

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006846.D
 Acq On : 27 Dec 2018 16:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 03:22:15 2018
 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	5.67	168	559900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	824913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	752117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	383703	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	287685	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	264520	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	958752	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	356168	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	205479	40.116	ug/l	98
3) Chloromethane	1.33	50	231291	41.913	ug/l	96
4) Vinyl Chloride	1.41	62	251161	43.579	ug/l	100
5) Bromomethane	1.64	94	223567	41.232	ug/l	96
6) Chloroethane	1.71	64	166909	41.825	ug/l	95
7) Trichlorofluoromethane	1.93	101	403217	44.874	ug/l	99
8) Diethyl Ether	2.19	74	164207	46.010	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	238323	45.172	ug/l	99
10) Methyl Iodide	2.51	142	353687	46.833	ug/l	100
11) Tert butyl alcohol	3.07	59	292374	217.103	ug/l	99
12) 1,1-Dichloroethene	2.37	96	222447	44.467	ug/l	96
13) Acrolein	2.30	56	222958	245.414	ug/l	100
14) Allyl chloride	2.73	41	396416	47.078	ug/l	99
15) Acrylonitrile	3.15	53	733002	245.143	ug/l	100
16) Acetone	2.45	43	609647	219.901	ug/l	99
17) Carbon Disulfide	2.57	76	486067	36.716	ug/l	99
18) Methyl Acetate	2.78	43	448317	54.994	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	830640	50.028	ug/l	100
20) Methylene Chloride	2.85	84	259626	45.288	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	236770	42.716	ug/l	97
22) Diisopropyl ether	3.87	45	757480	49.172	ug/l	94
23) Vinyl Acetate	3.82	43	3057435	242.642	ug/l	99
24) 1,1-Dichloroethane	3.70	63	415041	45.133	ug/l	98
25) 2-Butanone	4.70	43	901128	231.077	ug/l	99
26) 2,2-Dichloropropane	4.59	77	306621	43.165	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	277627	45.397	ug/l	99
28) Bromochloromethane	5.02	49	197293	50.929	ug/l	97
29) Tetrahydrofuran	5.15	42	602003	234.383	ug/l	98
30) Chloroform	5.21	83	439582	46.161	ug/l	96
31) Cyclohexane	5.57	56	332032	39.744	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	375768	46.732	ug/l	98
36) 1,1-Dichloropropene	5.80	75	307118	44.952	ug/l	99
37) Ethyl Acetate	4.85	43	354020	49.784	ug/l	99
38) Carbon Tetrachloride	5.79	117	313085	47.153	ug/l	97

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Quant Time: Dec 28 03:22:15 2018
 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)
39) Methylcyclohexane	7.46	83	343082	38.142	ug/l	98
40) Benzene	6.14	78	968589	46.639	ug/l	99
41) Methacrylonitrile	5.06	41	199072	52.729	ug/l	98
42) 1,2-Dichloroethane	6.20	62	328872	46.473	ug/l	99
43) Isopropyl Acetate	6.46	43	580011	53.606	ug/l	98
44) Trichloroethene	7.21	130	280666	44.652	ug/l	93
45) 1,2-Dichloropropane	7.52	63	251730	49.810	ug/l	97
46) Dibromomethane	7.66	93	177025	47.622	ug/l	98
47) Bromodichloromethane	7.90	83	308547	49.995	ug/l	97
48) Methyl methacrylate	7.77	41	295625	53.729	ug/l	97
49) 1,4-Dioxane	7.75	88	116472	805.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1835396	266.606	ug/l	99
52) Toluene	8.79	92	625410	46.614	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	342779	51.787	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379603	52.268	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	270671	49.287	ug/l	99
56) Ethyl methacrylate	9.18	69	410085	52.834	ug/l	95
57) 1,3-Dichloropropane	9.37	76	430066	48.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1093423	265.013	ug/l	99
59) 2-Hexanone	9.49	43	1369150	259.933	ug/l	99
60) Dibromochloromethane	9.59	129	271482	47.393	ug/l	97
61) 1,2-Dibromoethane	9.67	107	285406	48.889	ug/l	99
64) Tetrachloroethene	9.34	164	258306	43.372	ug/l	97
65) Chlorobenzene	10.14	112	743018	46.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	261962	52.768	ug/l	100
67) Ethyl Benzene	10.25	91	1206044	46.385	ug/l	98
68) m/p-Xylenes	10.36	106	946624	92.265	ug/l	98
69) o-Xylene	10.70	106	478046	47.185	ug/l	99
70) Styrene	10.71	104	779536	48.635	ug/l	99
71) Bromoform	10.86	173	202056	45.557	ug/l #	99
73) Isopropylbenzene	11.02	105	1210443	46.112	ug/l	99
74) N-amyl acetate	10.90	43	536874	57.139	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	404651	51.833	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	455938	63.939	ug/l	90
77) Bromobenzene	11.26	156	353743	49.846	ug/l	98
78) n-propylbenzene	11.36	91	1333720	46.139	ug/l	99
79) 2-Chlorotoluene	11.42	91	810345	46.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	971509	44.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110637	47.453	ug/l	100
82) 4-Chlorotoluene	11.51	91	949775	47.267	ug/l	100
83) tert-Butylbenzene	11.77	119	1002176	46.313	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1007189	44.288	ug/l	99
85) sec-Butylbenzene	11.94	105	1139610	42.954	ug/l	100
86) p-Isopropyltoluene	12.06	119	1036597	44.447	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	598027	46.757	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	603885	46.057	ug/l	99
89) n-Butylbenzene	12.38	91	870611	43.864	ug/l	99
90) Hexachloroethane	12.60	117	149971	41.675	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	590111	46.122	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79382	49.143	ug/l	98

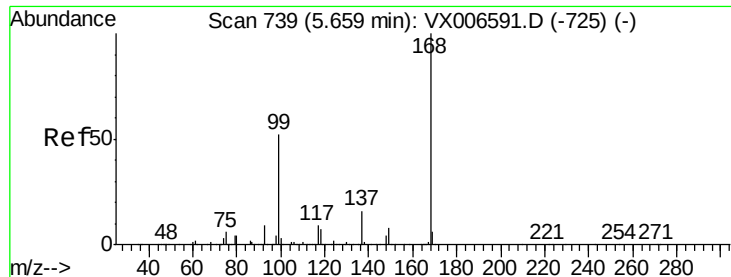
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122718\
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	382012	43.284	ug/l	99
94) Hexachlorobutadiene	13.78	225	166598	40.048	ug/l	99
95) Naphthalene	13.83	128	1181817	41.955	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	375297	41.185	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

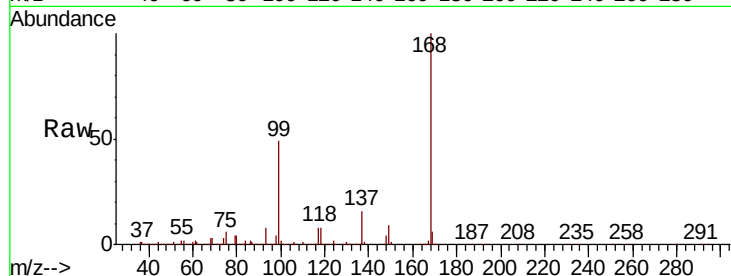
ClientSampled :

Tot Ion:168 Resp: 559900

Ion Ratio Lower Upper

168 100

99 48.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

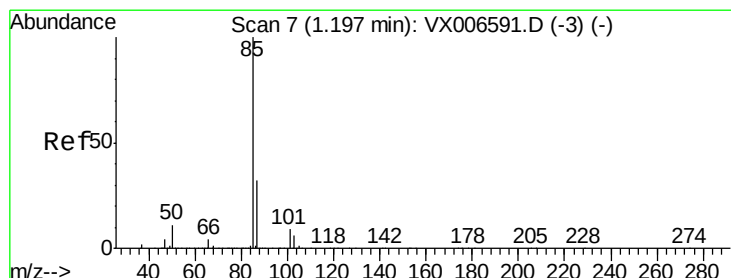
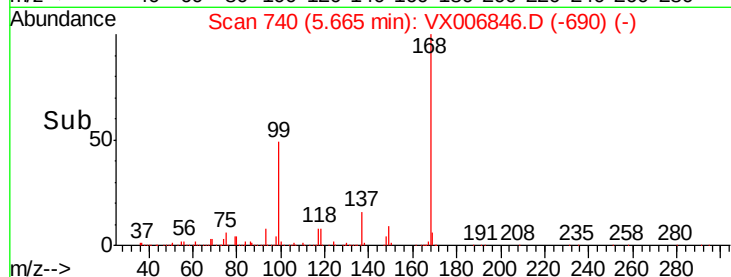
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 40.116 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006846.D

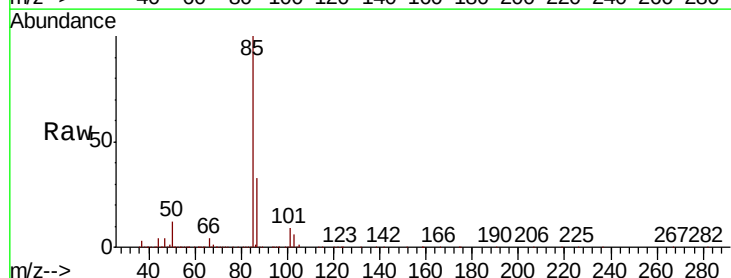
Acq: 27 Dec 2018 16:55

Tgt Ion: 85 Resp: 205479

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

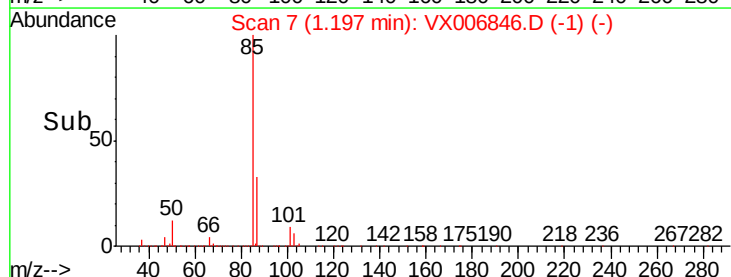
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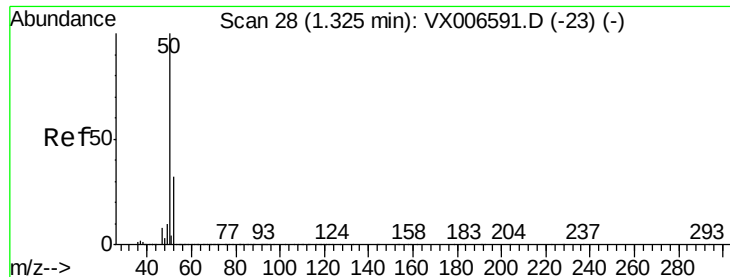
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.913 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

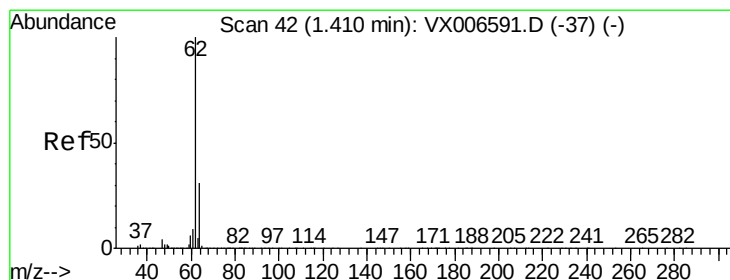
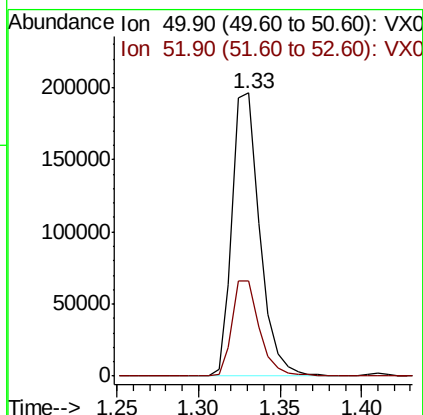
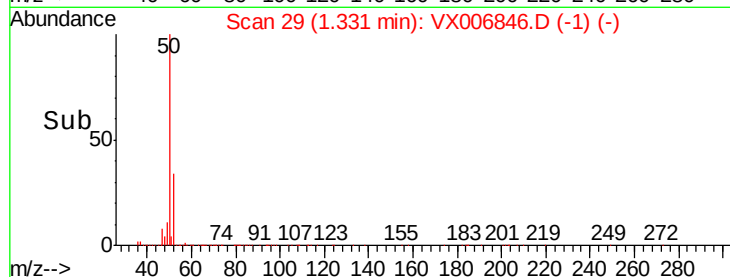
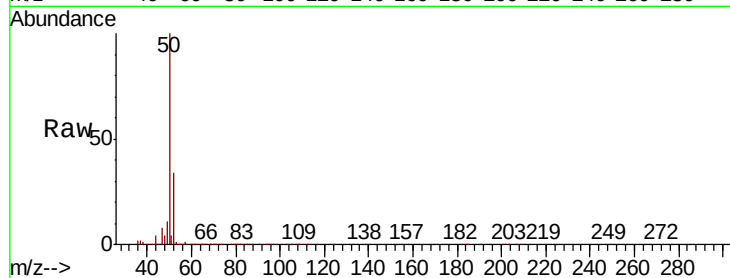
ClientSampleId :

Tot Ion: 50 Resp: 231291

Ion Ratio Lower Upper

50 100

52 33.8 25.4 38.2



#4

Vinyl Chloride

Concen: 43.579 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006846.D

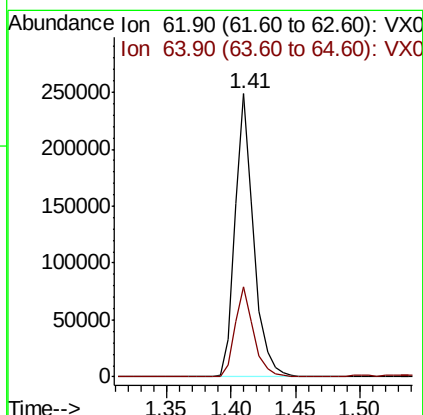
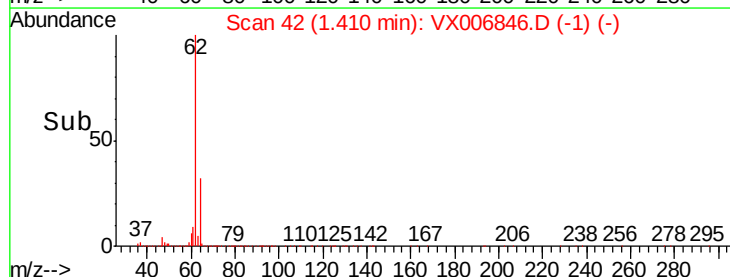
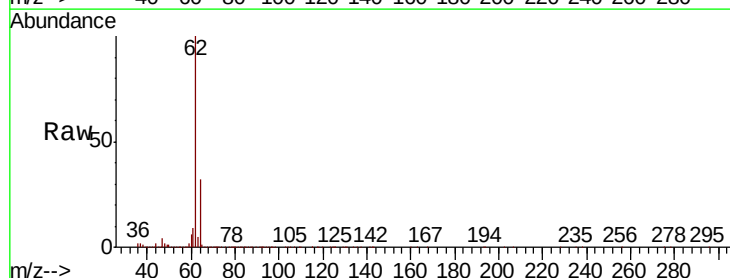
Acq: 27 Dec 2018 16:55

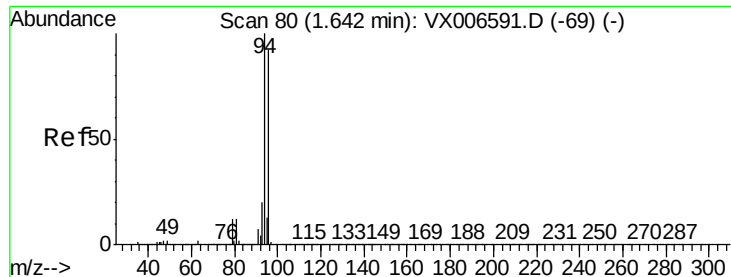
Tgt Ion: 62 Resp: 251161

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 41.232 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

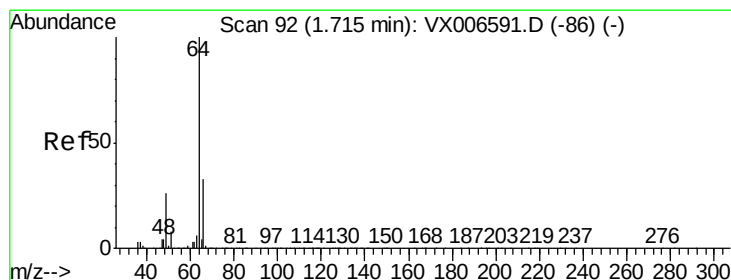
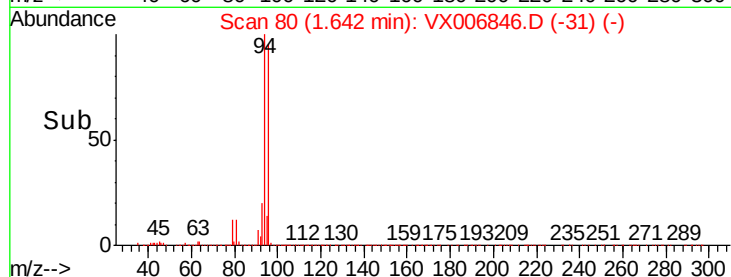
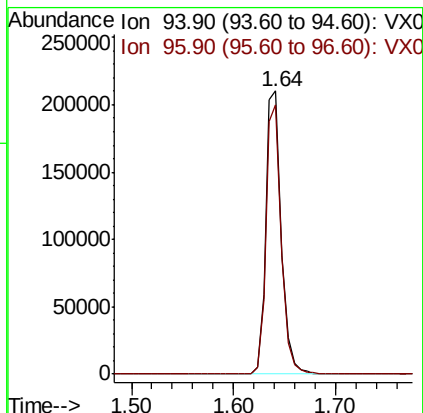
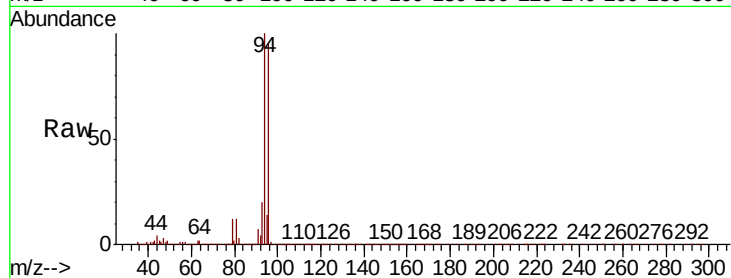
ClientSampleId :

Tot Ion: 94 Resp: 223567

Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.2



#6

Chloroethane

Concen: 41.825 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006846.D

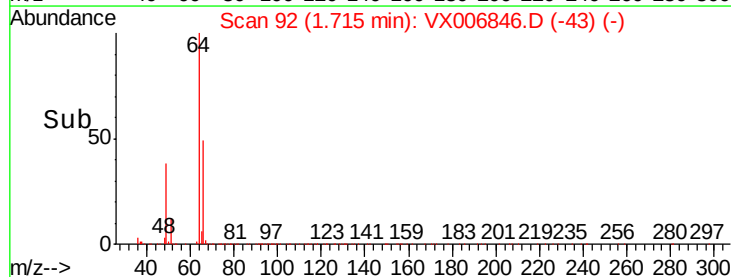
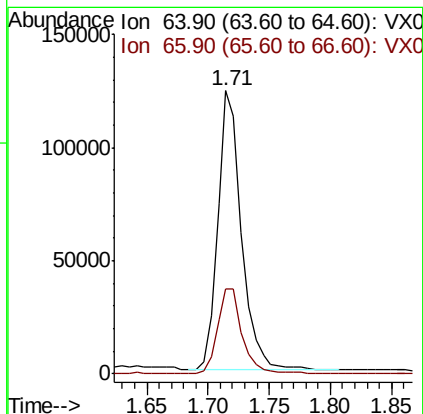
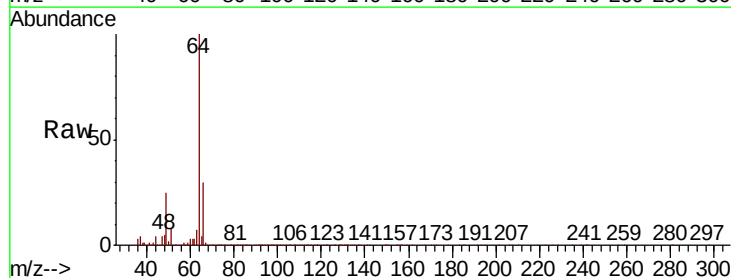
Acq: 27 Dec 2018 16:55

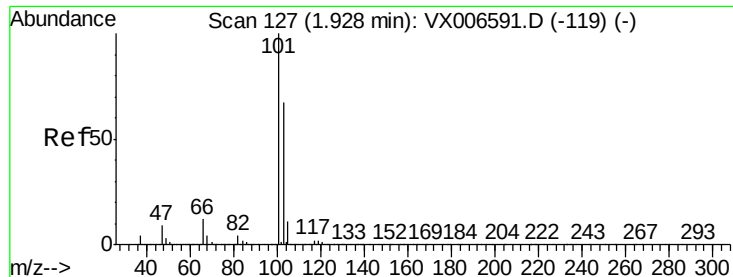
Tgt Ion: 64 Resp: 166909

Ion Ratio Lower Upper

64 100

66 30.4 26.4 39.6



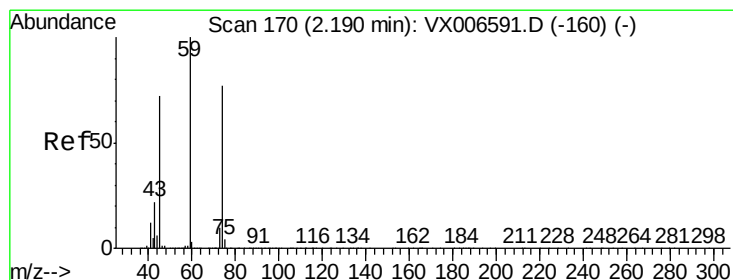
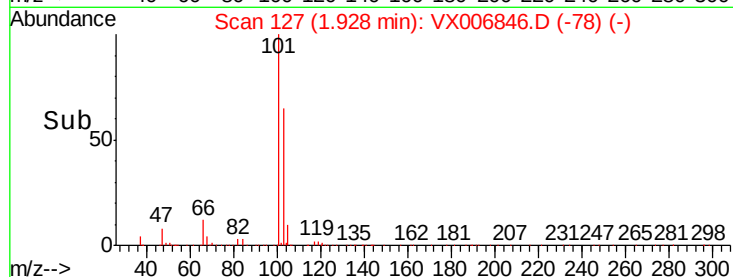
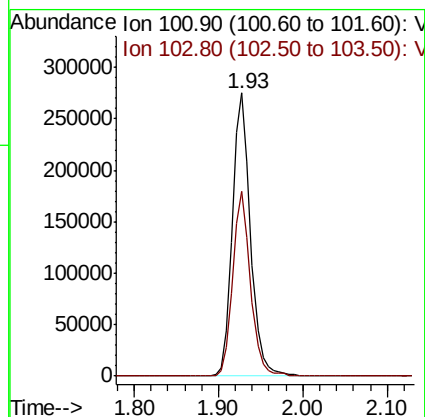
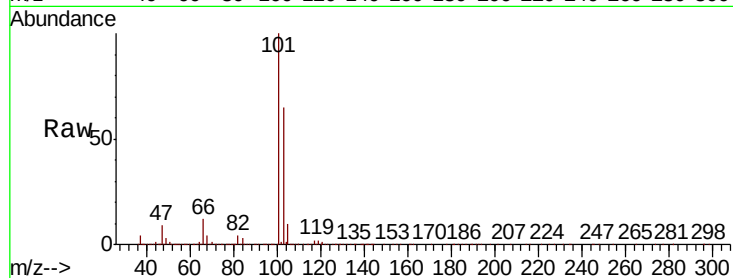


#7

Trichlorofluoromethane
Concen: 44.874 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampled :

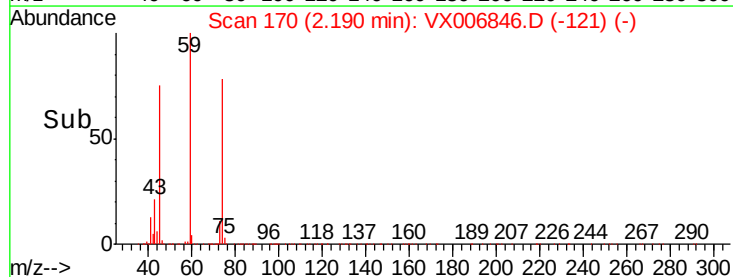
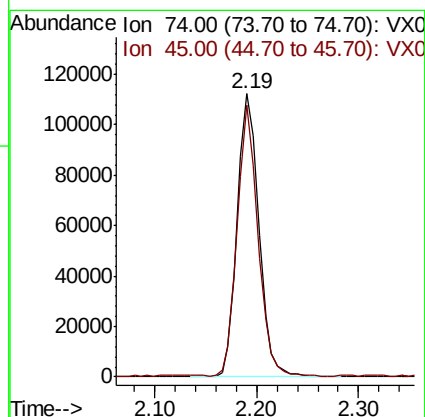
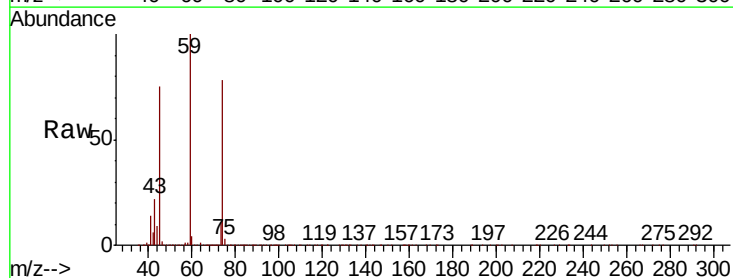
Tot Ion:101 Resp: 403217
Ion Ratio Lower Upper
101 100
103 65.4 53.2 79.8

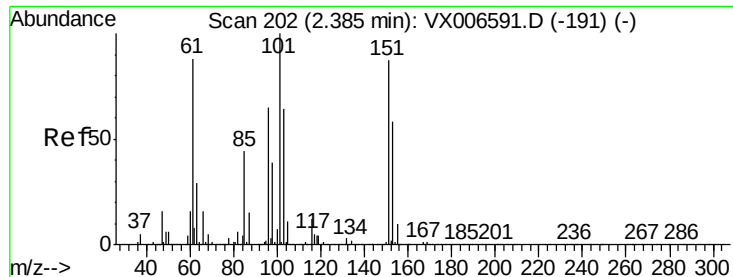


#8

Diethyl Ether
Concen: 46.010 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 74 Resp: 164207
Ion Ratio Lower Upper
74 100
45 92.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.172 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

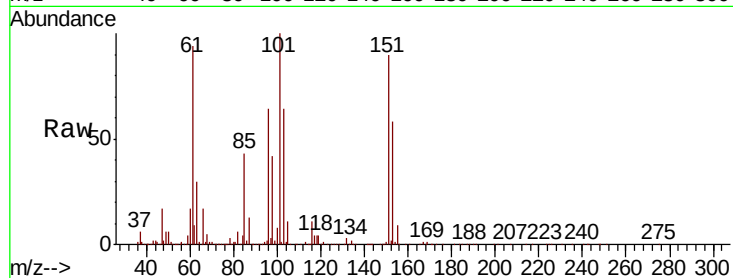
Tot Ion:101 Resp: 238323

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

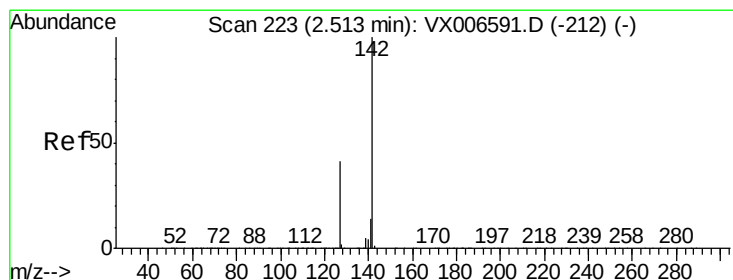
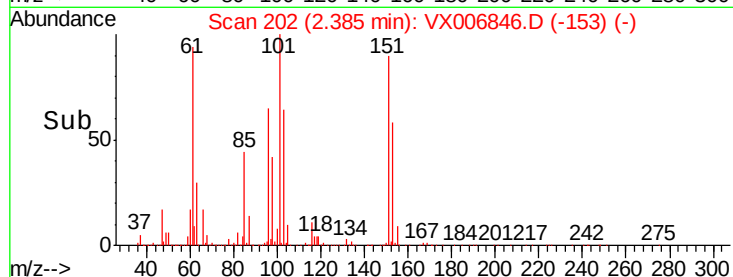
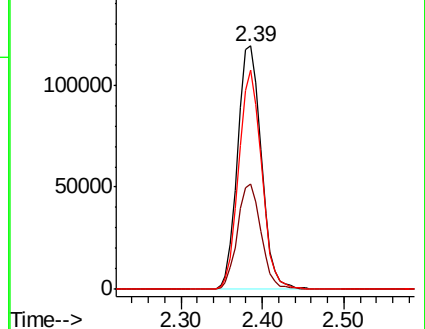
151 86.9 68.9 103.3



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: 46.833 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

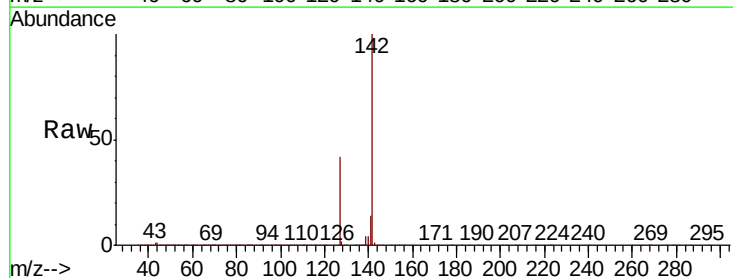
Tgt Ion:142 Resp: 353687

Ion Ratio Lower Upper

142 100

127 42.1 33.9 50.9

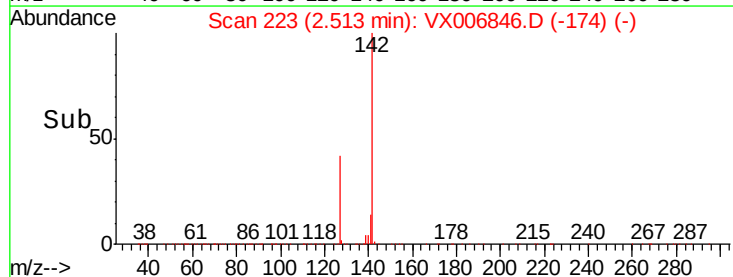
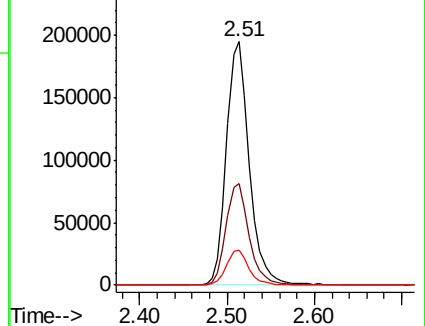
141 14.1 11.4 17.0

