

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007664.D
 Acq On : 25 Feb 2019 10:41
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 26 01:35:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:13:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	348229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	552374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238469	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	83383	19.33	ug/l	0.00
Spiked Amount			Recovery	=	38.66%	
35) Dibromofluoromethane	5.51	113	75415	20.42	ug/l	0.00
Spiked Amount			Recovery	=	40.84%	
50) Toluene-d8	8.71	98	273040	19.32	ug/l	0.00
Spiked Amount			Recovery	=	38.64%	
62) 4-Bromofluorobenzene	11.13	95	92951	17.91	ug/l	0.00
Spiked Amount			Recovery	=	35.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	64911	20.235	ug/l	95
3) Chloromethane	1.34	50	68002	19.130	ug/l	98
4) Vinyl Chloride	1.42	62	70249	19.262	ug/l	99
5) Bromomethane	1.65	94	49294	18.749	ug/l	99
6) Chloroethane	1.73	64	44055	18.907	ug/l	97
7) Trichlorofluoromethane	1.94	101	108470	19.401	ug/l	95
8) Diethyl Ether	2.20	74	42899	18.696	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63188	18.699	ug/l	94
10) Methyl Iodide	2.52	142	82172	19.529	ug/l	95
11) Tert butyl alcohol	3.07	59	81558	99.654	ug/l	97
12) 1,1-Dichloroethene	2.39	96	60789	19.957	ug/l	95
13) Acrolein	2.30	56	69416	95.450	ug/l	100
14) Allyl chloride	2.73	41	109025	19.357	ug/l	97
15) Acrylonitrile	3.15	53	190224	98.768	ug/l	99
16) Acetone	2.45	43	188825	98.439	ug/l	98
17) Carbon Disulfide	2.58	76	163203	19.259	ug/l	99
18) Methyl Acetate	2.78	43	83526	19.955	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	206222	19.442	ug/l	98
20) Methylene Chloride	2.86	84	66237	18.701	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	62932	19.004	ug/l	91
22) Diisopropyl ether	3.87	45	222341	18.964	ug/l	95
23) Vinyl Acetate	3.83	43	994225	96.652	ug/l	99
24) 1,1-Dichloroethane	3.70	63	124878	19.598	ug/l	99
25) 2-Butanone	4.70	43	291863	99.888	ug/l	100
26) 2,2-Dichloropropane	4.59	77	95343	18.745	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	82508	19.582	ug/l	98
28) Bromochloromethane	5.03	49	64432	20.771	ug/l	88
29) Tetrahydrofuran	5.16	42	185359	96.238	ug/l	100
30) Chloroform	5.22	83	130853	19.171	ug/l	97
31) Cyclohexane	5.58	56	113637	18.959	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	110628	19.598	ug/l	97
36) 1,1-Dichloropropene	5.80	75	93796	18.887	ug/l	99
37) Ethyl Acetate	4.86	43	108743	19.712	ug/l	99
38) Carbon Tetrachloride	5.79	117	94300	18.904	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116125	18.502	ug/l	98
40) Benzene	6.15	78	298291	19.458	ug/l	100
41) Methacrylonitrile	5.07	41	57500	19.520	ug/l	98
42) 1,2-Dichloroethane	6.20	62	98406	19.099	ug/l	98
43) Isopropyl Acetate	6.46	43	163501	19.258	ug/l	98
44) Trichloroethene	7.21	130	82289	19.513	ug/l	92
45) 1,2-Dichloropropane	7.52	63	77275	19.460	ug/l	96
46) Dibromomethane	7.66	93	52621	18.994	ug/l	91
47) Bromodichloromethane	7.90	83	91752	19.111	ug/l	98
48) Methyl methacrylate	7.77	41	83640	18.794	ug/l	98
49) 1,4-Dioxane	7.76	88	37590	391.070	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	552342	97.190	ug/l	99
52) Toluene	8.79	92	182708	18.901	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	100538	19.085	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	112192	19.257	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	76563	18.993	ug/l	99
56) Ethyl methacrylate	9.18	69	109254	19.059	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125854	19.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	310433	98.201	ug/l	98
59) 2-Hexanone	9.49	43	436054	97.731	ug/l	99
60) Dibromochloromethane	9.59	129	74484	19.203	ug/l	100
61) 1,2-Dibromoethane	9.67	107	80614	19.261	ug/l	99
64) Tetrachloroethene	9.34	164	76436	19.273	ug/l	90
65) Chlorobenzene	10.14	112	205045	19.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	71561	19.417	ug/l	98
67) Ethyl Benzene	10.25	91	337048	19.257	ug/l	97
68) m/p-Xylenes	10.36	106	262685	38.578	ug/l	98
69) o-Xylene	10.69	106	126327	19.288	ug/l	98
70) Styrene	10.71	104	204393	18.986	ug/l	98
71) Bromoform	10.85	173	51772	18.733	ug/l #	99
73) Isopropylbenzene	11.02	105	339210	19.902	ug/l	100
74) N-amyl acetate	10.90	43	147132	19.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	115782	19.641	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	131474	25.865	ug/l	78
77) Bromobenzene	11.26	156	84562	19.781	ug/l	88
78) n-propylbenzene	11.36	91	383021	19.887	ug/l	97
79) 2-Chlorotoluene	11.42	91	226202	19.506	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	276415	19.717	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32175	19.135	ug/l	93
82) 4-Chlorotoluene	11.51	91	261329	19.263	ug/l	98
83) tert-Butylbenzene	11.77	119	264018	19.614	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	286923	20.008	ug/l	97
85) sec-Butylbenzene	11.94	105	333537	19.774	ug/l	99
86) p-Isopropyltoluene	12.06	119	291210	19.714	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	153716	19.385	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	153929	18.954	ug/l	97
89) n-Butylbenzene	12.39	91	254381	19.309	ug/l	99
90) Hexachloroethane	12.60	117	47653	19.146	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	150870	19.016	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24321	18.935	ug/l	86

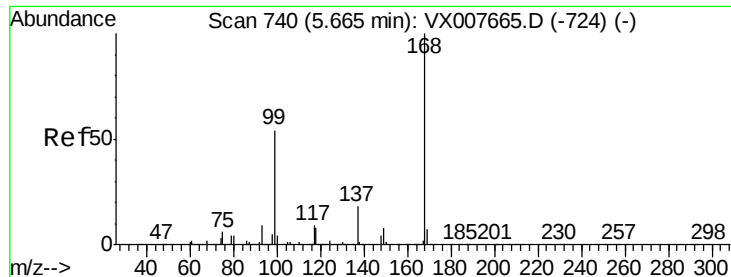
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94072	19.424	ug/l	98
94) Hexachlorobutadiene	13.78	225	43370	19.576	ug/l	98
95) Naphthalene	13.83	128	321601	20.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95387	19.615	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

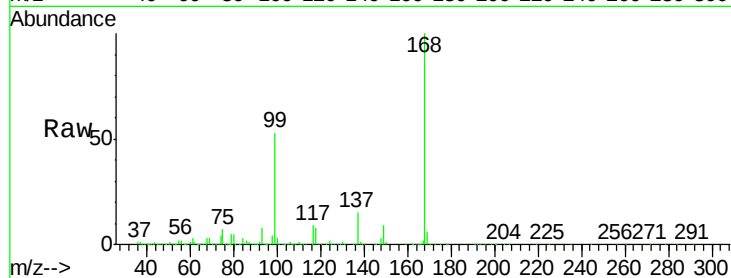
VSTDIC020

Tot Ion:168 Resp: 348229

Ion Ratio Lower Upper

168 100

99 53.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

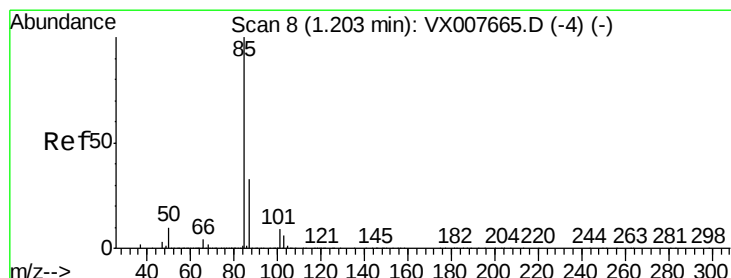
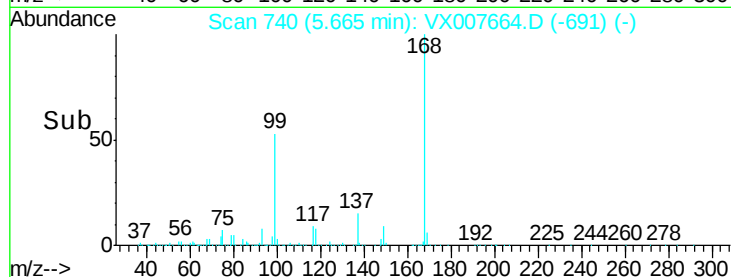
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.235 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007664.D

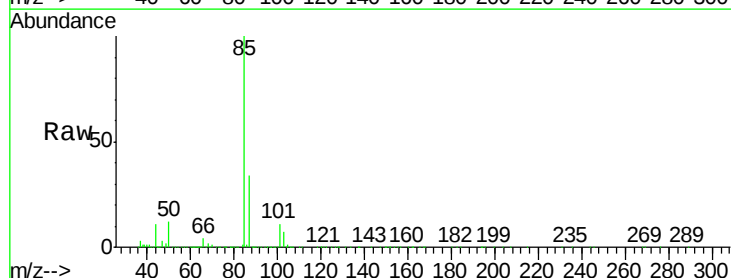
Acq: 25 Feb 2019 10:41

Tgt Ion: 85 Resp: 64911

Ion Ratio Lower Upper

85 100

87 34.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

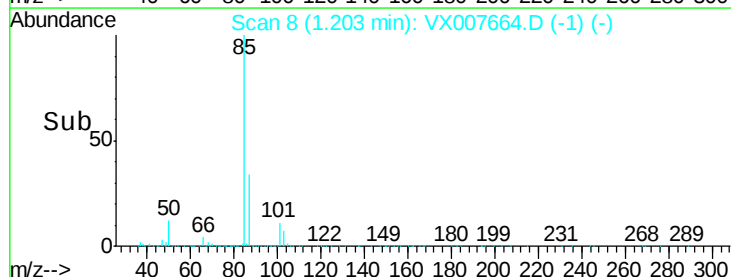
40000

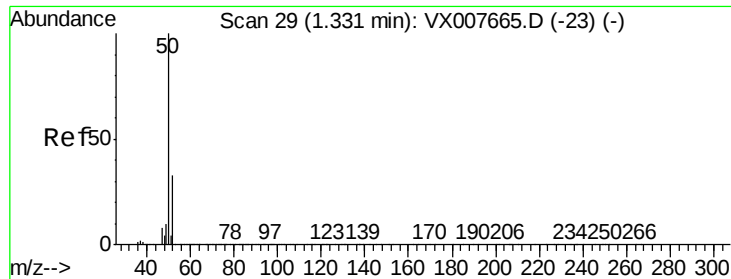
20000

0

Time-->

1.20 1.30





#3

Chloromethane

Concen: 19.130 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

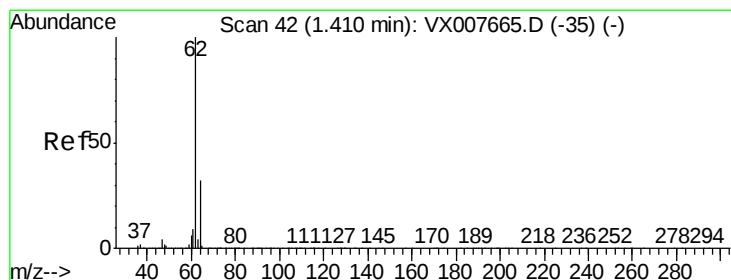
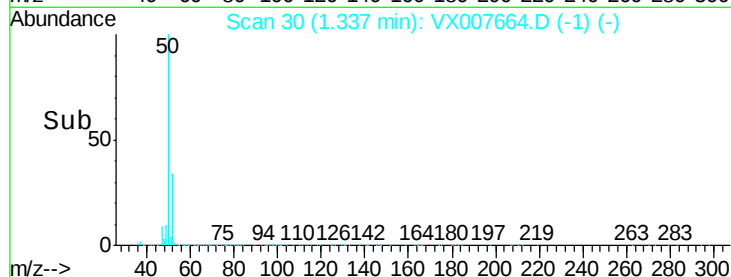
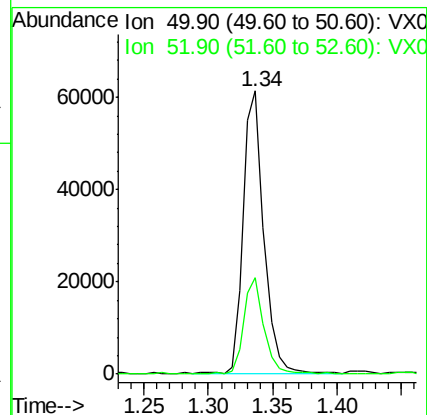
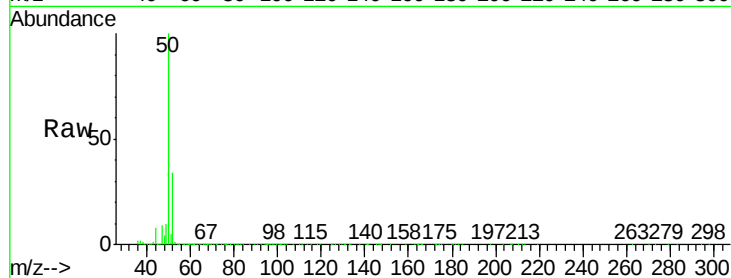
VSTDIC020

Tot Ion: 50 Resp: 68002

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 19.262 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX007664.D

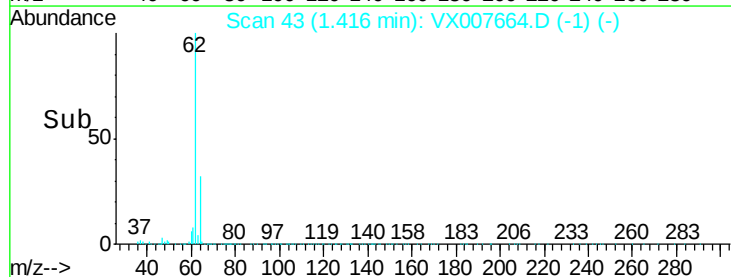
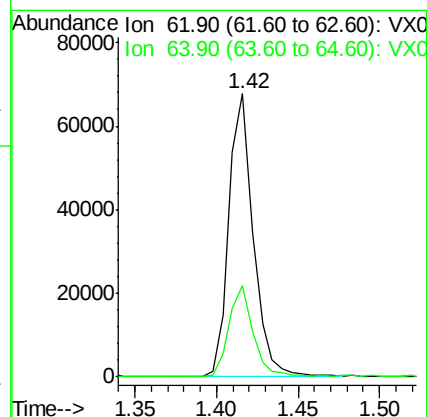
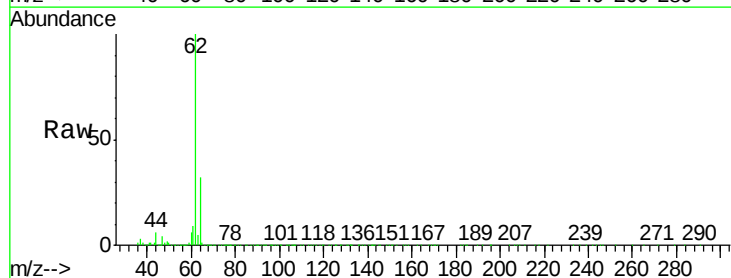
Acq: 25 Feb 2019 10:41

Tgt Ion: 62 Resp: 70249

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 18.749 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

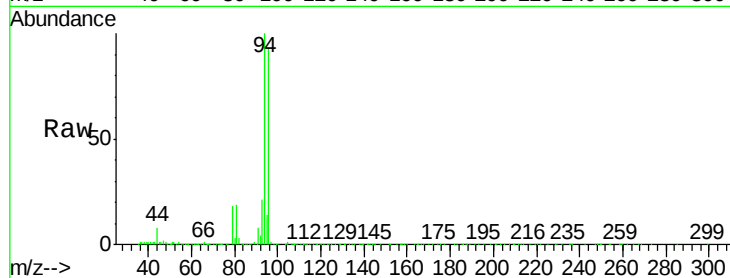
VSTDIC020

Tot Ion: 94 Resp: 49294

Ion Ratio Lower Upper

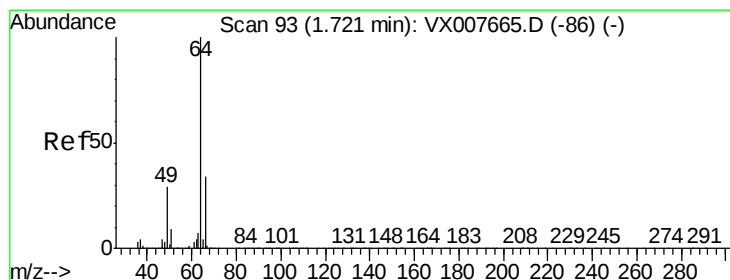
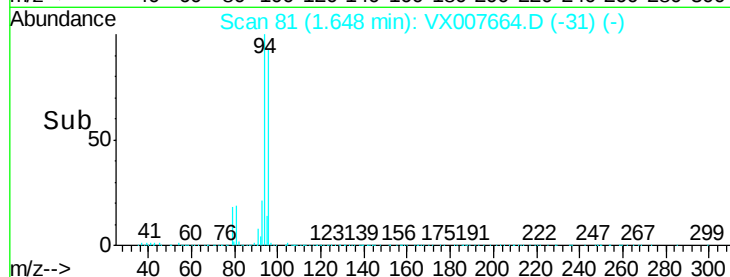
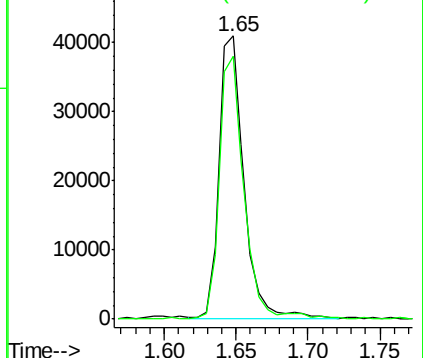
94 100

96 93.0 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.907 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX007664.D

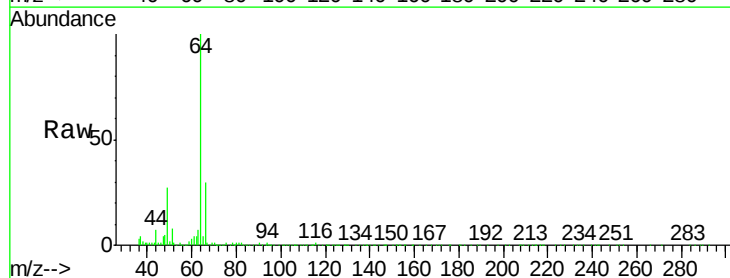
Acq: 25 Feb 2019 10:41

Tgt Ion: 64 Resp: 44055

Ion Ratio Lower Upper

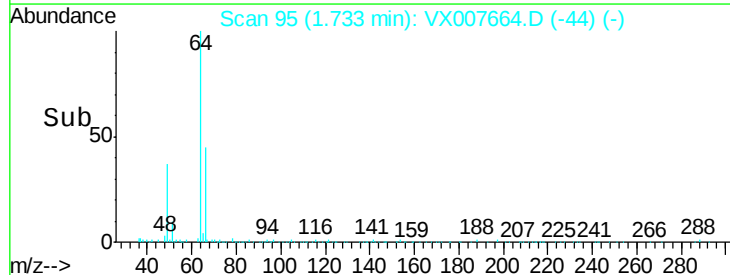
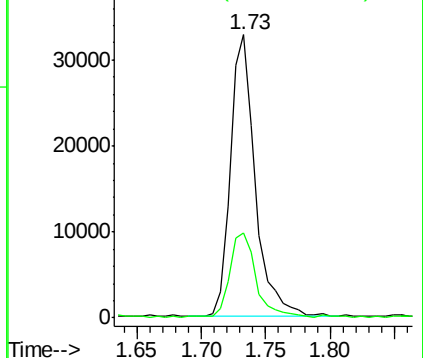
64 100

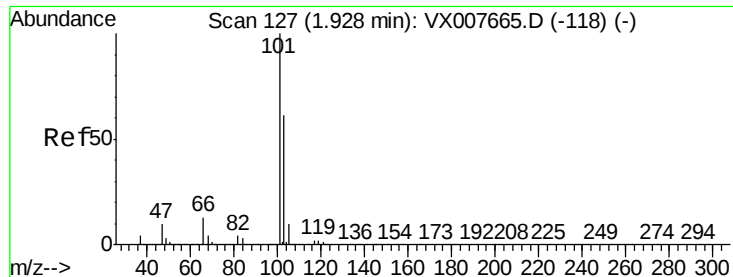
66 30.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



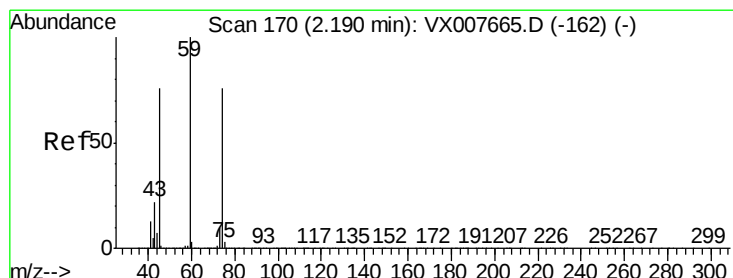
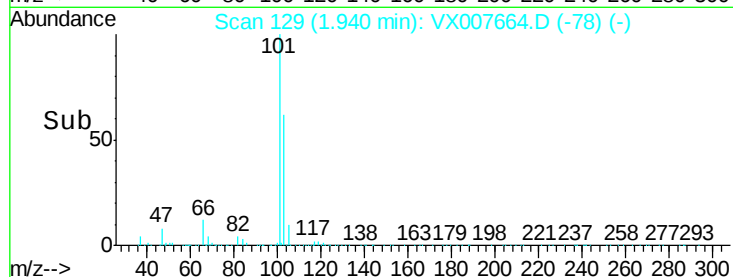
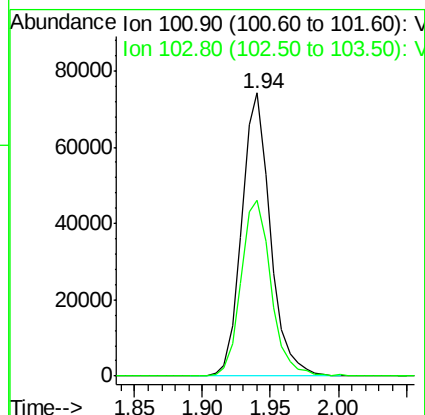
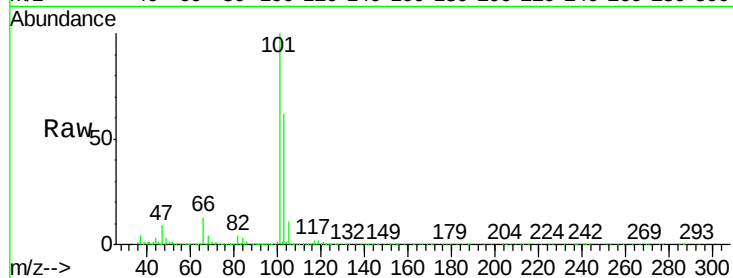


#7

Trichlorofluoromethane
Concen: 19.401 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

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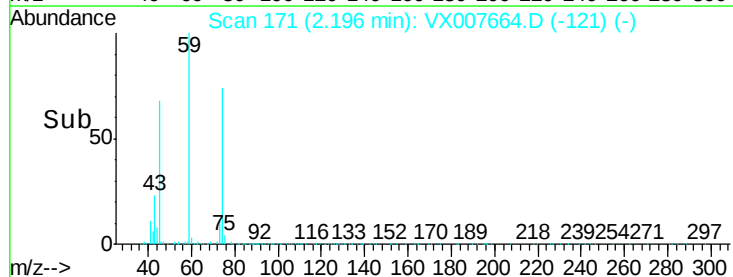
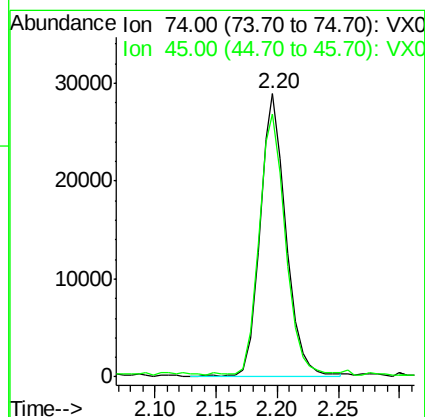
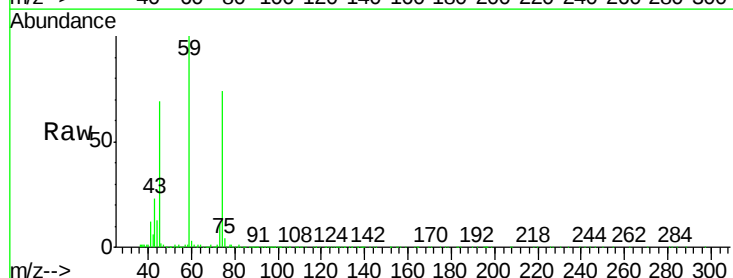
Tot Ion:101 Resp: 108470
Ion Ratio Lower Upper
101 100
103 61.9 52.6 79.0

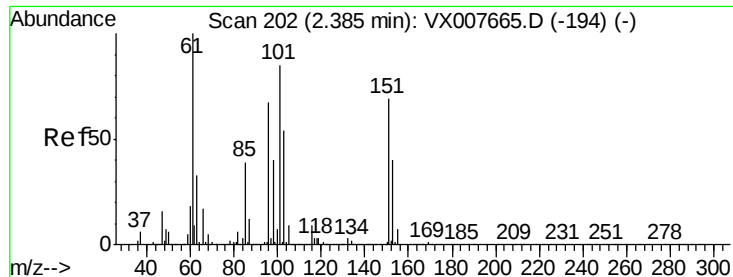


#8

Diethyl Ether
Concen: 18.696 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 74 Resp: 42899
Ion Ratio Lower Upper
74 100
45 92.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.699 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

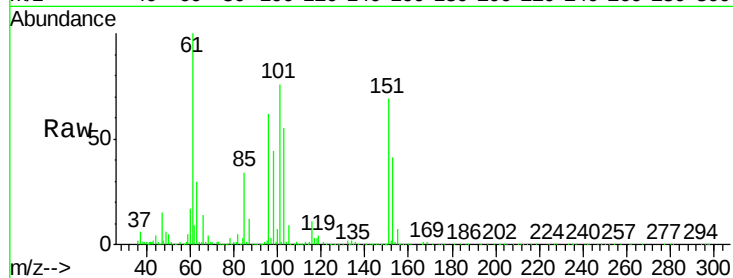
Tot Ion:101 Resp: 63188

Ion Ratio Lower Upper

101 100

85 45.5 34.1 51.1

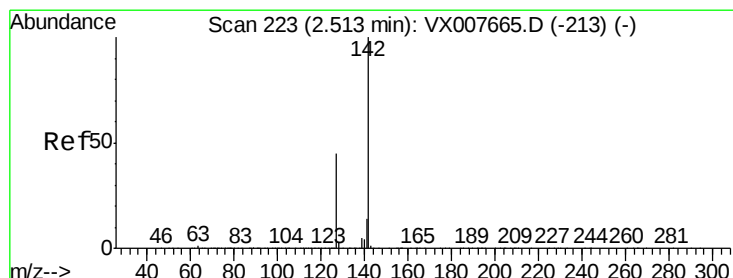
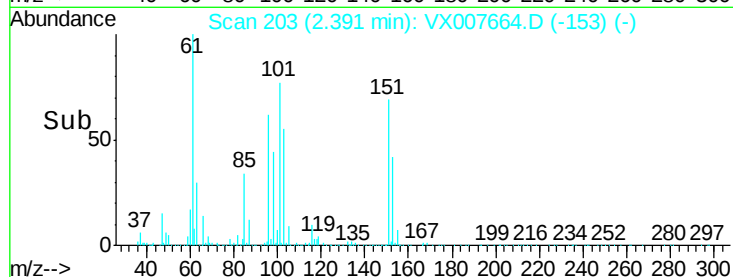
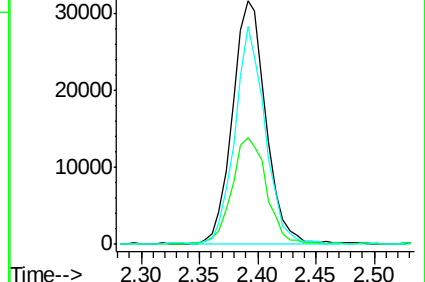
151 80.6 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.529 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

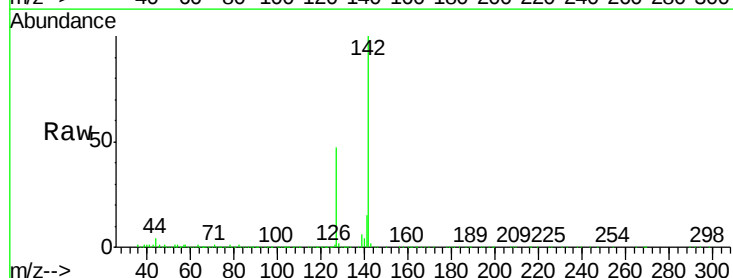
Tgt Ion:142 Resp: 82172

Ion Ratio Lower Upper

142 100

127 46.0 33.7 50.5

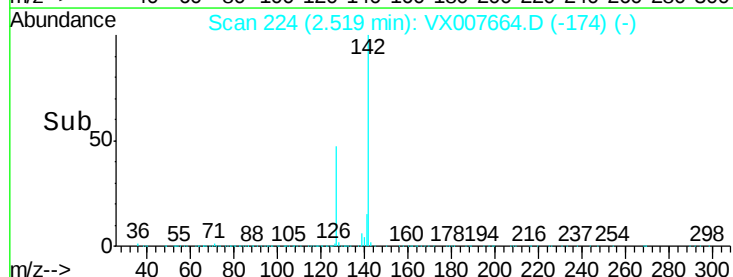
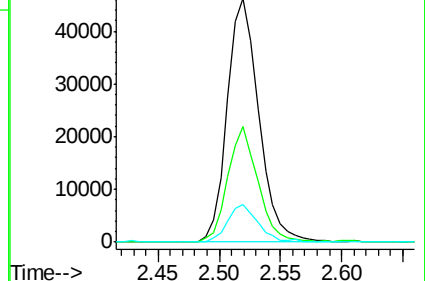
141 15.1 11.3 16.9

