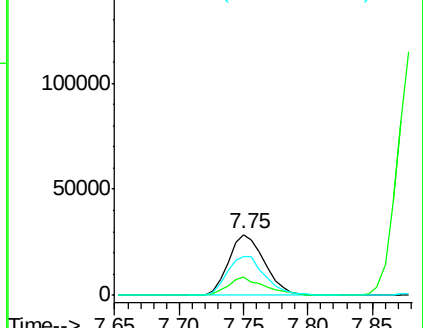
88 100

43 31.7 22.2 33.4

58 68.7 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: 47.798 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006959.D

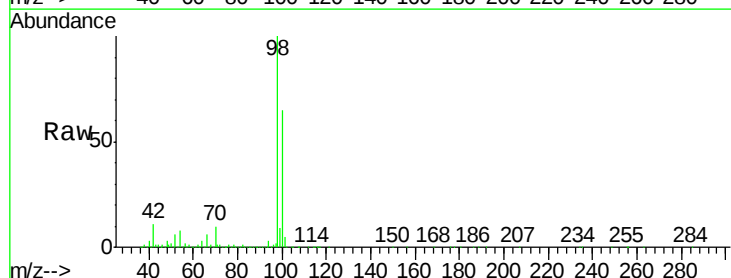
Acq: 09 Jan 2019 11:52

Tgt Ion: 98 Resp: 966754

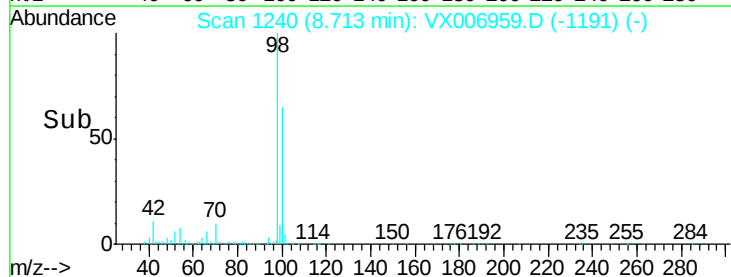
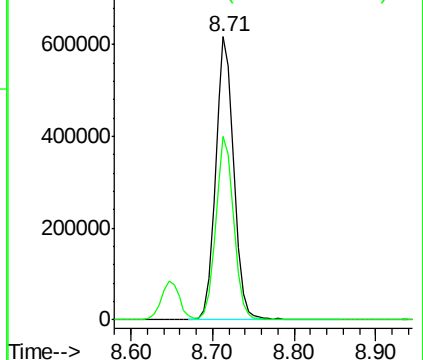
Ion Ratio Lower Upper

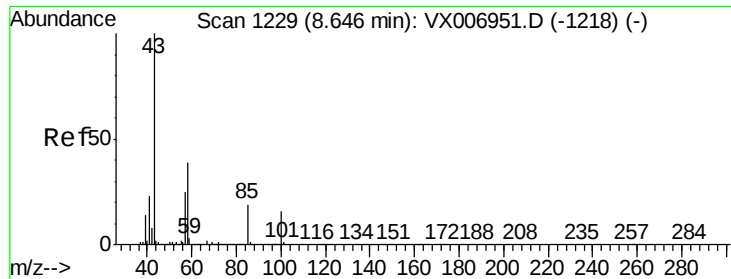
98 100

100 64.7 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: 95.848 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

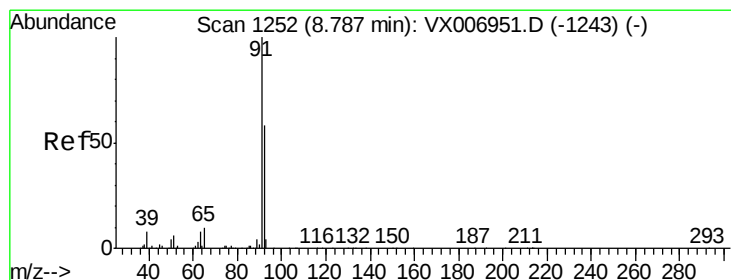
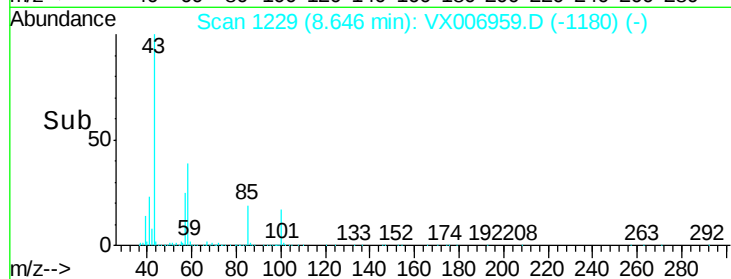
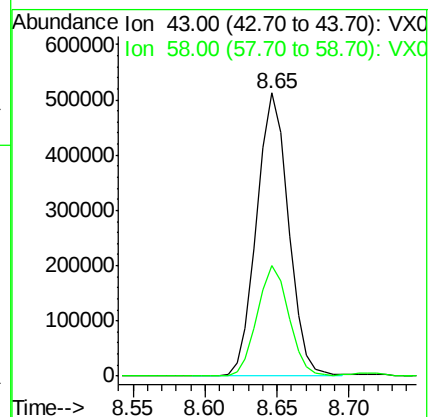
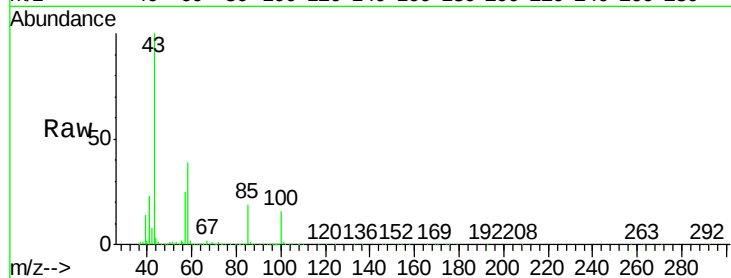
ClientSampleId :

Tot Ion: 43 Resp: 781440

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



#52

Toluene

Concen: 18.295 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006959.D

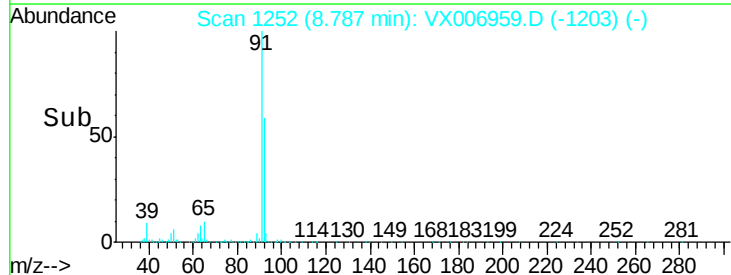
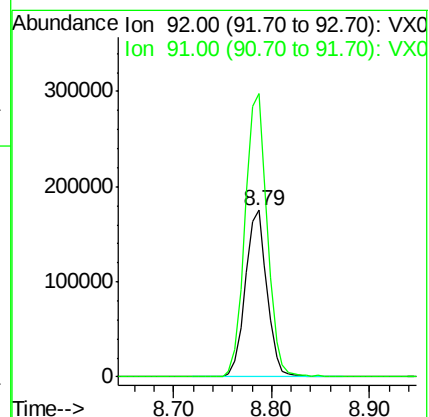
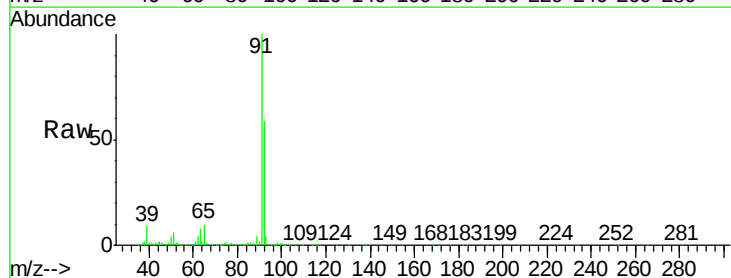
Acq: 09 Jan 2019 11:52

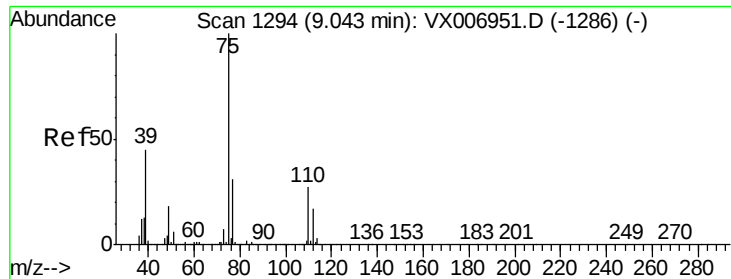
Tgt Ion: 92 Resp: 269160

Ion Ratio Lower Upper

92 100

91 174.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.320 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

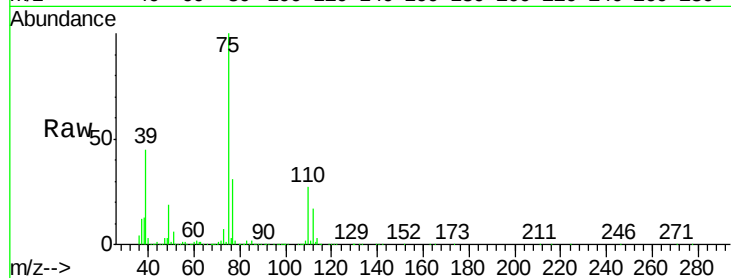
ClientSampleId :

Tot Ion: 75 Resp: 139851

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

120000

100000

80000

60000

40000

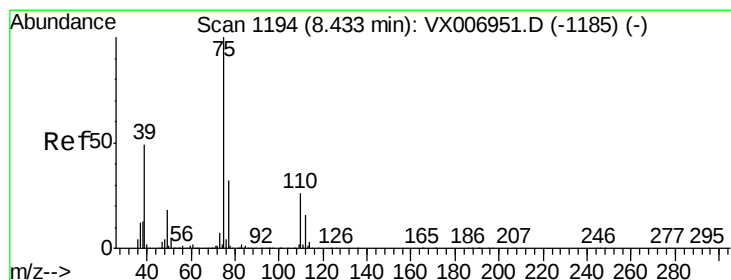
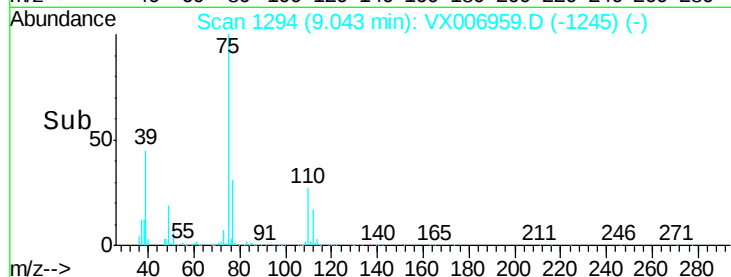
20000

0

9.04

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.809 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

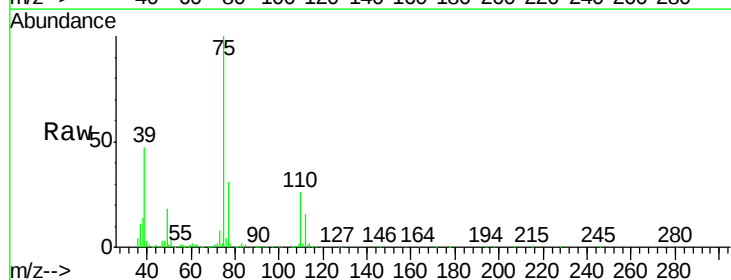
Tgt Ion: 75 Resp: 158561

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.2

39 46.7 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

100000

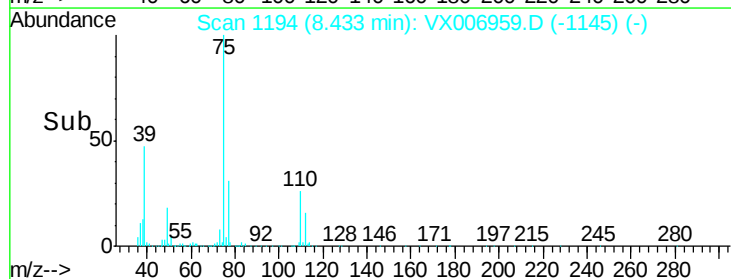
50000

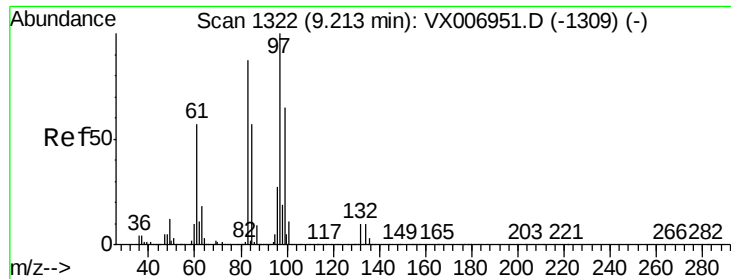
0

8.43

8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.648 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 115705

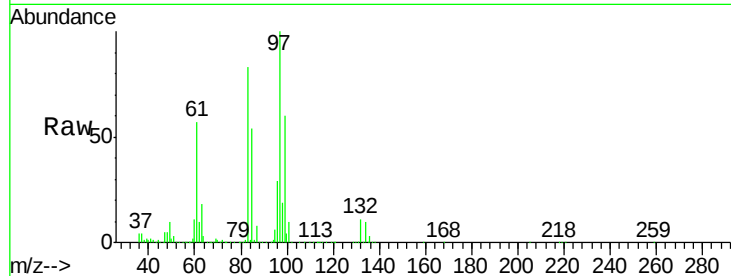
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.6	99.8
85	53.5	42.7	64.1
99	60.2	50.8	76.2

97 100

83 82.7 66.6 99.8

85 53.5 42.7 64.1

99 60.2 50.8 76.2



Abundance

Ion 96.90 (96.60 to 97.60): VX0

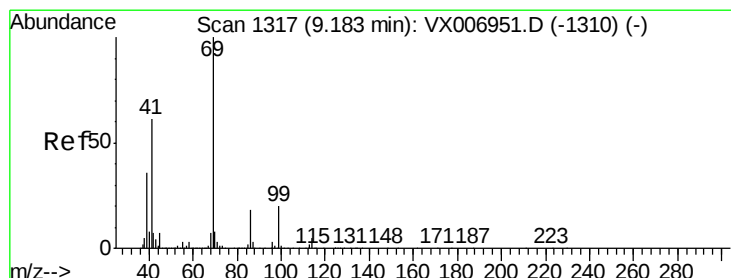
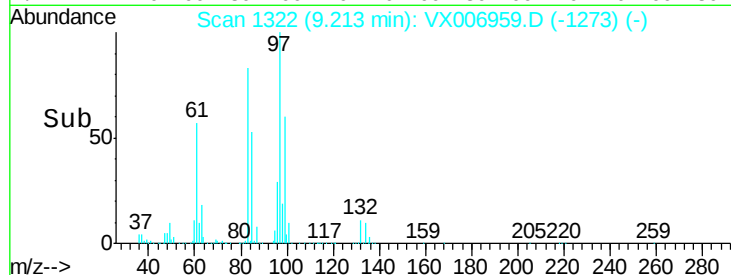
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.21