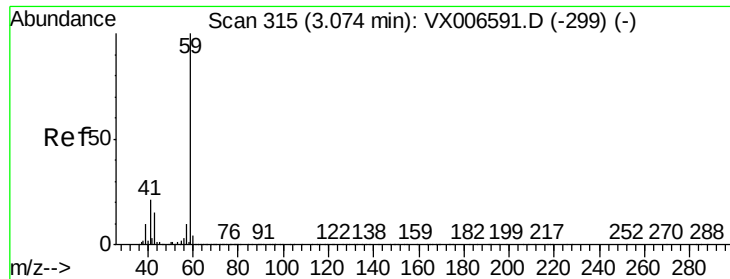


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

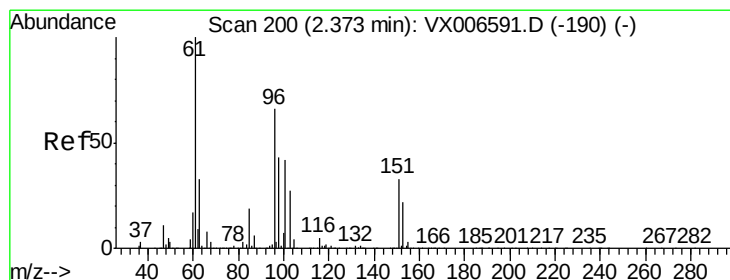
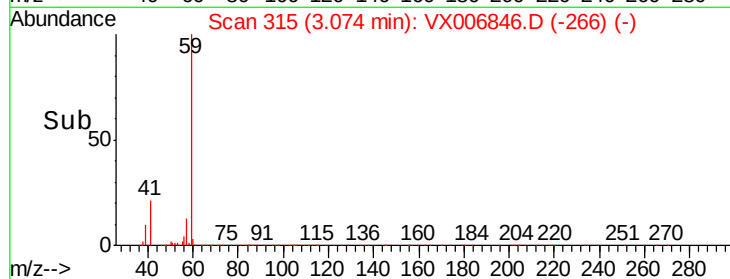
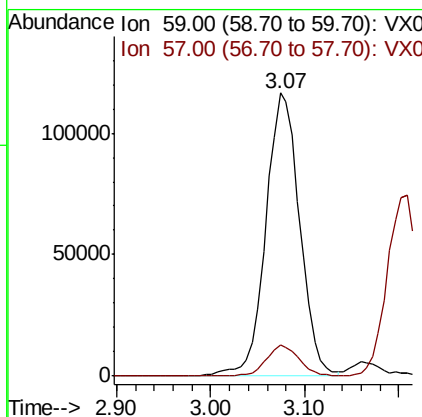
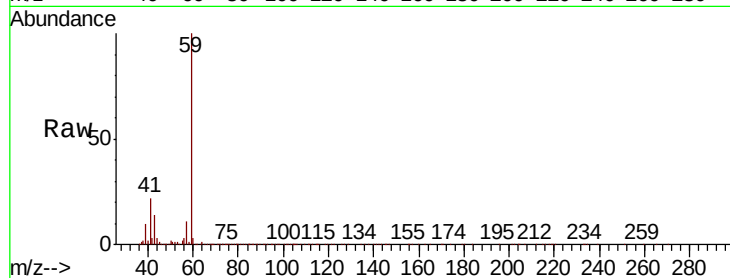




#11
Tert butyl alcohol
Concen: 217.103 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

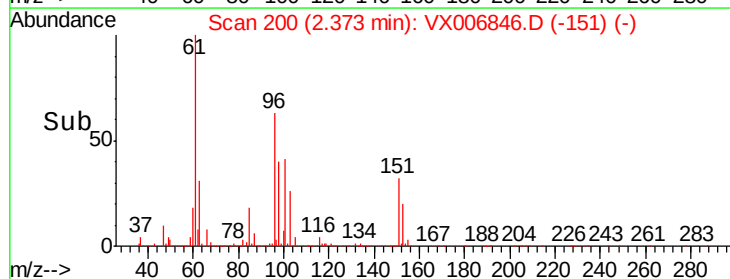
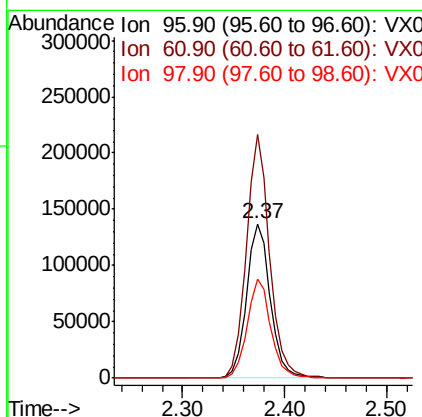
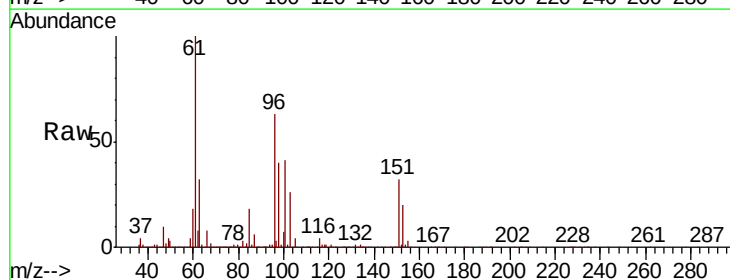
Instrument :
MSVOA_X
ClientSampled :

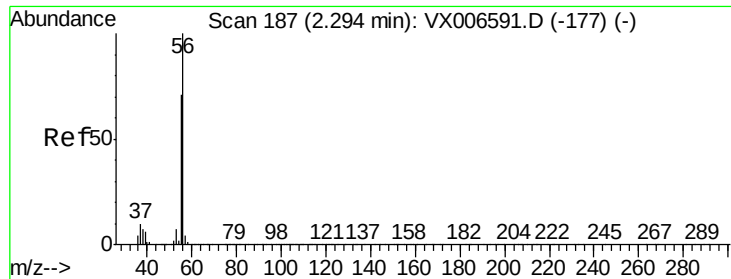
Tot Ion: 59 Resp: 292374
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 44.467 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 96 Resp: 222447
Ion Ratio Lower Upper
96 100
61 157.7 121.4 182.2
98 63.6 51.9 77.9





#13

Acrolein

Concen: 245.414 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

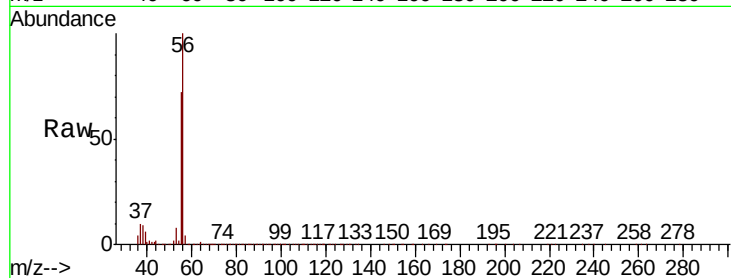
ClientSampleId :

Tot Ion: 56 Resp: 222958

Ion Ratio Lower Upper

56 100

55 72.6 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

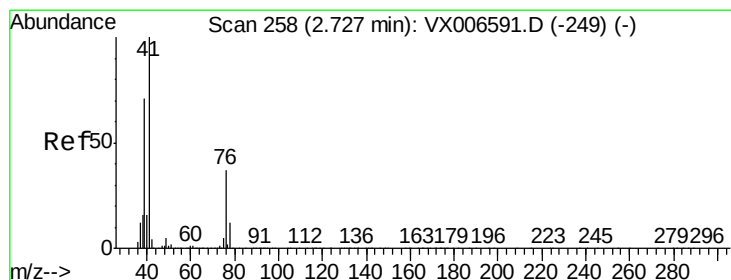
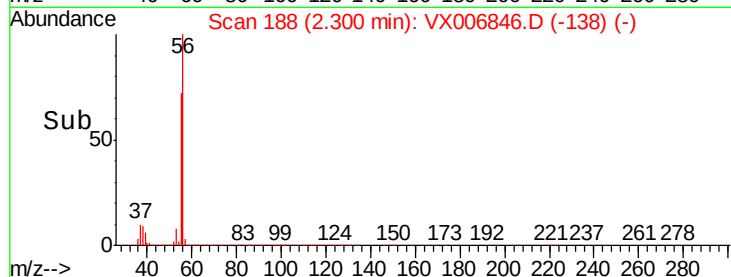
150000

100000

50000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 47.078 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

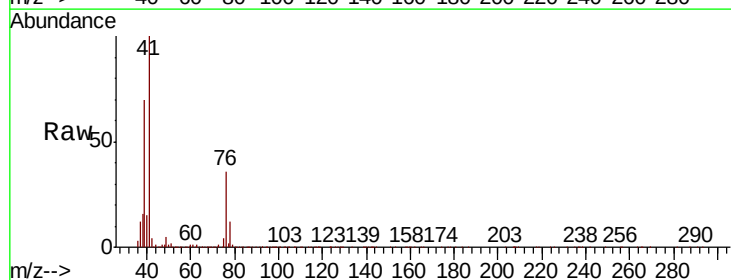
Tgt Ion: 41 Resp: 396416

Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 33.1 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

250000

200000

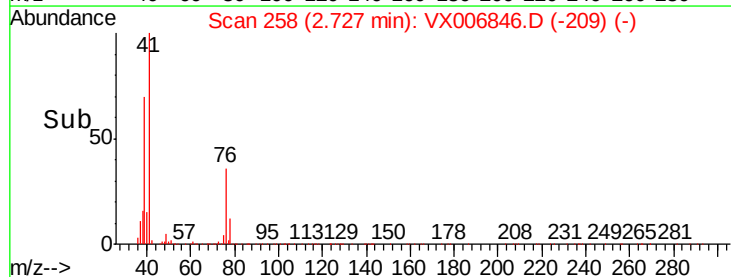
150000

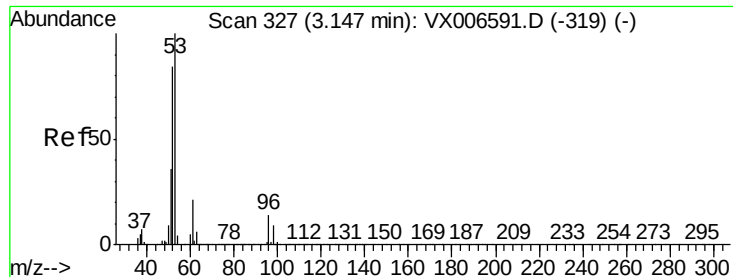
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 245.143 ug/l

RT: 3.15 min Scan# 328

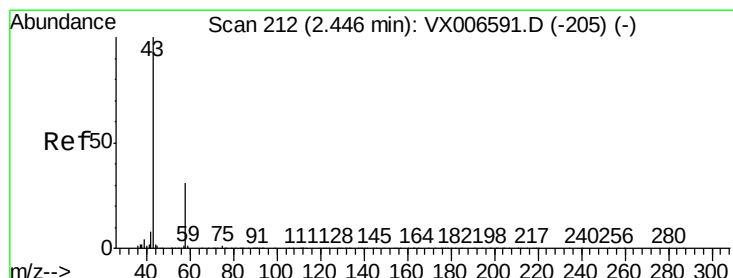
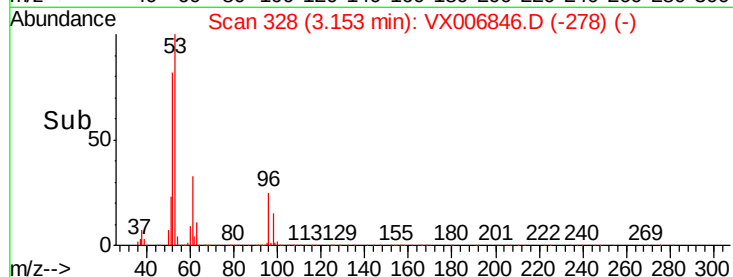
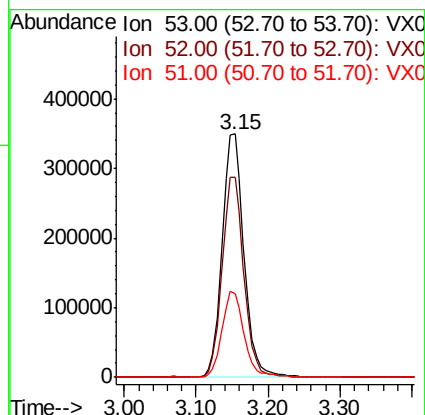
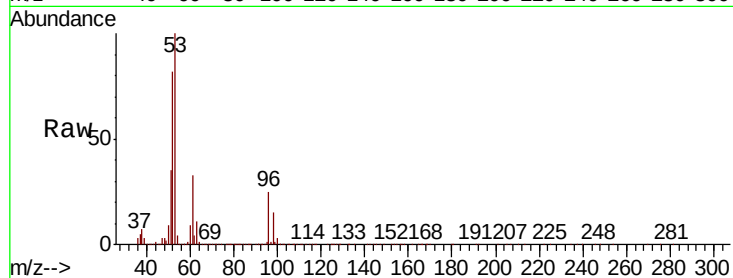
Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	733002
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	35.6	28.6	42.8



#16

Acetone

Concen: 219.901 ug/l

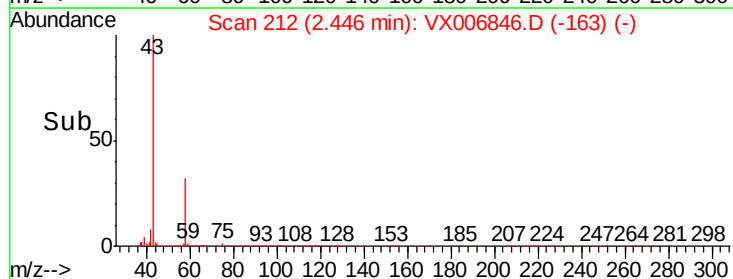
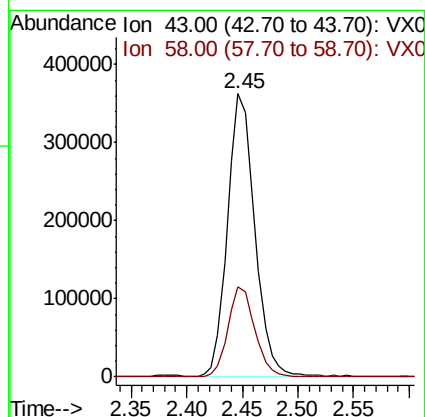
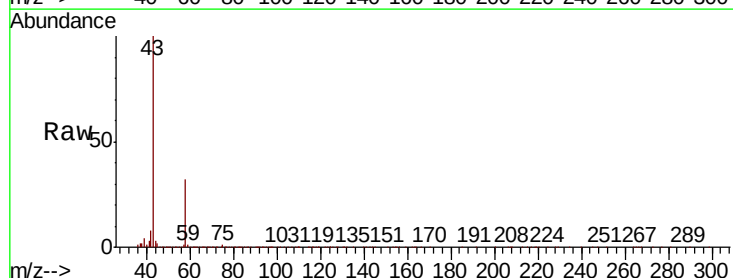
RT: 2.45 min Scan# 212

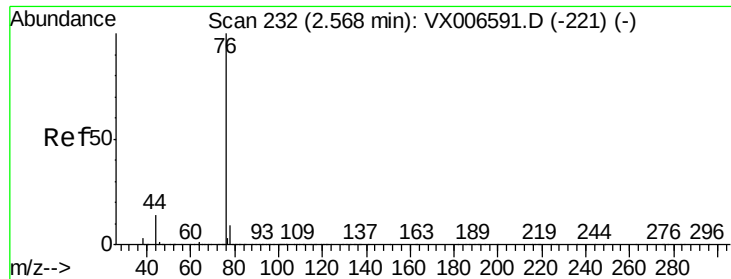
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion:	43	Resp:	609647
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.0	37.6





#17

Carbon Disulfide

Concen: 36.716 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

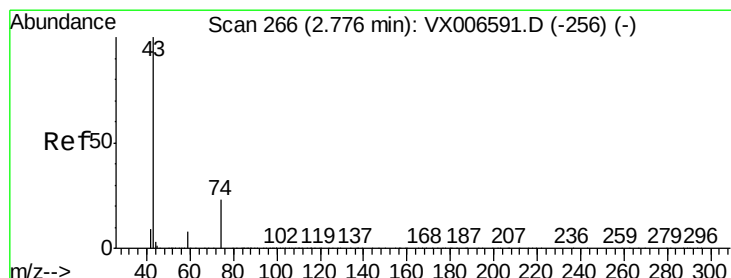
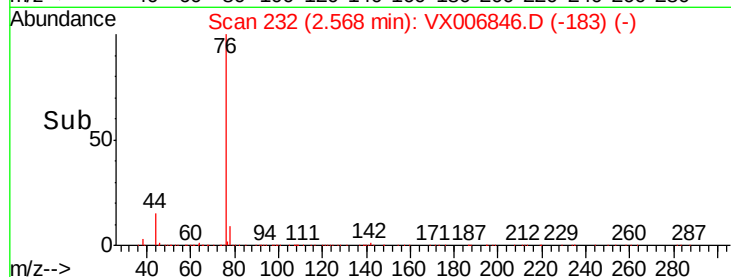
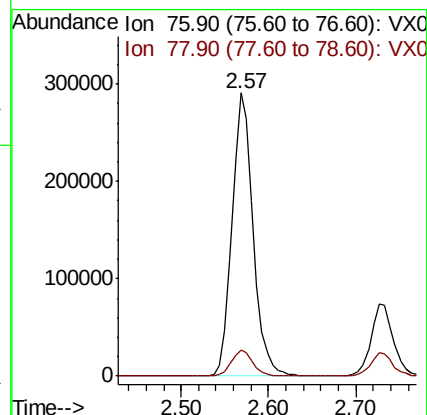
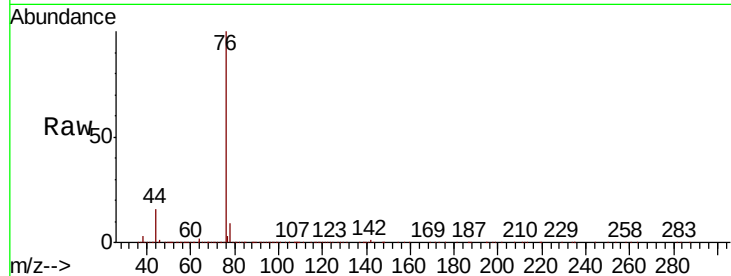
ClientSampleId :

Tot Ion: 76 Resp: 486067

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 54.994 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006846.D

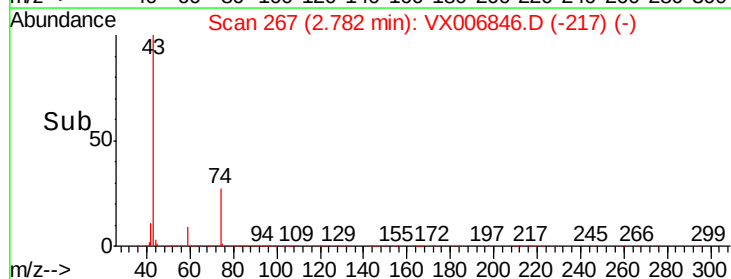
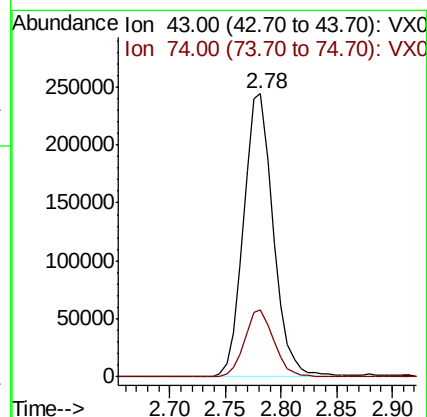
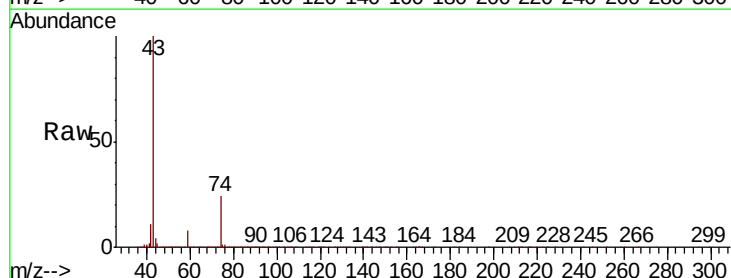
Acq: 27 Dec 2018 16:55

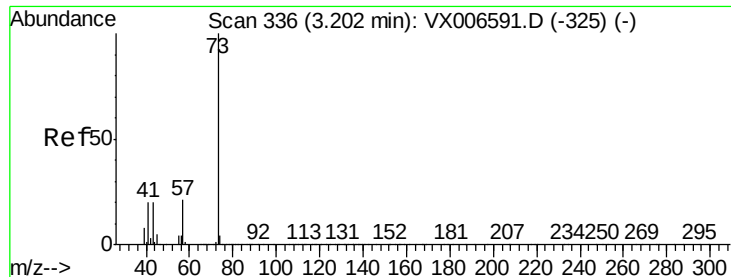
Tgt Ion: 43 Resp: 448317

Ion Ratio Lower Upper

43 100

74 23.9 18.6 28.0



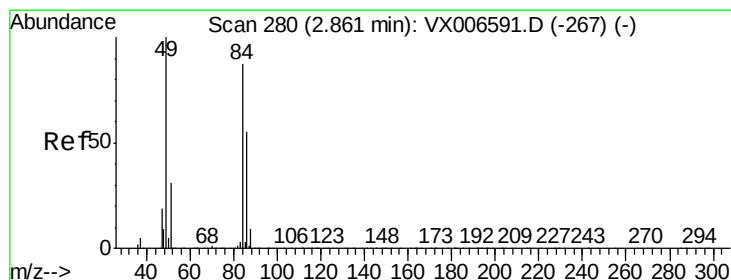
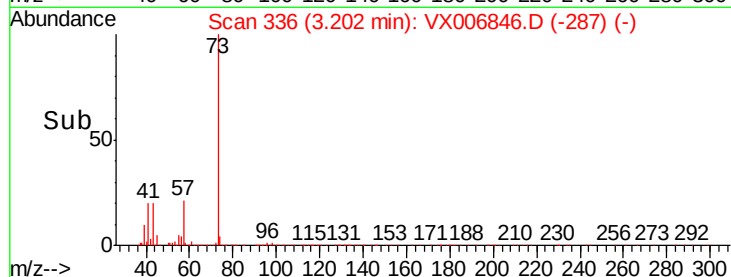
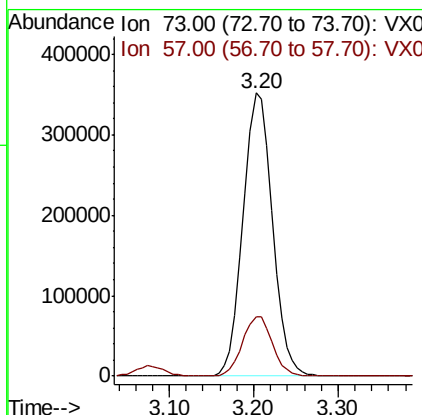
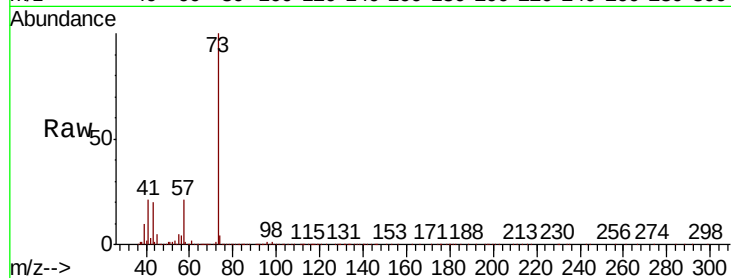


#19

Methyl tert-butyl Ether
 Concen: 50.028 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Instrument :
 MSVOA_X
 ClientSampleId :

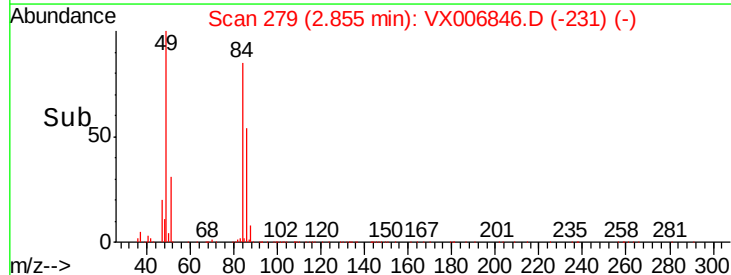
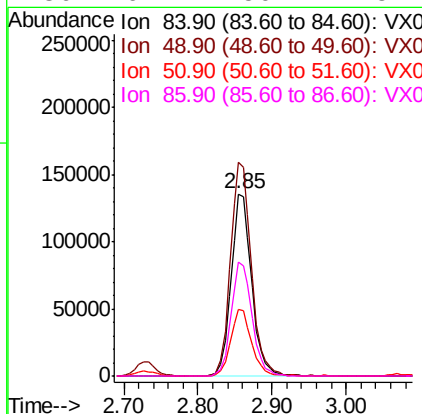
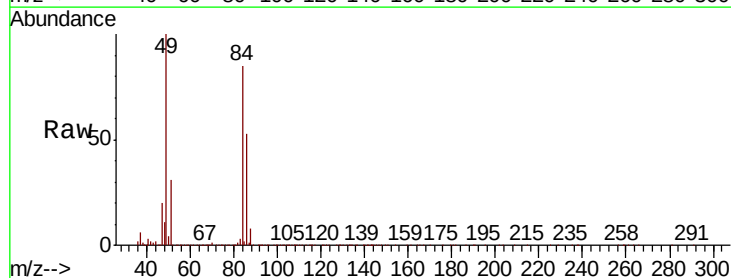
Tot Ion: 73 Resp: 830640
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.8 25.2

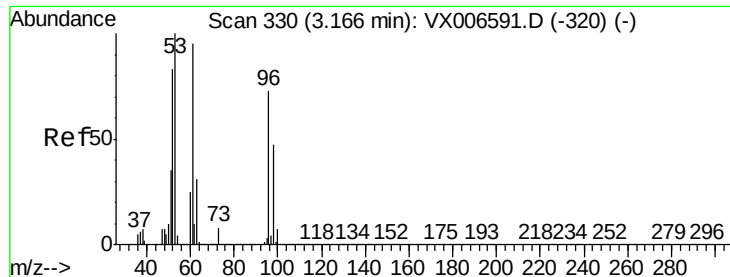


#20

Methylene Chloride
 Concen: 45.288 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion: 84 Resp: 259626
 Ion Ratio Lower Upper
 84 100
 49 117.2 91.8 137.6
 51 36.5 28.5 42.7
 86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 42.716 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

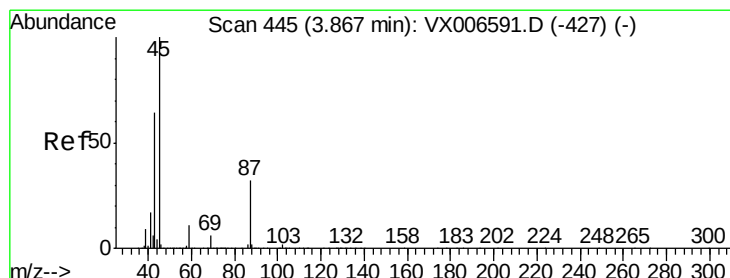
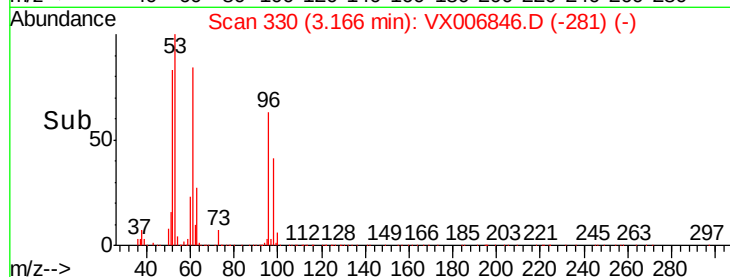
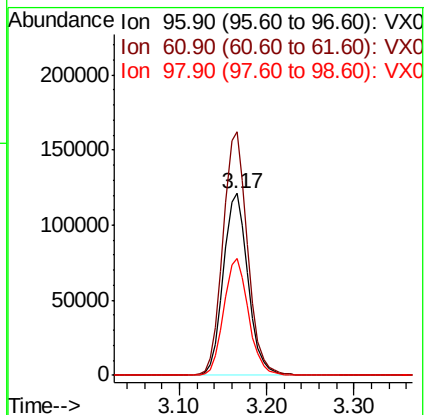
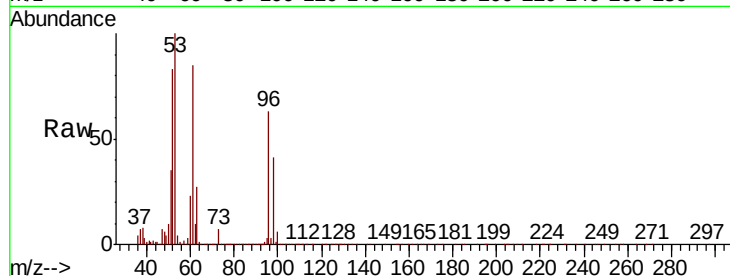
Tot Ion: 96 Resp: 236770

Ion Ratio Lower Upper

96 100

61 134.0 103.7 155.5

98 64.5 51.0 76.6



#22

Diisopropyl ether

Concen: 49.172 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion: 45 Resp: 757480

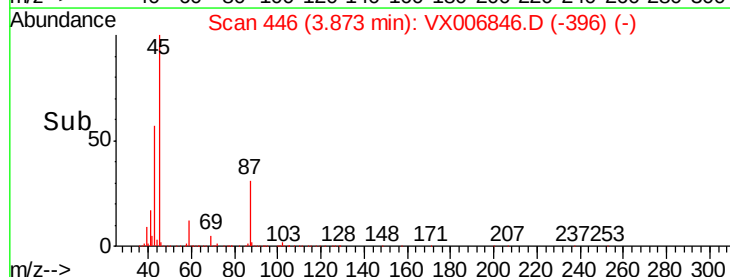
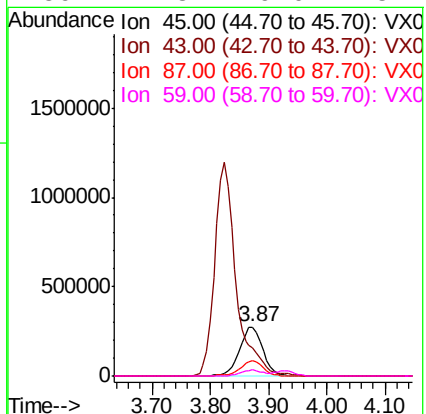
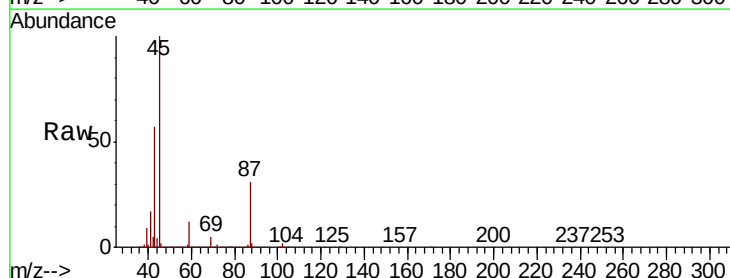
Ion Ratio Lower Upper

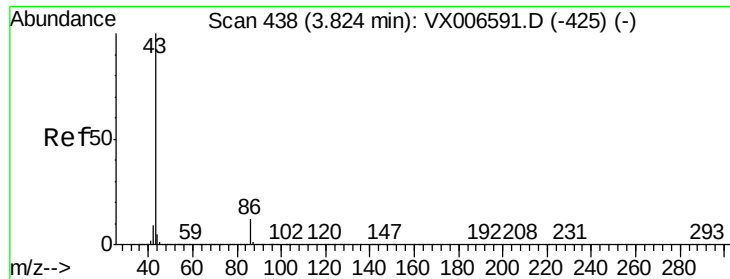
45 100

43 57.4 51.2 76.8

87 30.7 25.8 38.6

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 242.642 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

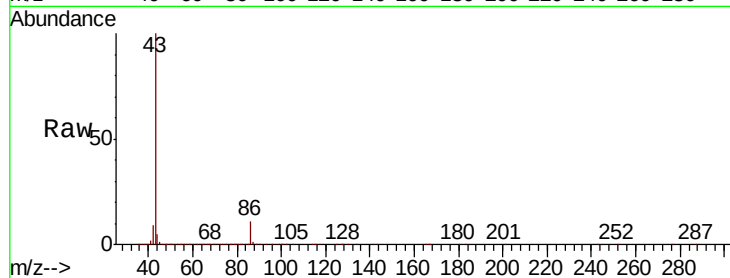
ClientSampled :