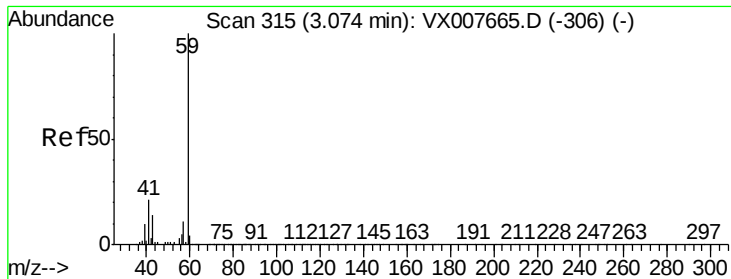


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



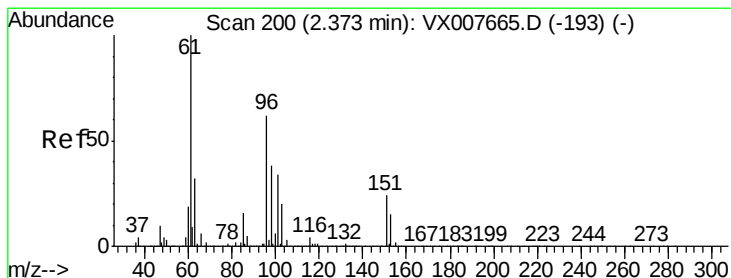
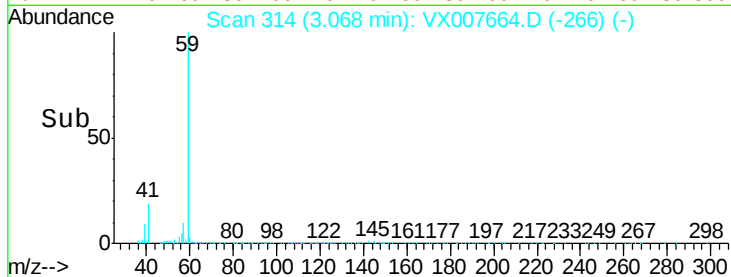
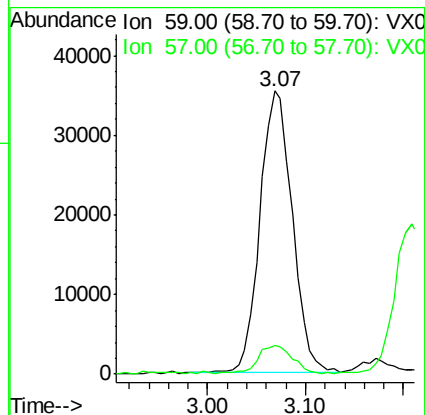
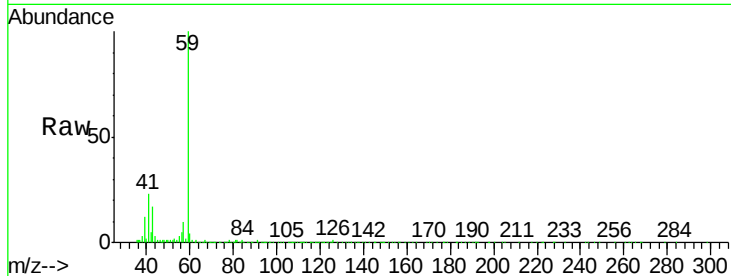


#11

Tert butyl alcohol
Concen: 99.654 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

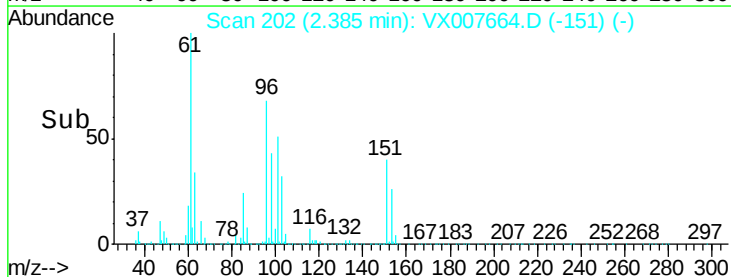
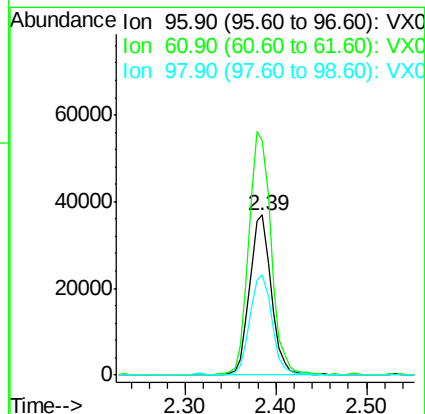
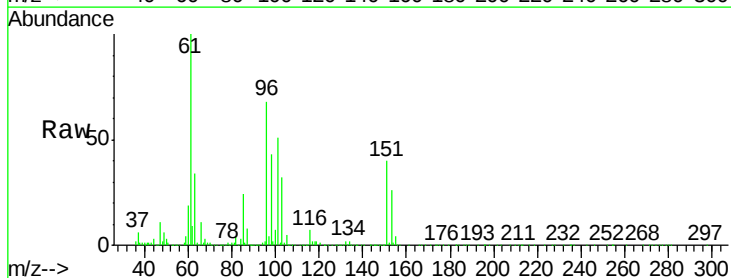
Tot Ion: 59 Resp: 81558
Ion Ratio Lower Upper
59 100
57 11.2 8.1 12.1

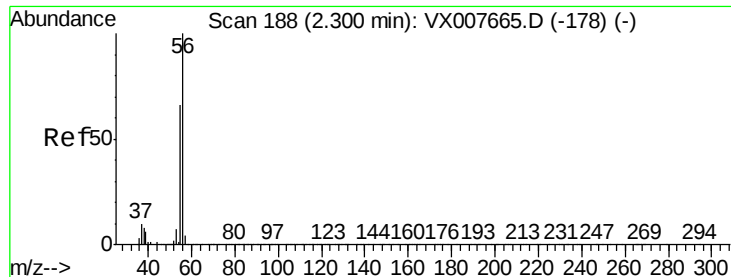


#12

1,1-Dichloroethene
Concen: 19.957 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 96 Resp: 60789
Ion Ratio Lower Upper
96 100
61 146.4 123.0 184.4
98 62.3 50.9 76.3





#13

Acrolein

Concen: 95.450 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

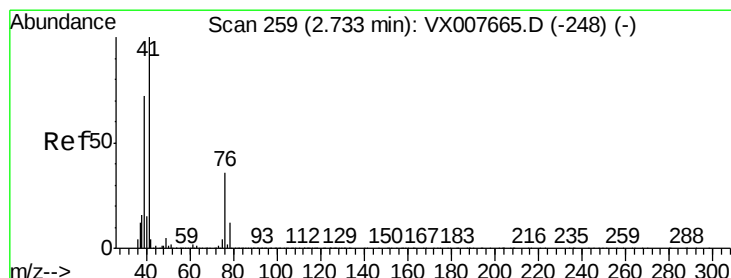
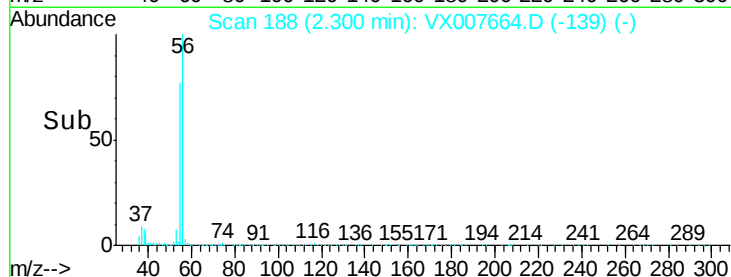
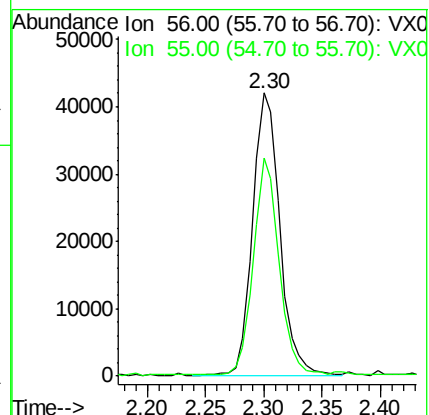
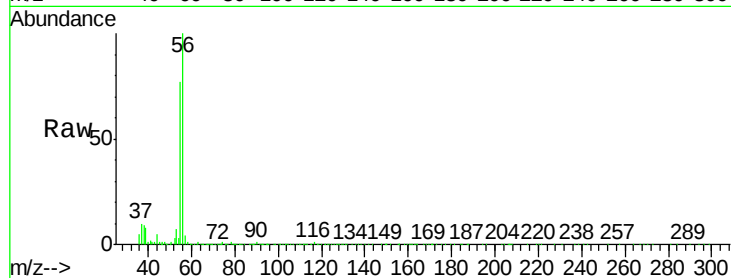
VSTDIC020

Tot Ion: 56 Resp: 69416

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 19.357 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

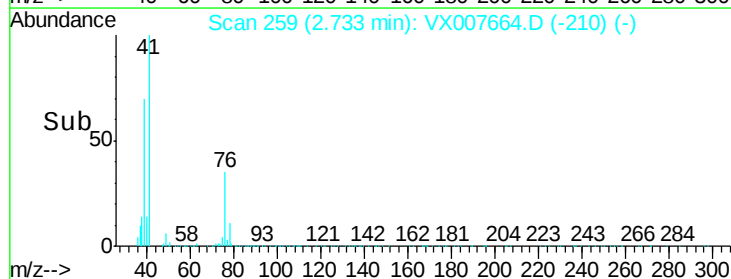
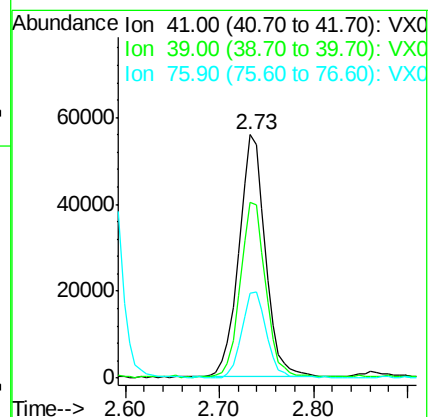
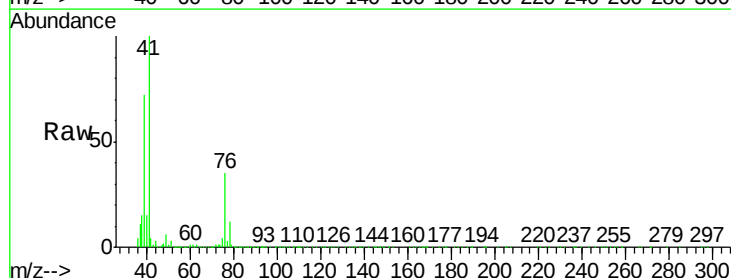
Tgt Ion: 41 Resp: 109025

Ion Ratio Lower Upper

41 100

39 69.8 54.1 81.1

76 33.4 27.8 41.8





#15

Acrylonitrile

Concen: 98.768 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

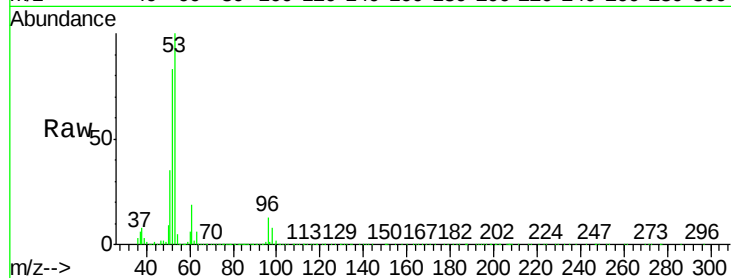
Tot Ion: 53 Resp: 190224

Ion Ratio Lower Upper

53 100

52 82.3 66.4 99.6

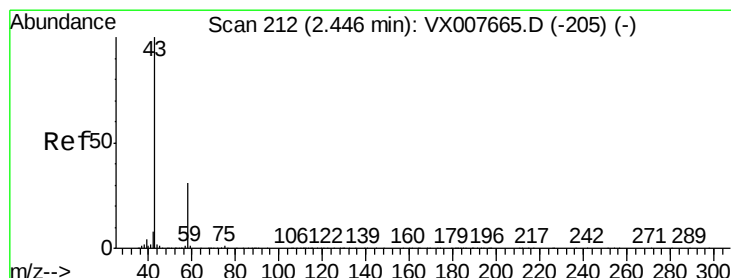
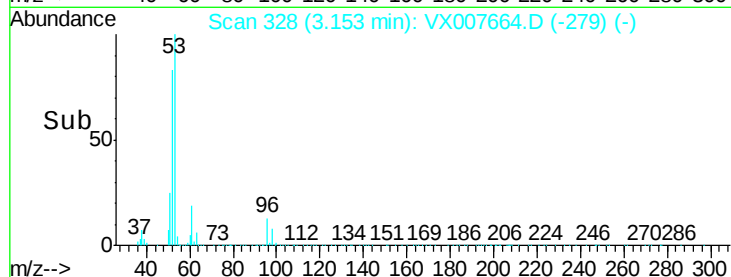
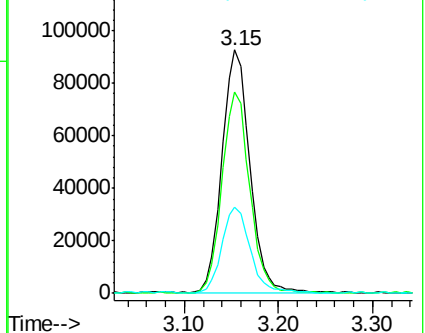
51 35.8 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.439 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007664.D

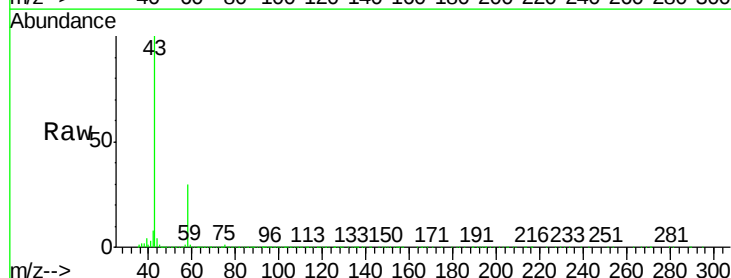
Acq: 25 Feb 2019 10:41

Tgt Ion: 43 Resp: 188825

Ion Ratio Lower Upper

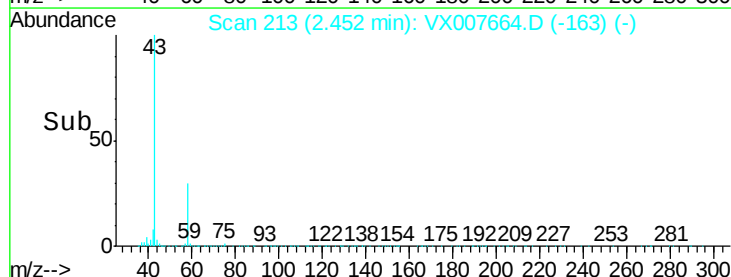
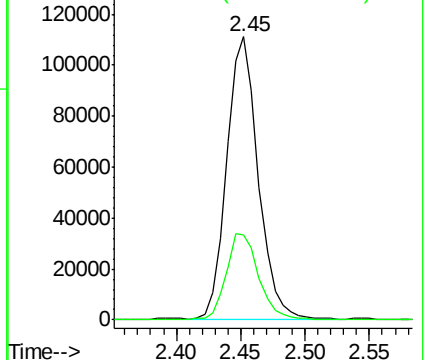
43 100

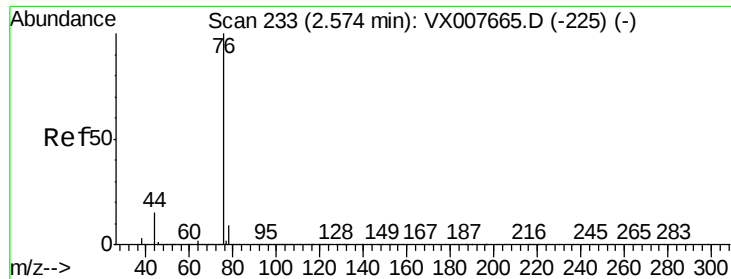
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.259 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

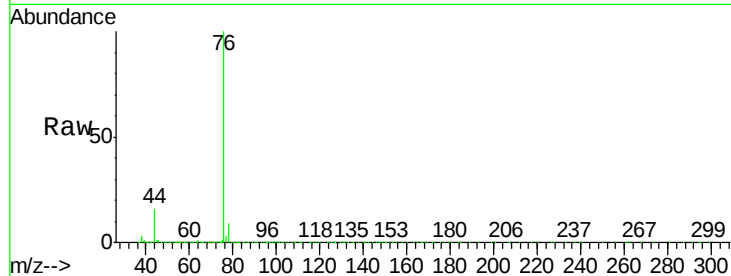
VSTDIC020

Tot Ion: 76 Resp: 163203

Ion Ratio Lower Upper

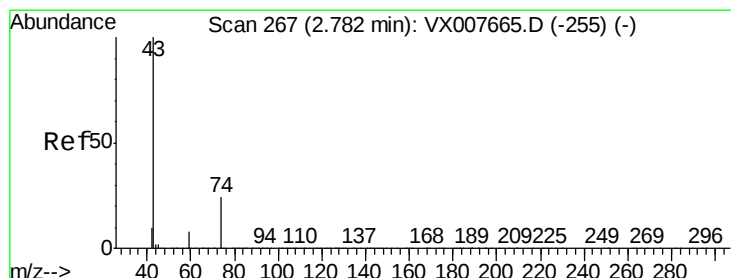
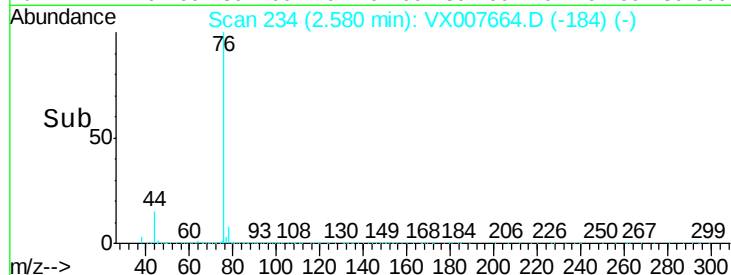
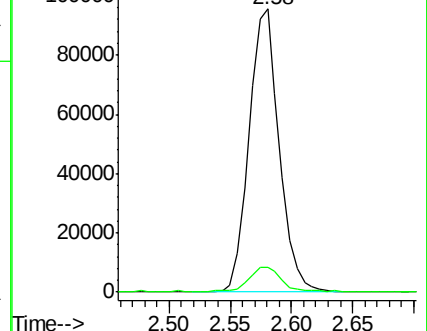
76 100

78 8.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.955 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007664.D

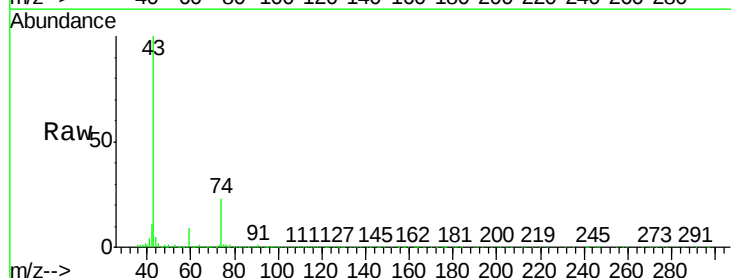
Acq: 25 Feb 2019 10:41

Tgt Ion: 43 Resp: 83526

Ion Ratio Lower Upper

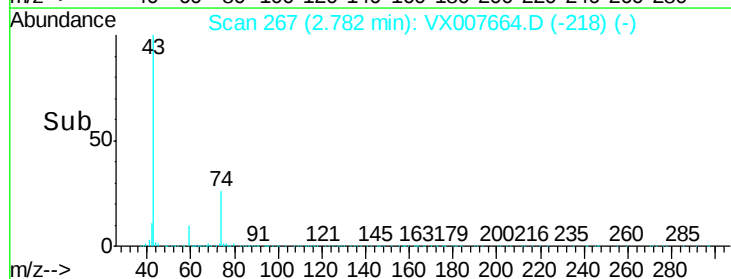
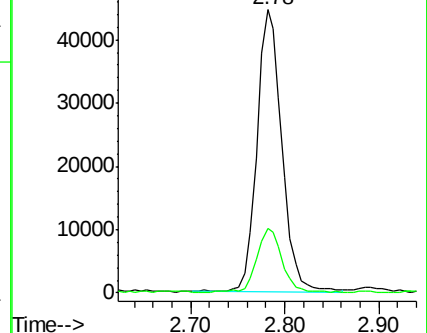
43 100

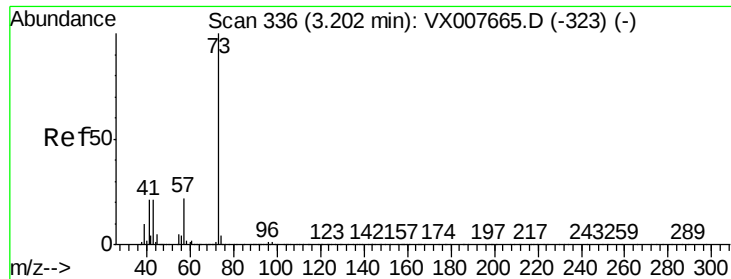
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

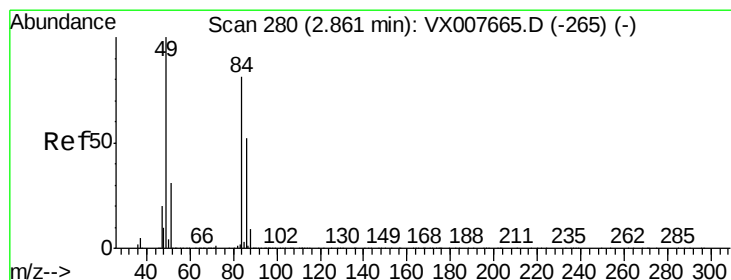
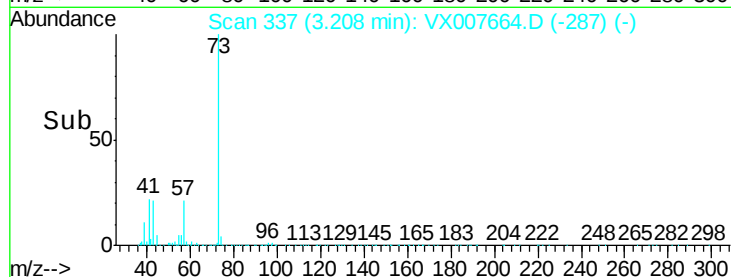
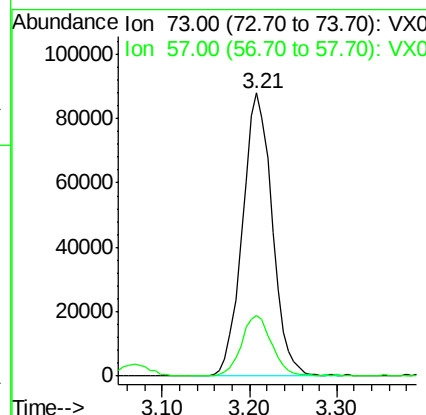
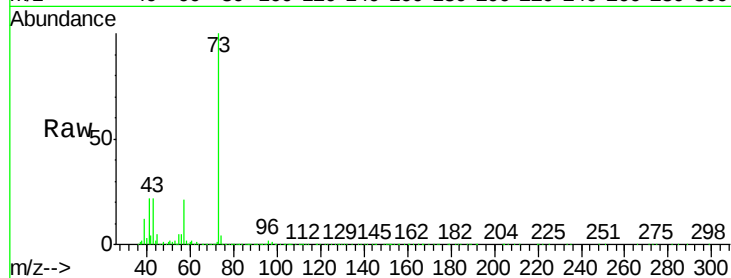




#19
Methyl tert-butyl Ether
Concen: 19.442 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

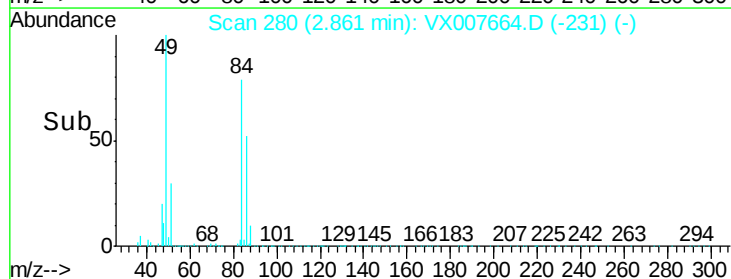
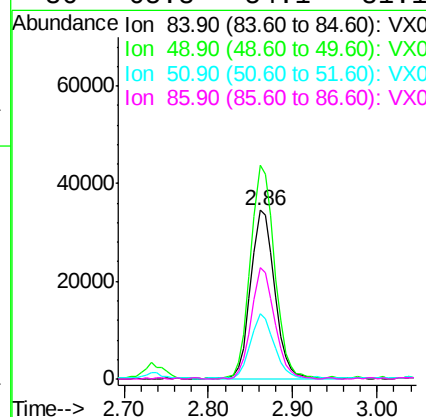
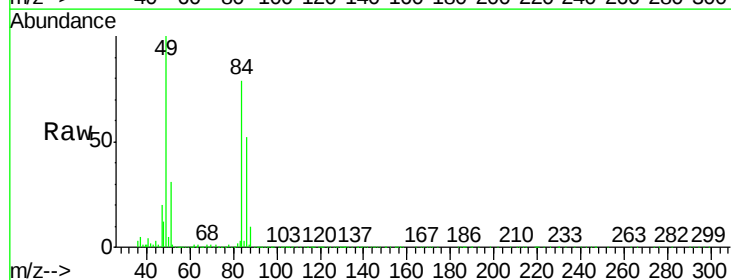
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 206222
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 18.701 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 84 Resp: 66237
Ion Ratio Lower Upper
84 100
49 126.4 94.8 142.2
51 38.4 29.8 44.8
86 65.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.004 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

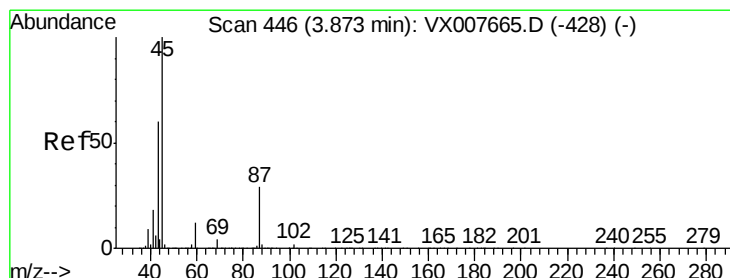
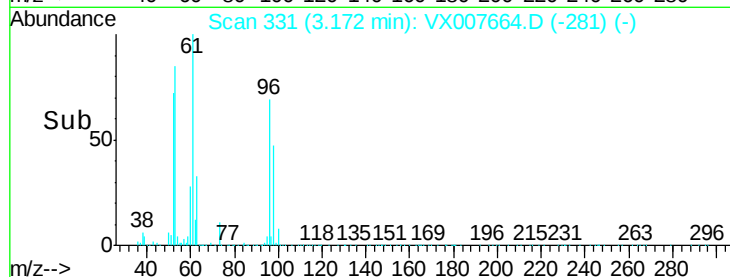
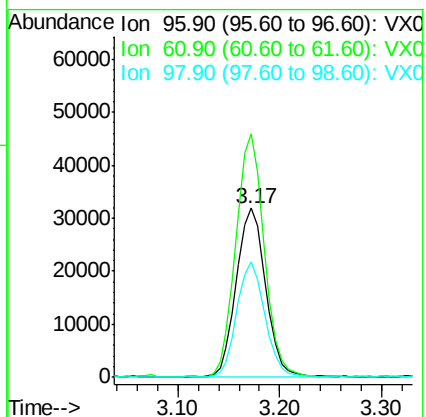
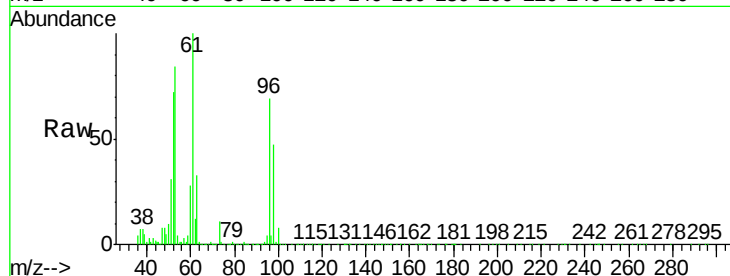
Tot Ion: 96 Resp: 62932

Ion Ratio Lower Upper

96 100

61 144.0 104.6 156.8

98 68.0 51.0 76.4



#22

Diisopropyl ether

Concen: 18.964 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Tgt Ion: 45 Resp: 222341