Time-->



#56

Ethyl methacrylate

Concen: 18.503 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

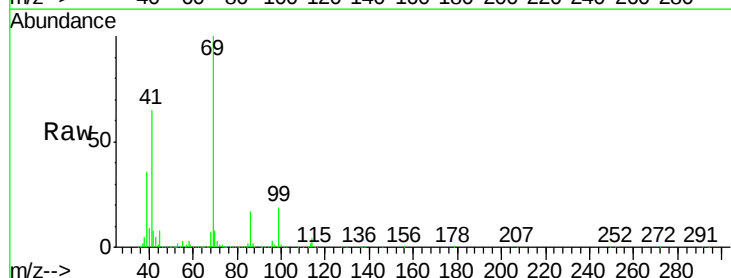
Tgt Ion: 69 Resp: 159068

Ion	Ratio	Lower	Upper
69	100		
41	64.8	48.7	73.1
39	36.9	27.0	40.6

69 100

41 64.8 48.7 73.1

39 36.9 27.0 40.6



Abundance

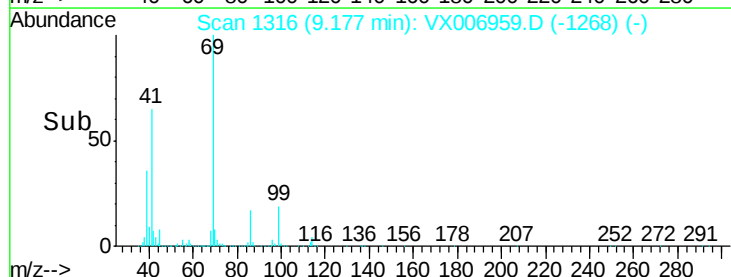
Ion 69.00 (68.70 to 69.70): VX0

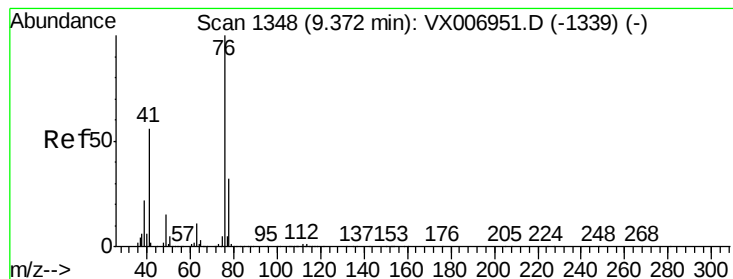
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.18

Time-->





#57

1,3-Dichloropropane

Concen: 18.928 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

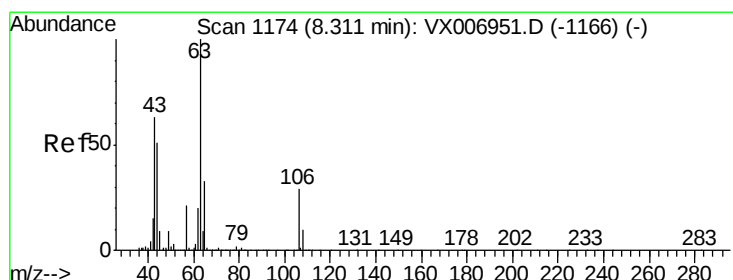
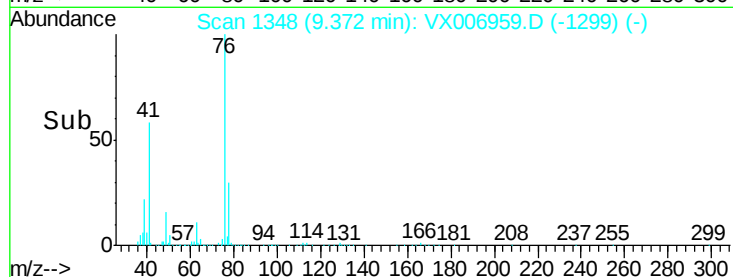
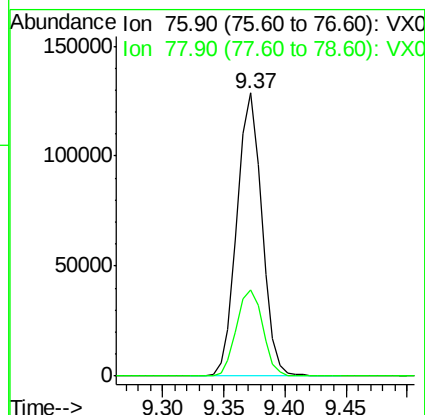
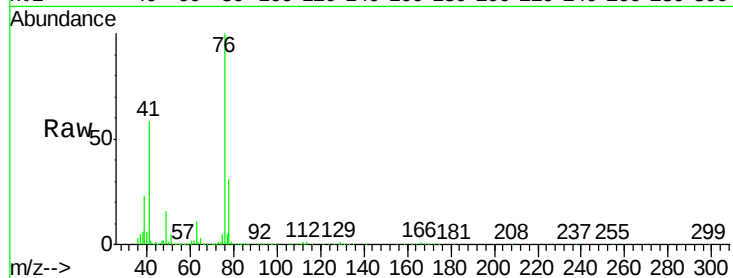
ClientSampleId :

Tot Ion: 76 Resp: 182604

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.153 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006959.D

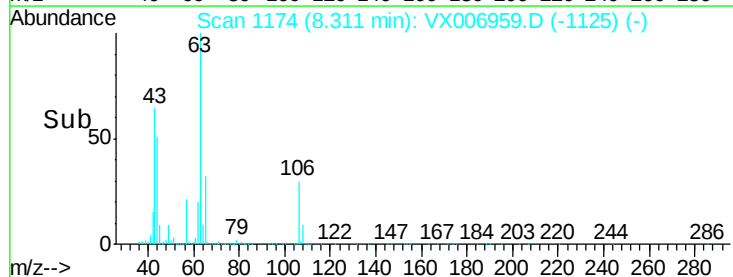
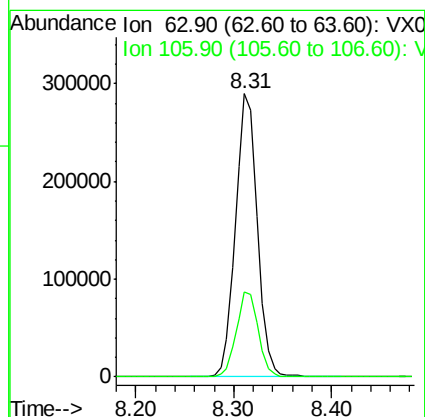
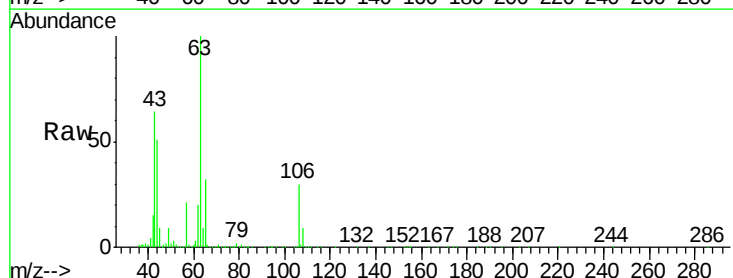
Acq: 09 Jan 2019 11:52

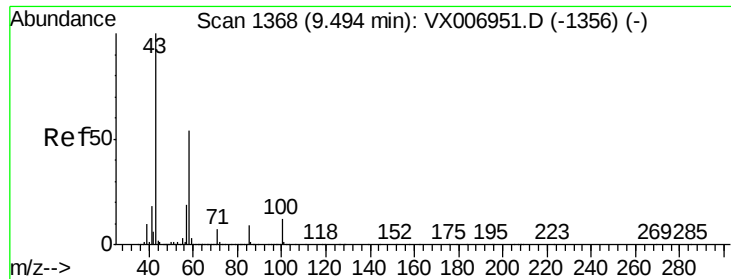
Tgt Ion: 63 Resp: 447114

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8

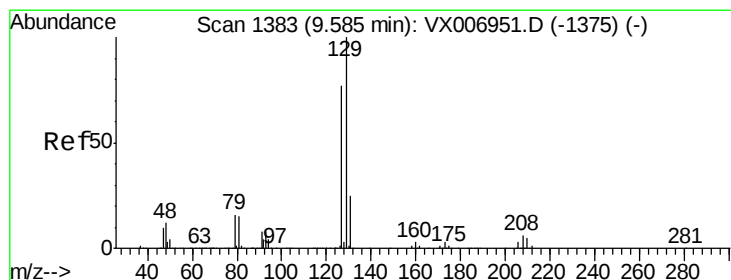
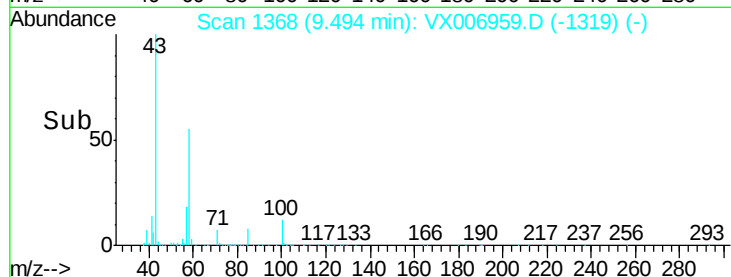
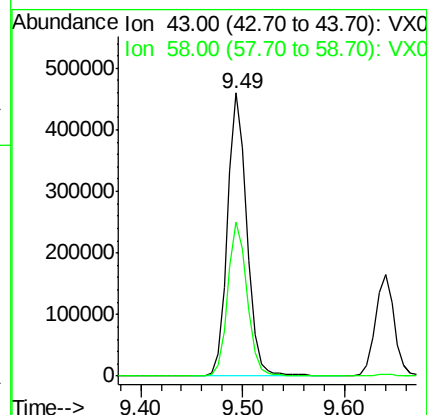
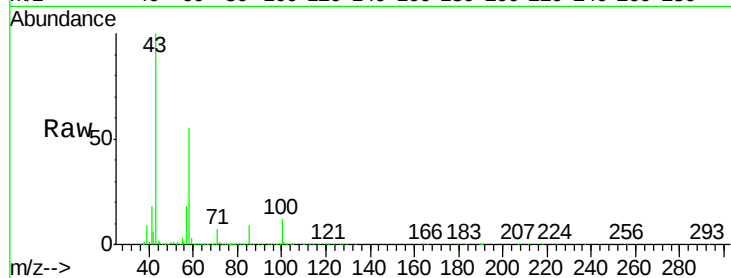




#59
2-Hexanone
Concen: 97.341 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

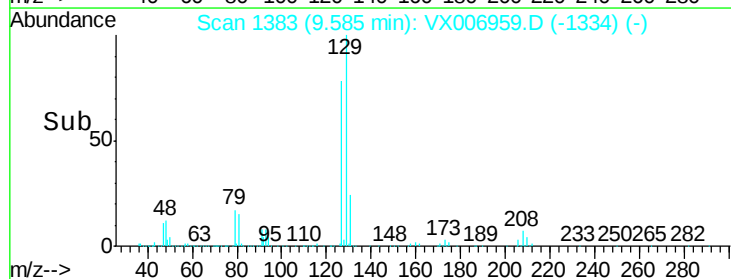
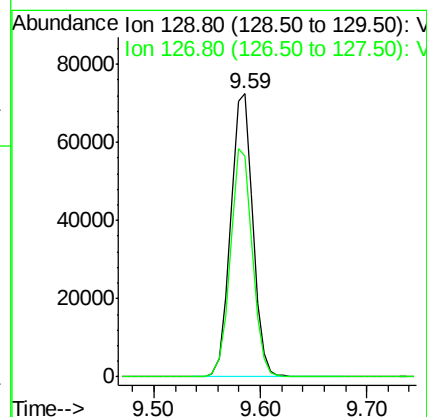
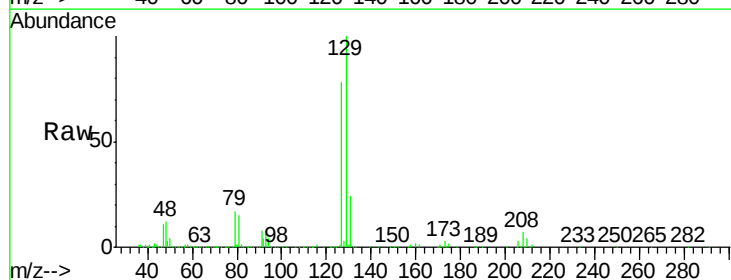
Instrument :
MSVOA_X
ClientSampleId :

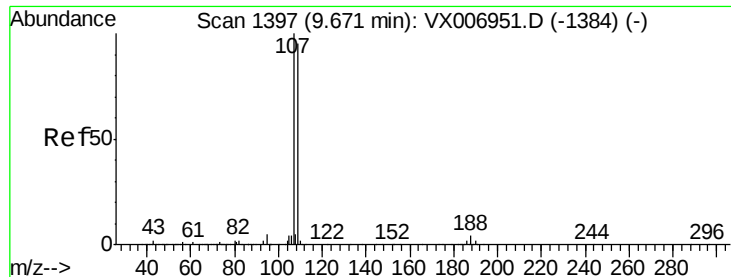
Tot Ion: 43 Resp: 604775
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1



#60
Dibromochloromethane
Concen: 18.584 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion: 129 Resp: 106265
Ion Ratio Lower Upper
129 100
127 79.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 18.925 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

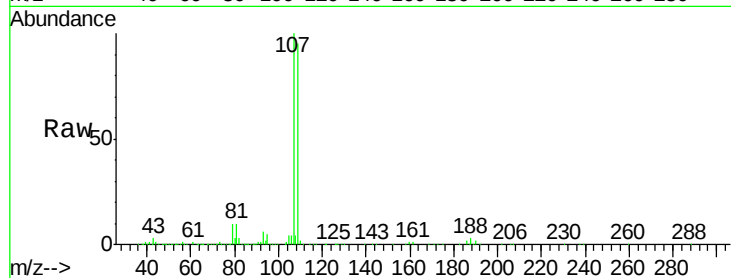
ClientSampleId :

Tot Ion:107 Resp: 122689

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

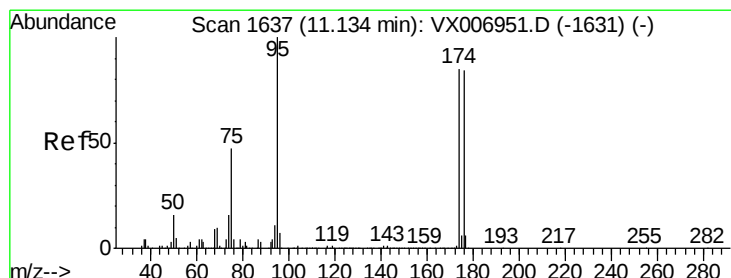
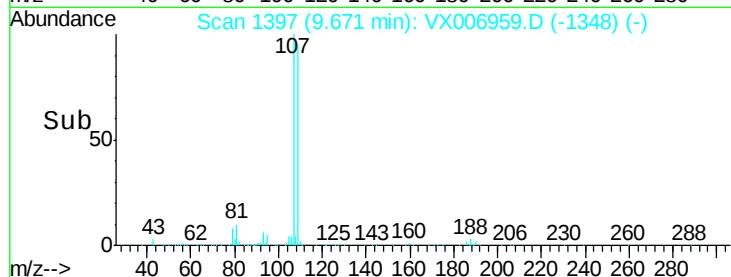
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.242 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