Tot Ion: 43 Resp: 3057435

Ion Ratio Lower Upper

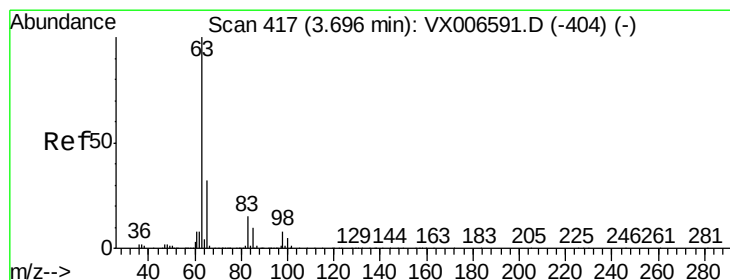
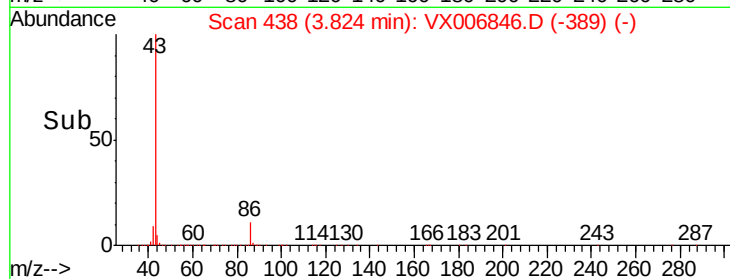
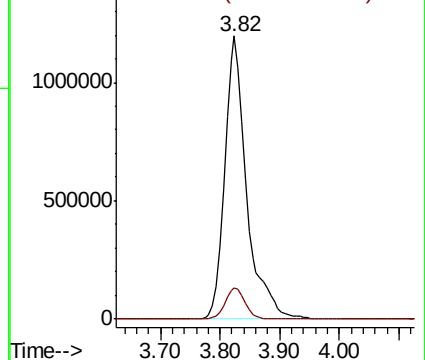
43 100

86 11.1 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: 45.133 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

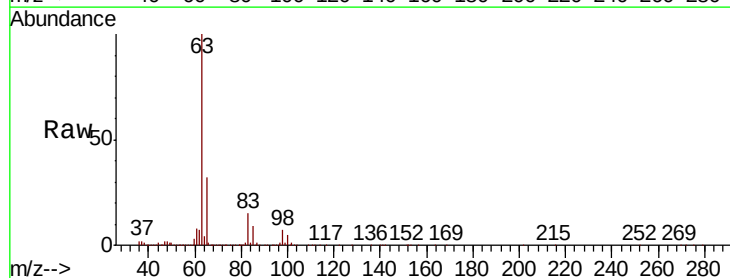
Tgt Ion: 63 Resp: 415041

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

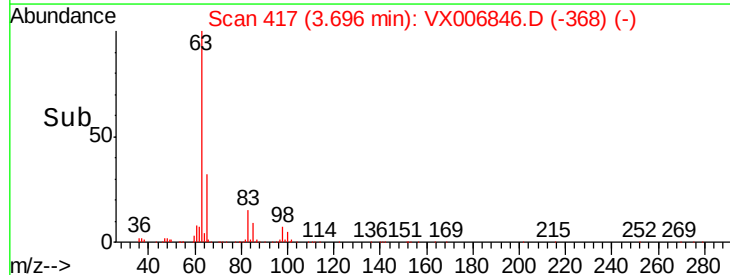
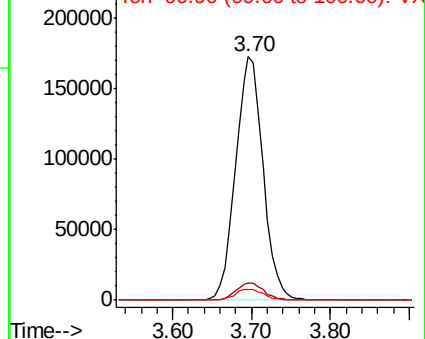
100 4.6 2.4 7.2

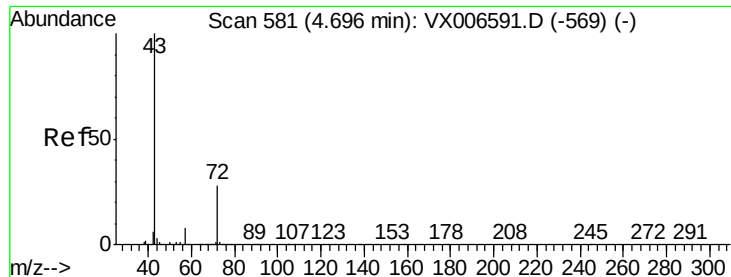


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

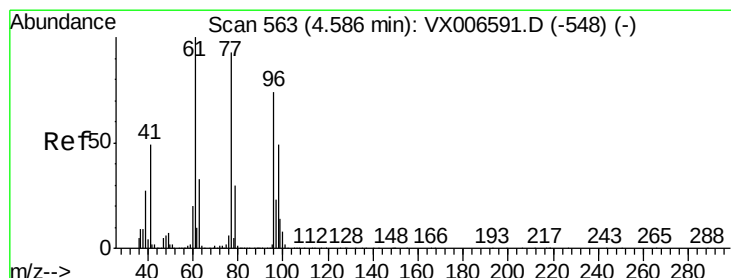
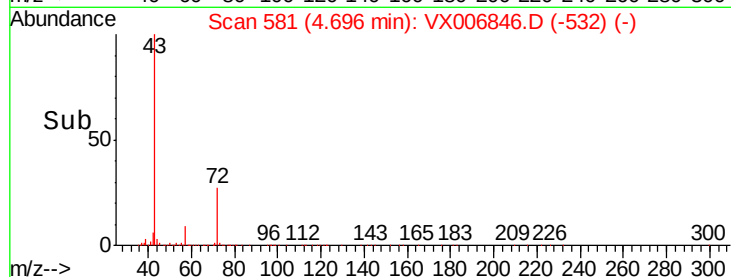
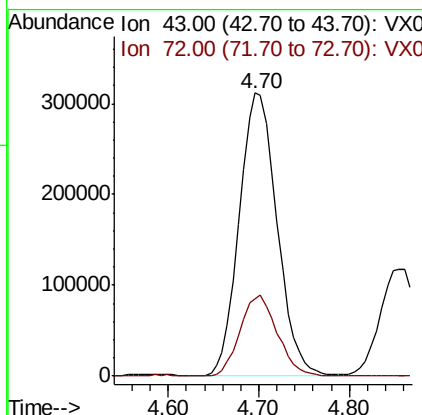
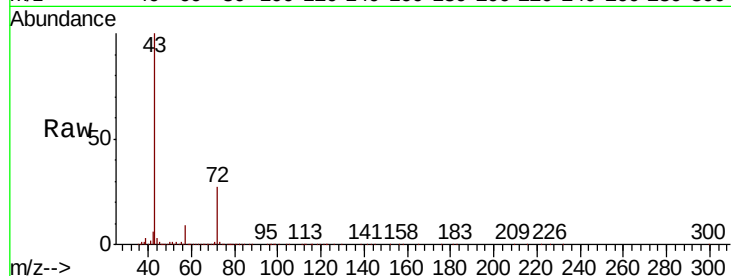




#25
2-Butanone
Concen: 231.077 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

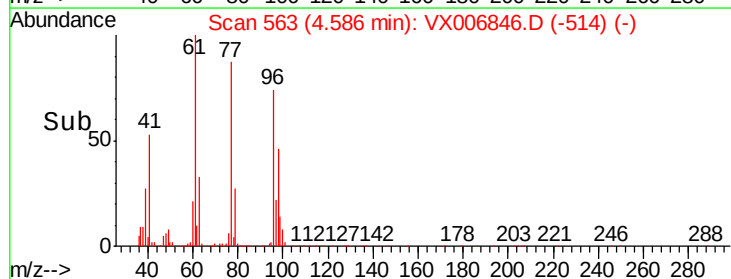
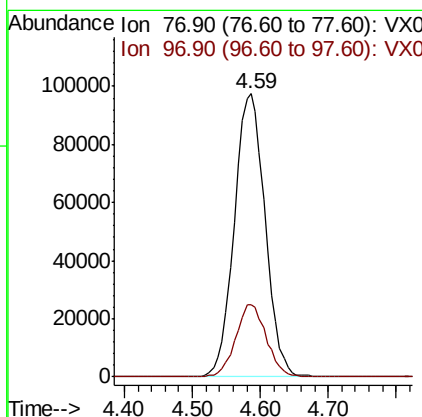
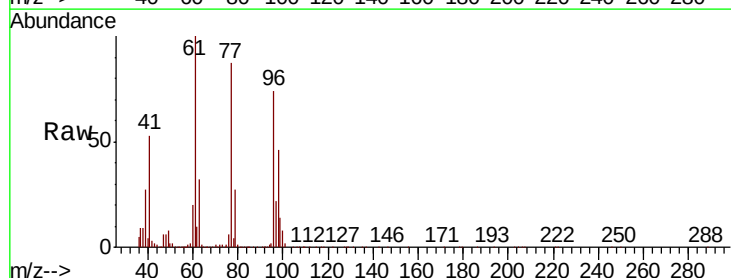
Instrument :
MSVOA_X
ClientSampleId :

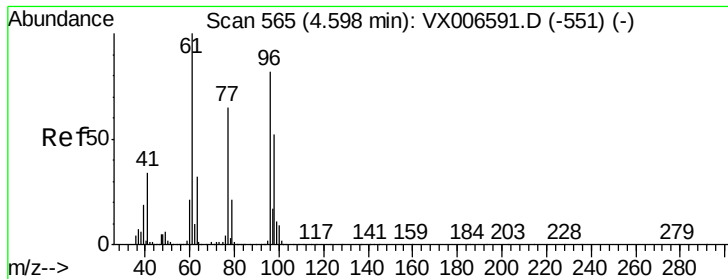
Tot Ion: 43 Resp: 901128
Ion Ratio Lower Upper
43 100
72 27.2 22.4 33.6



#26
2,2-Dichloropropane
Concen: 43.165 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 77 Resp: 306621
Ion Ratio Lower Upper
77 100
97 25.4 12.4 37.4



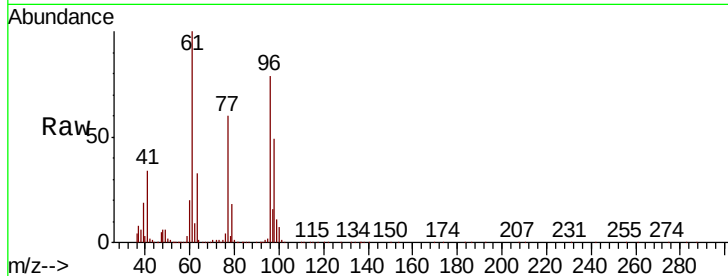


#27

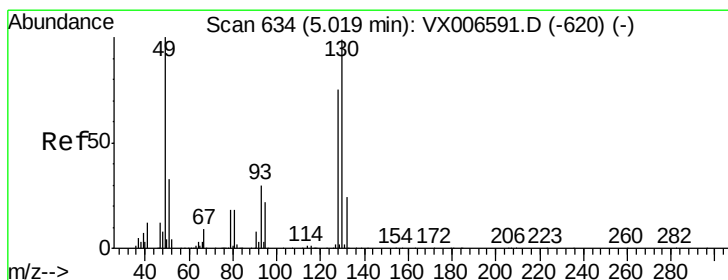
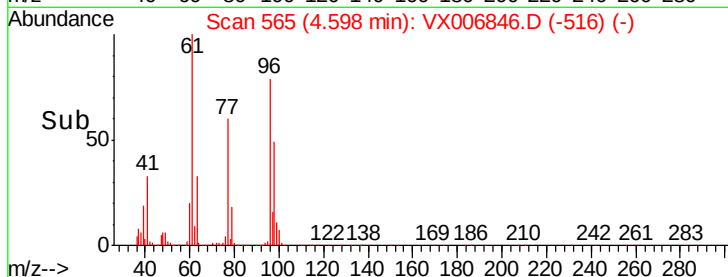
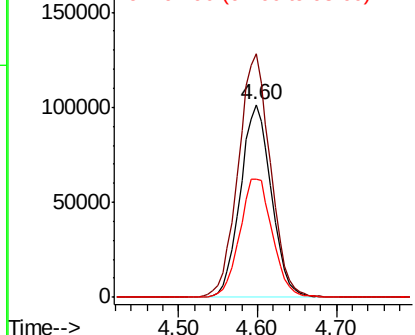
cis-1,2-Dichloroethene
 Concen: 45.397 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	258.6
98	64.5	0.0	132.0



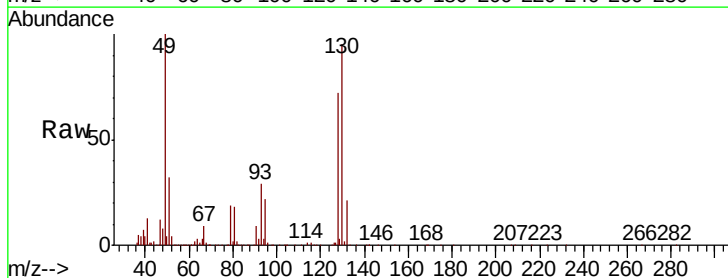
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



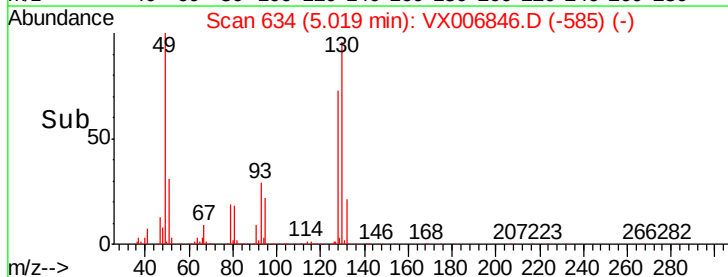
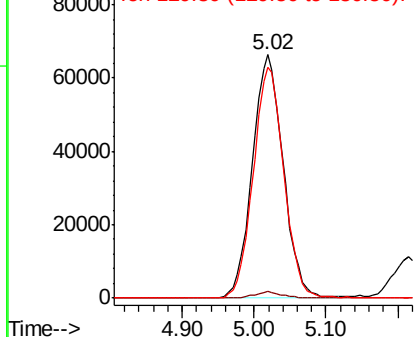
#28

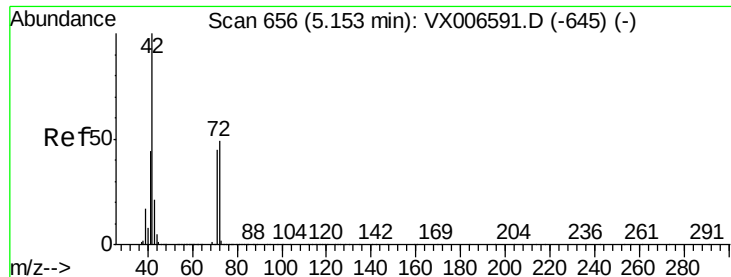
Bromochloromethane
 Concen: 50.929 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	93.9	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: 234.383 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

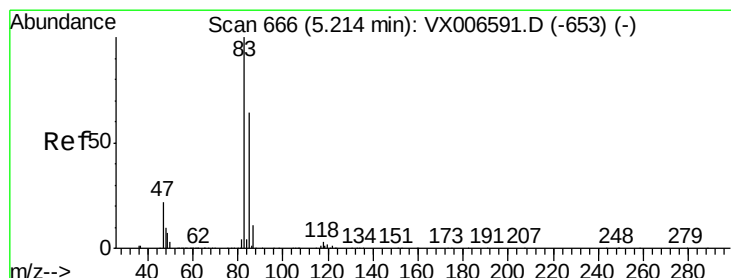
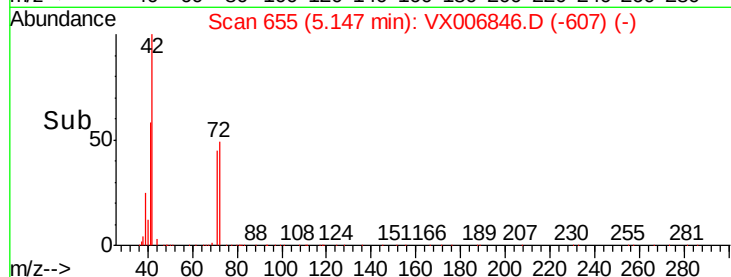
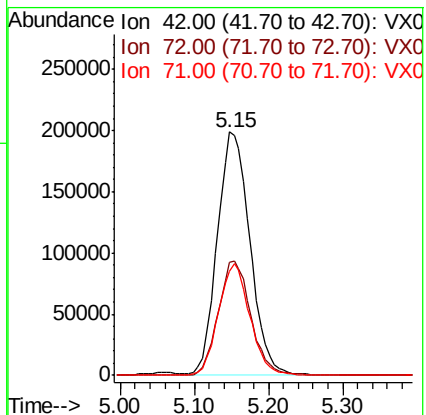
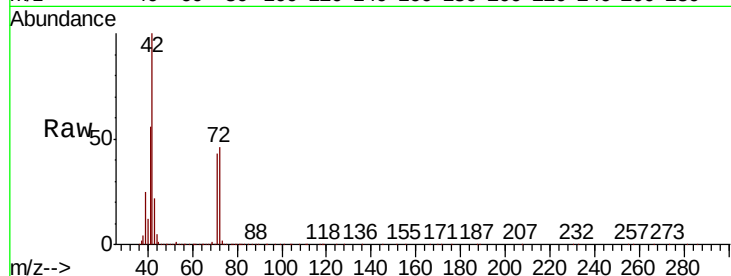
Tot Ion: 42 Resp: 602003

Ion Ratio Lower Upper

42 100

72 47.2 38.9 58.3

71 44.6 36.2 54.4



#30

Chloroform

Concen: 46.161 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006846.D

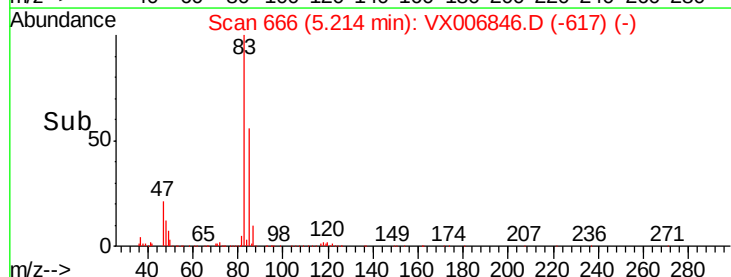
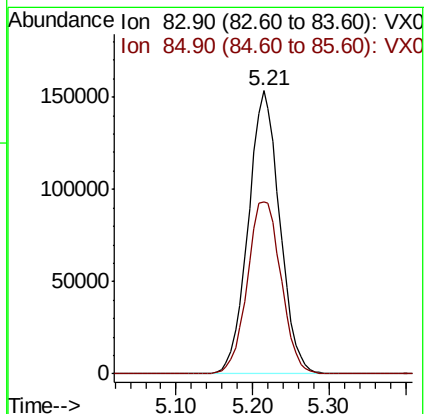
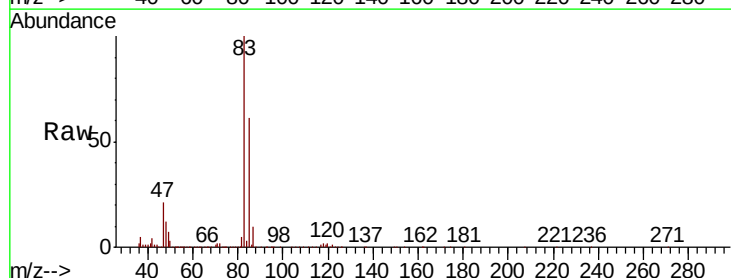
Acq: 27 Dec 2018 16:55

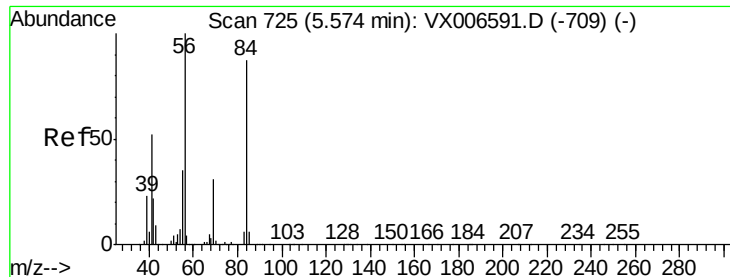
Tgt Ion: 83 Resp: 439582

Ion Ratio Lower Upper

83 100

85 60.5 51.2 76.8

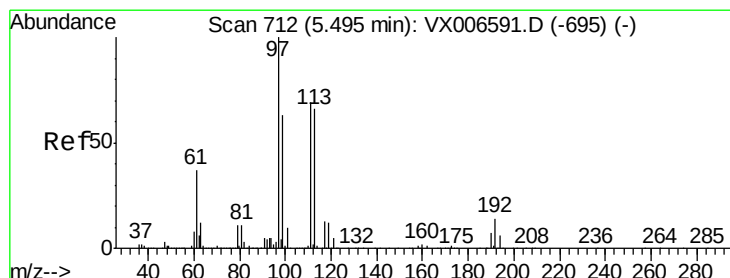
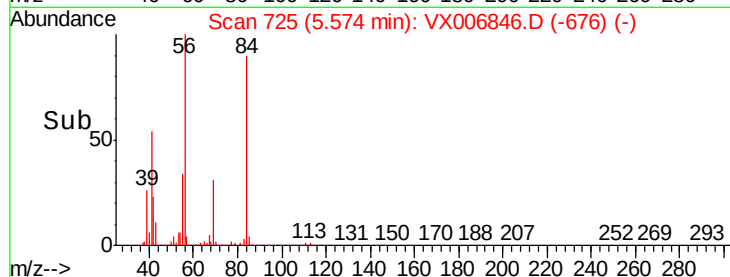
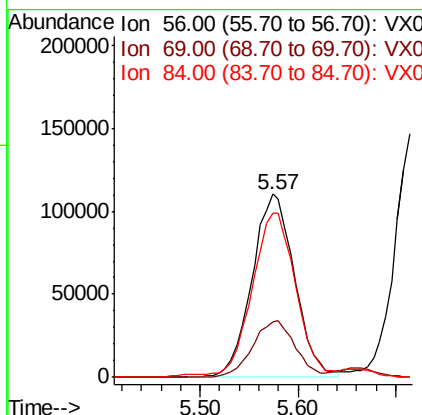
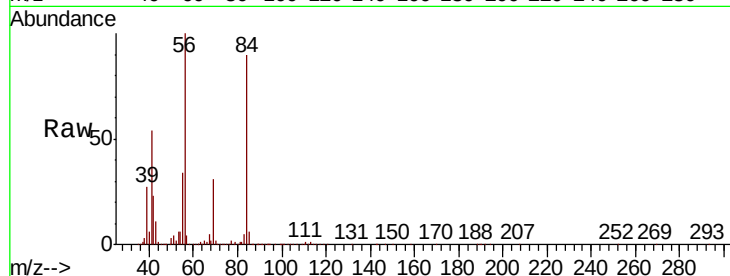




#31
Cyclohexane
Concen: 39.744 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

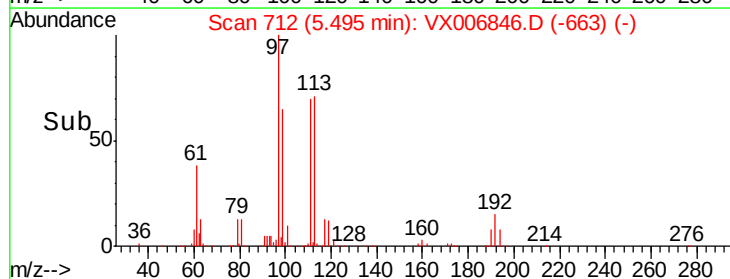
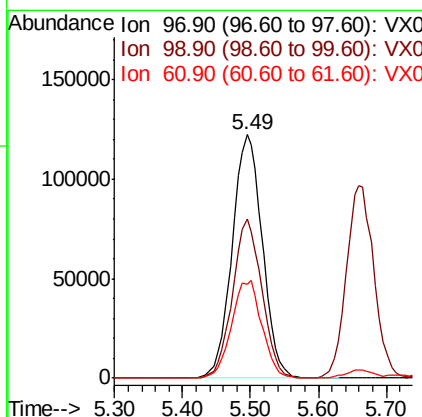
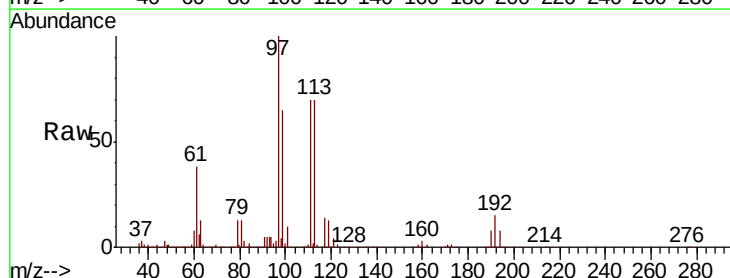
Instrument :
MSVOA_X
ClientSampleId :

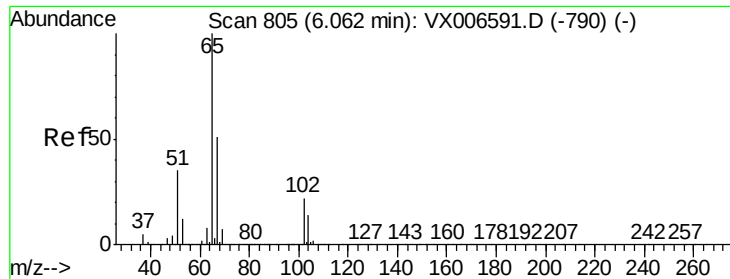
Tot Ion: 56 Resp: 332032
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 88.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 46.732 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 97 Resp: 375768
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 40.5 31.3 46.9

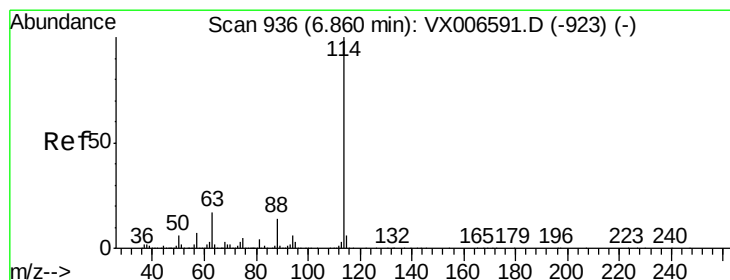
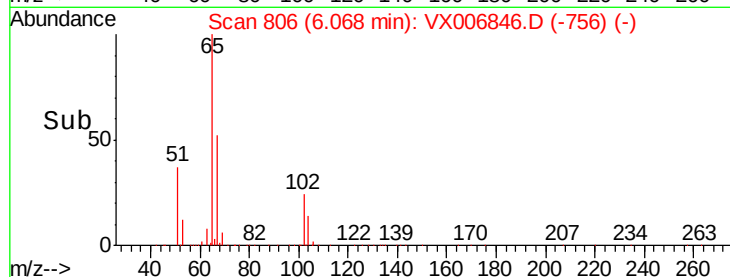
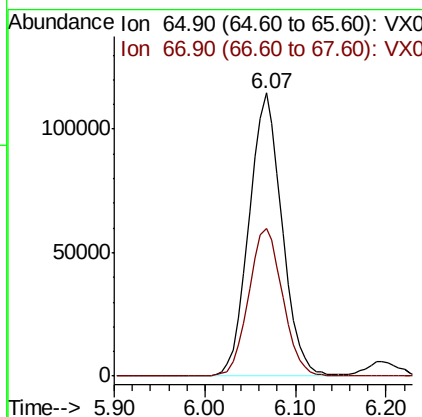
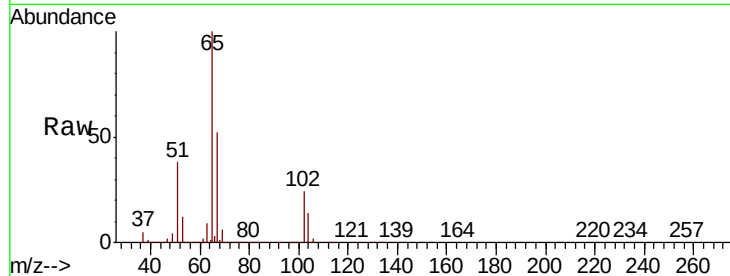




#33
 1,2-Dichloroethane-d4
 Concen: 47.675 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

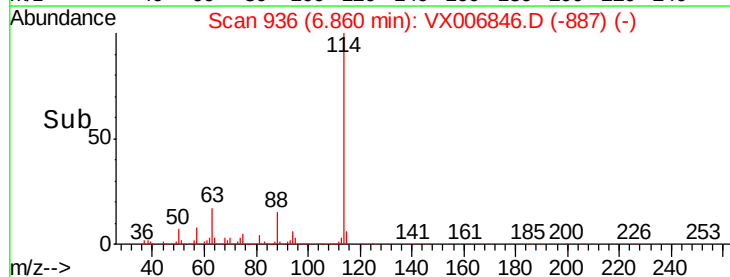
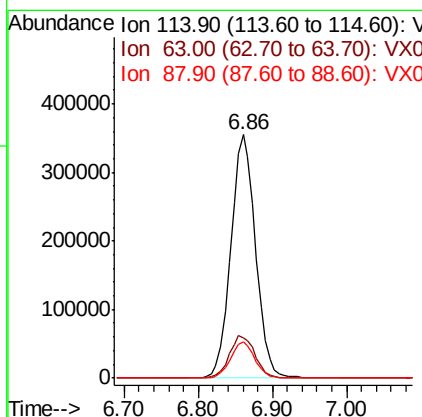
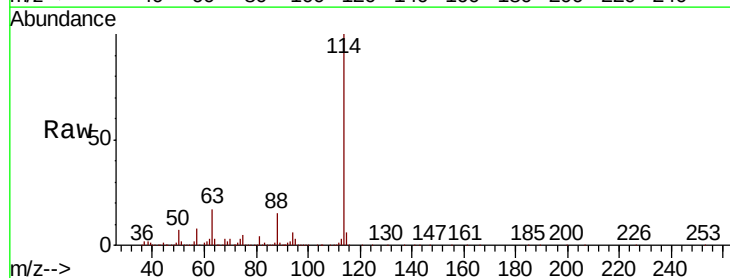
Instrument :
 MSVOA_X
 ClientSampleId :

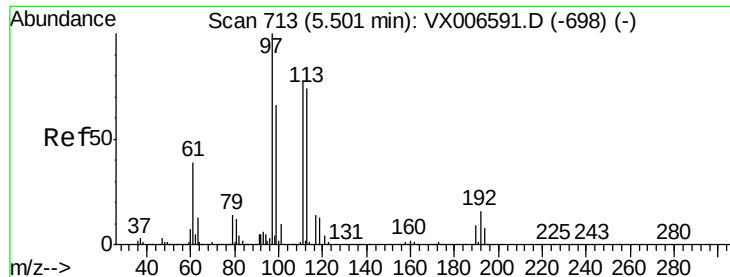
Tot Ion: 65 Resp: 287685
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion: 114 Resp: 824913
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.707 ug/l