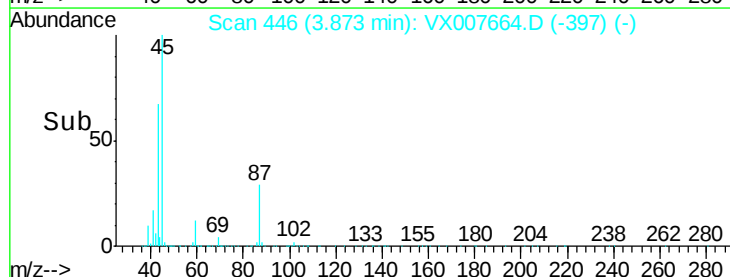
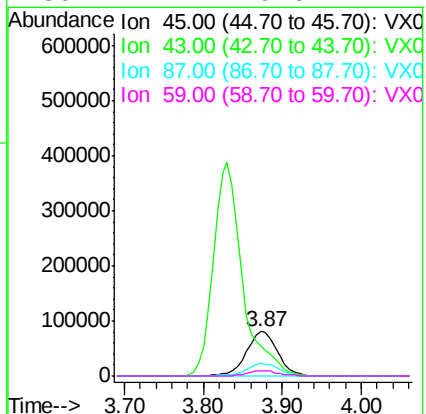
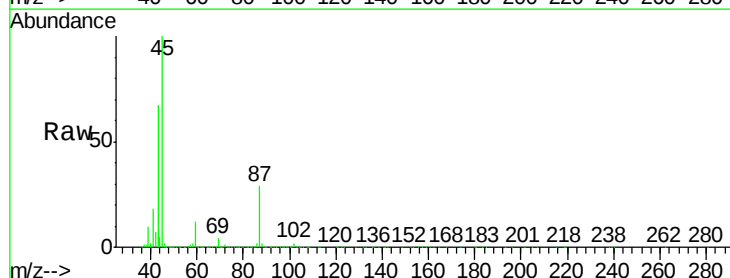
Ion Ratio Lower Upper

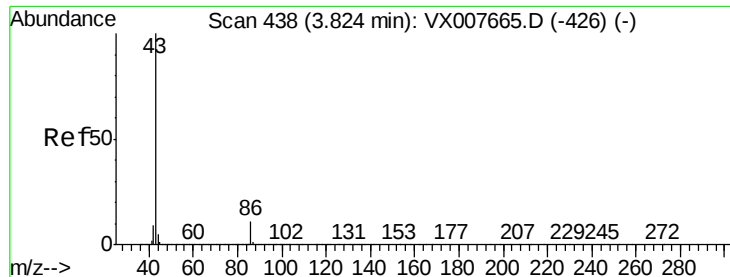
45 100

43 66.2 48.9 73.3

87 28.5 23.9 35.9

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 96.652 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

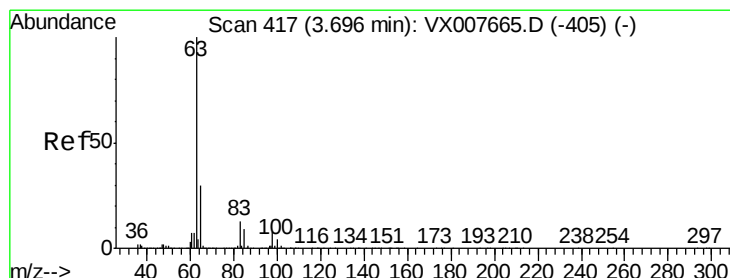
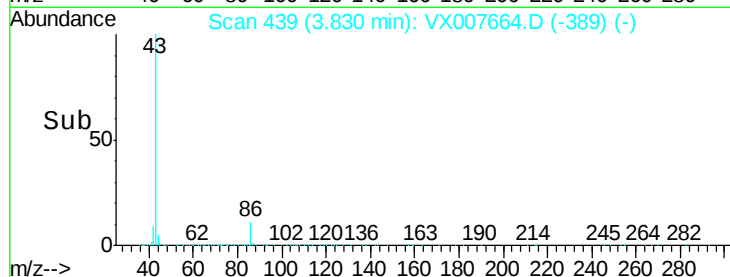
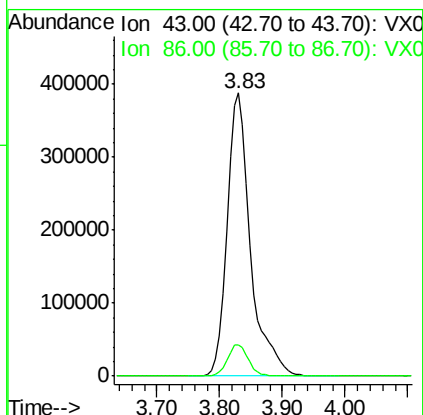
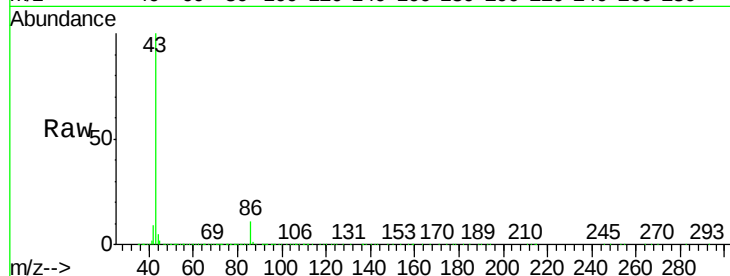
VSTDIC020

Tot Ion: 43 Resp: 994225

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.598 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

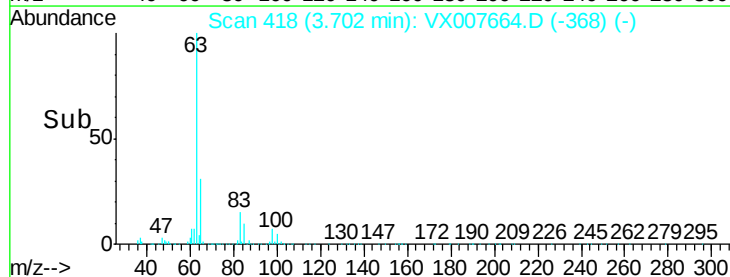
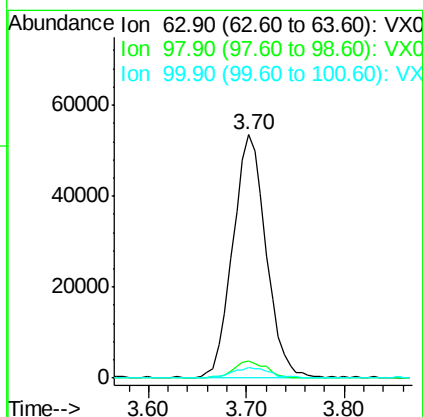
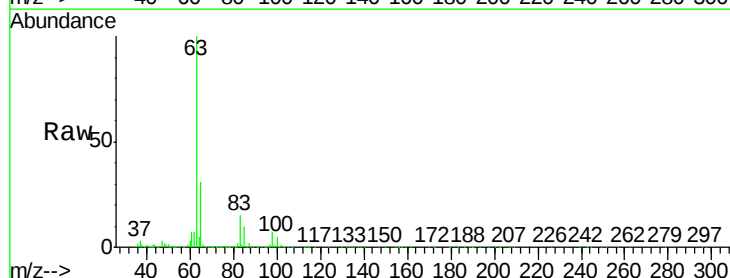
Tgt Ion: 63 Resp: 124878

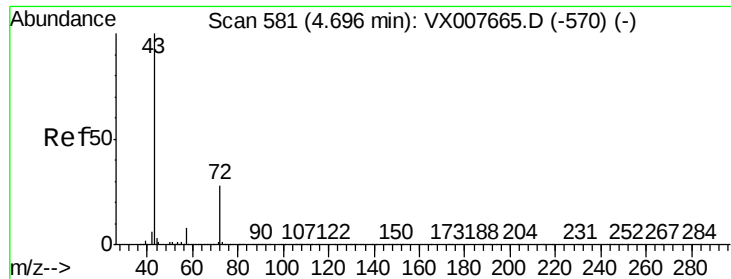
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 99.888 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

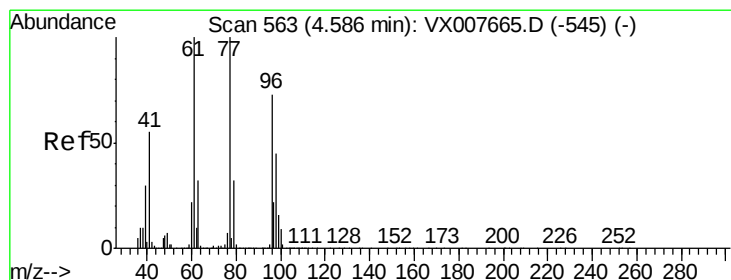
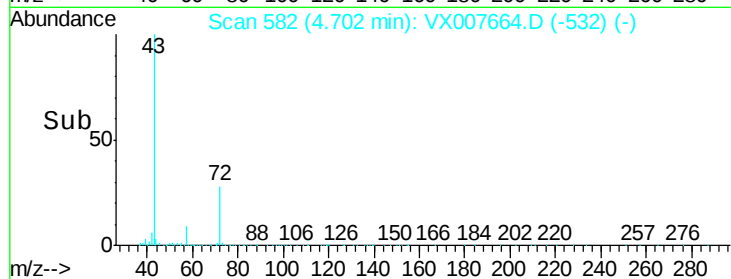
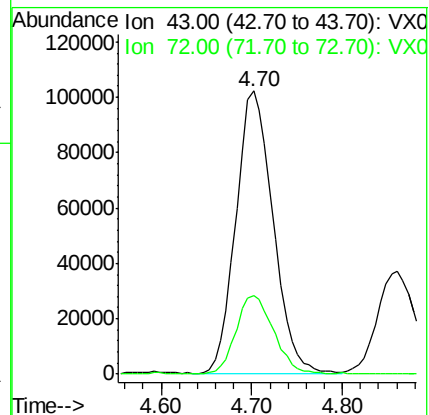
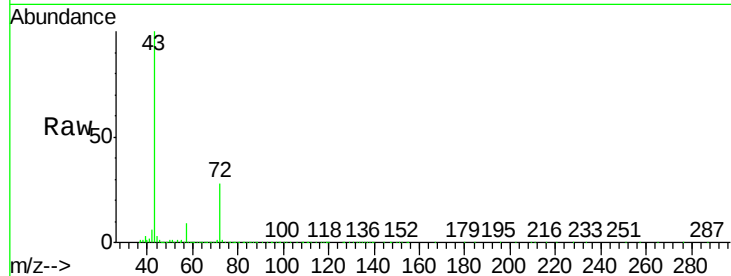
VSTDIC020

Tot Ion: 43 Resp: 291863

Ion Ratio Lower Upper

43 100

72 27.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 18.745 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007664.D

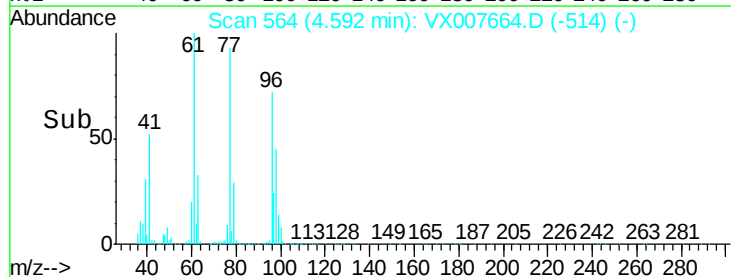
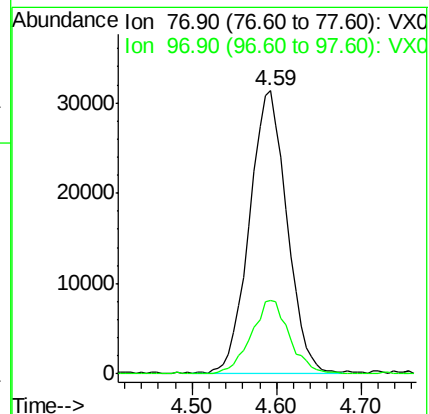
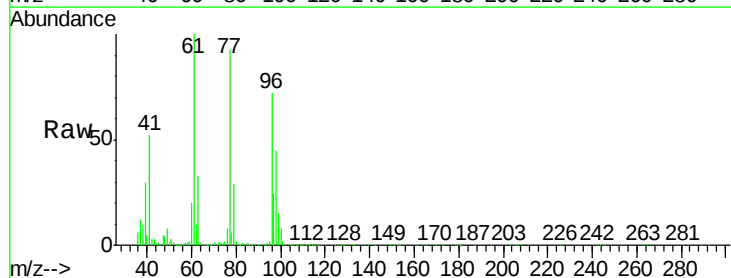
Acq: 25 Feb 2019 10:41

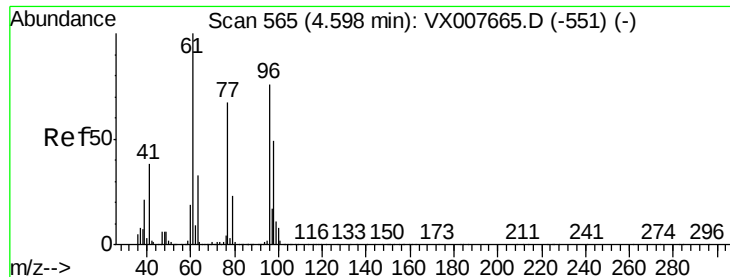
Tgt Ion: 77 Resp: 95343

Ion Ratio Lower Upper

77 100

97 26.8 12.1 36.3



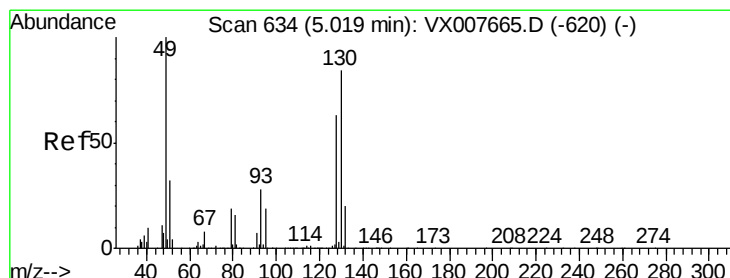
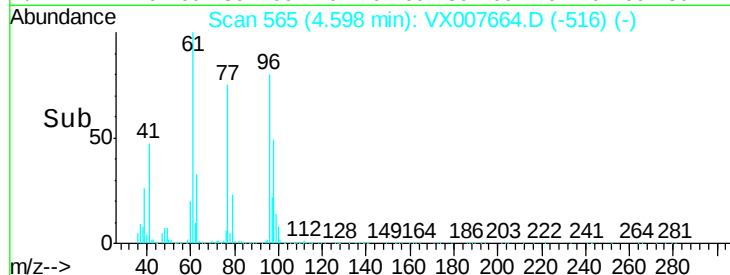
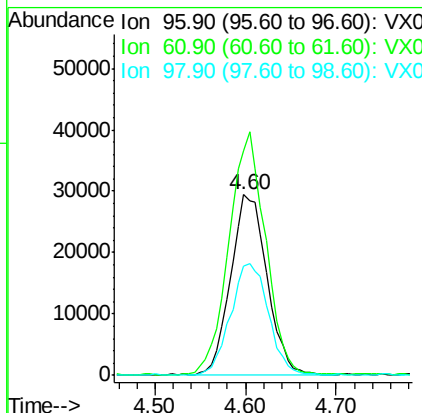
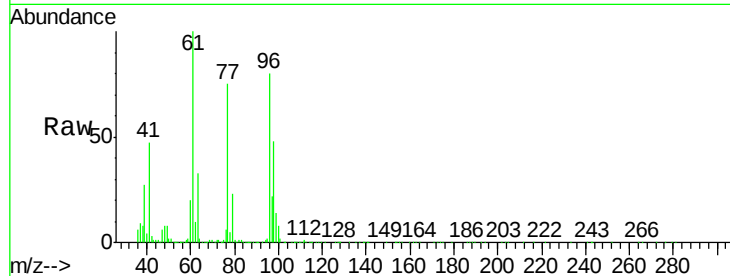


#27

cis-1,2-Dichloroethene
Concen: 19.582 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

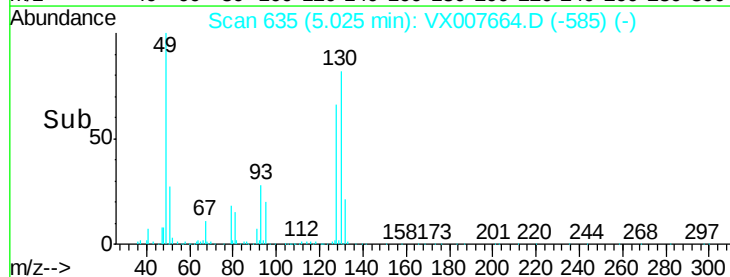
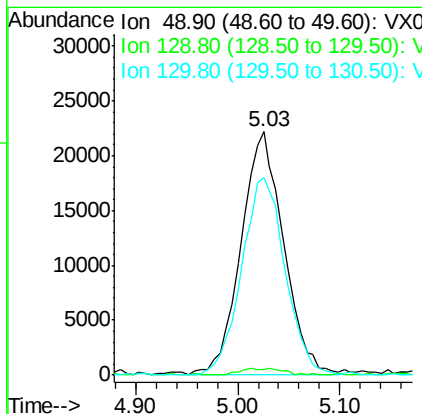
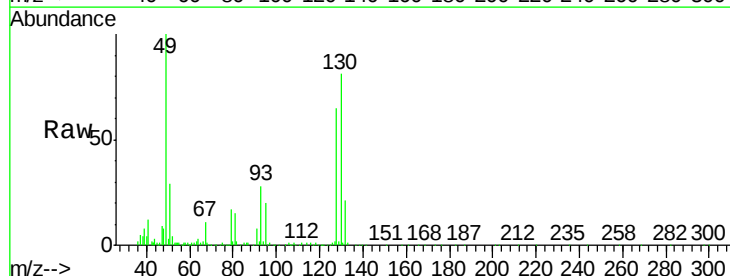
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	265.6
98	63.7	0.0	131.6

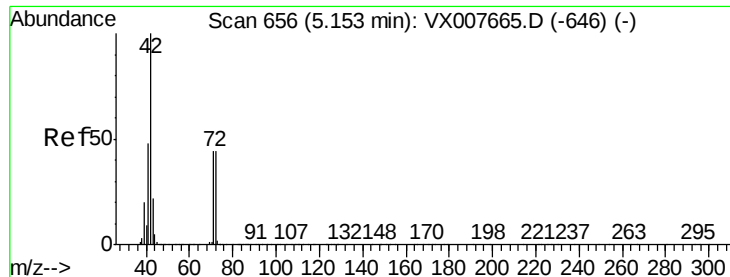


#28

Bromochloromethane
Concen: 20.771 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.6
130	82.7	75.6	113.4





#29

Tetrahydrofuran

Concen: 96.238 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

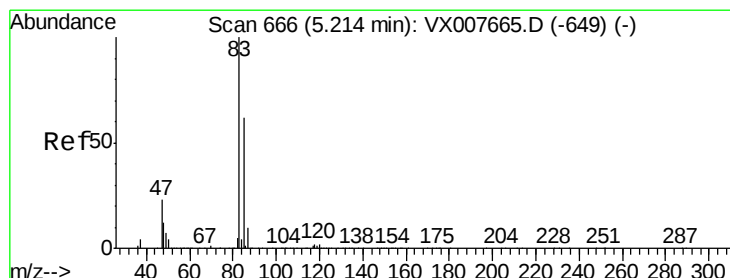
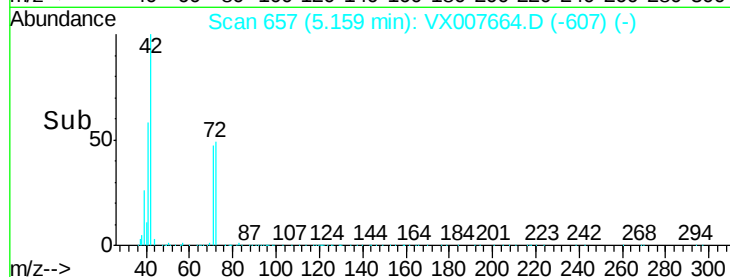
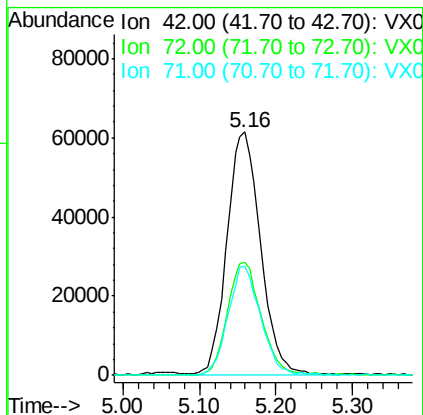
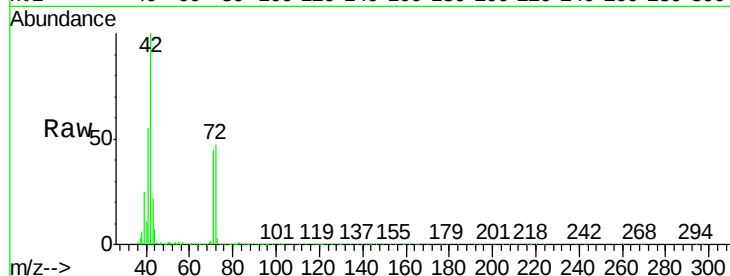
Tot Ion: 42 Resp: 185359

Ion Ratio Lower Upper

42 100

72 47.0 37.6 56.4

71 43.5 34.6 51.8



#30

Chloroform

Concen: 19.171 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007664.D

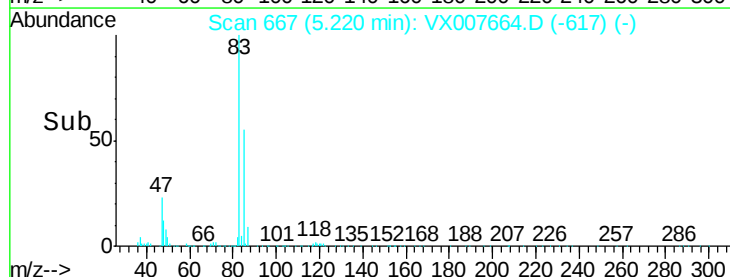
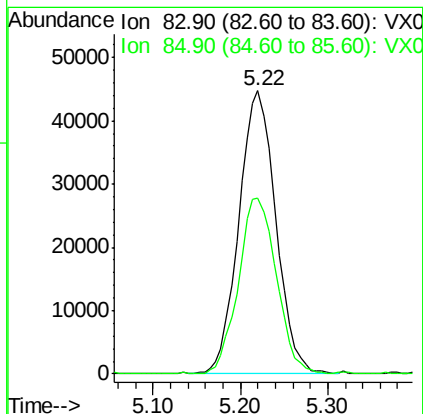
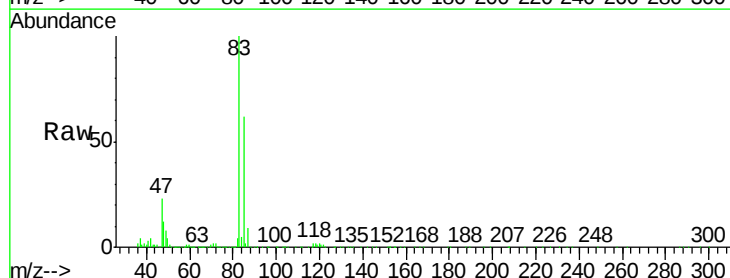
Acq: 25 Feb 2019 10:41

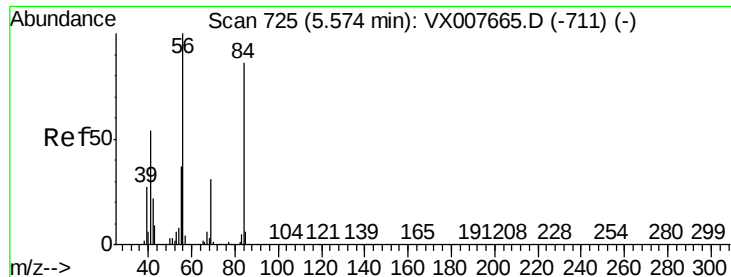
Tgt Ion: 83 Resp: 130853

Ion Ratio Lower Upper

83 100

85 61.8 51.6 77.4





#31

Cyclohexane

Concen: 18.959 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

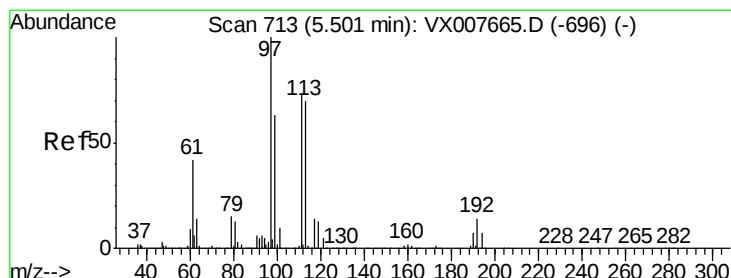
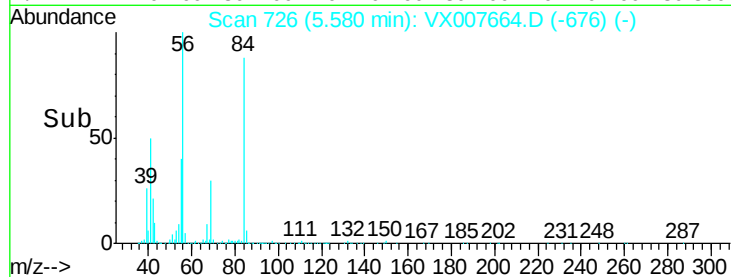
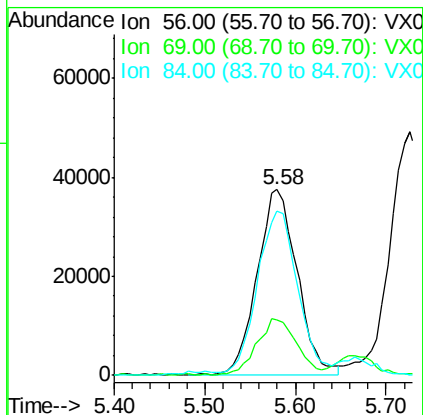
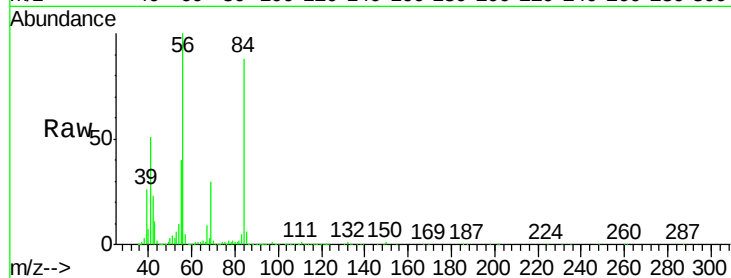
Tot Ion: 56 Resp: 113637

Ion Ratio Lower Upper

56 100

69 29.4 23.0 34.6

84 86.3 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 19.598 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

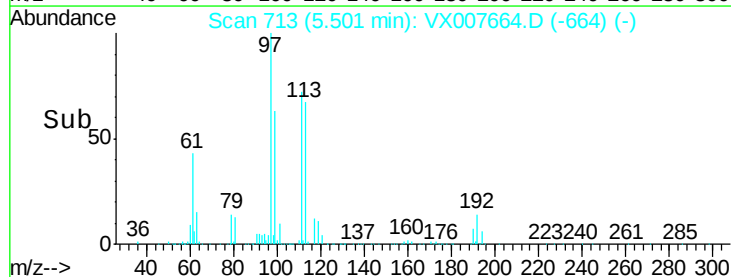
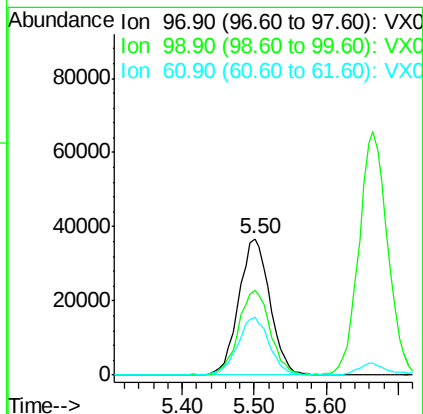
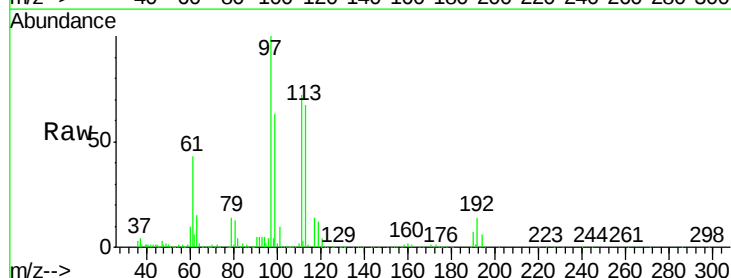
Tgt Ion: 97 Resp: 110628

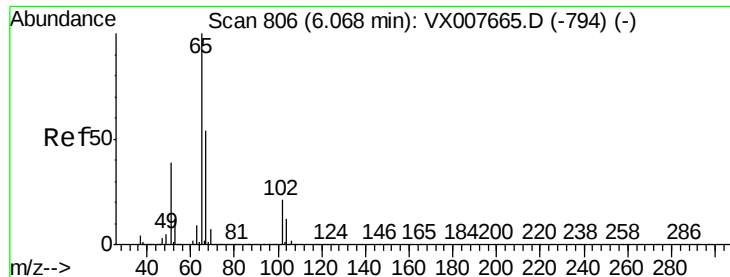
Ion Ratio Lower Upper

97 100

99 63.0 52.2 78.2

61 42.4 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 19.331 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