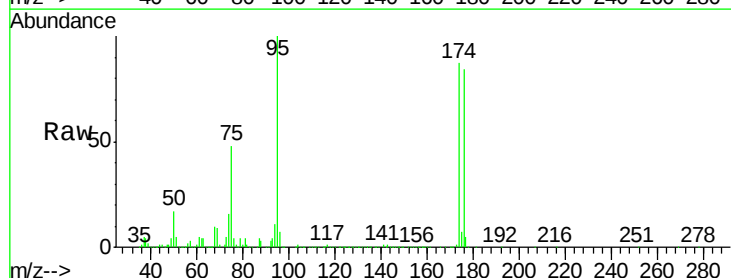
Tgt Ion: 95 Resp: 333113

Ion Ratio Lower Upper

95 100

174 94.9 0.0 182.2

176 92.0 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

11.13

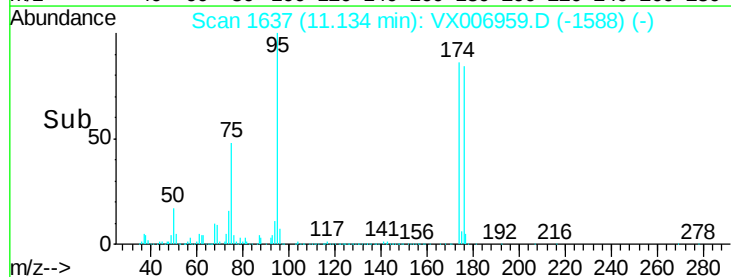
300000

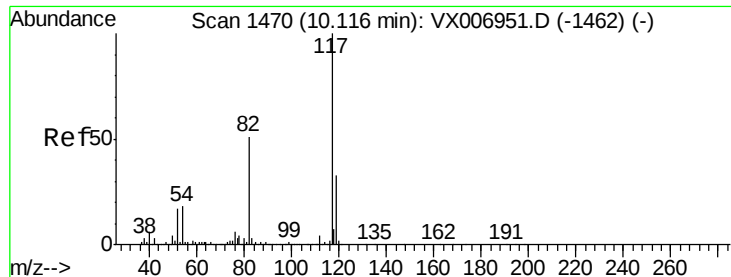
200000

100000

0

Time-->

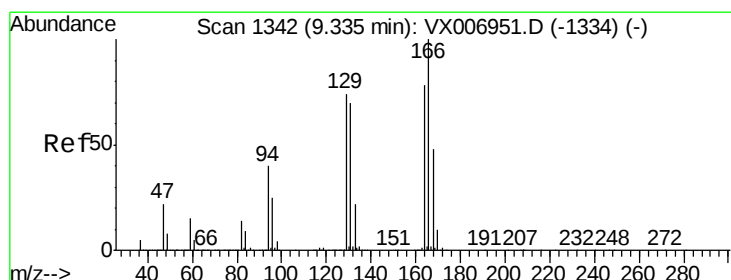
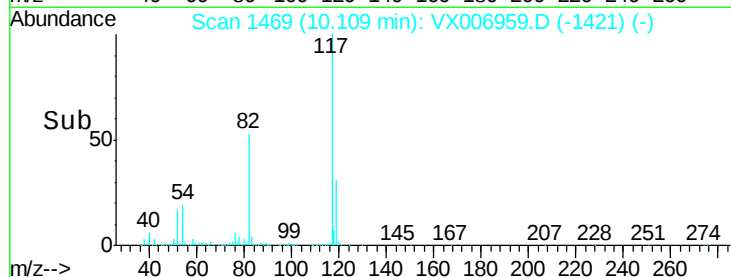
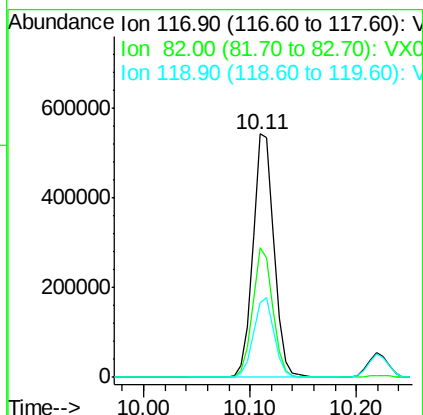
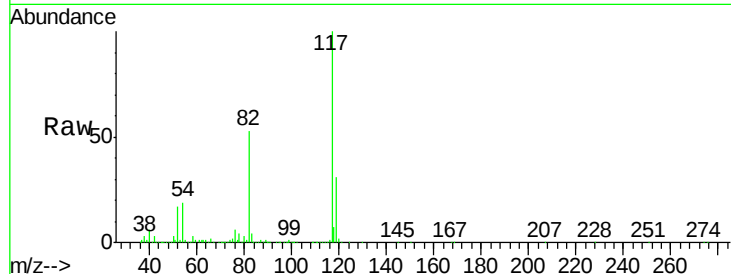




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

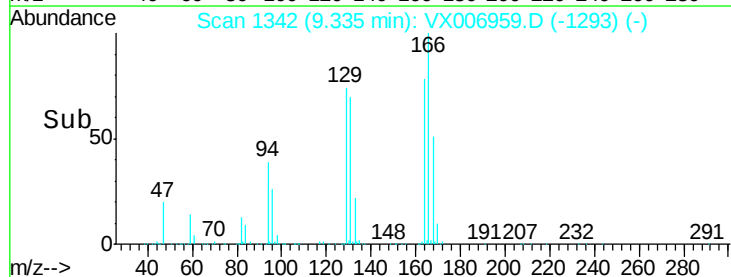
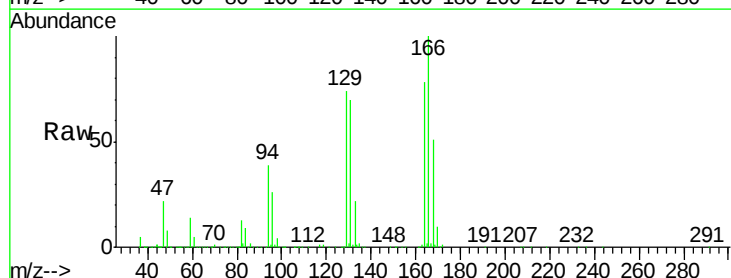
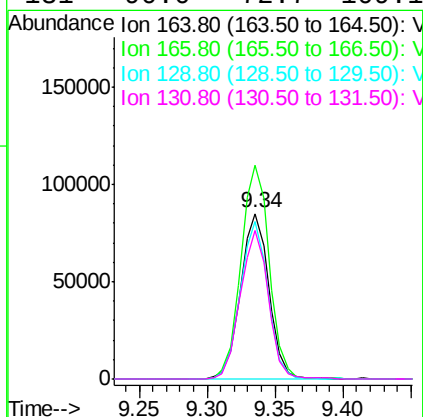
Instrument :
MSVOA_X
ClientSampleId :

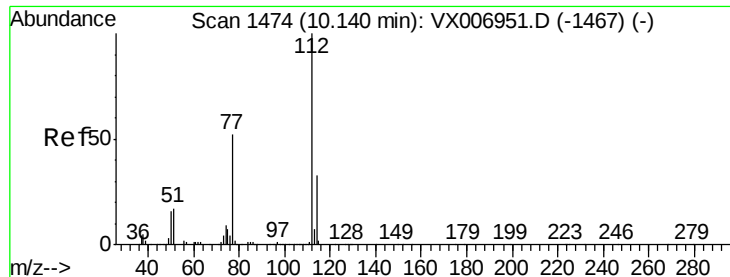
Tot Ion:117 Resp: 750141
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 30.5 25.4 38.0



#64
Tetrachloroethene
Concen: 19.039 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion:164 Resp: 123652
Ion Ratio Lower Upper
164 100
166 128.9 102.5 153.7
129 95.2 75.1 112.7
131 90.0 72.7 109.1





#65

Chlorobenzene

Concen: 18.773 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

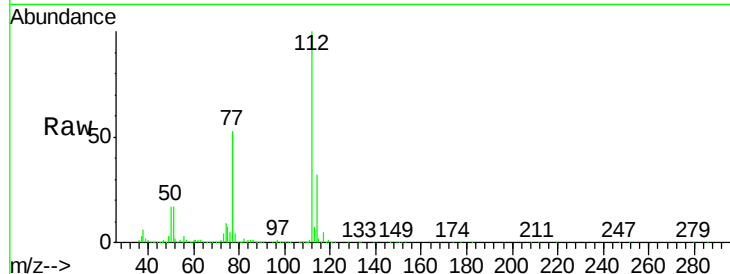
ClientSampleId :

Tot Ion:112 Resp: 307141

Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

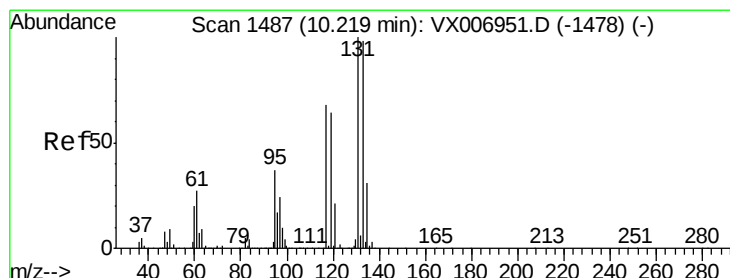
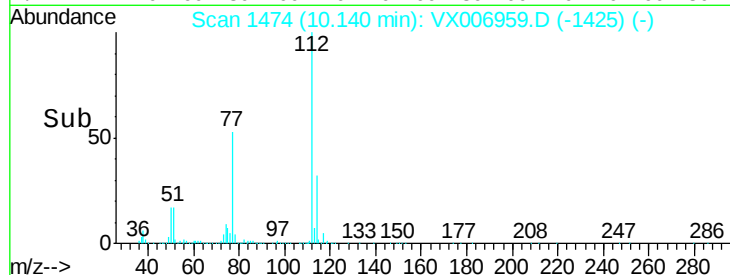
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.418 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

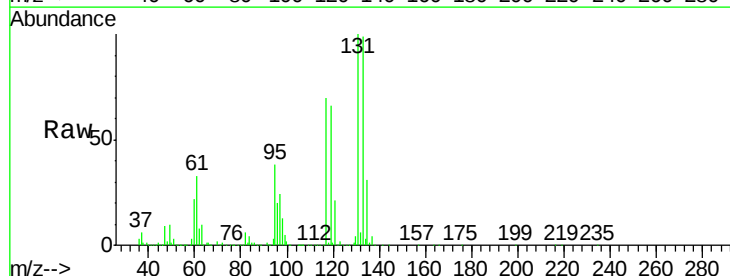
Tgt Ion:131 Resp: 106873

Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.2

119 64.6 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

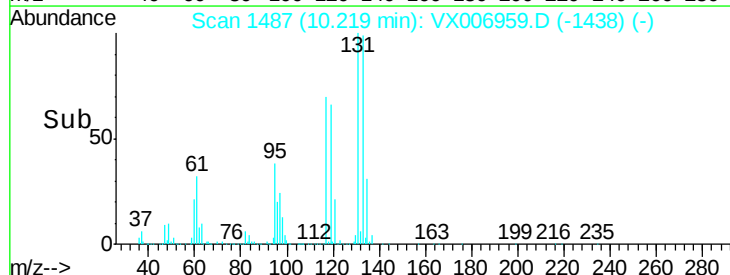
60000

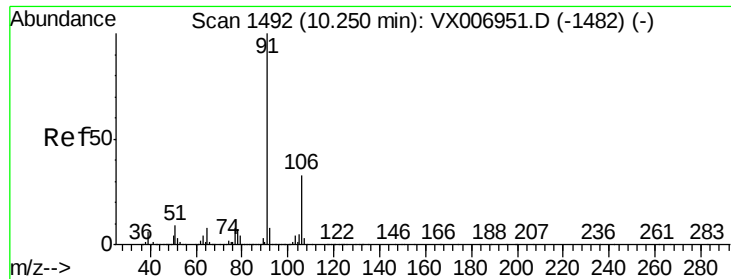
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 18.736 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

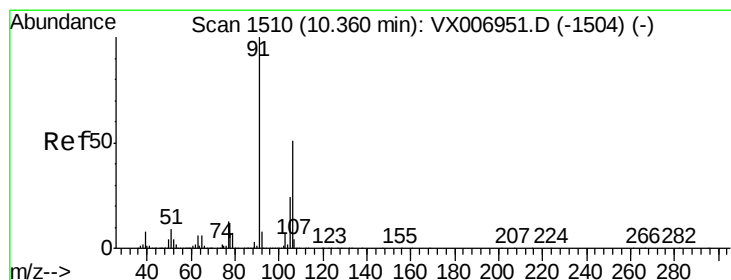
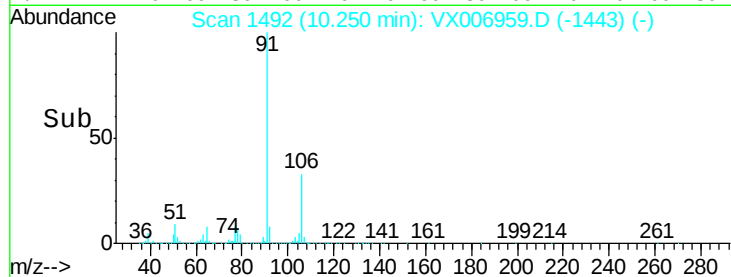
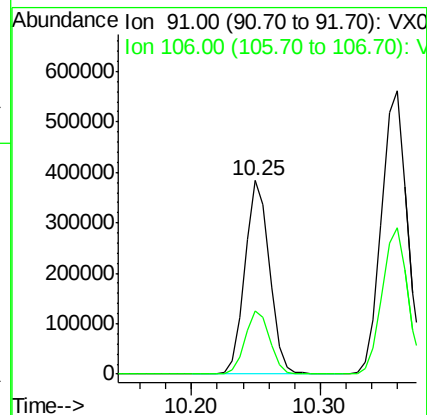
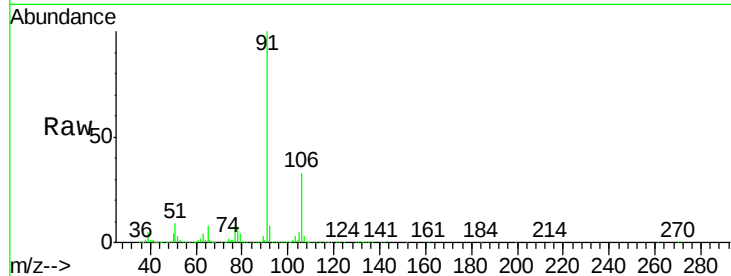
ClientSampleId :

