

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010719\
 Data File : VX006945.D
 Acq On : 07 Jan 2019 19:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 06:37:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	504761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	762086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	685344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	353634	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	276904	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.51	113	253859	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	8.71	98	913225	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	329801	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	173514	37.576	ug/l 100
3) Chloromethane	1.32	50	232186	46.672	ug/l 99
4) Vinyl Chloride	1.41	62	219377	42.222	ug/l 98
5) Bromomethane	1.64	94	192371	39.263	ug/l 100
6) Chloroethane	1.71	64	148576	41.298	ug/l 99
7) Trichlorofluoromethane	1.92	101	369939	45.668	ug/l 96
8) Diethyl Ether	2.19	74	154199	47.925	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	223218	46.931	ug/l 99
10) Methyl Iodide	2.51	142	290288	42.637	ug/l 99
11) Tert butyl alcohol	3.08	59	313804	258.471	ug/l 99
12) 1,1-Dichloroethene	2.37	96	201919	44.773	ug/l 98
13) Acrolein	2.29	56	190338	232.395	ug/l 99
14) Allyl chloride	2.73	41	366678	48.303	ug/l 99
15) Acrylonitrile	3.15	53	721174	267.534	ug/l 100
16) Acetone	2.45	43	594320	237.790	ug/l 99
17) Carbon Disulfide	2.57	76	402254	33.704	ug/l 99
18) Methyl Acetate	2.78	43	455422	61.968	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	795458	53.142	ug/l 100
20) Methylene Chloride	2.85	84	335072	64.833	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	217707	43.568	ug/l 98
22) Diisopropyl ether	3.87	45	736352	53.022	ug/l 94
23) Vinyl Acetate	3.82	43	2959510	260.528	ug/l 99
24) 1,1-Dichloroethane	3.70	63	401045	48.375	ug/l 100
25) 2-Butanone	4.70	43	891725	253.645	ug/l 97
26) 2,2-Dichloropropane	4.59	77	283678	44.297	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	265222	48.106	ug/l 99
28) Bromochloromethane	5.01	49	189432	54.367	ug/l 97
29) Tetrahydrofuran	5.15	42	604181	260.927	ug/l 97
30) Chloroform	5.21	83	431148	50.221	ug/l 100
31) Cyclohexane	5.57	56	315447	41.883	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	361630	49.886	ug/l 99
36) 1,1-Dichloropropene	5.79	75	291400	46.167	ug/l 99
37) Ethyl Acetate	4.85	43	346070	52.679	ug/l 99
38) Carbon Tetrachloride	5.78	117	307377	50.110	ug/l 97

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 ClientSampleId :

Quant Time: Jan 08 06:37:04 2019
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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346067	41.646	ug/l	98
40) Benzene	6.14	78	917457	47.819	ug/l	99
41) Methacrylonitrile	5.06	41	195885	56.162	ug/l	98
42) 1,2-Dichloroethane	6.20	62	323678	49.510	ug/l	99
43) Isopropyl Acetate	6.46	43	570238	57.048	ug/l	98
44) Trichloroethene	7.21	130	268765	46.283	ug/l	98
45) 1,2-Dichloropropane	7.52	63	241085	51.637	ug/l	99
46) Dibromomethane	7.66	93	169650	49.400	ug/l	98
47) Bromodichloromethane	7.90	83	301443	52.870	ug/l	99
48) Methyl methacrylate	7.77	41	288392	56.735	ug/l	97
49) 1,4-Dioxane	7.75	88	128688	966.942	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1774180	278.960	ug/l	99
52) Toluene	8.79	92	598135	48.257	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	337151	55.136	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	366365	54.604	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	268214	52.866	ug/l	96
56) Ethyl methacrylate	9.18	69	388107	54.124	ug/l	95
57) 1,3-Dichloropropane	9.37	76	419031	51.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1027718	269.623	ug/l	100
59) 2-Hexanone	9.49	43	1323902	272.064	ug/l	99
60) Dibromochloromethane	9.59	129	271082	51.037	ug/l	98
61) 1,2-Dibromoethane	9.67	107	286936	53.203	ug/l	99
64) Tetrachloroethene	9.34	164	252758	46.575	ug/l	96
65) Chlorobenzene	10.14	112	716957	49.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	264179	58.399	ug/l	99
67) Ethyl Benzene	10.25	91	1167618	49.282	ug/l	99
68) m/p-Xylenes	10.36	106	922221	98.644	ug/l	99
69) o-Xylene	10.70	106	457225	49.527	ug/l	99
70) Styrene	10.71	104	738492	50.563	ug/l	99
71) Bromoform	10.86	173	199967	49.095	ug/l #	99
73) Isopropylbenzene	11.02	105	1199142	49.566	ug/l	99
74) N-amyl acetate	10.90	43	506686	58.511	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	399792	55.565	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	441547	67.186	ug/l	91
77) Bromobenzene	11.26	156	328307	50.195	ug/l	98
78) n-propylbenzene	11.36	91	1326461	49.790	ug/l	99
79) 2-Chlorotoluene	11.42	91	779857	48.304	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	995068	49.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	104122	48.367	ug/l	99
82) 4-Chlorotoluene	11.51	91	918349	49.589	ug/l	99
83) tert-Butylbenzene	11.77	119	1038581	52.076	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1013186	48.340	ug/l	99
85) sec-Butylbenzene	11.94	105	1197277	48.964	ug/l	100
86) p-Isopropyltoluene	12.06	119	1078228	50.164	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	578497	49.076	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	588887	48.732	ug/l	100
89) n-Butylbenzene	12.39	91	907934	49.634	ug/l	98
90) Hexachloroethane	12.60	117	162502	48.418	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	582721	49.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80521	54.087	ug/l	99

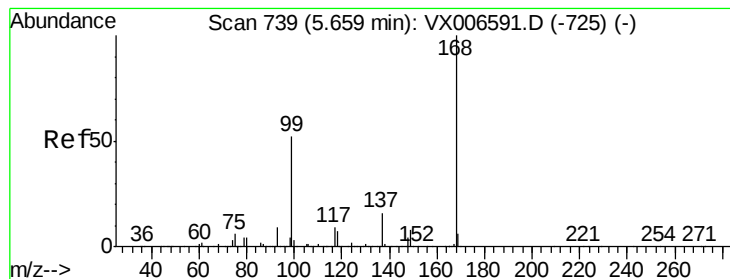
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	410565	50.475	ug/l	100
94) Hexachlorobutadiene	13.78	225	178154	46.468	ug/l	99
95) Naphthalene	13.83	128	1279395	49.282	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	406998	48.462	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

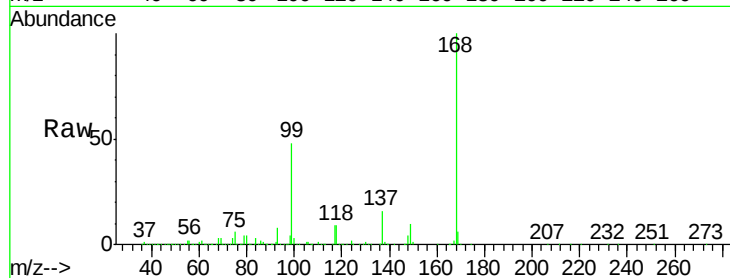
ClientSampled :

Tot Ion:168 Resp: 504761

Ion Ratio Lower Upper

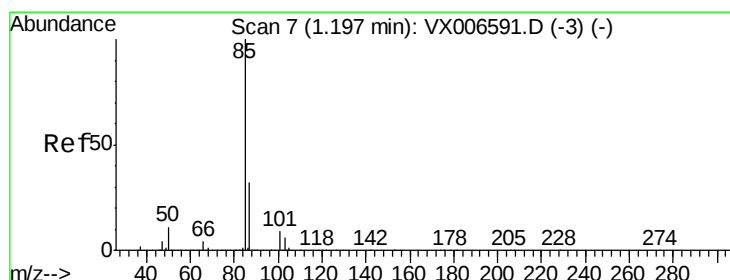
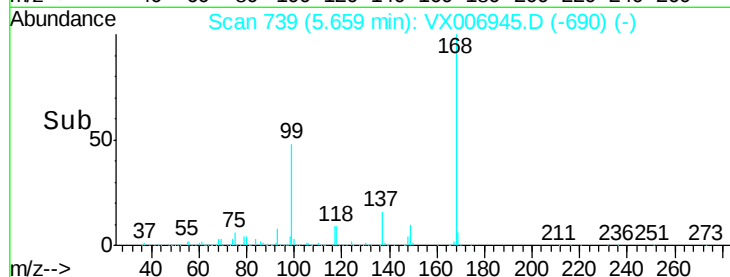
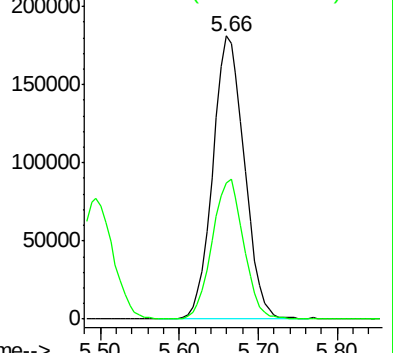
168 100

99 47.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 37.576 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006945.D

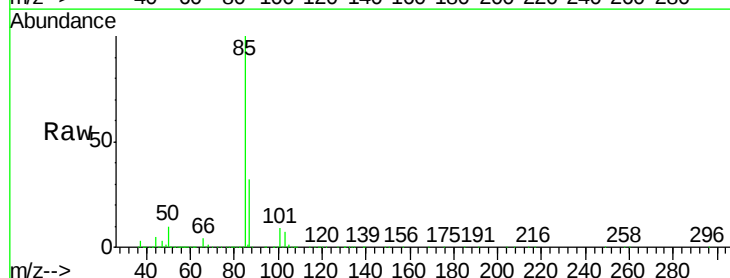
Acq: 07 Jan 2019 19:28

Tgt Ion: 85 Resp: 173514

Ion Ratio Lower Upper

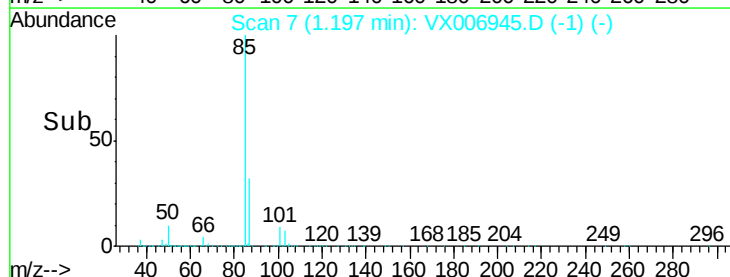
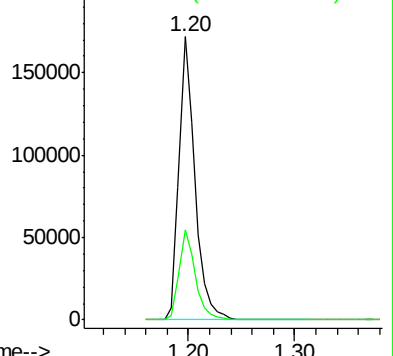
85 100

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





#3

Chloromethane

Concen: 46.672 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

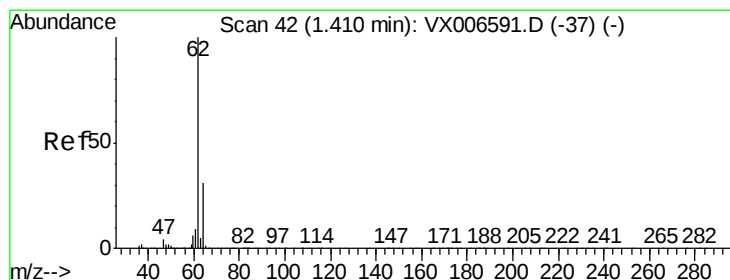
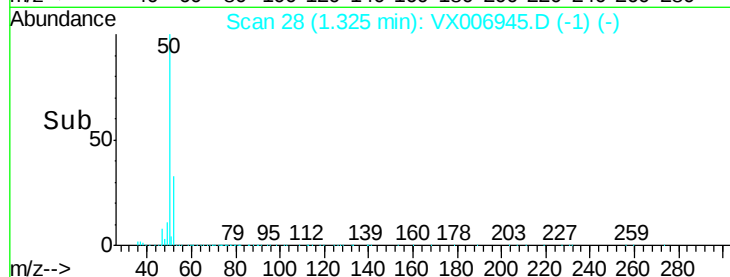
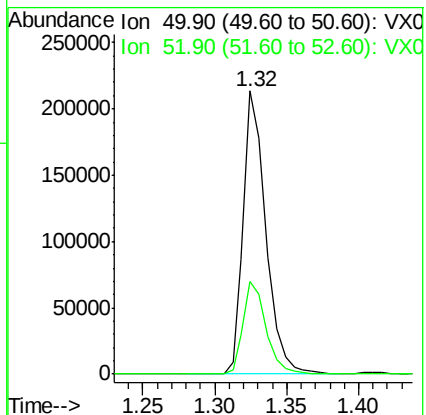
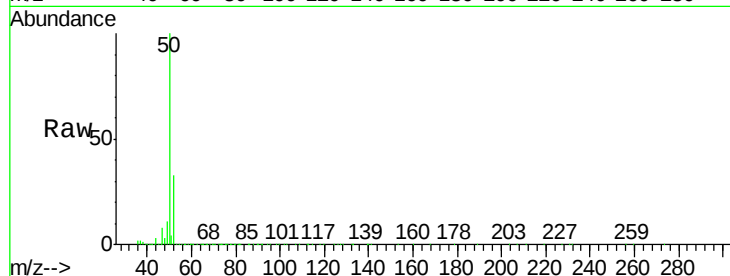
ClientSampleId :

Tot Ion: 50 Resp: 232186

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 42.222 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006945.D

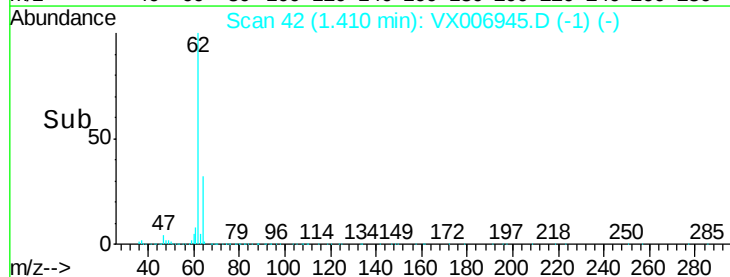
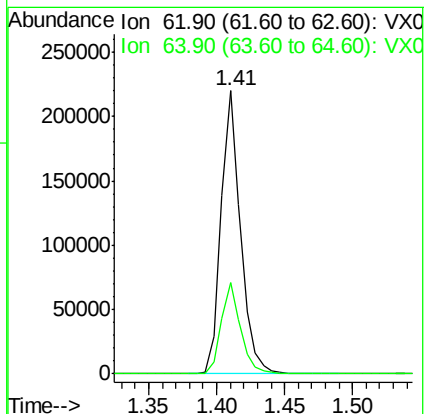
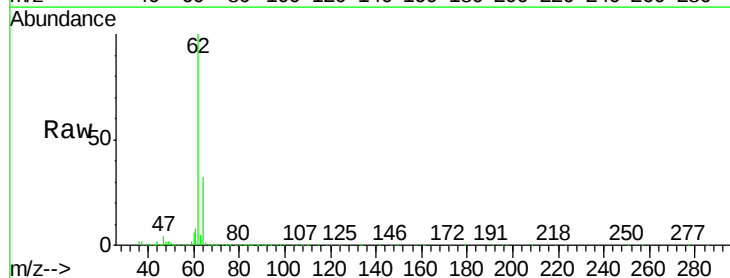
Acq: 07 Jan 2019 19:28

Tgt Ion: 62 Resp: 219377

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 39.263 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

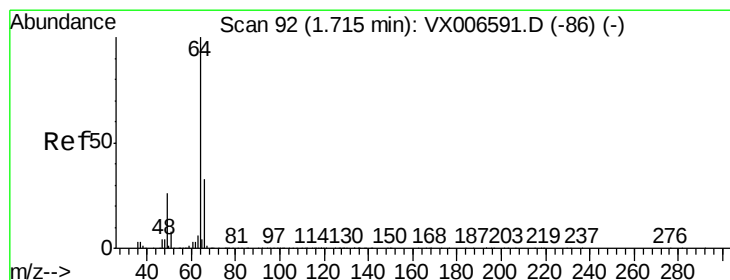
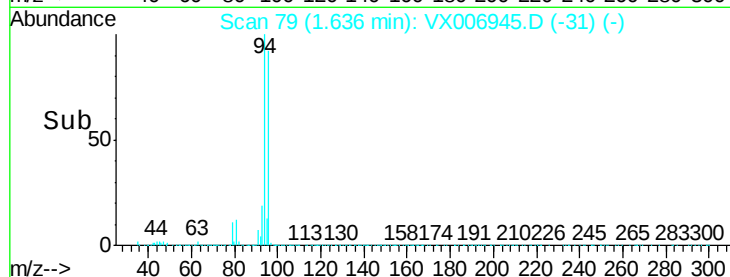
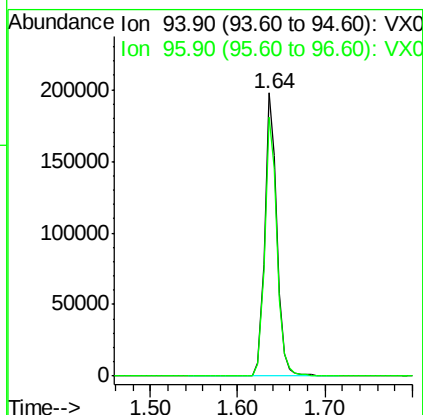
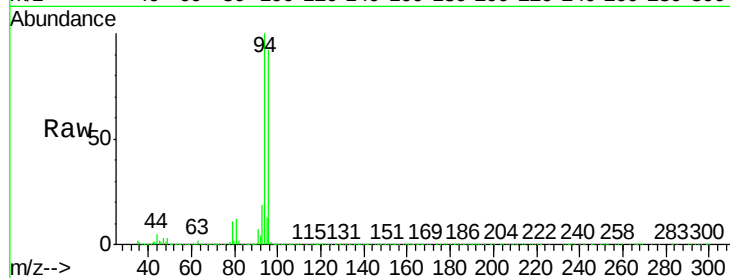
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 192371

Ion Ratio Lower Upper

94 100

96 91.7 73.4 110.2



#6

Chloroethane

Concen: 41.298 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006945.D

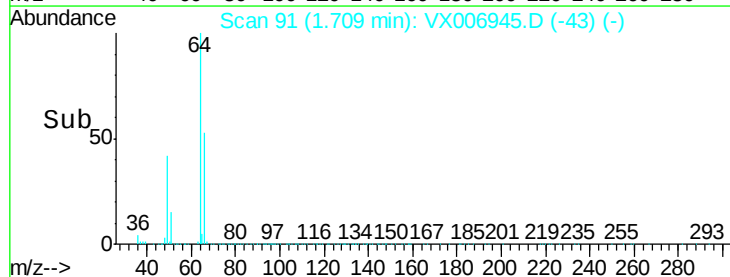
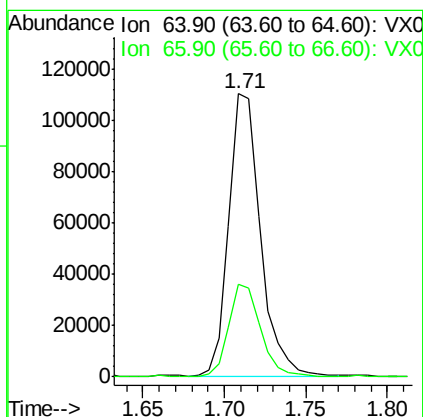
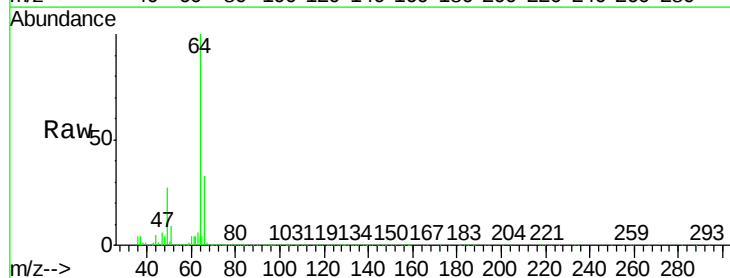
Acq: 07 Jan 2019 19:28

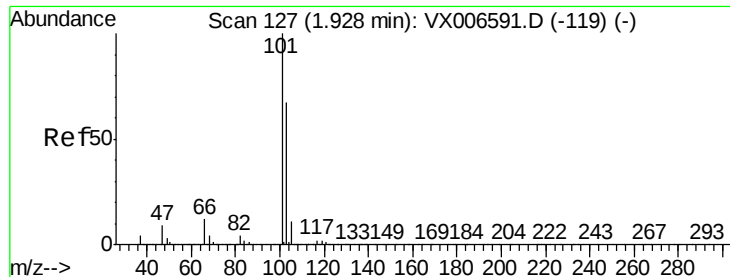
Tgt Ion: 64 Resp: 148576

Ion Ratio Lower Upper

64 100

66 32.5 26.4 39.6



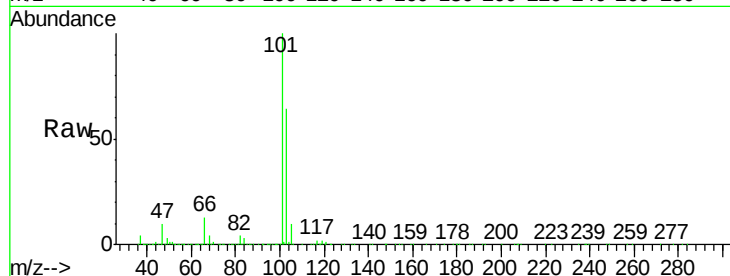


#7

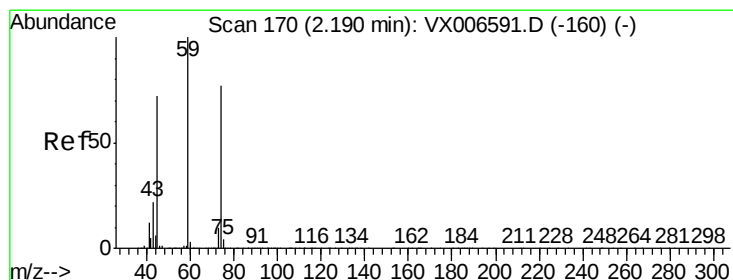
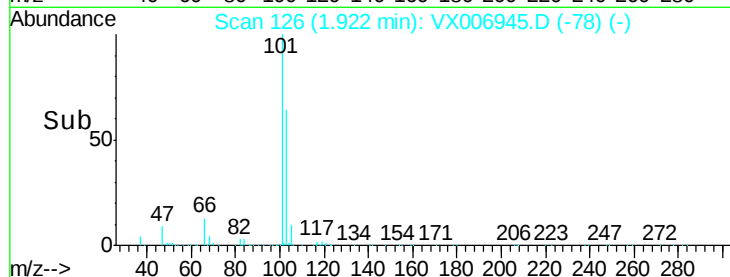
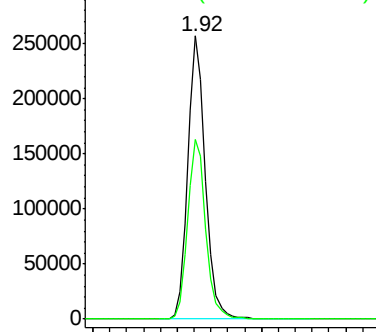
Trichlorofluoromethane
Concen: 45.668 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 369939
Ion Ratio Lower Upper
101 100
103 63.7 53.2 79.8



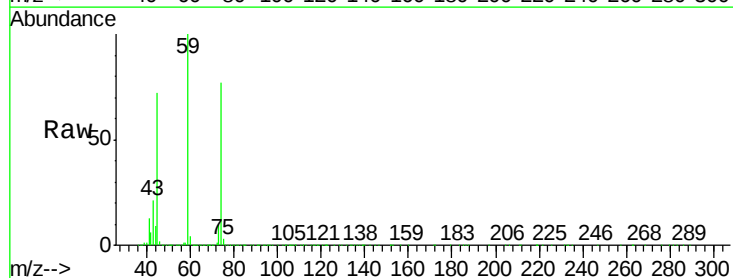
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



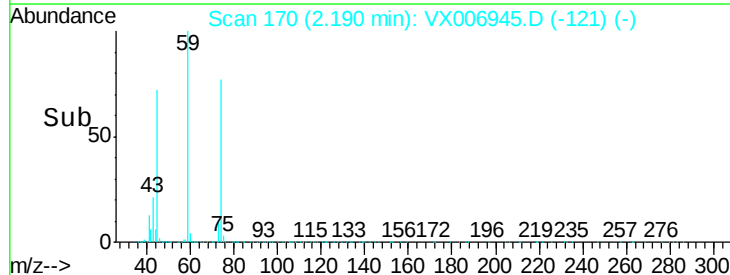
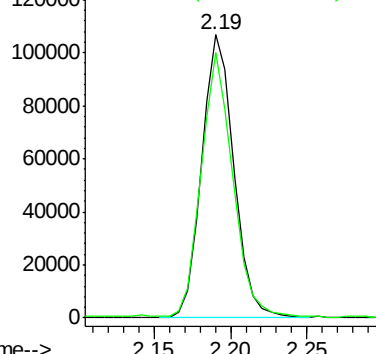
#8

Diethyl Ether
Concen: 47.925 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 74 Resp: 154199
Ion Ratio Lower Upper
74 100
45 92.4 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.931 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

ClientSampled :

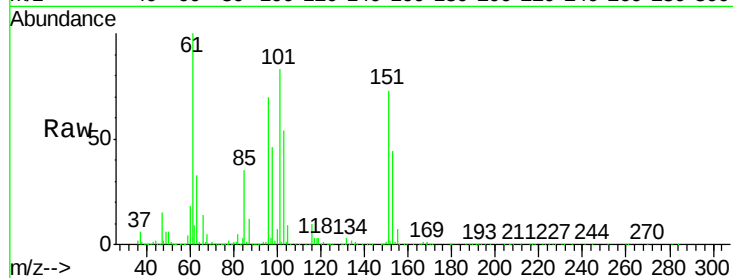
Tot Ion:101 Resp: 223218

Ion Ratio Lower Upper

101 100

85 43.4 35.1 52.7

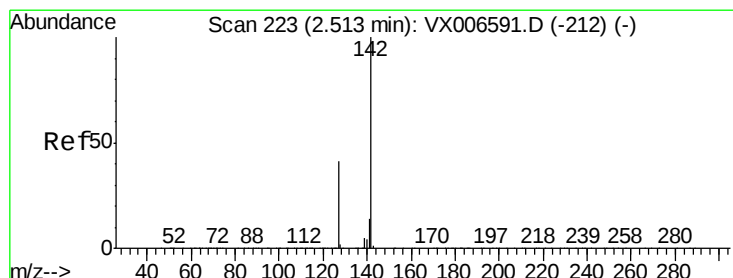
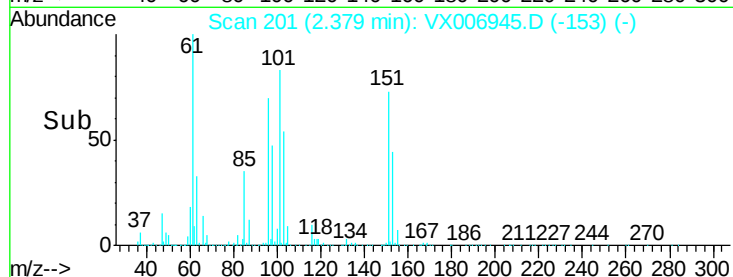
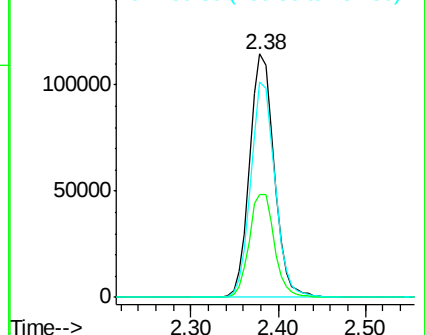
151 87.3 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.637 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

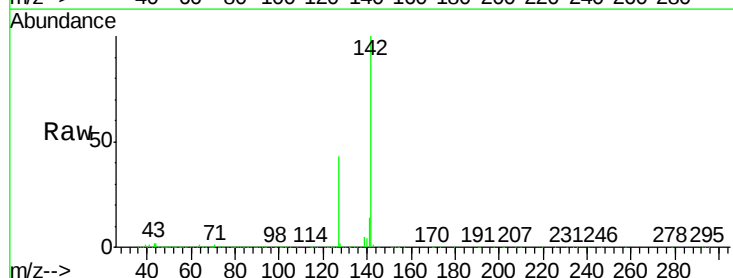
Tgt Ion:142 Resp: 290288

Ion Ratio Lower Upper

142 100

127 43.0 33.9 50.9

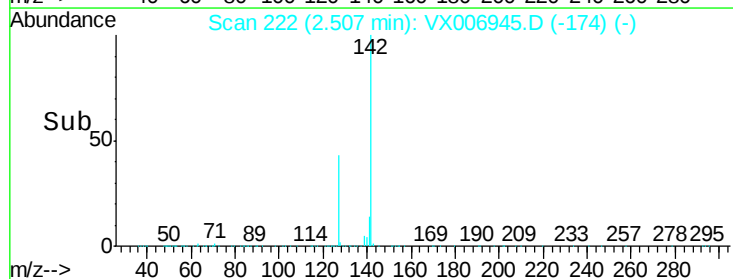
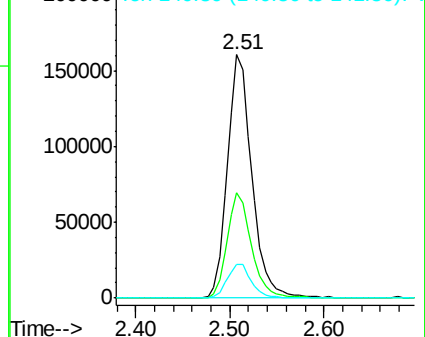
141 14.1 11.4 17.0