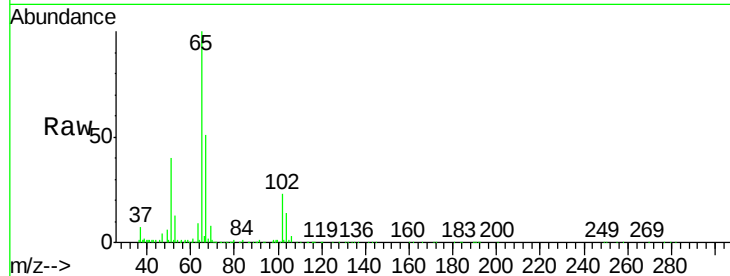
VSTDIC020

Tot Ion: 65 Resp: 83383

Ion Ratio Lower Upper

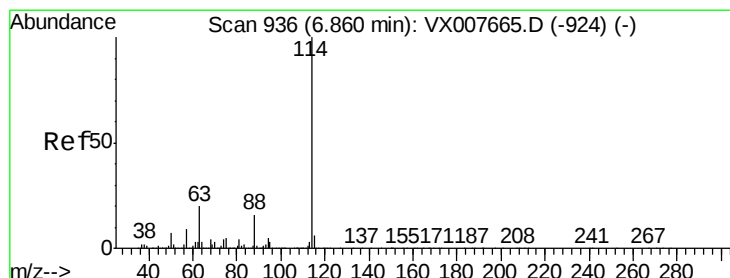
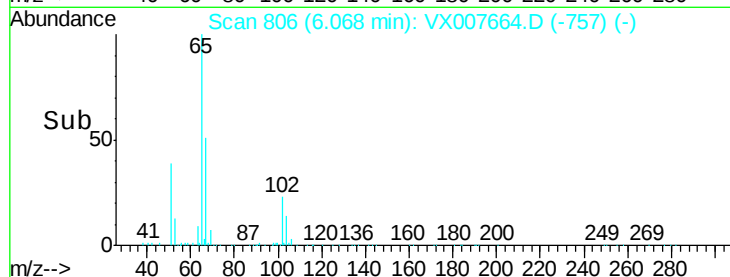
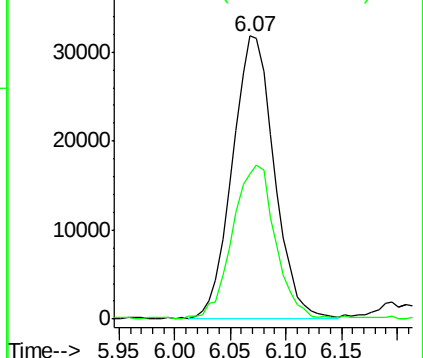
65 100

67 54.9 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

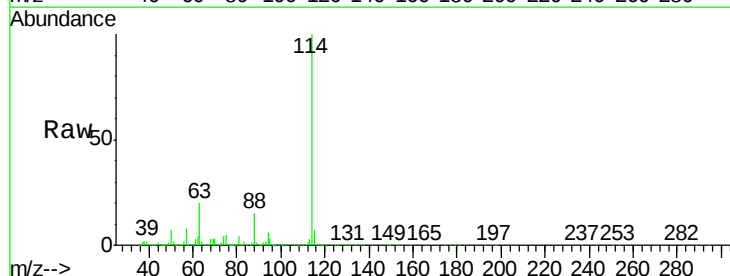
Tgt Ion: 114 Resp: 552374

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

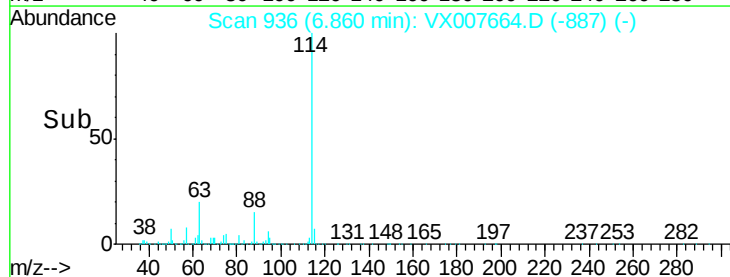
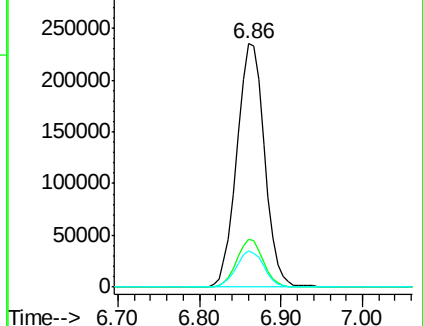
88 14.7 0.0 29.6

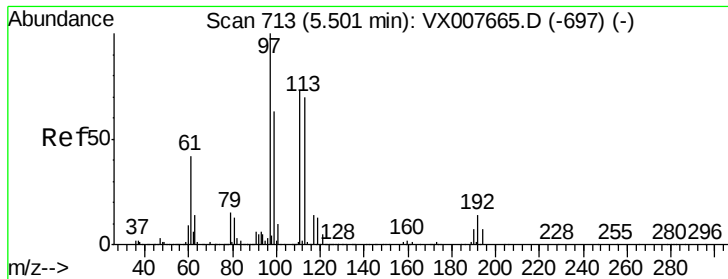


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 20.424 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

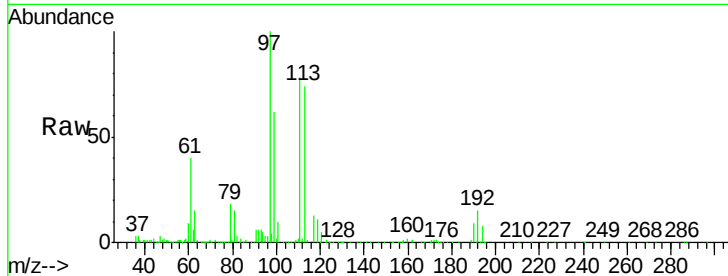
Tot Ion:113 Resp: 75415

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.8

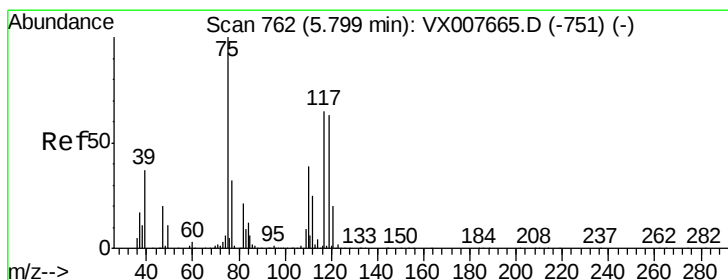
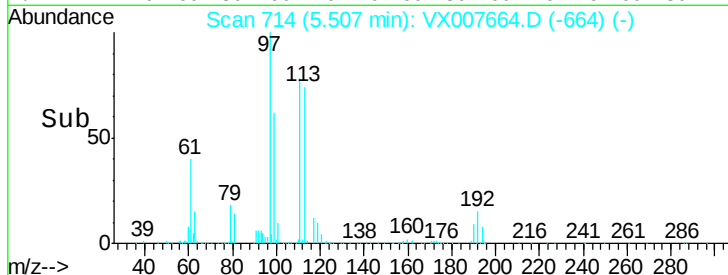
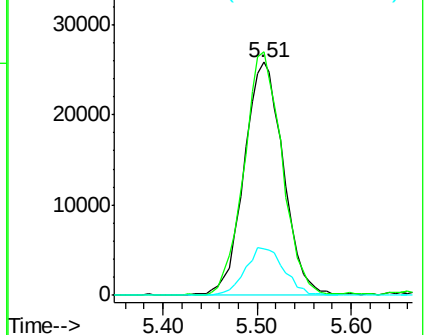
192 20.5 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.887 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

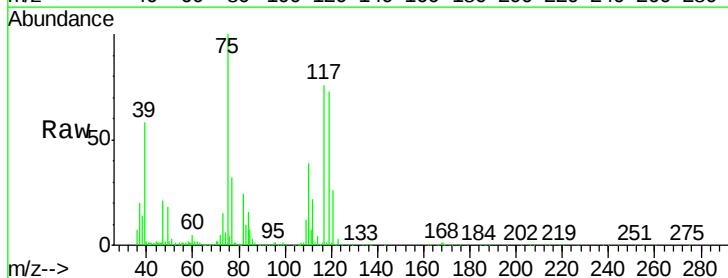
Tgt Ion: 75 Resp: 93796

Ion Ratio Lower Upper

75 100

110 40.8 20.0 59.9

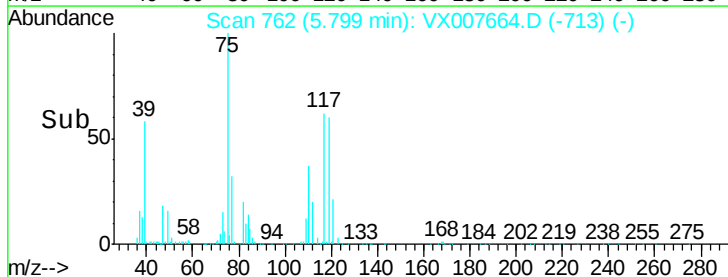
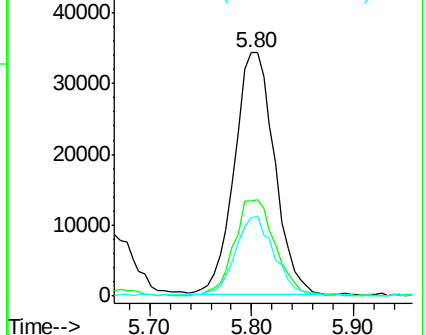
77 31.4 24.7 37.1

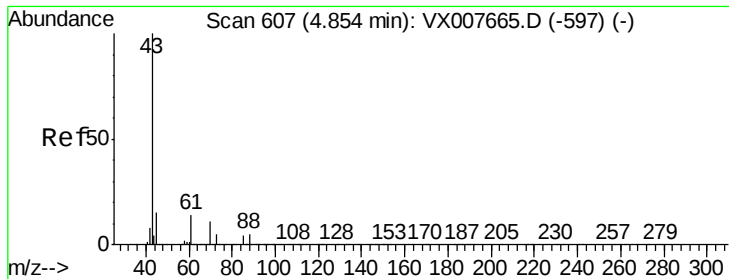


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

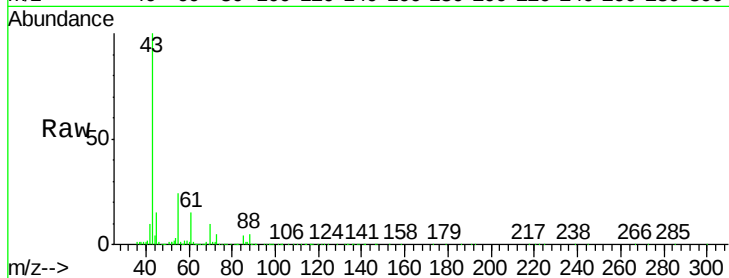




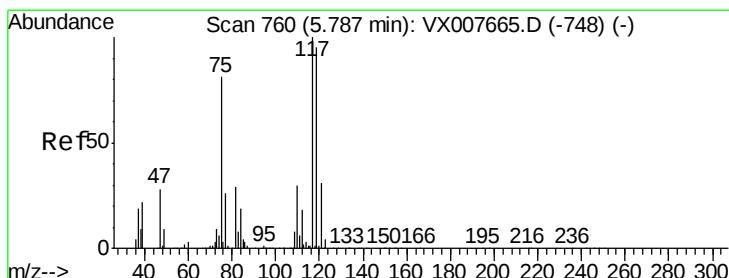
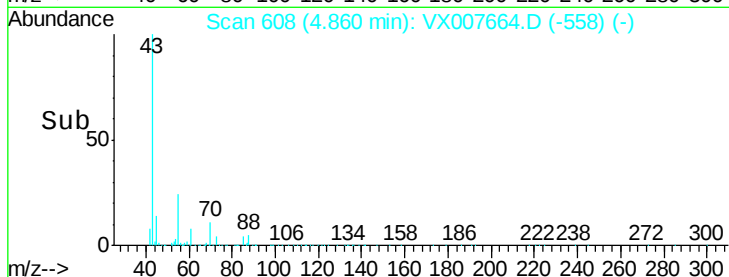
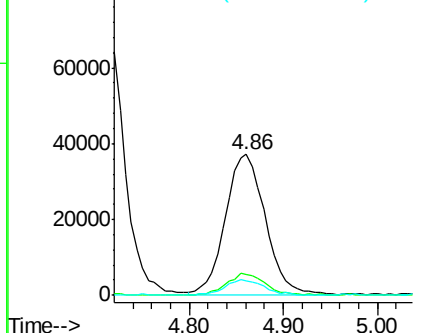
#37
Ethyl Acetate
Concen: 19.712 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 108743
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 10.7 8.6 13.0

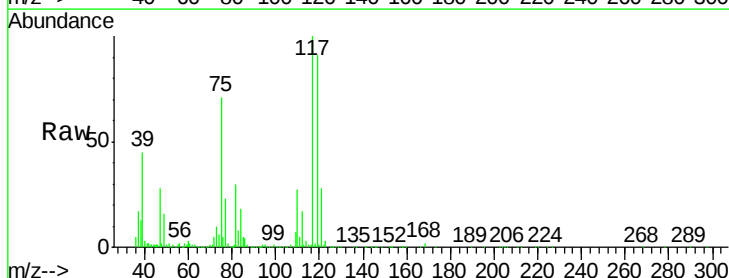


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

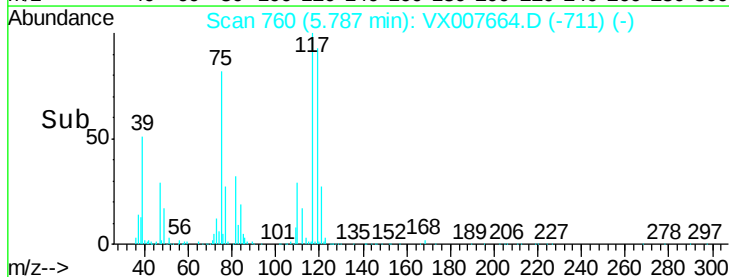
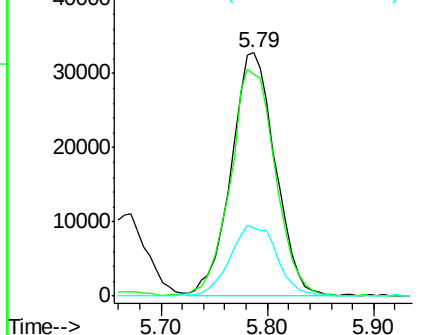


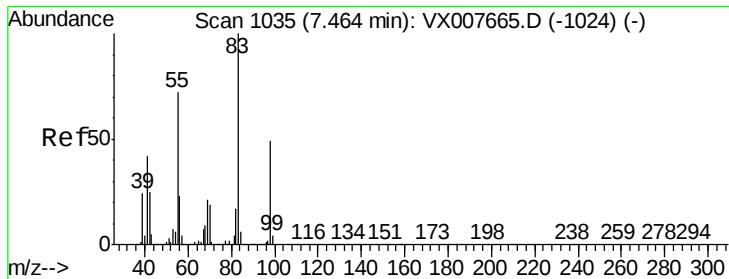
#38
Carbon Tetrachloride
Concen: 18.904 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 117 Resp: 94300
Ion Ratio Lower Upper
117 100
119 91.2 75.3 112.9
121 27.9 25.0 37.4



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

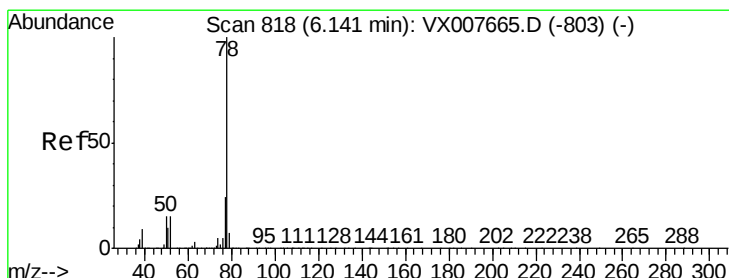
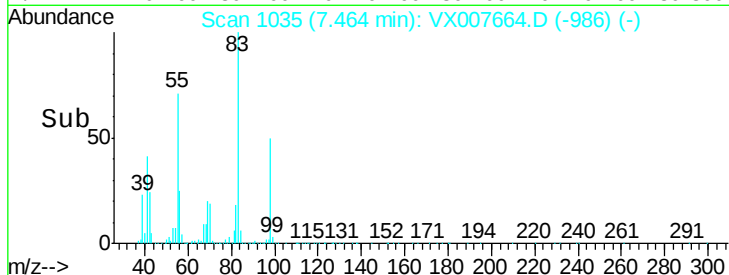
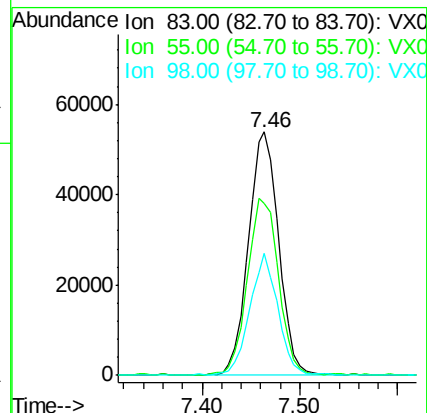
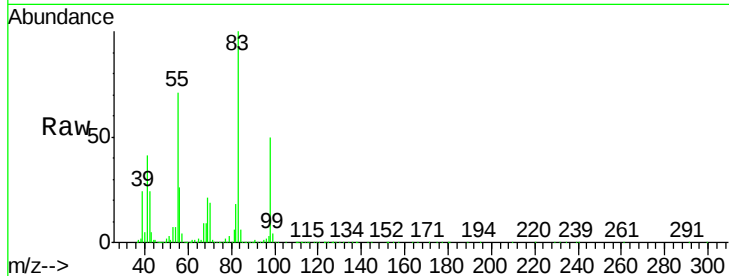




#39
Methvlcvclohexane
Concen: 18.502 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

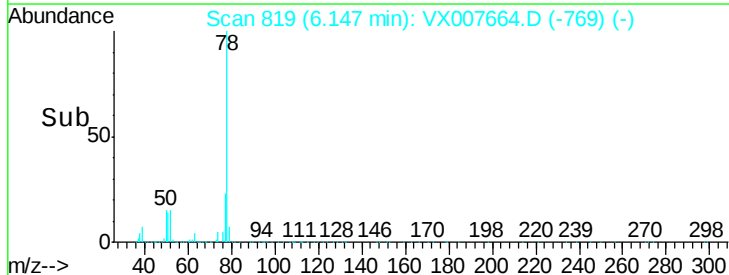
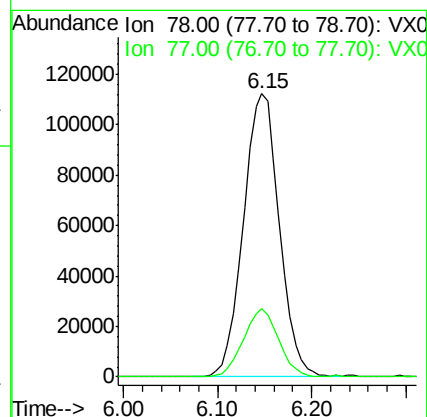
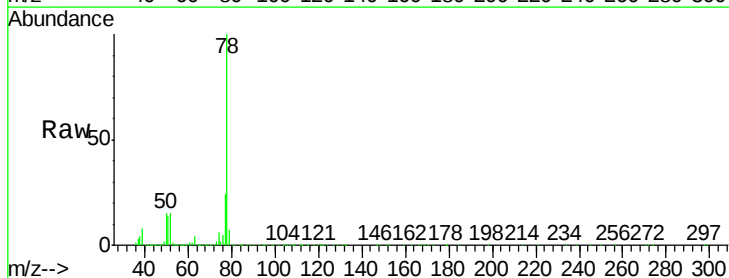
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

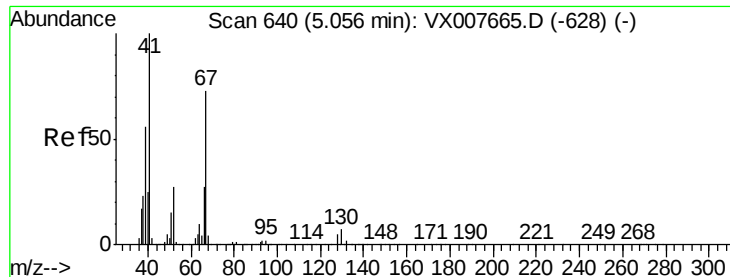
Tot Ion: 83 Resp: 116125
Ion Ratio Lower Upper
83 100
55 70.6 56.2 84.2
98 49.6 36.8 55.2



#40
Benzene
Concen: 19.458 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 78 Resp: 298291
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41

Methacrylonitrile

Concen: 19.520 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 57500

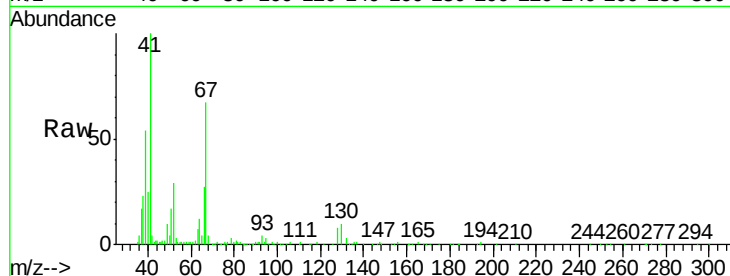
Ion Ratio Lower Upper

41 100

39 55.1 44.5 66.7

67 77.8 60.4 90.6

52 32.0 24.1 36.1

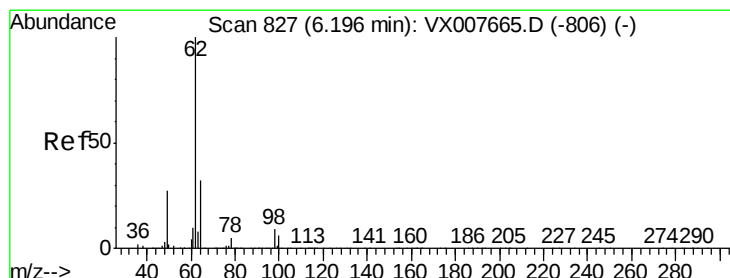
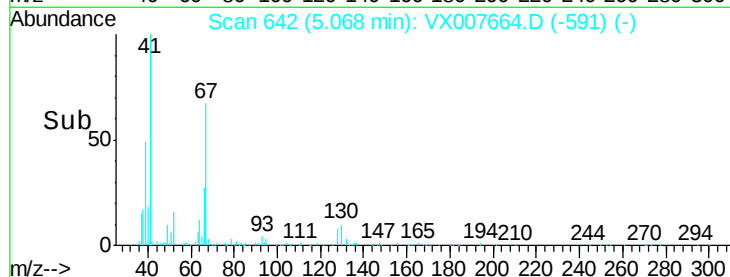
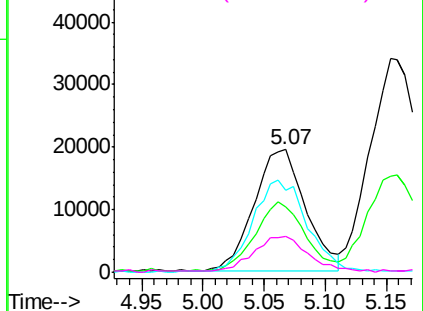


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.099 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007664.D

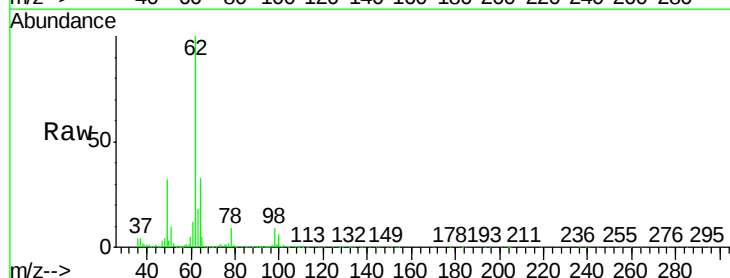
Acq: 25 Feb 2019 10:41

Tgt Ion: 62 Resp: 98406

Ion Ratio Lower Upper

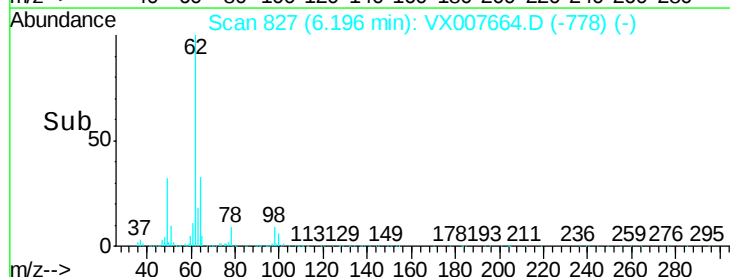
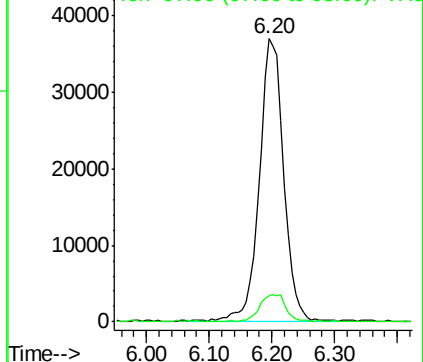
62 100

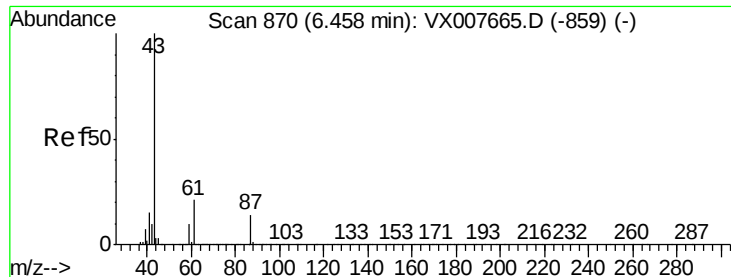
98 10.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



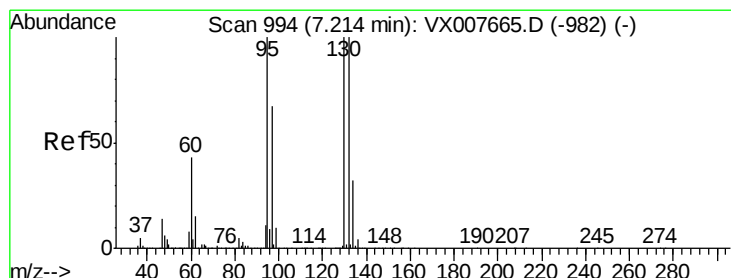
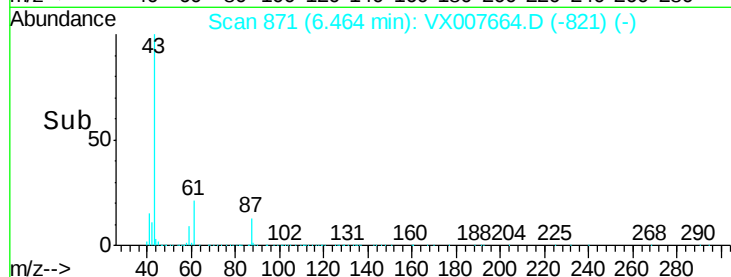
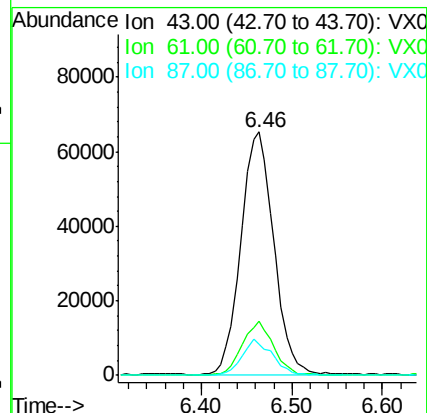
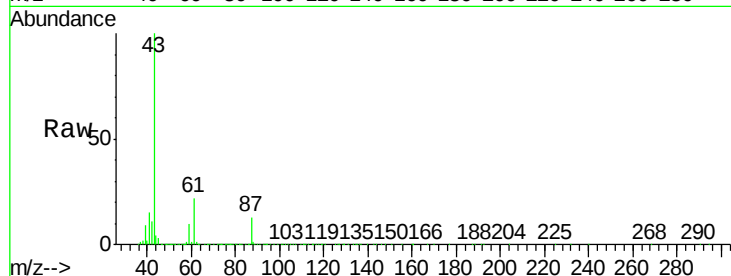


#43

Isopropyl Acetate
 Concen: 19.258 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

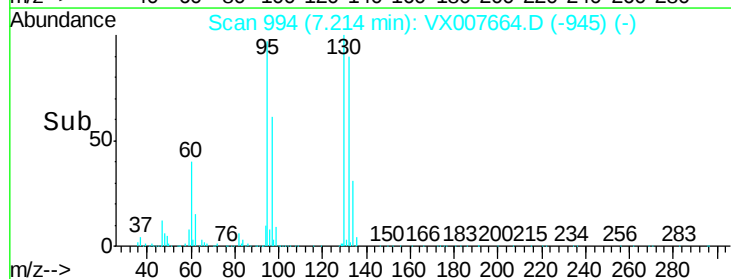
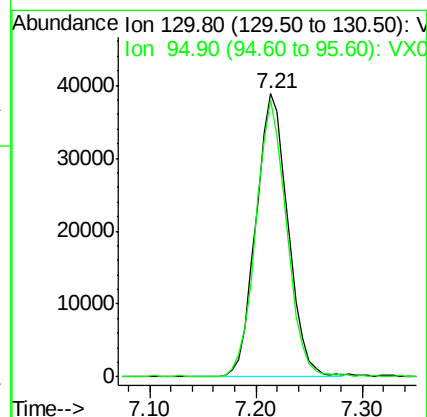
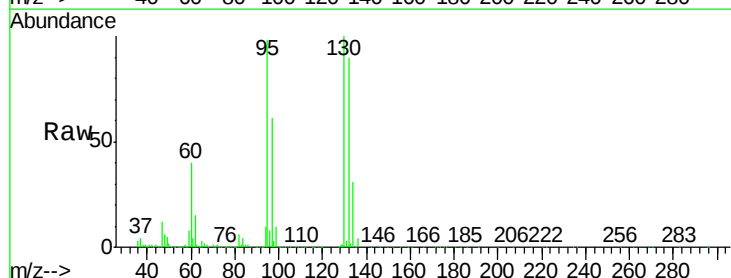
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.1	24.1
87	13.7	11.5	17.3