Tot Ion: 91 Resp: 506061

Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6



#68

m/p-Xylenes

Concen: 37.360 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006959.D

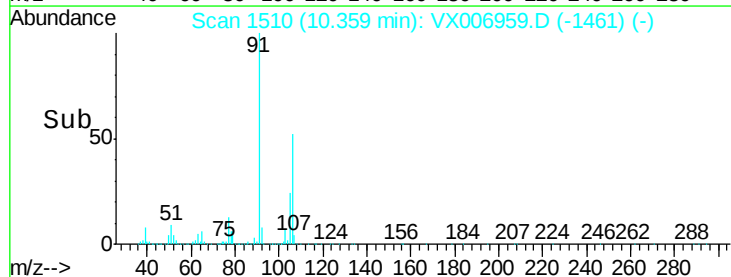
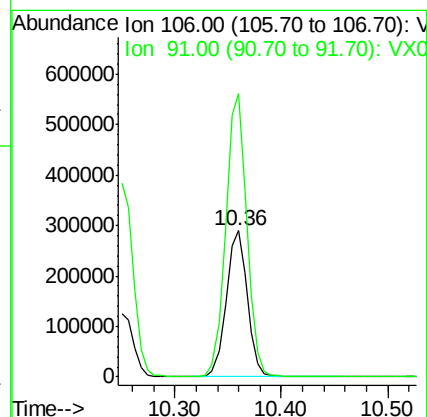
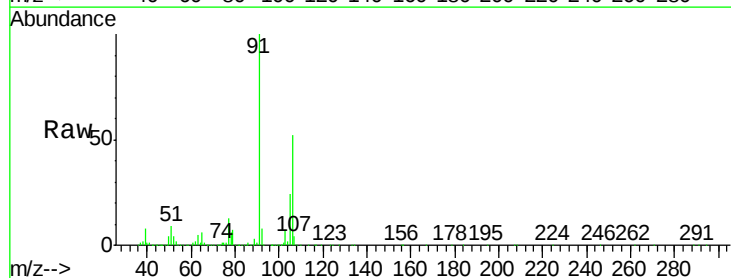
Acq: 09 Jan 2019 11:52

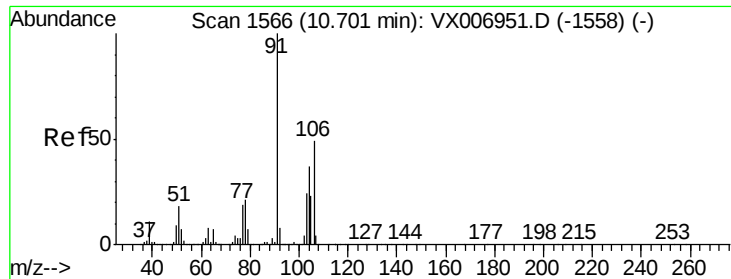
Tgt Ion: 106 Resp: 397562

Ion Ratio Lower Upper

106 100

91 195.1 155.8 233.6

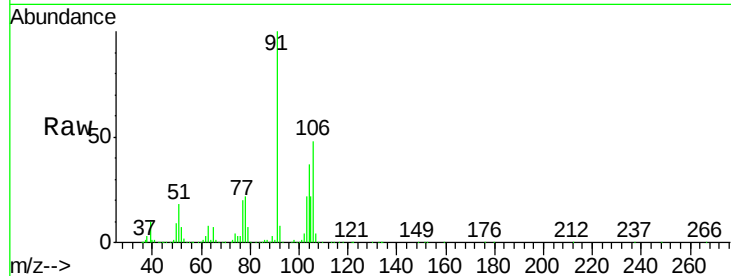




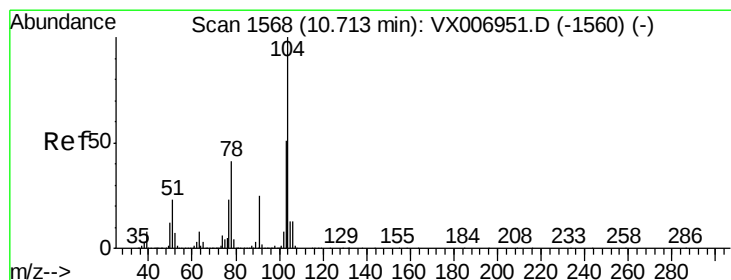
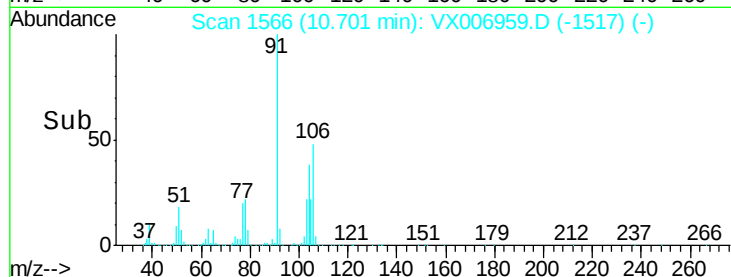
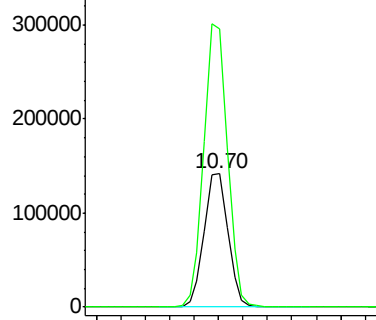
#69
o-Xylene
Concen: 18.552 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 192533
Ion Ratio Lower Upper
106 100
91 208.7 101.3 303.7

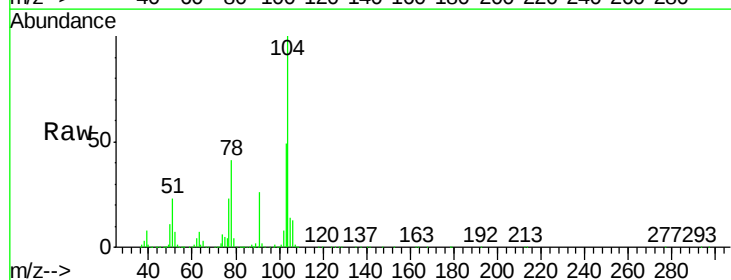


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

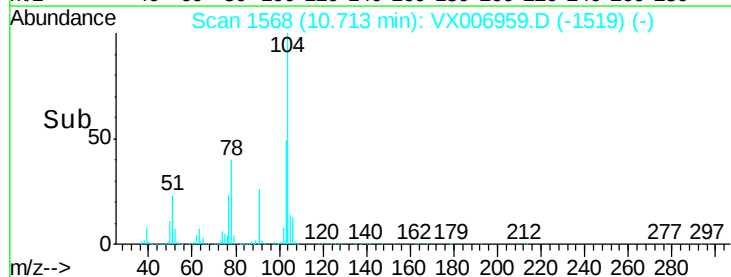
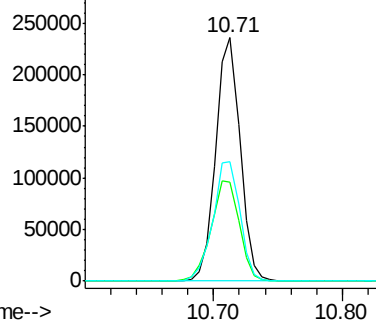


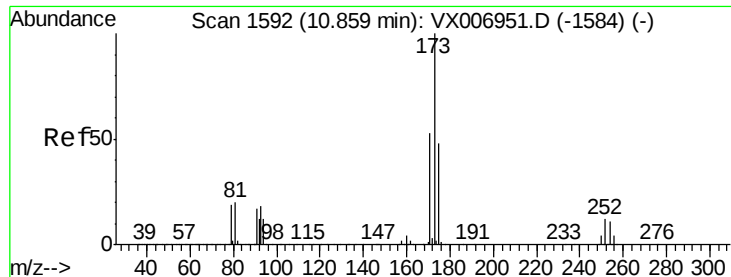
#70
Styrene
Concen: 18.786 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion:104 Resp: 308776
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 54.9 43.8 65.8



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

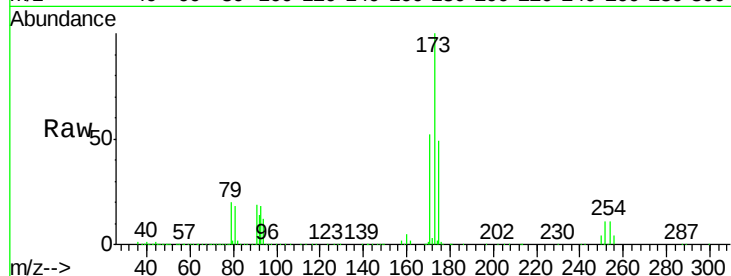




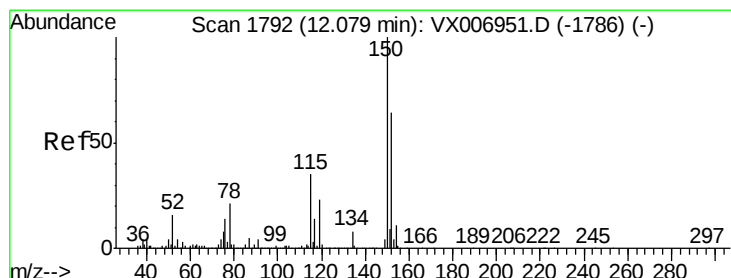
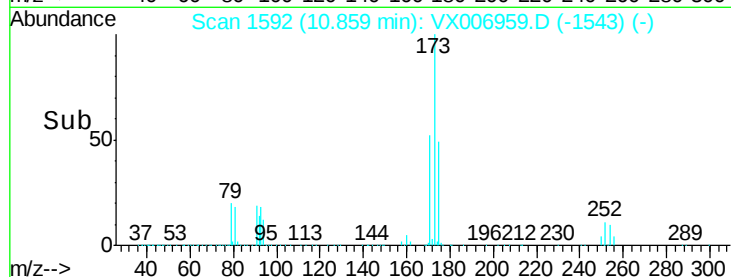
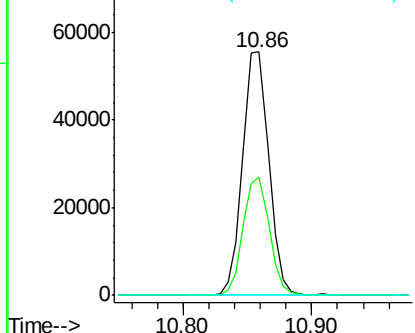
#71
Bromoform
Concen: 19.141 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 78387
Ion Ratio Lower Upper
173 100
175 48.2 24.7 74.1
254 0.1 0.2 0.2#

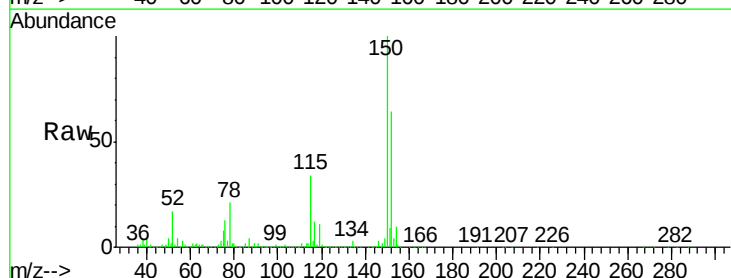


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

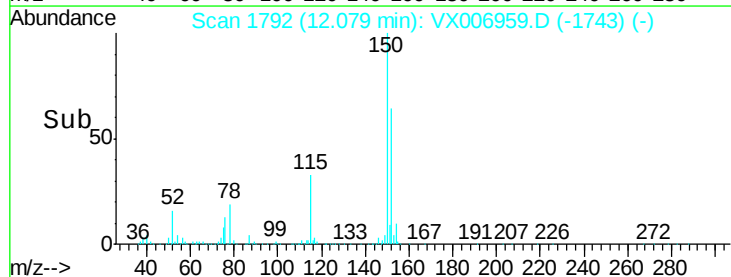
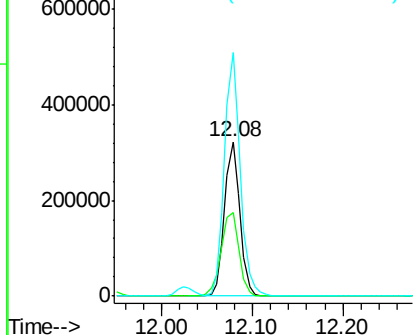


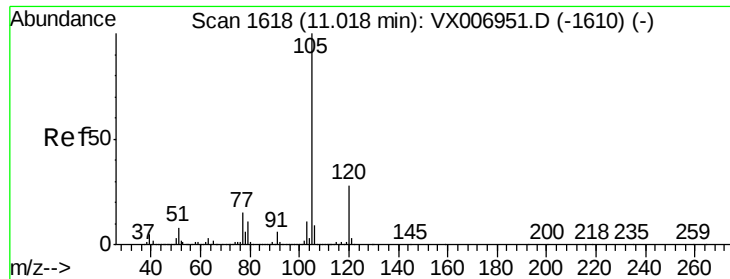
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion:152 Resp: 379018
Ion Ratio Lower Upper
152 100
115 64.1 39.1 117.2
150 163.2 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: 19.242 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

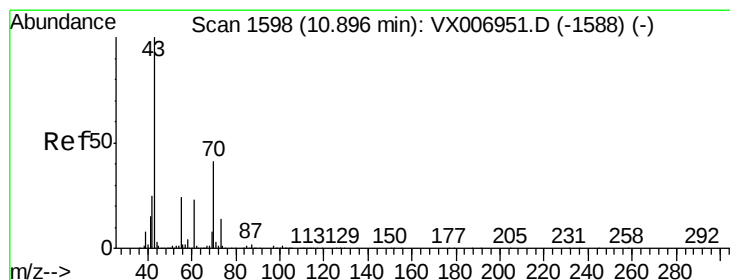
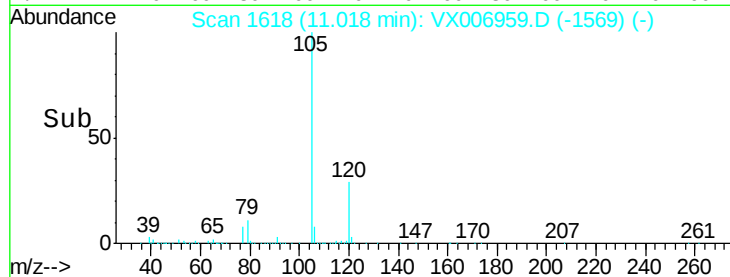
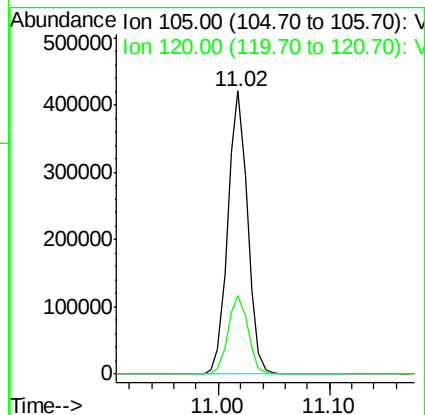
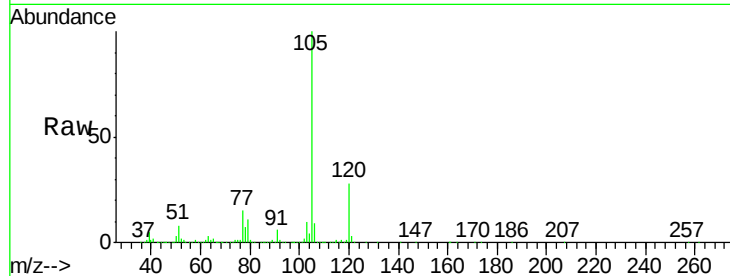
ClientSampleId :