RT: 5.50 min Scan# 713

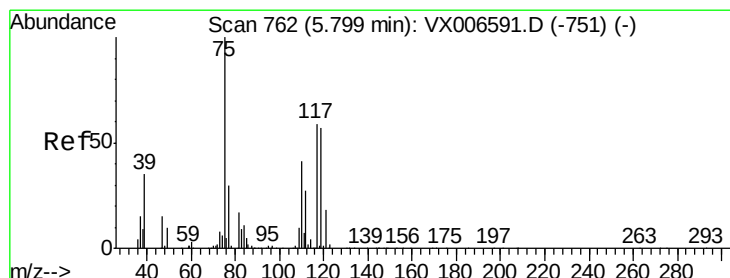
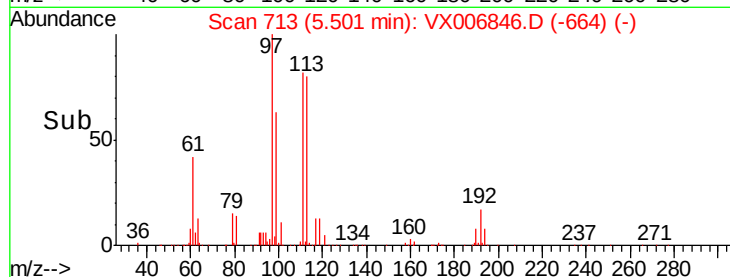
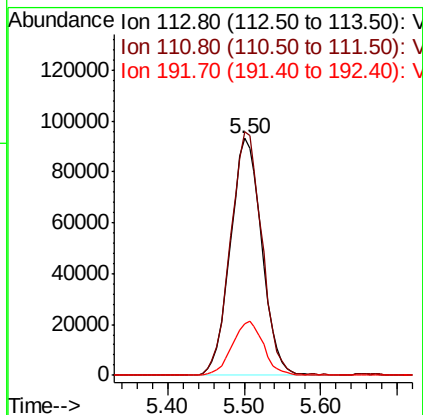
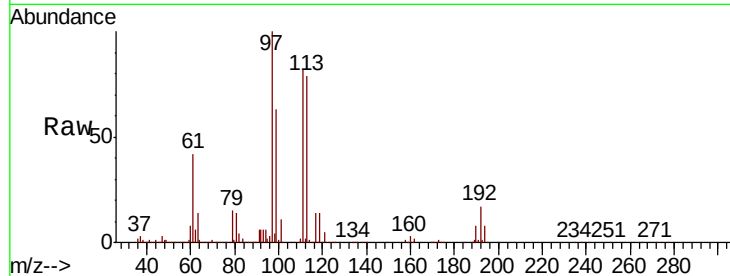
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	264520
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.6	122.4
192	22.8	16.7	25.1



#36

1,1-Dichloropropene

Concen: 44.952 ug/l

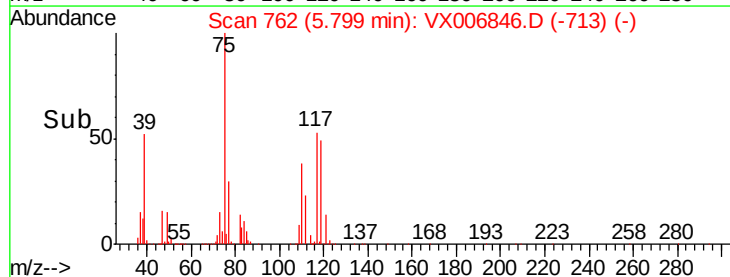
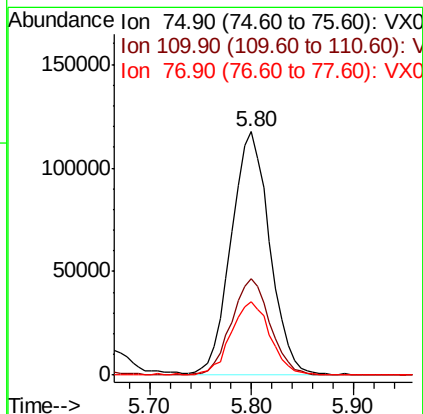
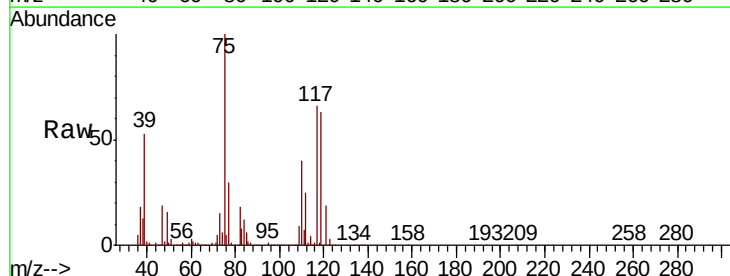
RT: 5.80 min Scan# 762

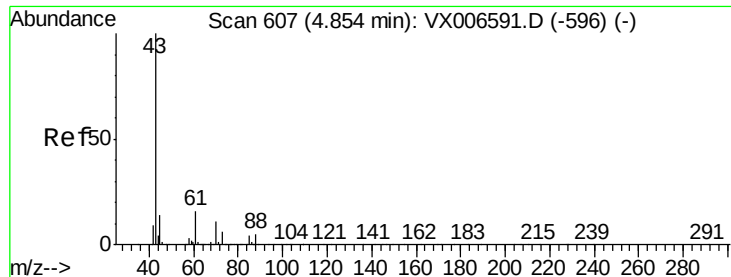
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion:	75	Resp:	307118
Ion	Ratio	Lower	Upper
75	100		
110	40.0	20.2	60.5
77	30.4	24.8	37.2

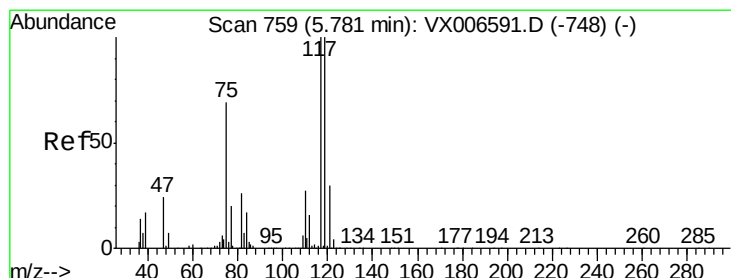
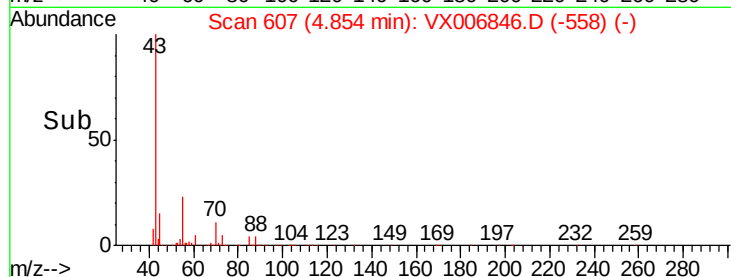
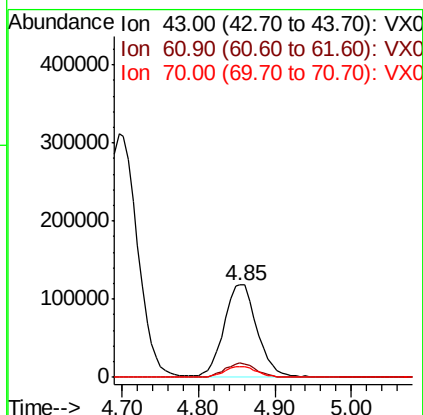
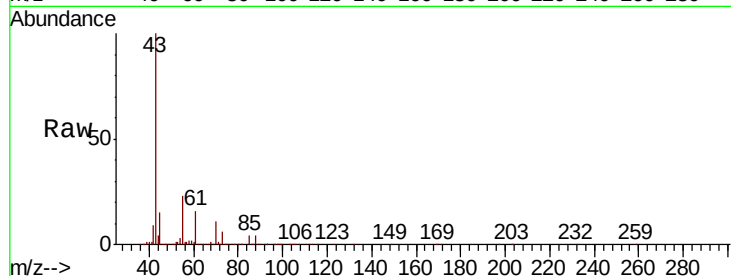




#37
Ethyl Acetate
Concen: 49.784 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

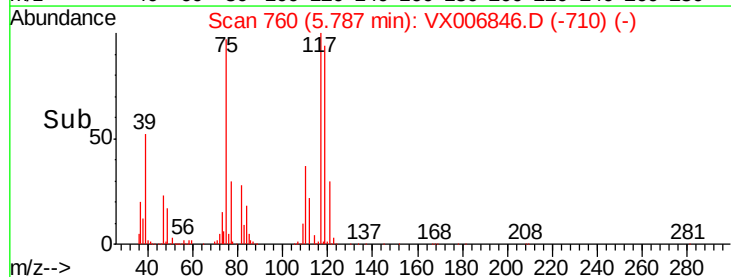
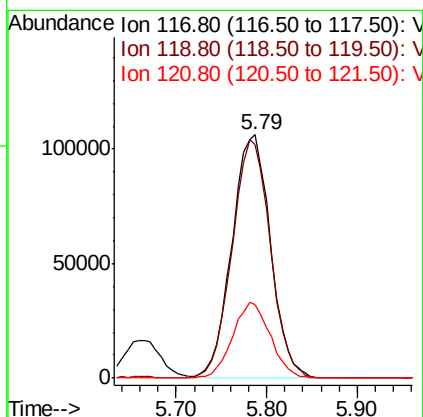
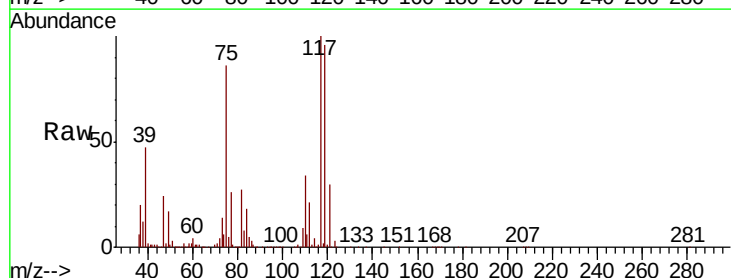
Instrument :
MSVOA_X
ClientSampleId :

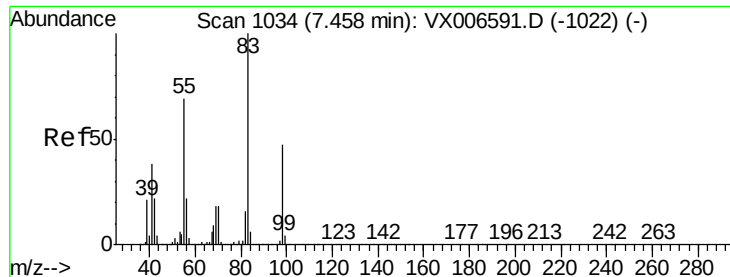
Tot Ion: 43 Resp: 354020
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 47.153 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 117 Resp: 313085
Ion Ratio Lower Upper
117 100
119 95.7 79.4 119.2
121 30.4 24.0 36.0

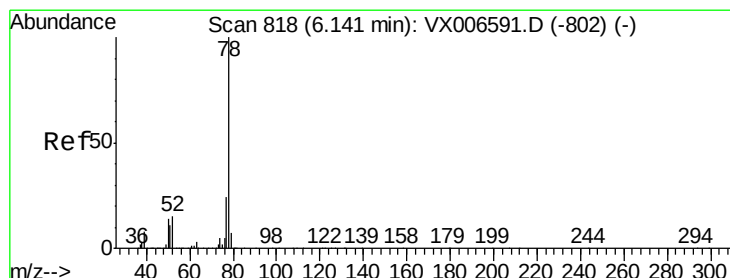
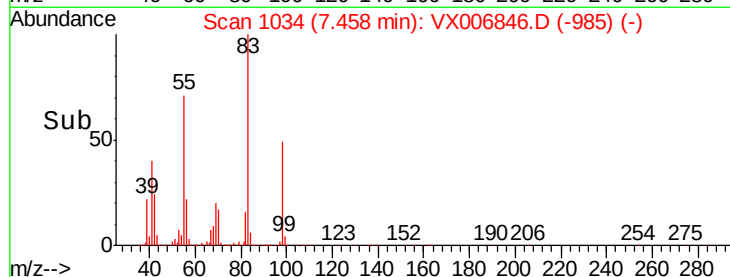
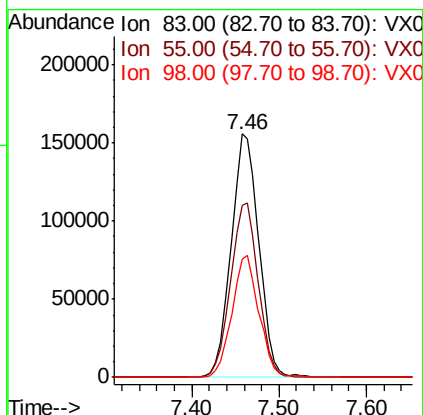
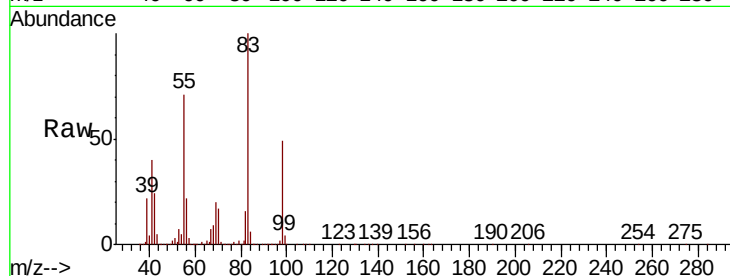




#39
Methylvlcyclohexane
Concen: 38.142 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

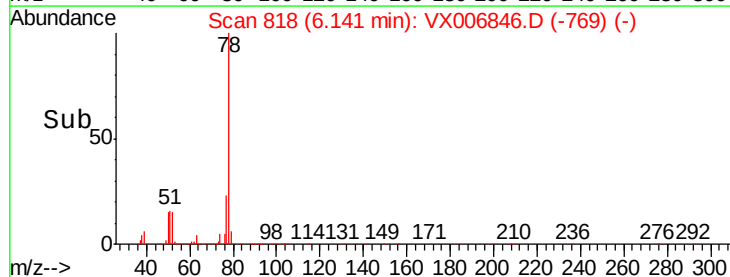
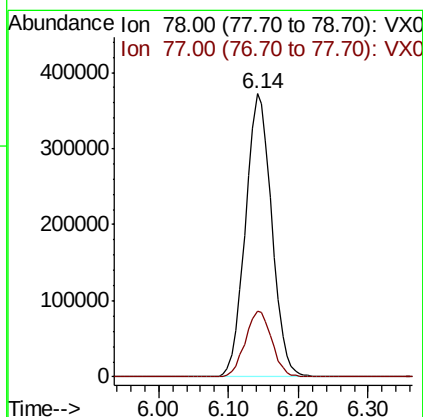
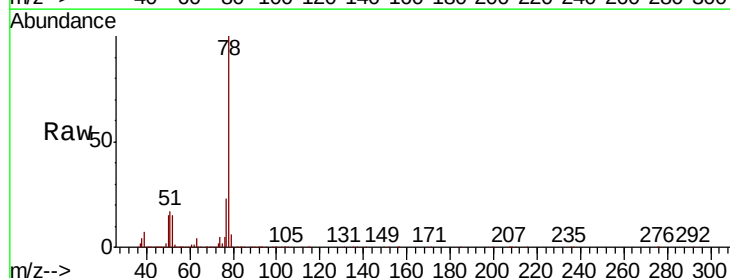
Instrument :
MSVOA_X
ClientSampleId :

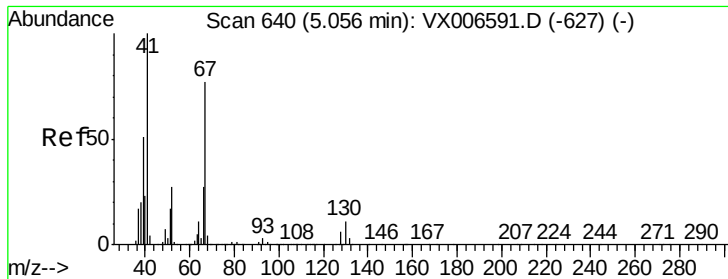
Tot Ion	83.00	Resp	343082
Ion Ratio	Lower	Upper	
83	100		
55	70.6	54.9	82.3
98	48.8	37.9	56.9



#40
Benzene
Concen: 46.639 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion	78.00	Resp	968589
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.2	28.8





#41

Methacrylonitrile

Concen: 52.729 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 199072

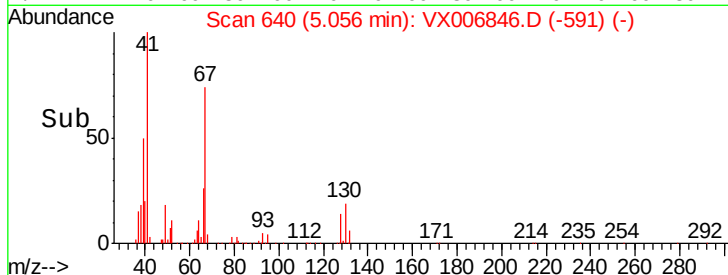
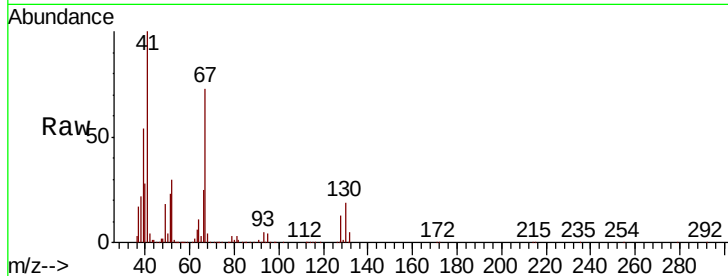
Ion Ratio Lower Upper

41 100

39 55.9 42.8 64.2

67 76.2 62.1 93.1

52 28.9 23.4 35.0

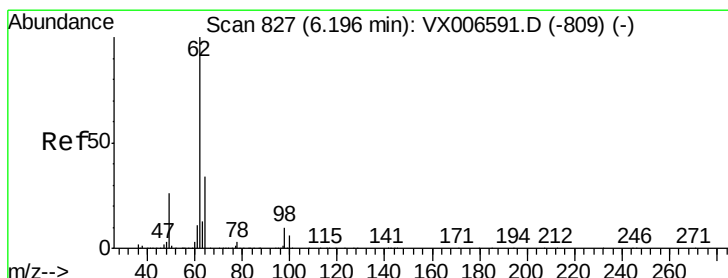
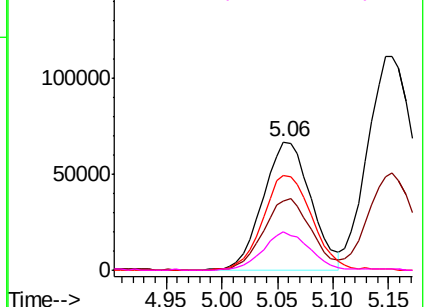


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.473 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006846.D

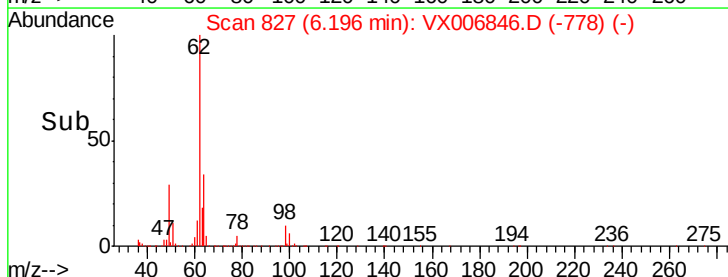
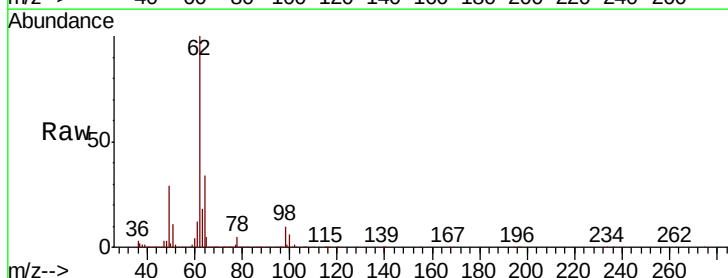
Acq: 27 Dec 2018 16:55

Tgt Ion: 62 Resp: 328872

Ion Ratio Lower Upper

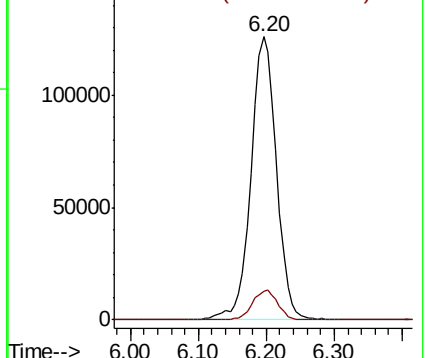
62 100

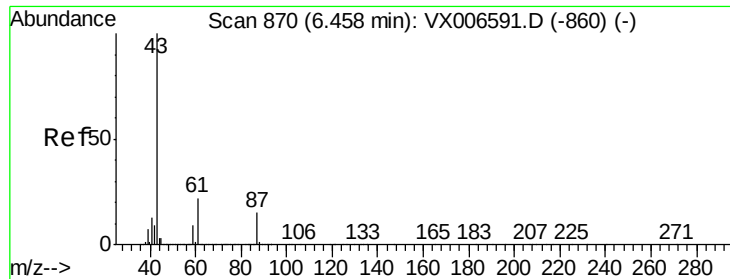
98 10.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.606 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

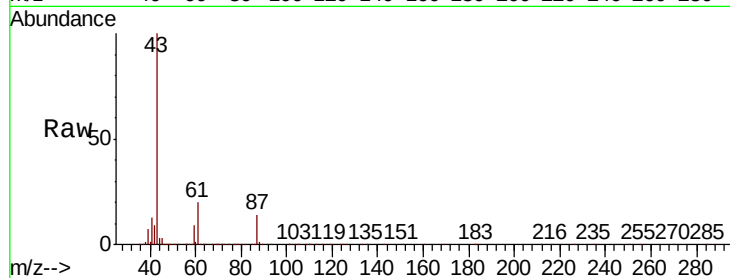
Tot Ion: 43 Resp: 580011

Ion Ratio Lower Upper

43 100

61 20.0 16.8 25.2

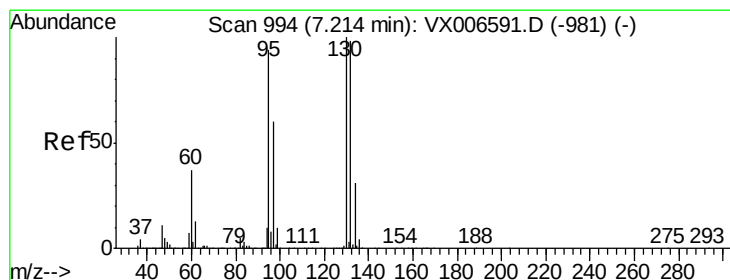
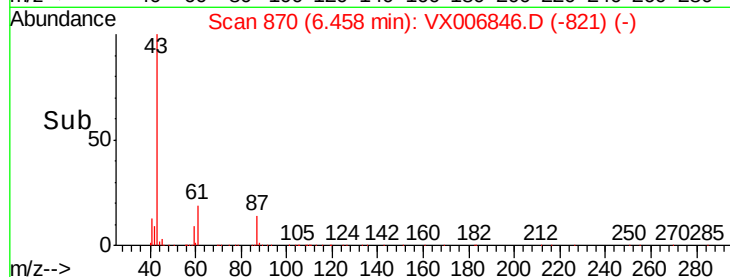
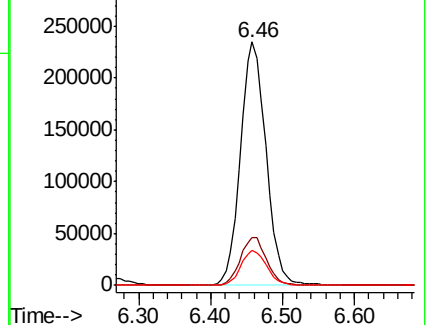
87 14.4 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 44.652 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006846.D

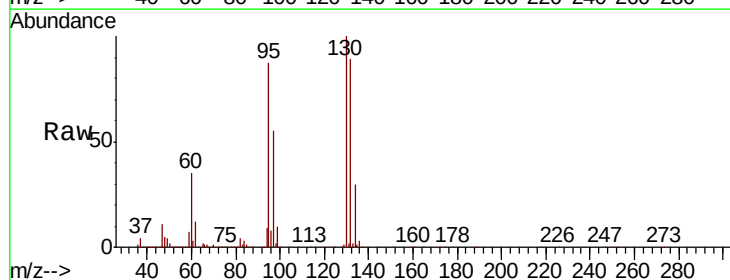
Acq: 27 Dec 2018 16:55

Tgt Ion:130 Resp: 280666

Ion Ratio Lower Upper

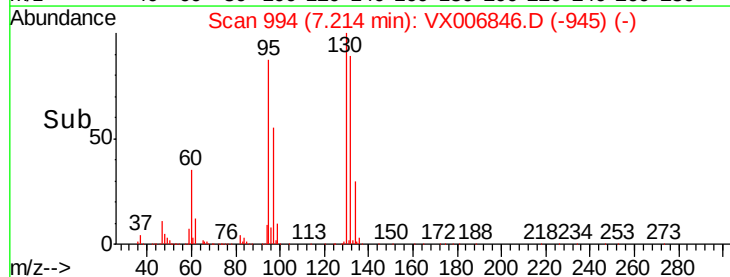
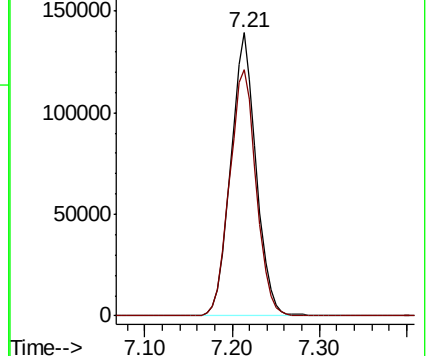
130 100

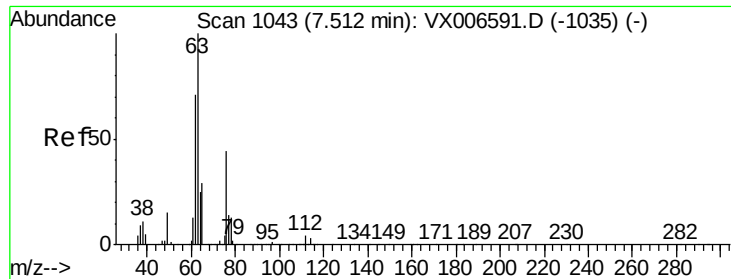
95 86.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

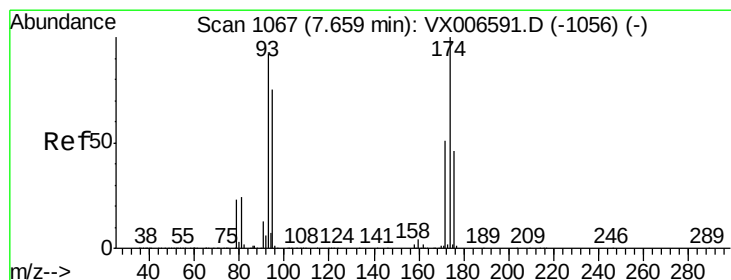
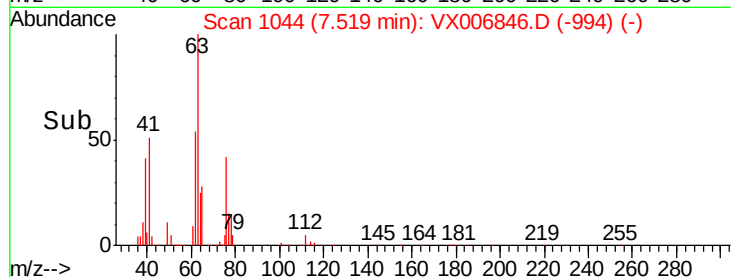
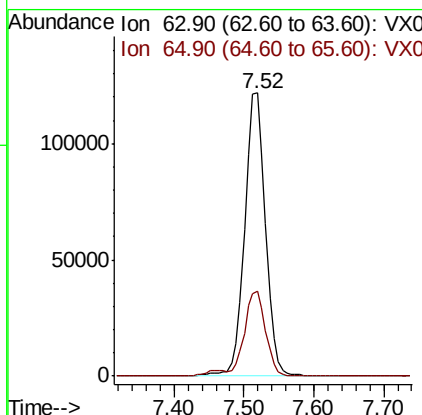
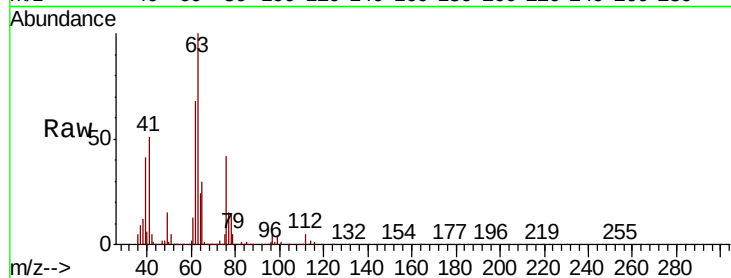




#45
 1,2-Dichloropropane
 Concen: 49.810 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

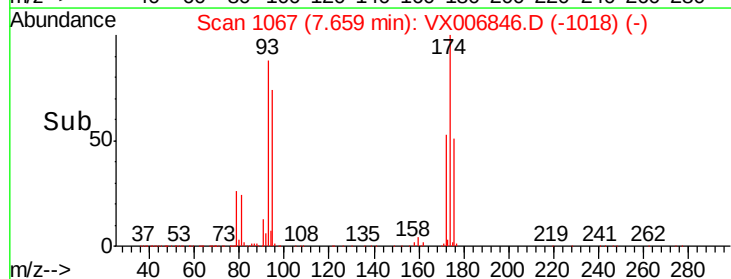
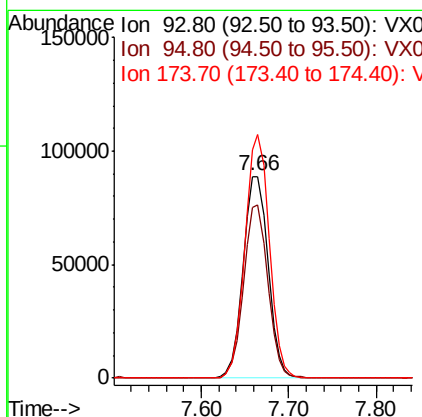
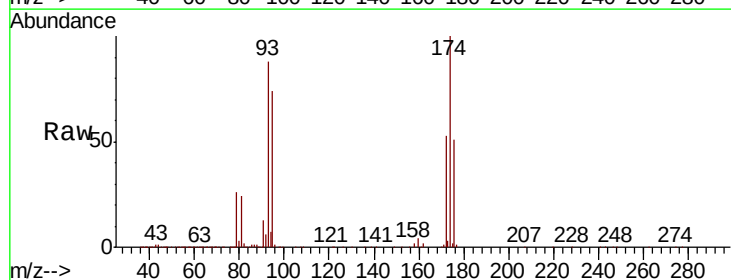
Instrument :
 MSVOA_X
 ClientSampleId :

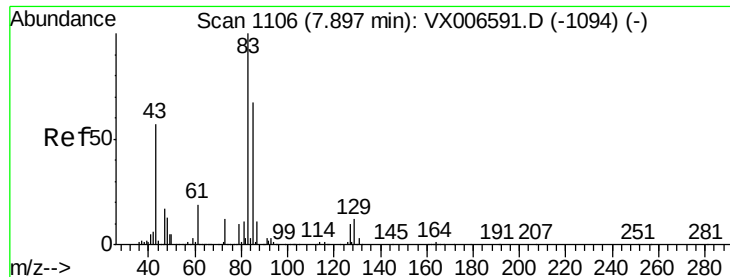
Tot Ion: 63 Resp: 251730
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.4 38.0



#46
 Dibromomethane
 Concen: 47.622 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion: 93 Resp: 177025
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 116.8 91.0 136.4