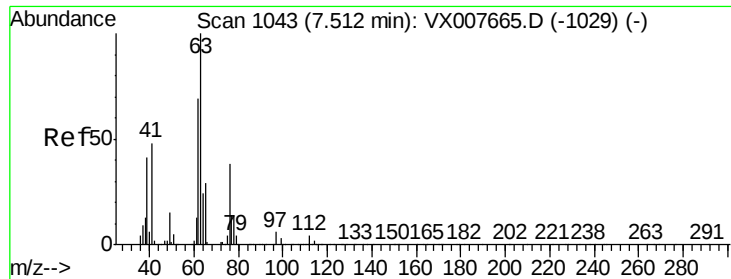


#44

Trichloroethene
 Concen: 19.513 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	180.0

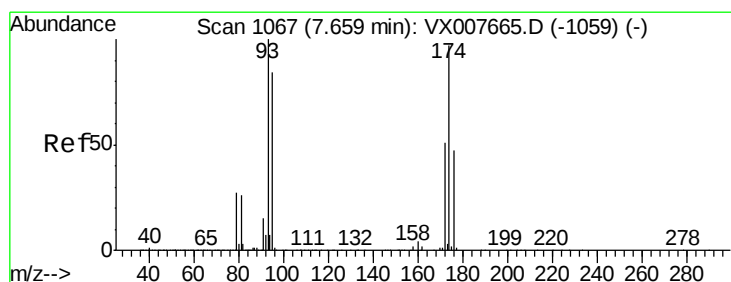
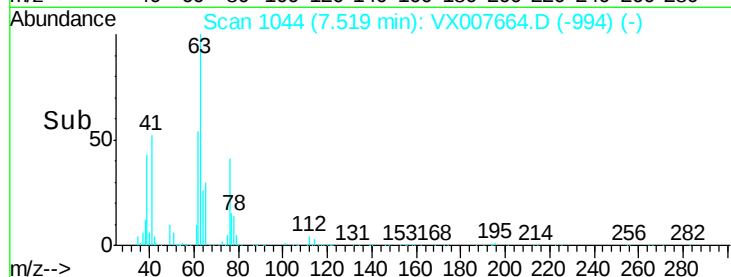
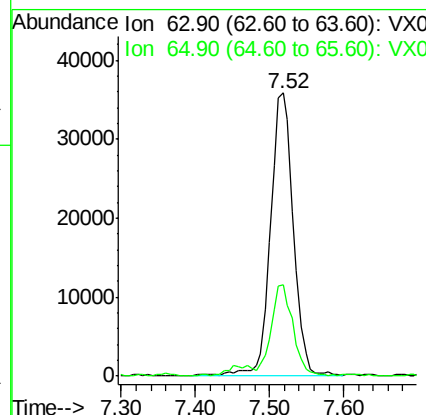
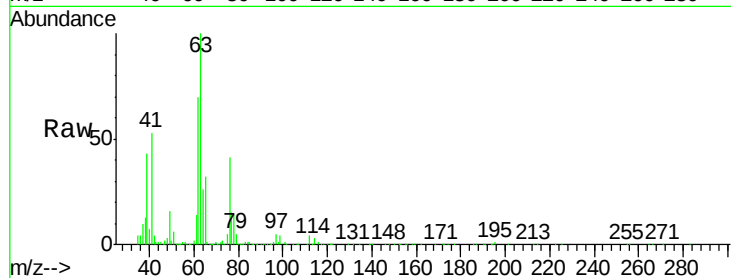




#45
 1,2-Dichloropropane
 Concen: 19.460 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

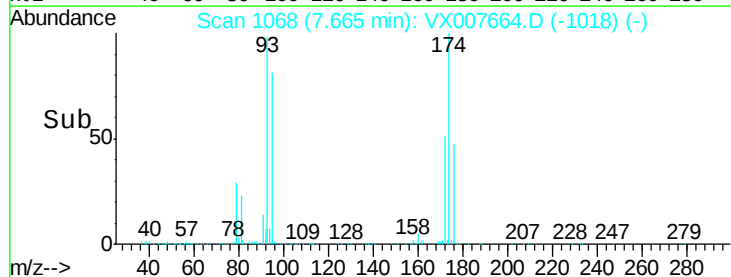
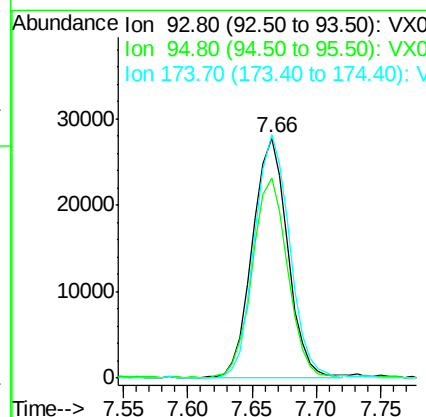
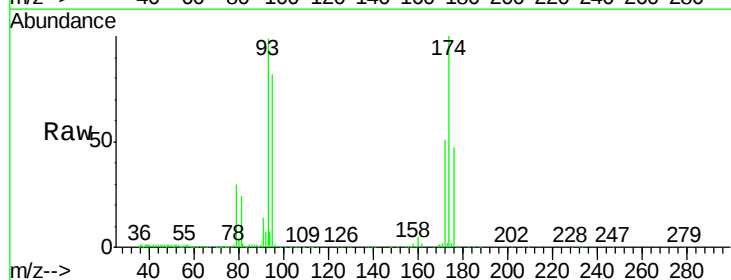
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

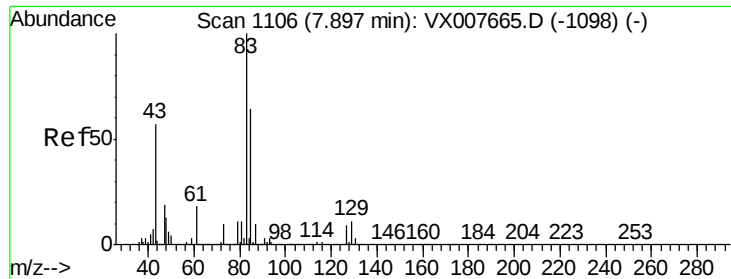
Tot Ion: 63 Resp: 77275
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.2 36.2



#46
 Dibromomethane
 Concen: 18.994 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

Tgt Ion: 93 Resp: 52621
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.6 101.4
 174 101.8 94.2 141.4





#47

Bromodichloromethane

Concen: 19.111 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

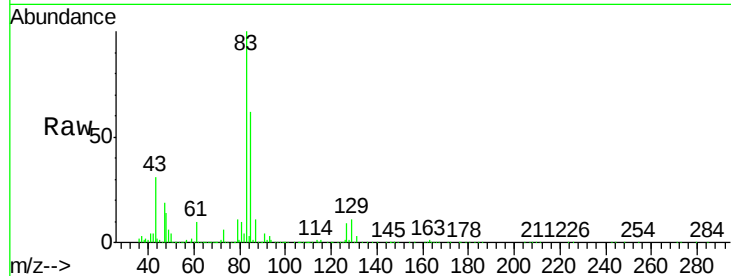
Tot Ion: 83 Resp: 91752

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.0

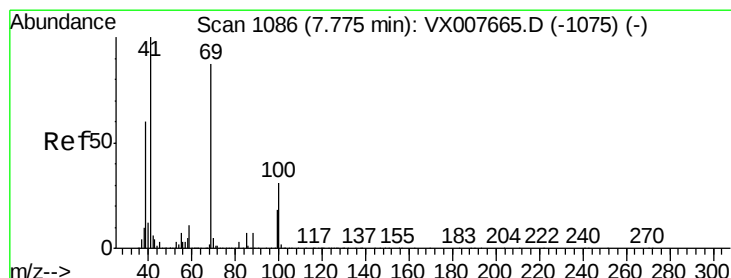
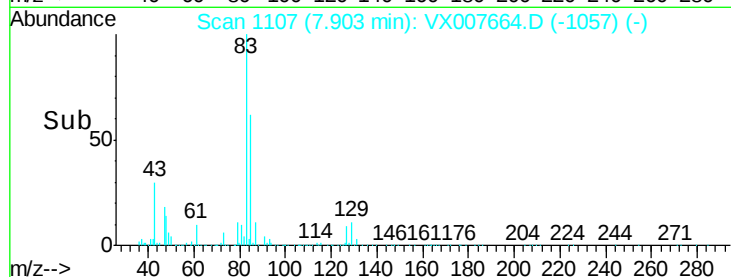
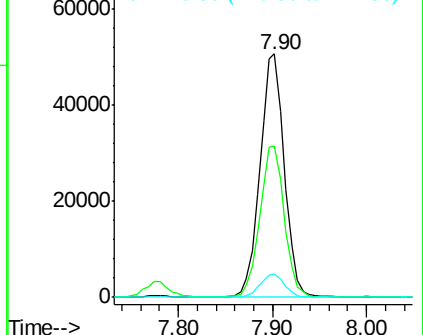
127 9.3 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.794 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

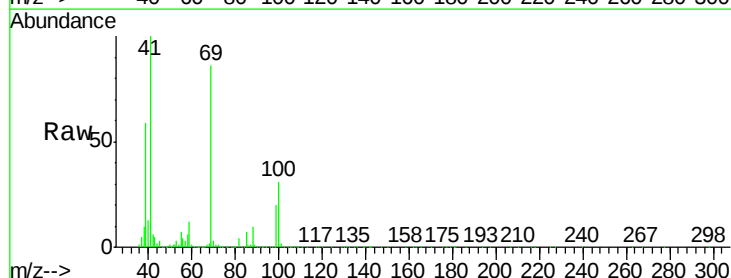
Tgt Ion: 41 Resp: 83640

Ion Ratio Lower Upper

41 100

69 85.4 70.2 105.4

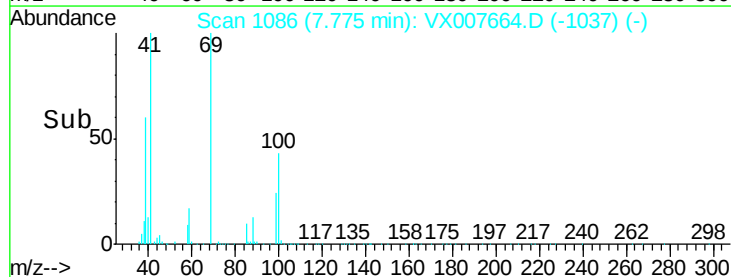
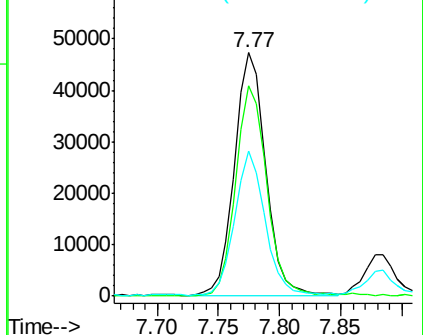
39 59.1 47.4 71.0

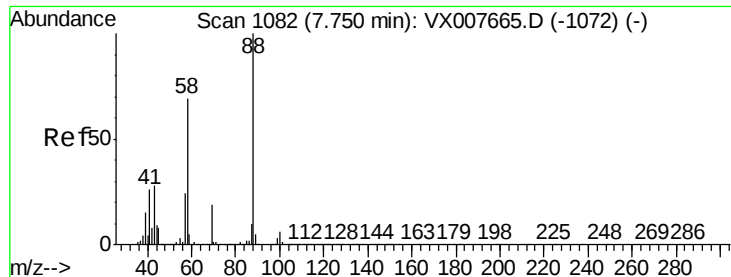


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

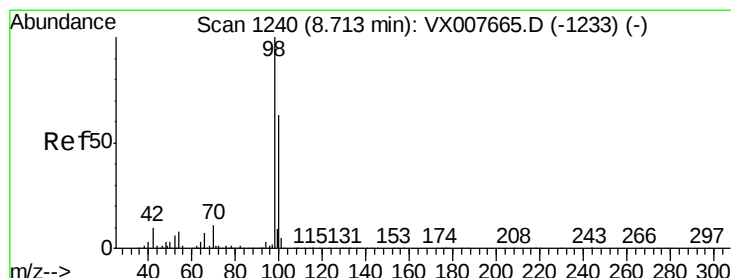
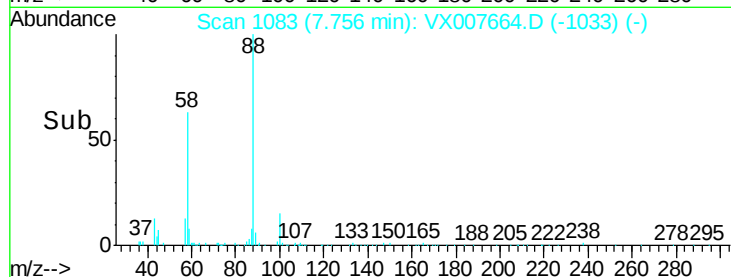
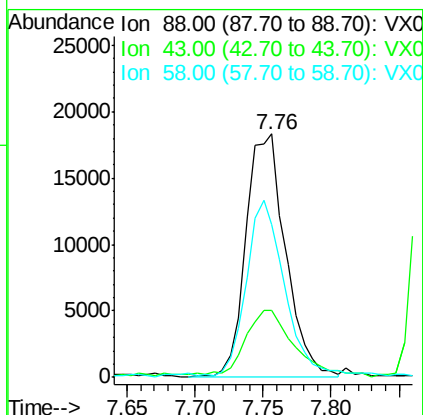
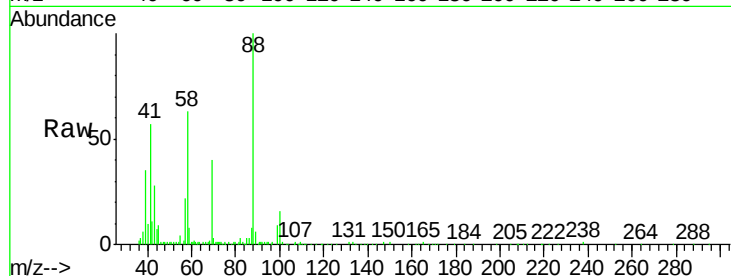




#49
1,4-Dioxane
Concen: 391.070 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

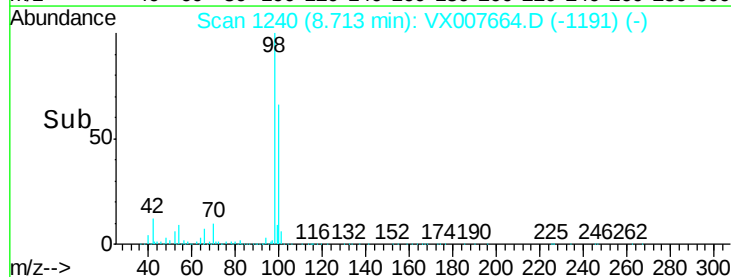
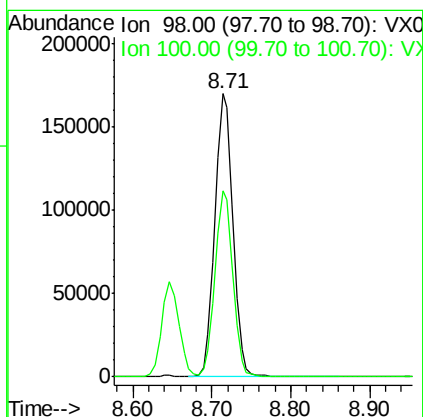
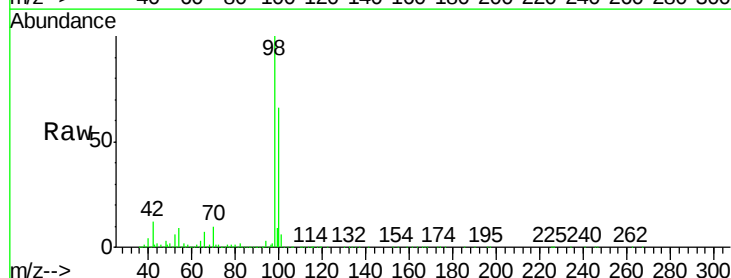
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

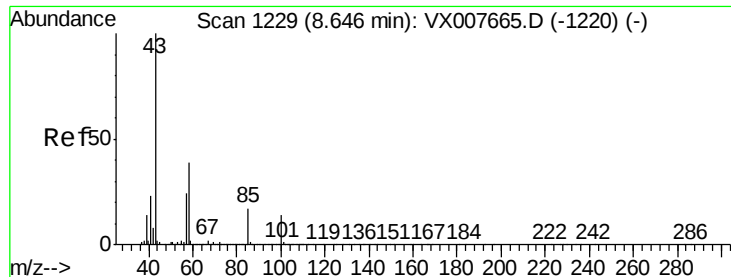
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	24.2	36.4
58	70.2	53.0	79.4



#50
Toluene-d8
Concen: 19.315 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4

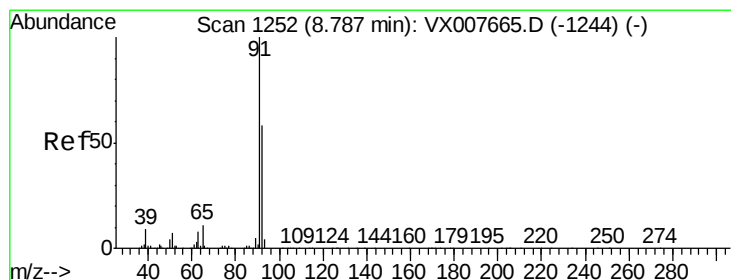
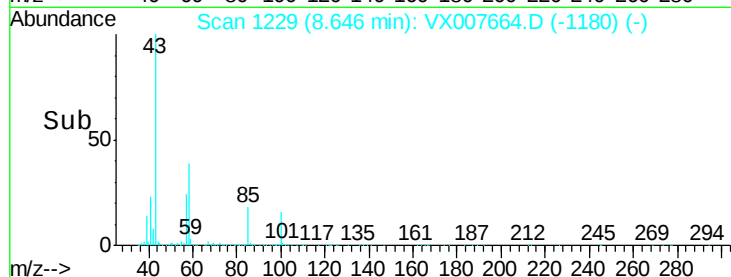
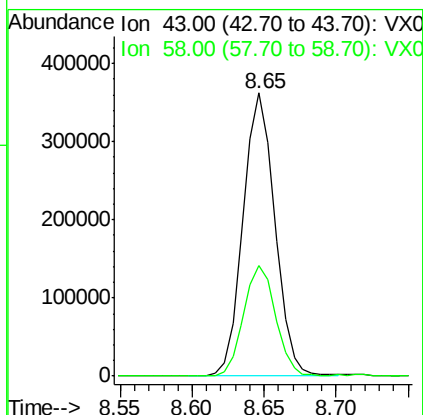
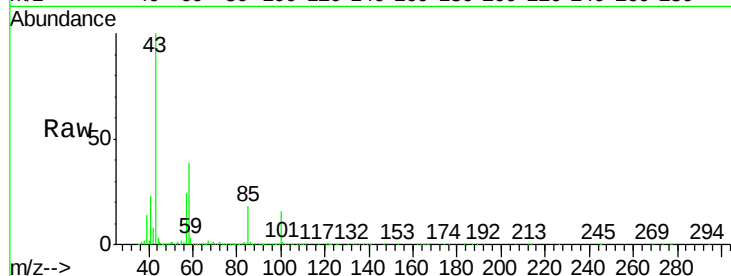




#51
4-Methyl-2-Pentanone
Concen: 97.190 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

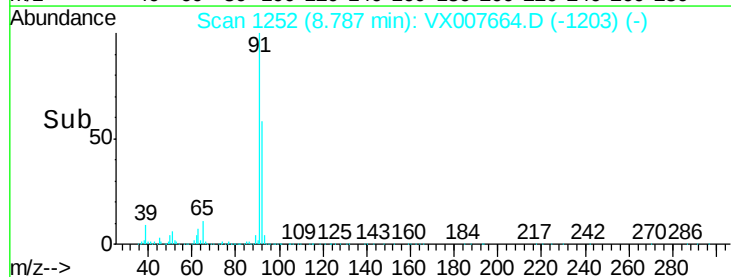
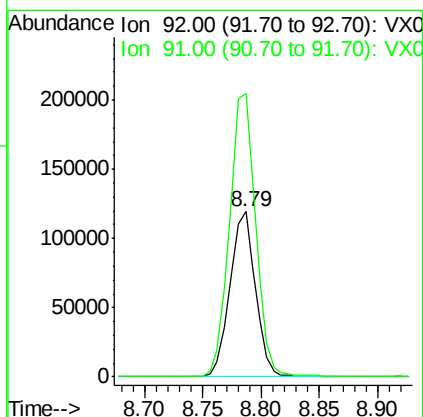
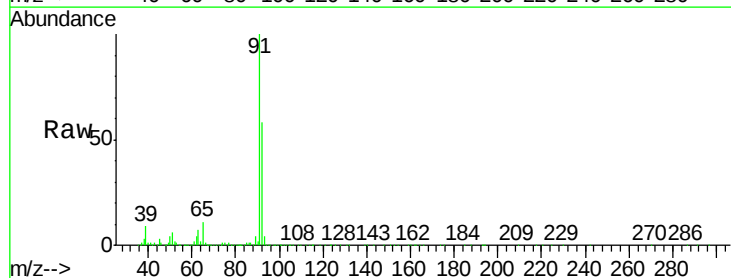
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

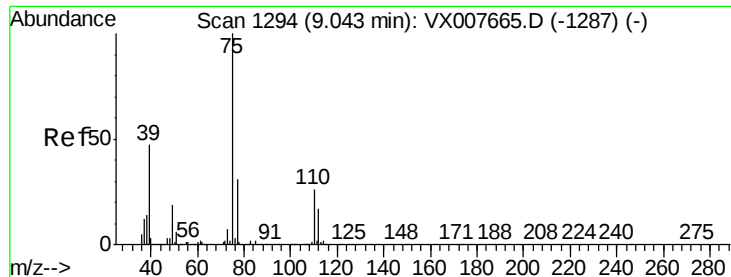
Tot Ion: 43 Resp: 552342
Ion Ratio Lower Upper
43 100
58 39.5 31.2 46.8



#52
Toluene
Concen: 18.901 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 92 Resp: 182708
Ion Ratio Lower Upper
92 100
91 176.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.085 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

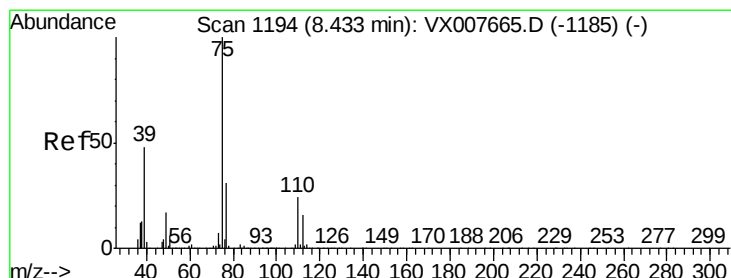
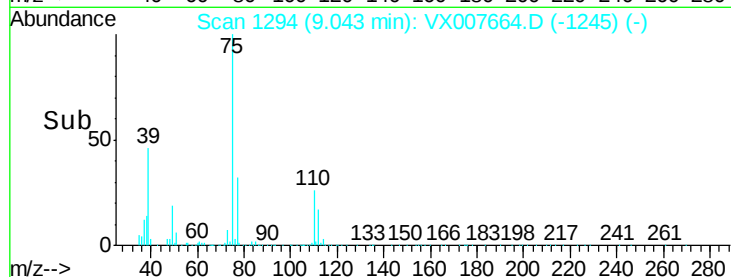
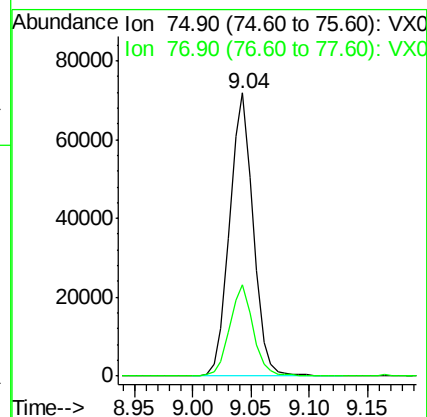
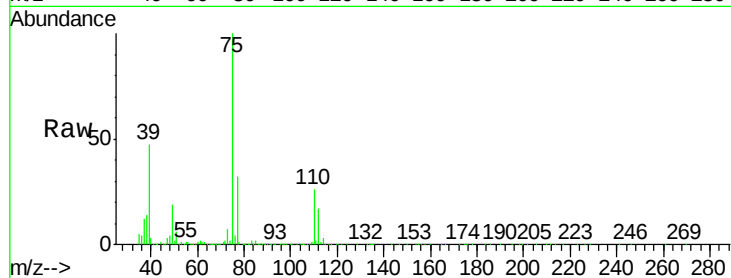
VSTDIC020

Tot Ion: 75 Resp: 100538

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.257 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

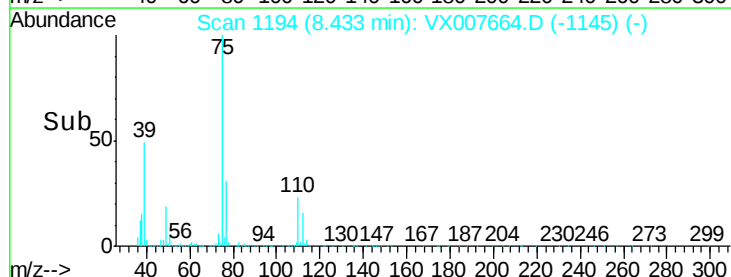
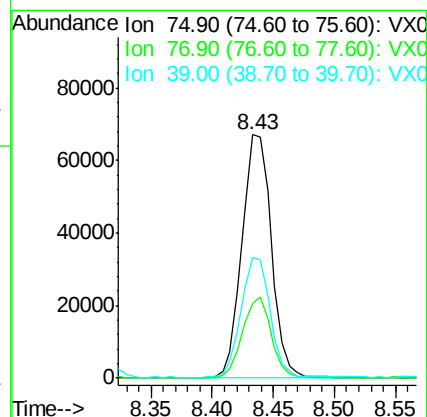
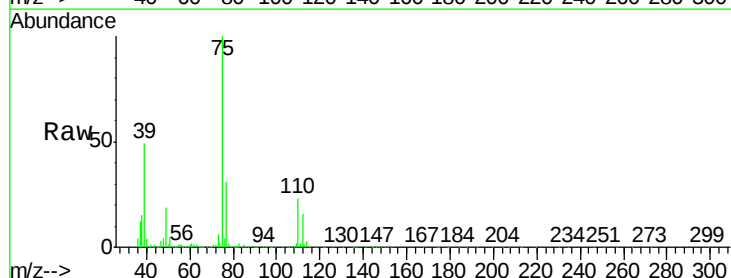
Tgt Ion: 75 Resp: 112192

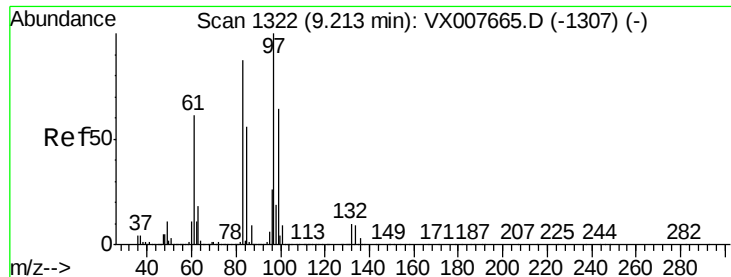
Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.4

39 49.1 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 18.993 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 76563

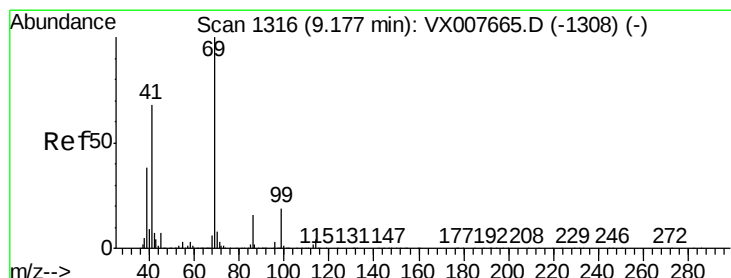
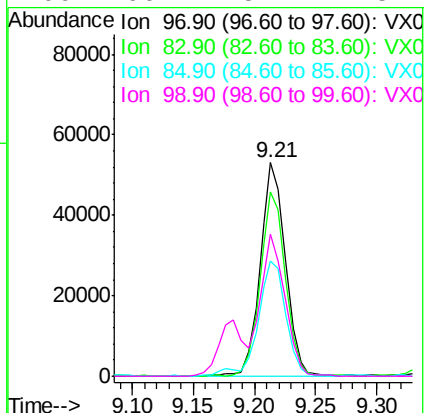
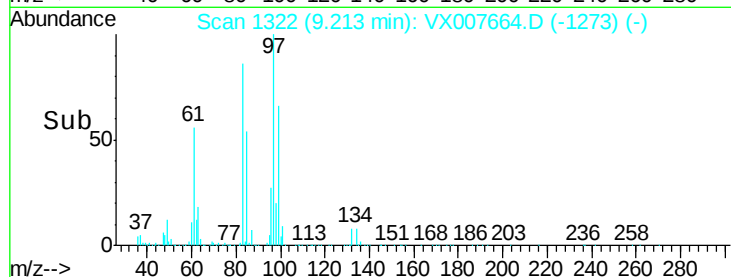
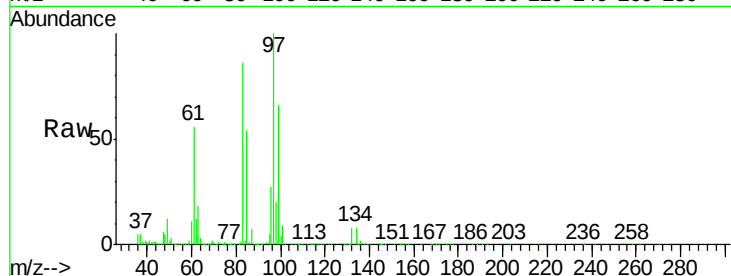
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.6	102.8
85	54.1	44.5	66.7
99	66.4	52.2	78.4