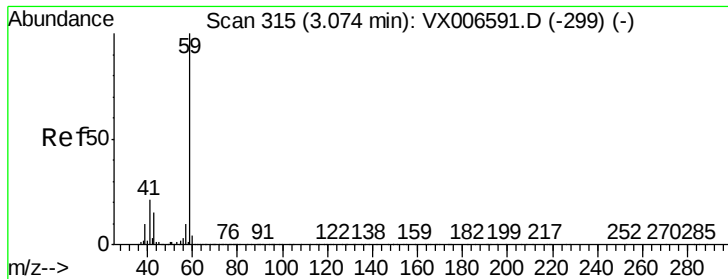


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



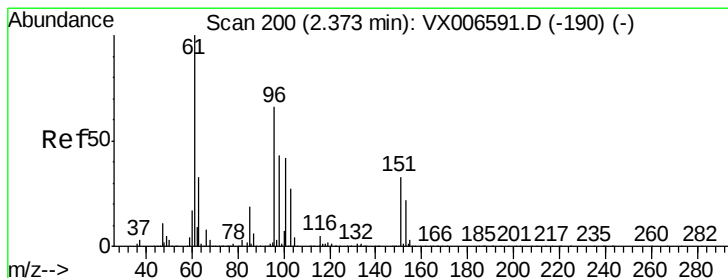
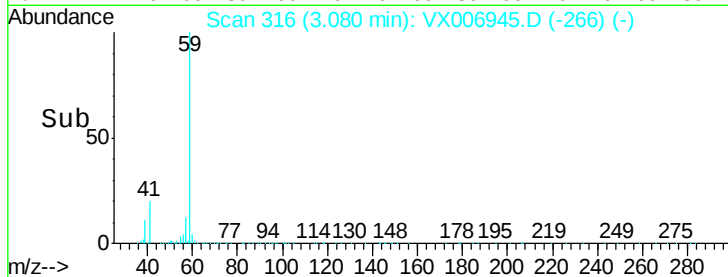
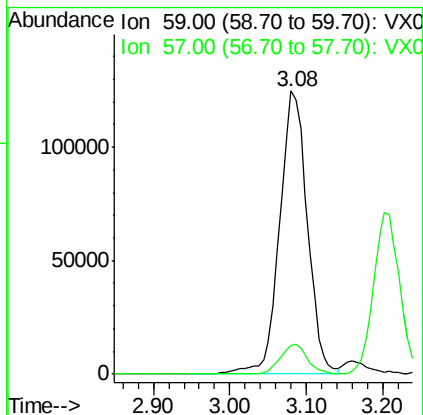
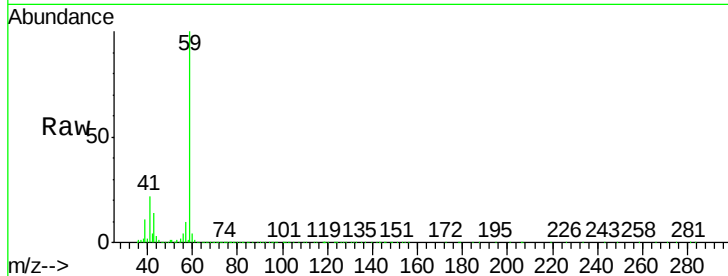


#11

Tert butyl alcohol
Concen: 258.471 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampled :

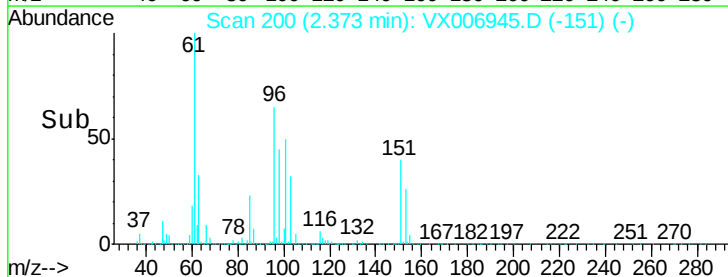
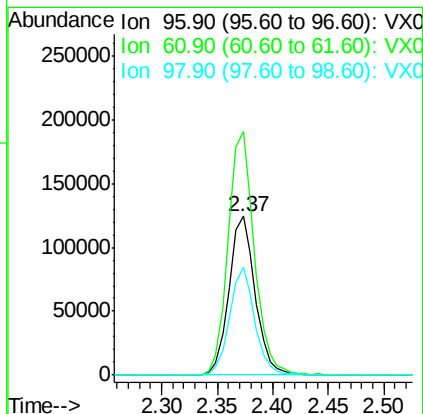
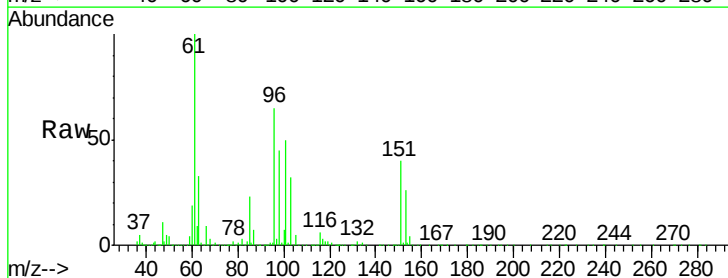
Tot Ion: 59 Resp: 313804
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

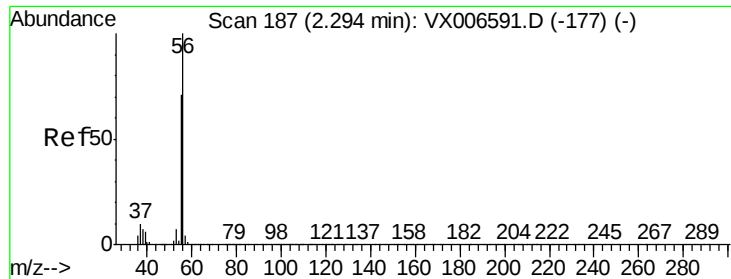


#12

1,1-Dichloroethene
Concen: 44.773 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 96 Resp: 201919
Ion Ratio Lower Upper
96 100
61 153.6 121.4 182.2
98 68.4 51.9 77.9





#13

Acrolein

Concen: 232.395 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

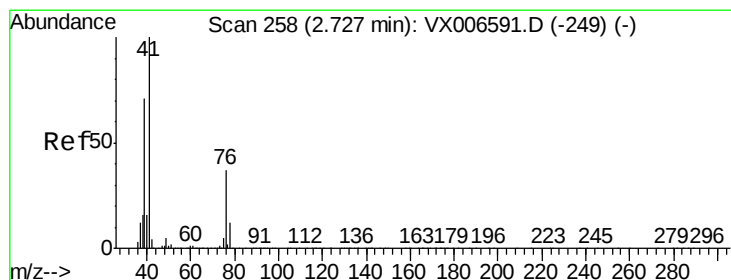
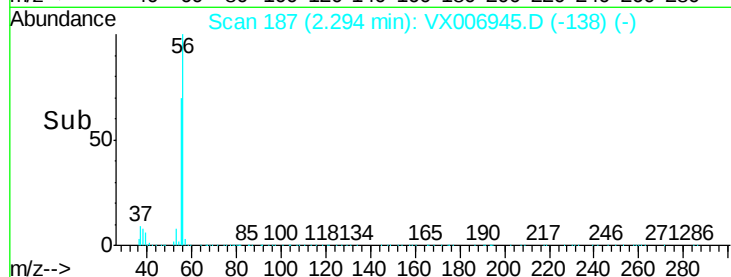
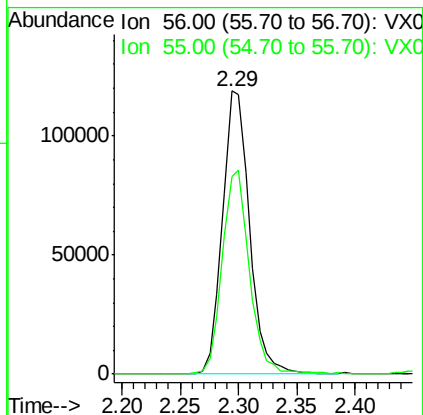
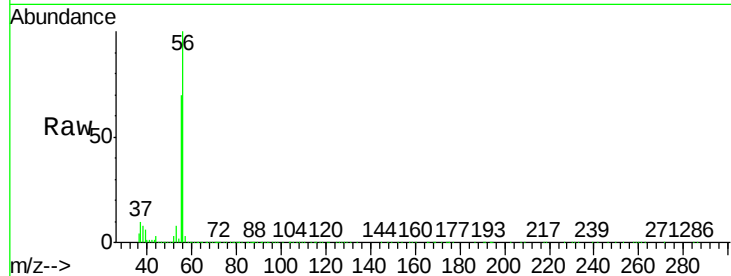
ClientSampleId :

Tot Ion: 56 Resp: 190338

Ion Ratio Lower Upper

56 100

55 71.7 58.2 87.4



#14

Allyl chloride

Concen: 48.303 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

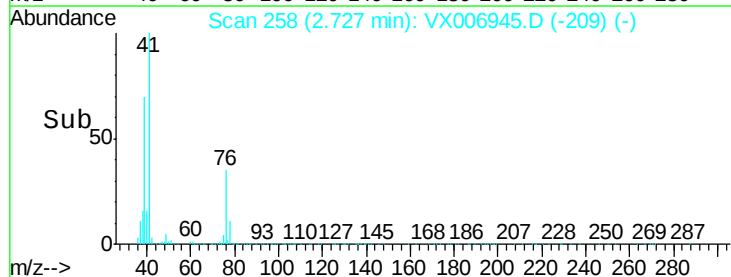
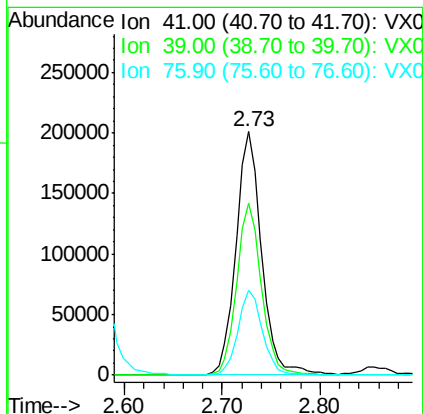
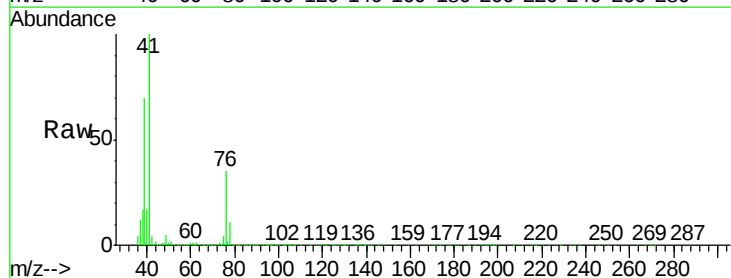
Tgt Ion: 41 Resp: 366678

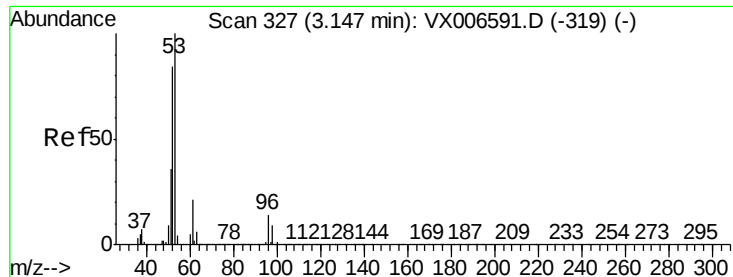
Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

76 33.3 27.4 41.2





#15

Acrylonitrile

Concen: 267.534 ug/l

RT: 3.15 min Scan# 328

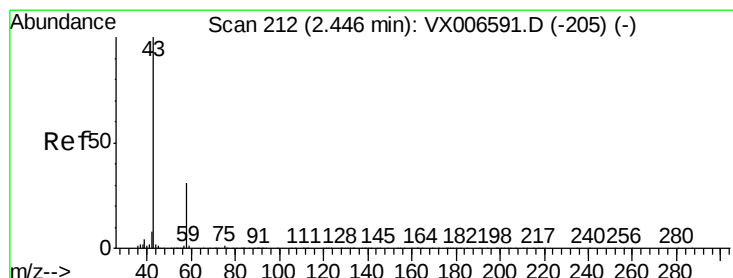
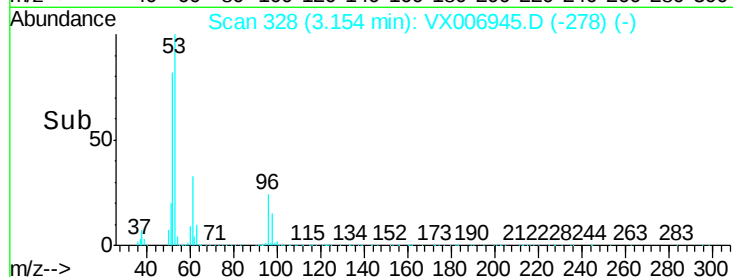
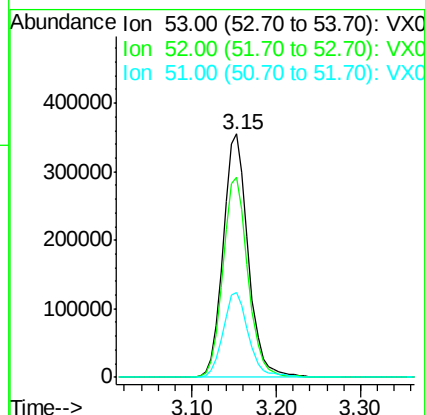
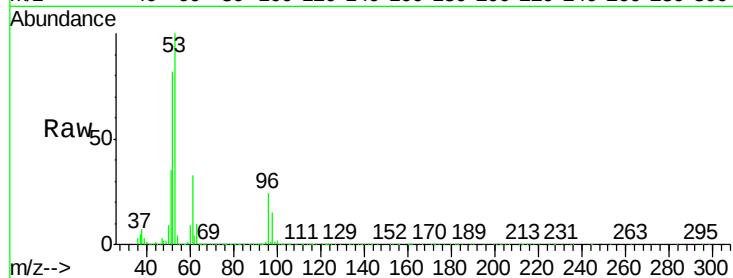
Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	721174
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.0	99.0
51	35.6	28.6	42.8



#16

Acetone

Concen: 237.790 ug/l

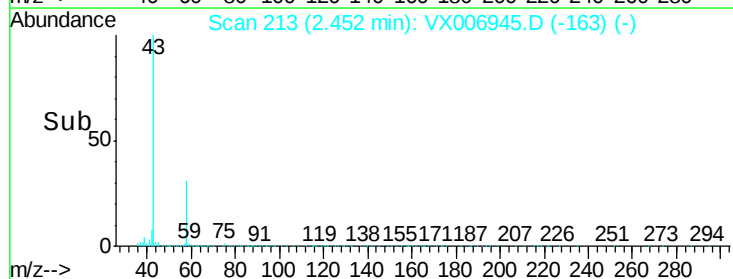
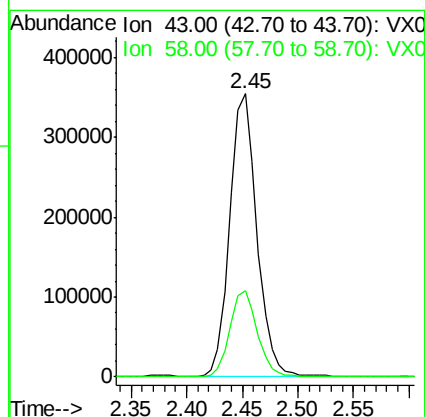
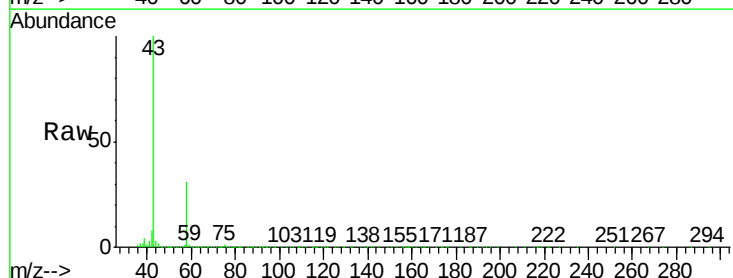
RT: 2.45 min Scan# 213

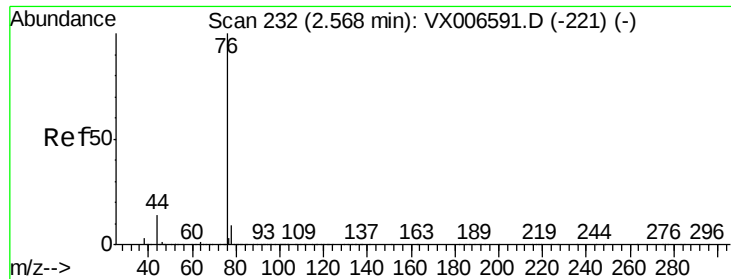
Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Tgt Ion:	43	Resp:	594320
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.0	37.6

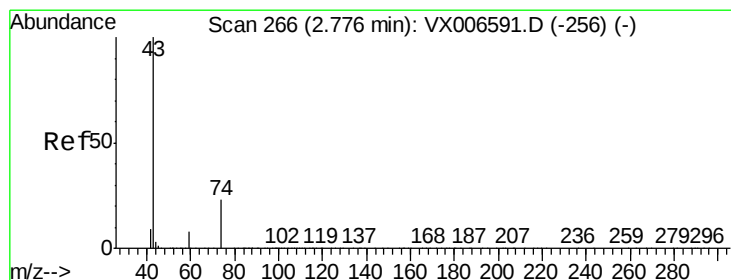
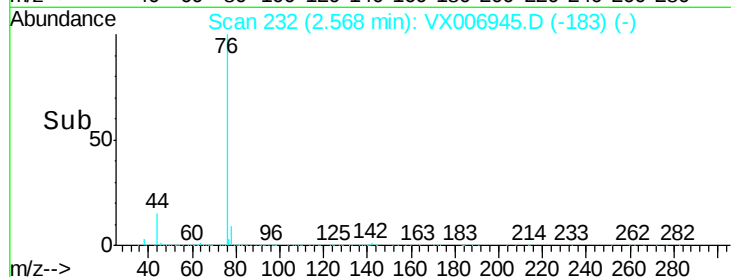
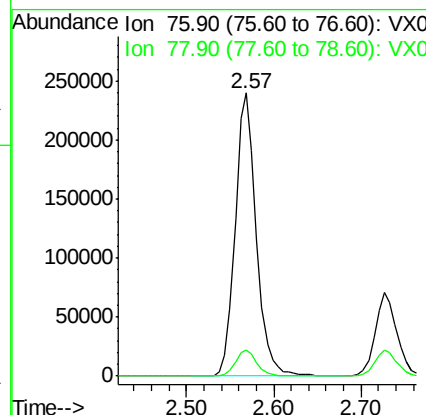
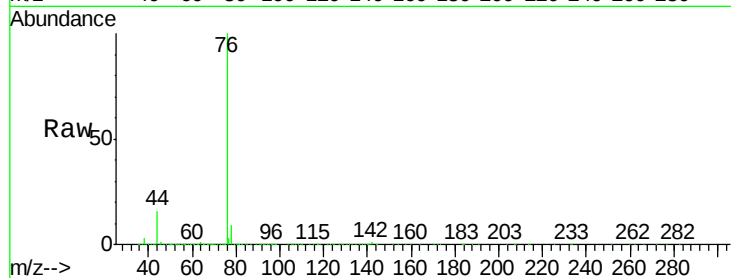




#17
Carbon Disulfide
Concen: 33.704 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

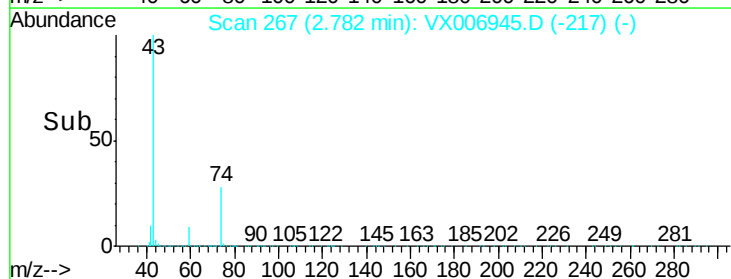
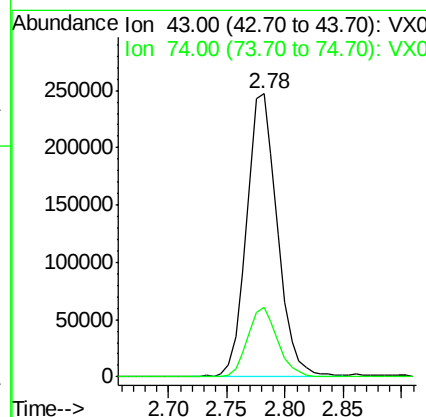
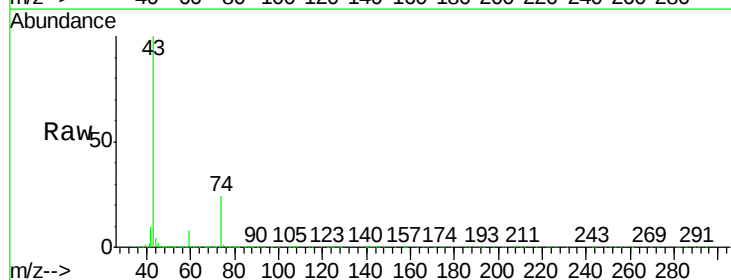
Instrument :
MSVOA_X
ClientSampleId :

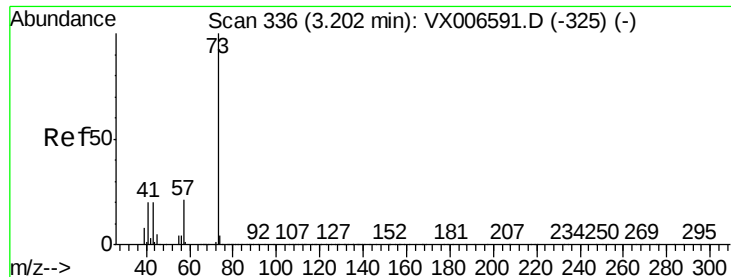
Tot Ion: 76 Resp: 402254
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 61.968 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 43 Resp: 455422
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0



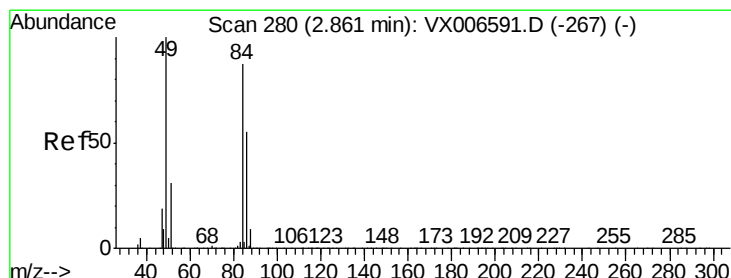
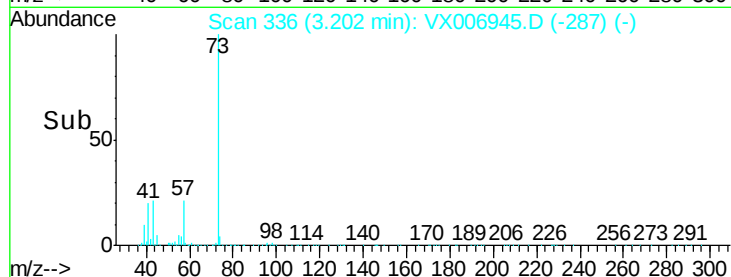
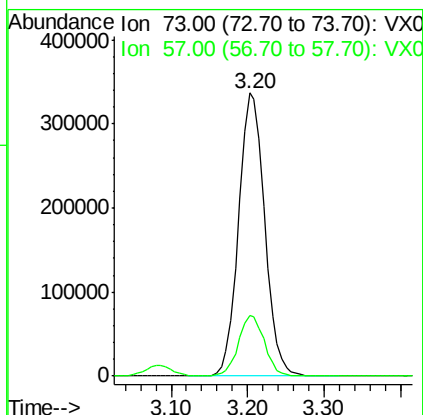
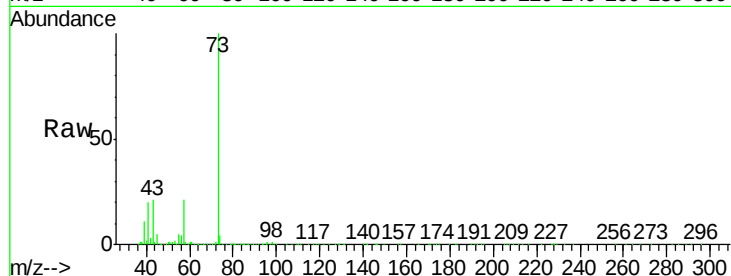


#19

Methyl tert-butyl Ether
 Concen: 53.142 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :

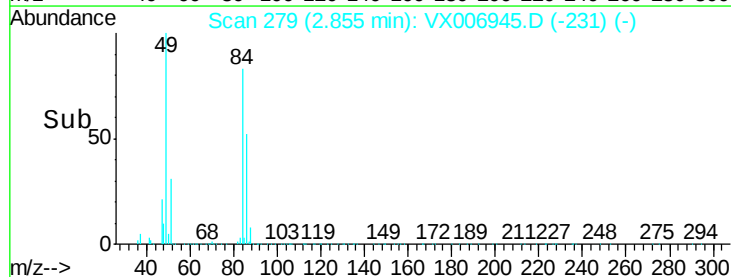
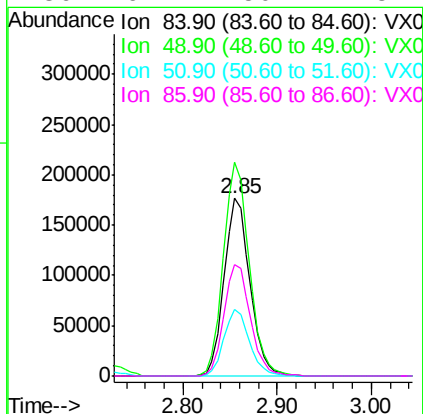
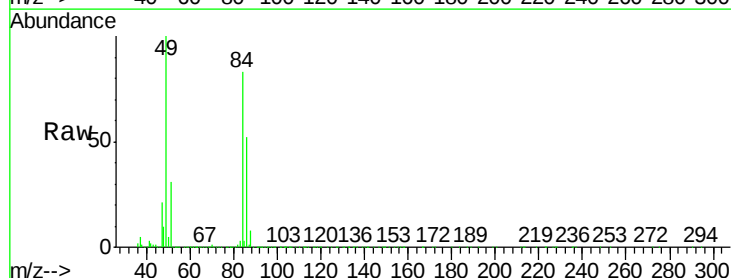
Tot Ion: 73 Resp: 795458
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.8 25.2

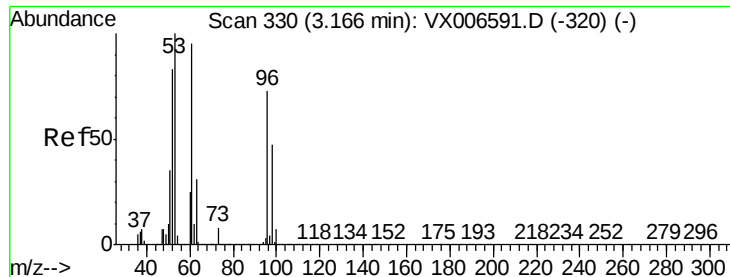


#20

Methylene Chloride
 Concen: 64.833 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

Tgt Ion: 84 Resp: 335072
 Ion Ratio Lower Upper
 84 100
 49 120.1 91.8 137.6
 51 37.5 28.5 42.7
 86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 43.568 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :

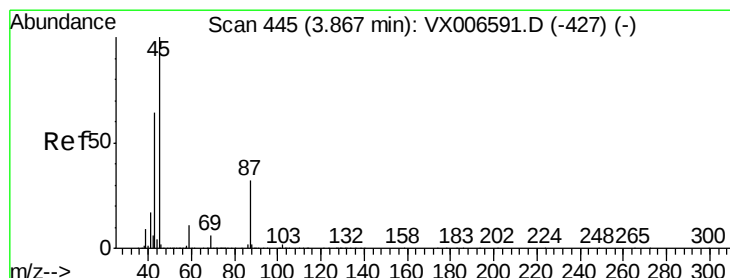
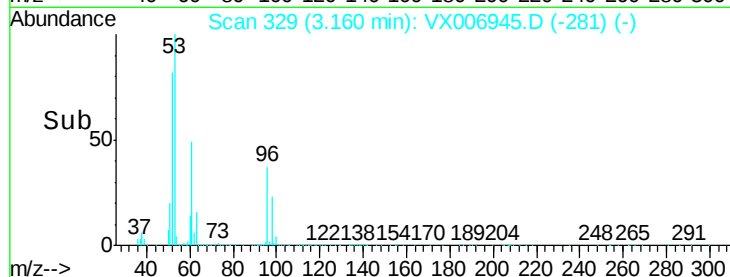
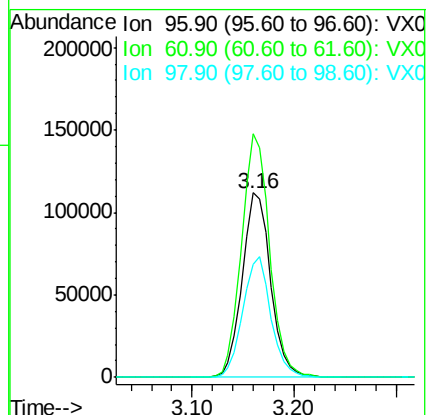
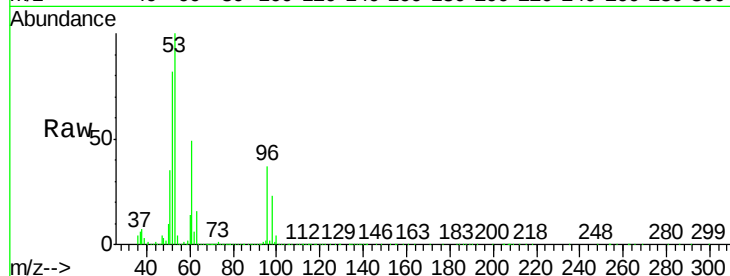
Tot Ion: 96 Resp: 217707

Ion Ratio Lower Upper

96 100

61 131.6 103.7 155.5

98 61.3 51.0 76.6



#22

Diisopropyl ether

Concen: 53.022 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Tgt Ion: 45 Resp: 736352

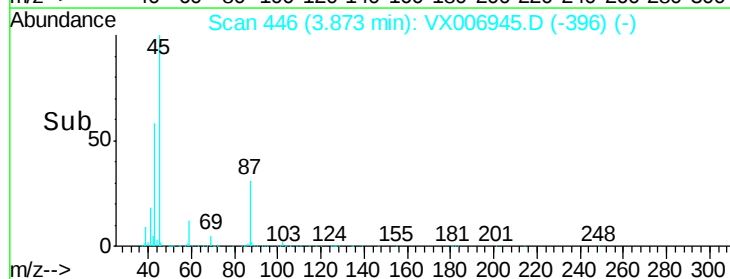
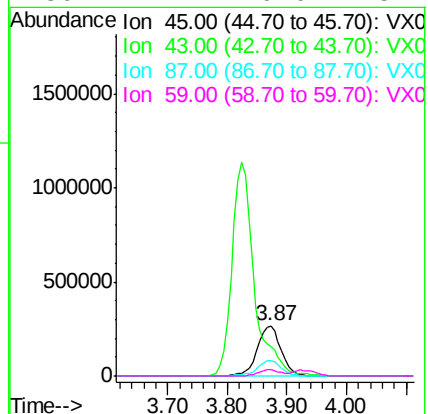
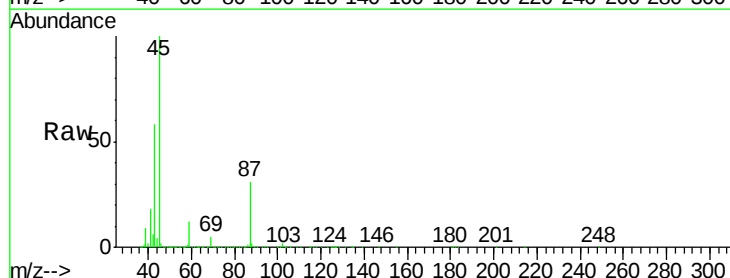
Ion Ratio Lower Upper

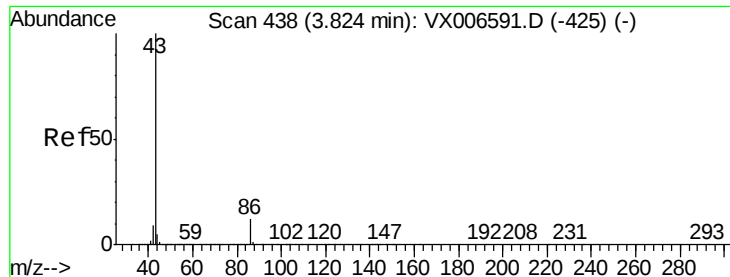
45 100

43 57.7 51.2 76.8

87 30.8 25.8 38.6

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 260.528 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