#47

Bromodichloromethane

Concen: 49.995 ug/l

RT: 7.90 min Scan# 1106

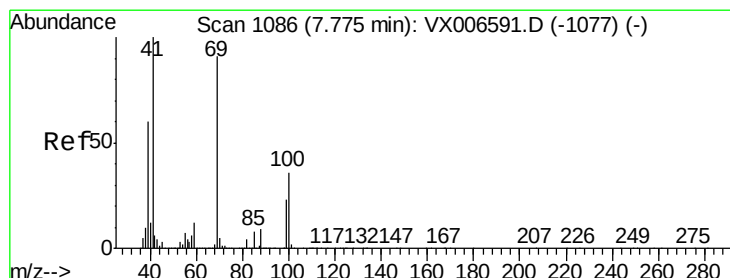
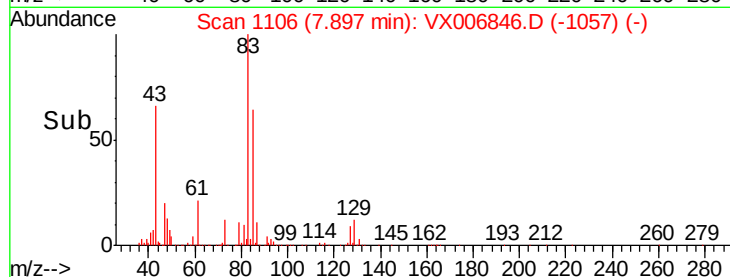
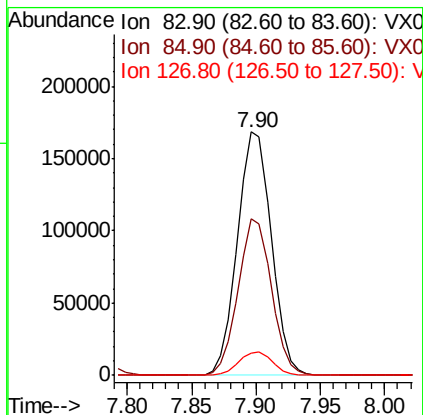
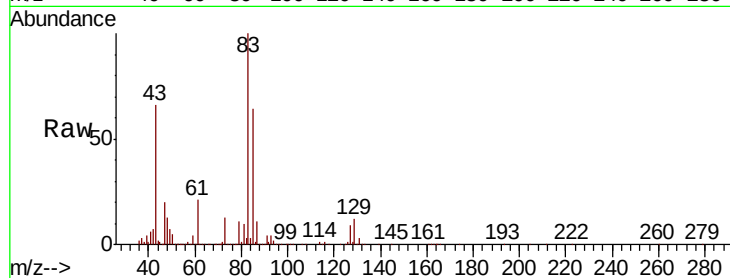
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	308547
Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.2	79.8
127	9.3	7.8	11.6



#48

Methyl methacrylate

Concen: 53.729 ug/l

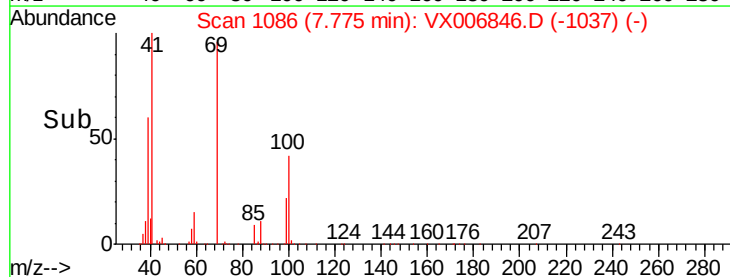
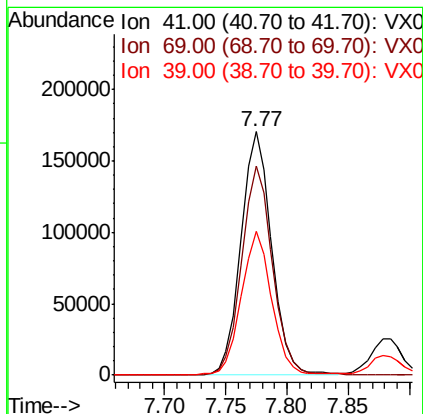
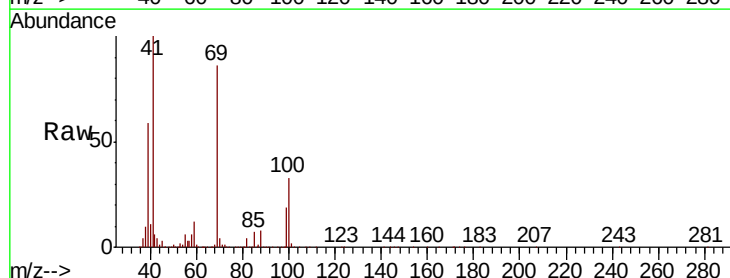
RT: 7.77 min Scan# 1086

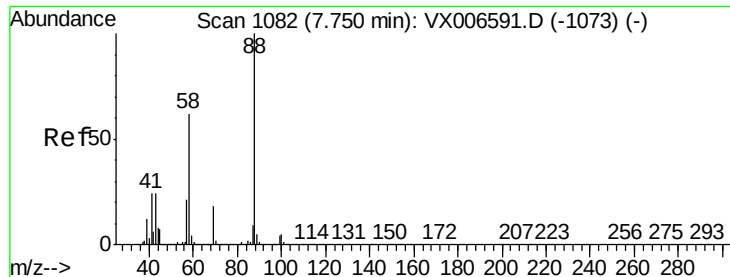
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion:	41	Resp:	295625
Ion	Ratio	Lower	Upper
41	100		
69	87.0	72.4	108.6
39	58.3	45.8	68.8





#49

1,4-Dioxane

Concen: 805.176 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

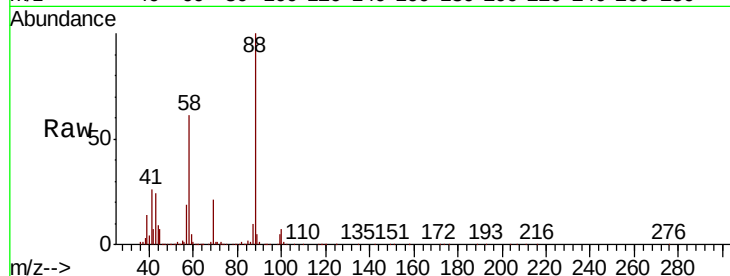
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 116472

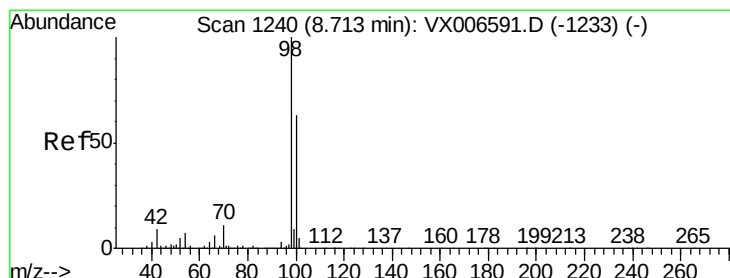
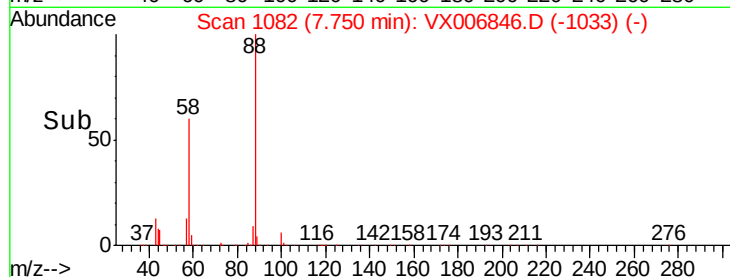
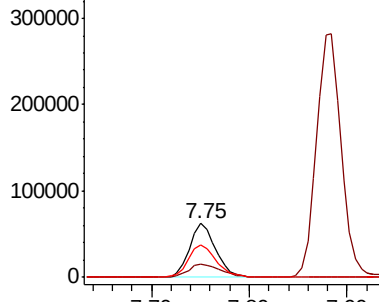
Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.2	33.4
58	64.5	51.0	76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.750 ug/l

RT: 8.71 min Scan# 1240

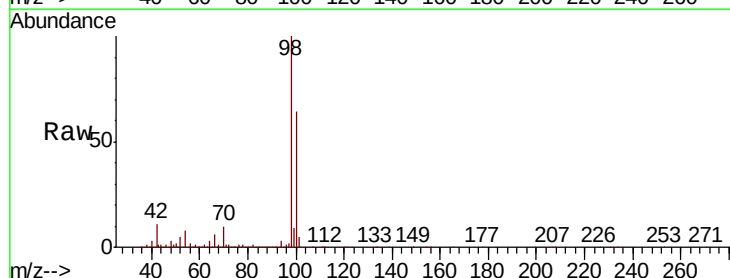
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

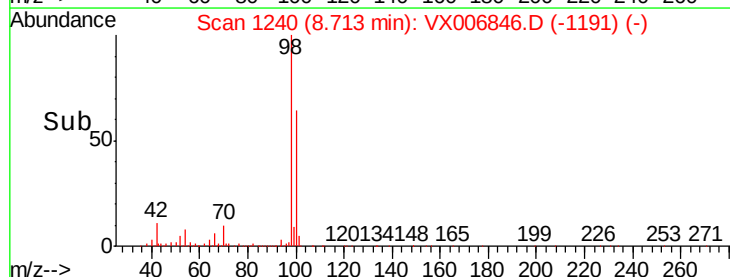
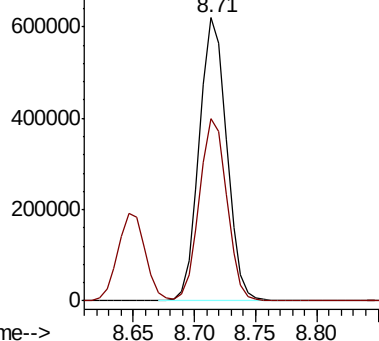
Tgt Ion: 98 Resp: 958752

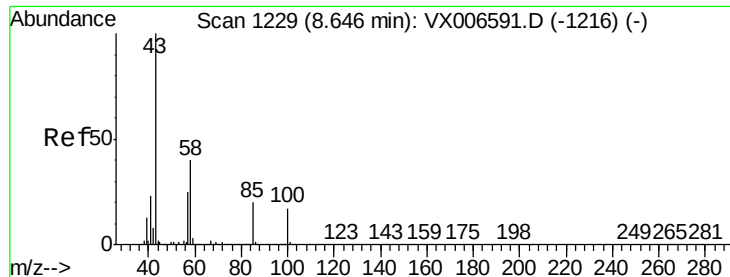
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 266.606 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

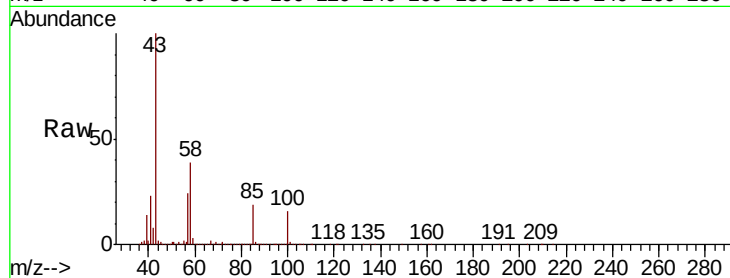
ClientSampleId :

Tot Ion: 43 Resp: 1835396

Ion Ratio Lower Upper

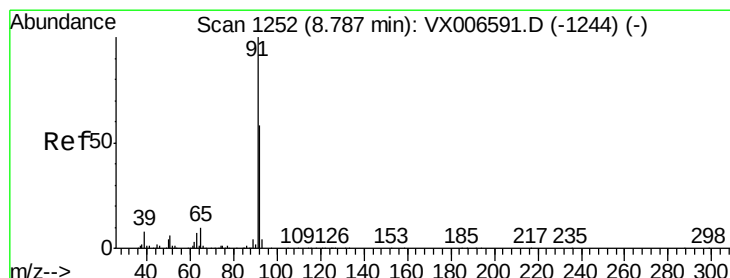
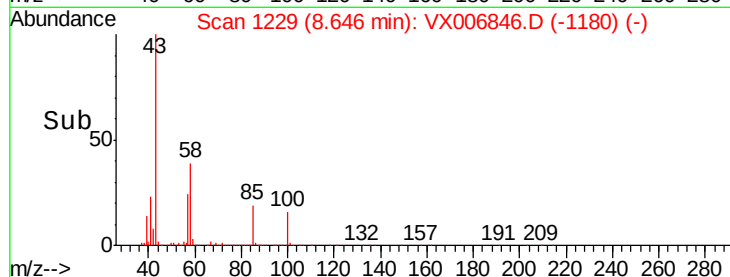
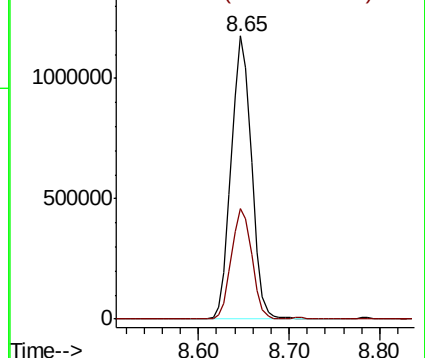
43 100

58 39.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.614 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006846.D

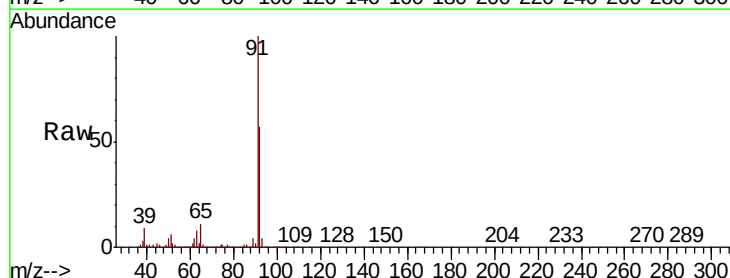
Acq: 27 Dec 2018 16:55

Tgt Ion: 92 Resp: 625410

Ion Ratio Lower Upper

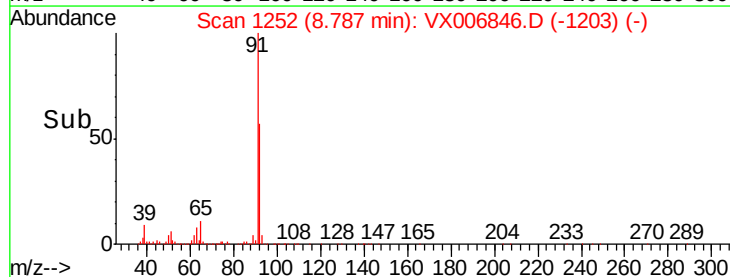
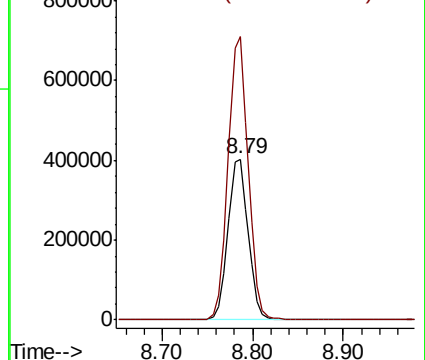
92 100

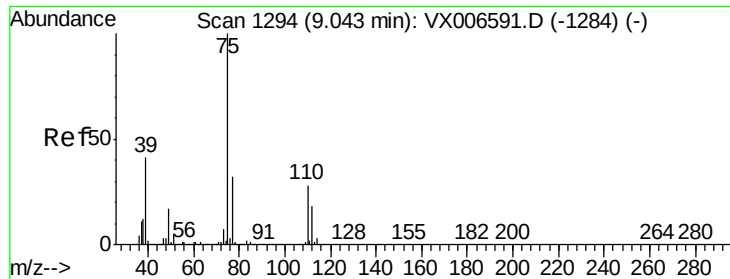
91 174.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

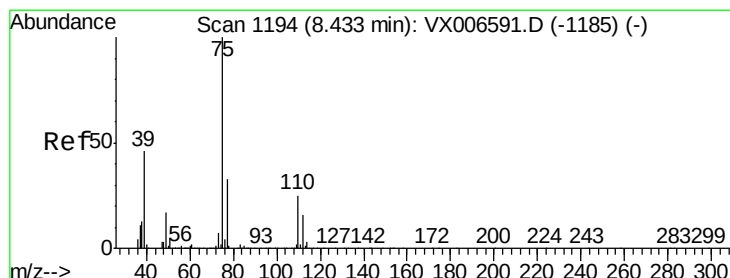
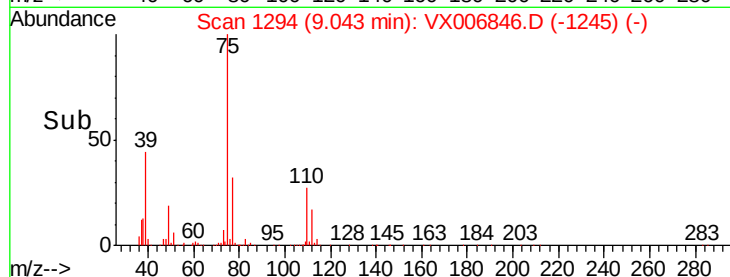
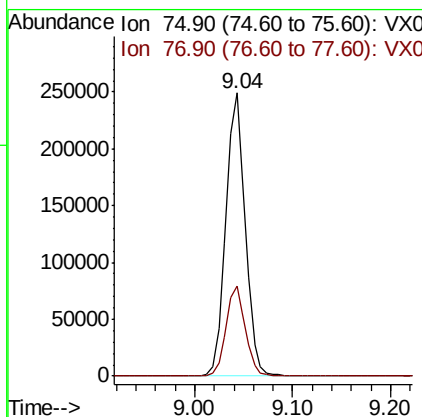
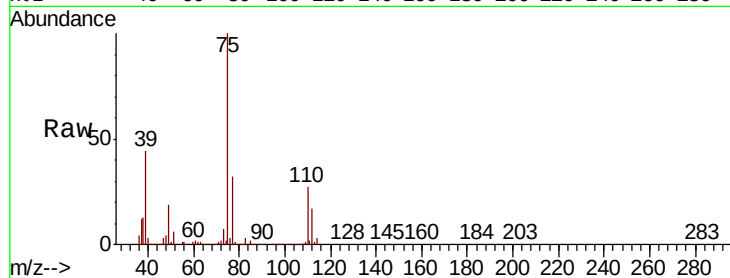




#53
t-1,3-Dichloropropene
Concen: 51.787 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

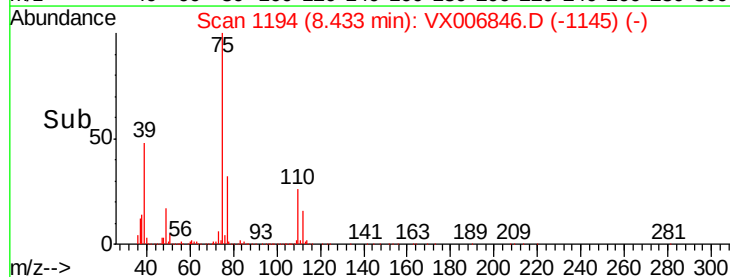
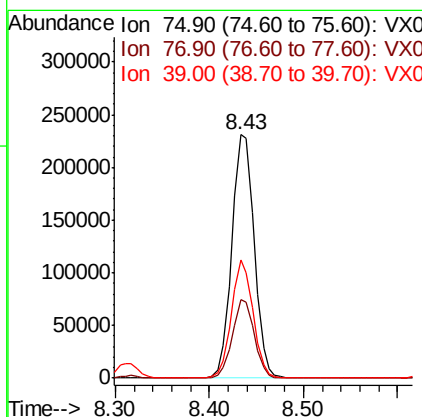
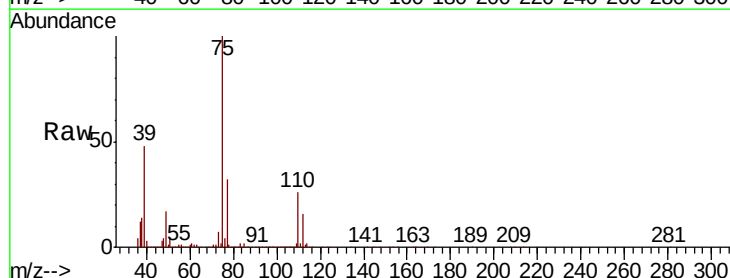
Instrument :
MSVOA_X
ClientSampled :

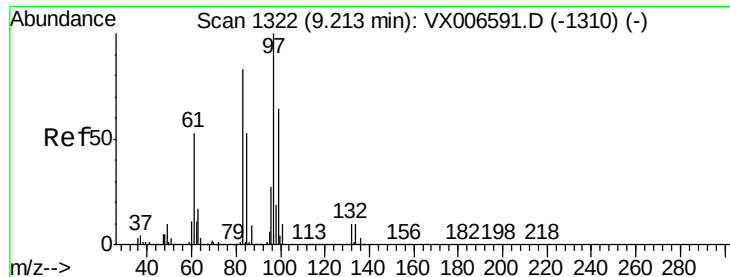
Tot Ion: 75 Resp: 342779
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.268 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 75 Resp: 379603
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
39 48.3 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 49.287 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 270671

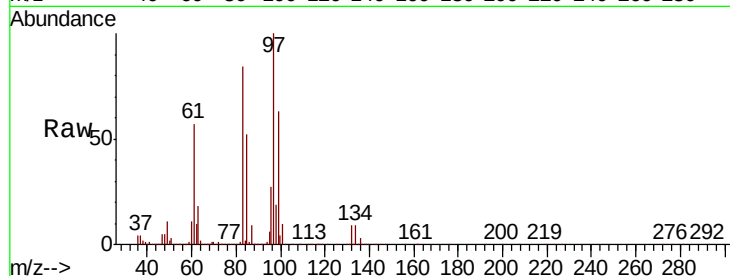
Ion Ratio Lower Upper

97 100

83 83.8 66.6 99.8

85 52.2 42.7 64.1

99 62.9 50.8 76.2



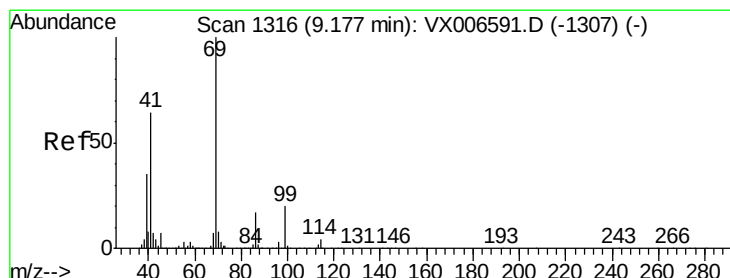
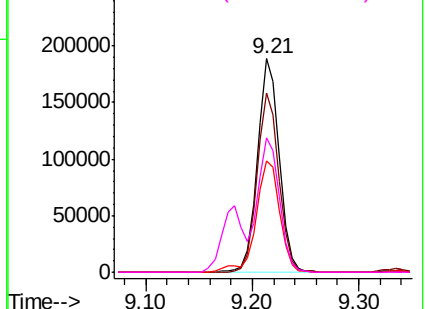
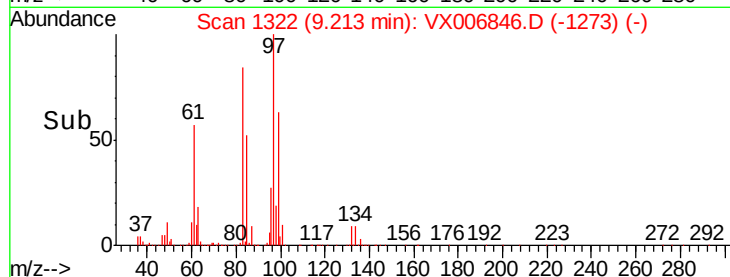
Abundance

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: 52.834 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

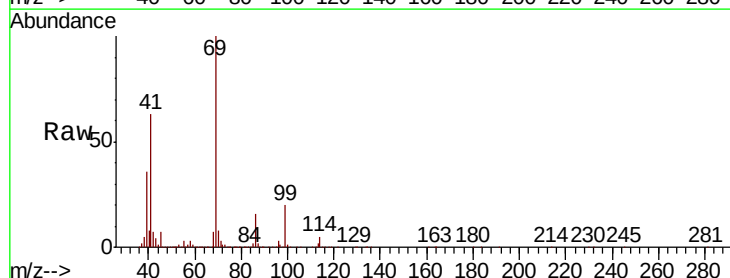
Tgt Ion: 69 Resp: 410085

Ion Ratio Lower Upper

69 100

41 64.3 48.7 73.1

39 36.7 27.0 40.6

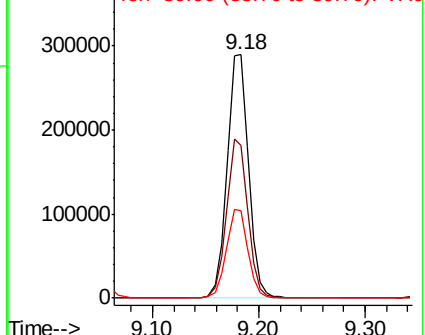
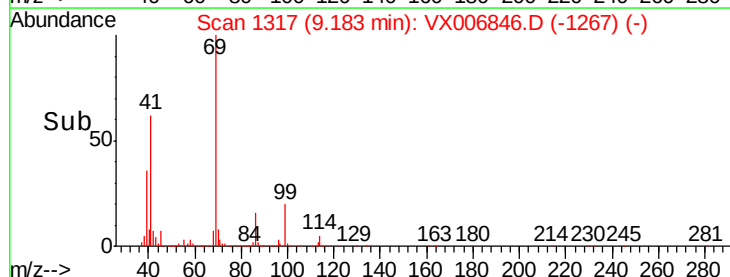


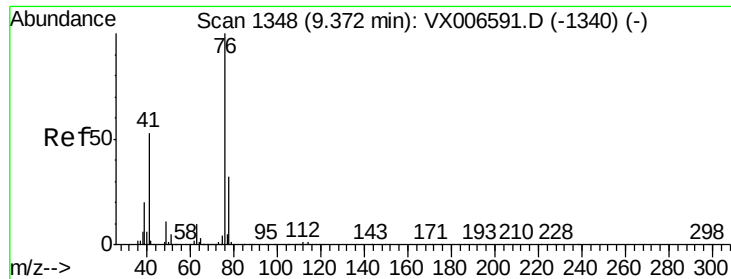
Abundance

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

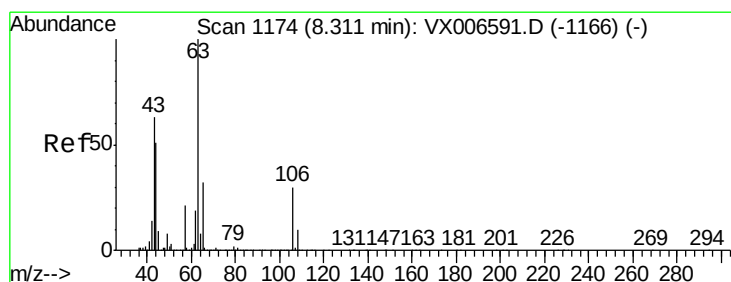
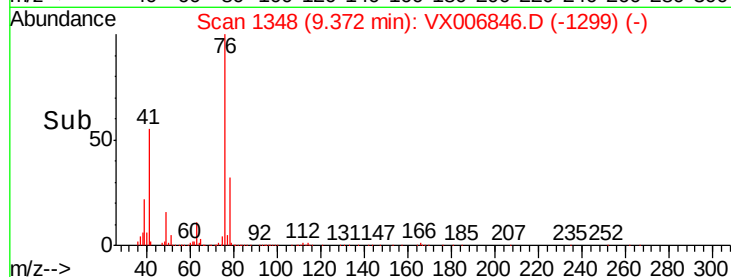
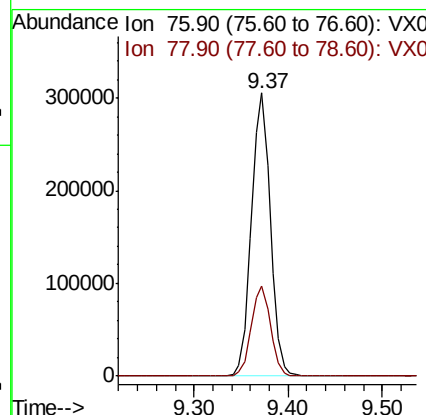
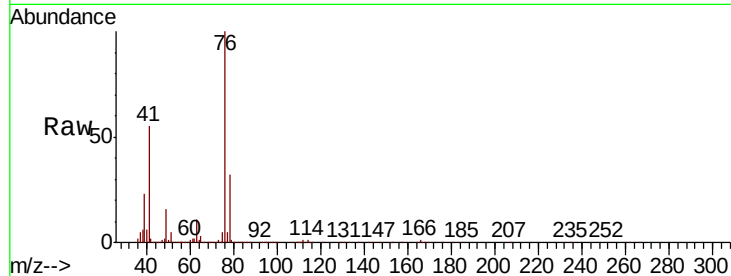




#57
 1,3-Dichloropropane
 Concen: 48.675 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

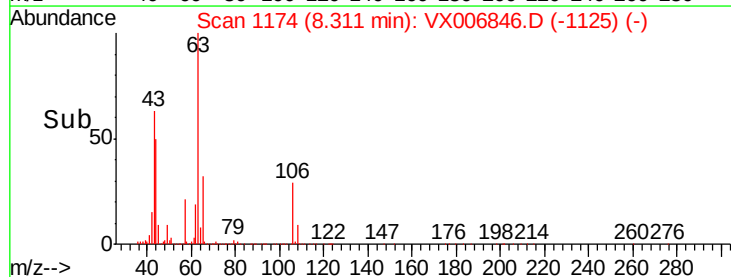
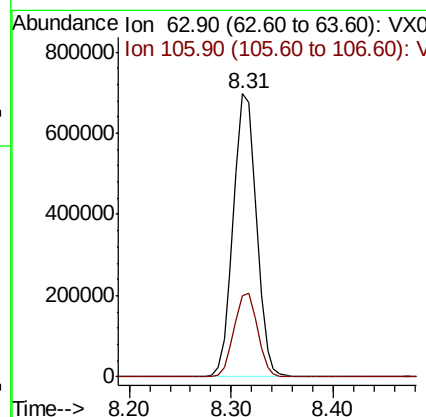
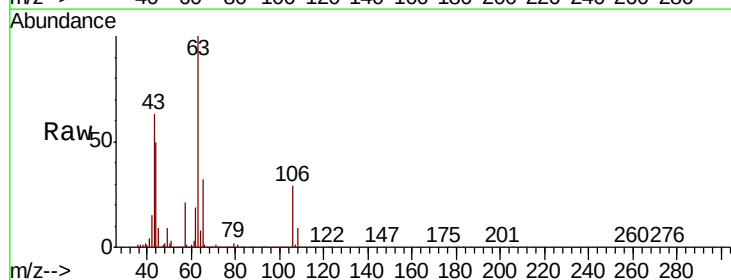
Instrument :
 MSVOA_X
 ClientSampleId :

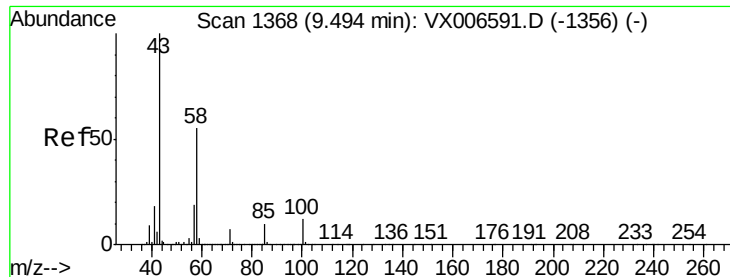
Tot Ion: 76 Resp: 430066
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.013 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion: 63 Resp: 1093423
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.6 36.8





#59

2-Hexanone

Concen: 259.933 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

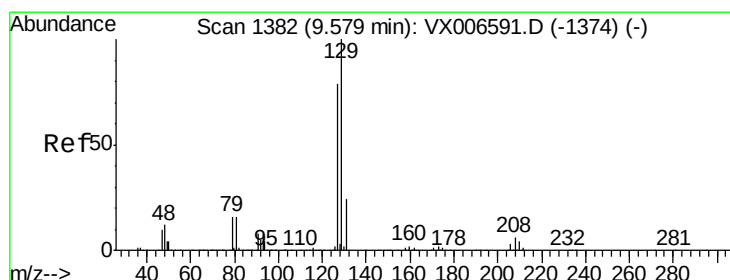
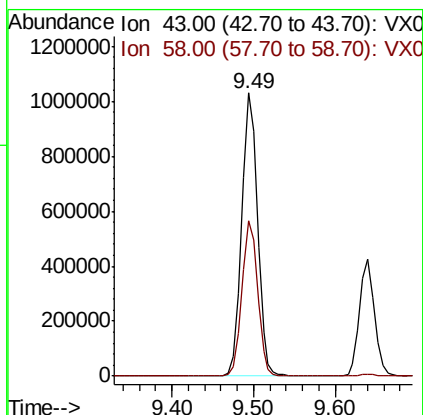
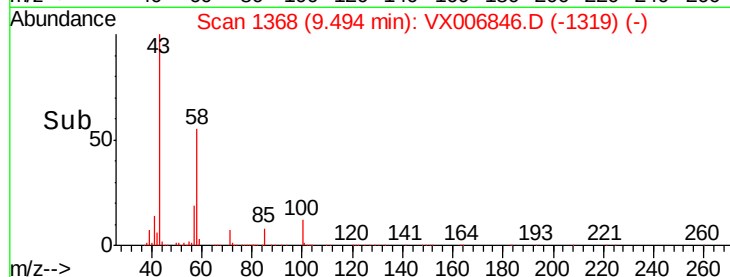
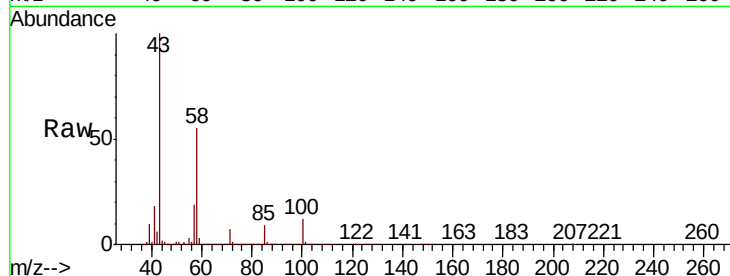
ClientSampled :