97 100

83 86.4 68.6 102.8

85 54.1 44.5 66.7

99 66.4 52.2 78.4



#56

Ethyl methacrylate

Concen: 19.059 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

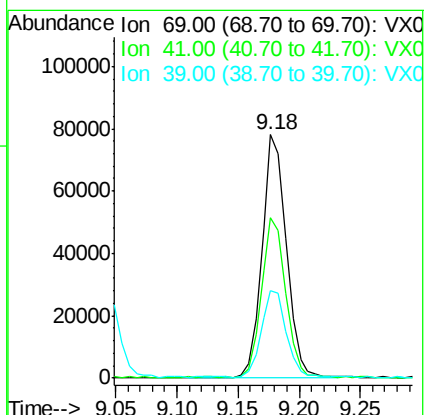
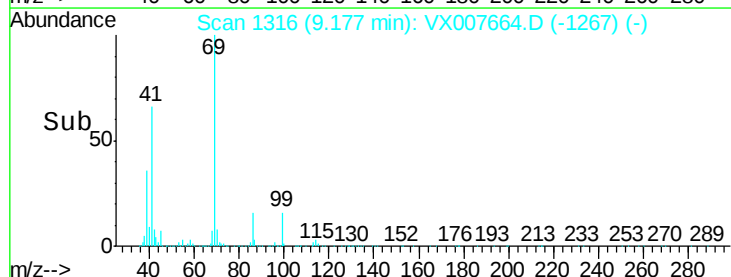
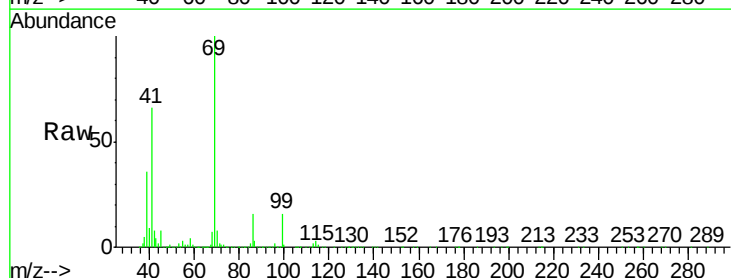
Tgt Ion: 69 Resp: 109254

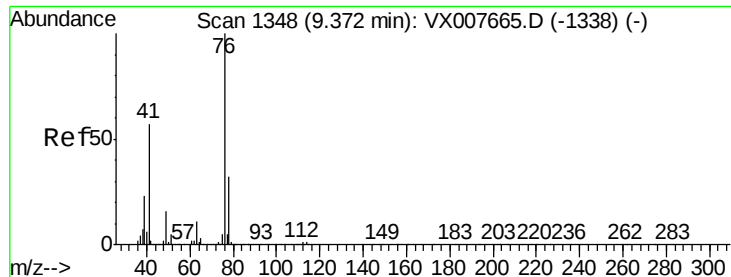
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.1	78.1
39	36.4	30.1	45.1

69 100

41 64.5 52.1 78.1

39 36.4 30.1 45.1





#57

1,3-Dichloropropane

Concen: 19.504 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

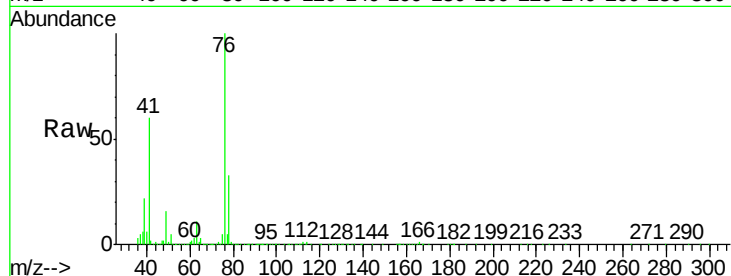
VSTDIC020

Tot Ion: 76 Resp: 125854

Ion Ratio Lower Upper

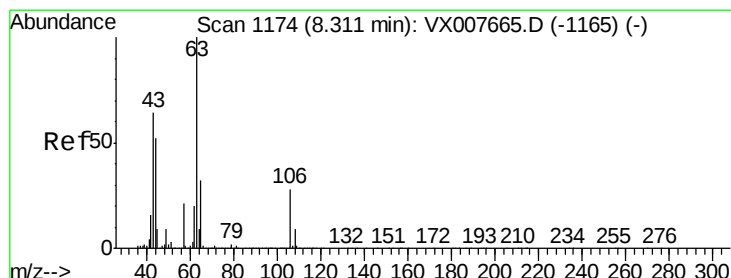
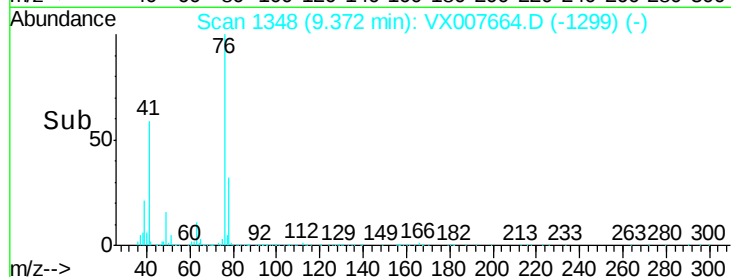
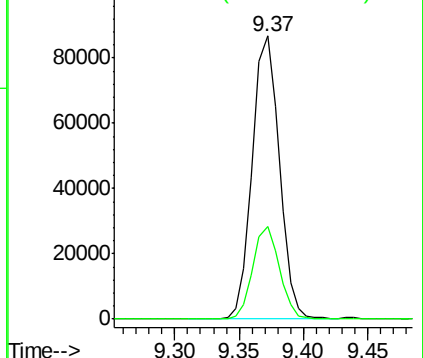
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.201 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007664.D

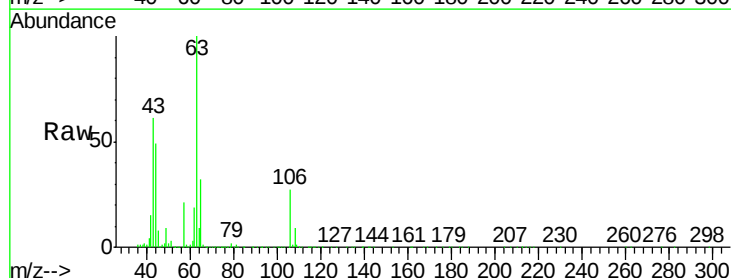
Acq: 25 Feb 2019 10:41

Tgt Ion: 63 Resp: 310433

Ion Ratio Lower Upper

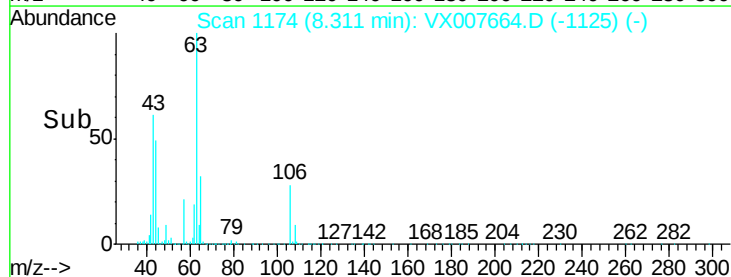
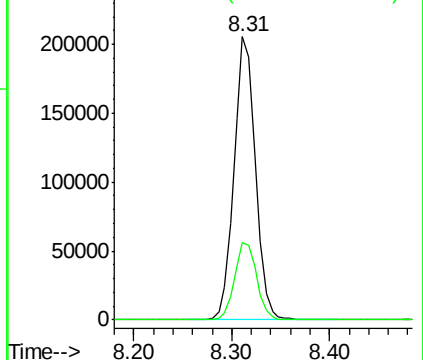
63 100

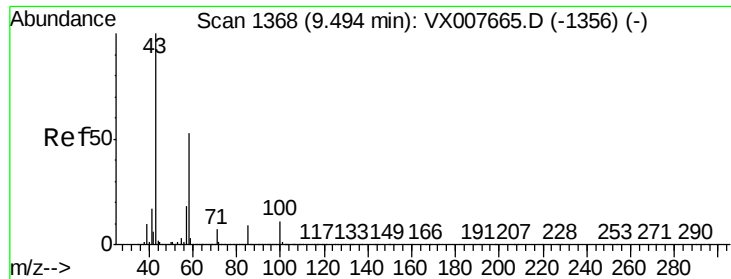
106 28.4 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

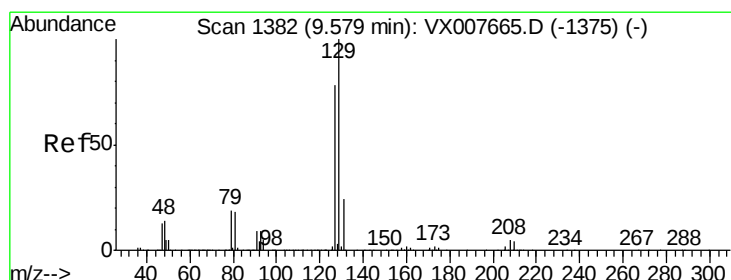
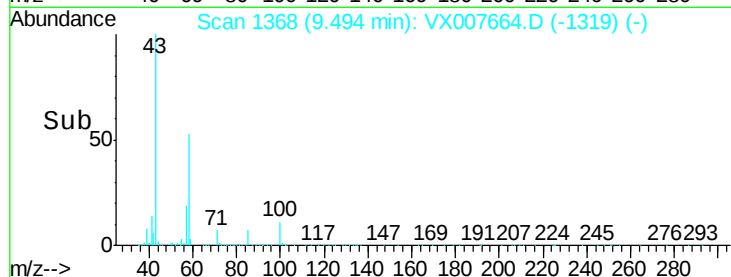
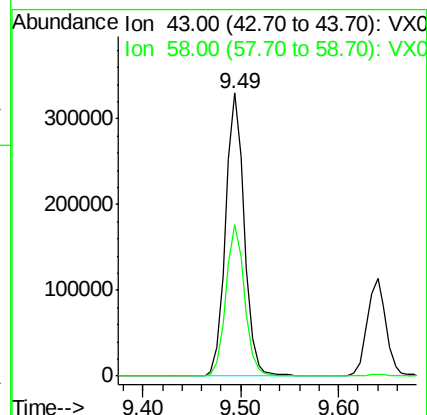
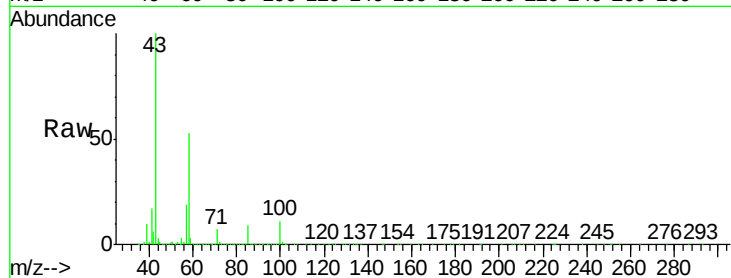




#59
2-Hexanone
Concen: 97.731 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

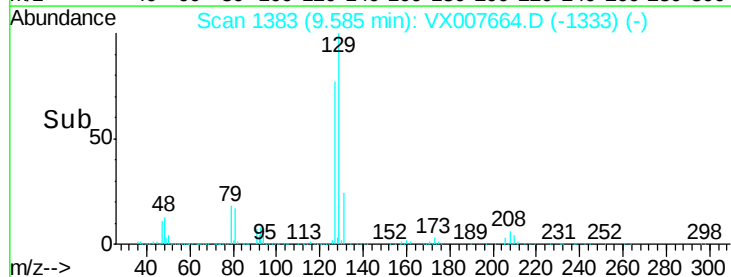
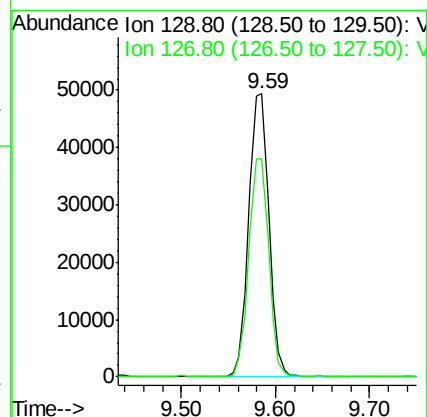
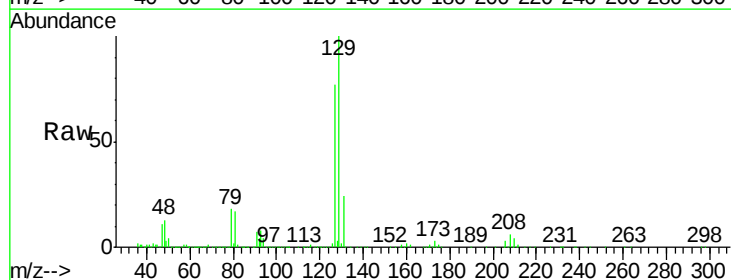
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

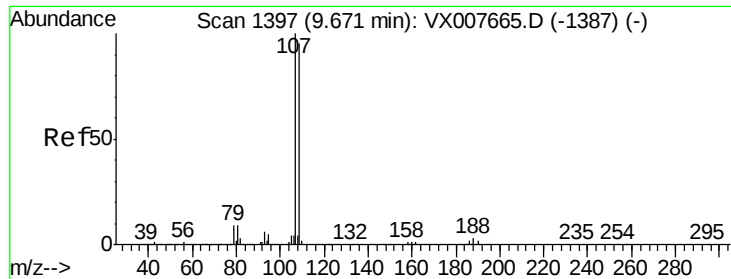
Tot Ion: 43 Resp: 436054
Ion Ratio Lower Upper
43 100
58 53.4 27.1 81.3



#60
Dibromochloromethane
Concen: 19.203 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion:129 Resp: 74484
Ion Ratio Lower Upper
129 100
127 75.7 37.8 113.4

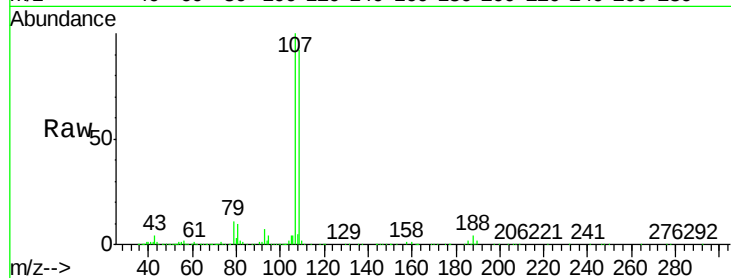




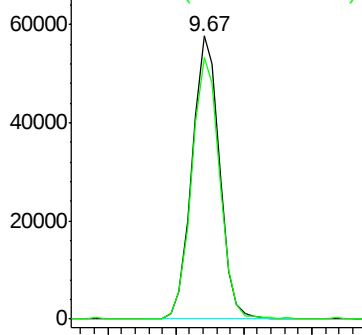
#61
 1,2-Dibromoethane
 Concen: 19.261 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

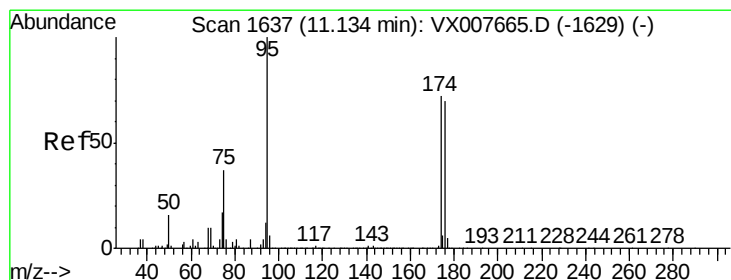
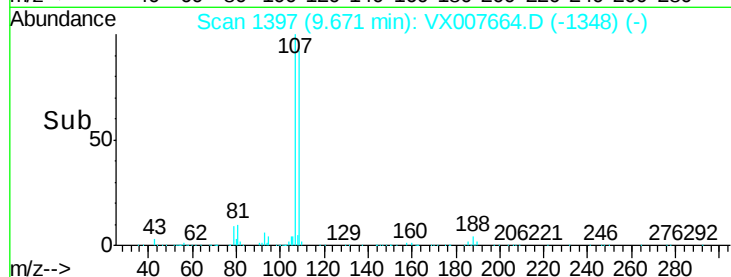
Tot Ion:107 Resp: 80614
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

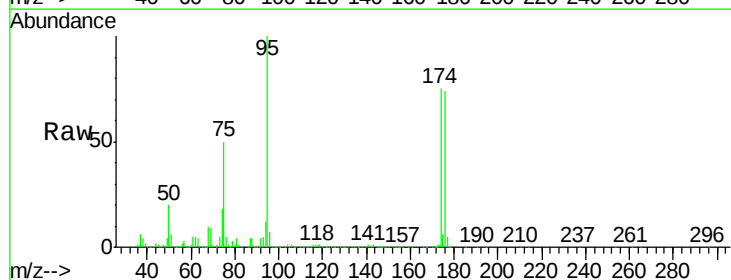


Time-->

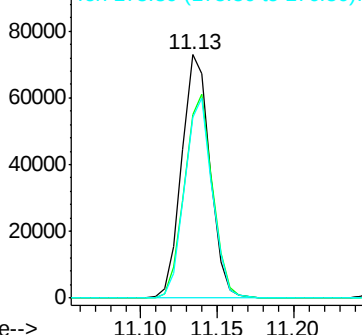


#62
 4-Bromofluorobenzene
 Concen: 17.915 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

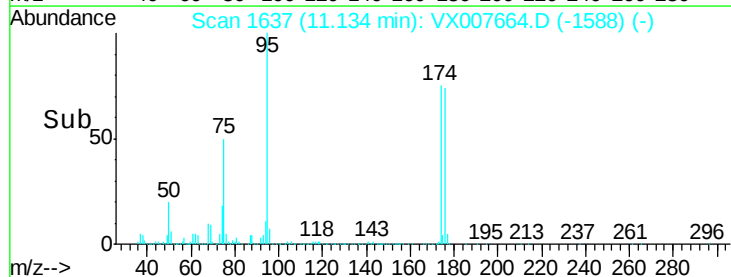
Tgt Ion: 95 Resp: 92951
 Ion Ratio Lower Upper
 95 100
 174 83.5 0.0 189.2
 176 80.4 0.0 186.2

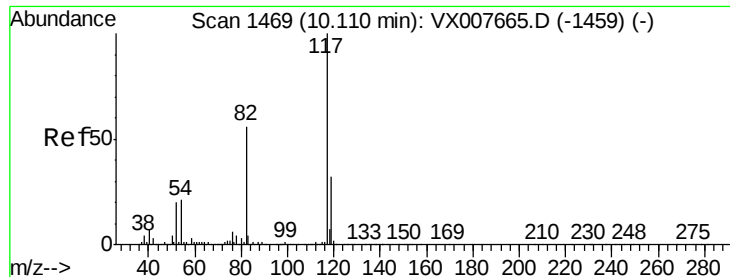


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V



Time-->

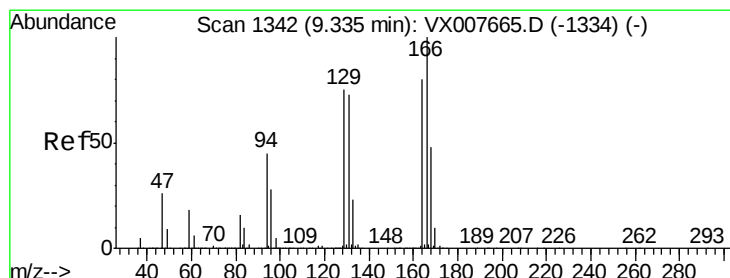
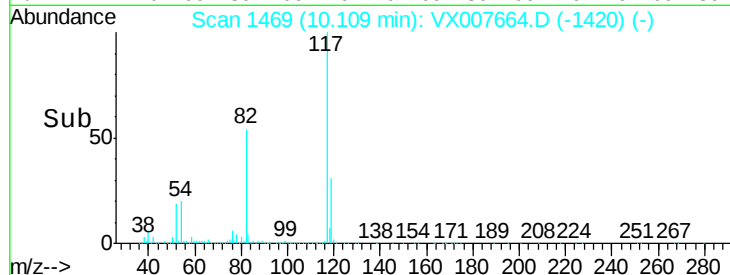
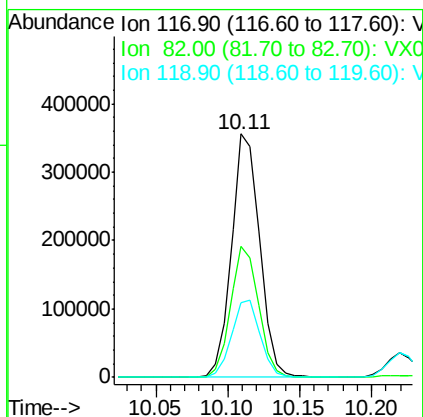
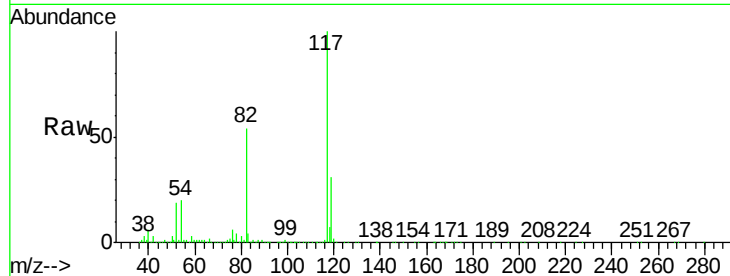




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

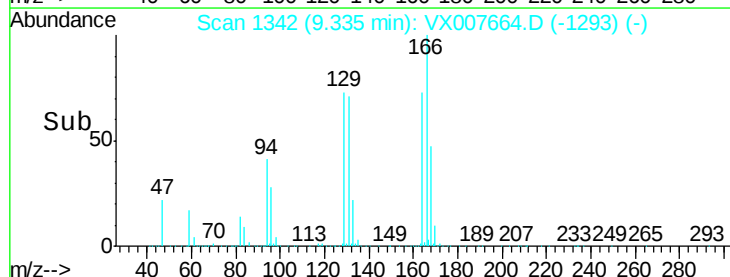
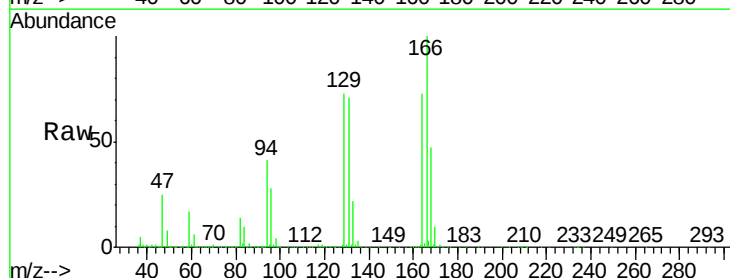
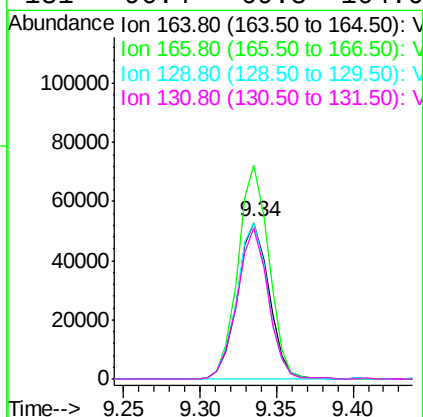
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

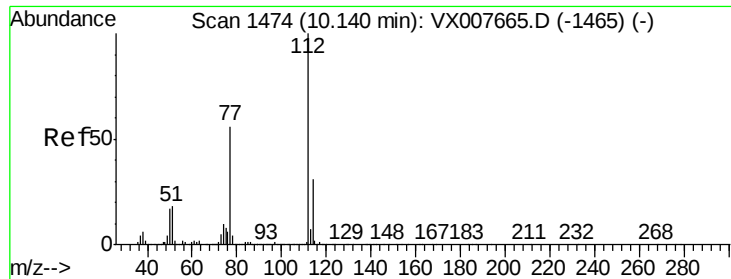
Tot Ion:117 Resp: 488522
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 30.8 26.5 39.7



#64
Tetrachloroethene
Concen: 19.273 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion:164 Resp: 76436
Ion Ratio Lower Upper
164 100
166 136.5 101.0 151.4
129 99.7 70.5 105.7
131 96.4 69.8 104.6





#65

Chlorobenzene

Concen: 19.407 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

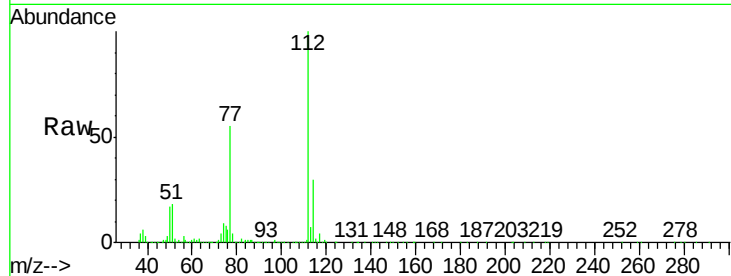
VSTDIC020

Tot Ion:112 Resp: 205045

Ion Ratio Lower Upper

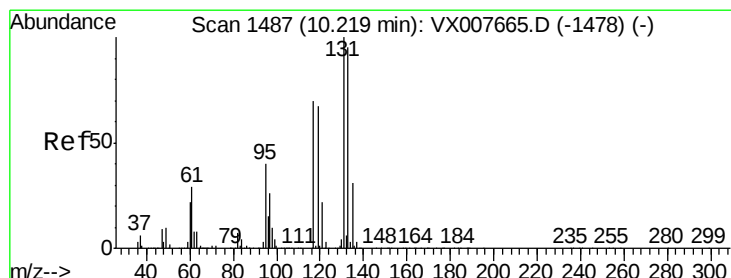
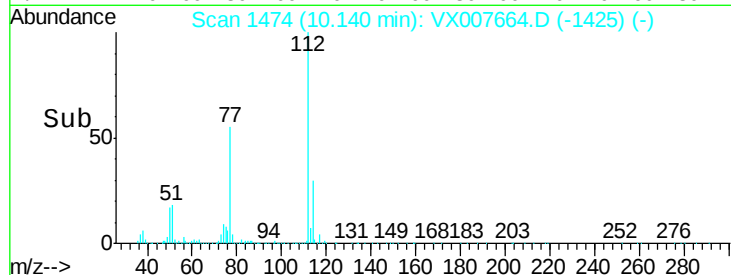
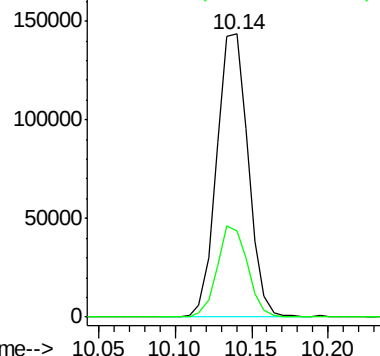
112 100

114 30.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.417 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

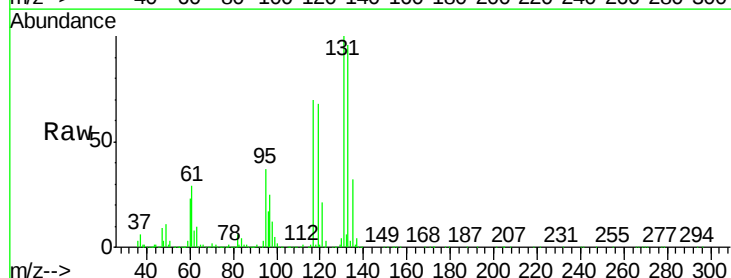
Tgt Ion:131 Resp: 71561

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

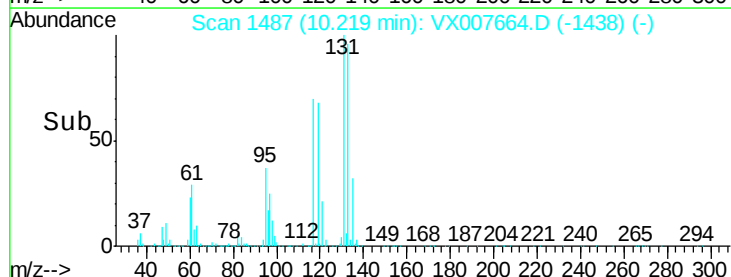
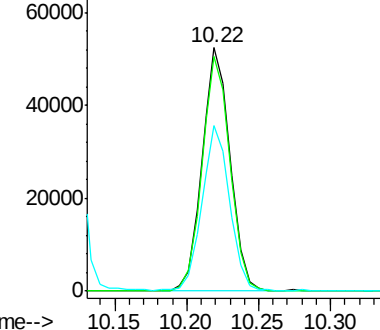
119 66.9 32.0 96.0