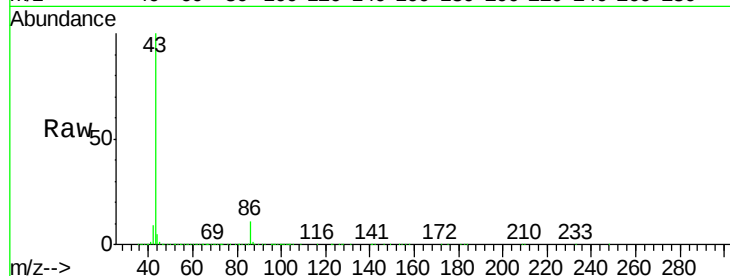
ClientSampleId :

Tot Ion: 43 Resp: 2959510

Ion Ratio Lower Upper

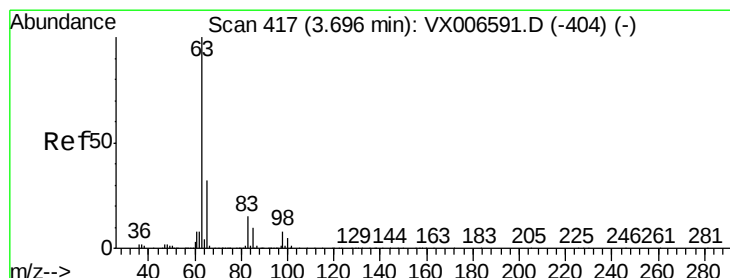
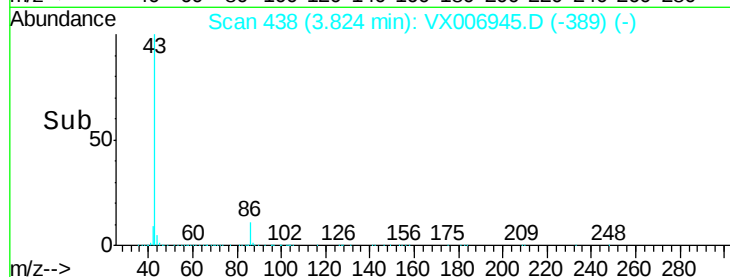
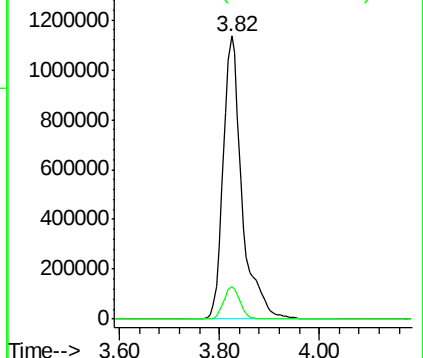
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.375 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

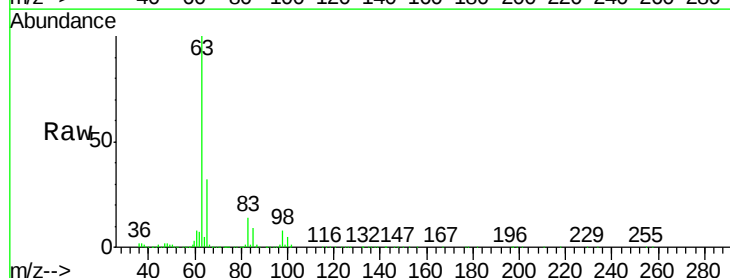
Tgt Ion: 63 Resp: 401045

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

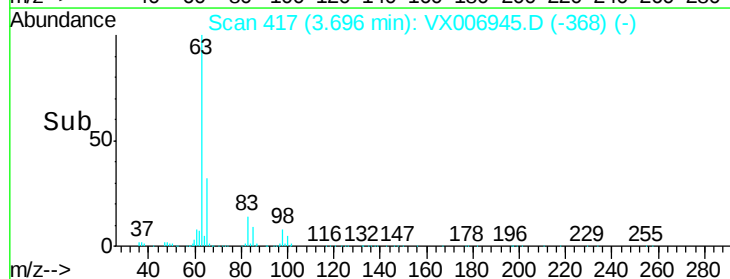
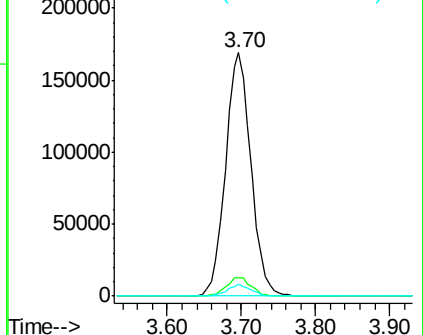
100 5.0 2.4 7.2

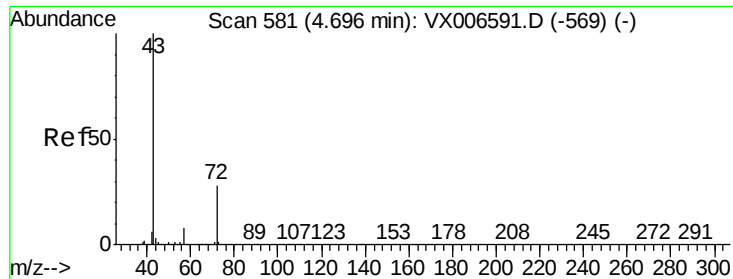


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.645 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

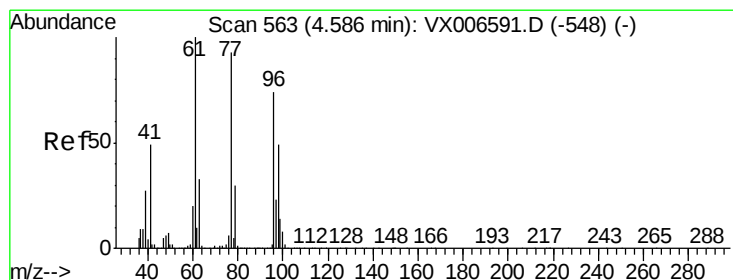
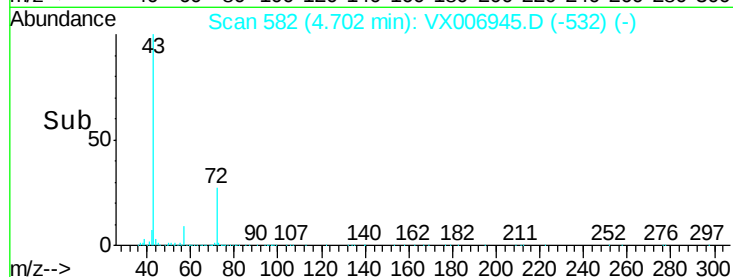
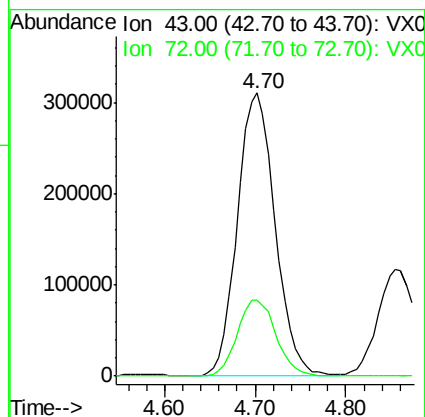
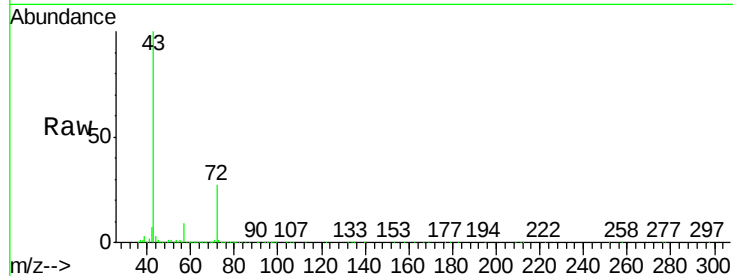
ClientSampleId :

Tot Ion: 43 Resp: 891725

Ion Ratio Lower Upper

43 100

72 26.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 44.297 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006945.D

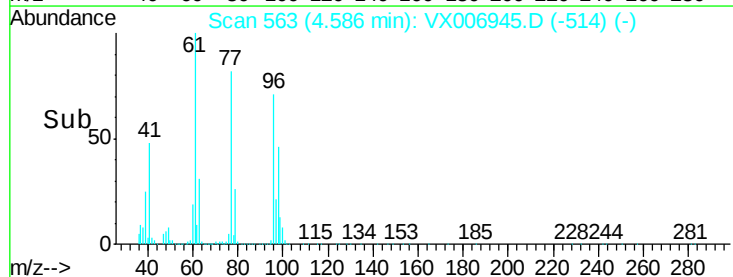
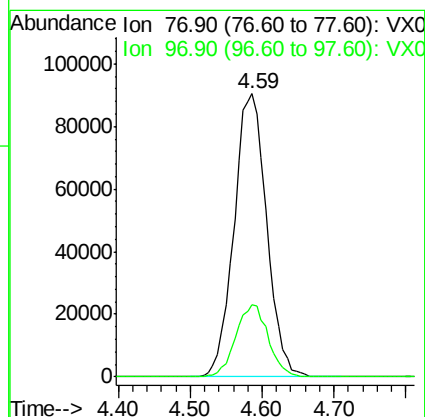
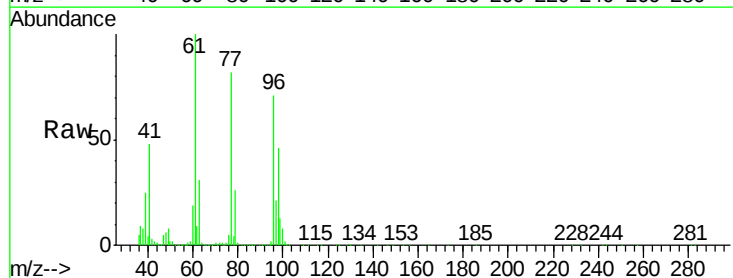
Acq: 07 Jan 2019 19:28

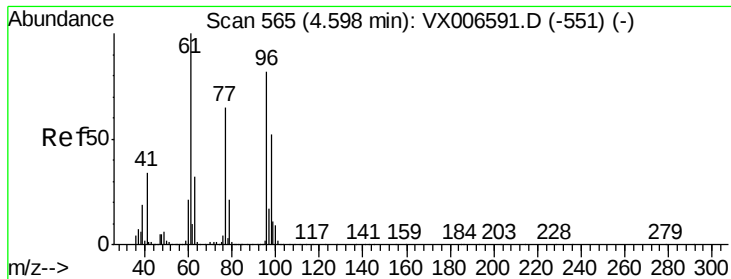
Tgt Ion: 77 Resp: 283678

Ion Ratio Lower Upper

77 100

97 25.1 12.4 37.4



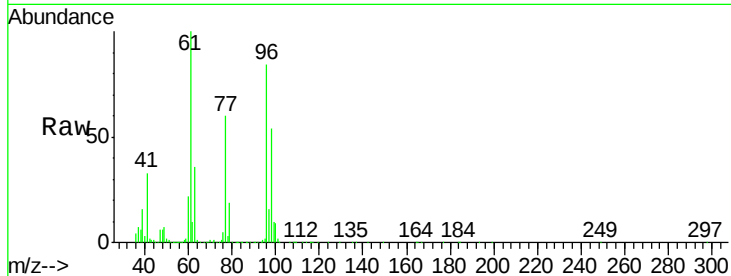


#27

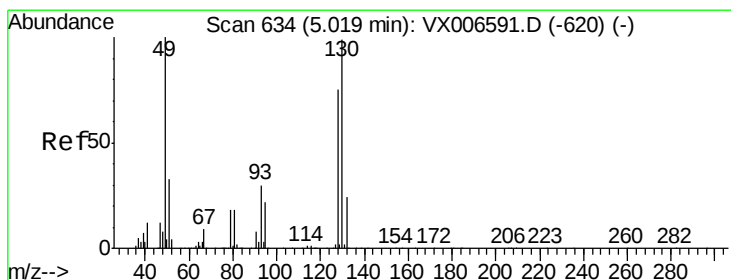
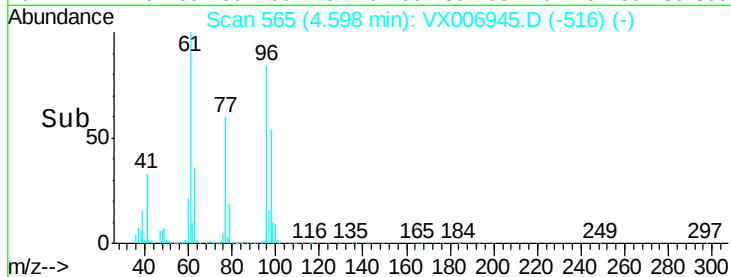
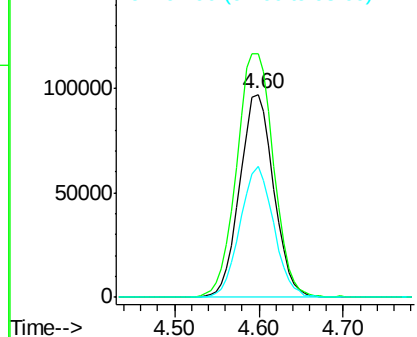
cis-1,2-Dichloroethene
Concen: 48.106 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	258.6
98	64.0	0.0	132.0



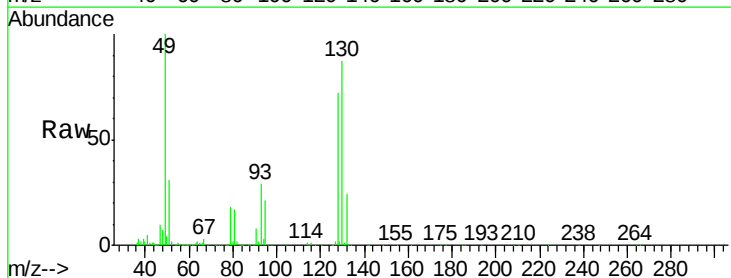
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



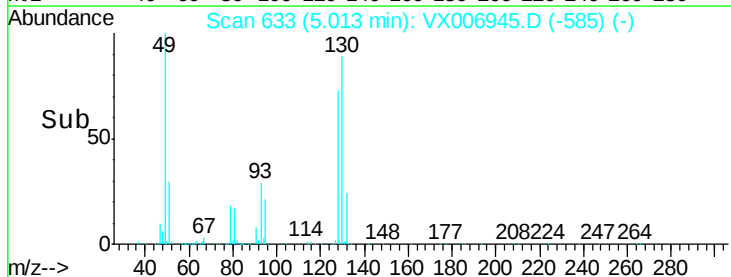
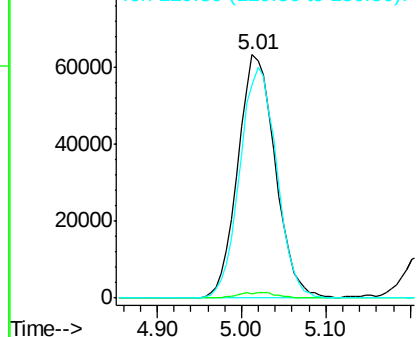
#28

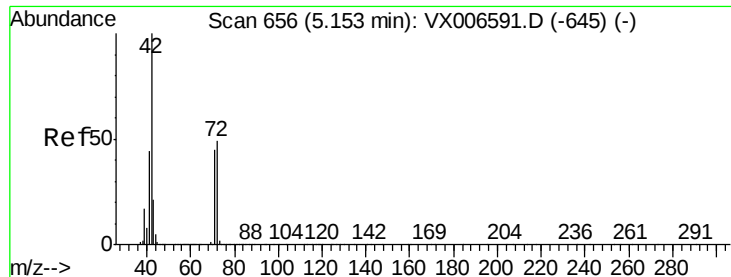
Bromochloromethane
Concen: 54.367 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.0	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: 260.927 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

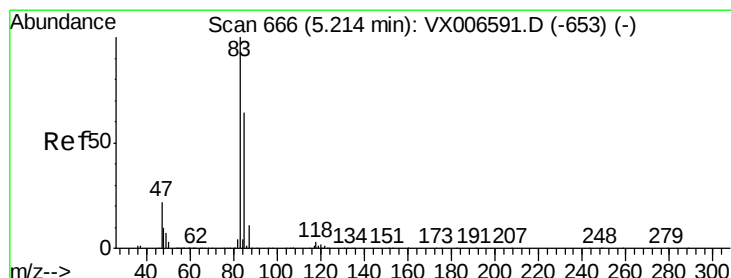
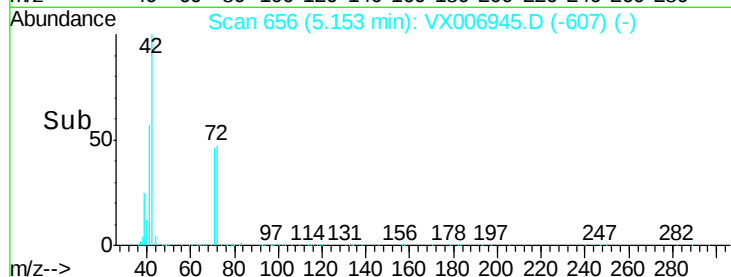
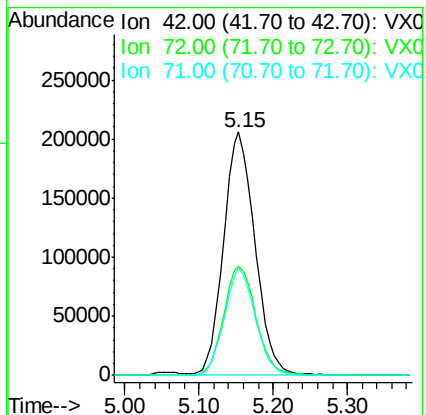
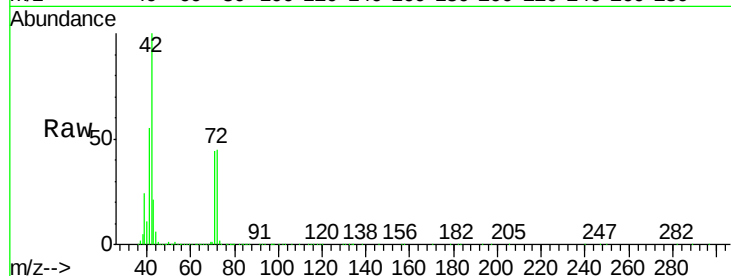
Tot Ion: 42 Resp: 604181

Ion Ratio Lower Upper

42 100

72 46.3 38.9 58.3

71 43.6 36.2 54.4



#30

Chloroform

Concen: 50.221 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006945.D

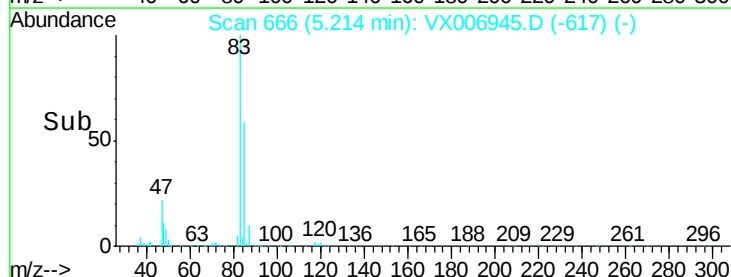
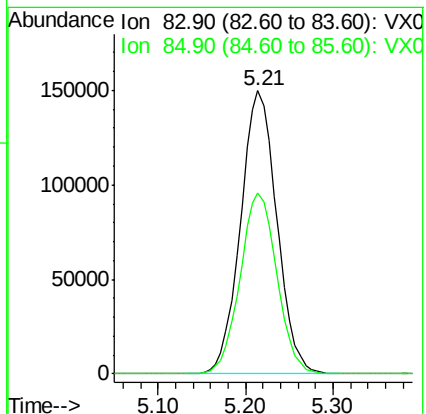
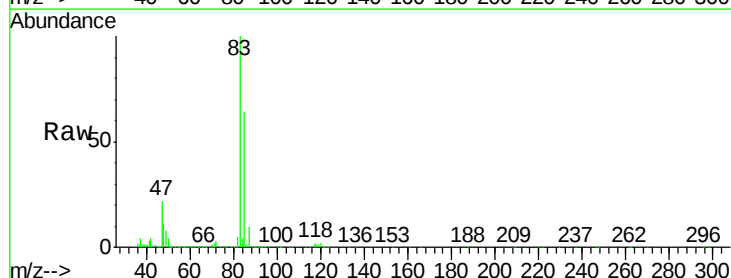
Acq: 07 Jan 2019 19:28

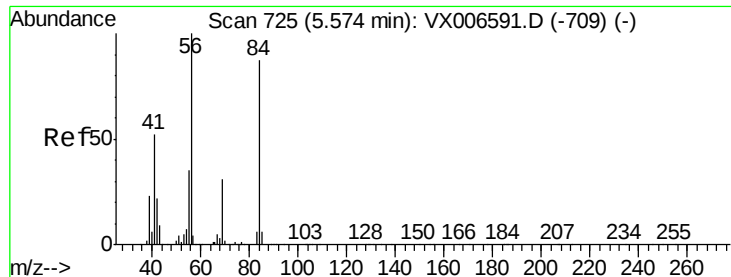
Tgt Ion: 83 Resp: 431148

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8





#31

Cyclohexane

Concen: 41.883 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :

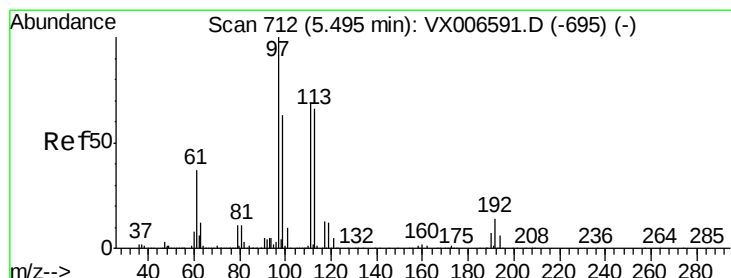
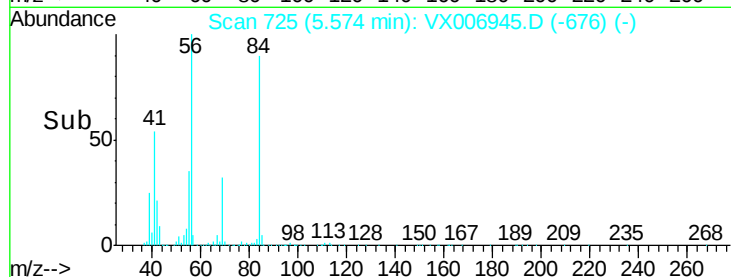
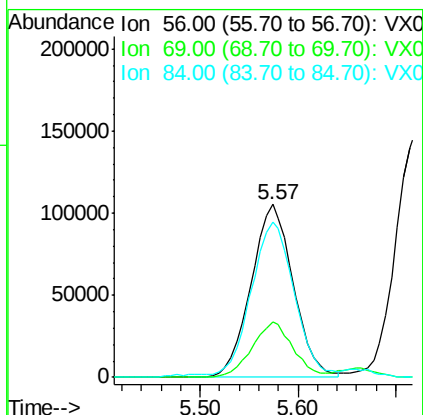
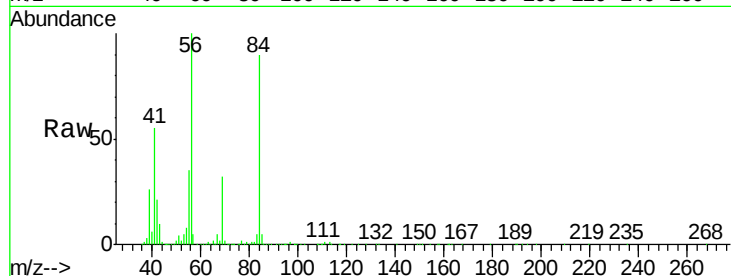
Tot Ion: 56 Resp: 315447

Ion Ratio Lower Upper

56 100

69 31.9 24.4 36.6

84 88.2 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 49.886 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

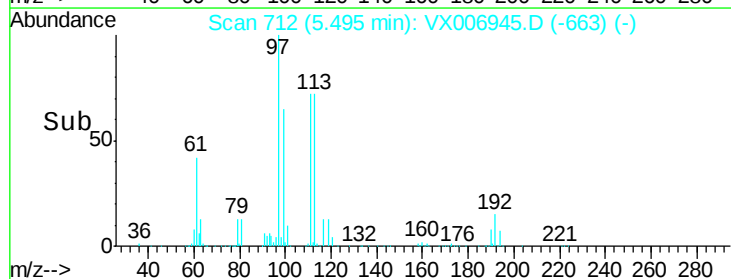
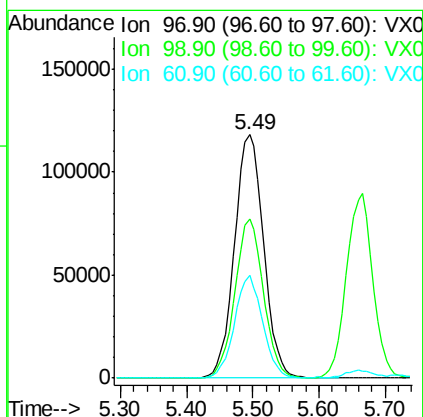
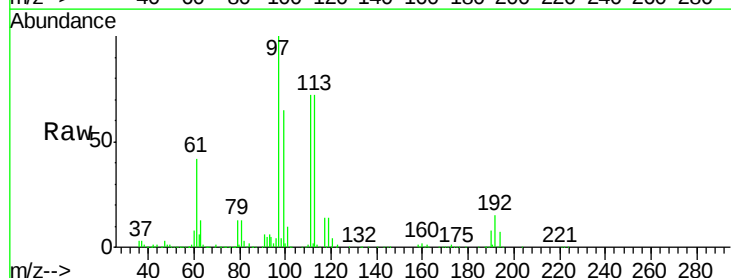
Tgt Ion: 97 Resp: 361630

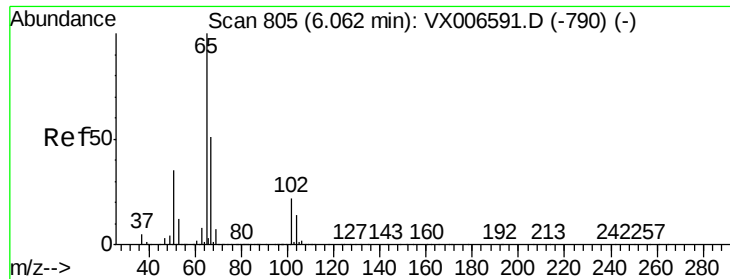
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 40.5 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.901 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

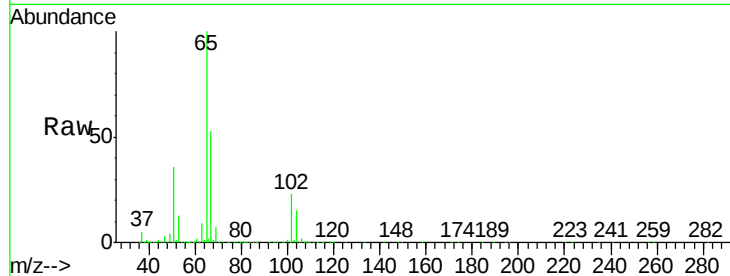
ClientSampleId :

Tot Ion: 65 Resp: 276904

Ion Ratio Lower Upper

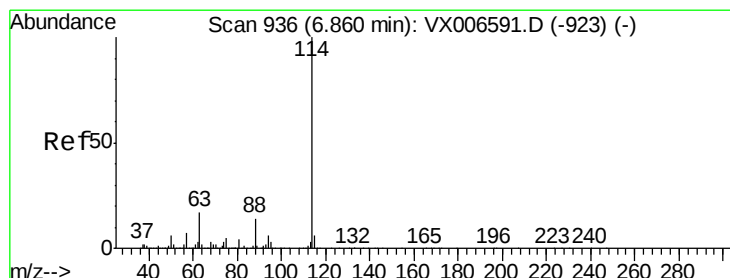
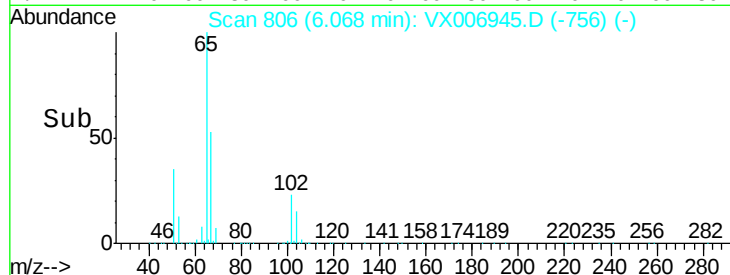
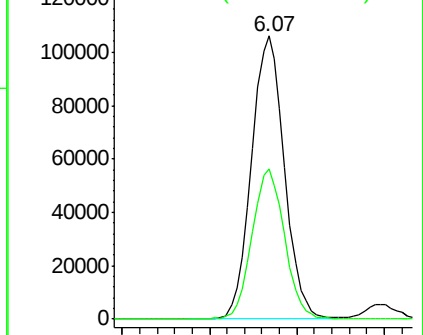
65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

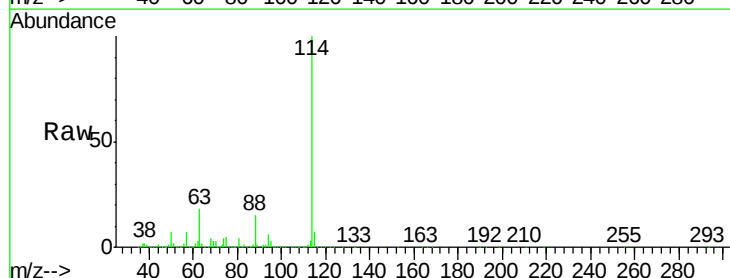
Tgt Ion: 114 Resp: 762086

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

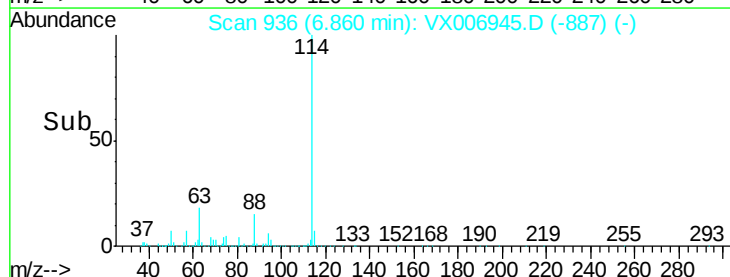
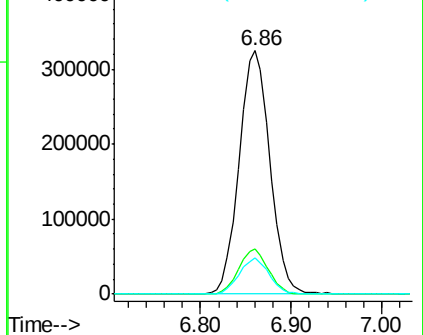
88 14.7 0.0 28.8