Tot Ion:105 Resp: 514264

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.4



#74

N-ethyl acetate

Concen: 19.546 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Tgt Ion: 43 Resp: 210329

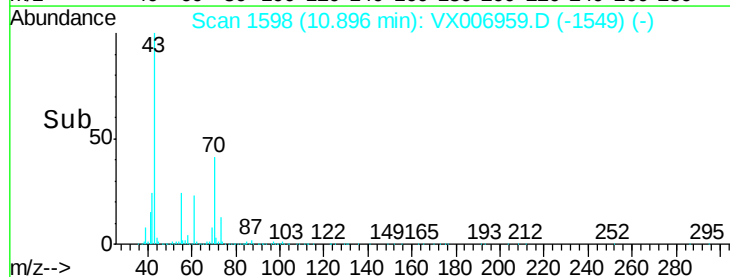
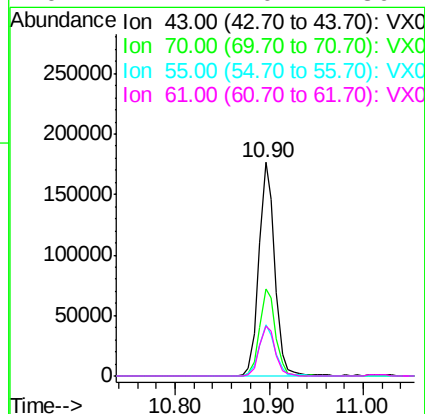
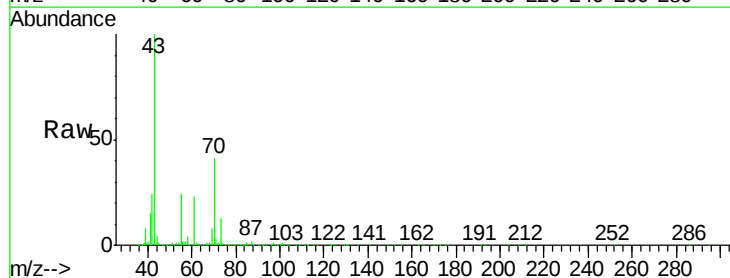
Ion Ratio Lower Upper

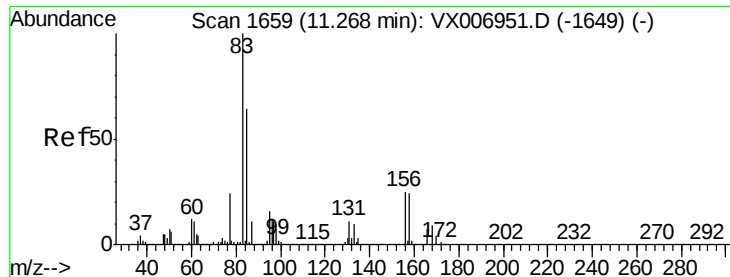
43 100

70 41.3 35.8 53.8

55 24.6 19.4 29.0

61 24.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.040 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

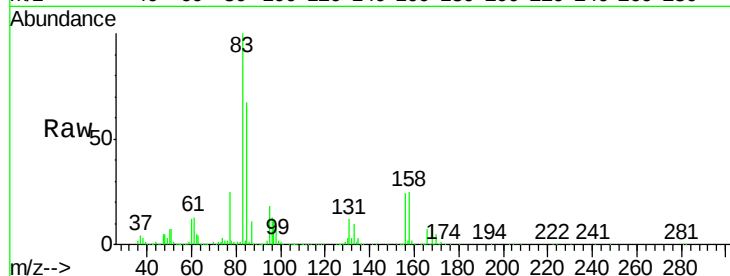
Tot Ion: 83 Resp: 161550

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

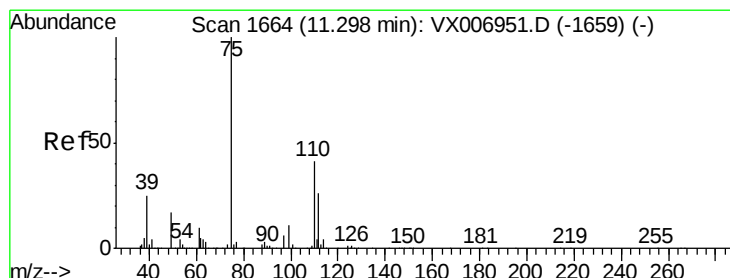
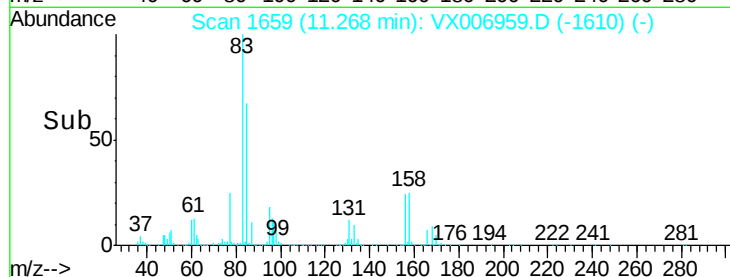
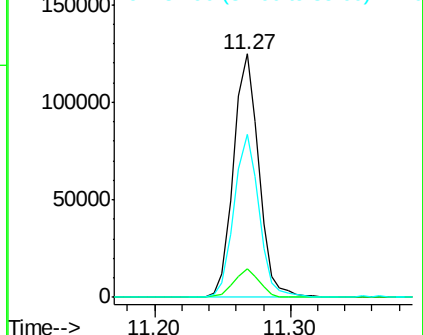
85 66.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.207 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006959.D

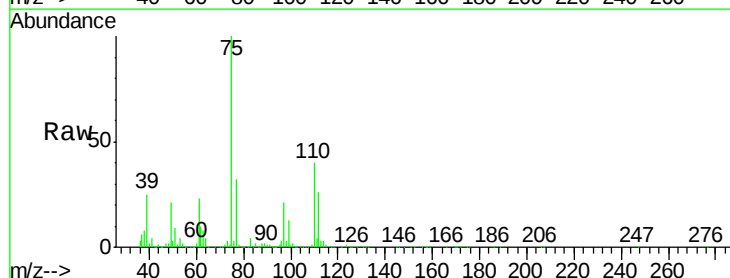
Acq: 09 Jan 2019 11:52

Tgt Ion: 75 Resp: 178243

Ion Ratio Lower Upper

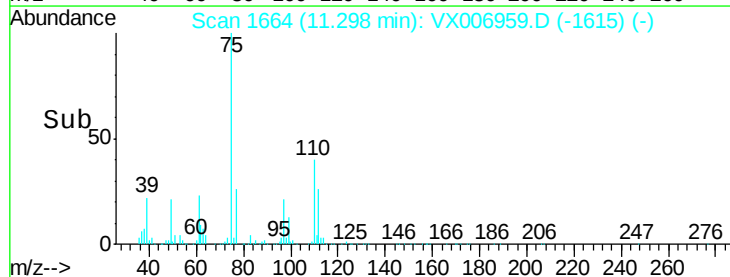
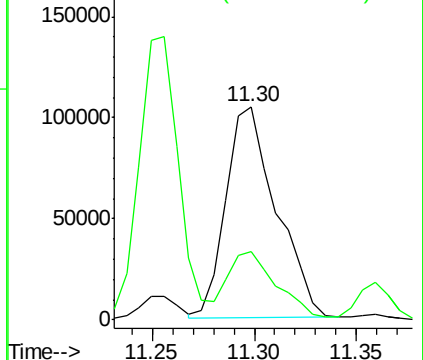
75 100

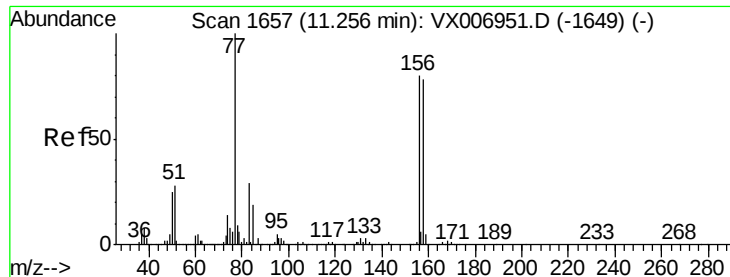
77 31.4 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.942 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

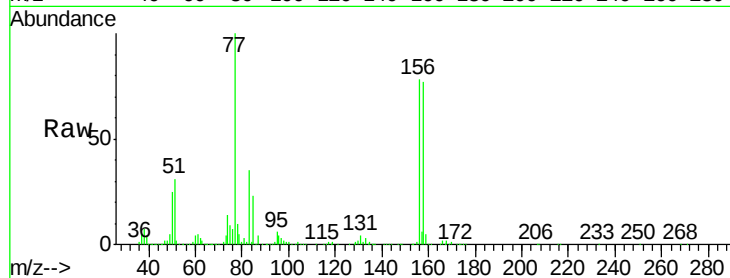
Tot Ion:156 Resp: 139492

Ion Ratio Lower Upper

156 100

77 135.8 68.0 204.0

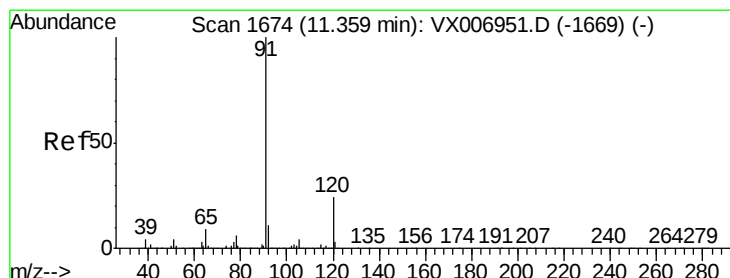
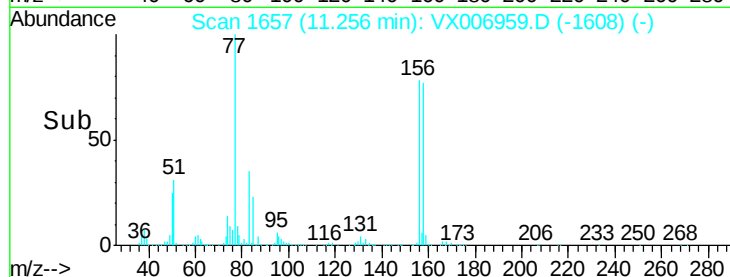
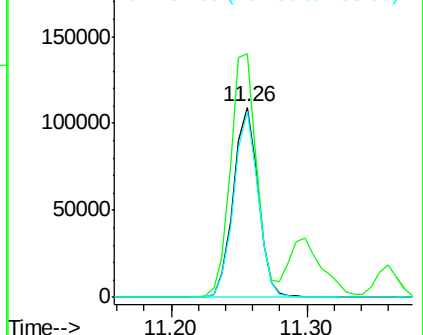
158 96.1 48.3 144.8



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: 19.085 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006959.D

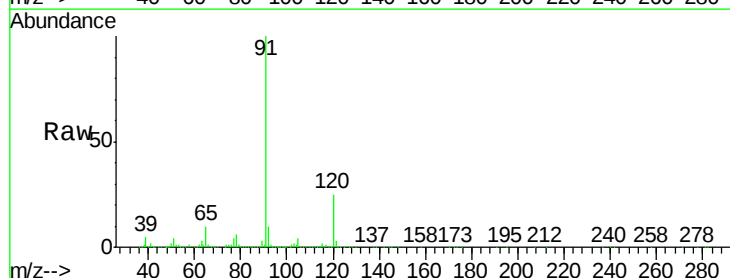
Acq: 09 Jan 2019 11:52

Tgt Ion: 91 Resp: 559938

Ion Ratio Lower Upper

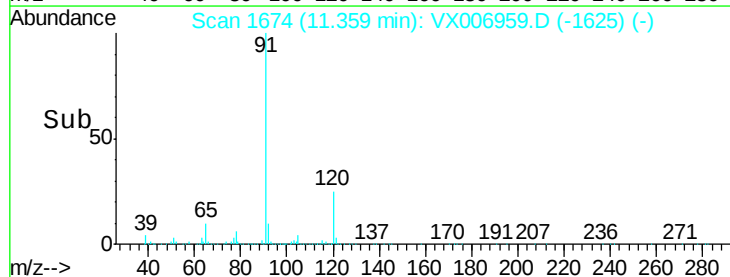
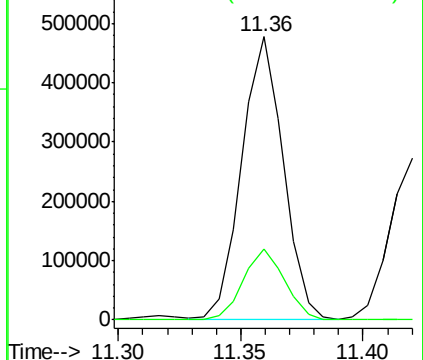
91 100

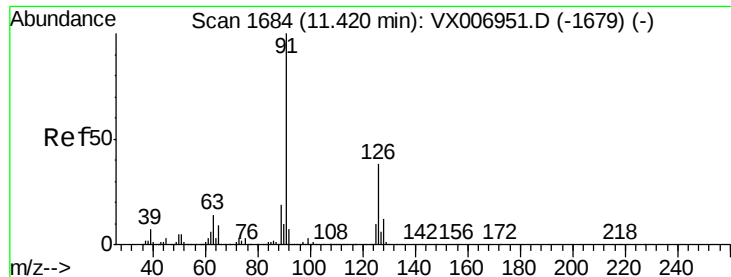
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.822 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

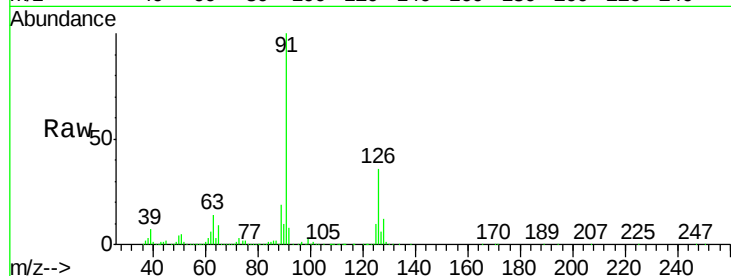
ClientSampled :