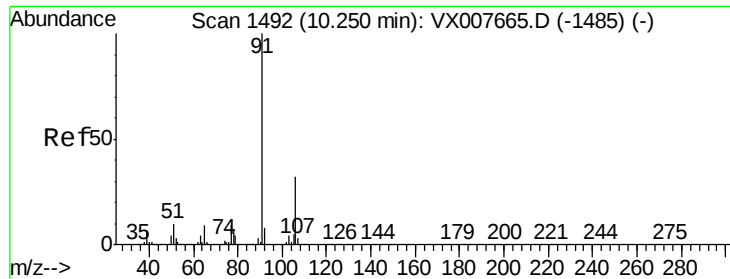


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

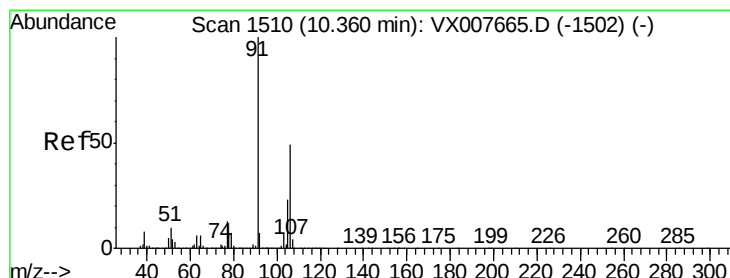
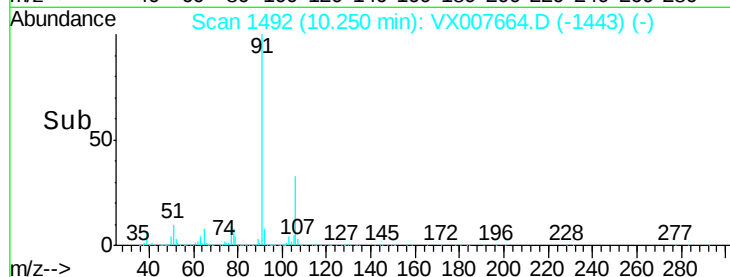
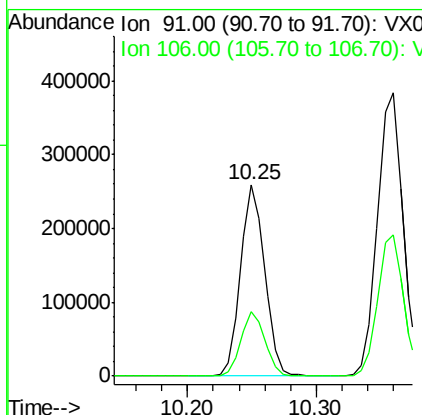
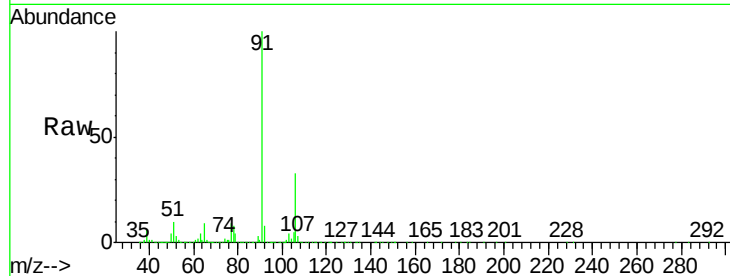




#67
Ethyl Benzene
Concen: 19.257 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

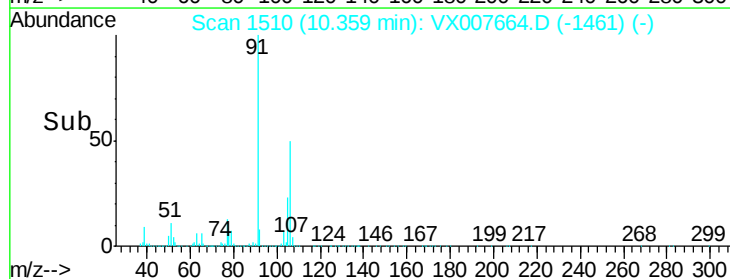
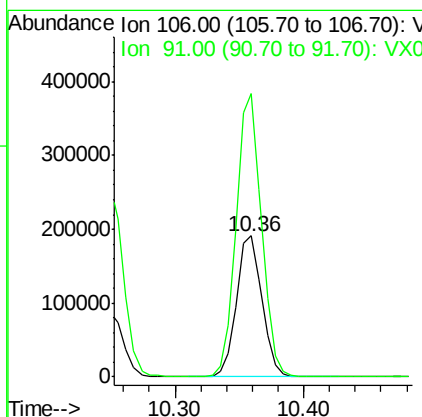
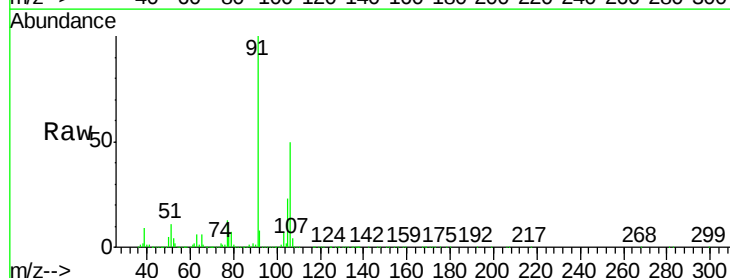
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

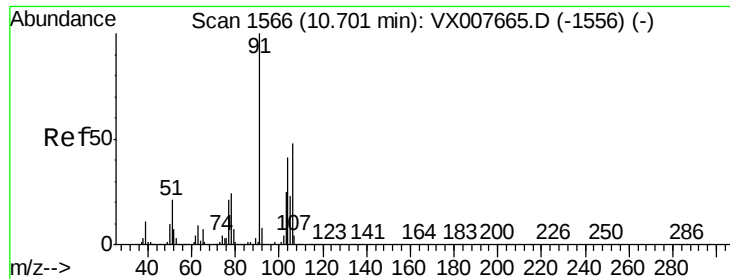
Tot Ion: 91 Resp: 337048
Ion Ratio Lower Upper
91 100
106 33.3 25.4 38.0



#68
m/p-Xylenes
Concen: 38.578 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 106 Resp: 262685
Ion Ratio Lower Upper
106 100
91 198.8 156.6 234.8

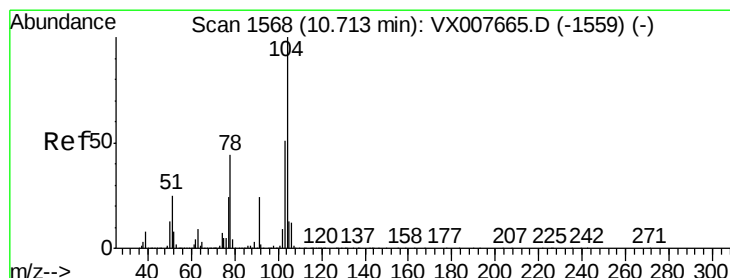
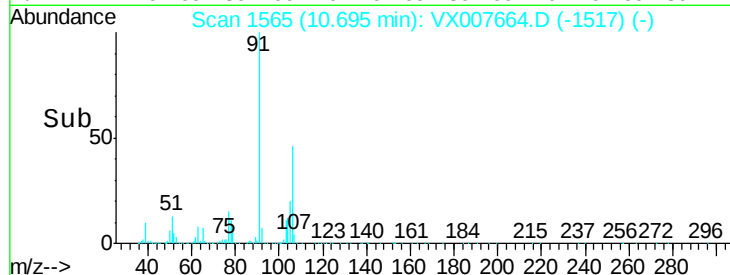
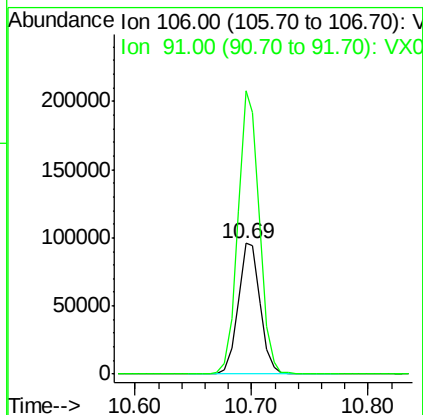
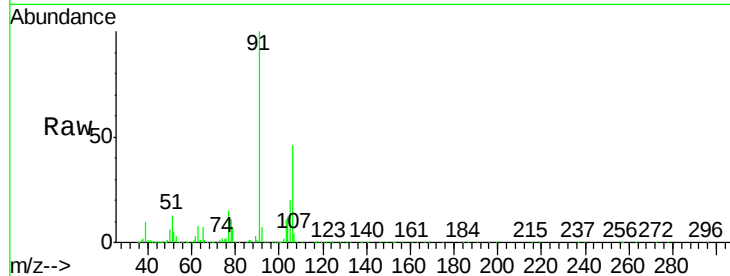




#69
o-Xylene
Concen: 19.288 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

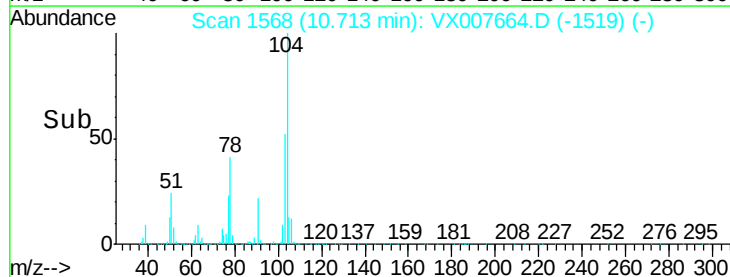
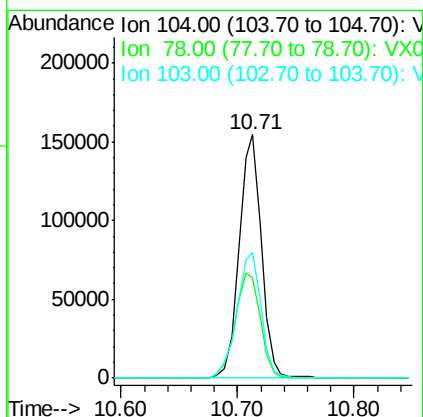
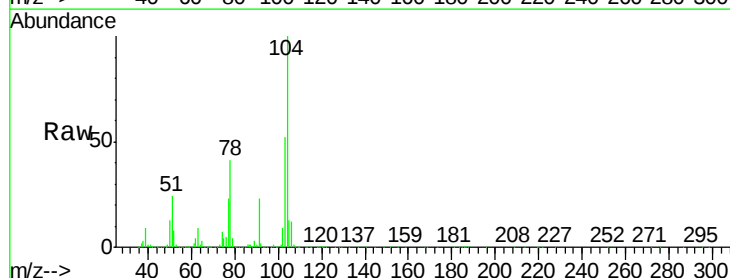
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

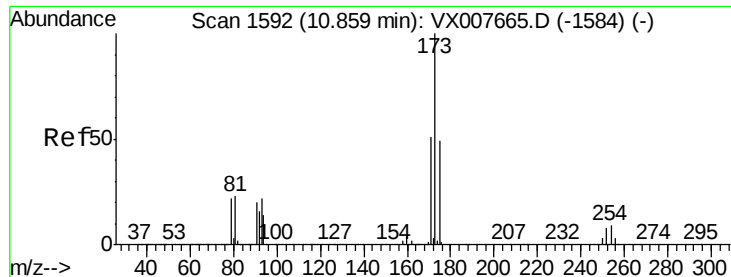
Tot Ion:106 Resp: 126327
Ion Ratio Lower Upper
106 100
91 209.6 102.9 308.7



#70
Styrene
Concen: 18.986 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion:104 Resp: 204393
Ion Ratio Lower Upper
104 100
78 49.6 38.3 57.5
103 56.8 44.6 67.0





#71

Bromoform

Concen: 18.733 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

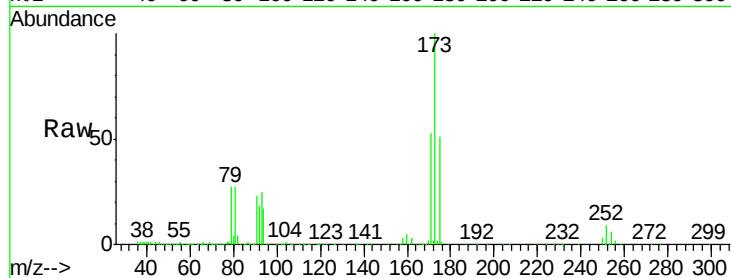
Tot Ion:173 Resp: 51772

Ion Ratio Lower Upper

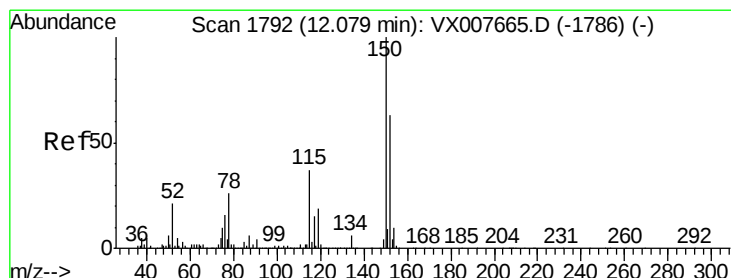
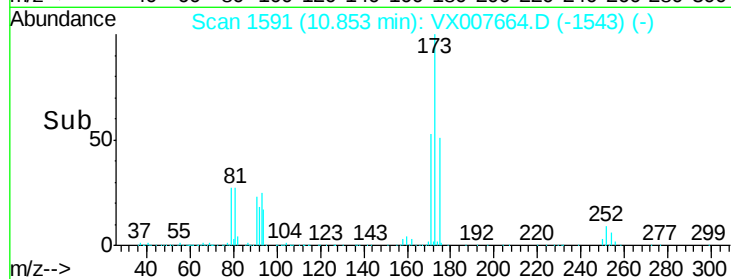
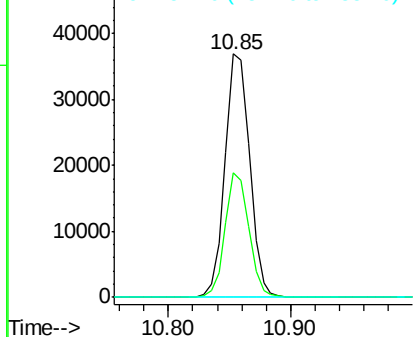
173 100

175 49.2 24.2 72.6

254 0.0 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: VX007664.D

Acq: 25 Feb 2019 10:41

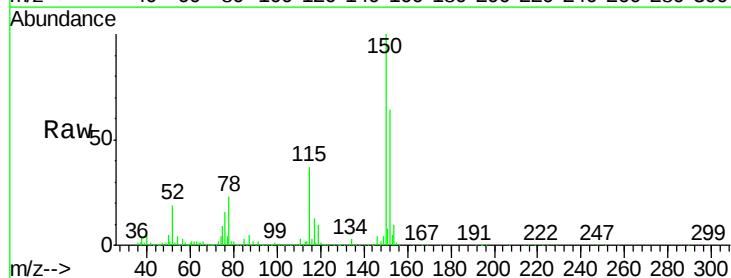
Tgt Ion:152 Resp: 238469

Ion Ratio Lower Upper

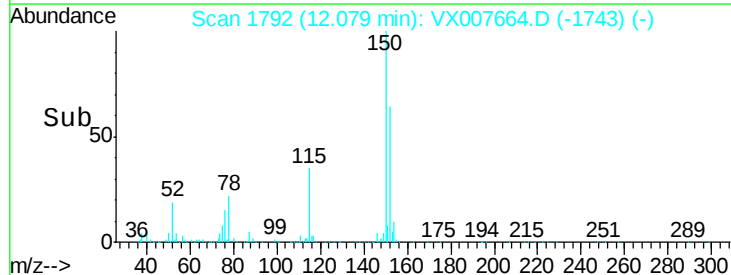
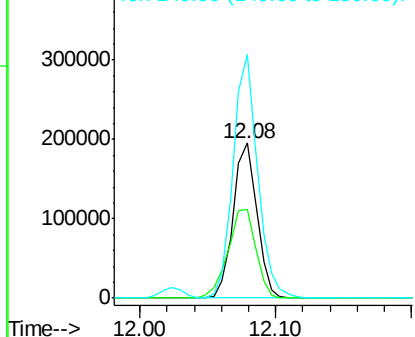
152 100

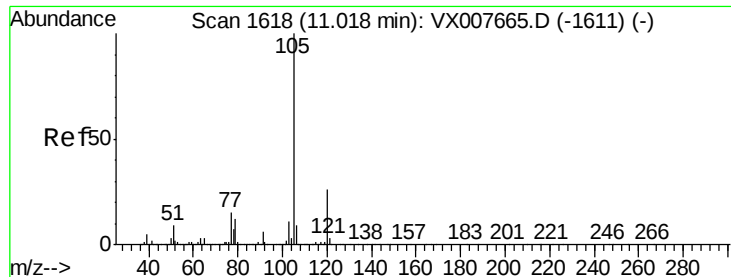
115 66.7 38.0 114.0

150 161.6 0.0 346.4



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





#73

Isopropylbenzene

Concen: 19.902 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

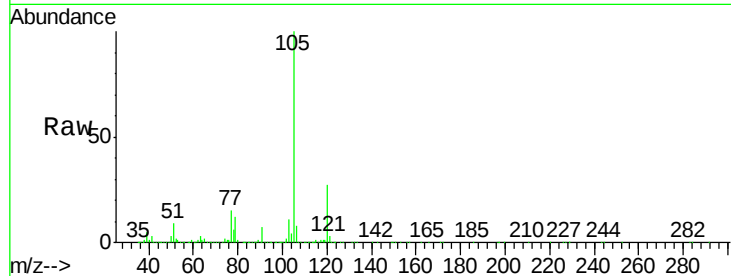
VSTDIC020

Tot Ion:105 Resp: 339210

Ion Ratio Lower Upper

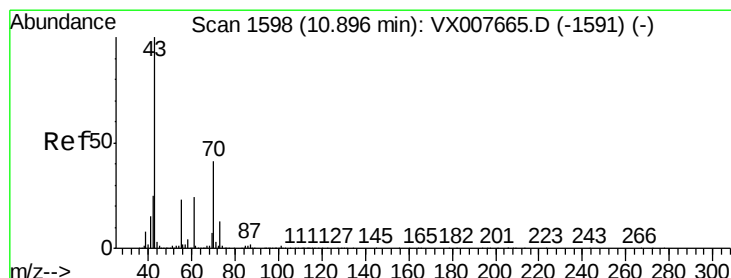
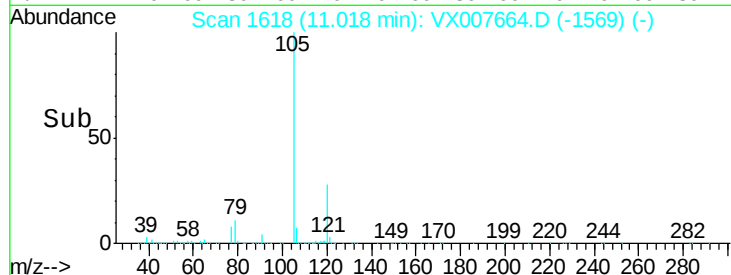
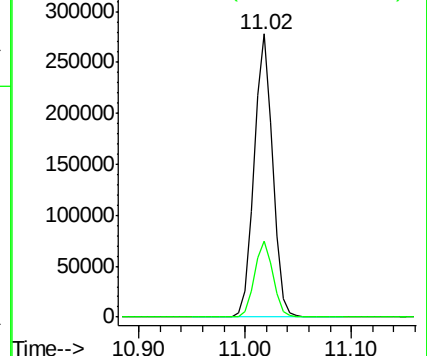
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.879 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Tgt Ion: 43 Resp: 147132

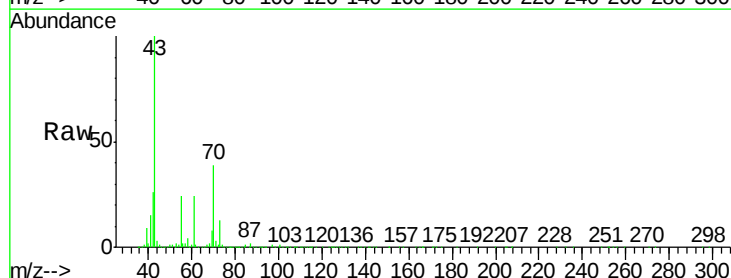
Ion Ratio Lower Upper

43 100

70 40.8 33.8 50.6

55 25.6 19.5 29.3

61 24.4 19.4 29.2

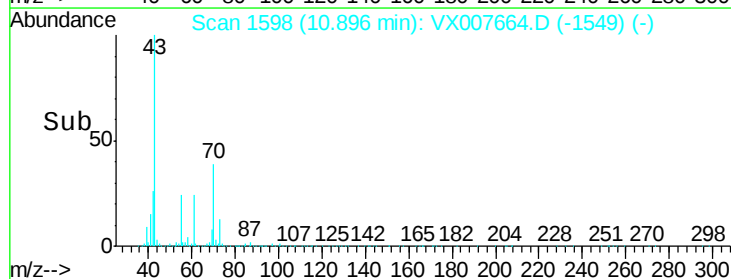
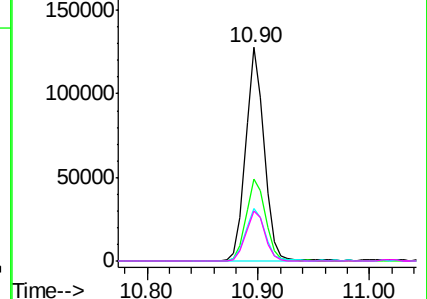


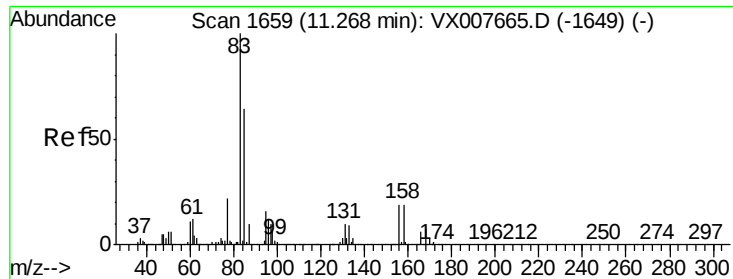
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.641 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

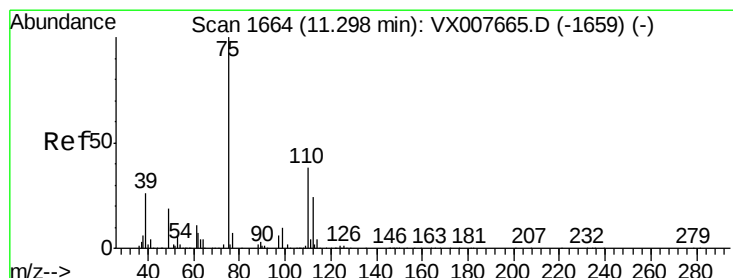
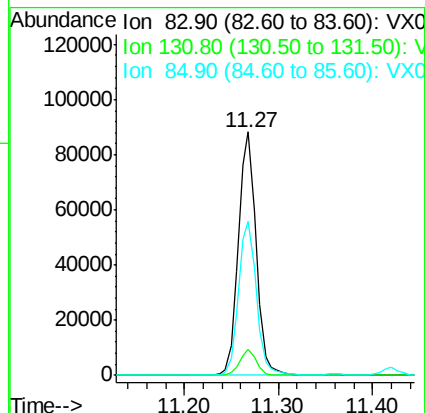
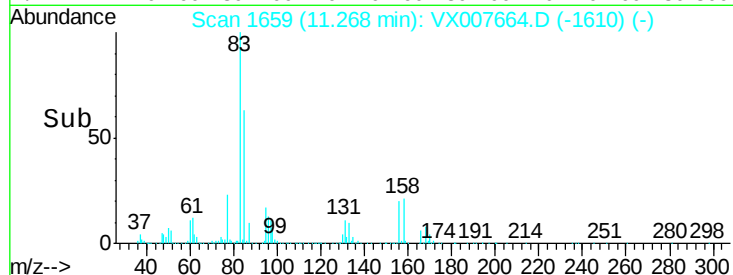
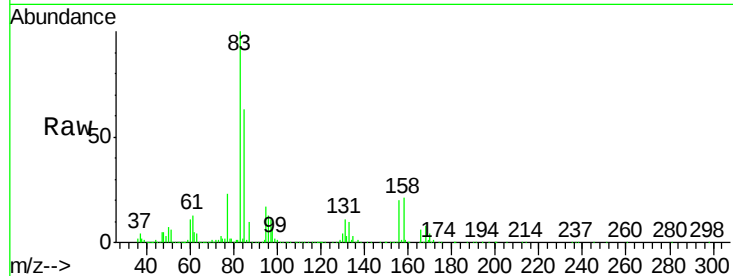
Tot Ion: 83 Resp: 115782

Ion Ratio Lower Upper

83 100

131 10.3 5.7 17.0

85 64.3 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 25.865 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007664.D

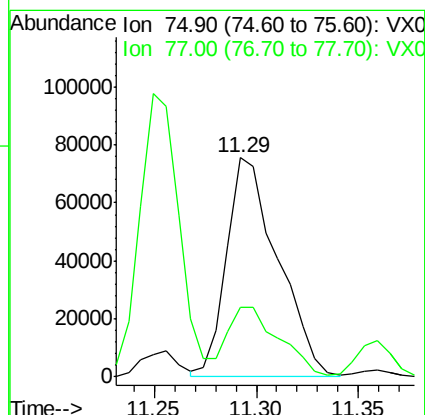
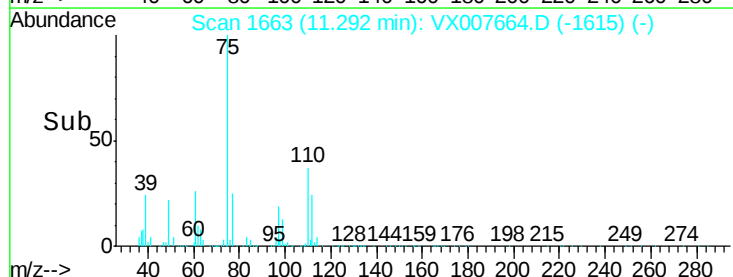
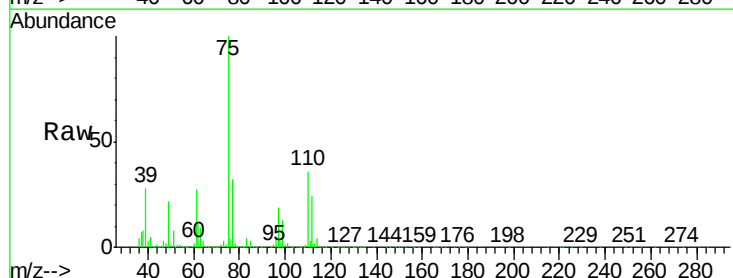
Acq: 25 Feb 2019 10:41

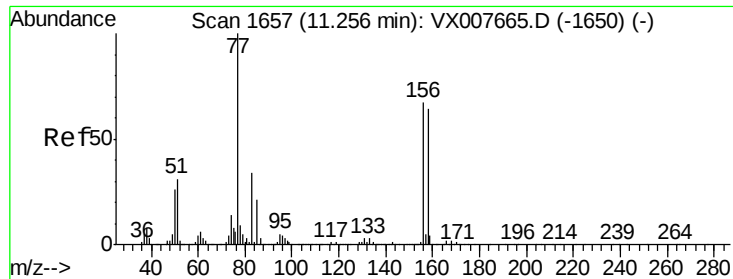
Tgt Ion: 75 Resp: 131474

Ion Ratio Lower Upper

75 100

77 31.2 23.0 69.0





#77

Bromobenzene

Concen: 19.781 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

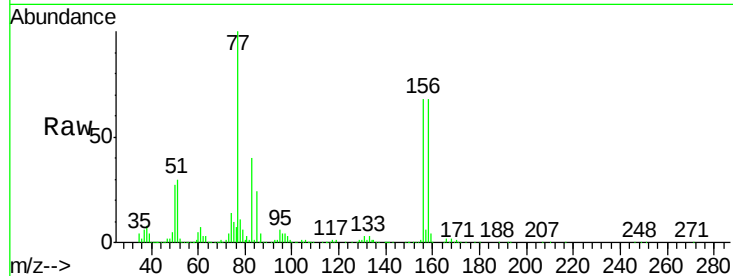
Tot Ion:156 Resp: 84562

Ion Ratio Lower Upper

156 100

77 157.1 66.8 200.6

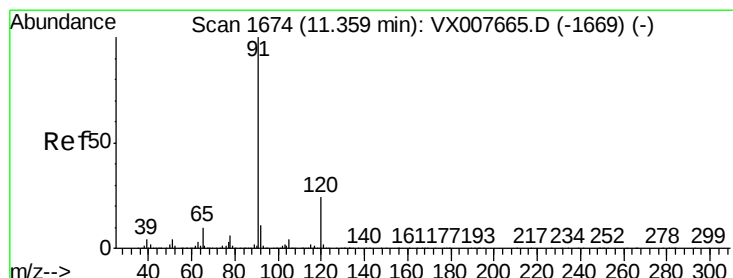
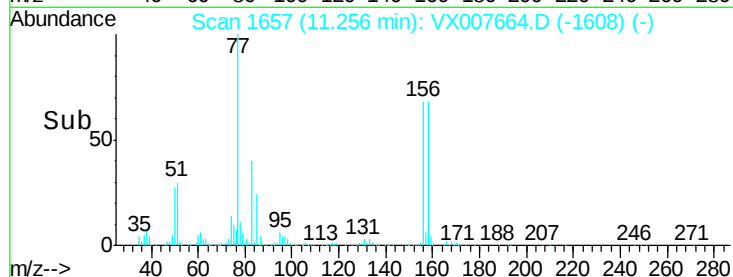
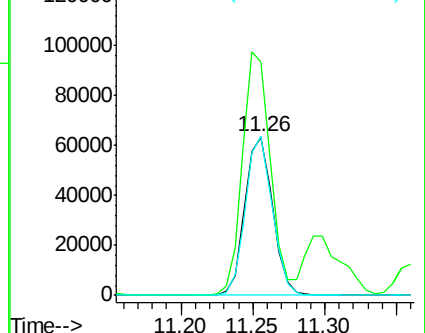
158 98.0 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.887 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007664.D