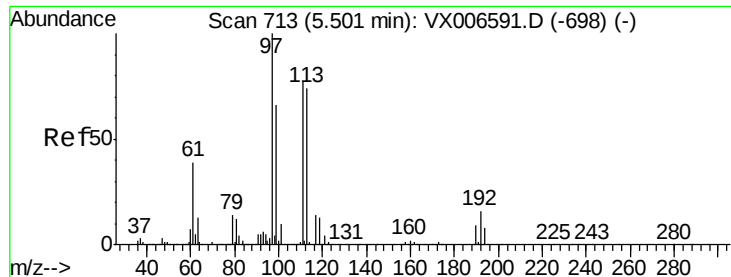


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.676 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :

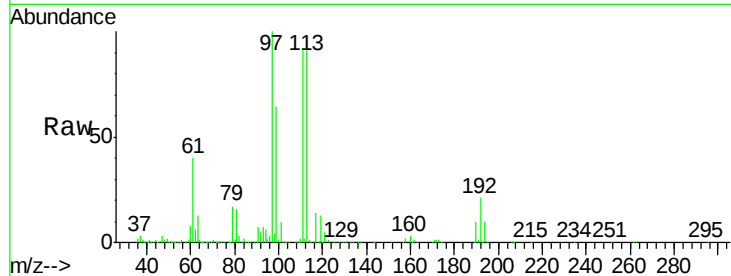
Tot Ion:113 Resp: 253859

Ion Ratio Lower Upper

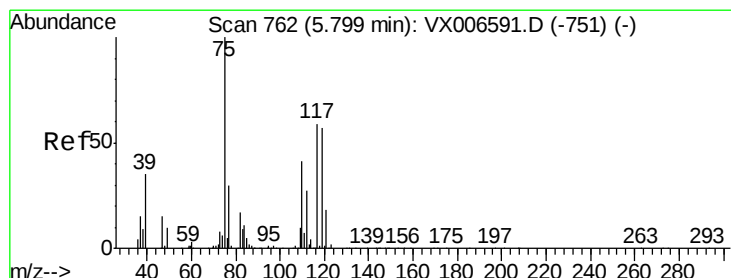
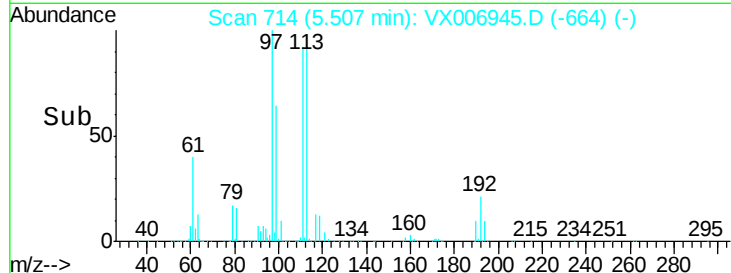
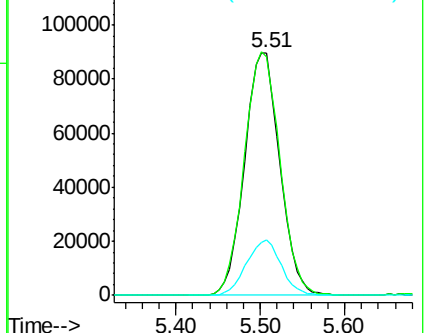
113 100

111 102.0 81.6 122.4

192 22.6 16.7 25.1



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



#36

1,1-Dichloropropene

Concen: 46.167 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

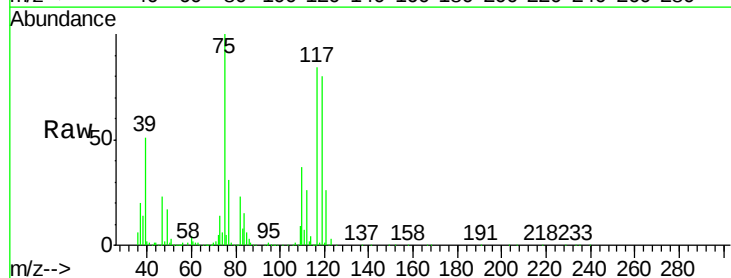
Tgt Ion: 75 Resp: 291400

Ion Ratio Lower Upper

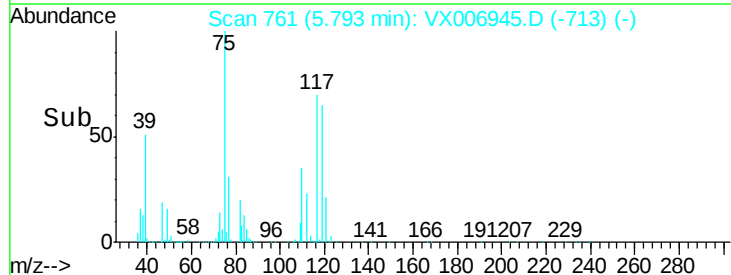
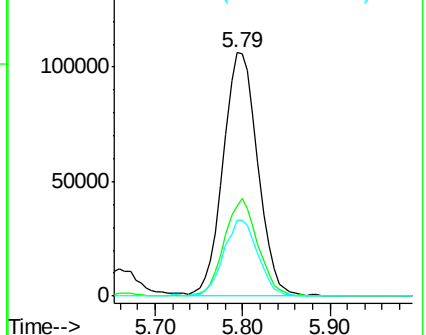
75 100

110 39.0 20.2 60.5

77 30.7 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

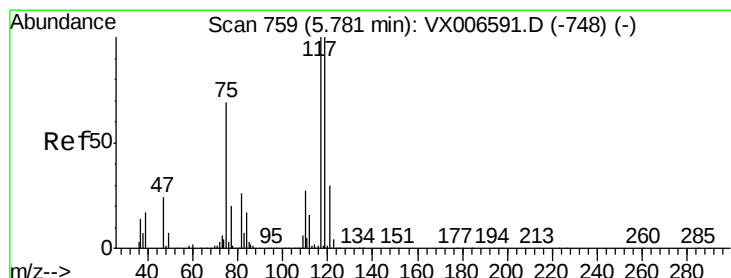
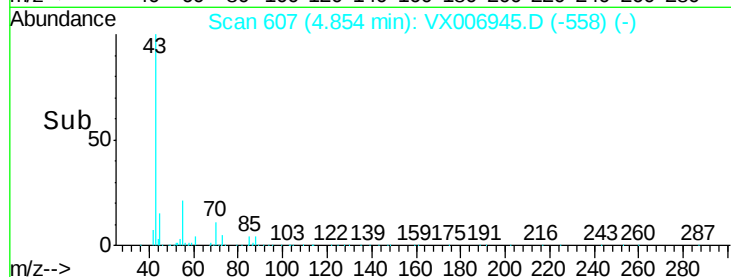
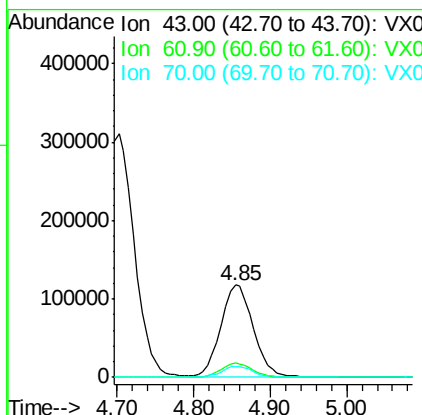
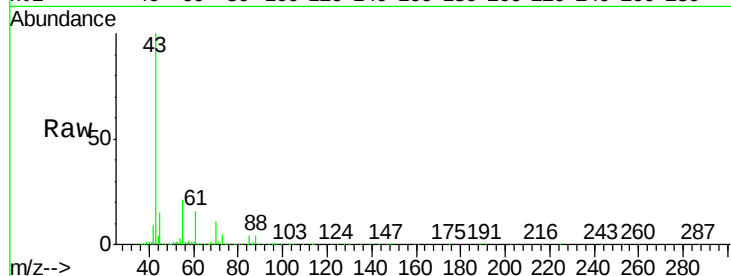




#37
Ethyl Acetate
Concen: 52.679 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

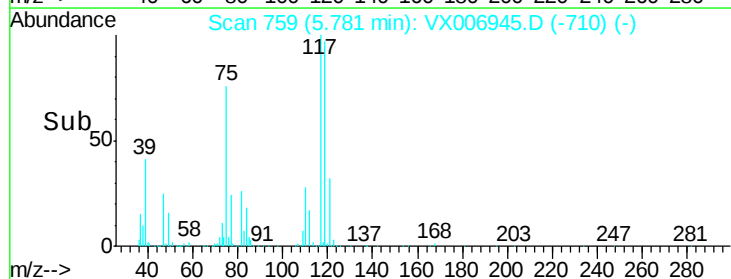
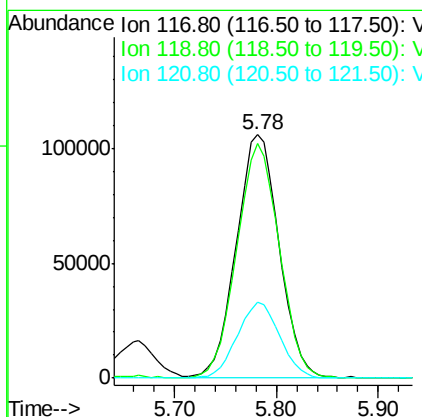
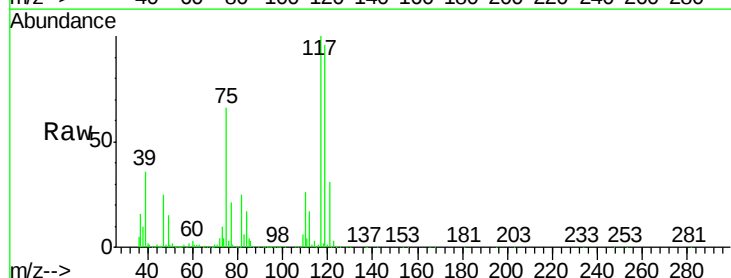
Instrument :
MSVOA_X
ClientSampleId :

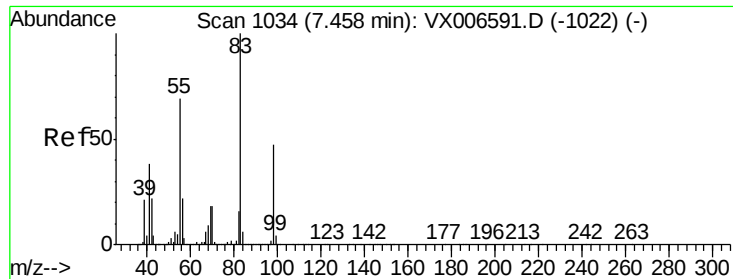
Tot Ion: 43 Resp: 346070
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 50.110 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 117 Resp: 307377
Ion Ratio Lower Upper
117 100
119 96.3 79.4 119.2
121 31.5 24.0 36.0

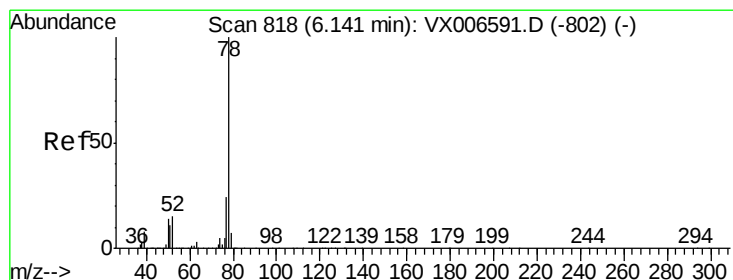
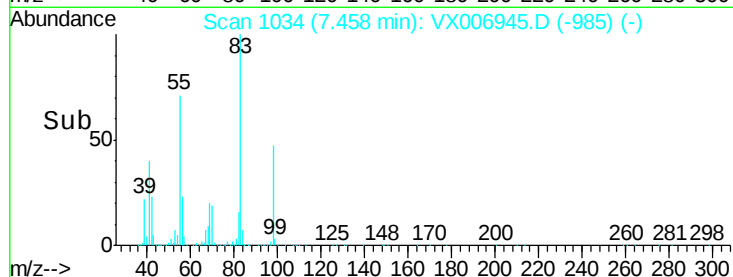
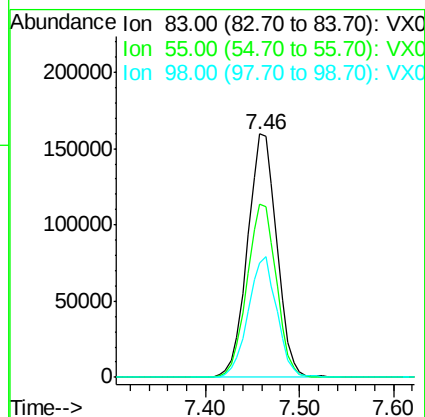
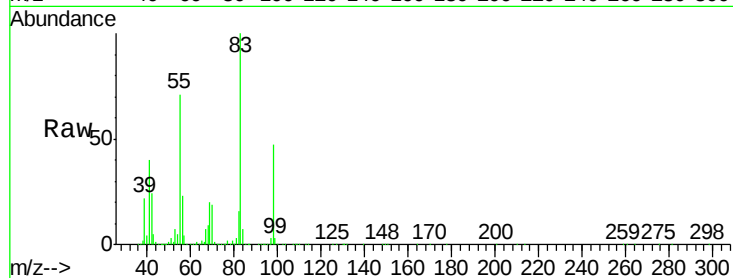




#39
Methvlcvclohexane
Concen: 41.646 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

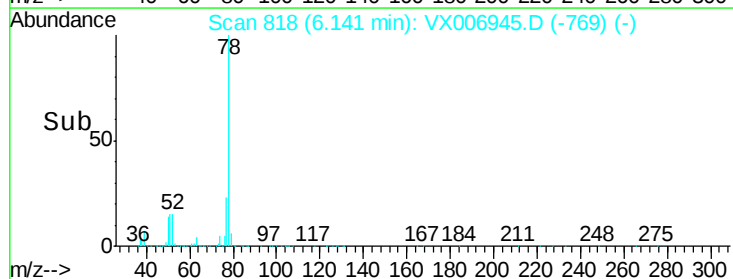
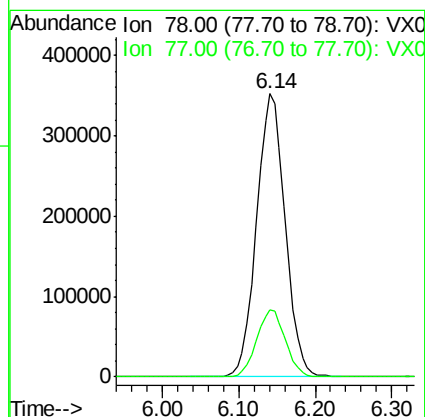
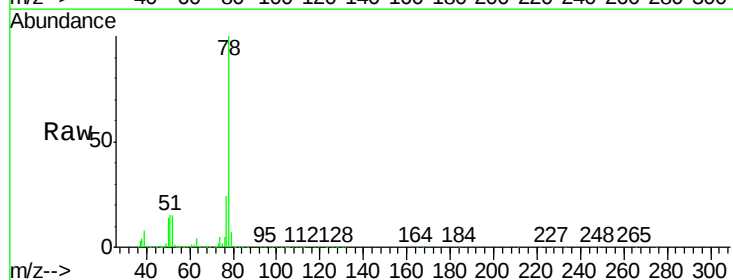
Instrument :
MSVOA_X
ClientSampled :

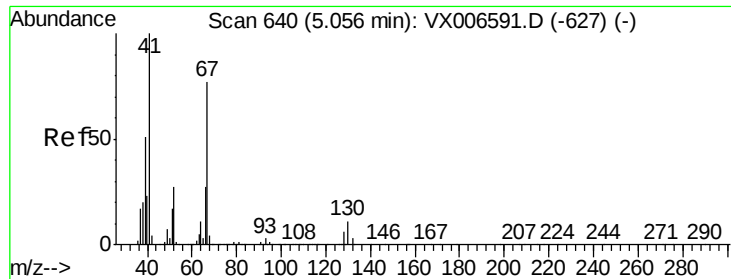
Tot Ion: 83 Resp: 346067
Ion Ratio Lower Upper
83 100
55 71.1 54.9 82.3
98 47.1 37.9 56.9



#40
Benzene
Concen: 47.819 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 78 Resp: 917457
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





#41

Methacrylonitrile

Concen: 56.162 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 195885

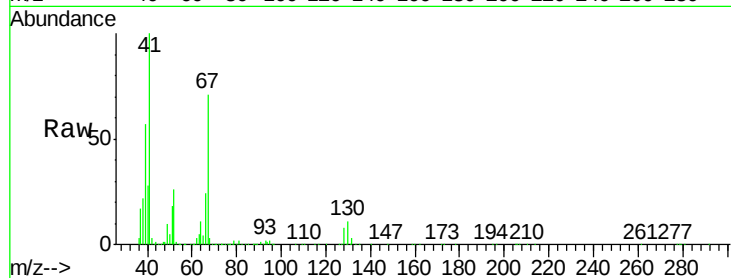
Ion Ratio Lower Upper

41 100

39 54.4 42.8 64.2

67 75.3 62.1 93.1

52 28.9 23.4 35.0

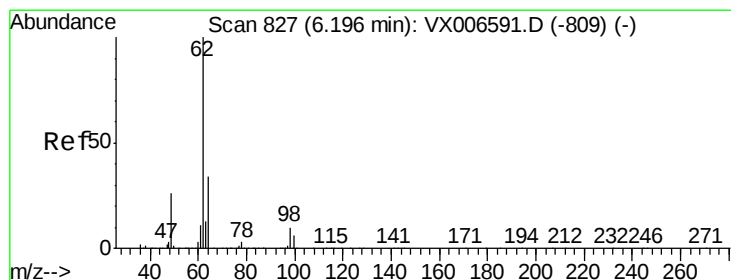
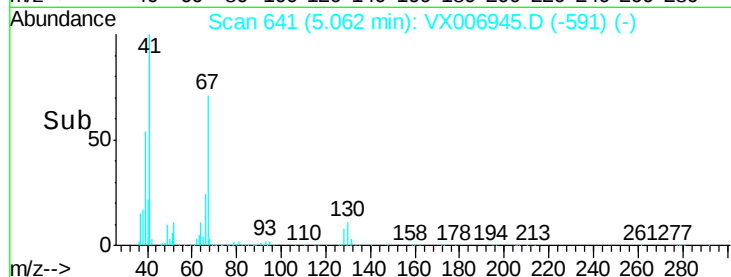
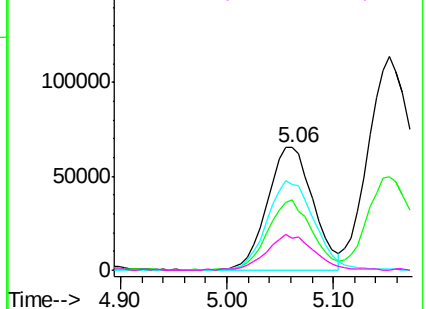


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.510 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006945.D

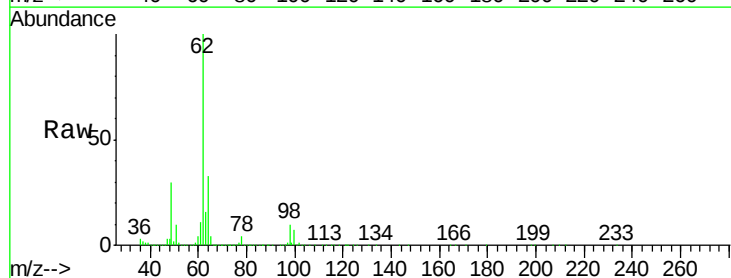
Acq: 07 Jan 2019 19:28

Tgt Ion: 62 Resp: 323678

Ion Ratio Lower Upper

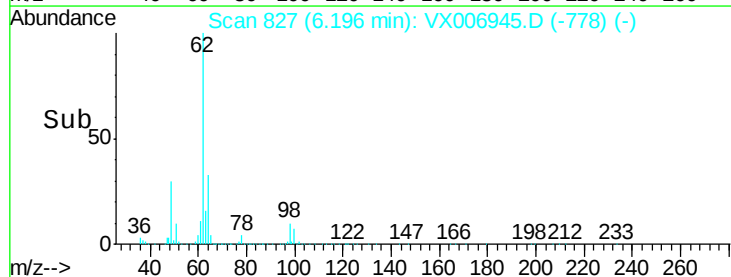
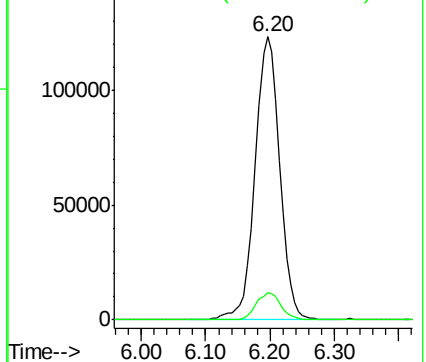
62 100

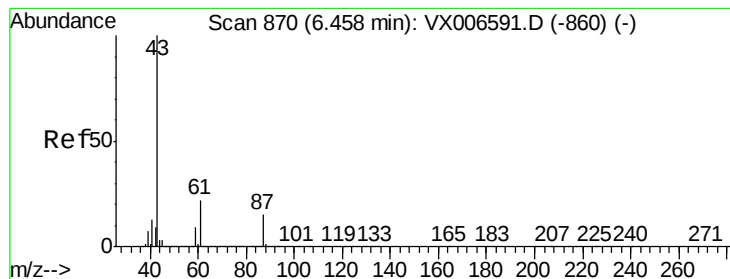
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



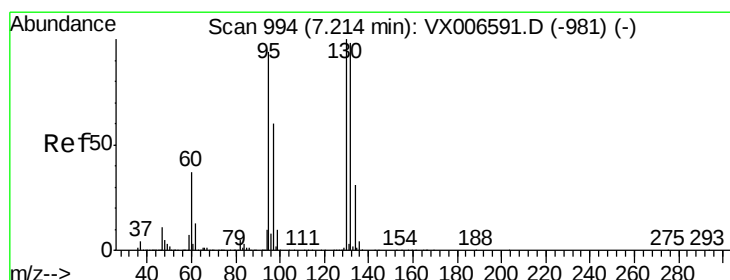
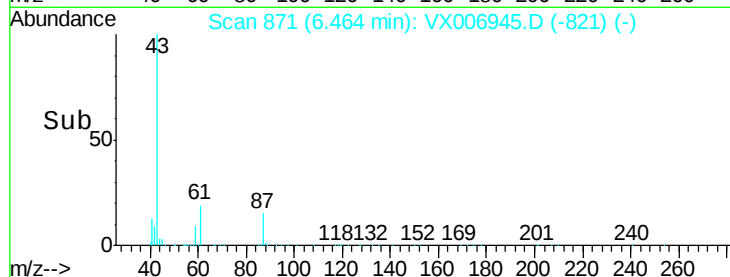
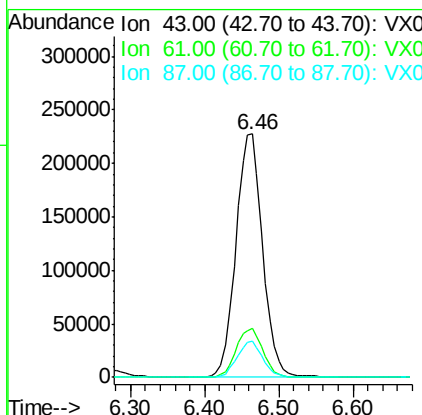
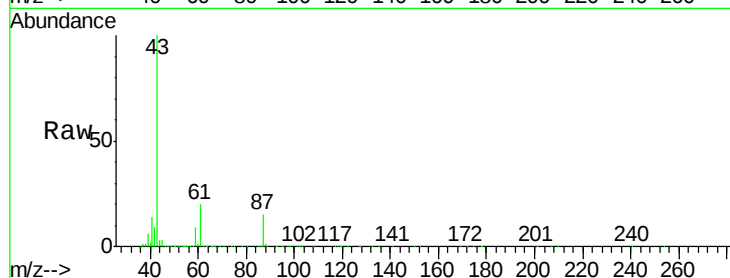


#43

Isopropyl Acetate
 Concen: 57.048 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :

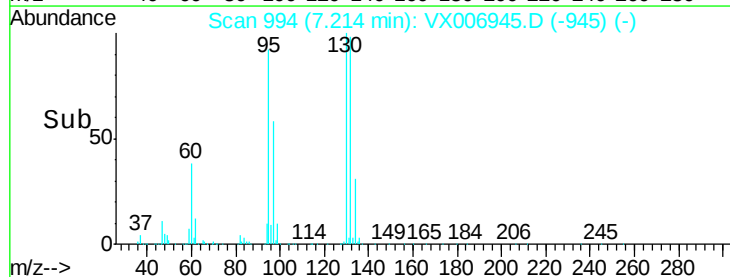
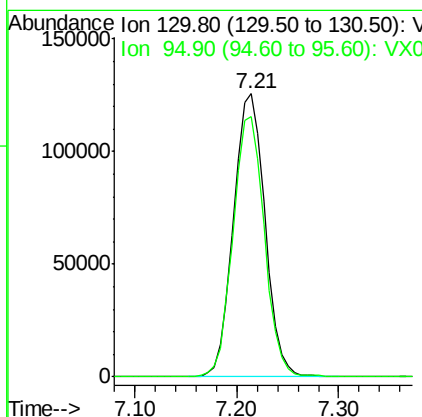
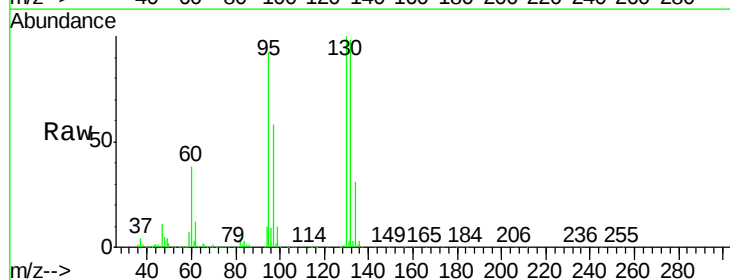
Tot Ion: 43 Resp: 570238
 Ion Ratio Lower Upper
 43 100
 61 20.0 16.8 25.2
 87 14.4 12.4 18.6

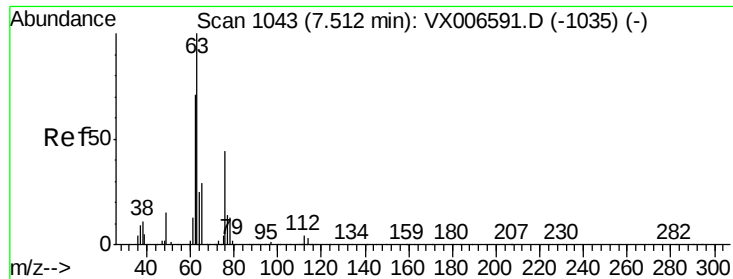


#44

Trichloroethene
 Concen: 46.283 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

Tgt Ion: 130 Resp: 268765
 Ion Ratio Lower Upper
 130 100
 95 91.7 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.637 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

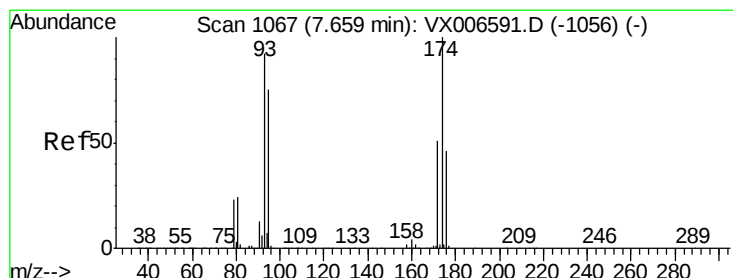
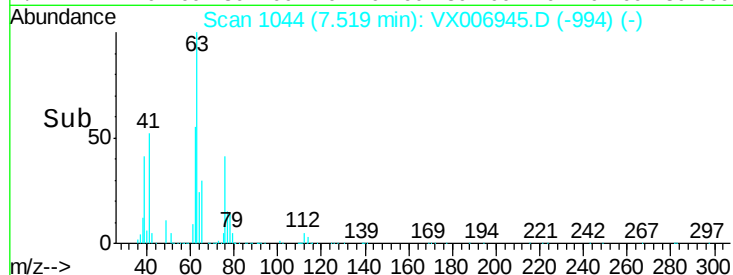
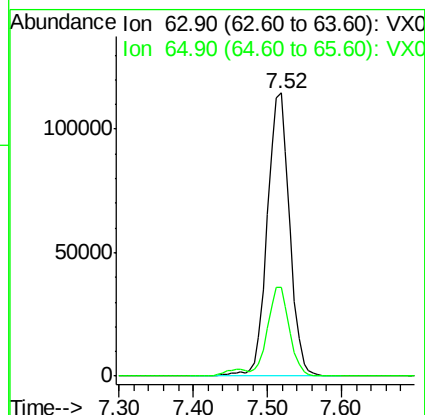
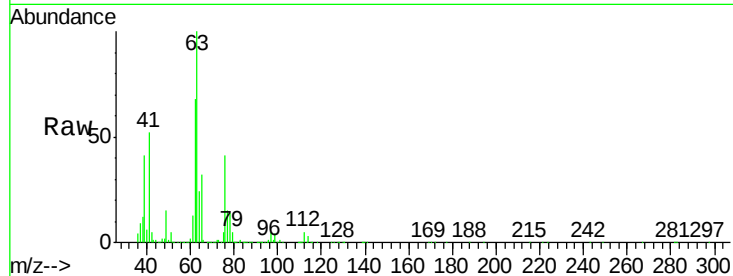
ClientSampled :

Tot Ion: 63 Resp: 241085

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.0



#46

Dibromomethane

Concen: 49.400 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

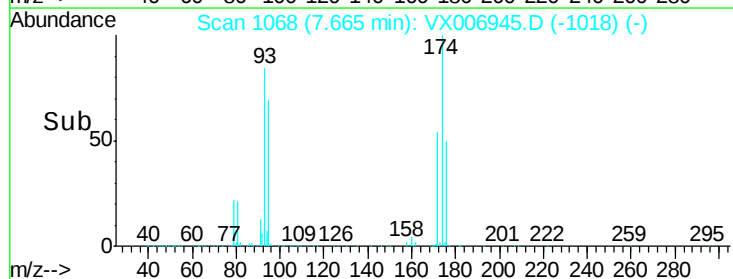
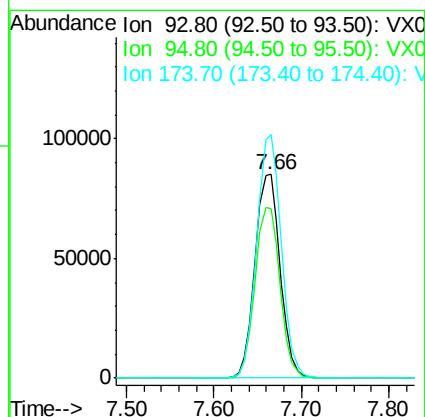
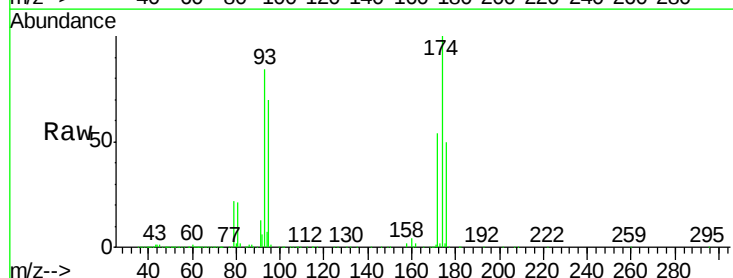
Tgt Ion: 93 Resp: 169650