Tot Ion: 43 Resp: 1369150

Ion Ratio Lower Upper

43 100

58 54.9 27.7 83.1



#60

Dibromochloromethane

Concen: 47.393 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006846.D

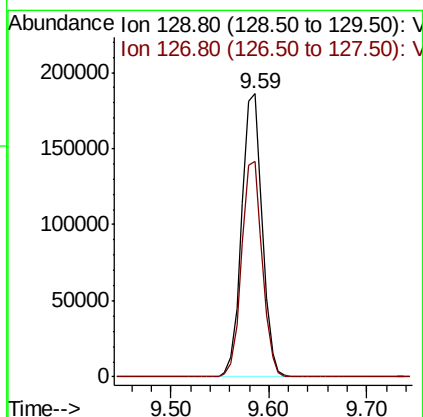
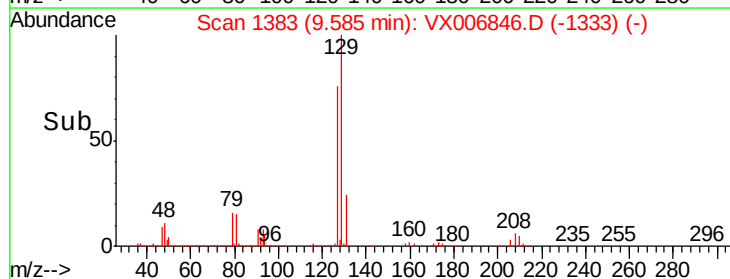
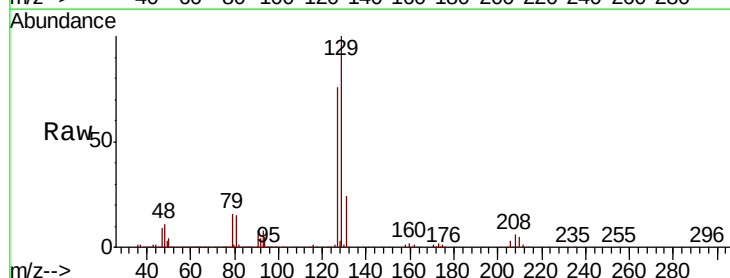
Acq: 27 Dec 2018 16:55

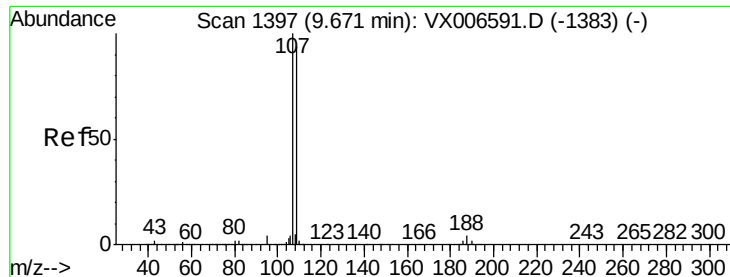
Tgt Ion: 129 Resp: 271482

Ion Ratio Lower Upper

129 100

127 76.3 39.3 117.8

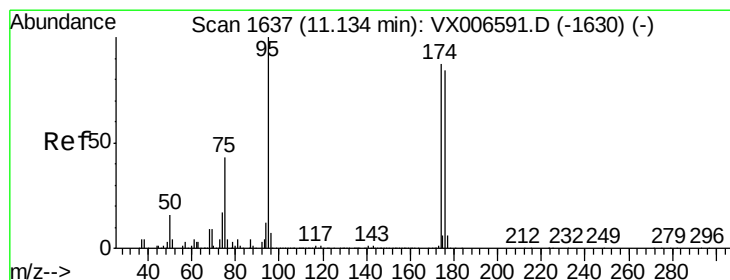
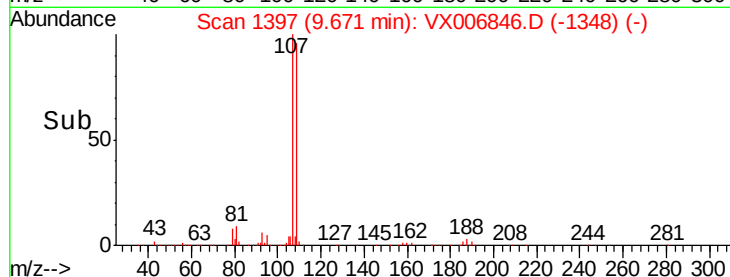
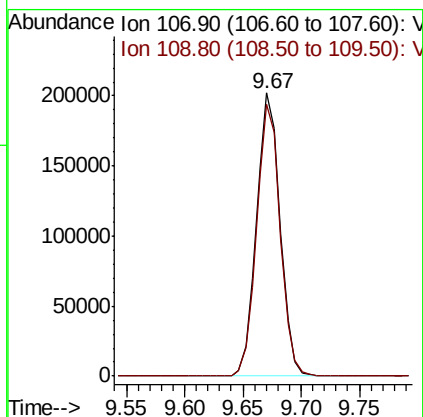
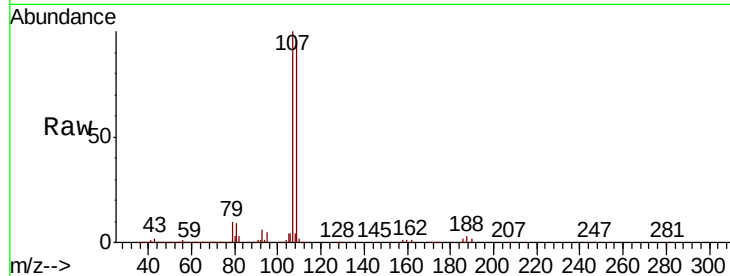




#61
 1,2-Dibromoethane
 Concen: 48.889 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

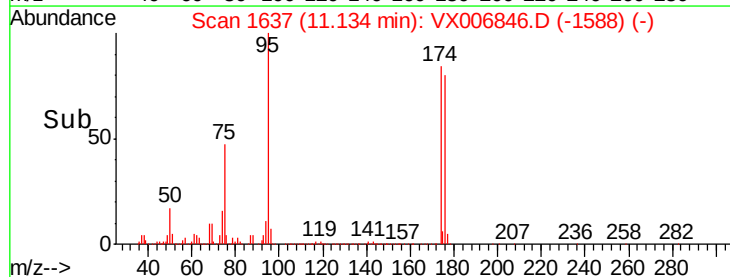
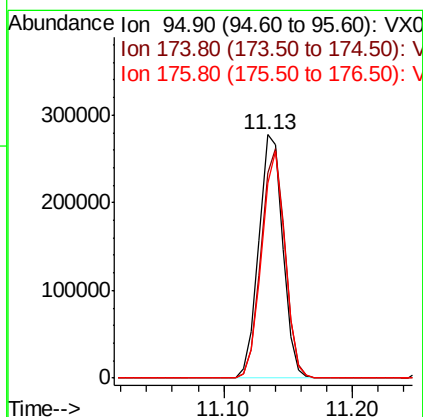
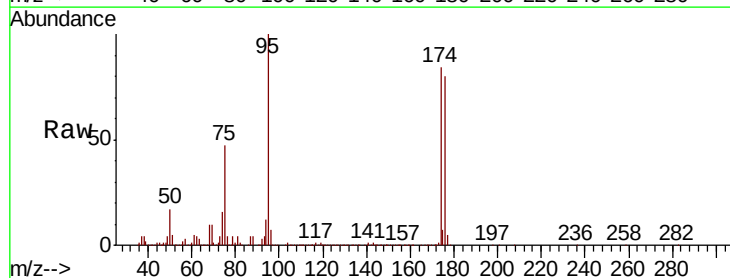
Instrument :
 MSVOA_X
 ClientSampleId :

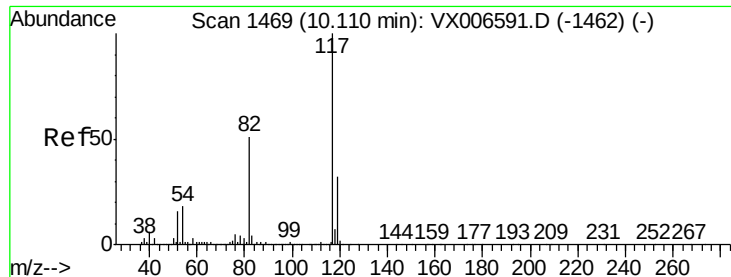
Tot Ion: 107 Resp: 285406
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.449 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion: 95 Resp: 356168
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 182.2
 176 91.3 0.0 178.8

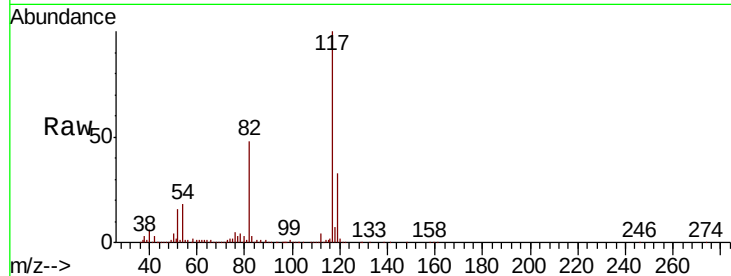




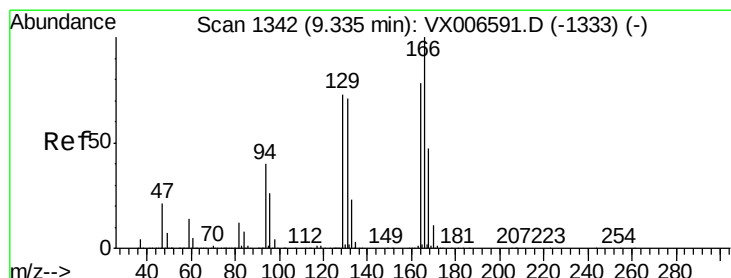
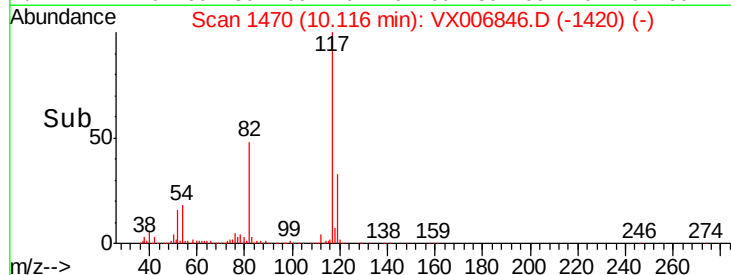
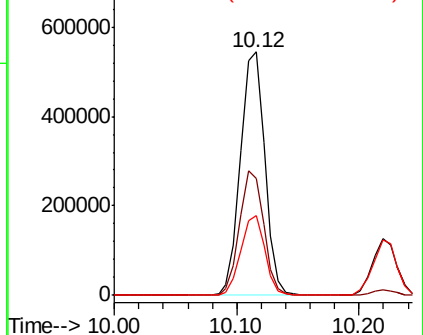
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 752117
Ion Ratio Lower Upper
117 100
82 47.9 41.0 61.6
119 33.0 25.4 38.0

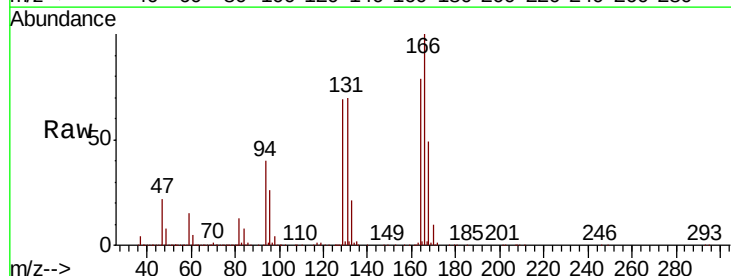


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

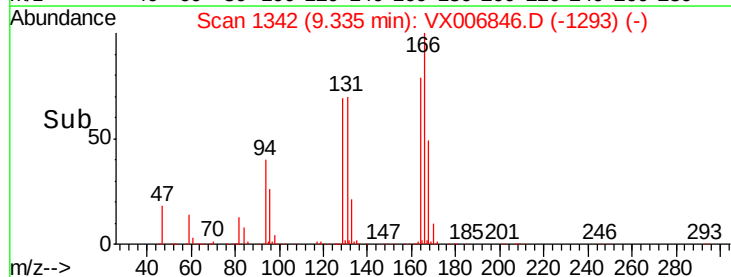
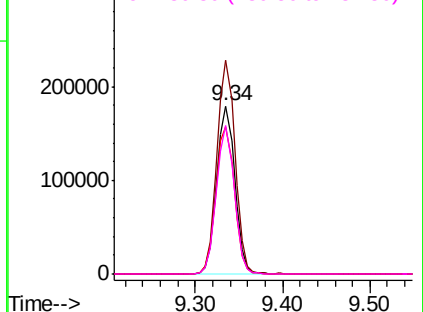


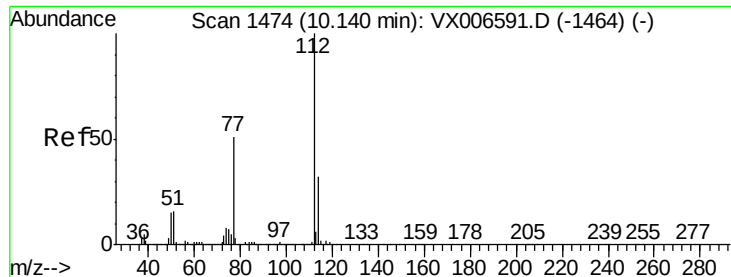
#64
Tetrachloroethene
Concen: 43.372 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion:164 Resp: 258306
Ion Ratio Lower Upper
164 100
166 127.0 102.5 153.7
129 87.8 75.1 112.7
131 88.7 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 46.696 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

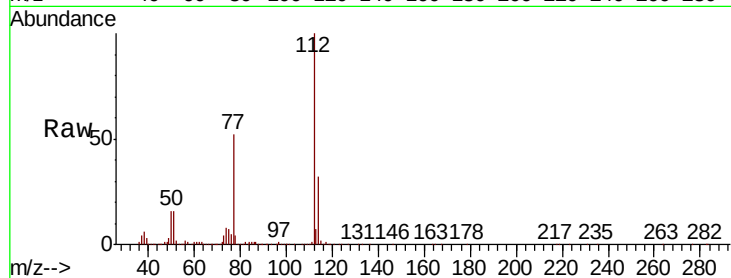
ClientSampleId :

Tot Ion:112 Resp: 743018

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

600000

500000

400000

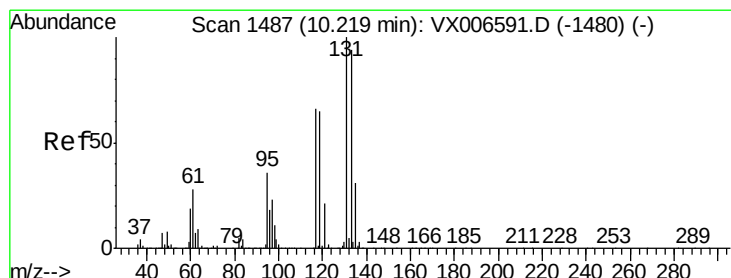
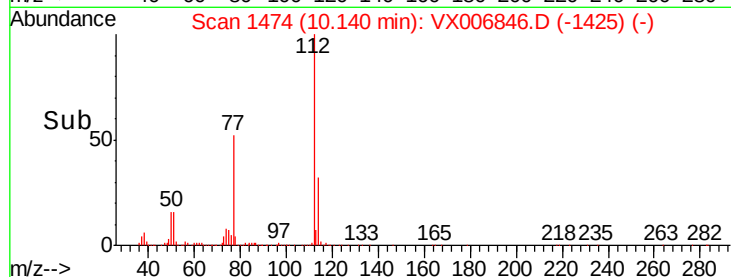
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 52.768 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

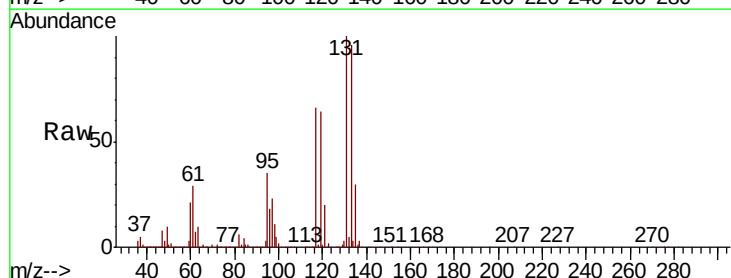
Tgt Ion:131 Resp: 261962

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.2

119 65.0 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

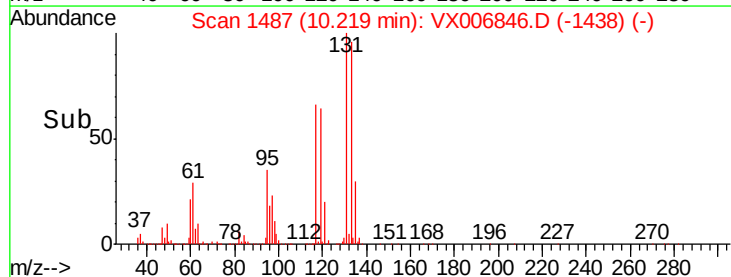
150000

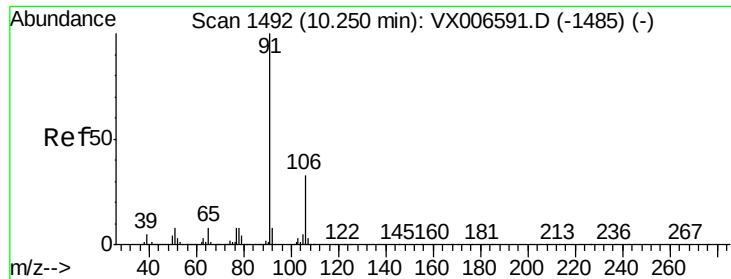
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 46.385 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

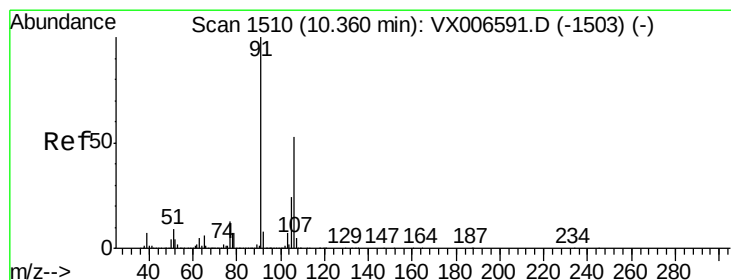
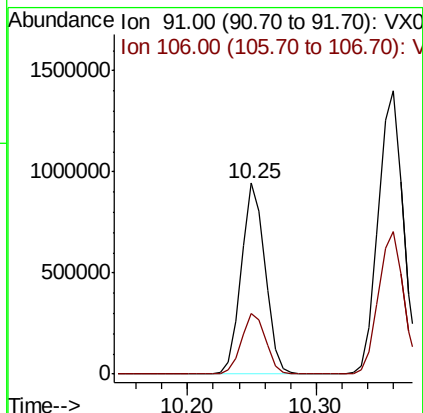
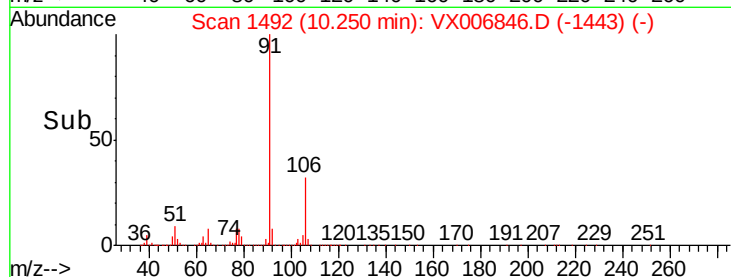
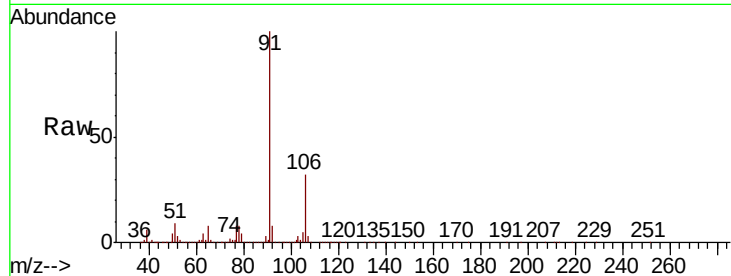
ClientSampleId :

Tot Ion: 91 Resp: 1206044

Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6



#68

m/p-Xylenes

Concen: 92.265 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006846.D

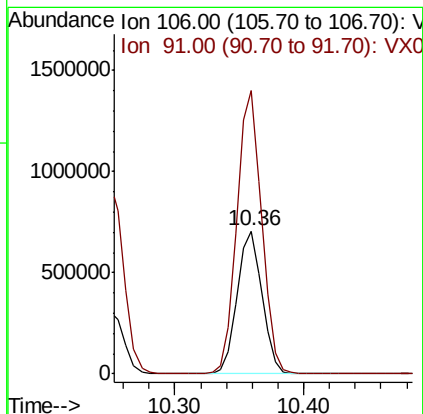
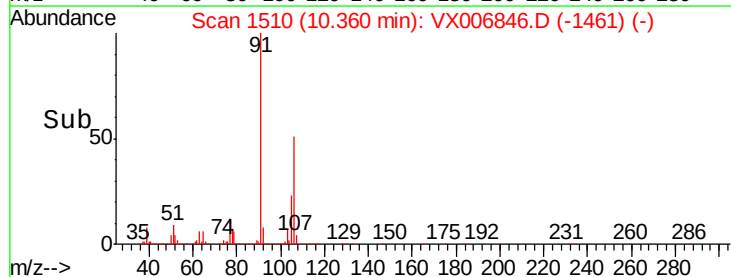
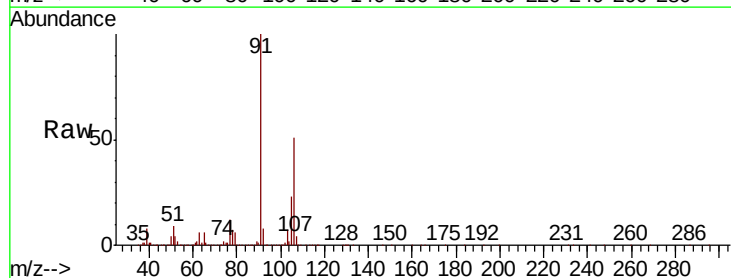
Acq: 27 Dec 2018 16:55

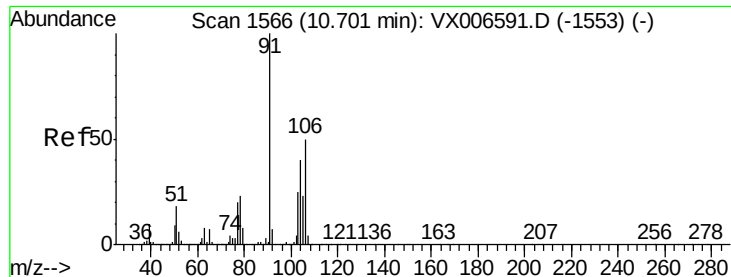
Tgt Ion: 106 Resp: 946624

Ion Ratio Lower Upper

106 100

91 197.6 155.8 233.6

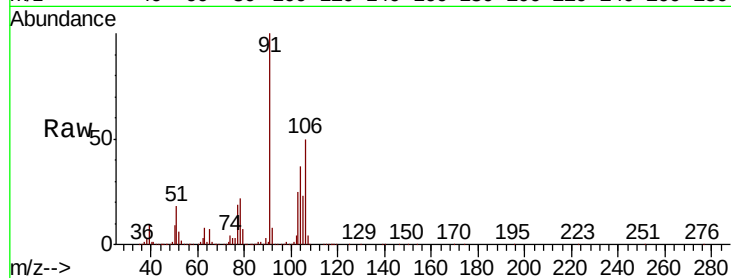




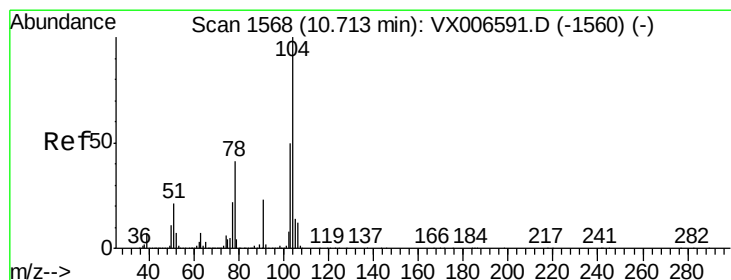
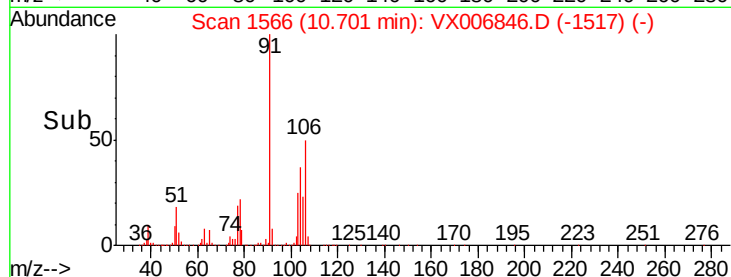
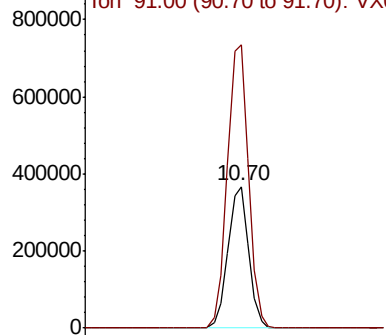
#69
o-Xylene
Concen: 47.185 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 478046
Ion Ratio Lower Upper
106 100
91 204.6 101.3 303.7

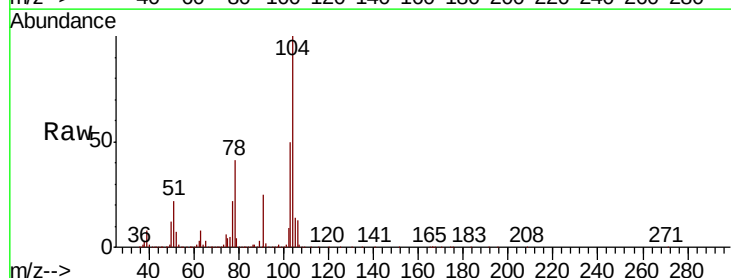


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

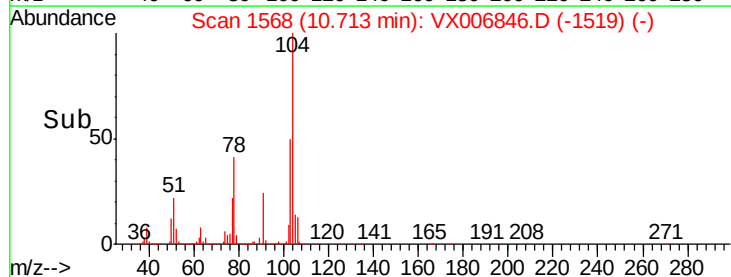
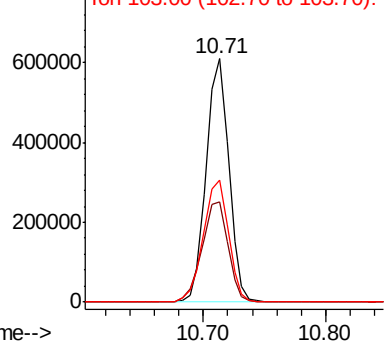


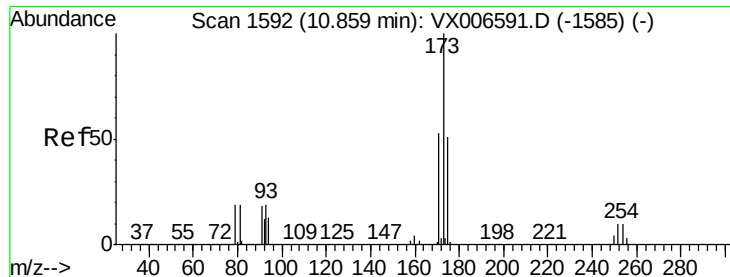
#70
Styrene
Concen: 48.635 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion:104 Resp: 779536
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.6 43.8 65.8



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





#71

Bromoform

Concen: 45.557 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

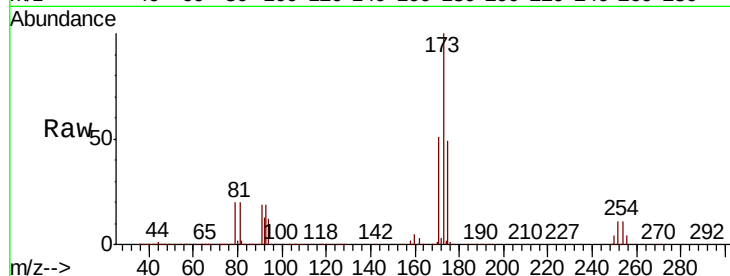
Tot Ion:173 Resp: 202056

Ion Ratio Lower Upper

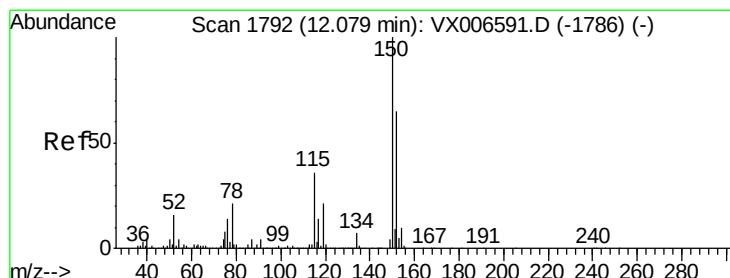
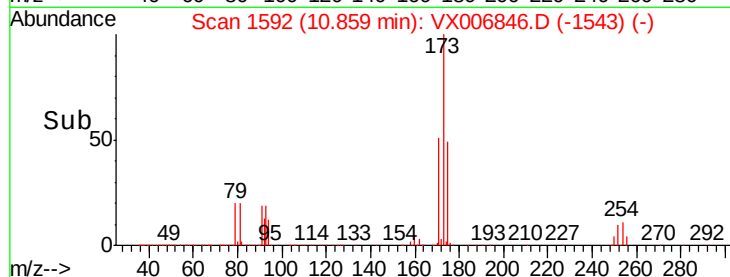
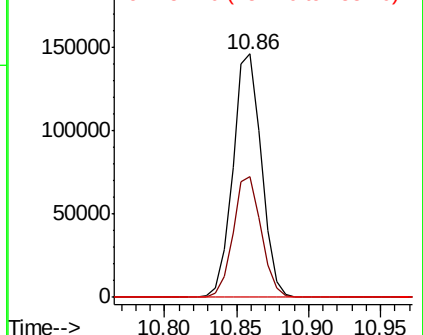
173 100