Tot Ion: 91 Resp: 332415

Ion Ratio Lower Upper

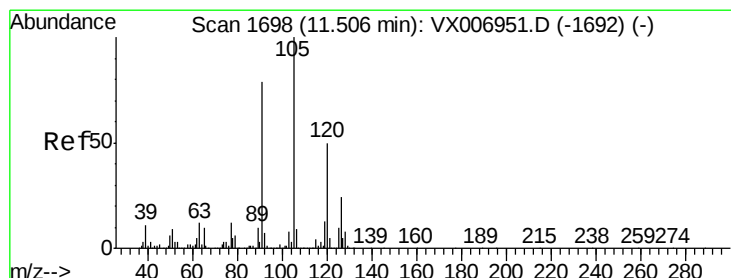
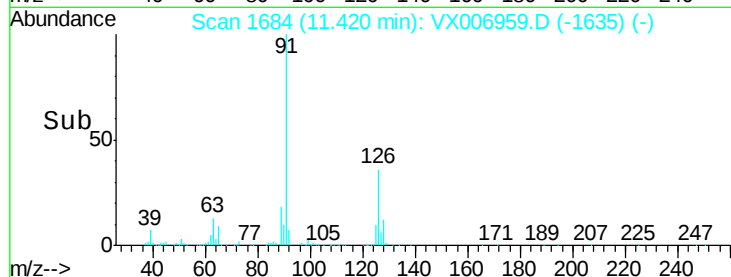
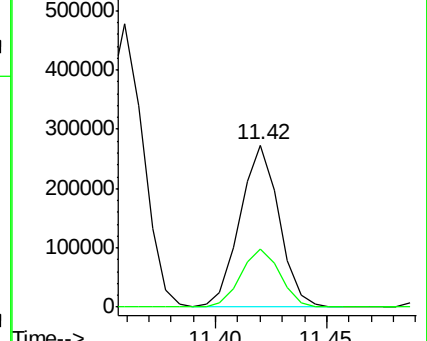
91 100

126 36.7 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.859 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006959.D

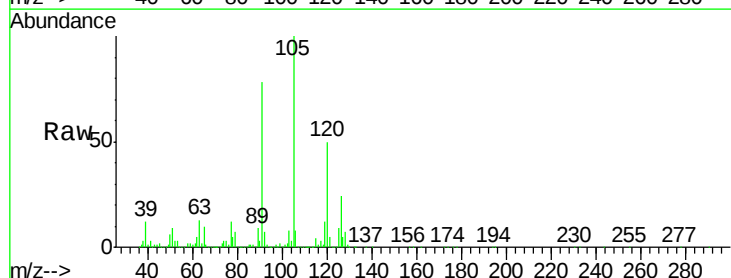
Acq: 09 Jan 2019 11:52

Tgt Ion:105 Resp: 421158

Ion Ratio Lower Upper

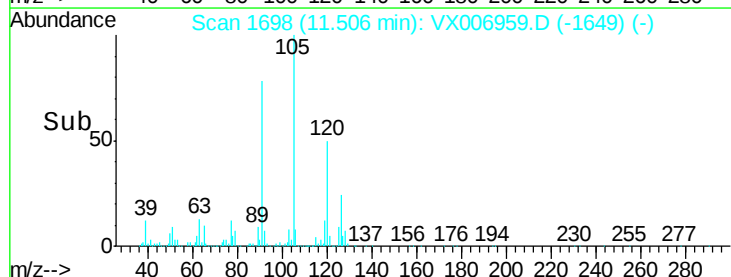
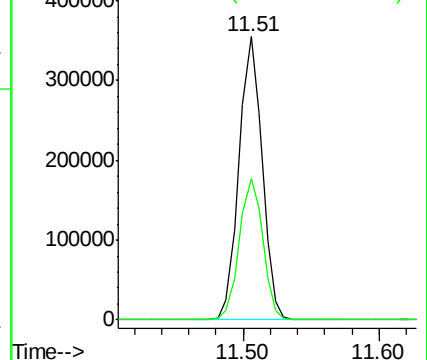
105 100

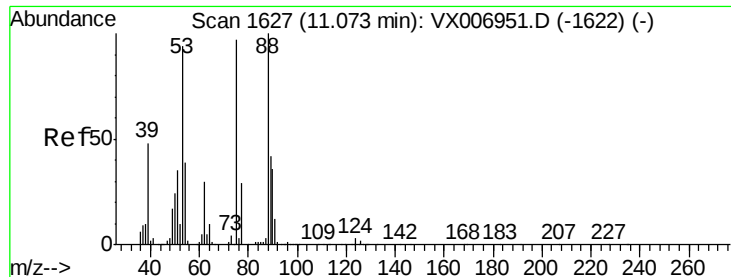
120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.504 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

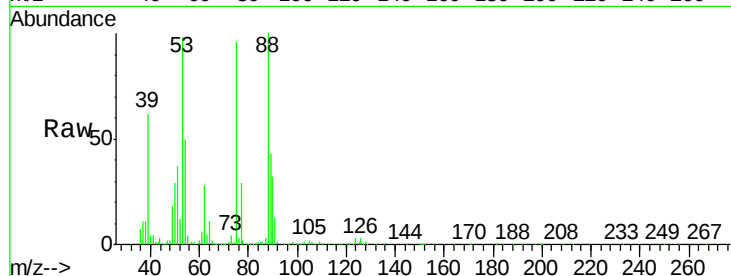
Tot Ion: 75 Resp: 40534

Ion Ratio Lower Upper

75 100

53 106.9 79.7 119.5

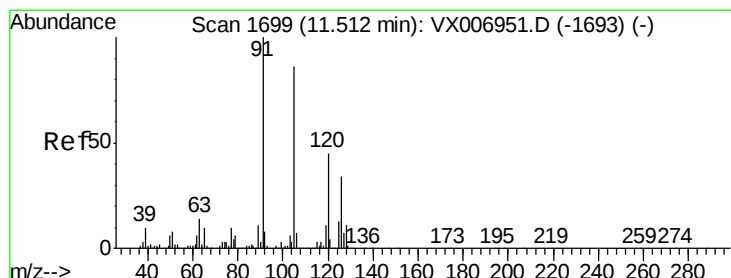
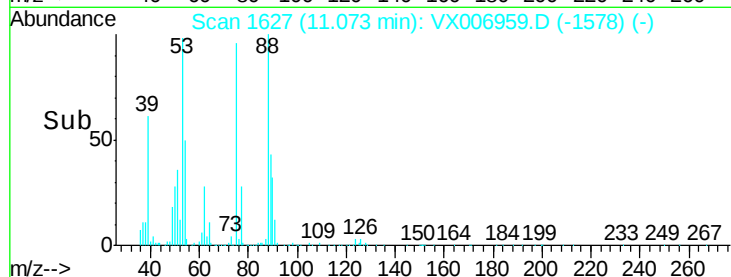
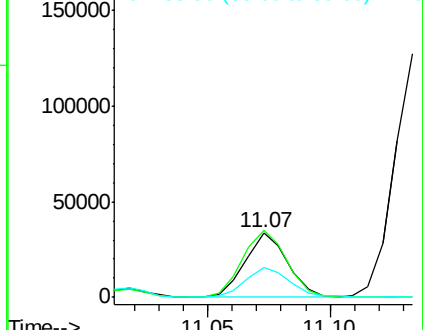
89 49.1 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.923 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006959.D

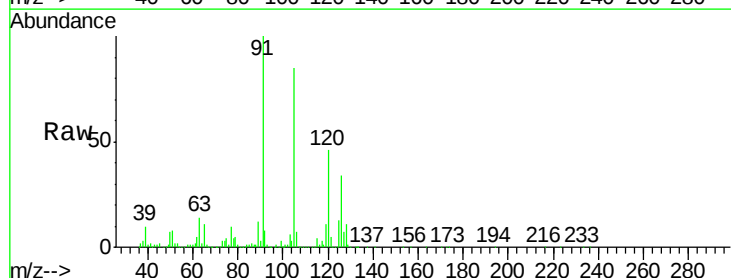
Acq: 09 Jan 2019 11:52

Tgt Ion: 91 Resp: 386955

Ion Ratio Lower Upper

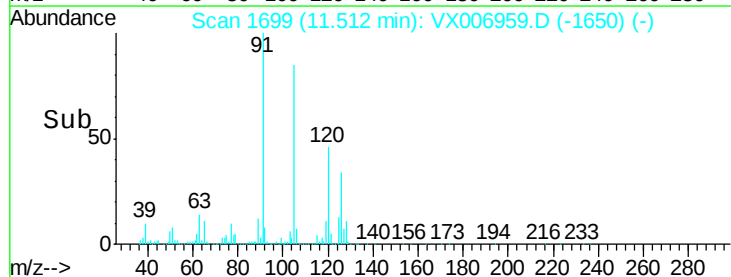
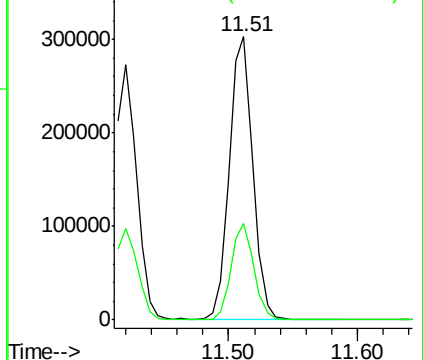
91 100

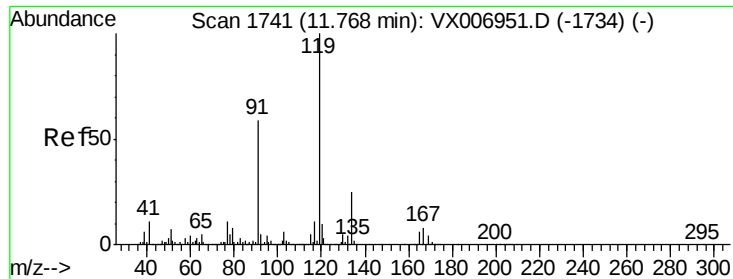
126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.080 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

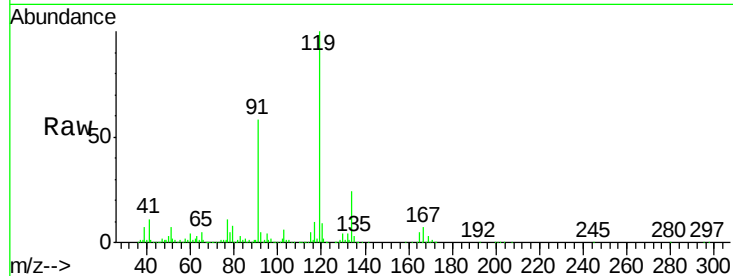
Tot Ion:119 Resp: 425118

Ion Ratio Lower Upper

119 100

91 55.6 27.7 83.1

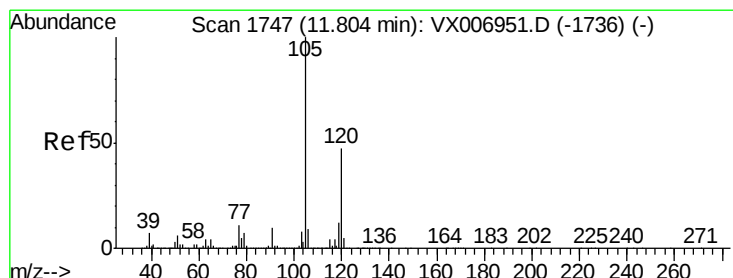
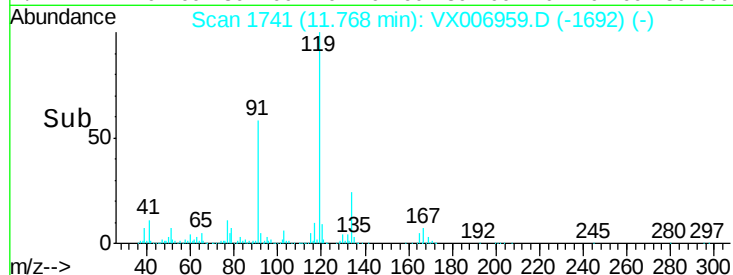
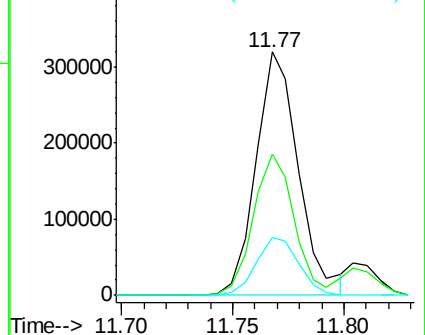
134 24.1 11.9 35.5



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: 19.231 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006959.D

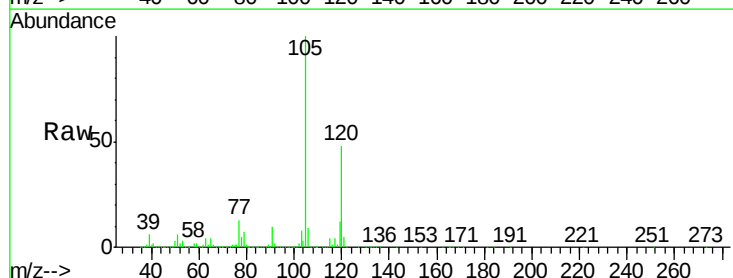
Acq: 09 Jan 2019 11:52

Tgt Ion:105 Resp: 431862

Ion Ratio Lower Upper

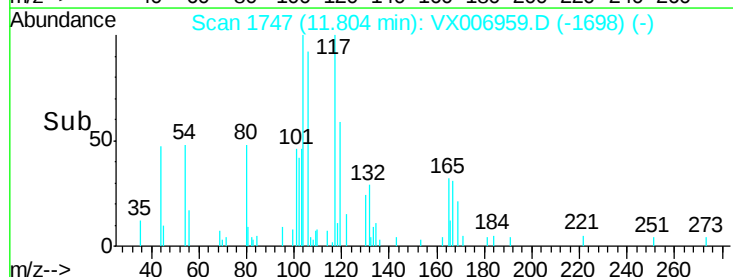
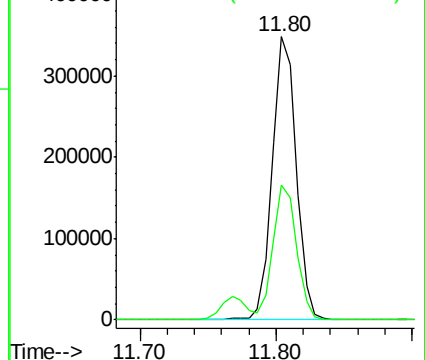
105 100

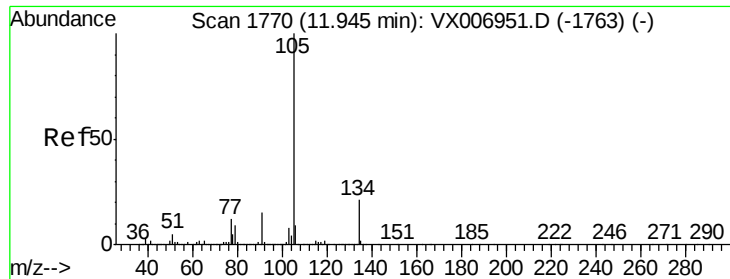
120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