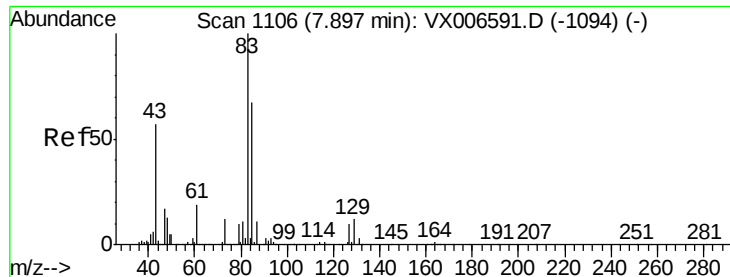
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 116.7 91.0 136.4





#47

Bromodichloromethane

Concen: 52.870 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampled :

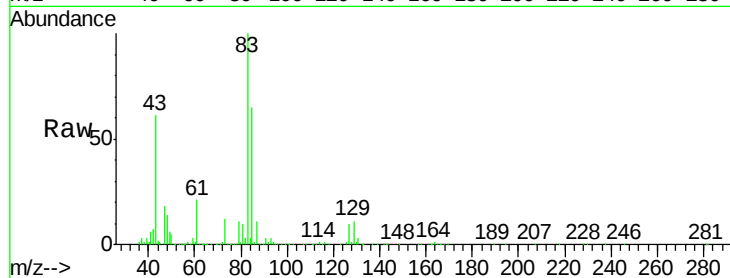
Tot Ion: 83 Resp: 301443

Ion Ratio Lower Upper

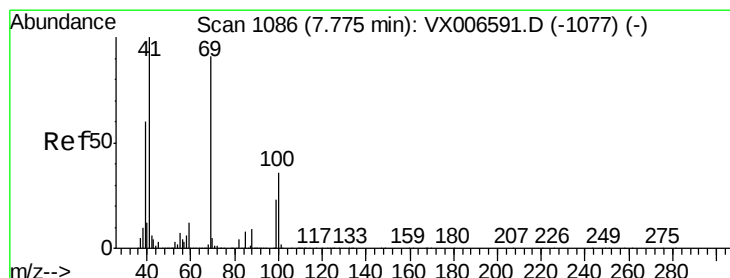
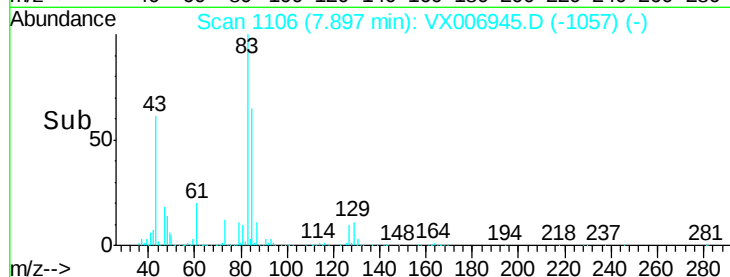
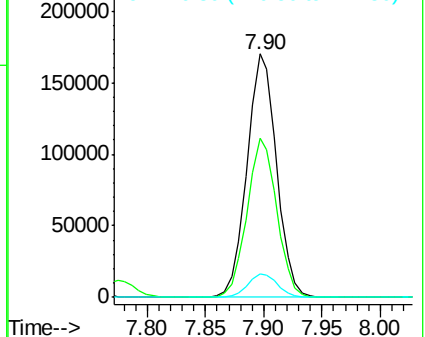
83 100

85 65.4 53.2 79.8

127 9.9 7.8 11.6



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



#48

Methyl methacrylate

Concen: 56.735 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

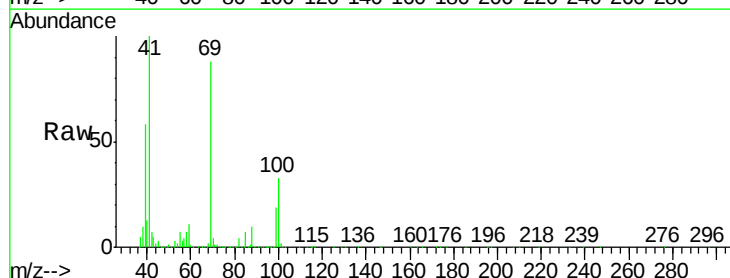
Tgt Ion: 41 Resp: 288392

Ion Ratio Lower Upper

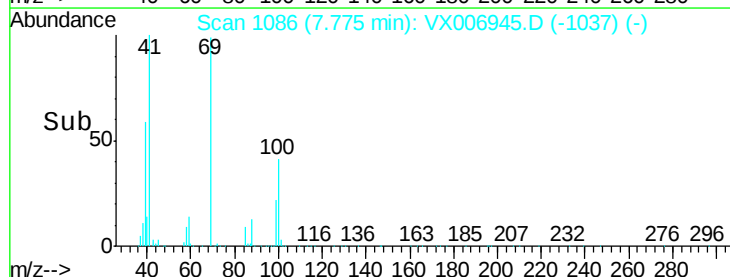
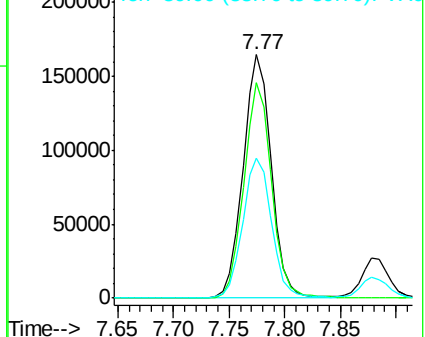
41 100

69 87.4 72.4 108.6

39 59.1 45.8 68.8



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

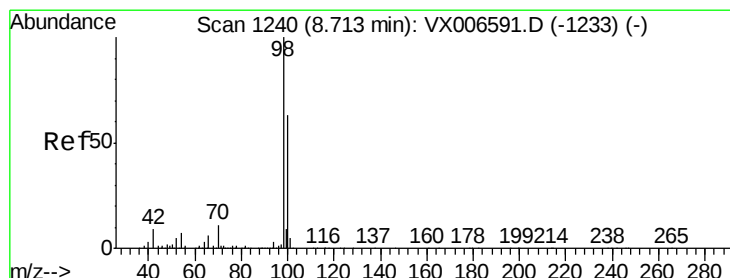
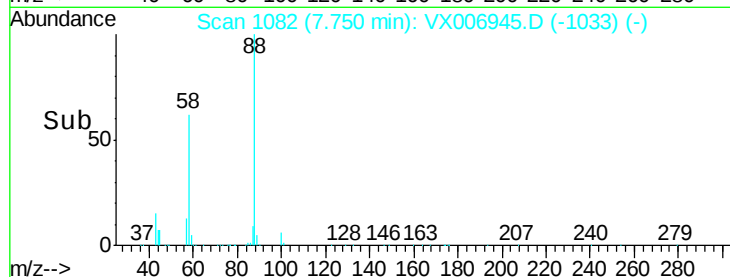
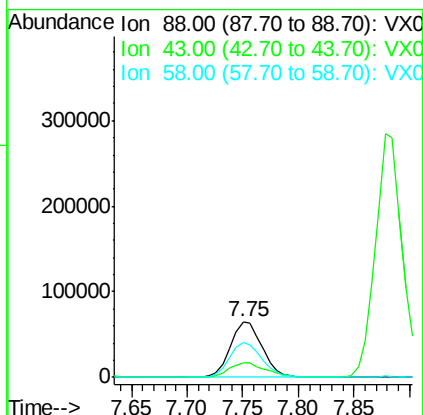
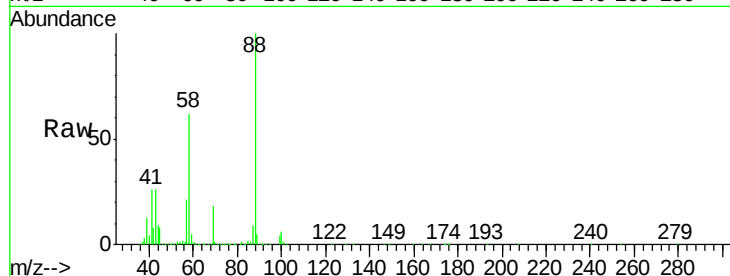




#49
1,4-Dioxane
Concen: 966.942 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

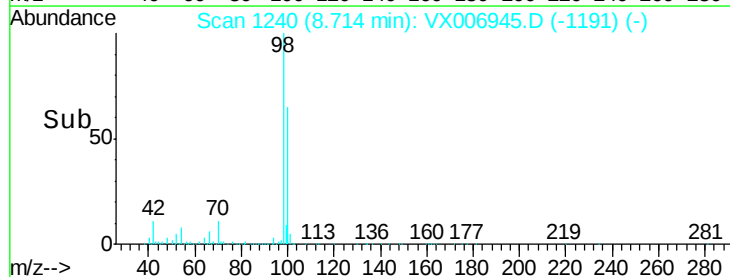
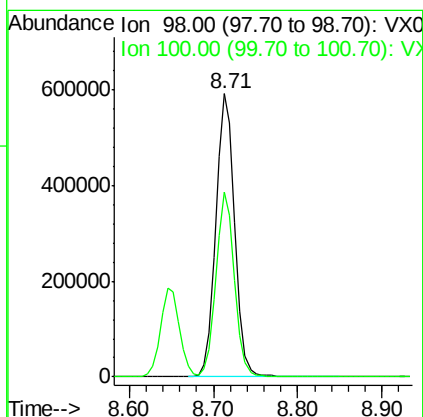
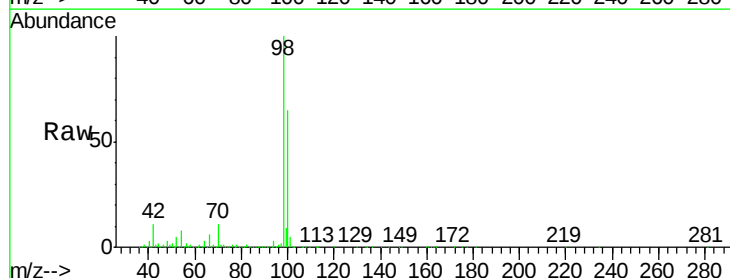
Instrument :
MSVOA_X
ClientSampleId :

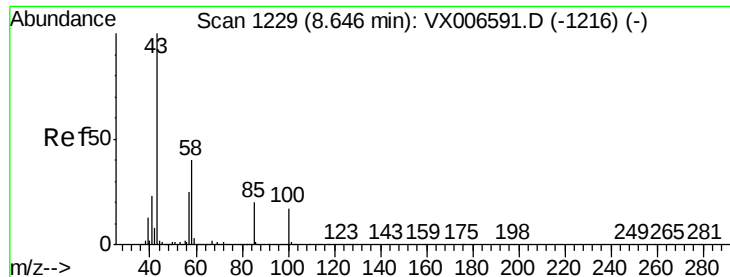
Tot Ion	88	Resp	128688
Ion	Ratio	Lower	Upper
88	100		
43	29.4	22.2	33.4
58	64.5	51.0	76.4



#50
Toluene-d8
Concen: 50.263 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion	98	Resp	913225
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 278.960 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

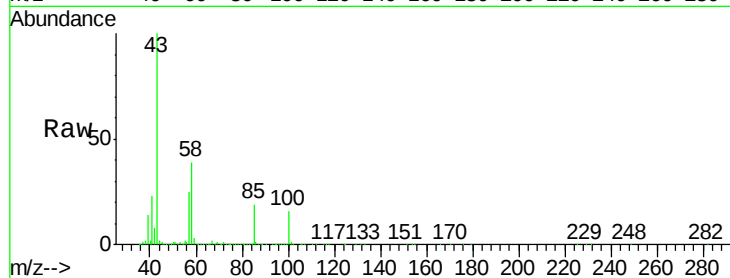
ClientSampled :

Tot Ion: 43 Resp: 1774180

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1200000

1000000

800000

600000

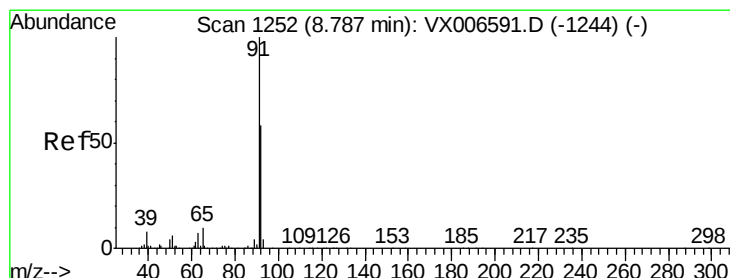
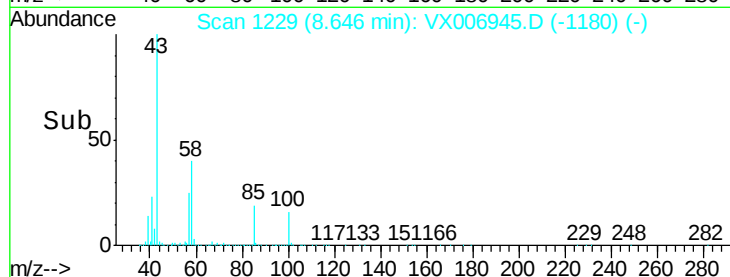
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 48.257 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006945.D

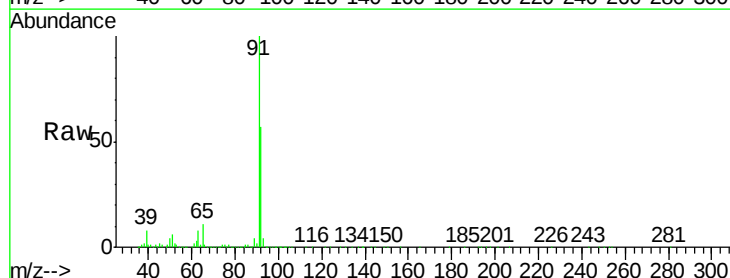
Acq: 07 Jan 2019 19:28

Tgt Ion: 92 Resp: 598135

Ion Ratio Lower Upper

92 100

91 176.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

800000

600000

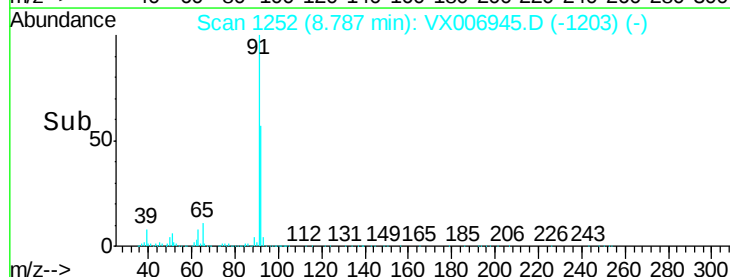
400000

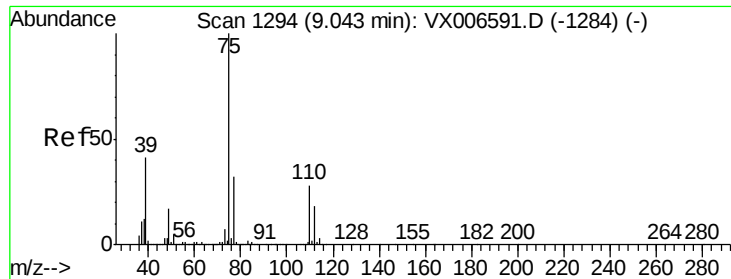
200000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.136 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

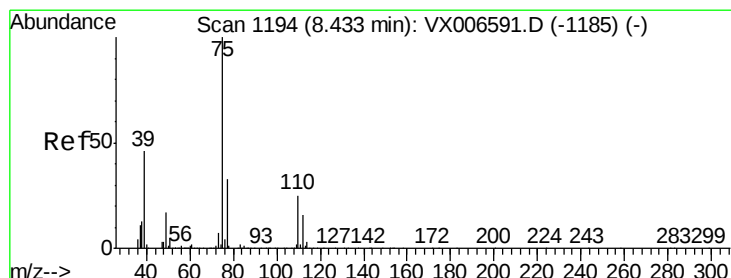
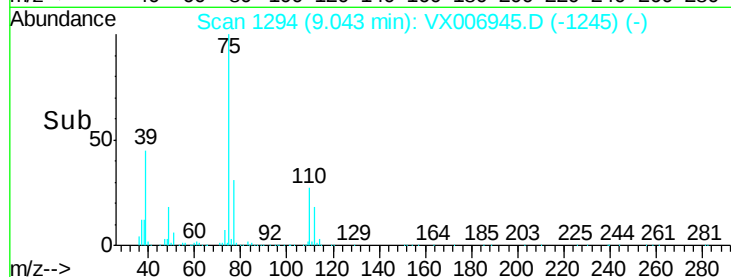
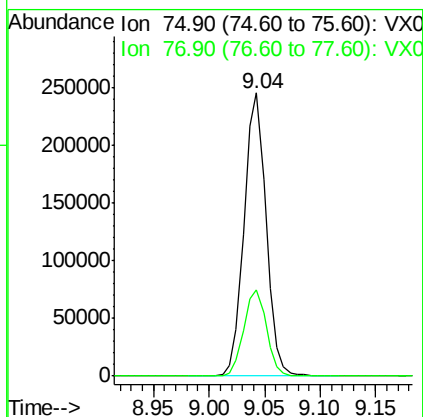
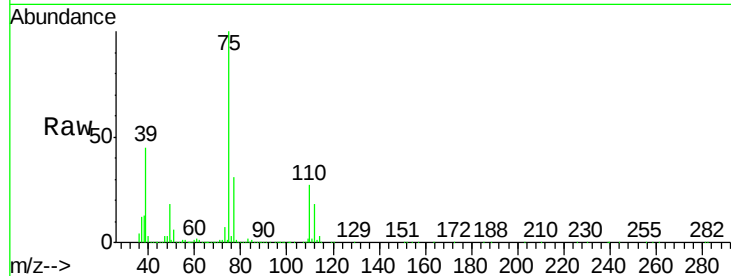
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 337151

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.604 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

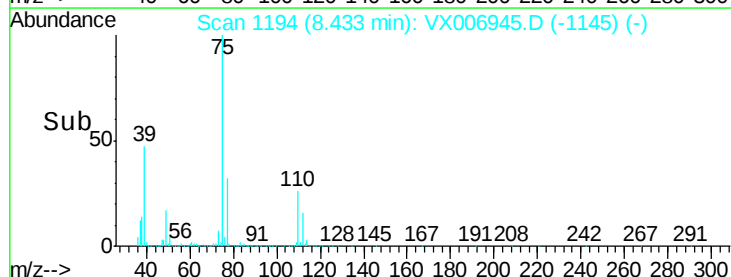
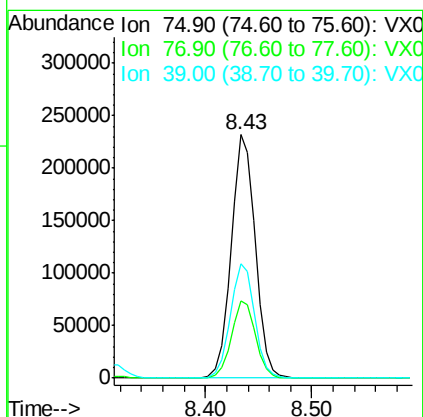
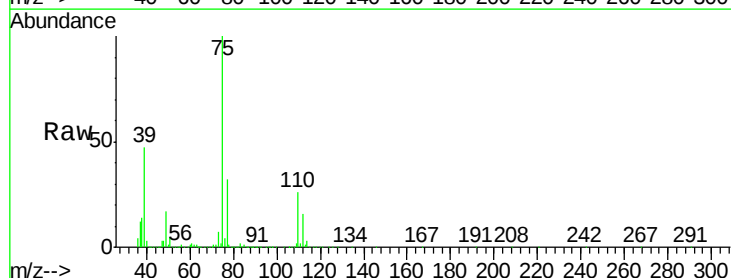
Tgt Ion: 75 Resp: 366365

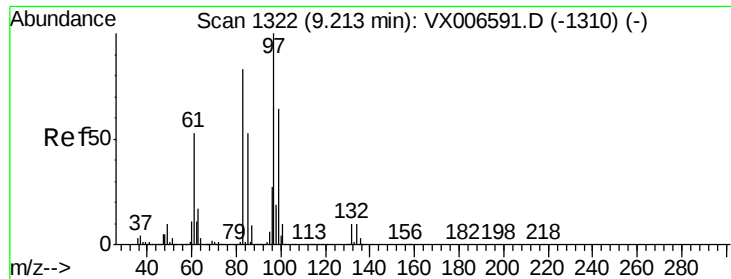
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 46.7 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 52.866 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 268214

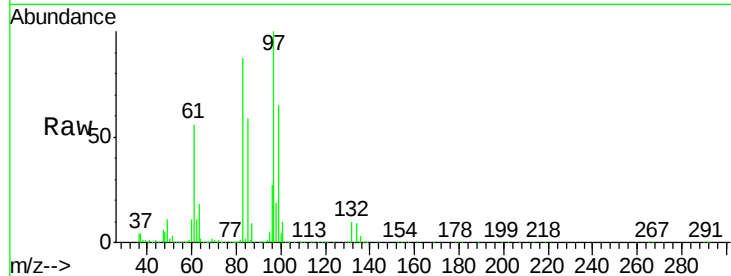
Ion Ratio Lower Upper

97 100

83 87.1 66.6 99.8

85 58.5 42.7 64.1

99 65.5 50.8 76.2

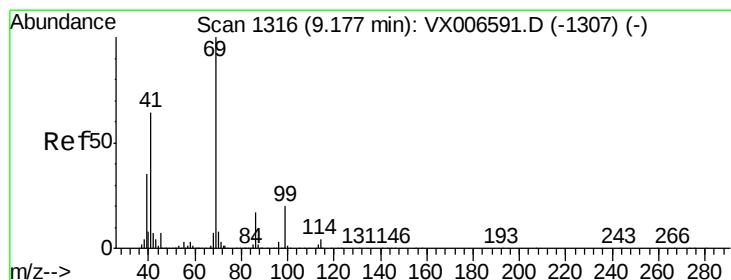
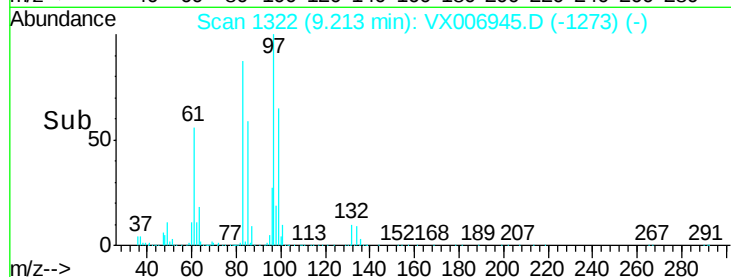
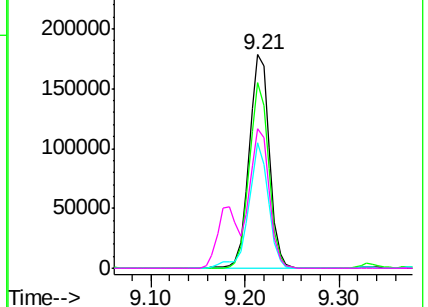


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.124 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

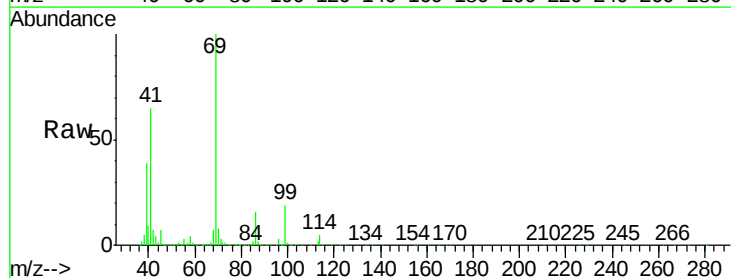
Tgt Ion: 69 Resp: 388107

Ion Ratio Lower Upper

69 100

41 64.6 48.7 73.1

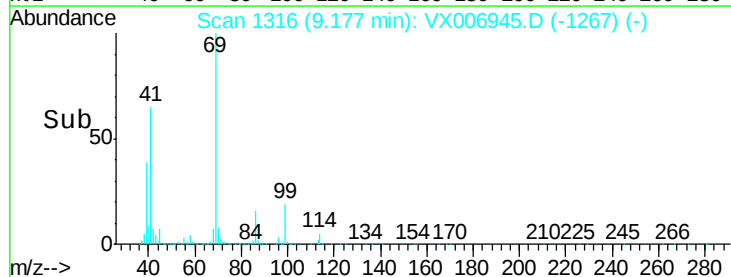
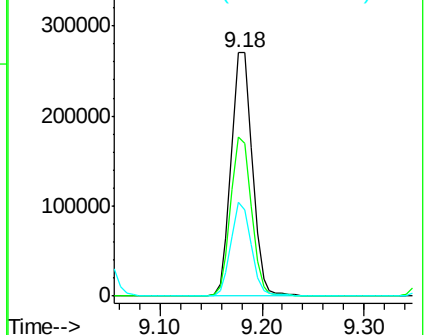
39 36.7 27.0 40.6

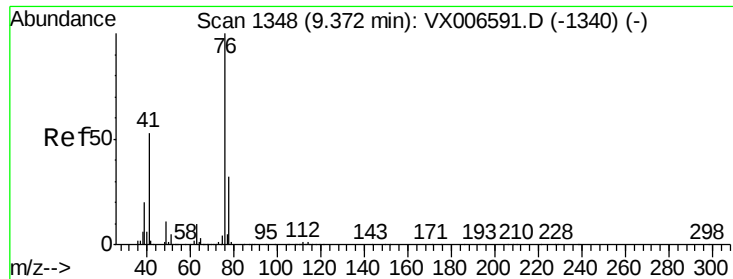


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.335 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

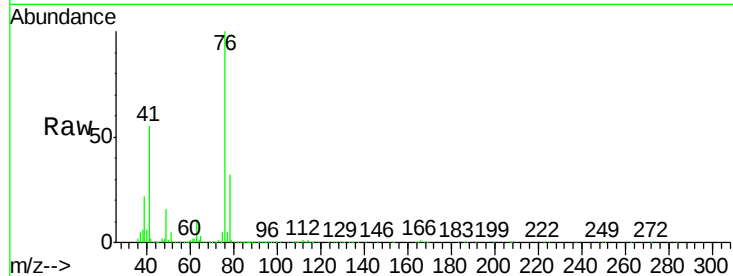
ClientSampleId :

Tot Ion: 76 Resp: 419031

Ion Ratio Lower Upper

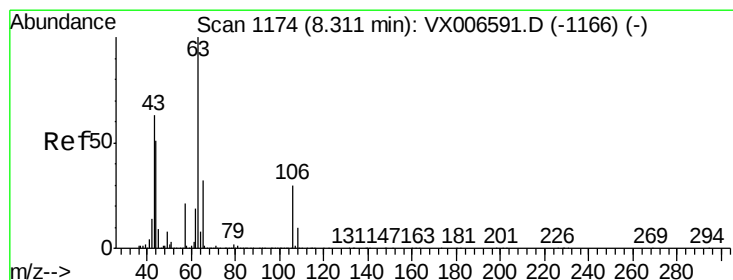
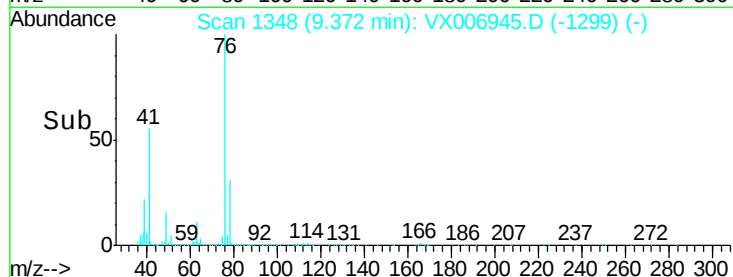
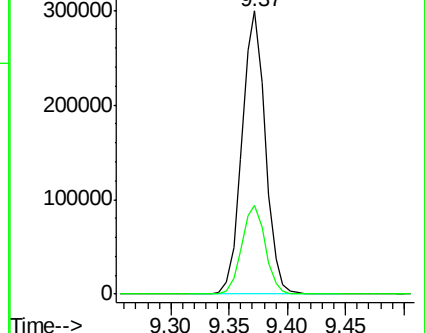
76 100

78 32.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 269.623 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006945.D

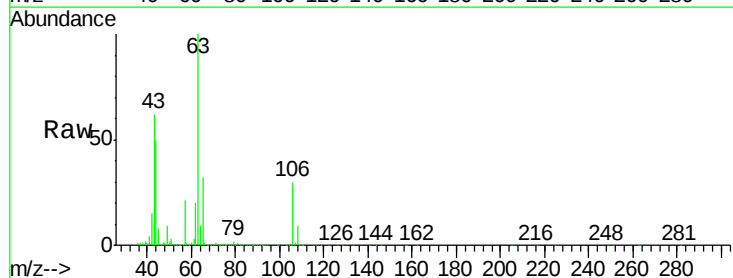
Acq: 07 Jan 2019 19:28

Tgt Ion: 63 Resp: 1027718

Ion Ratio Lower Upper

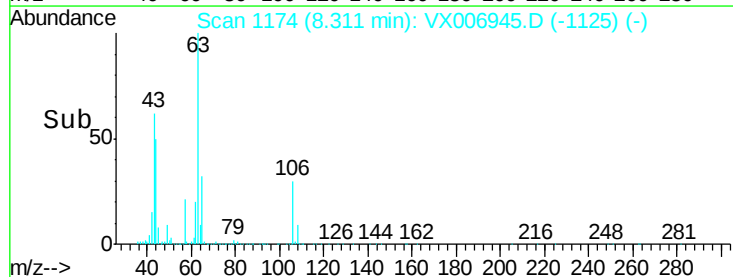
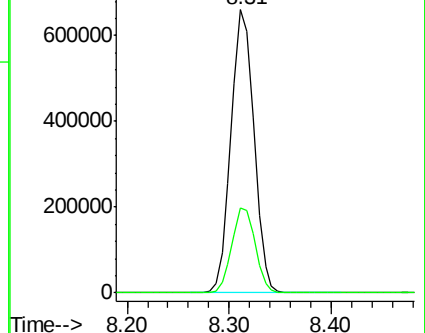
63 100

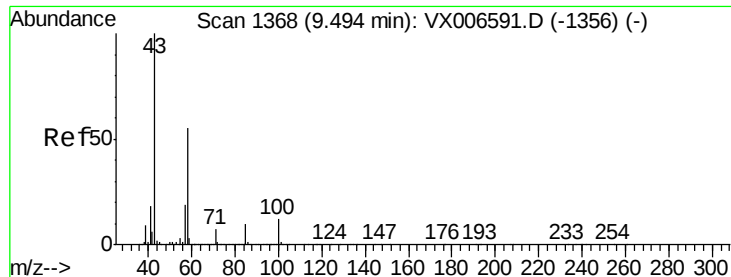
106 30.5 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