175 49.0 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

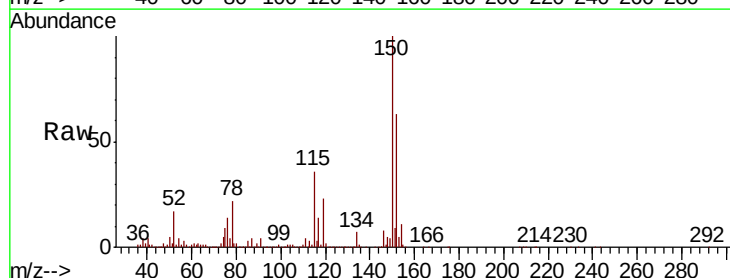
Tgt Ion:152 Resp: 383703

Ion Ratio Lower Upper

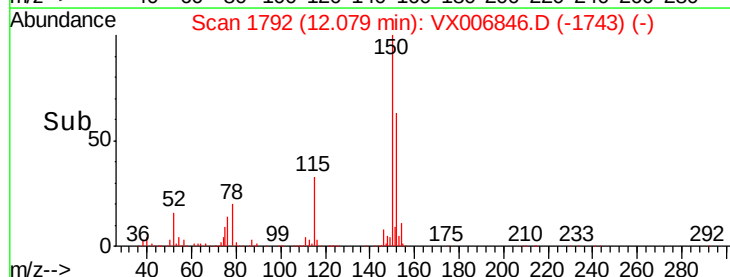
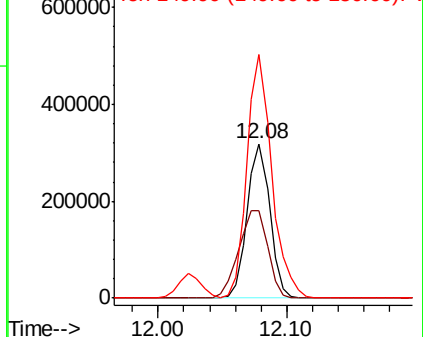
152 100

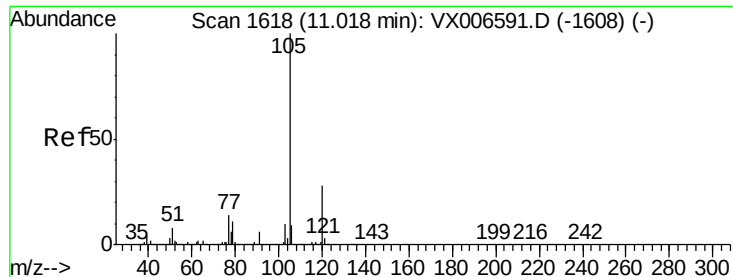
115 73.9 39.1 117.2

150 172.5 0.0 344.8



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





#73

Isopropylbenzene

Concen: 46.112 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

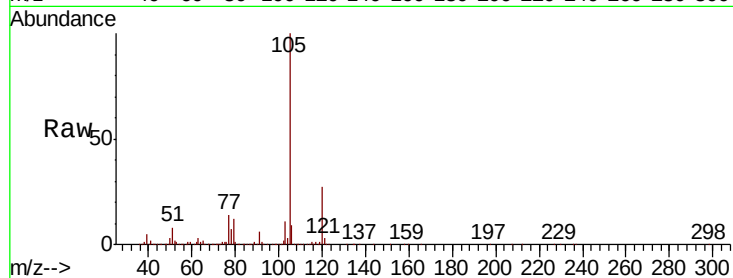
ClientSampled :

Tot Ion:105 Resp: 1210443

Ion Ratio Lower Upper

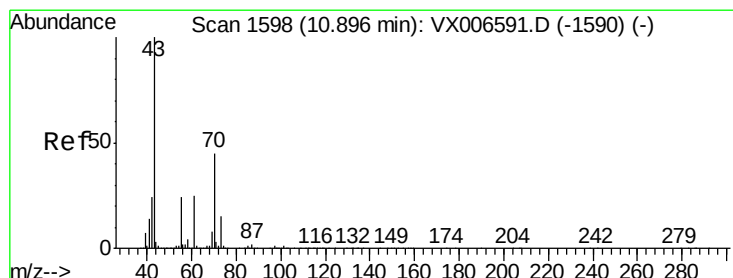
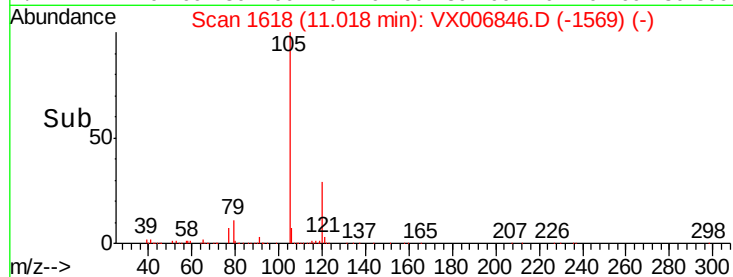
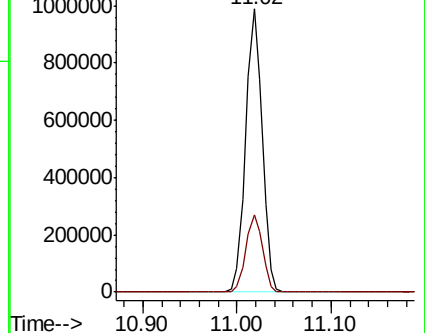
105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.139 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion: 43 Resp: 536874

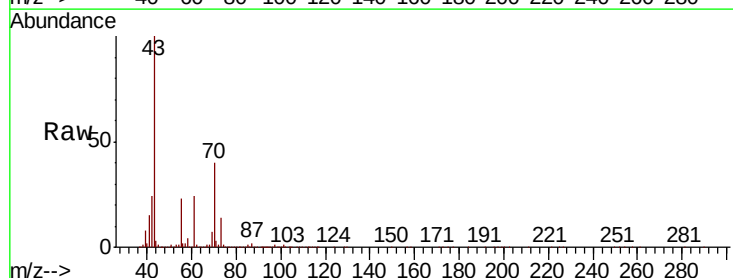
Ion Ratio Lower Upper

43 100

70 42.2 35.8 53.8

55 23.3 19.4 29.0

61 24.6 20.1 30.1

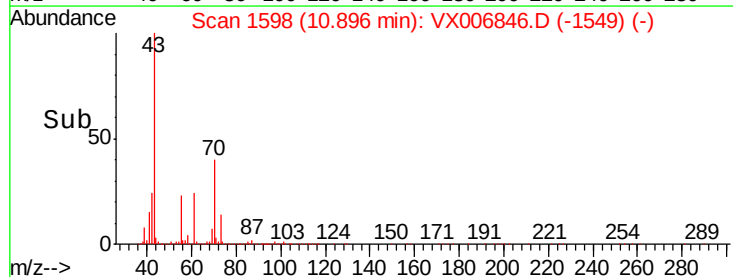
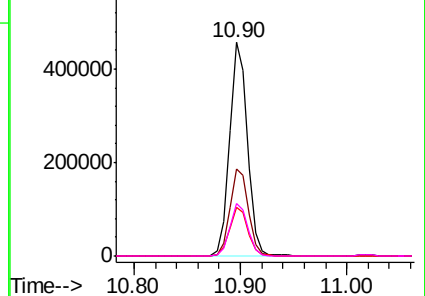


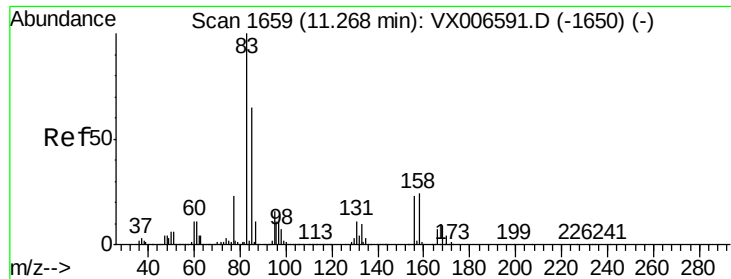
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.833 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

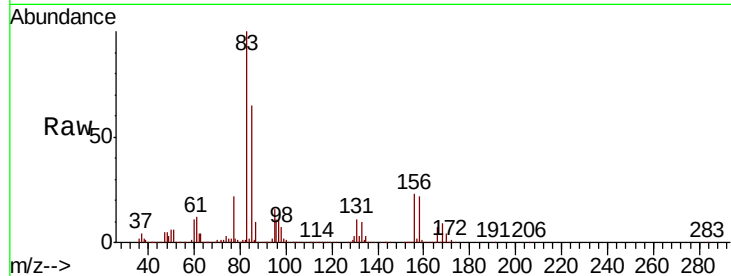
Tot Ion: 83 Resp: 404651

Ion Ratio Lower Upper

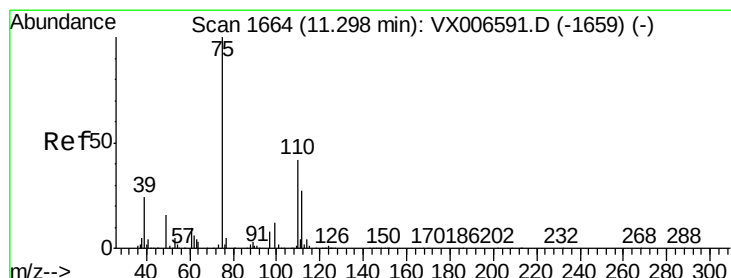
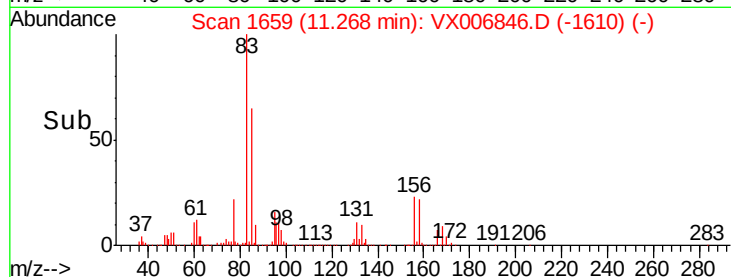
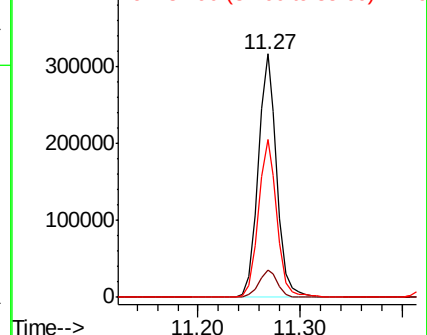
83 100

131 11.3 5.7 17.1

85 64.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.939 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006846.D

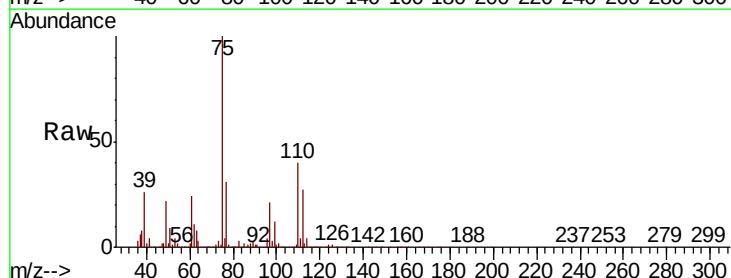
Acq: 27 Dec 2018 16:55

Tgt Ion: 75 Resp: 455938

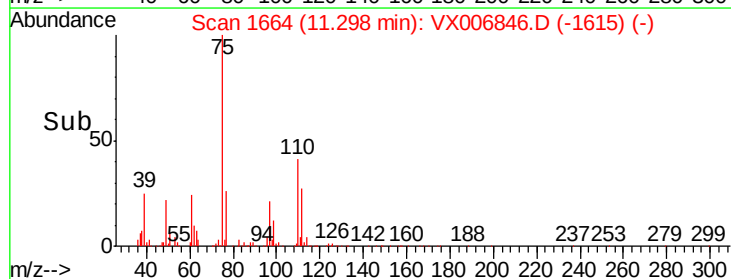
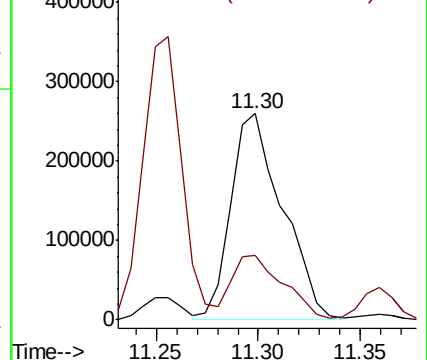
Ion Ratio Lower Upper

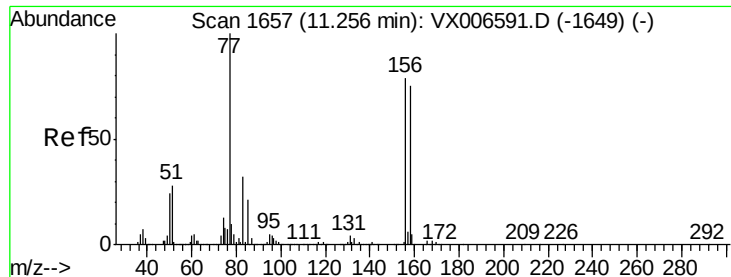
75 100

77 30.9 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.846 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

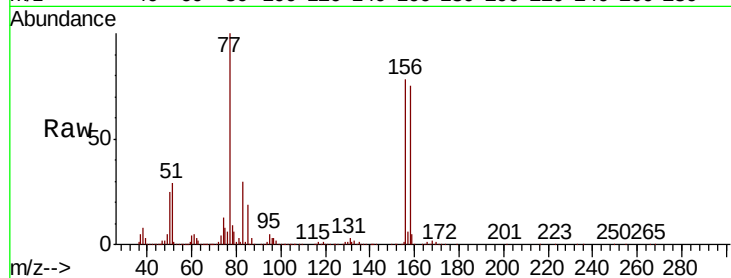
Tot Ion:156 Resp: 353743

Ion Ratio Lower Upper

156 100

77 133.6 68.0 204.0

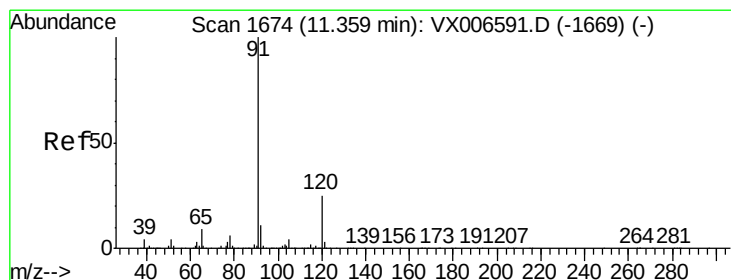
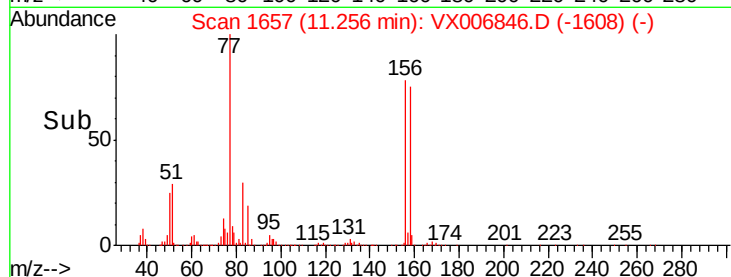
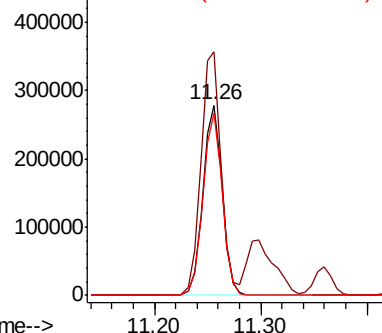
158 95.4 48.3 144.8



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: 46.139 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006846.D

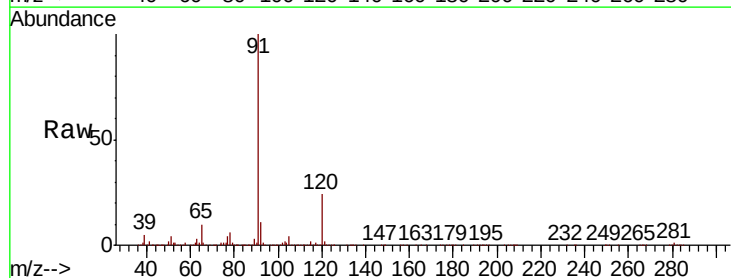
Acq: 27 Dec 2018 16:55

Tgt Ion: 91 Resp: 1333720

Ion Ratio Lower Upper

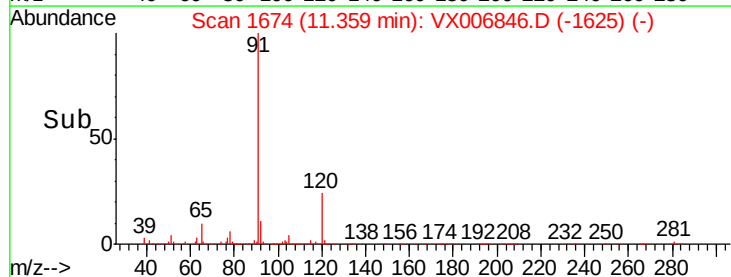
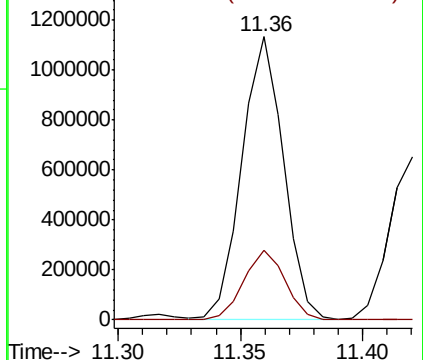
91 100

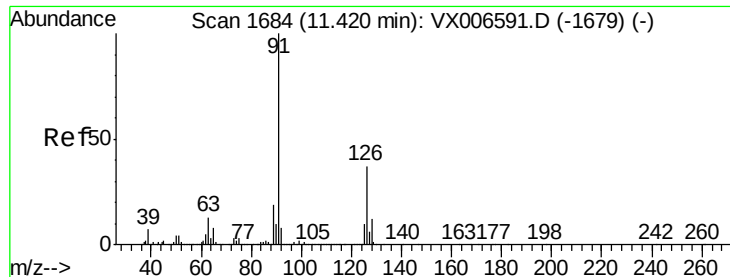
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.259 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

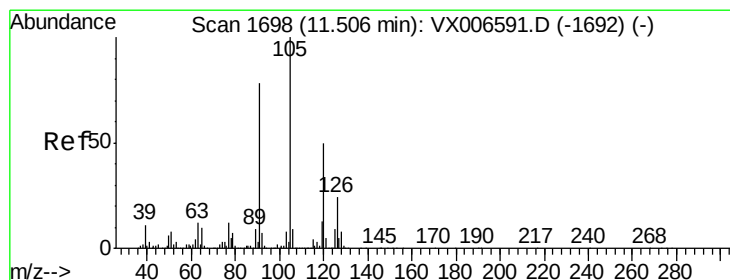
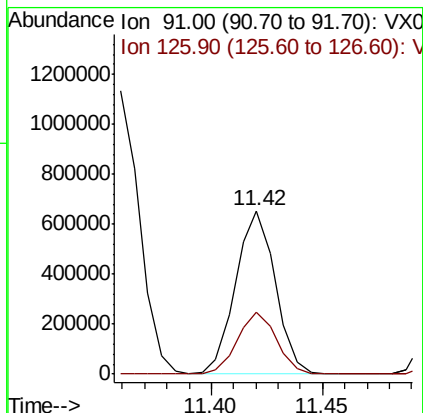
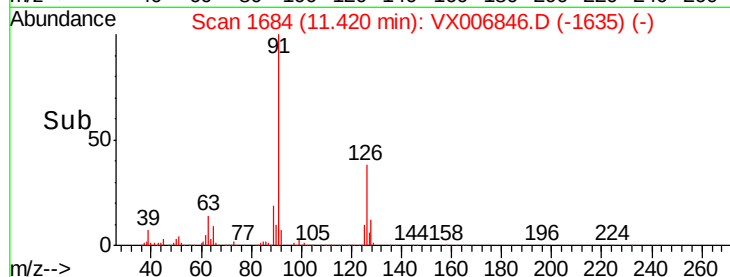
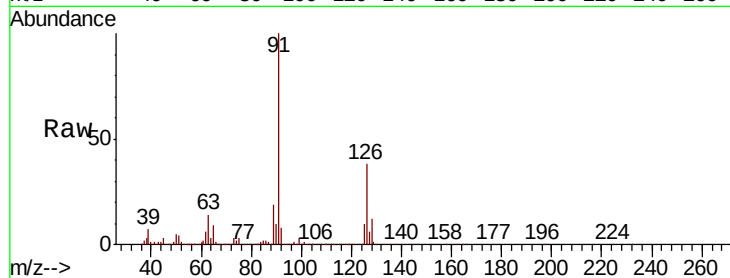
ClientSampleId :

Tot Ion: 91 Resp: 810345

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 44.933 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006846.D

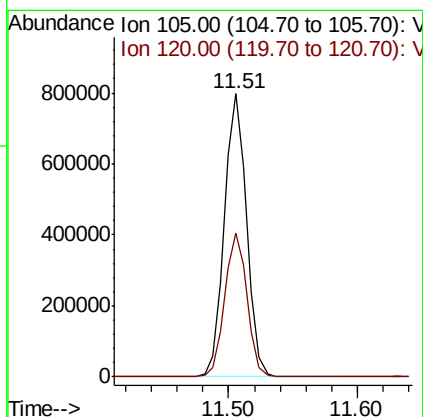
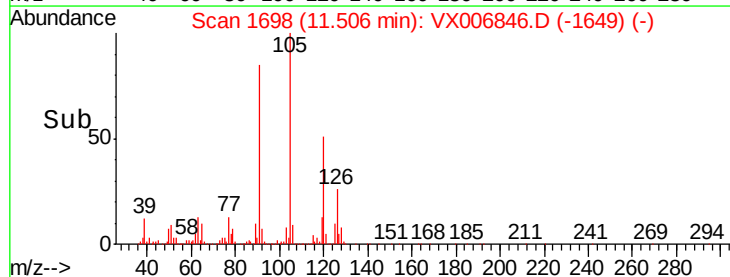
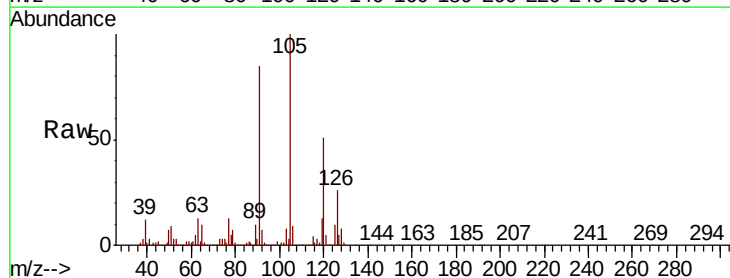
Acq: 27 Dec 2018 16:55

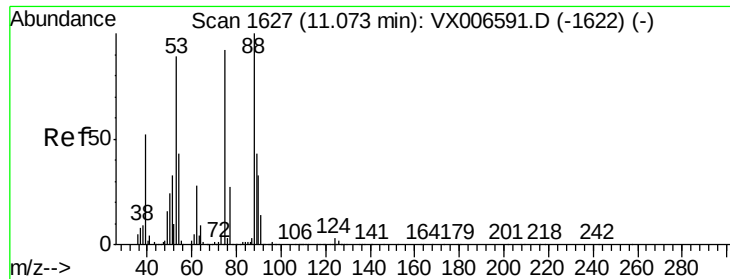
Tgt Ion:105 Resp: 971509

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.3

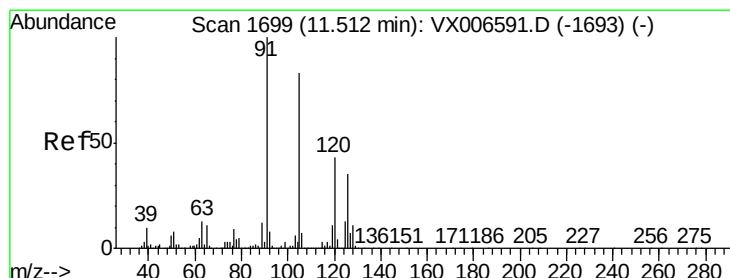
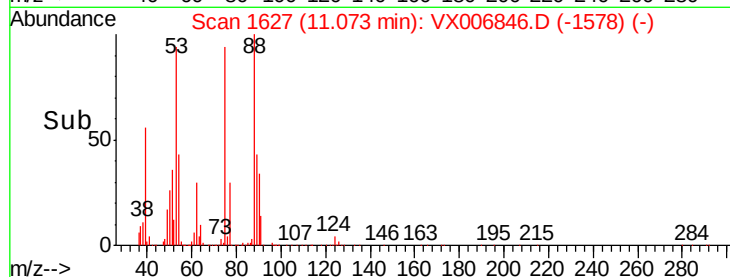
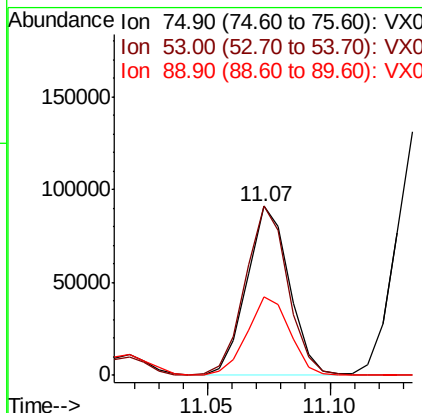
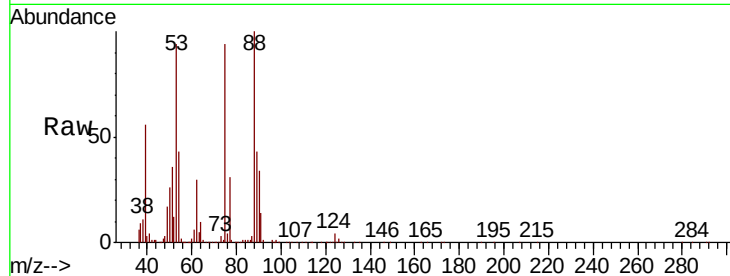




#81
trans-1,4-Dichloro-2-butene
Concen: 47.453 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

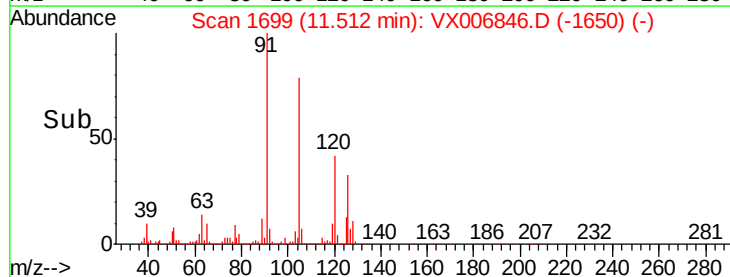
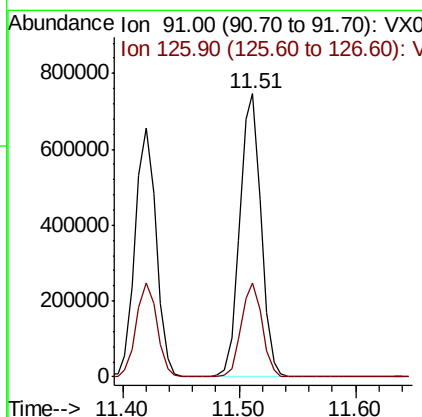
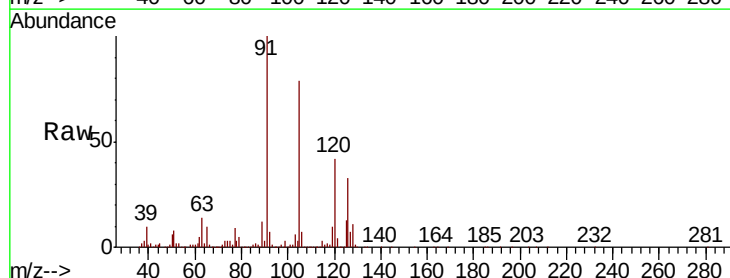
Instrument :
MSVOA_X
ClientSampleId :

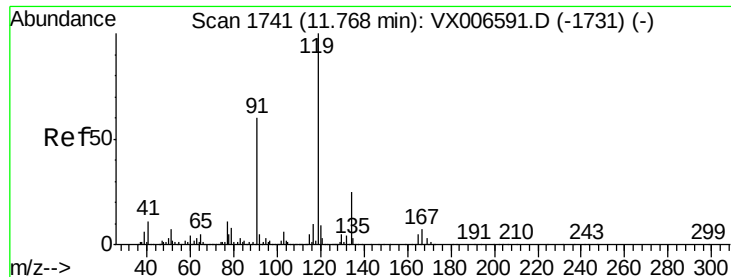
Tot Ion: 75 Resp: 110637
Ion Ratio Lower Upper
75 100
53 99.6 79.7 119.5
89 47.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 47.267 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 91 Resp: 949775
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9





#83

tert-Butylbenzene

Concen: 46.313 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

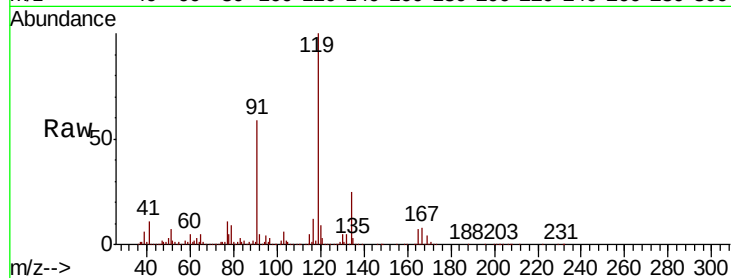
Tot Ion:119 Resp: 1002176

Ion Ratio Lower Upper

119 100

91 53.8 27.7 83.1

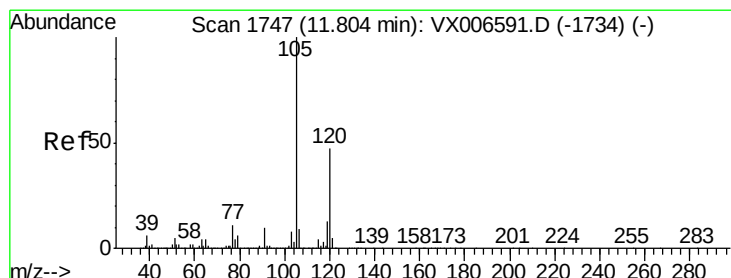
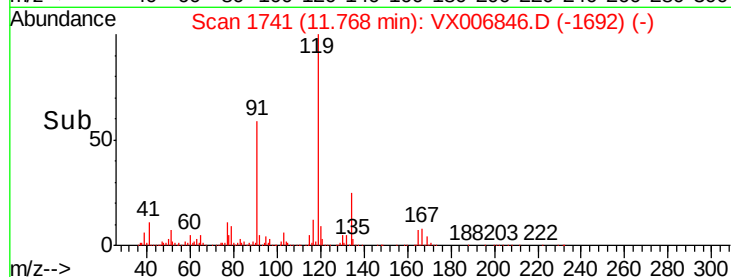
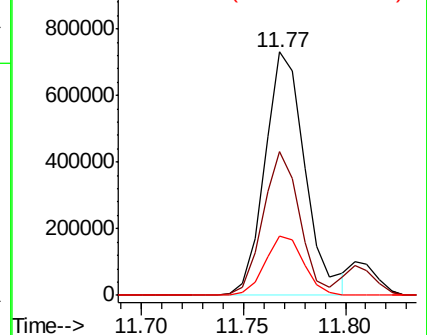
134 23.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 44.288 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006846.D