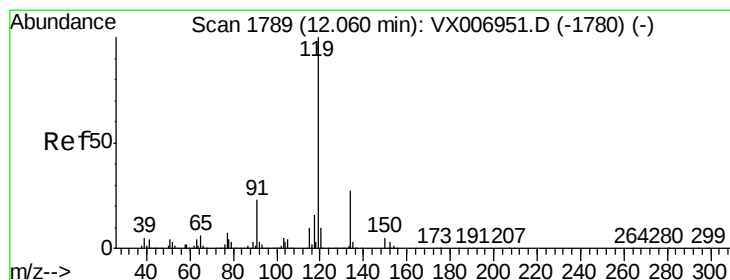
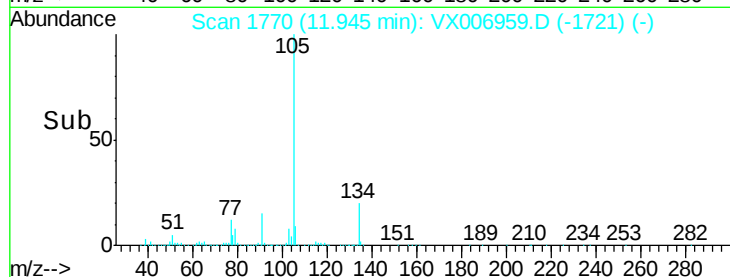
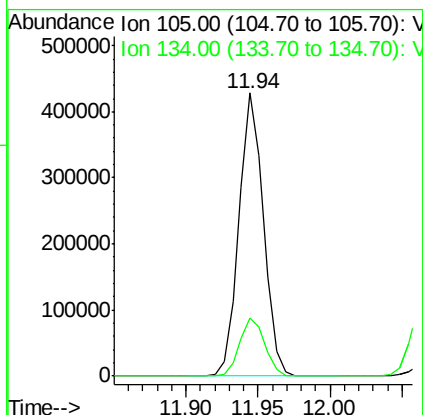
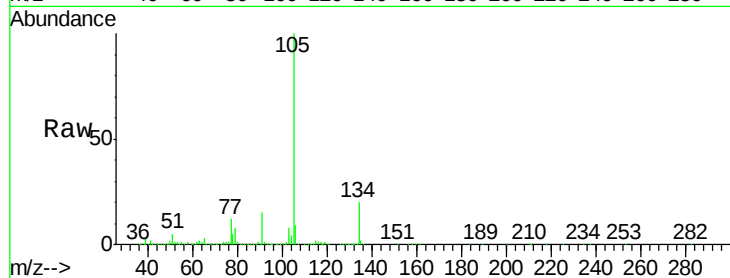




#85
 sec-Butylbenzene
 Concen: 19.008 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

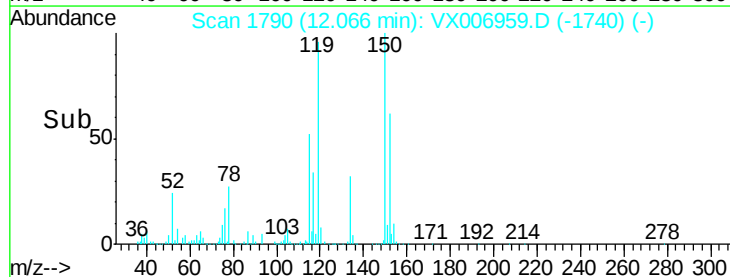
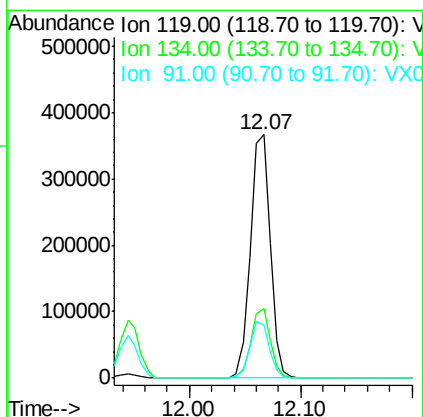
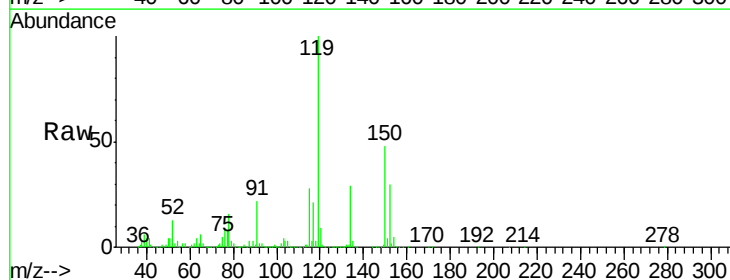
Instrument :
 MSVOA_X
 ClientSampleId :

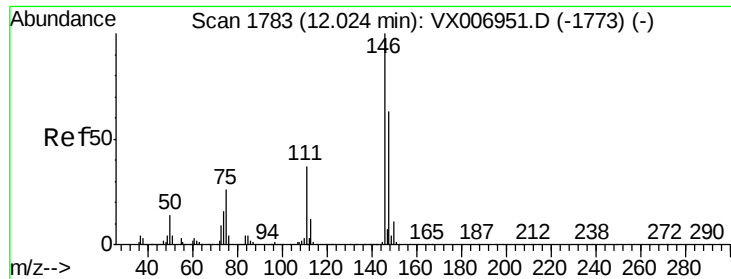
Tot Ion:105 Resp: 505792
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.110 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Tgt Ion:119 Resp: 454847
 Ion Ratio Lower Upper
 119 100
 134 27.7 14.0 41.9
 91 22.5 11.3 33.9

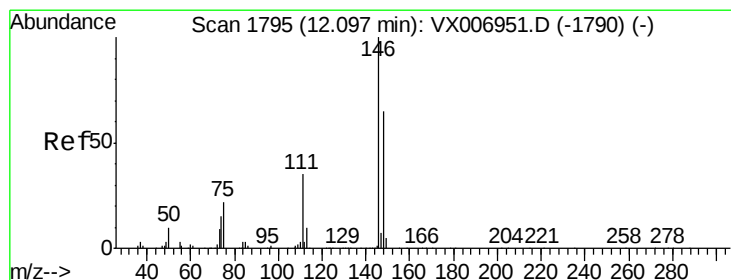
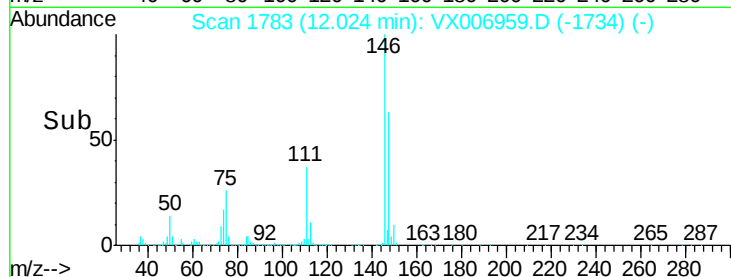
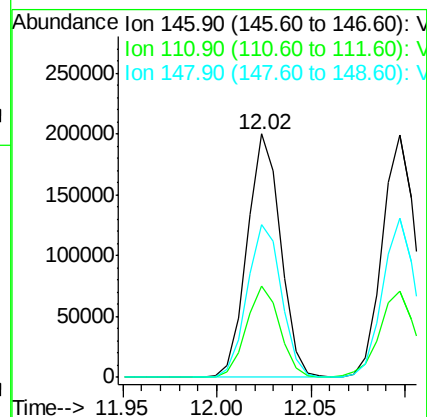
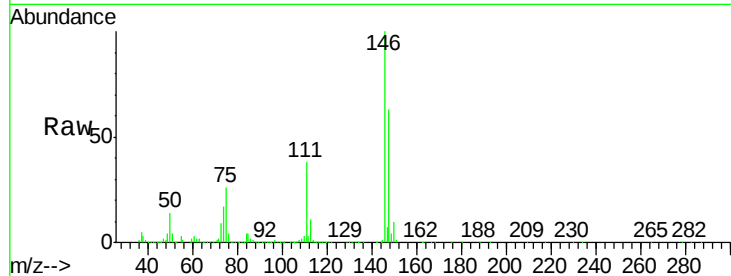




#87
 1,3-Dichlorobenzene
 Concen: 18.478 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

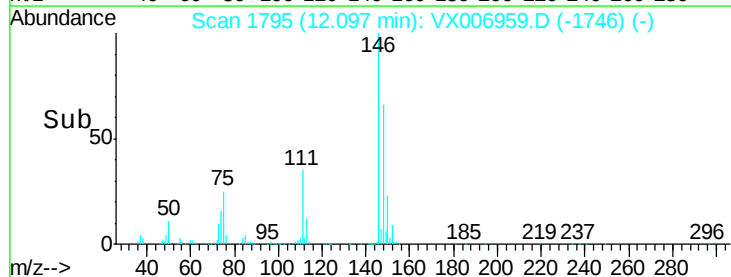
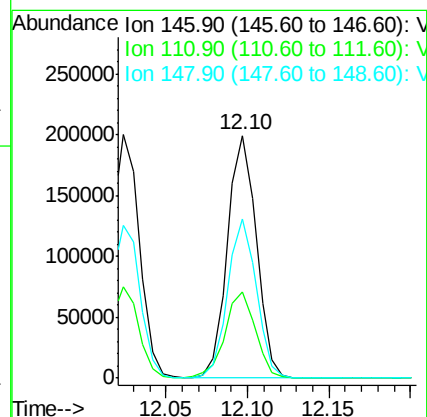
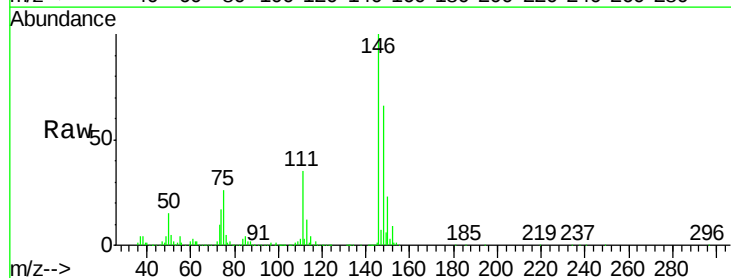
Instrument :
 MSVOA_X
 ClientSampleId :

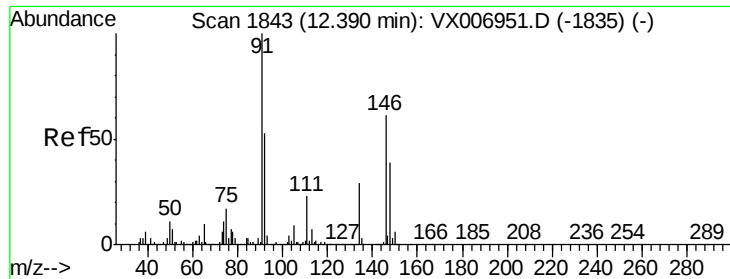
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.607 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	65.2	31.9	95.9

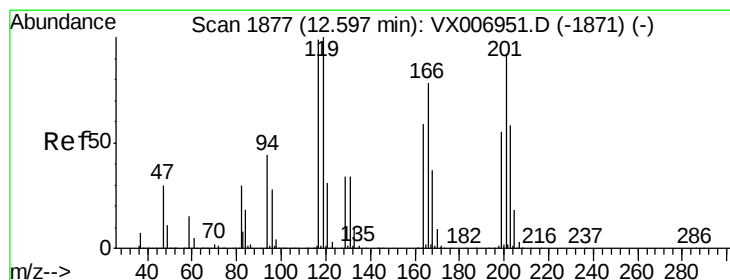
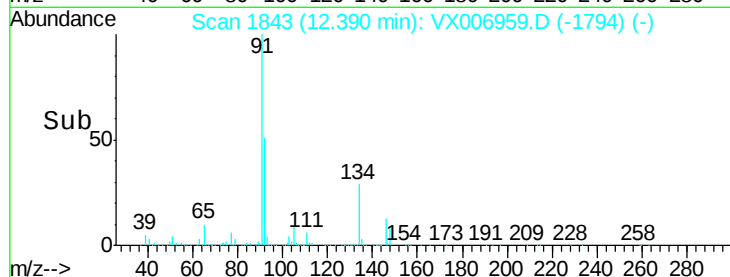
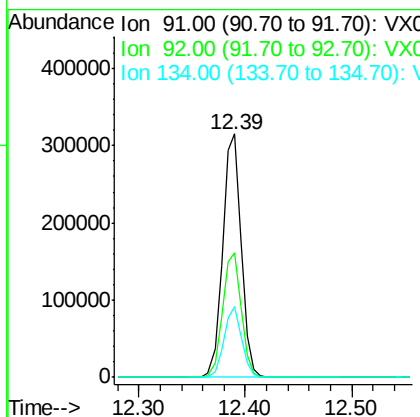
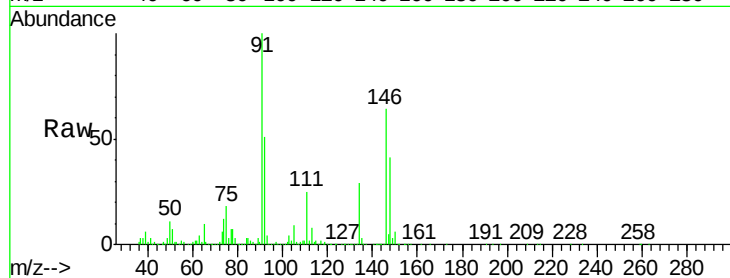




#89
n-Butylbenzene
Concen: 18.817 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

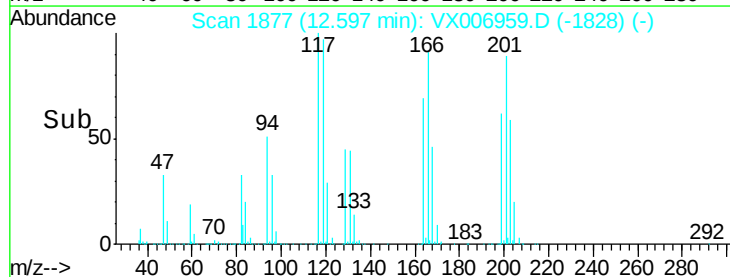
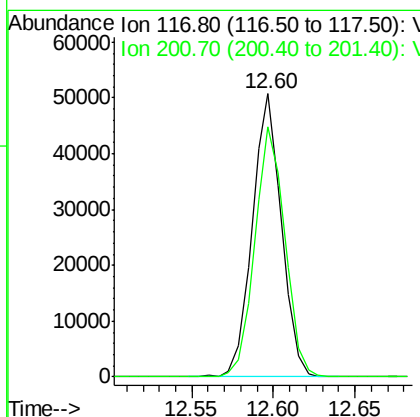
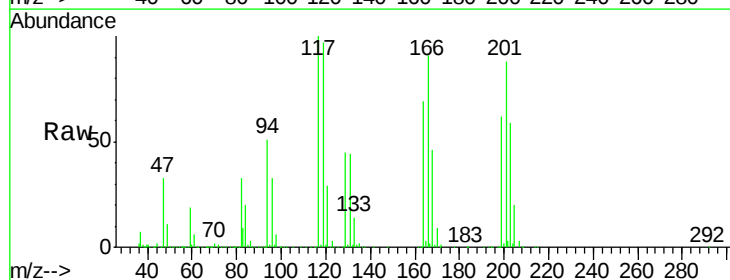
Instrument :
MSVOA_X
ClientSampleId :