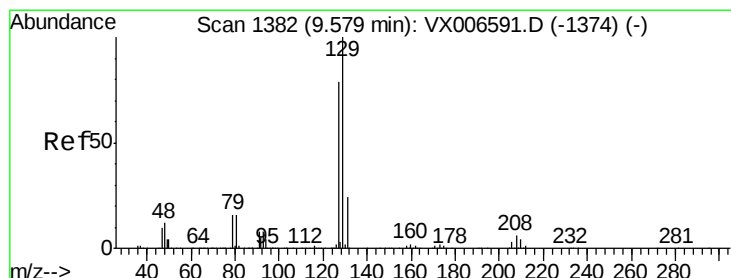
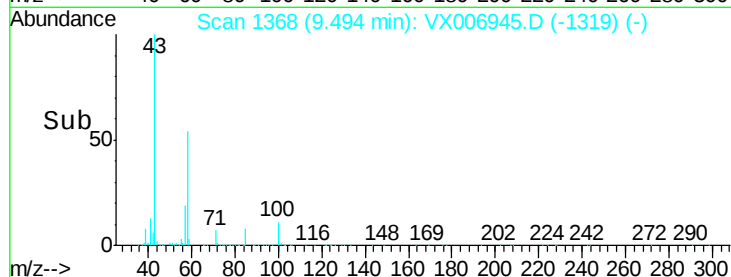
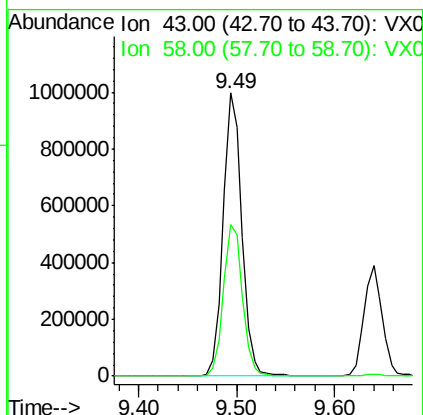
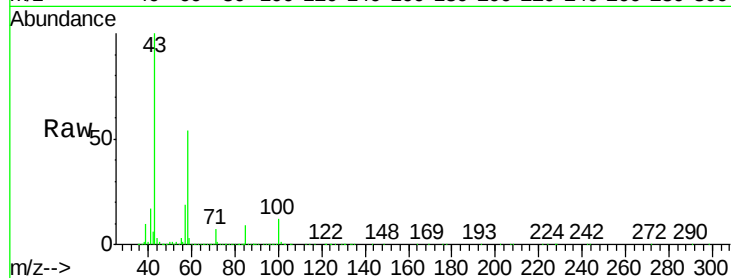




#59
2-Hexanone
Concen: 272.064 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

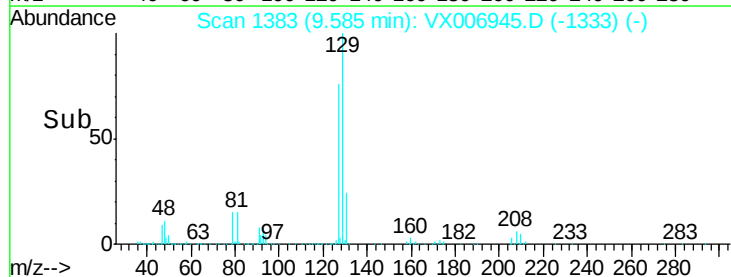
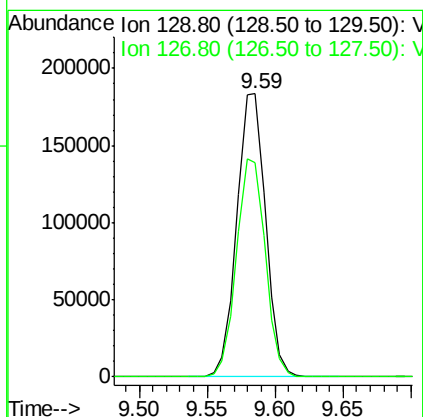
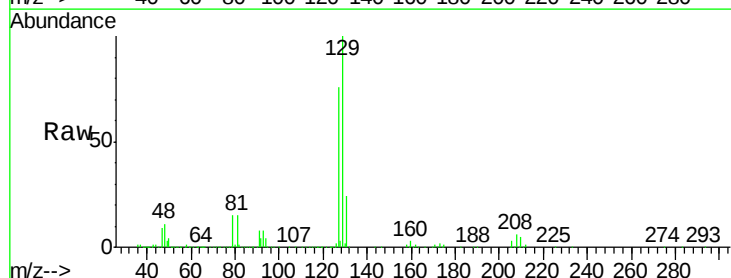
Instrument :
MSVOA_X
ClientSampleId :

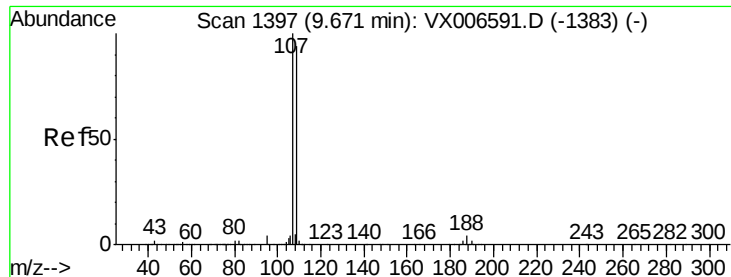
Tot Ion: 43 Resp: 1323902
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 51.037 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 129 Resp: 271082
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 53.203 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

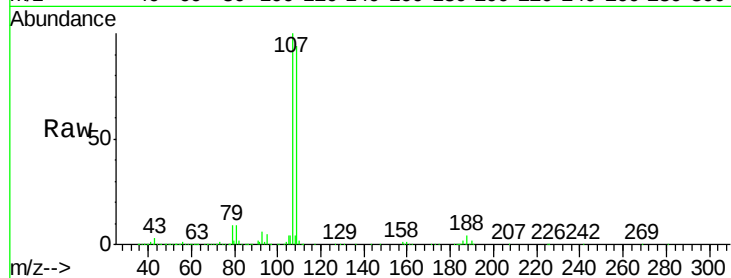
ClientSampleId :

Tot Ion:107 Resp: 286936

Ion Ratio Lower Upper

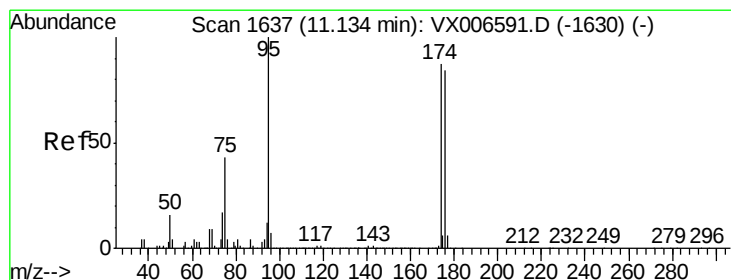
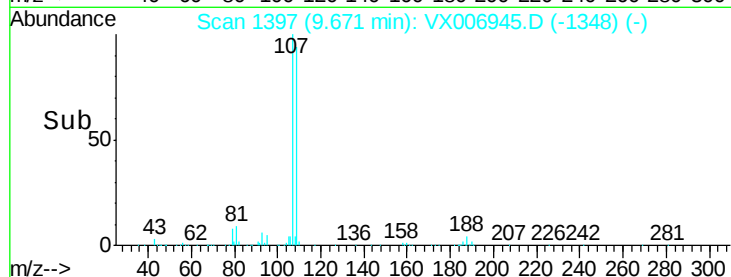
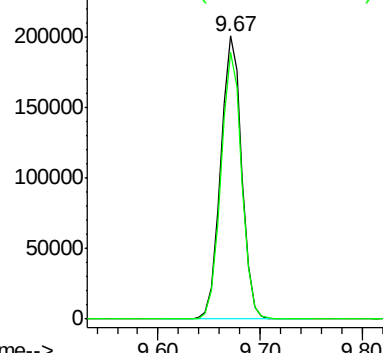
107 100

109 93.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

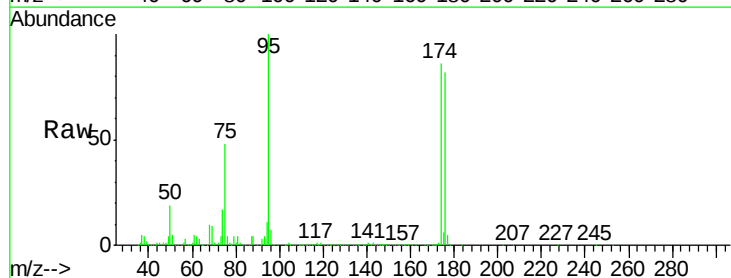
Tgt Ion: 95 Resp: 329801

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

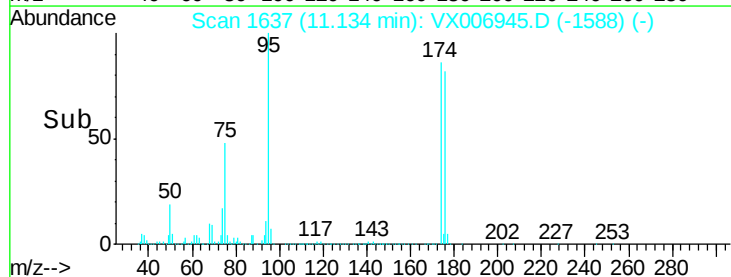
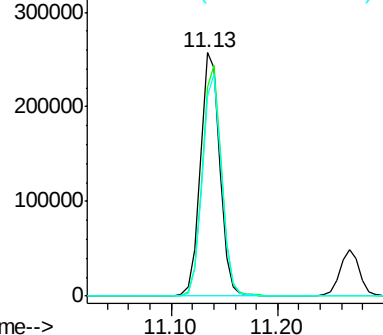
176 90.3 0.0 178.8

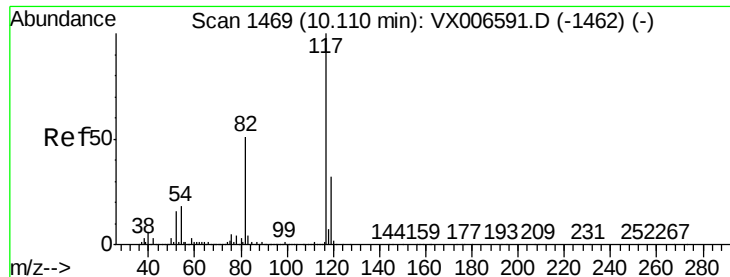


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

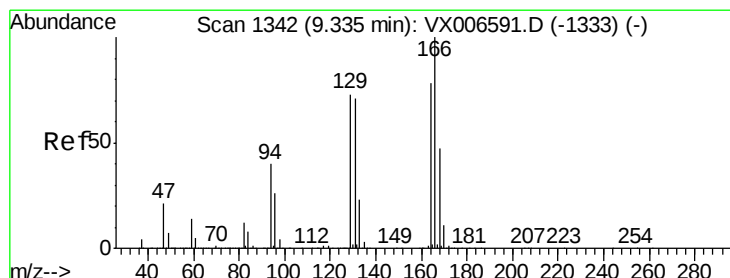
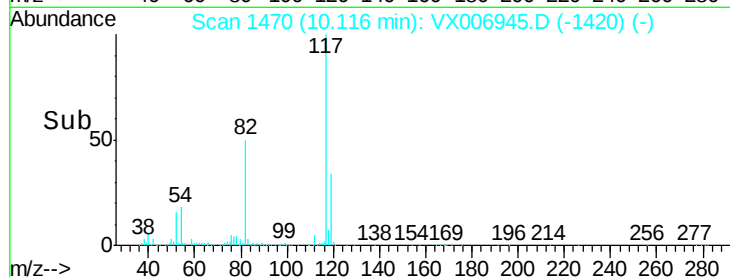
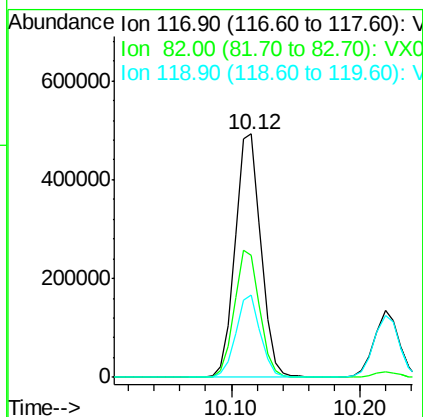
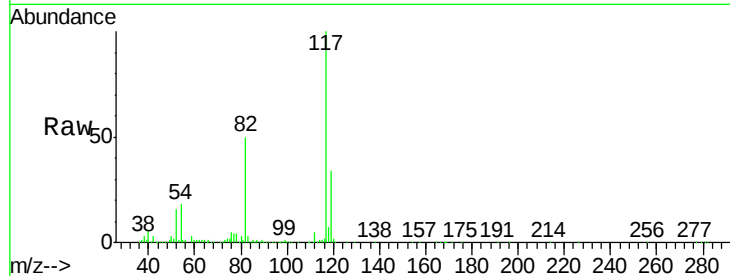




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

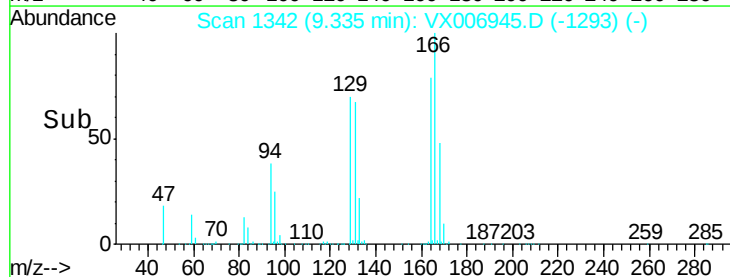
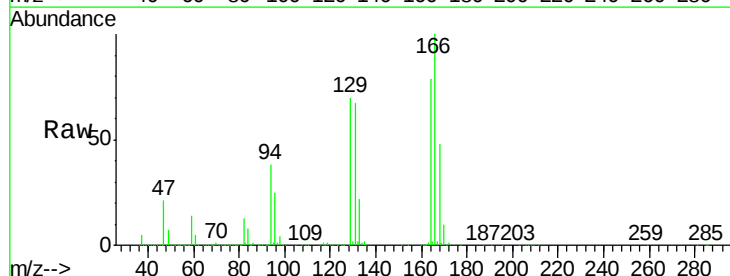
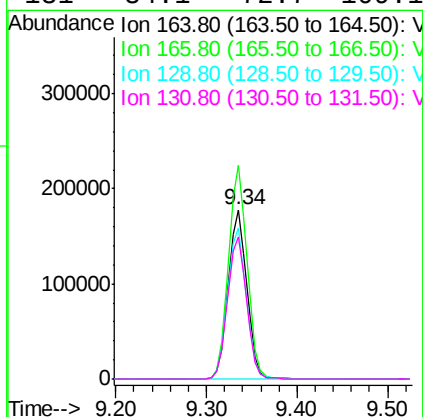
Instrument :
MSVOA_X
ClientSampleId :

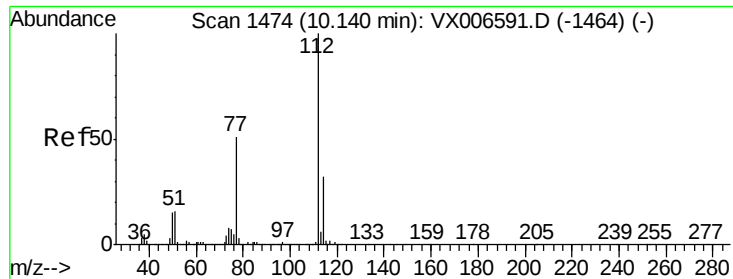
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.0	61.6
119	33.8	25.4	38.0



#64
Tetrachloroethene
Concen: 46.575 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.5	153.7
129	89.0	75.1	112.7
131	84.1	72.7	109.1

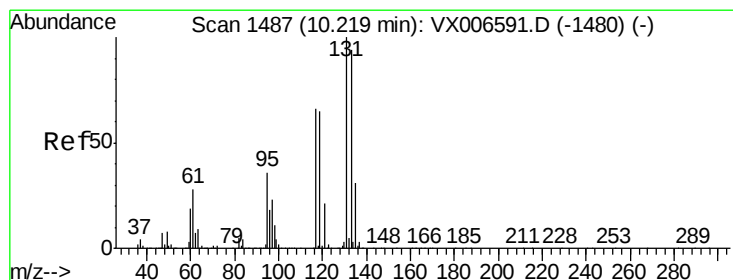
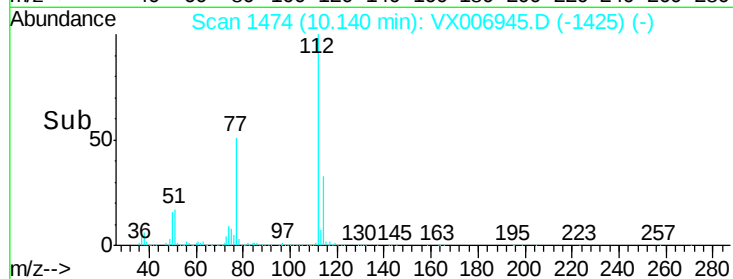
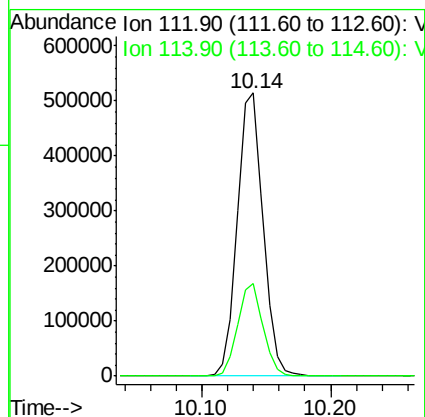
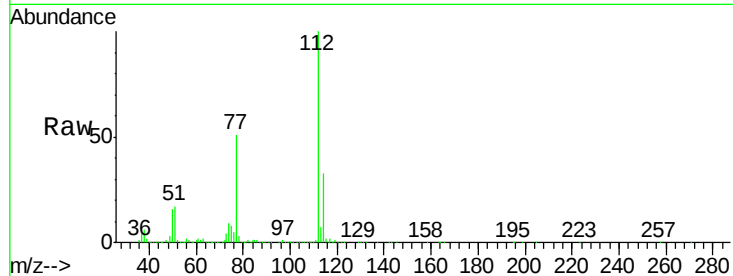




#65
Chlorobenzene
Concen: 49.449 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

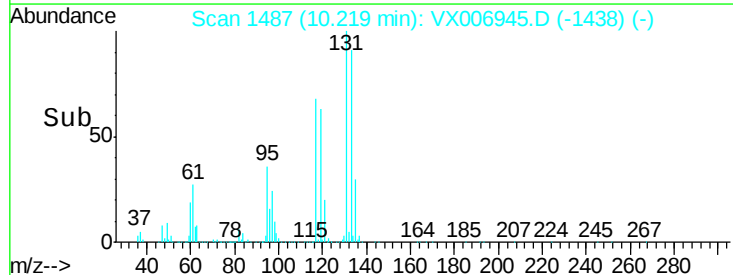
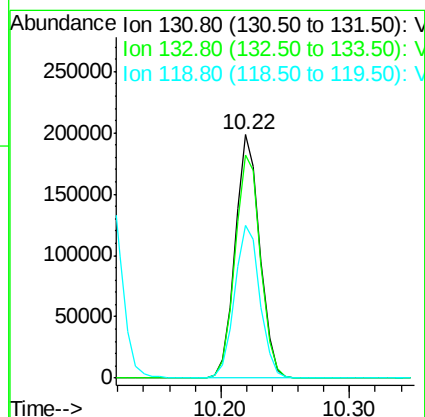
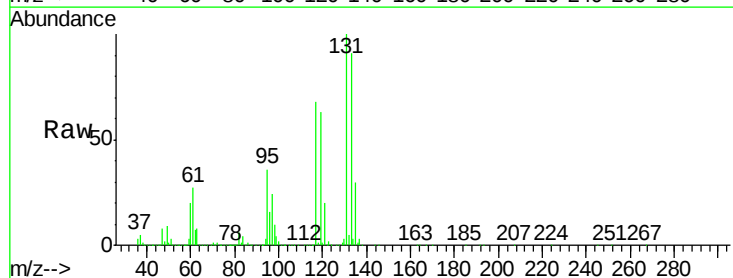
Instrument :
MSVOA_X
ClientSampled :

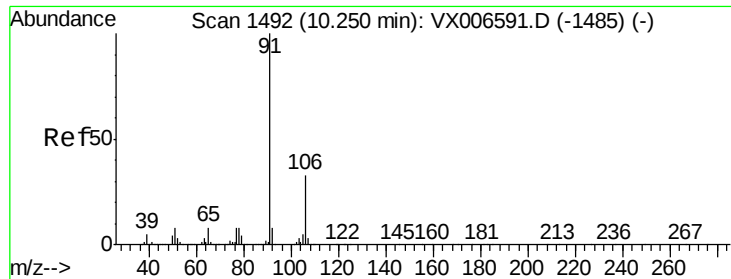
Tot Ion:112 Resp: 716957
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.399 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion:131 Resp: 264179
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 64.7 32.6 97.8





#67

Ethyl Benzene

Concen: 49.282 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

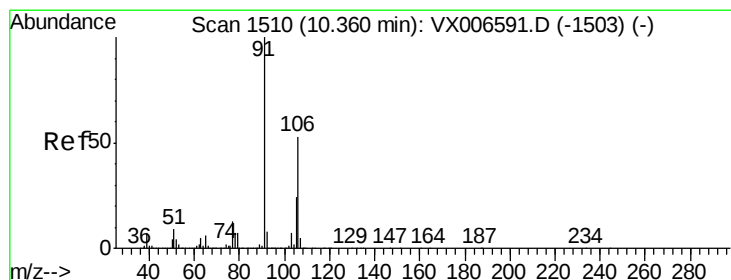
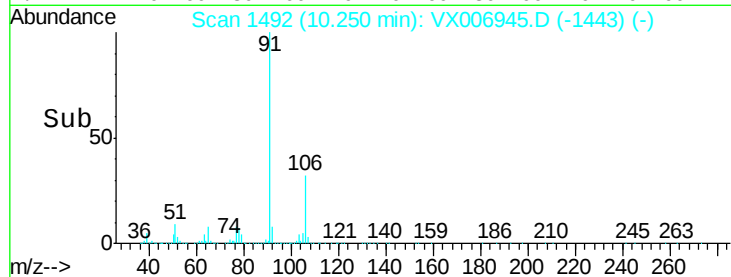
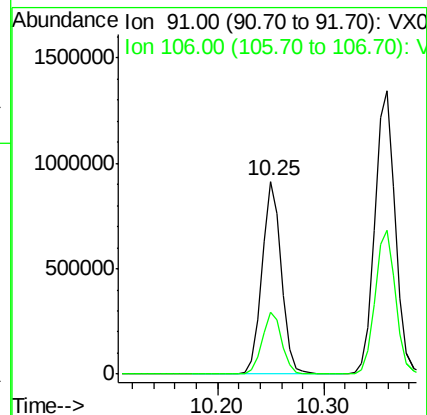
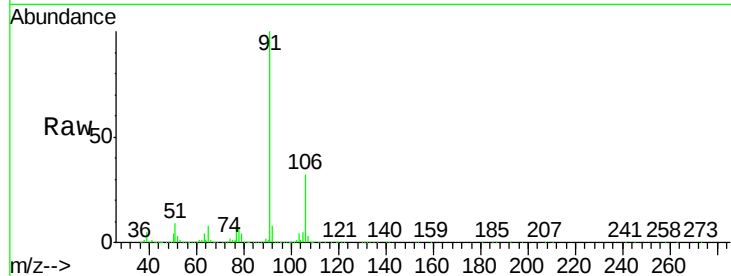
ClientSampleId :

Tot Ion: 91 Resp: 1167618

Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



#68

m/p-Xylenes

Concen: 98.644 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006945.D

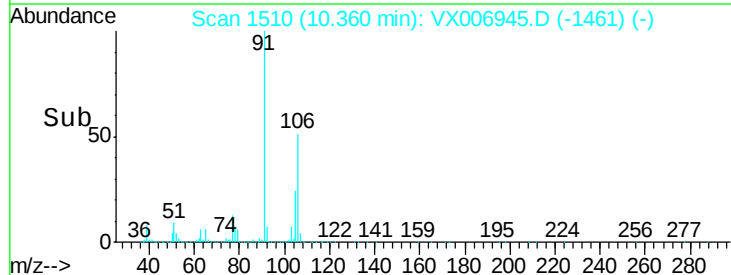
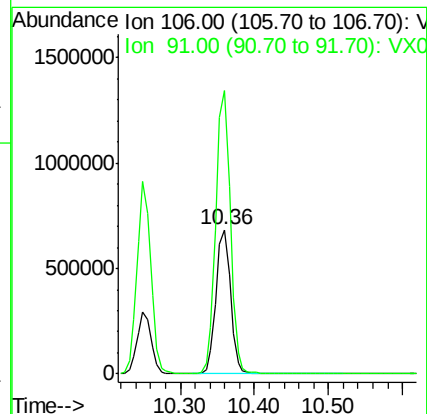
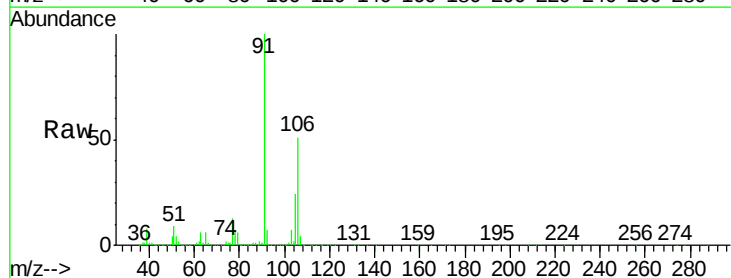
Acq: 07 Jan 2019 19:28

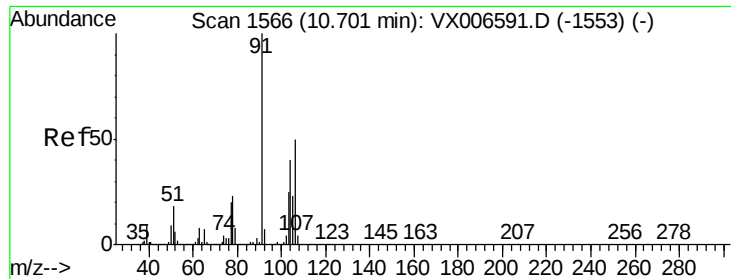
Tgt Ion: 106 Resp: 922221

Ion Ratio Lower Upper

106 100

91 195.9 155.8 233.6

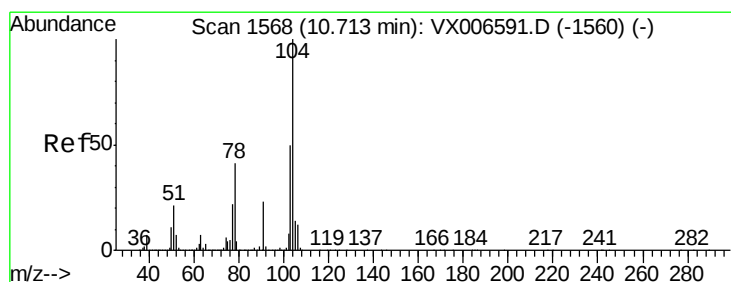
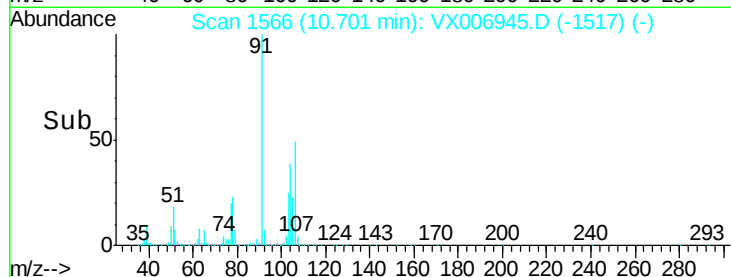
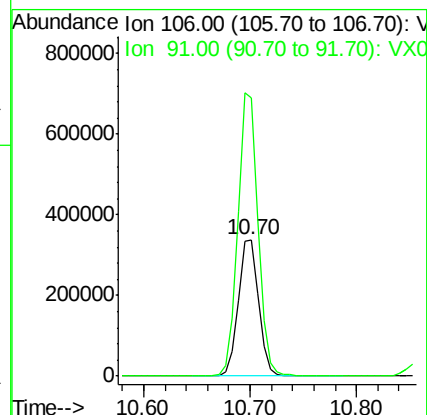
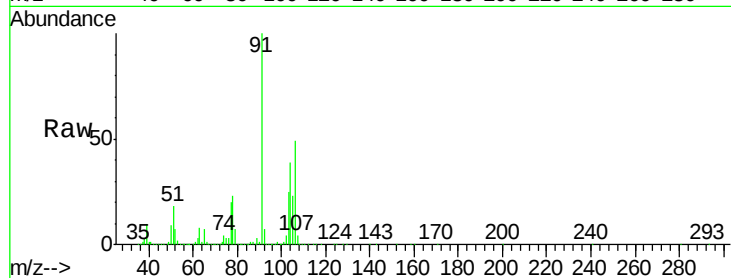




#69
o-Xylene
Concen: 49.527 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

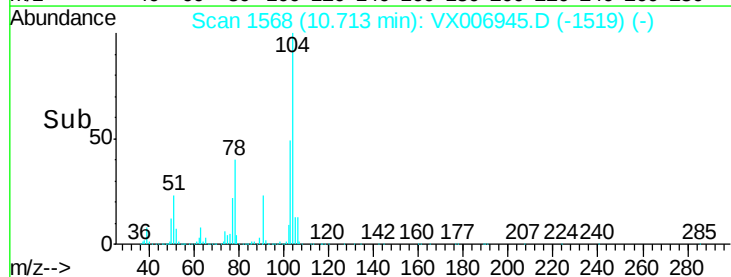
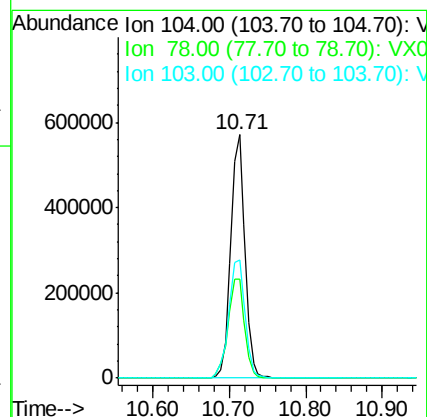
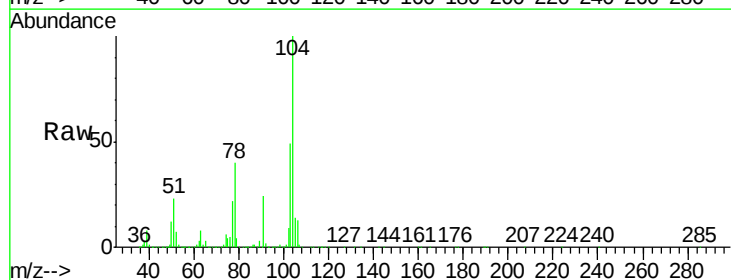
Instrument :
MSVOA_X
ClientSampleId :

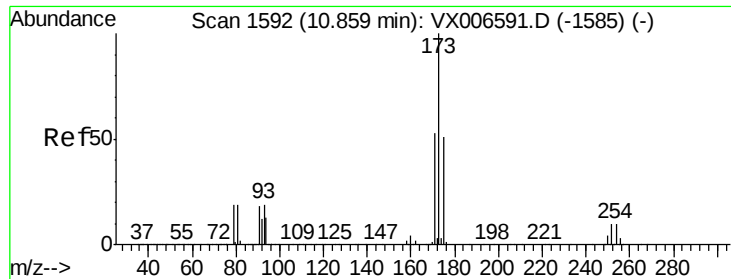
Tot Ion:106 Resp: 457225
Ion Ratio Lower Upper
106 100
91 204.5 101.3 303.7



#70
Styrene
Concen: 50.563 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion:104 Resp: 738492
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 56.0 43.8 65.8