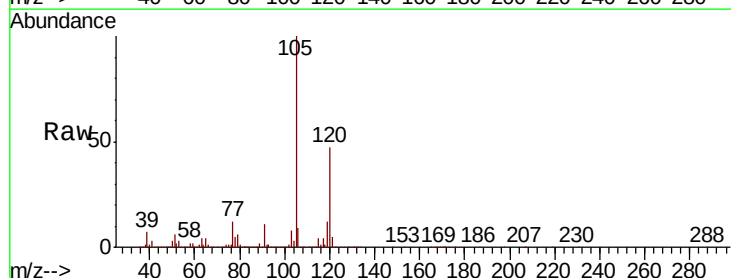
Acq: 27 Dec 2018 16:55

Tgt Ion:105 Resp: 1007189

Ion Ratio Lower Upper

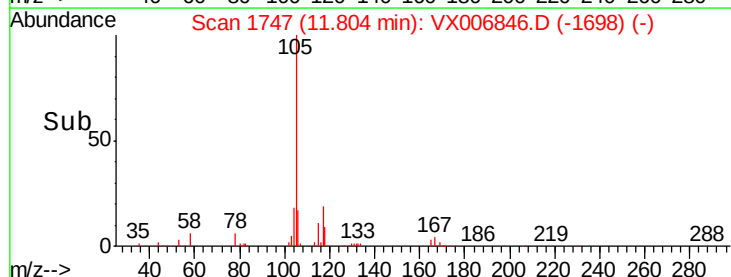
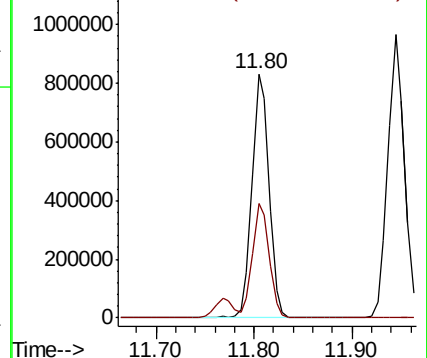
105 100

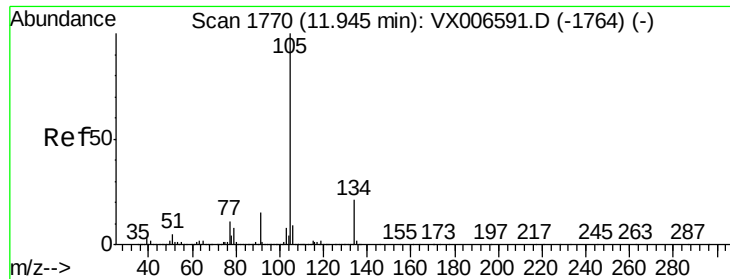
120 45.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 42.954 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA_X

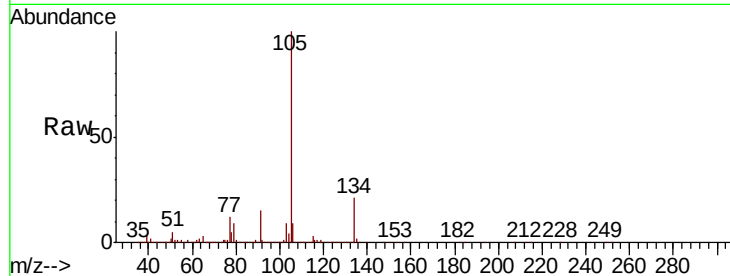
ClientSampleId :

Tot Ion:105 Resp: 1139610

Ion Ratio Lower Upper

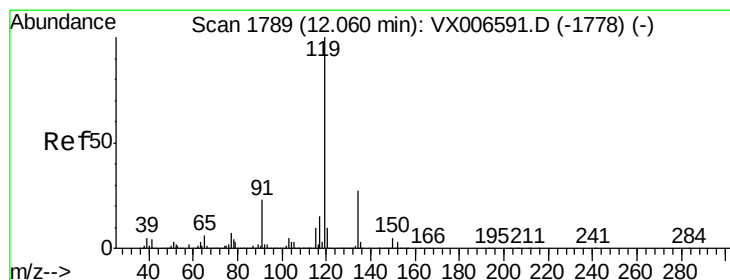
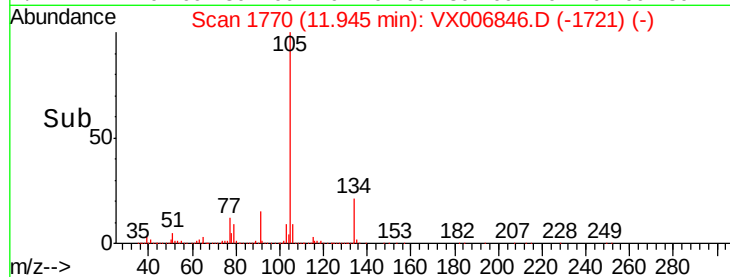
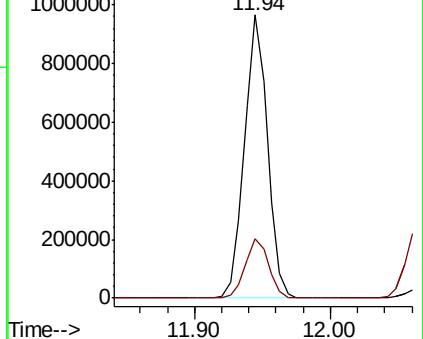
105 100

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



#86

p-Isopropyltoluene

Concen: 44.447 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

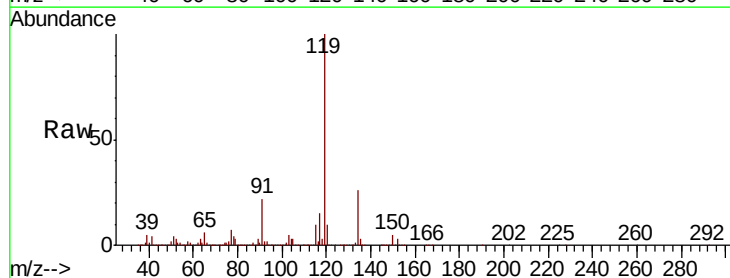
Tgt Ion:119 Resp: 1036597

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

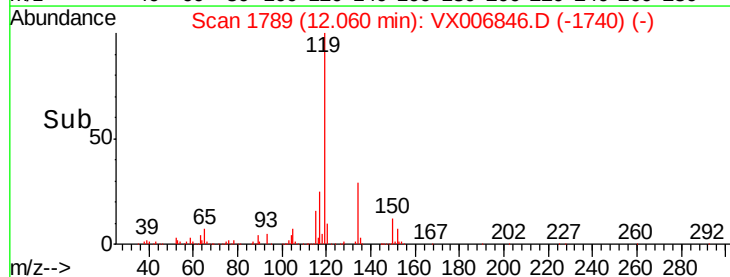
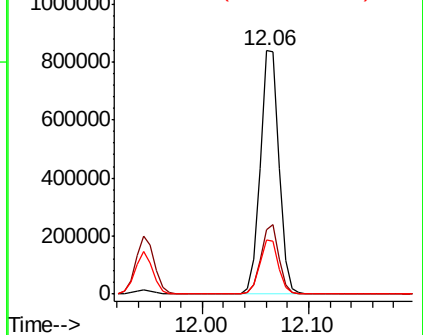
91 22.2 11.3 33.9

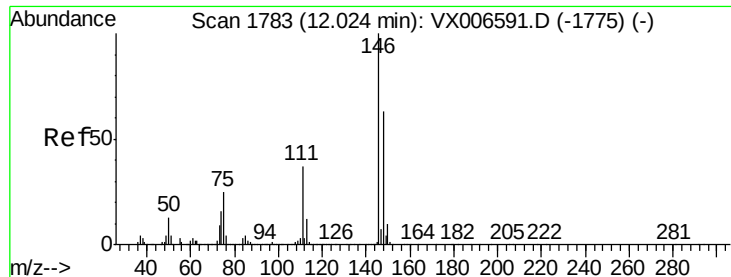


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

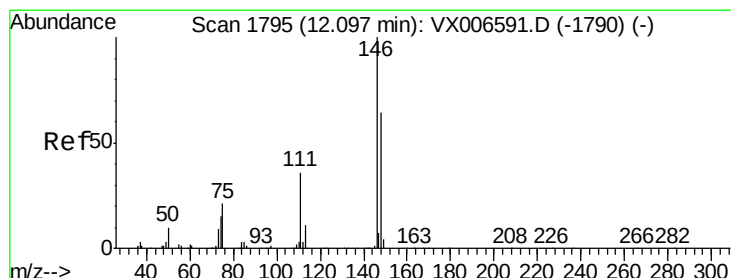
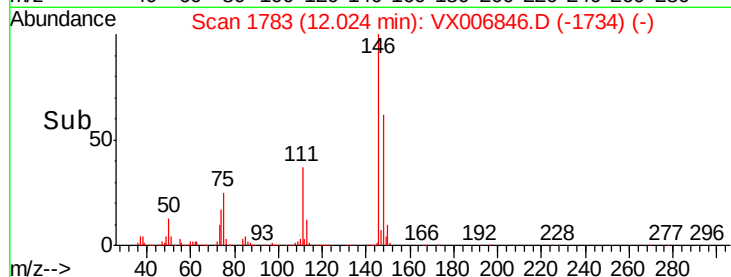
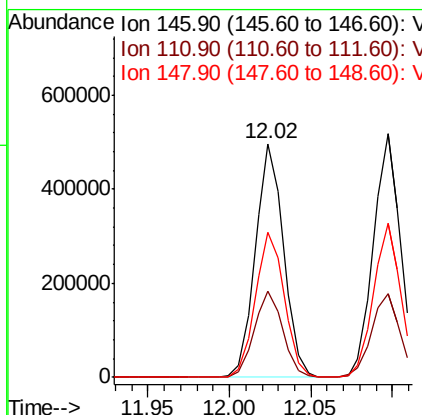
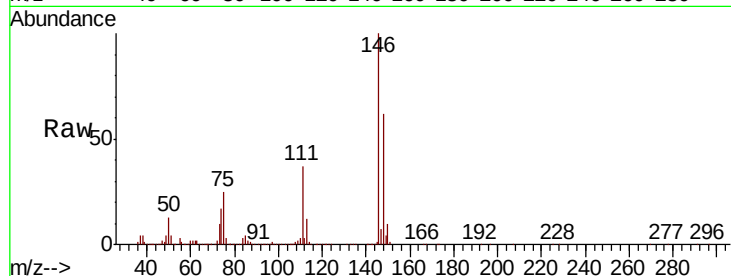




#87
 1,3-Dichlorobenzene
 Concen: 46.757 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

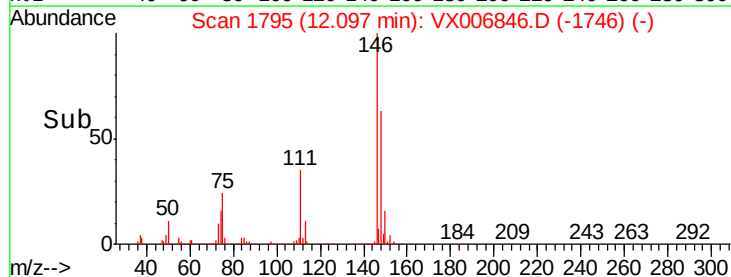
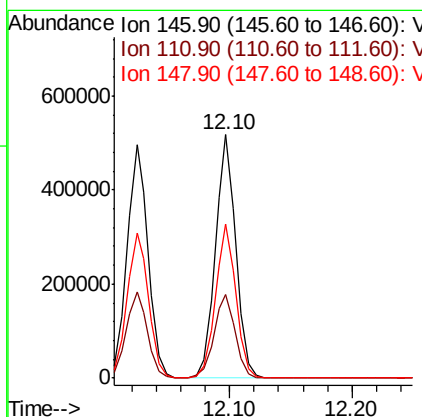
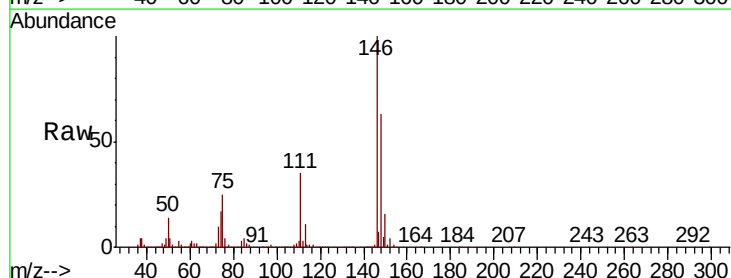
Instrument :
 MSVOA_X
 ClientSampleId :

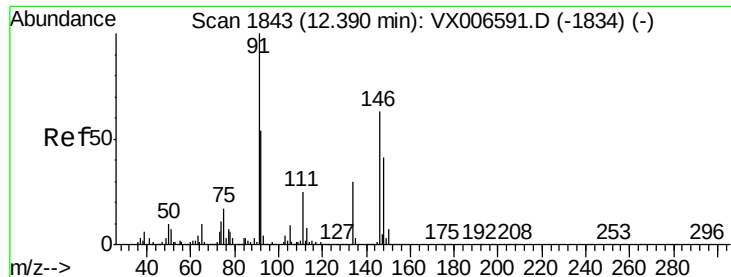
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	63.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.057 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	62.9	31.9	95.9

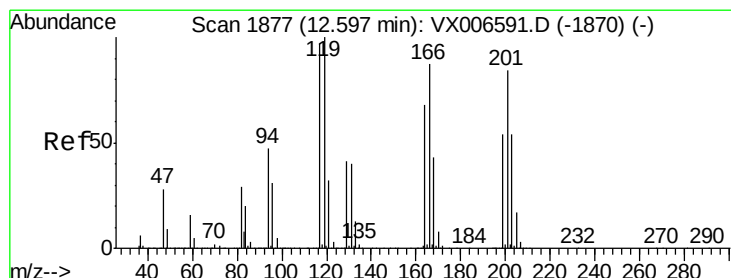
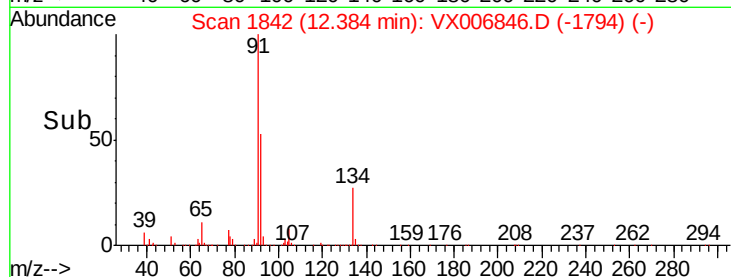
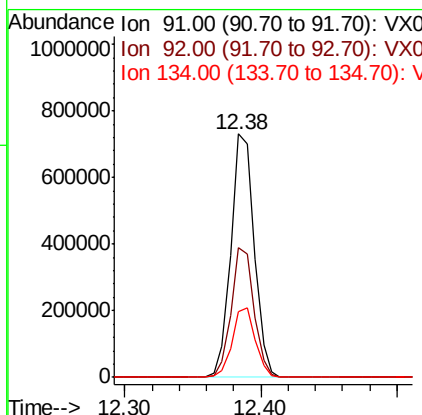
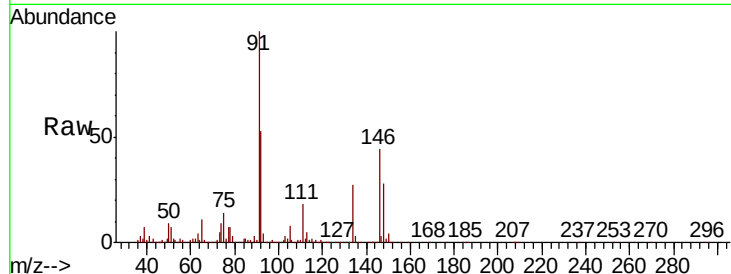




#89
n-Butylbenzene
Concen: 43.864 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

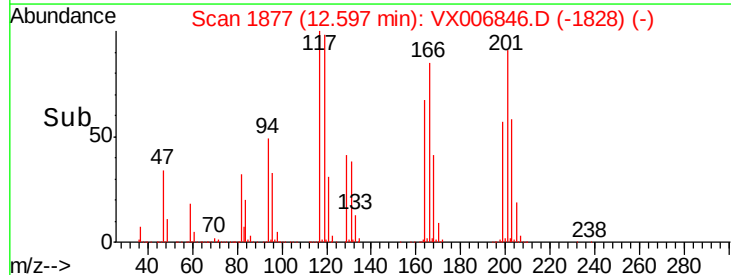
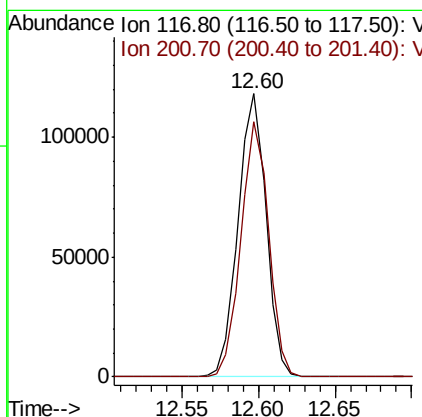
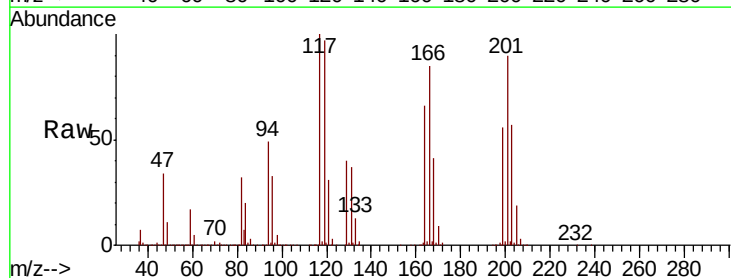
Instrument :
MSVOA_X
ClientSampled :

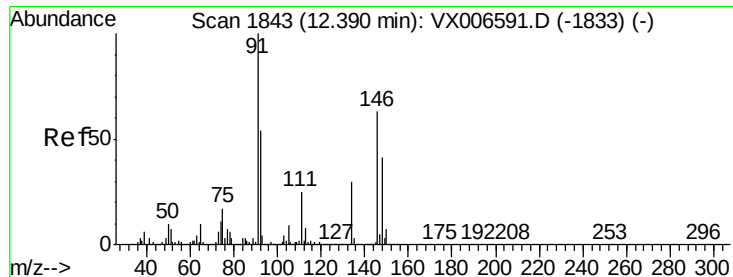
Tot Ion: 91 Resp: 870611
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.4
134 28.3 14.4 43.2



#90
Hexachloroethane
Concen: 41.675 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006846.D
Acq: 27 Dec 2018 16:55

Tgt Ion: 117 Resp: 149971
Ion Ratio Lower Upper
117 100
201 89.1 42.9 128.7

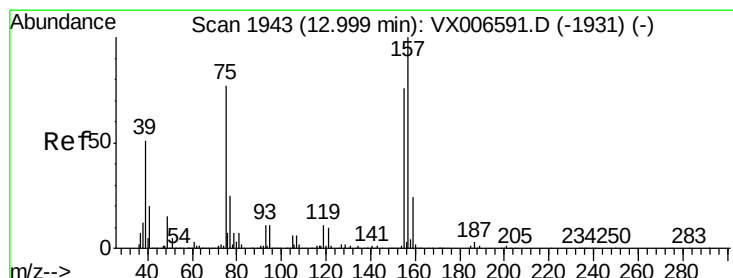
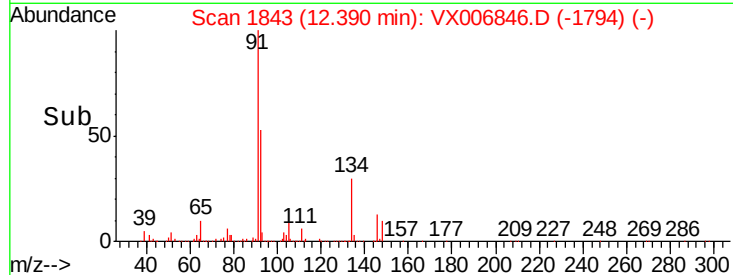
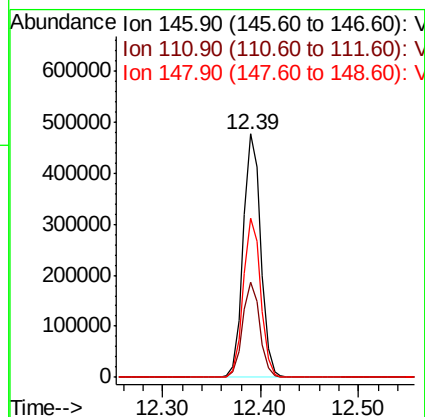
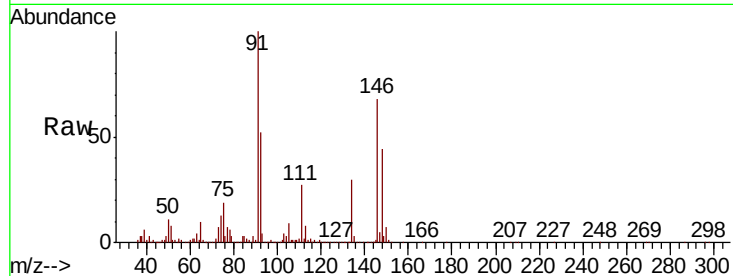




#91
 1,2-Dichlorobenzene
 Concen: 46.122 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

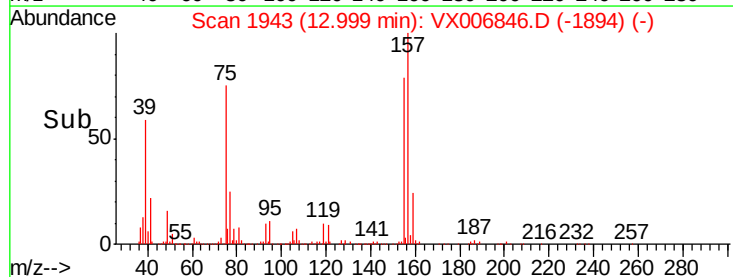
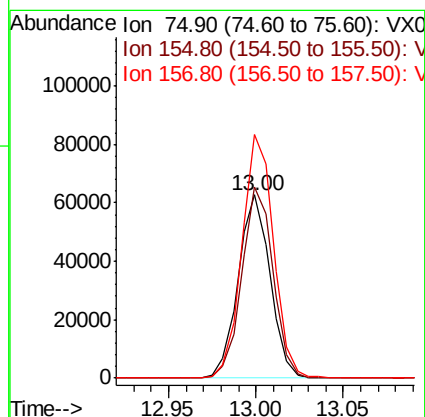
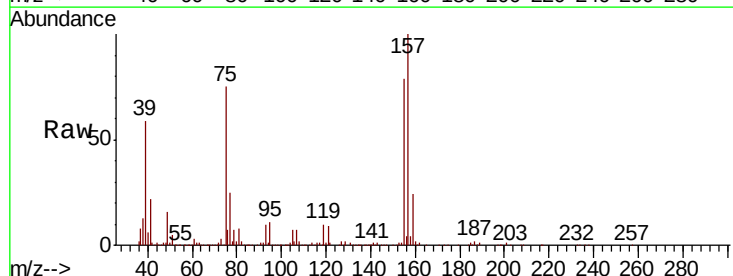
Instrument :
 MSVOA_X
 ClientSampleId :

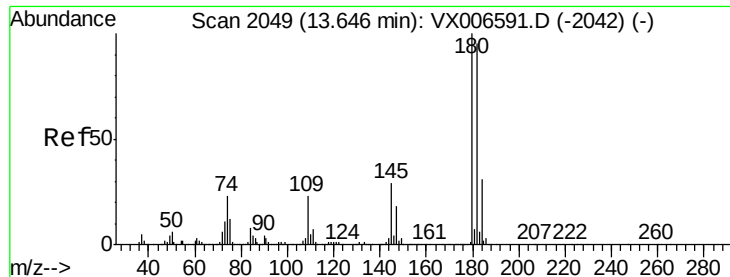
Tot Ion:146 Resp: 590111
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.2
 148 64.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.143 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion: 75 Resp: 79382
 Ion Ratio Lower Upper
 75 100
 155 102.6 50.6 151.8
 157 131.6 64.6 193.8

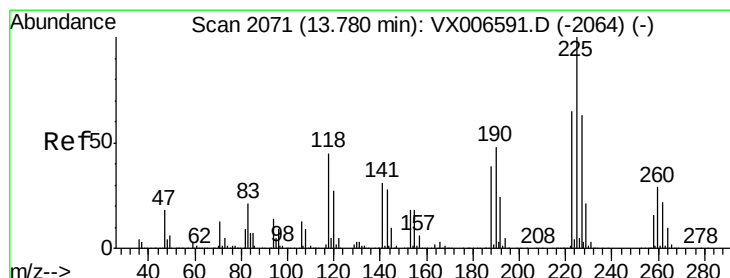
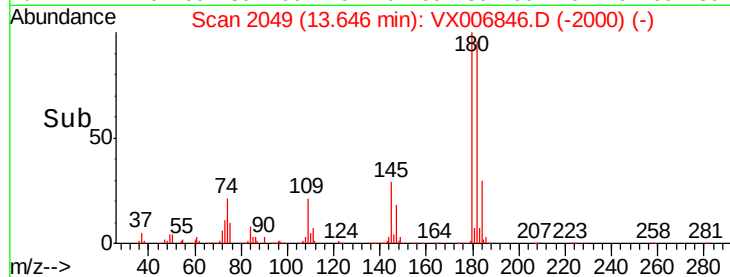
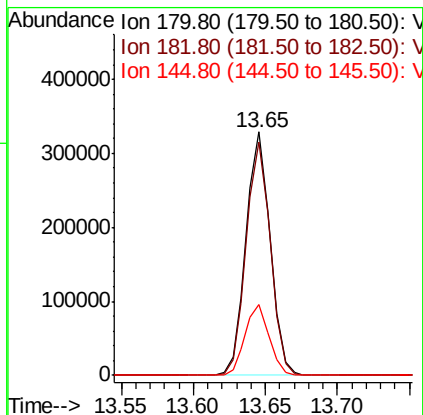
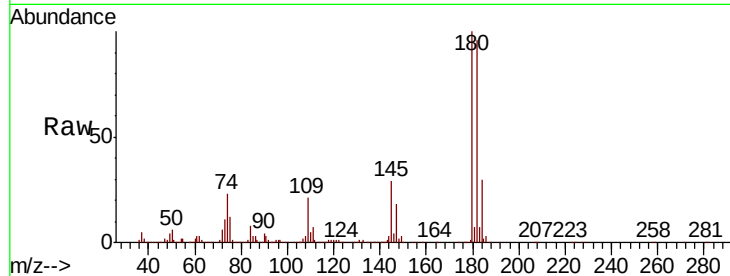




#93
 1,2,4-Trichlorobenzene
 Concen: 43.284 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

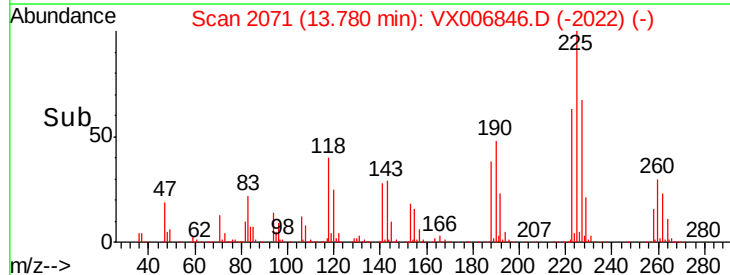
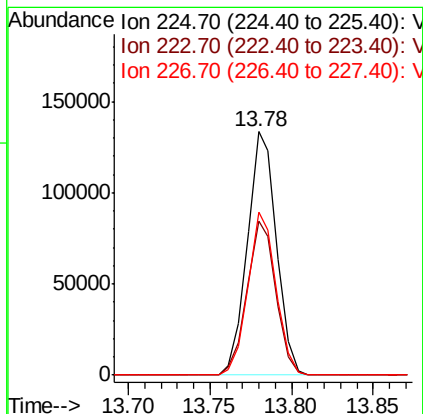
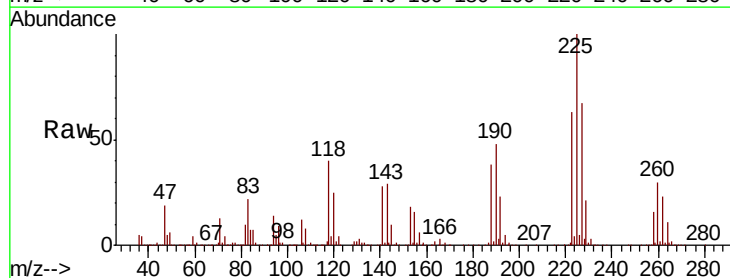
Instrument :
 MSVOA_X
 ClientSampled :

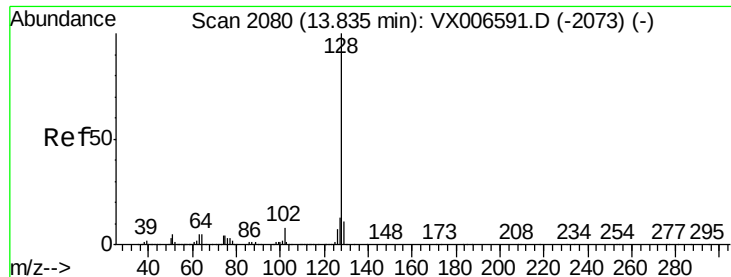
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	28.9	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 40.048 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006846.D
 Acq: 27 Dec 2018 16:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.1	96.3
227	64.5	32.3	96.8





#95

Naphthalene

Concen: 41.955 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

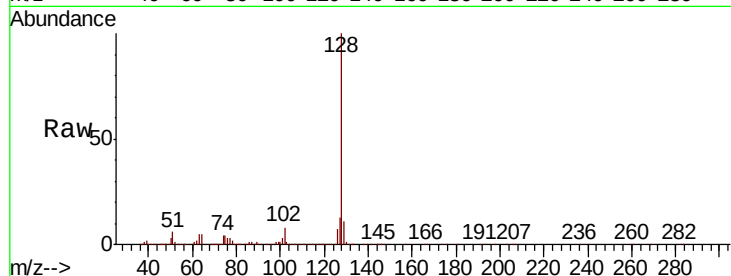
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1181817

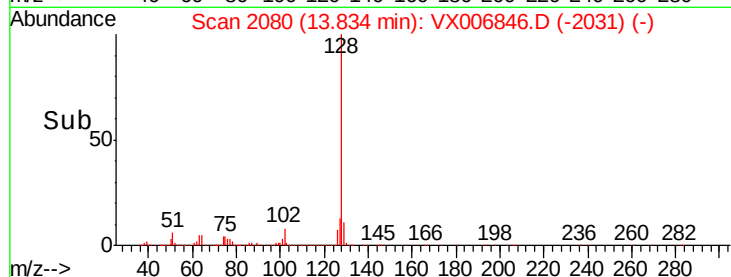
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

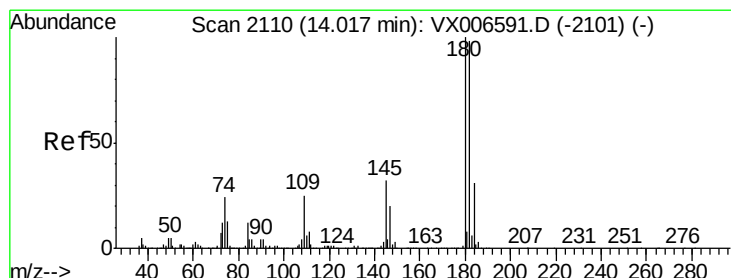
Ion 129.00 (128.70 to 129.70): V



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 41.185 ug/l

RT: 14.02 min Scan# 2110

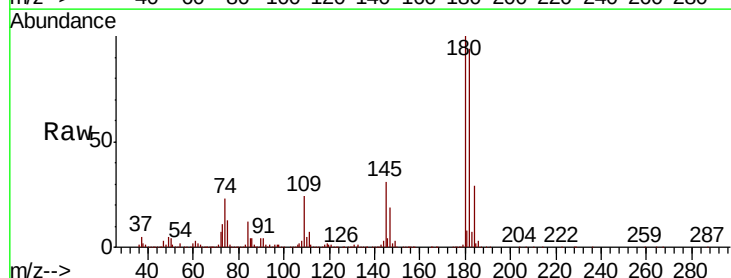
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion:180 Resp: 375297

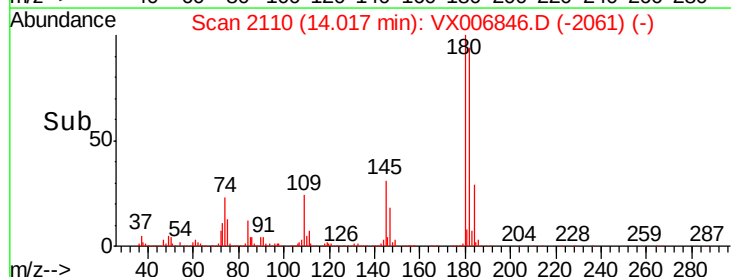
Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.5	145.5
145	30.5	16.0	47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V