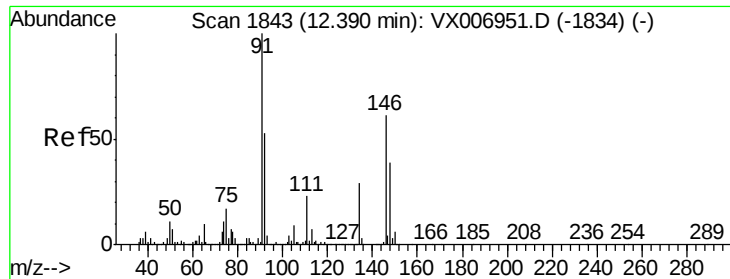
Tot Ion: 91 Resp: 381799
Ion Ratio Lower Upper
91 100
92 51.9 26.8 80.4
134 27.7 14.4 43.2



#90
Hexachloroethane
Concen: 18.505 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion: 117 Resp: 62923
Ion Ratio Lower Upper
117 100
201 90.9 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 18.561 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

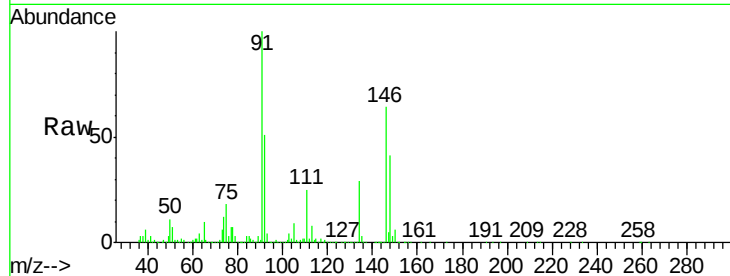
Tot Ion:146 Resp: 243811

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

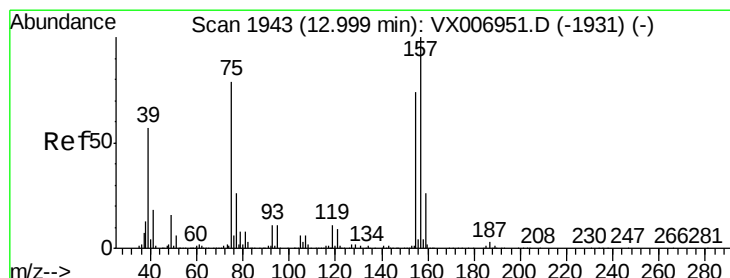
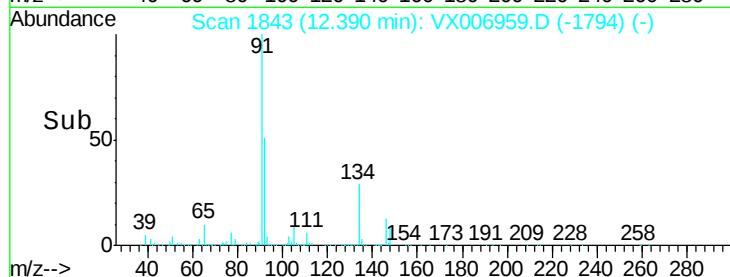
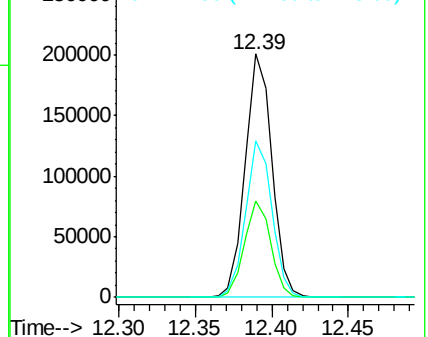
148 63.7 32.3 96.9



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: 19.384 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006959.D

Acq: 09 Jan 2019 11:52

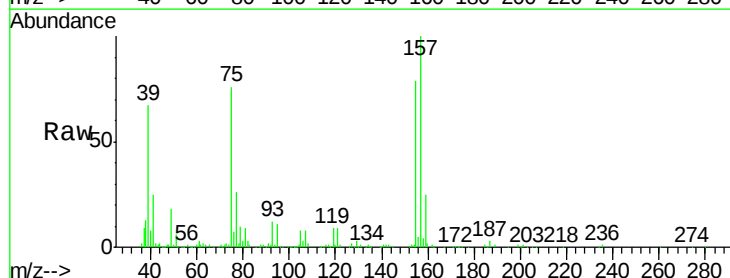
Tgt Ion: 75 Resp: 32528

Ion Ratio Lower Upper

75 100

155 101.5 50.6 151.8

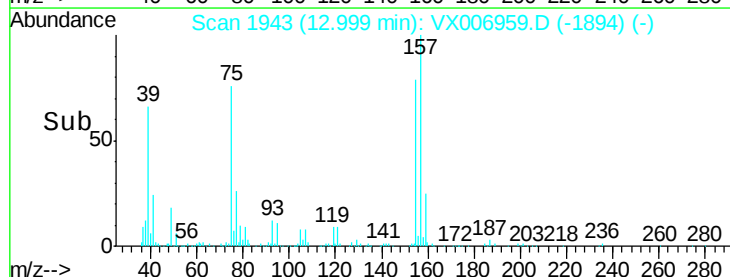
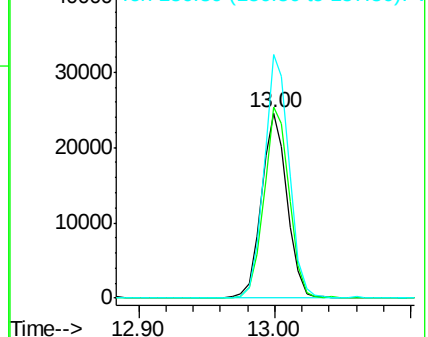
157 127.7 64.6 193.8

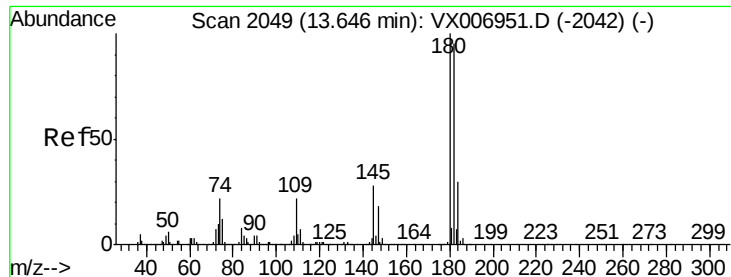


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

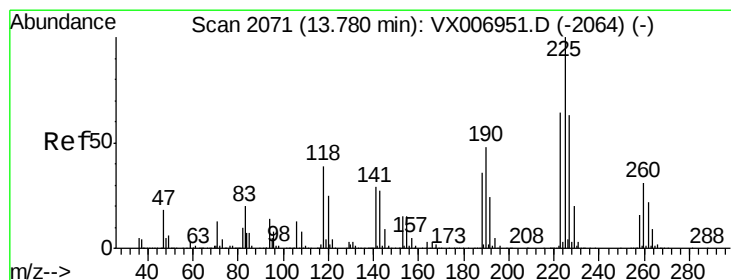
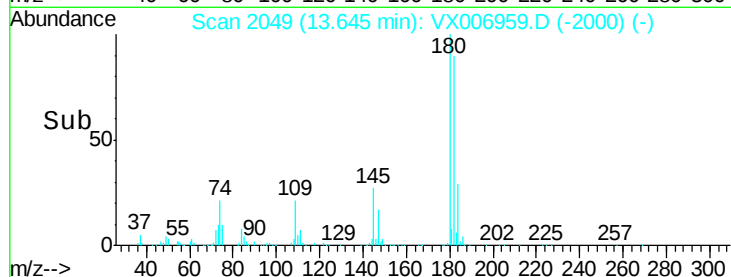
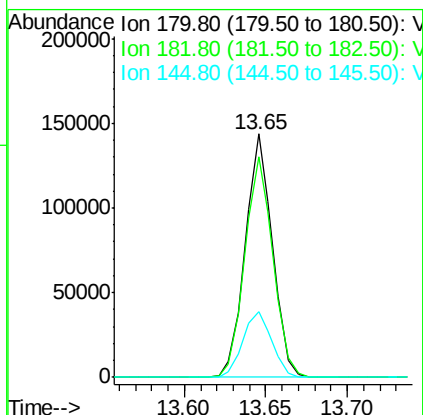
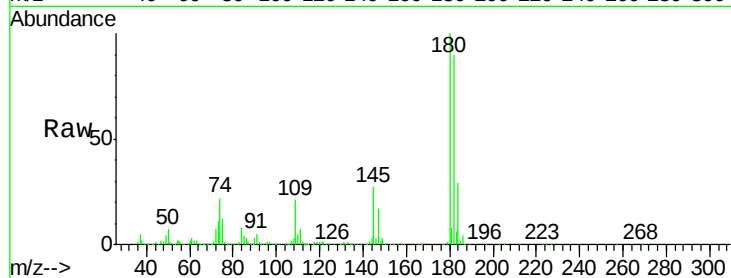




#93
 1,2,4-Trichlorobenzene
 Concen: 18.526 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

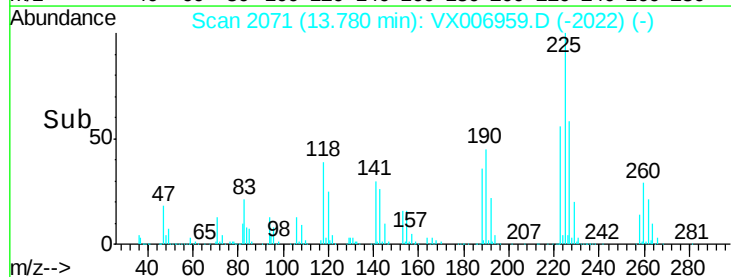
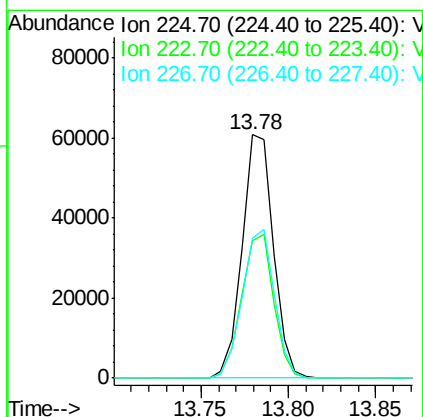
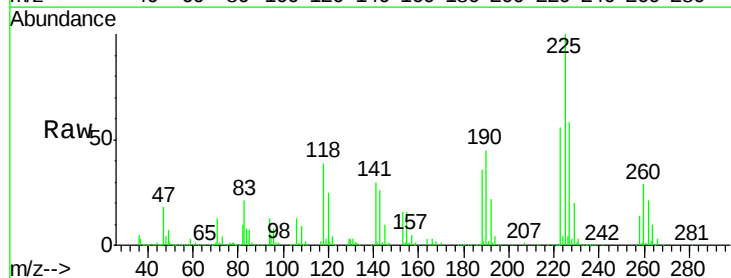
Instrument :
 MSVOA_X
 ClientSampleId :

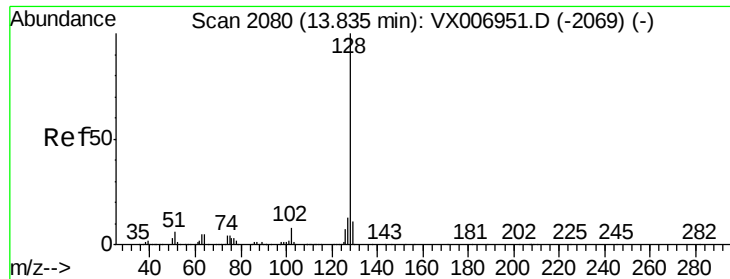
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	142.0
145	28.8	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 18.959 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006959.D
 Acq: 09 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	32.1	96.3
227	62.8	32.3	96.8

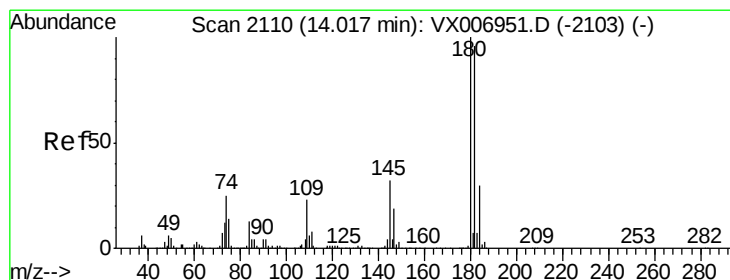
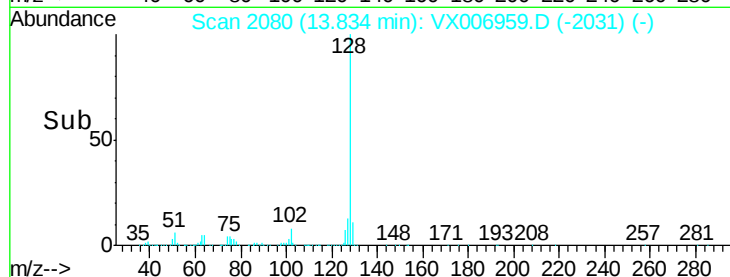
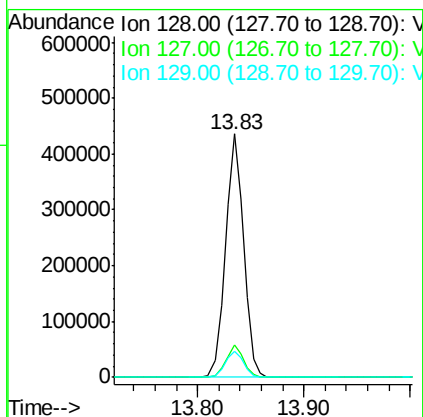
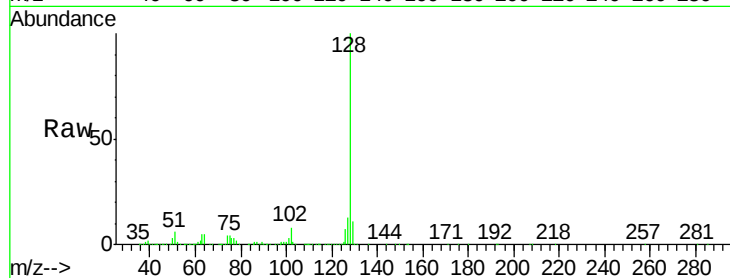




#95
Naphthalene
Concen: 19.013 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 519192
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.364 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006959.D
Acq: 09 Jan 2019 11:52

Tgt Ion:180 Resp: 164399
Ion Ratio Lower Upper
180 100
182 96.4 48.5 145.5
145 31.3 16.0 47.9