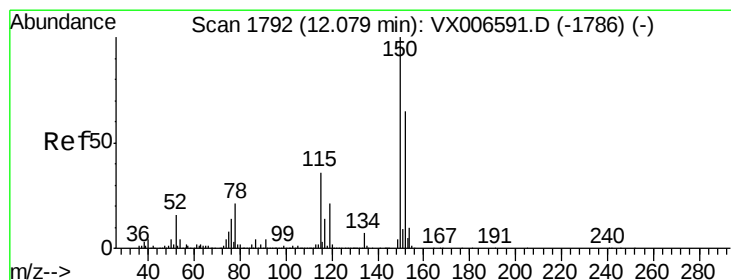
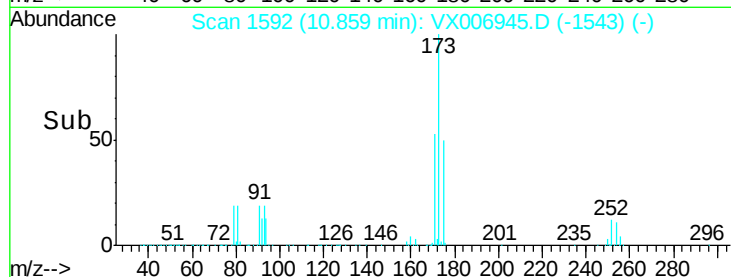
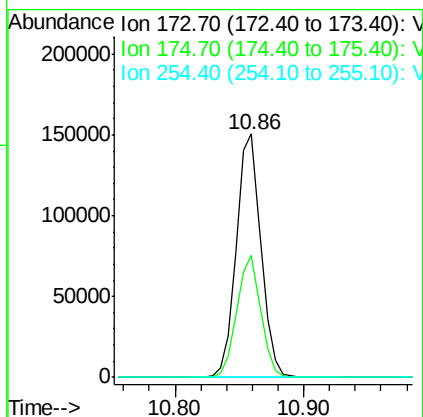
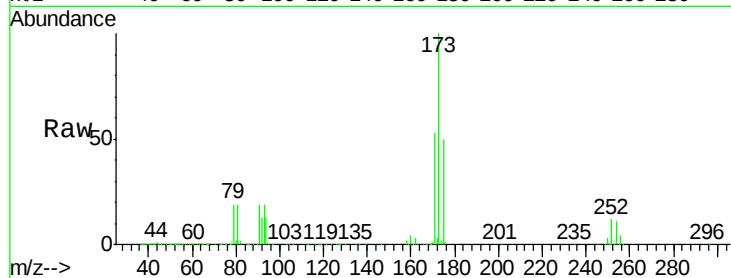




#71
Bromoform
Concen: 49.095 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

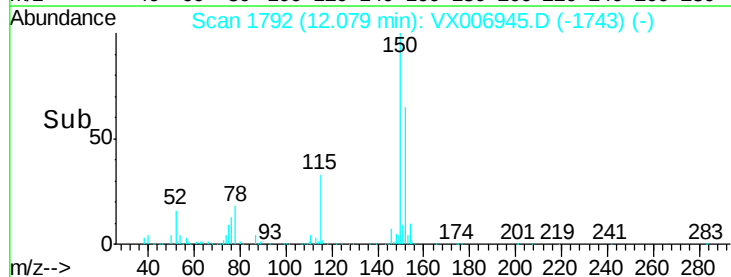
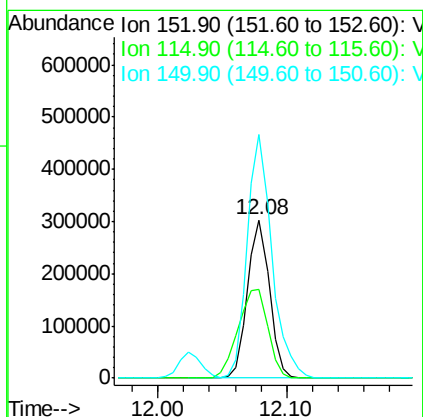
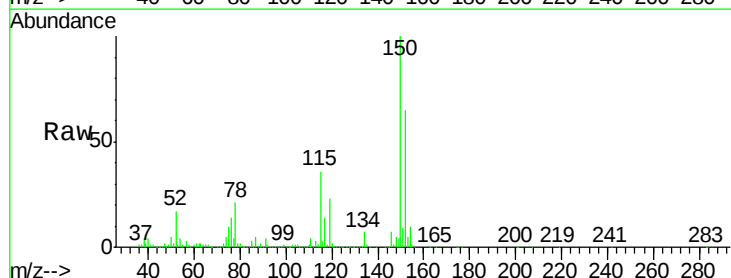
Instrument :
MSVOA_X
ClientSampleId :

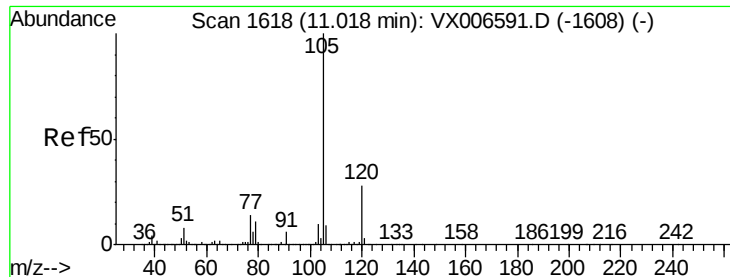
Tot Ion:173 Resp: 199967
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion:152 Resp: 353634
Ion Ratio Lower Upper
152 100
115 77.0 39.1 117.2
150 173.1 0.0 344.8





#73

Isopropylbenzene

Concen: 49.566 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

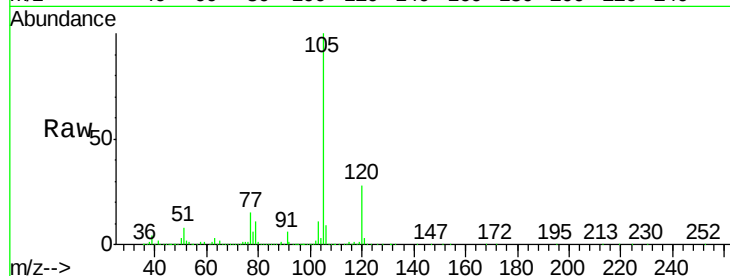
ClientSampleId :

Tot Ion: 105 Resp: 1199142

Ion Ratio Lower Upper

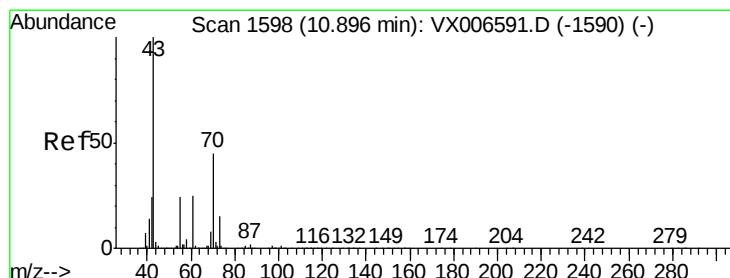
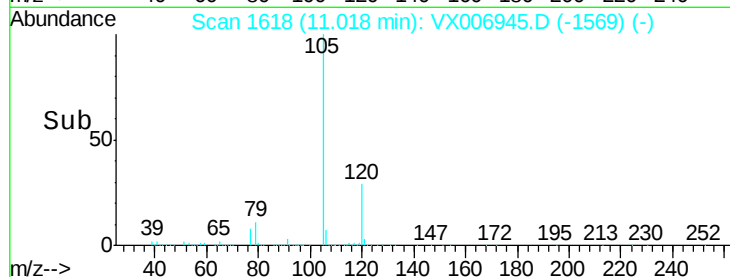
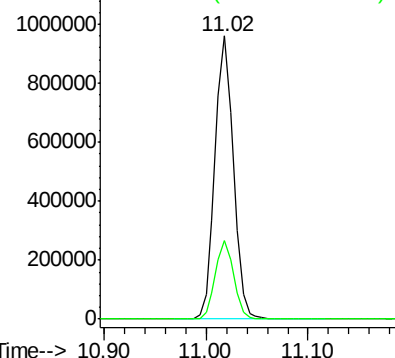
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.511 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Tgt Ion: 43 Resp: 506686

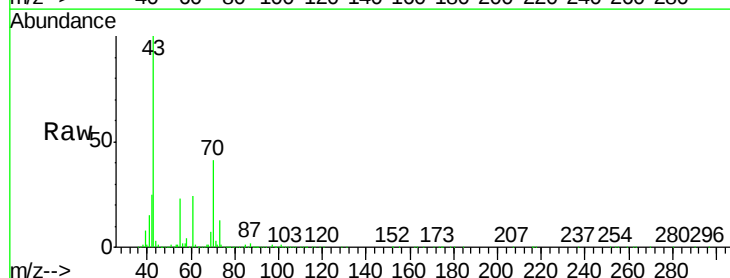
Ion Ratio Lower Upper

43 100

70 42.4 35.8 53.8

55 23.5 19.4 29.0

61 24.2 20.1 30.1

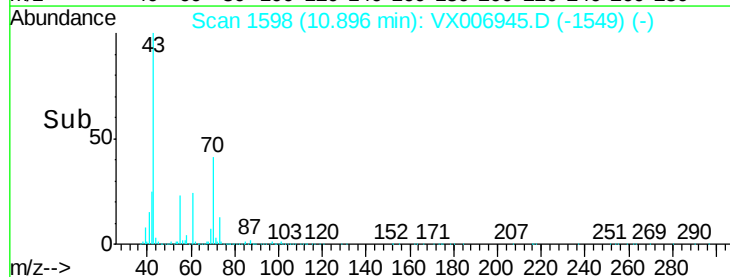
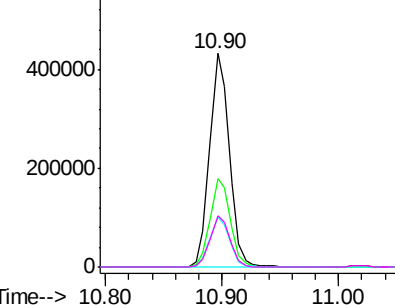


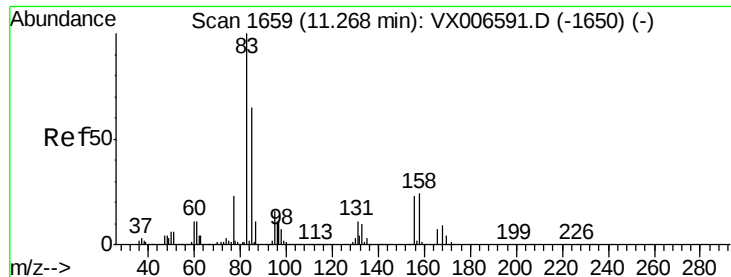
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.565 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

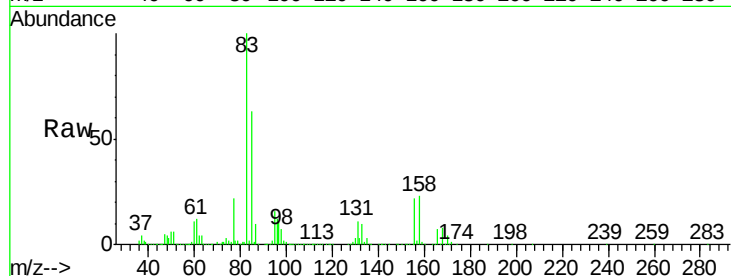
Tot Ion: 83 Resp: 399792

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.1

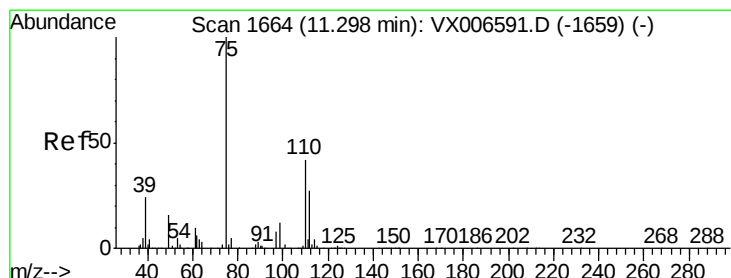
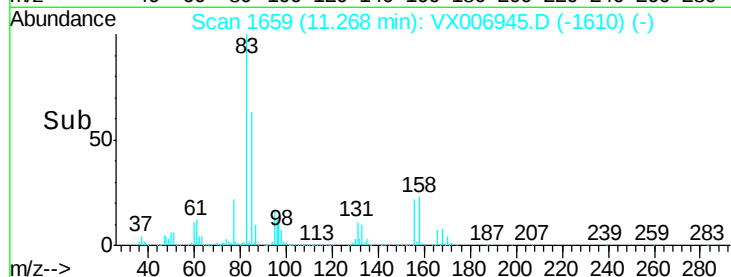
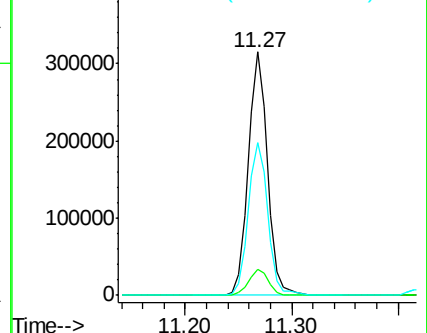
85 64.4 32.2 96.6



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: 67.186 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006945.D

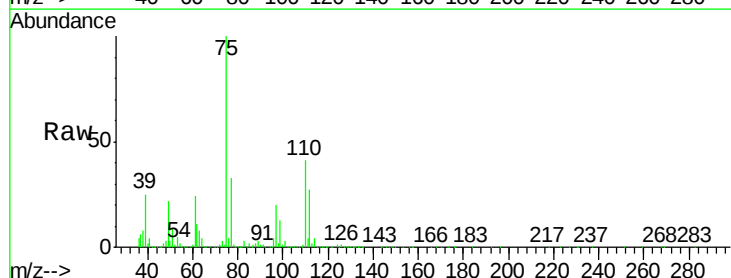
Acq: 07 Jan 2019 19:28

Tgt Ion: 75 Resp: 441547

Ion Ratio Lower Upper

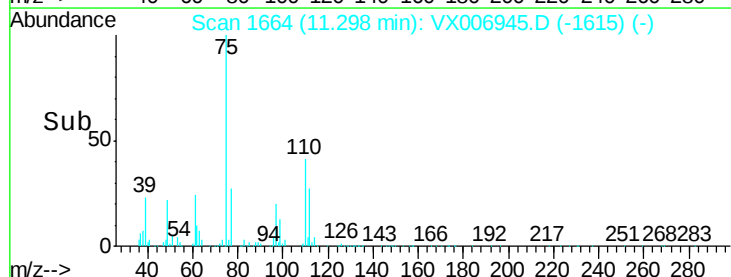
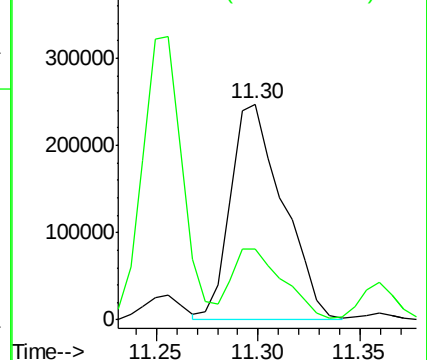
75 100

77 31.9 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.195 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

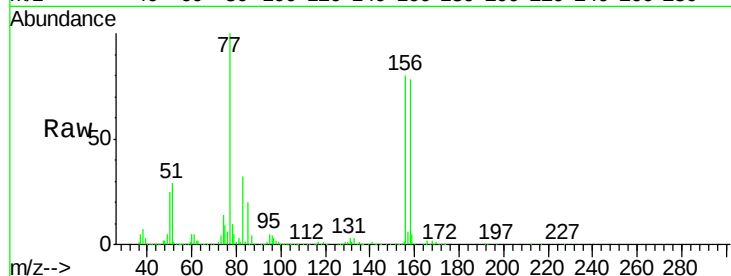
Tot Ion:156 Resp: 328307

Ion Ratio Lower Upper

156 100

77 134.0 68.0 204.0

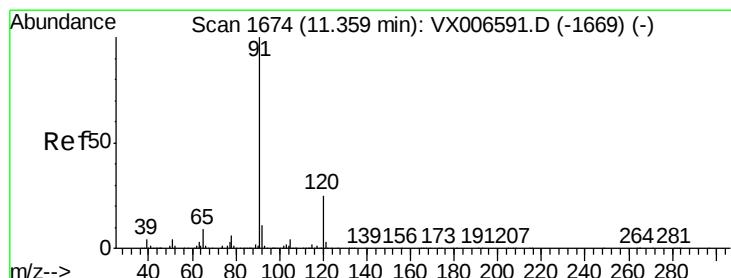
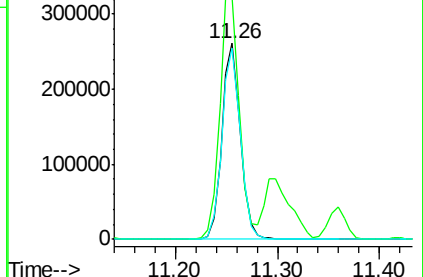
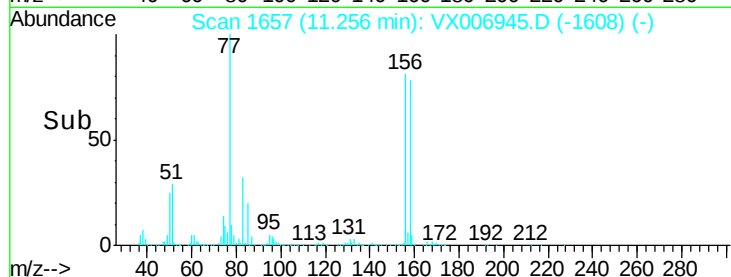
158 98.1 48.3 144.8



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: 49.790 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006945.D

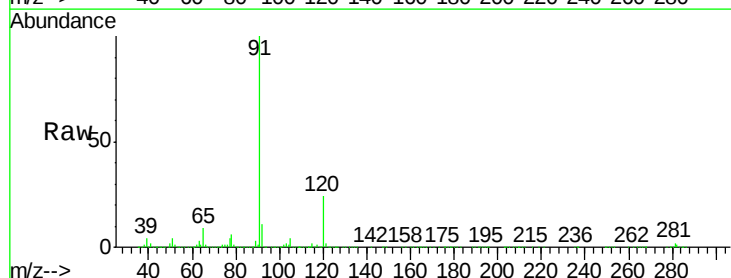
Acq: 07 Jan 2019 19:28

Tgt Ion: 91 Resp: 1326461

Ion Ratio Lower Upper

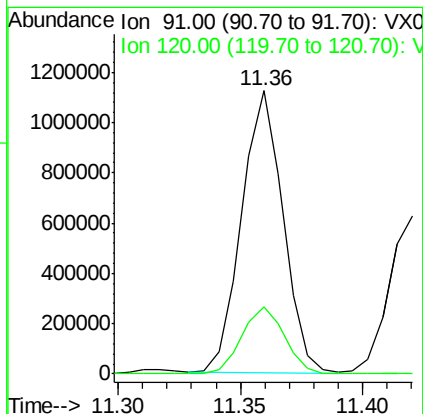
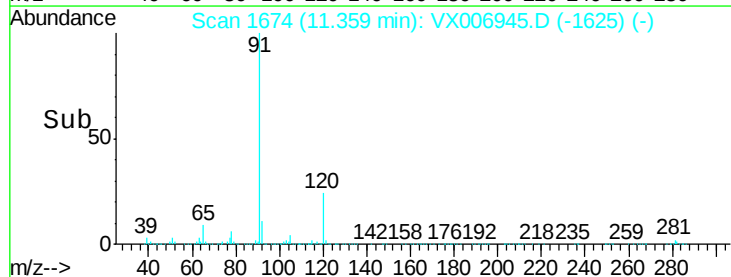
91 100

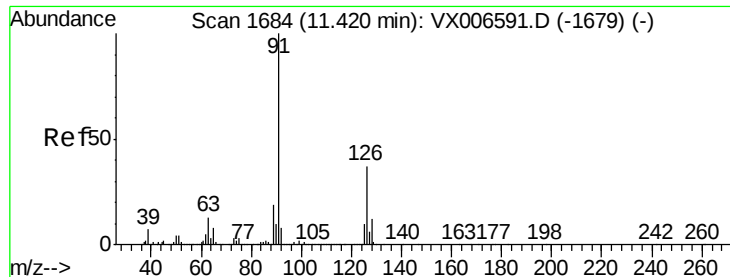
120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.304 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

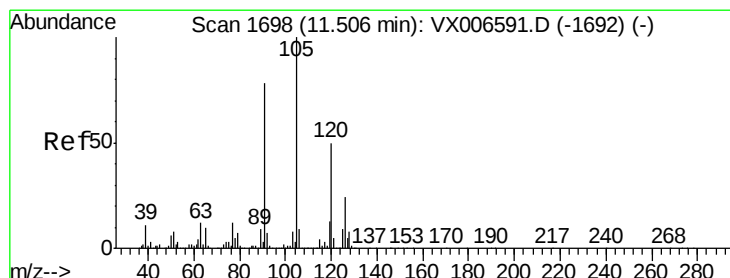
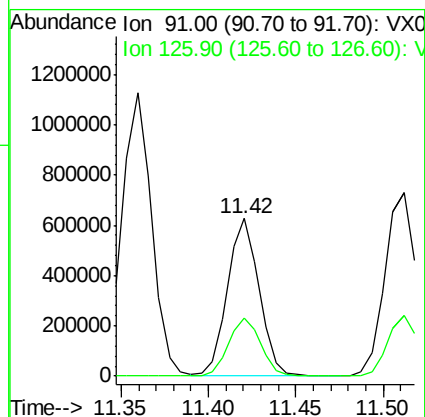
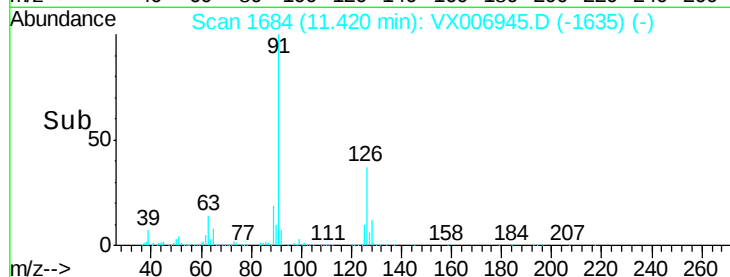
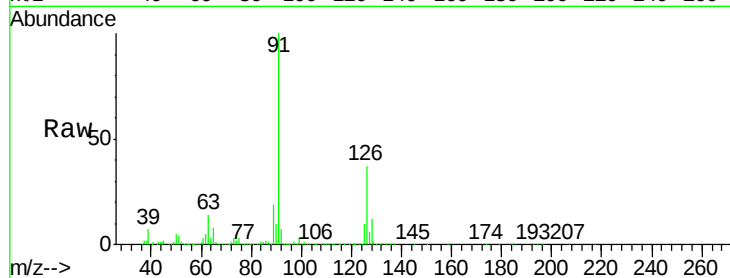
ClientSampleId :

Tot Ion: 91 Resp: 779857

Ion Ratio Lower Upper

91 100

126 38.1 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 49.936 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006945.D

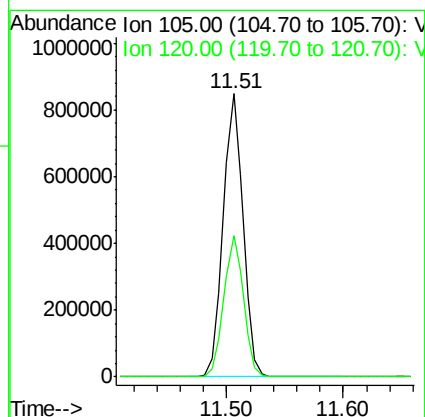
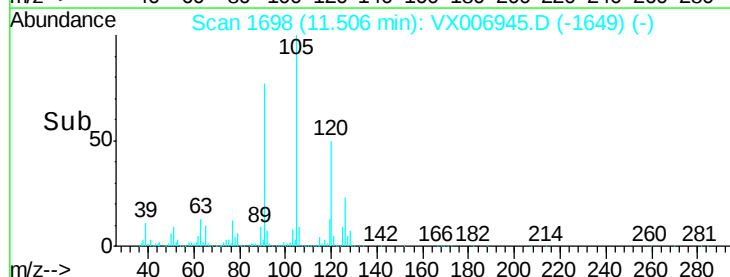
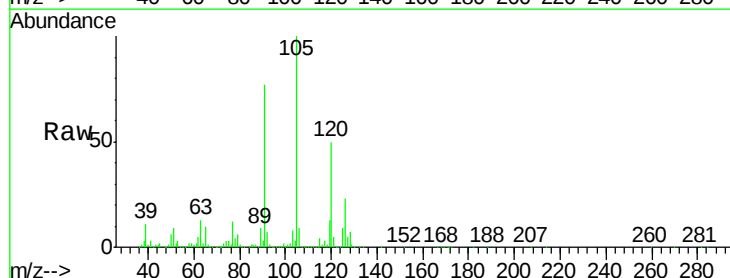
Acq: 07 Jan 2019 19:28

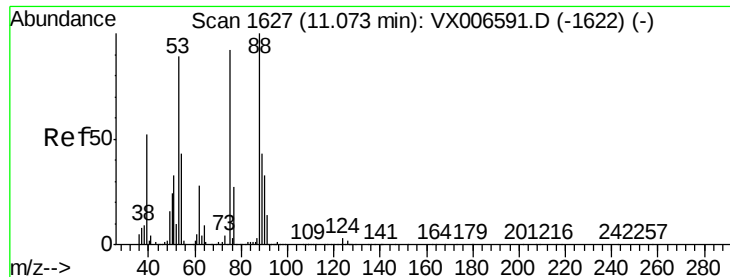
Tgt Ion: 105 Resp: 995068

Ion Ratio Lower Upper

105 100

120 49.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.367 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

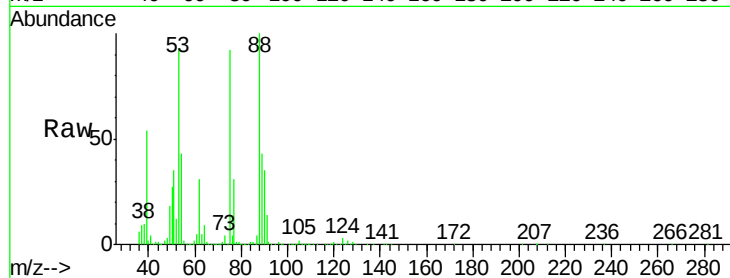
Tot Ion: 75 Resp: 104122

Ion Ratio Lower Upper

75 100

53 101.2 79.7 119.5

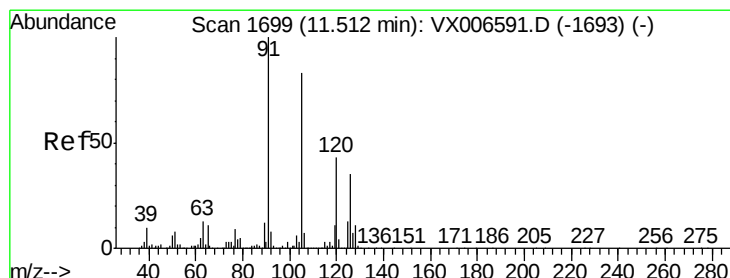
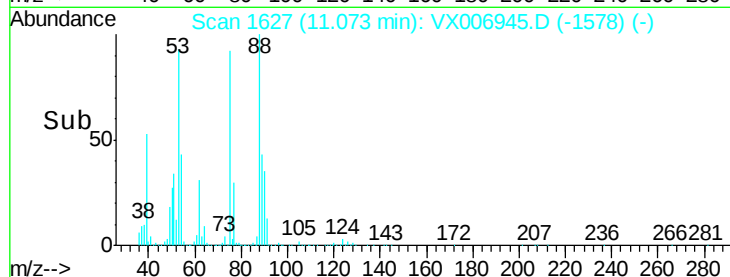
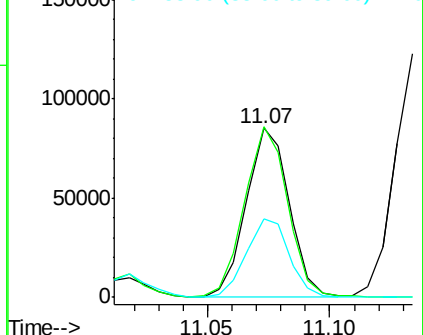
89 47.3 38.0 57.0



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: 49.589 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006945.D

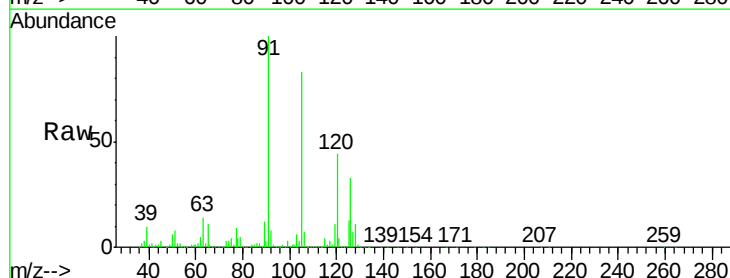
Acq: 07 Jan 2019 19:28

Tgt Ion: 91 Resp: 918349

Ion Ratio Lower Upper

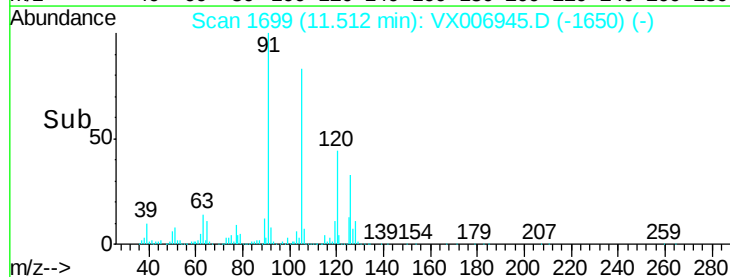
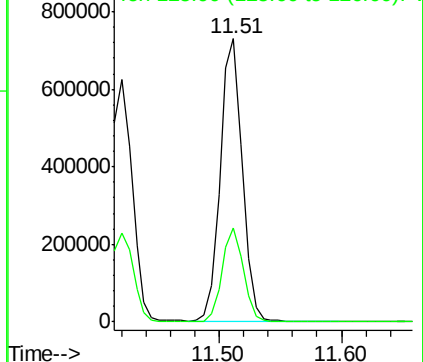
91 100

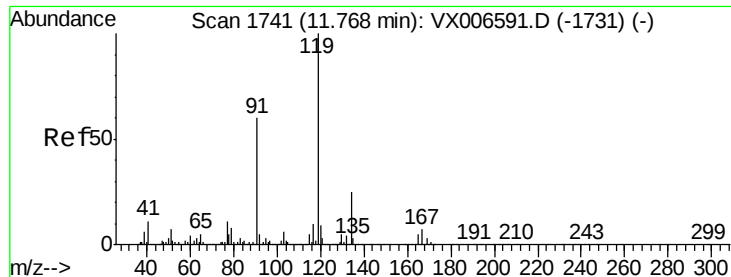
126 32.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

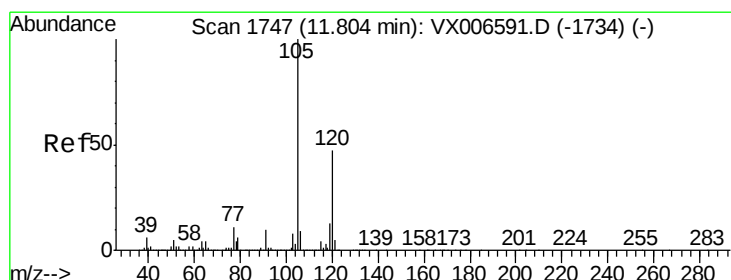
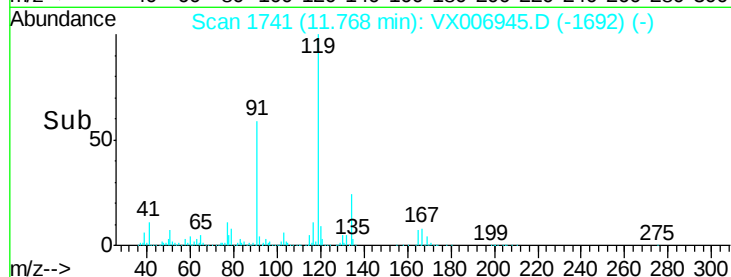
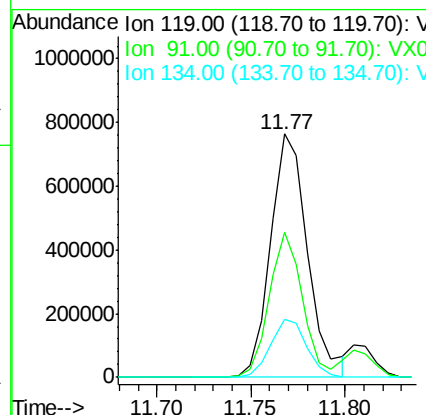
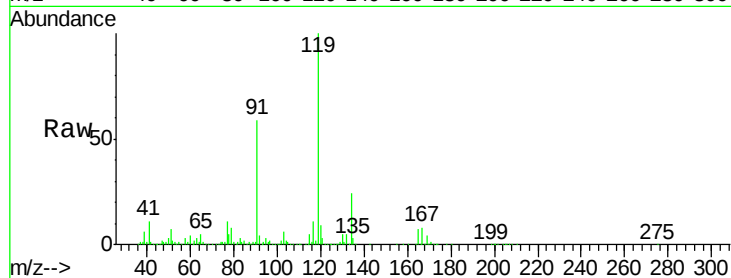




#83
 tert-Butylbenzene
 Concen: 52.076 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

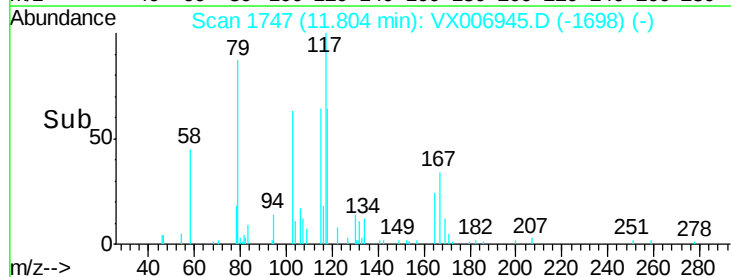
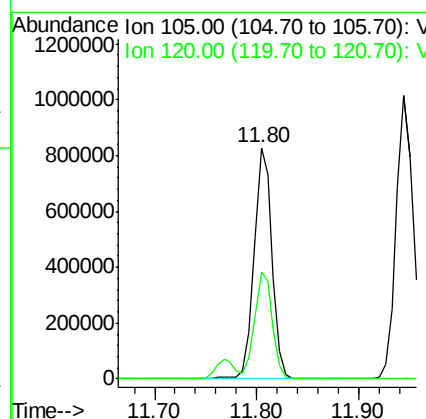
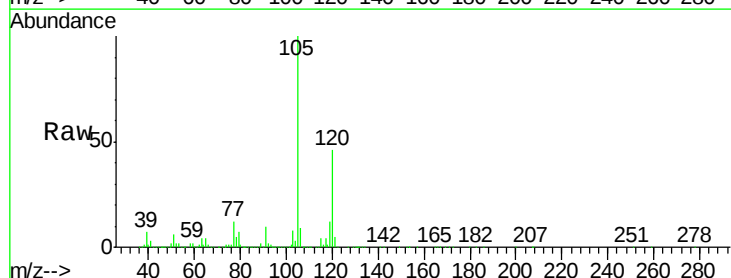
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 1038581
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.7 83.1
 134 23.2 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.340 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

Tgt Ion:105 Resp: 1013186
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.964 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

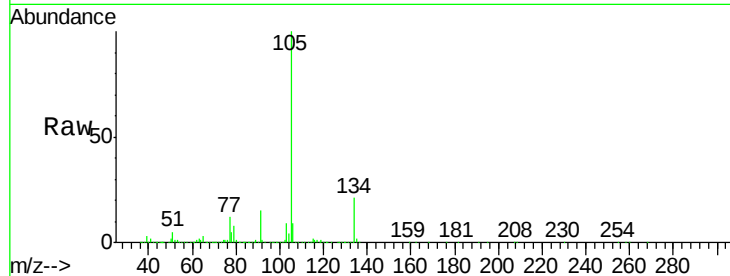
ClientSampled :

Tot Ion:105 Resp: 1197277

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1200000

1000000

800000

600000

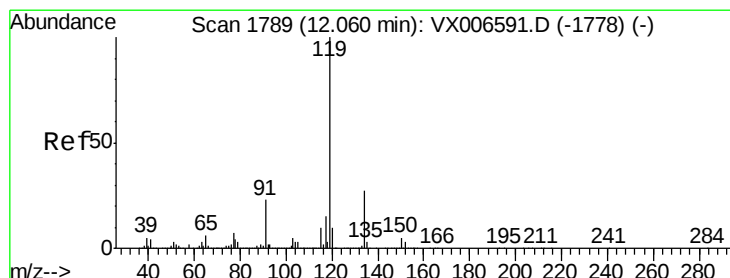
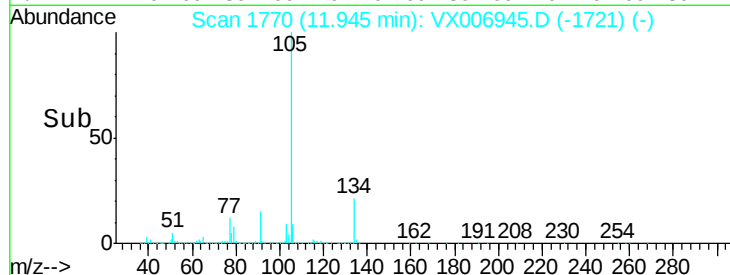
400000

200000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 50.164 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

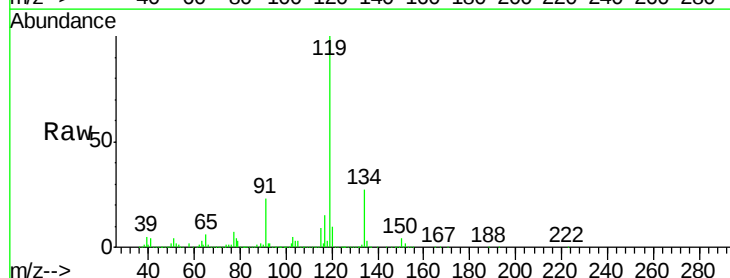
Tgt Ion:119 Resp: 1078228

Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

91 22.4 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1200000

1000000

800000

600000

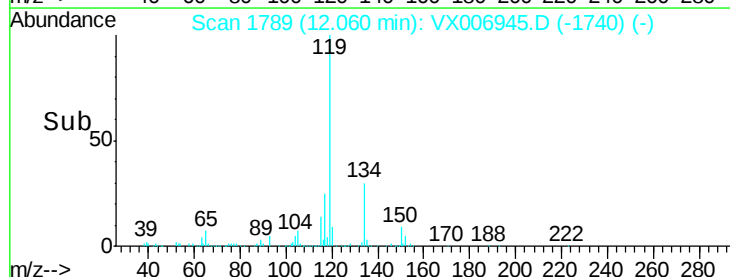
400000

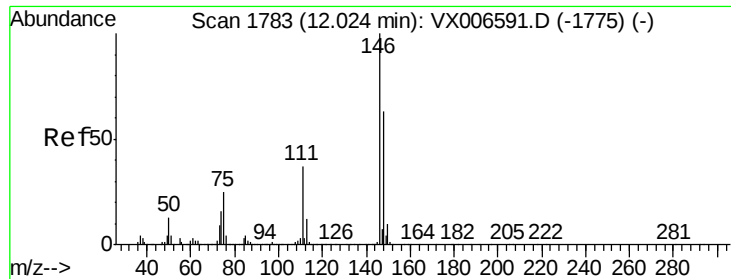
200000

0

12.00 12.10

Time-->

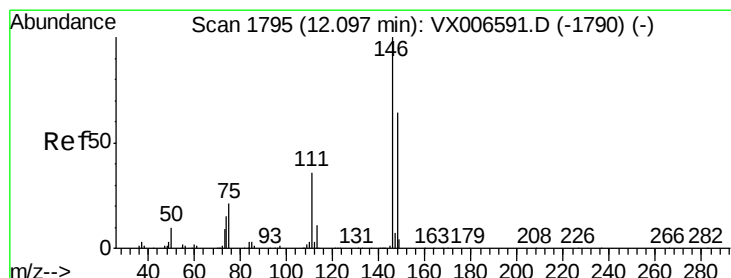
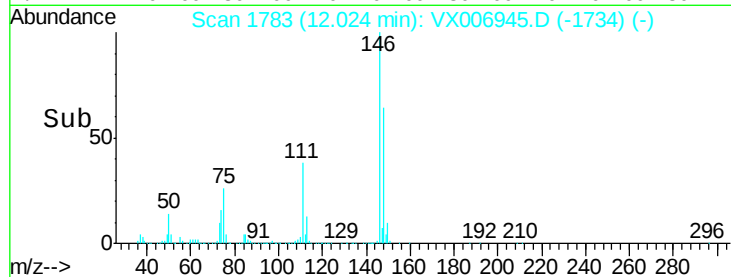
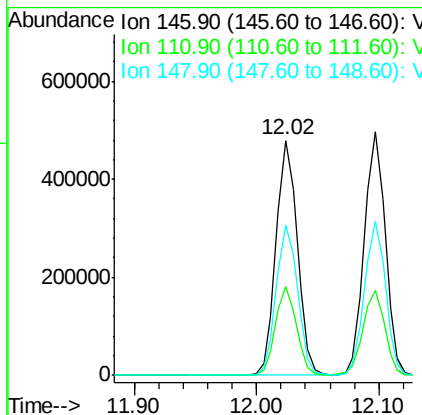
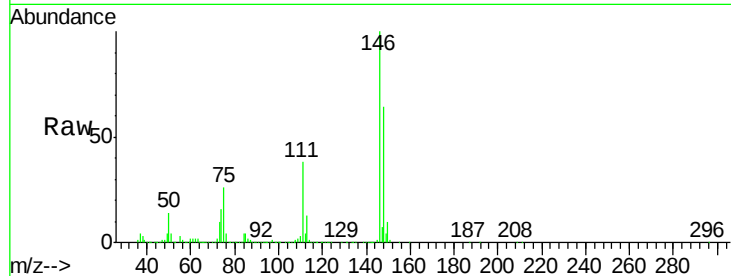




#87
 1,3-Dichlorobenzene
 Concen: 49.076 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

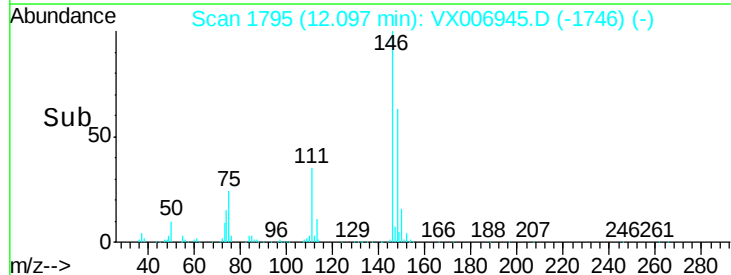
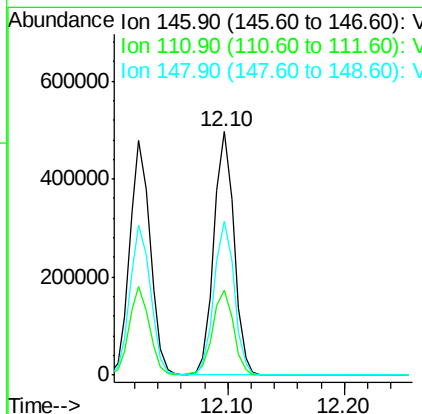
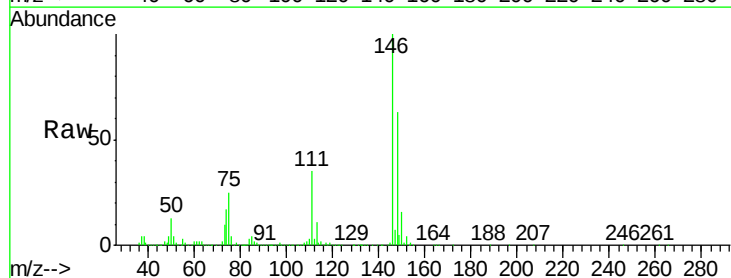
Instrument :
 MSVOA_X
 ClientSampleId :

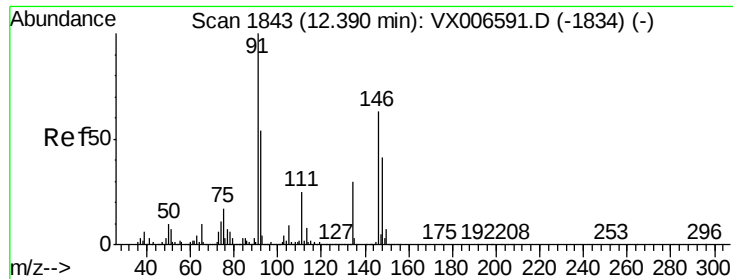
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.732 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	63.7	31.9	95.9

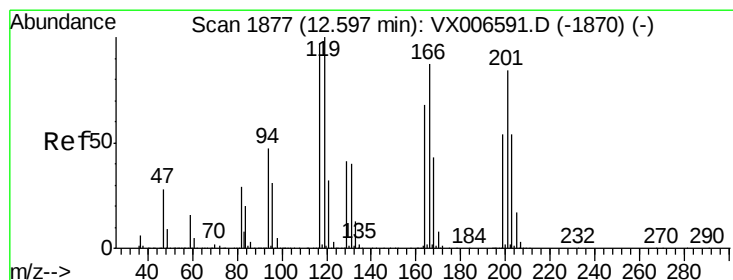
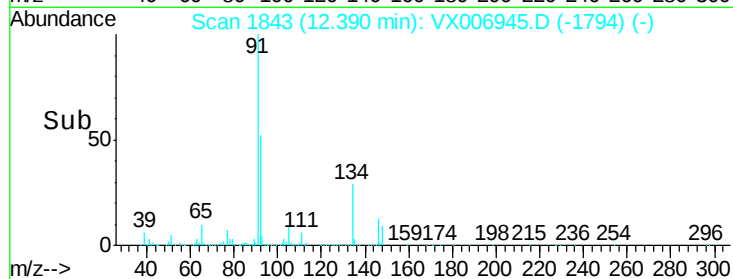
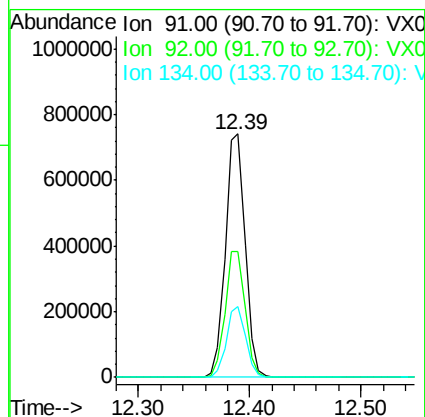
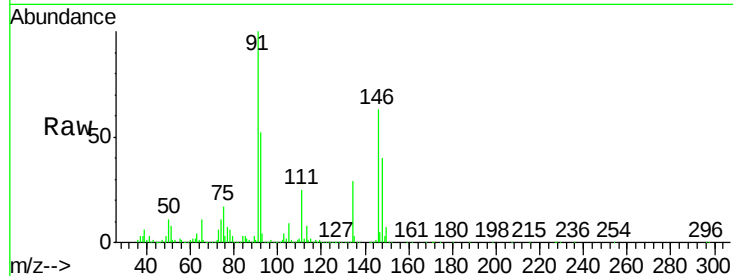




#89
n-Butylbenzene
Concen: 49.634 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

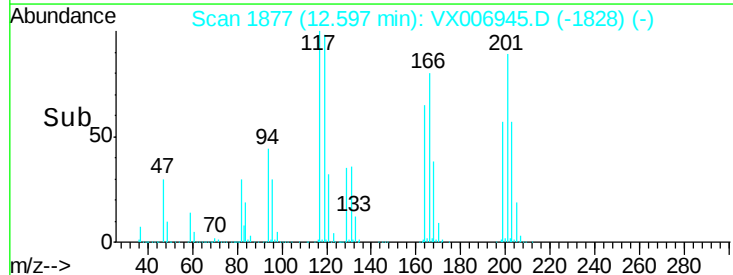
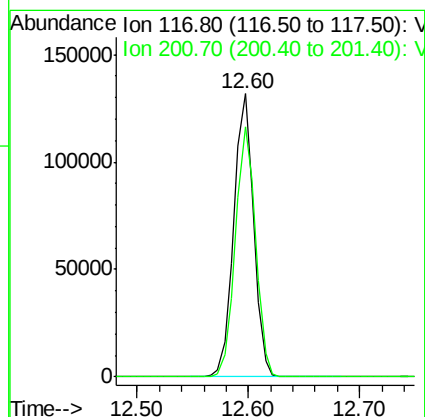
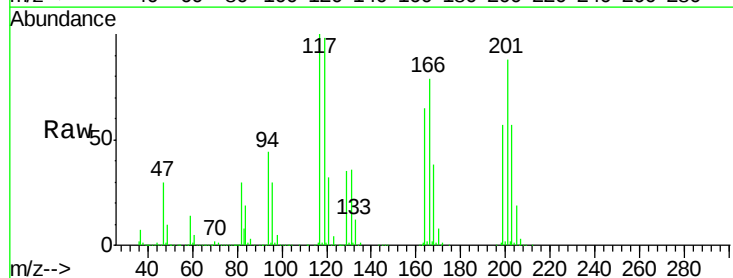
Instrument :
MSVOA_X
ClientSampled :

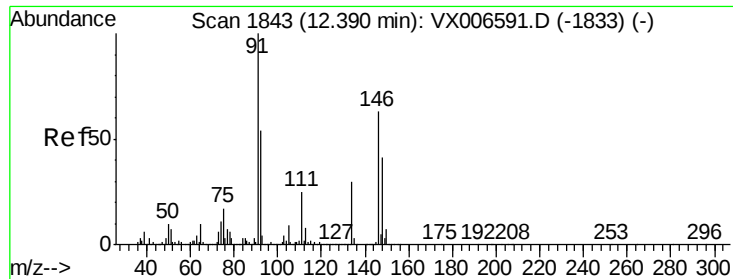
Tot Ion: 91 Resp: 907934
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.4
134 28.1 14.4 43.2



#90
Hexachloroethane
Concen: 48.418 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 117 Resp: 162502
Ion Ratio Lower Upper
117 100
201 89.8 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 49.417 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

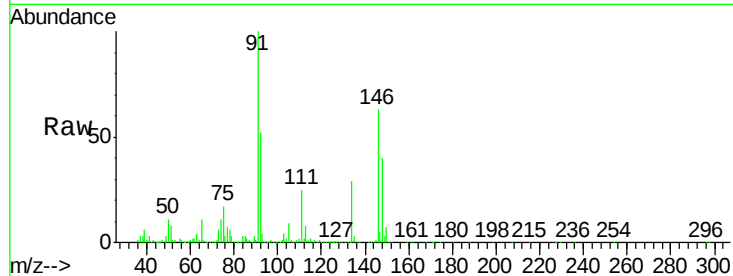
Tot Ion:146 Resp: 582721

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

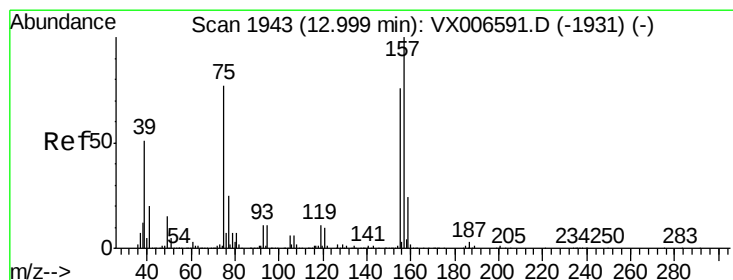
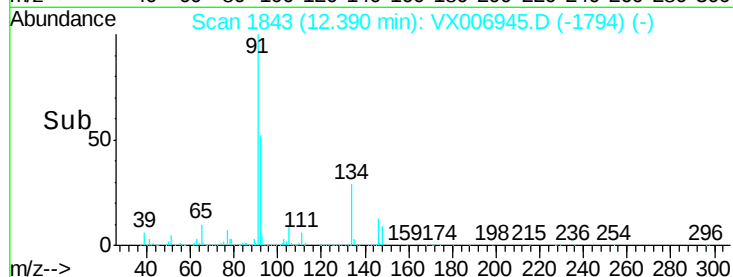
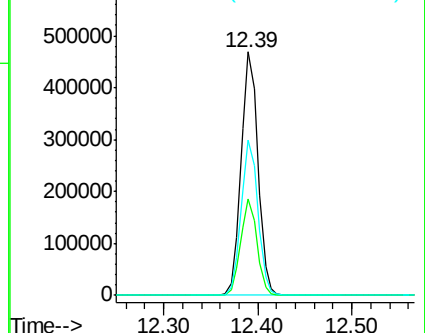
148 63.7 32.3 96.9



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: 54.087 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006945.D

Acq: 07 Jan 2019 19:28

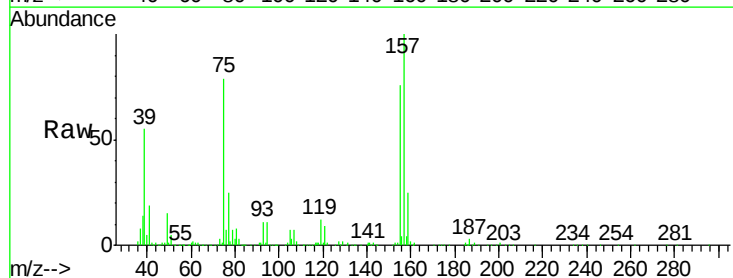
Tgt Ion: 75 Resp: 80521

Ion Ratio Lower Upper

75 100

155 101.2 50.6 151.8

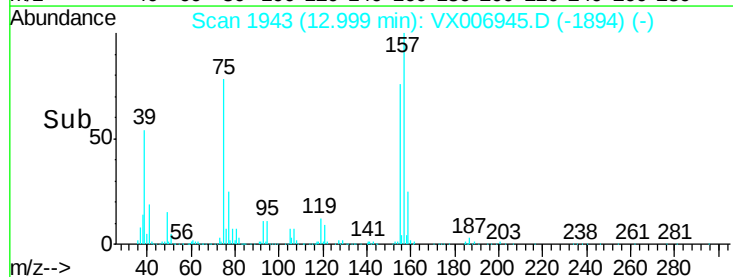
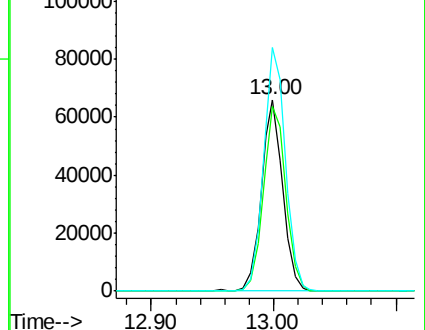
157 130.3 64.6 193.8

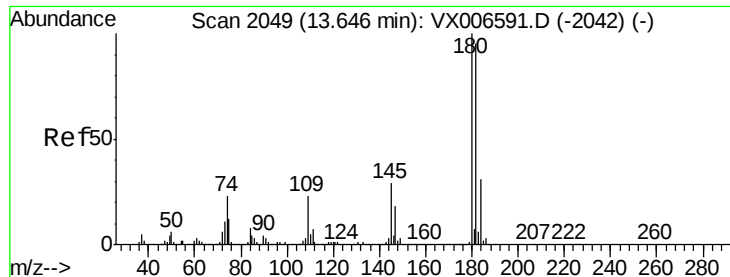


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

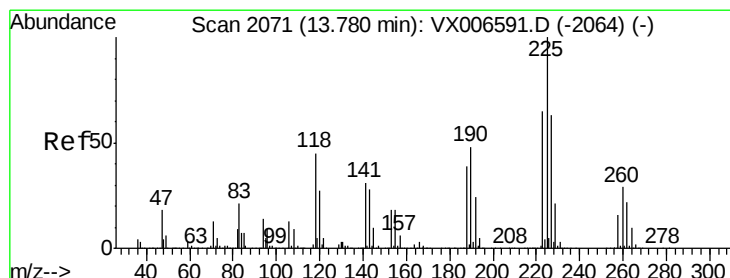
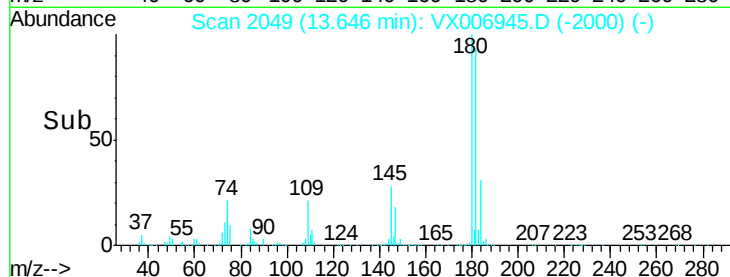
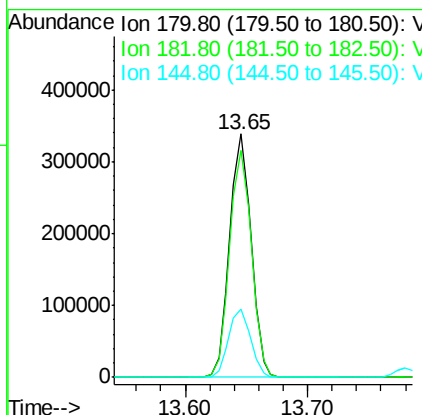
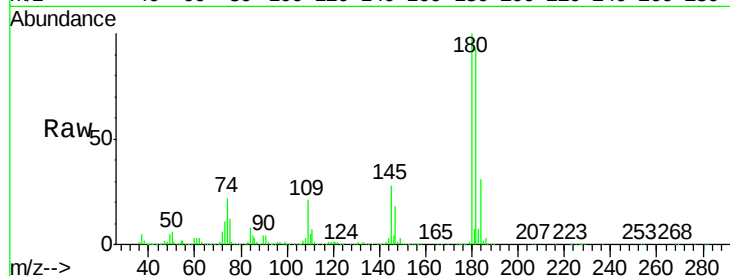




#93
 1,2,4-Trichlorobenzene
 Concen: 50.475 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

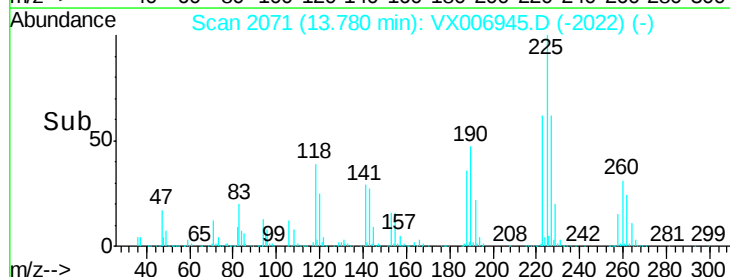
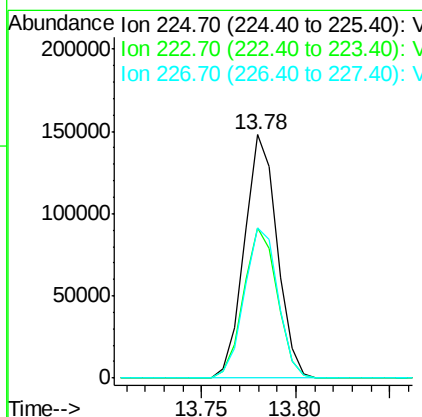
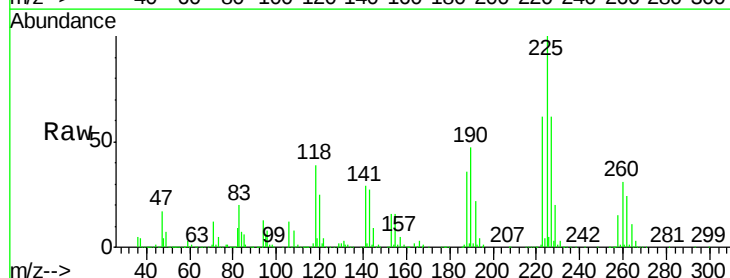
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	142.0
145	28.9	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 46.468 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006945.D
 Acq: 07 Jan 2019 19:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	96.3
227	63.4	32.3	96.8

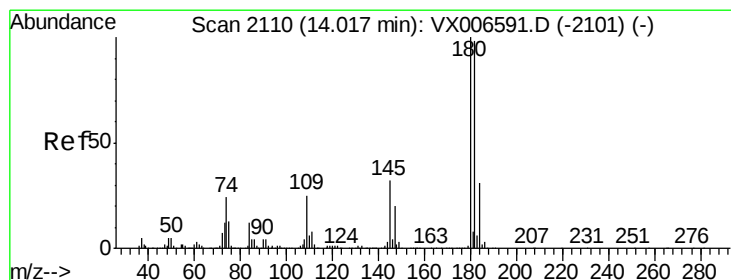
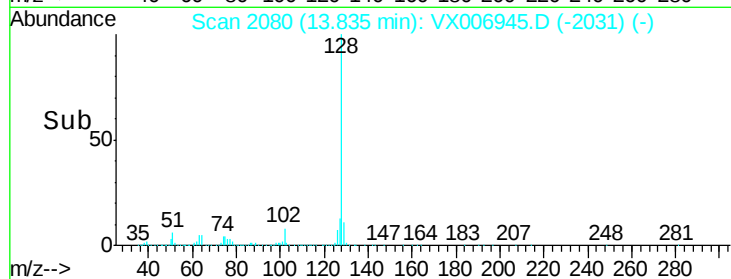
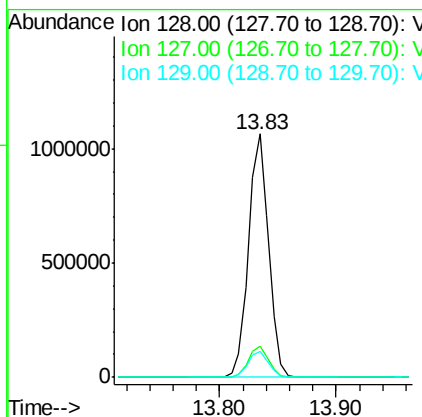
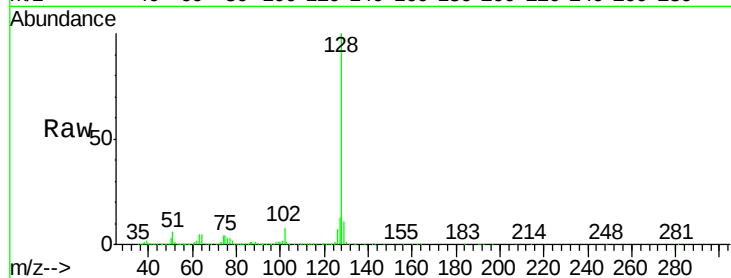




#95
Naphthalene
Concen: 49.282 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1279395
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.462 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006945.D
Acq: 07 Jan 2019 19:28

Tgt Ion:180 Resp: 406998
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.5
145 30.7 16.0 47.9