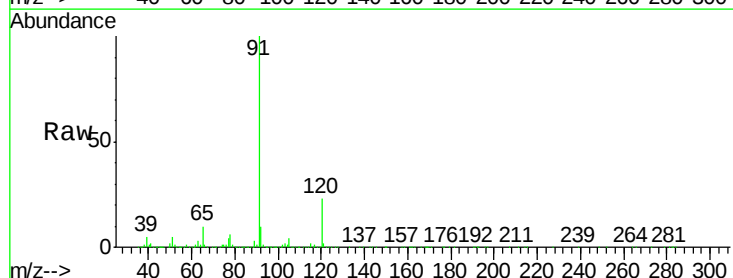
Acq: 25 Feb 2019 10:41

Tgt Ion: 91 Resp: 383021

Ion Ratio Lower Upper

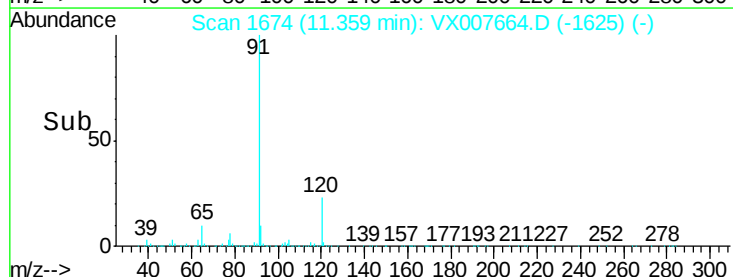
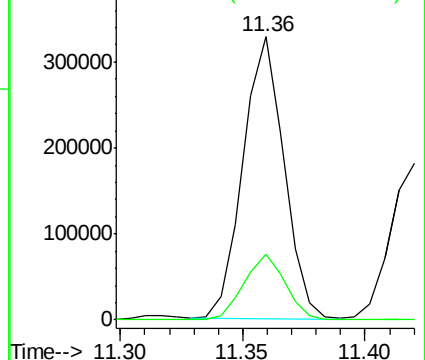
91 100

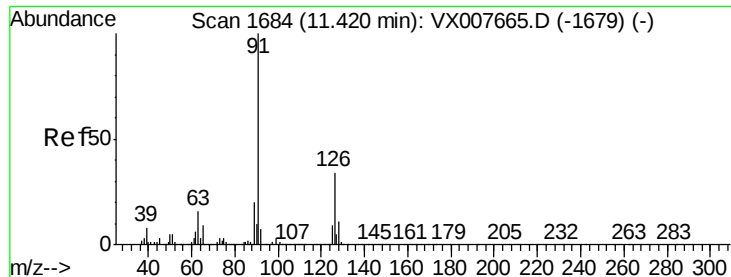
120 23.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.506 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

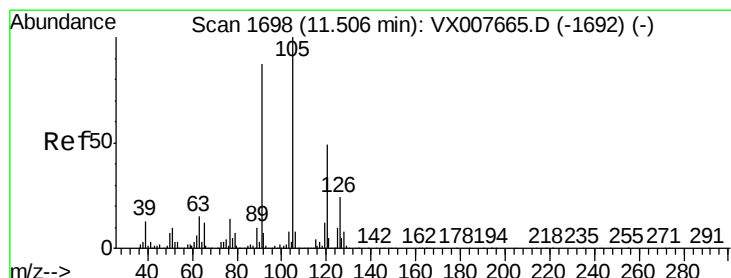
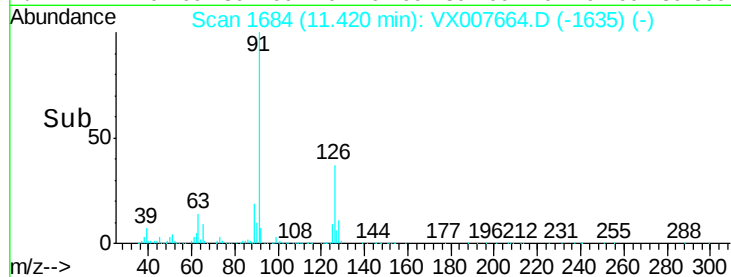
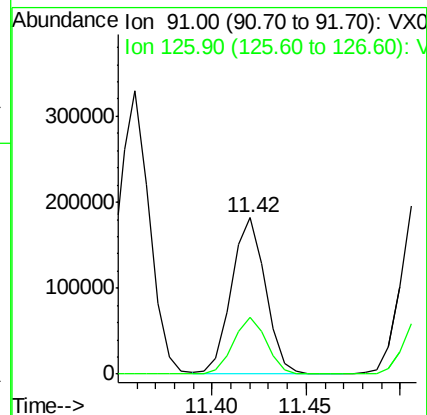
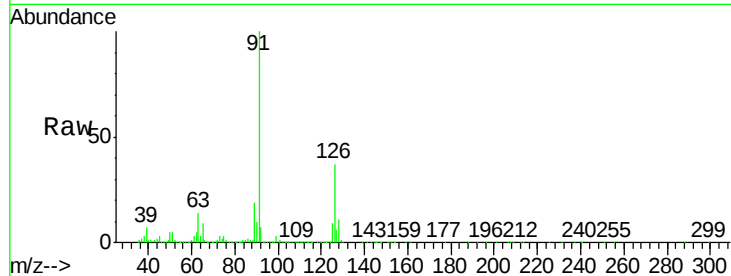
VSTDIC020

Tot Ion: 91 Resp: 226202

Ion Ratio Lower Upper

91 100

126 36.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.717 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007664.D

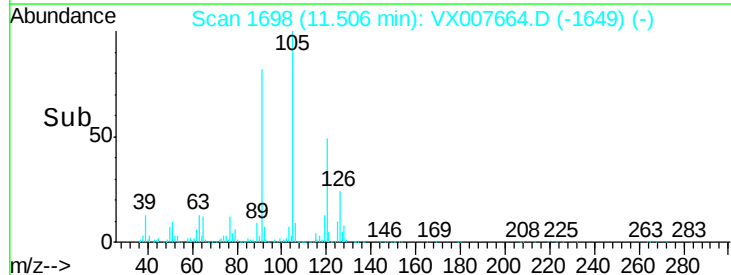
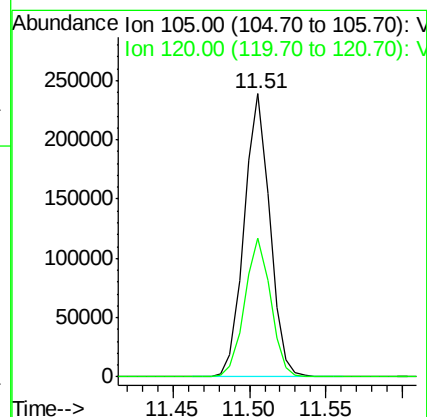
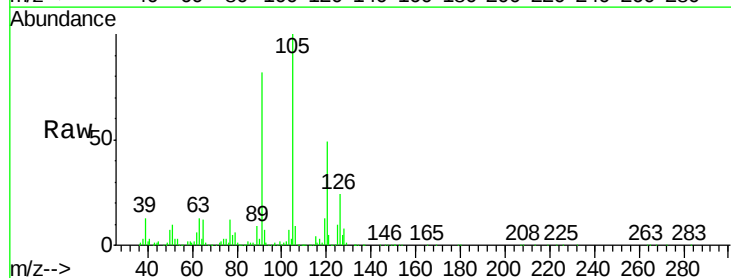
Acq: 25 Feb 2019 10:41

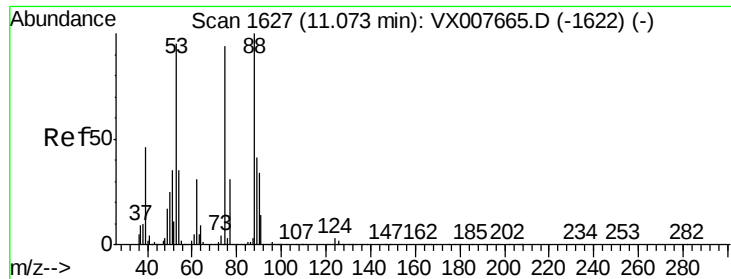
Tgt Ion: 105 Resp: 276415

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

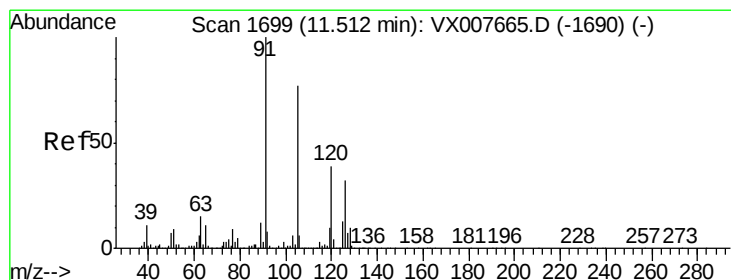
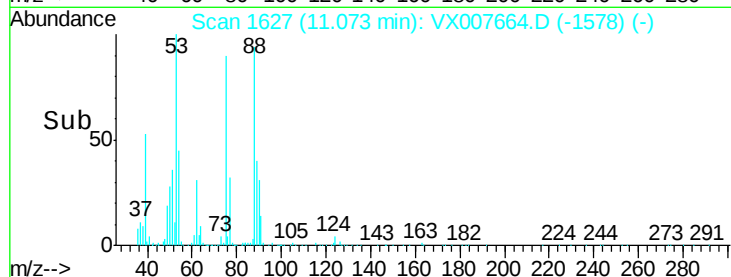
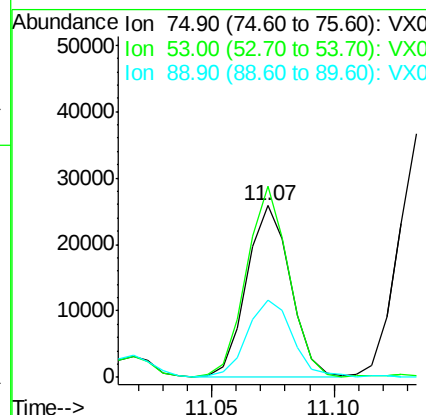
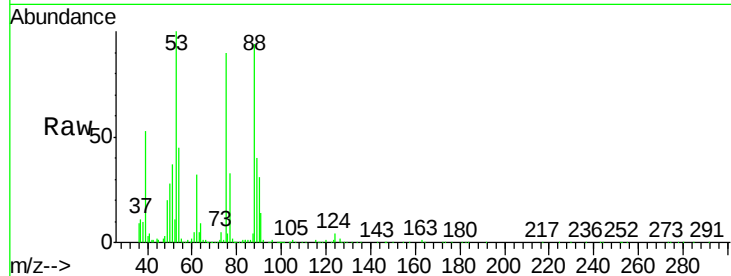




#81
trans-1,4-Dichloro-2-butene
Concen: 19.135 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

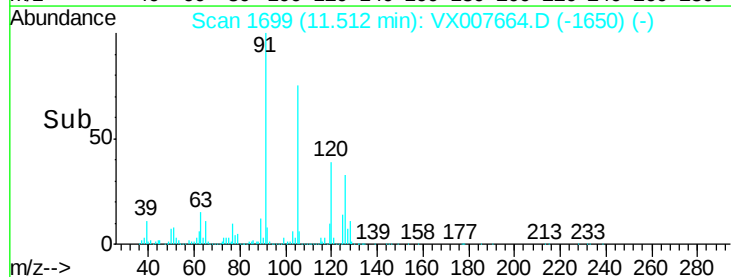
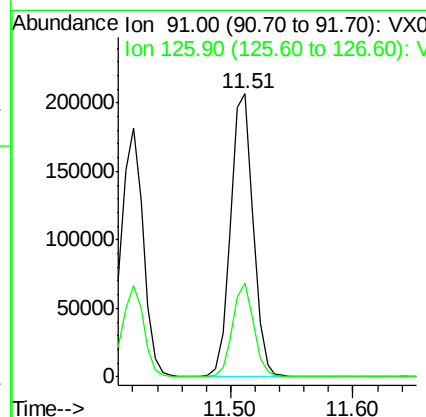
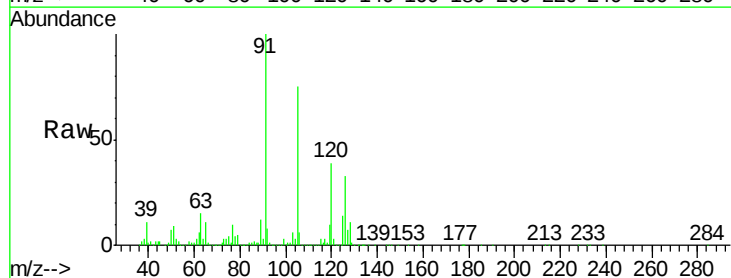
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

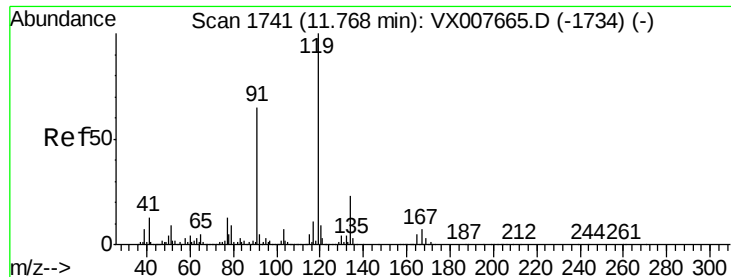
Tot Ion: 75 Resp: 32175
Ion Ratio Lower Upper
75 100
53 106.8 81.0 121.6
89 45.7 41.4 62.0



#82
4-Chlorotoluene
Concen: 19.263 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 91 Resp: 261329
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.614 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

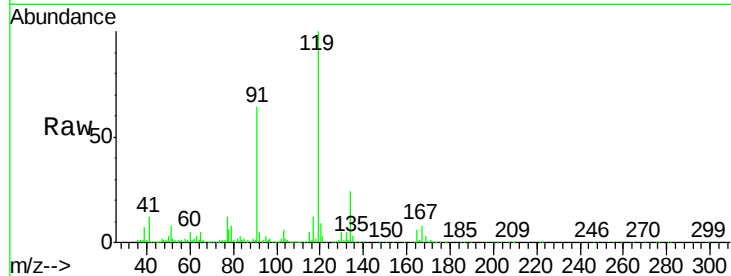
Tot Ion:119 Resp: 264018

Ion Ratio Lower Upper

119 100

91 60.0 28.5 85.6

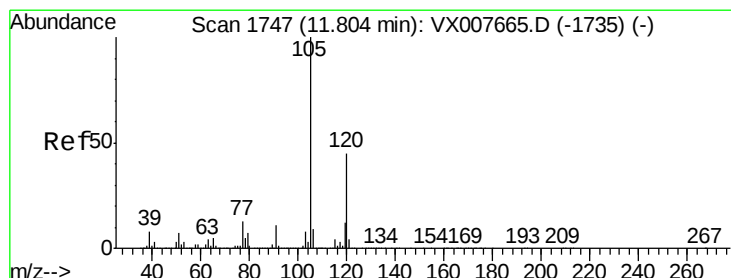
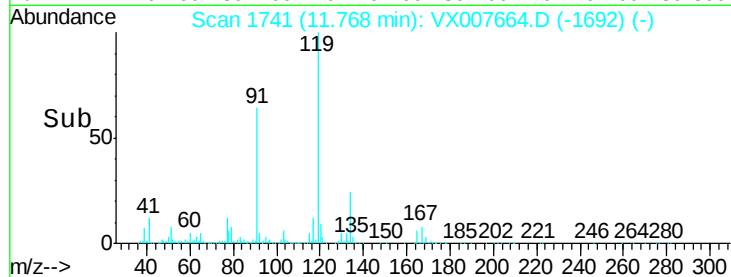
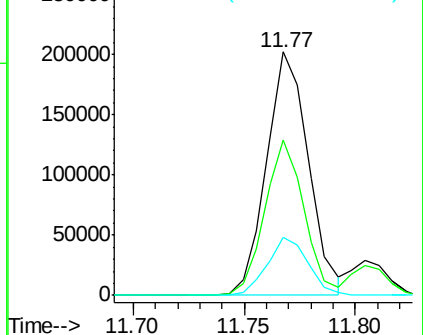
134 23.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.008 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007664.D

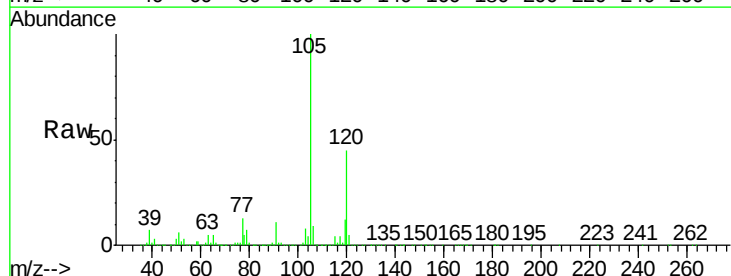
Acq: 25 Feb 2019 10:41

Tgt Ion:105 Resp: 286923

Ion Ratio Lower Upper

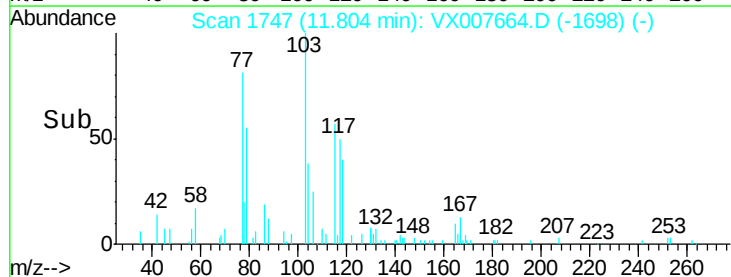
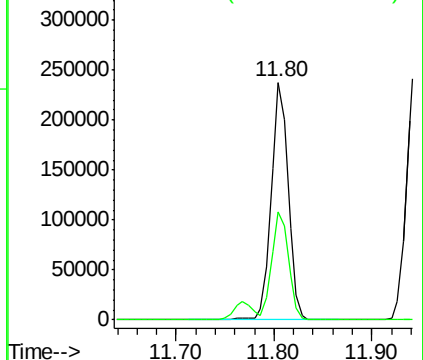
105 100

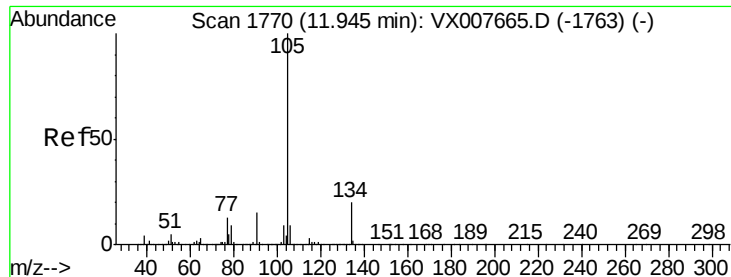
120 44.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.774 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

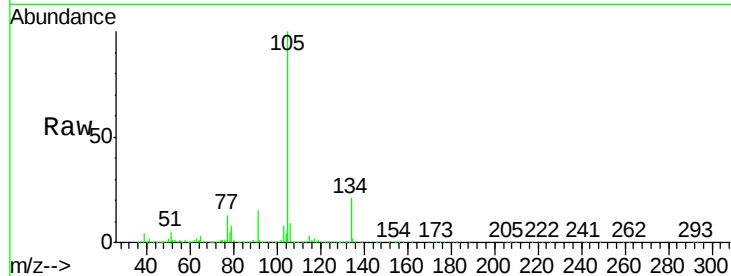
VSTDIC020

Tot Ion:105 Resp: 333537

Ion Ratio Lower Upper

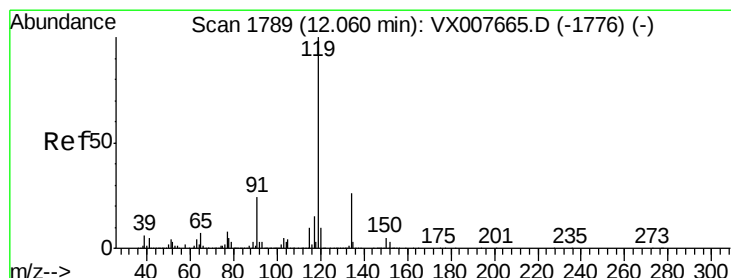
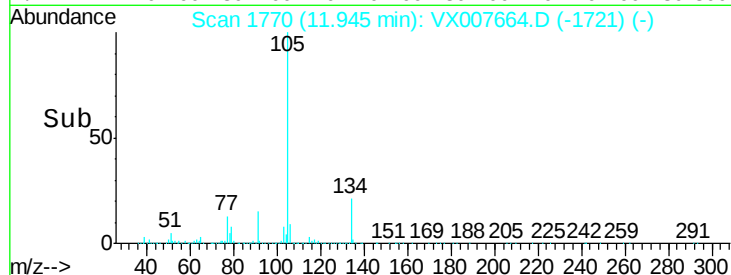
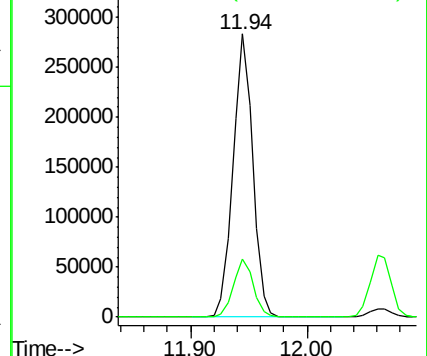
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.714 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

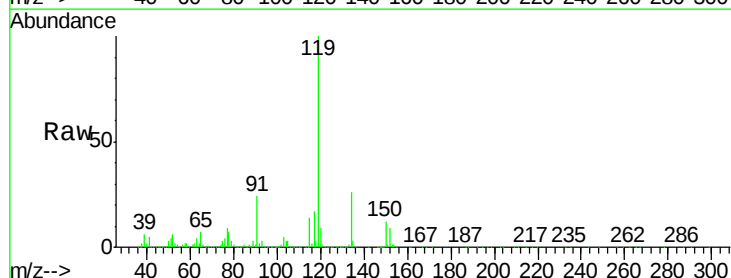
Tgt Ion:119 Resp: 291210

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

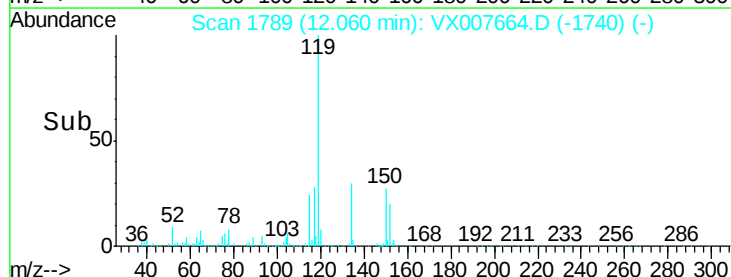
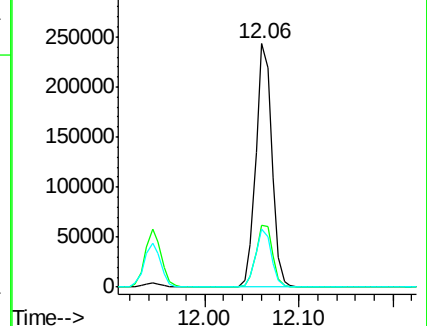
91 23.7 11.2 33.5

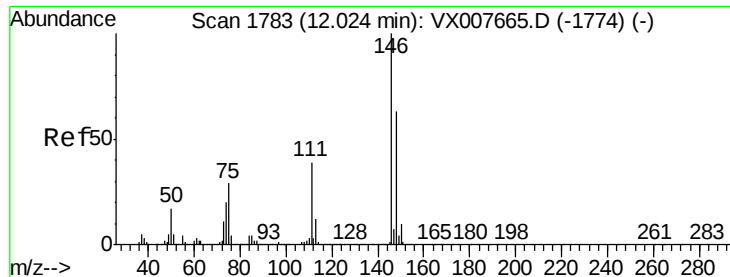


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

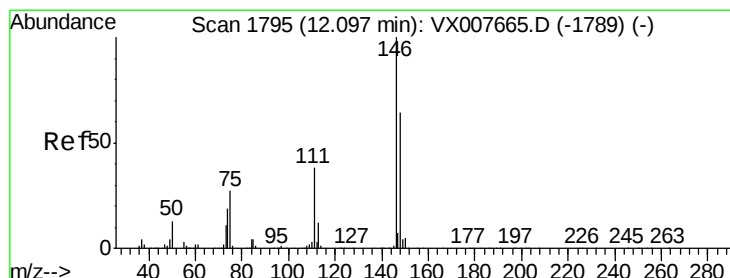
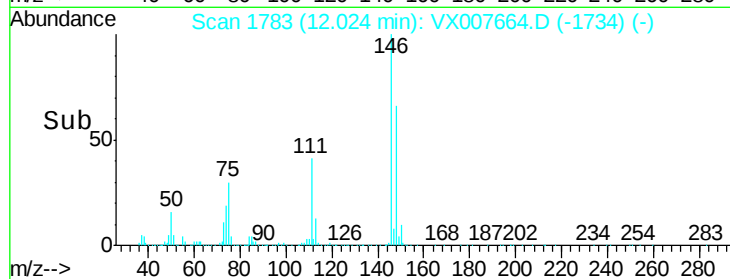
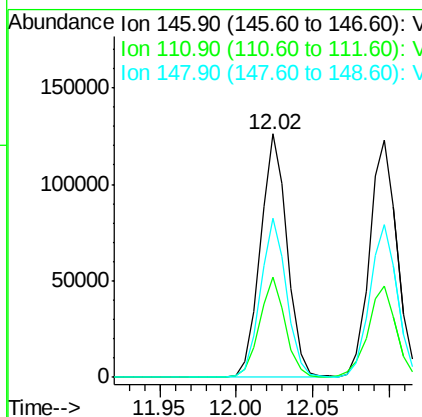
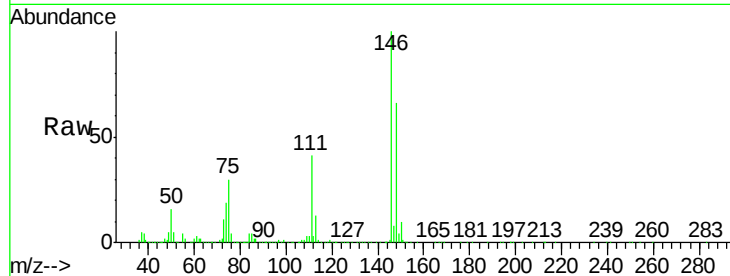




#87
 1,3-Dichlorobenzene
 Concen: 19.385 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

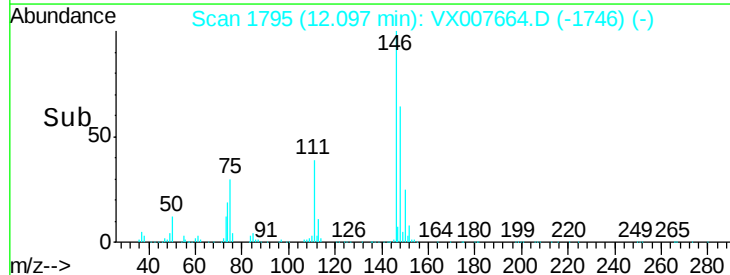
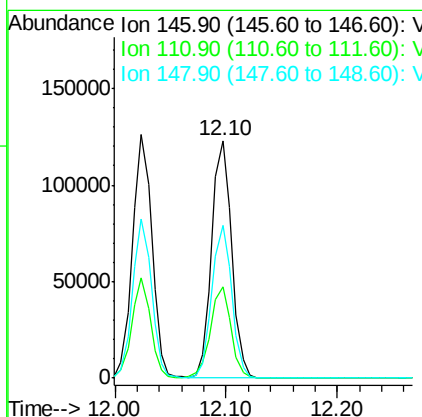
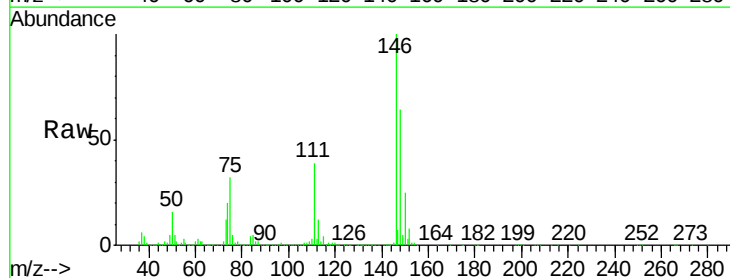
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

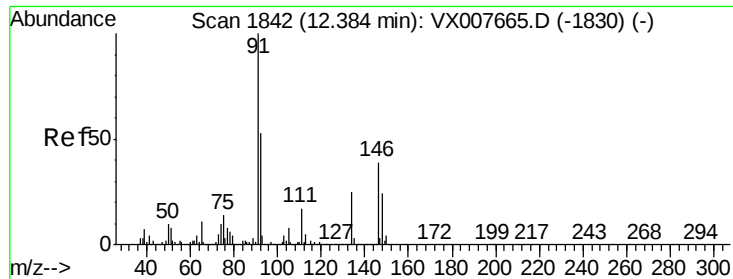
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.1	54.1
148	64.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.954 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.1	54.1
148	63.6	32.3	96.9

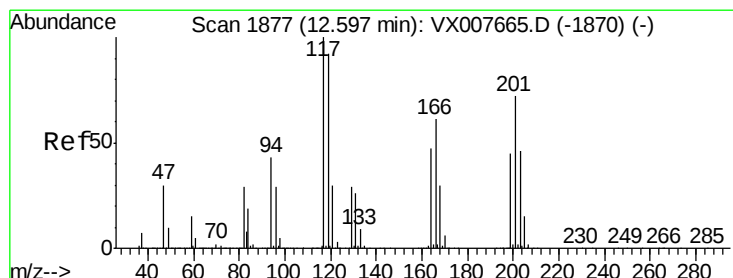
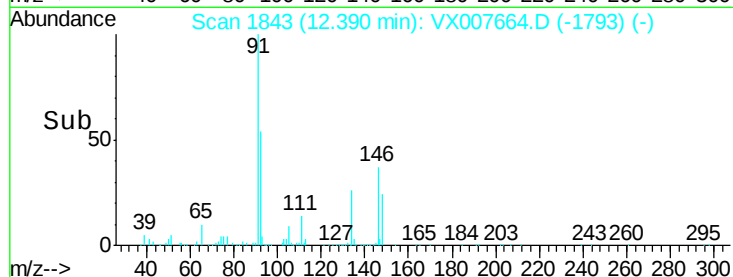
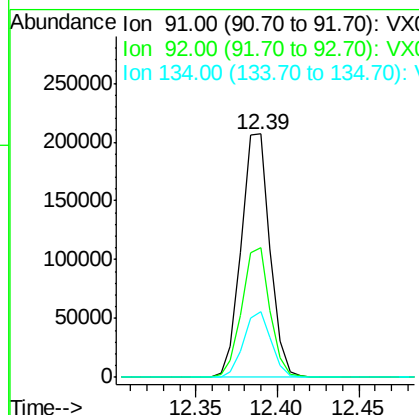
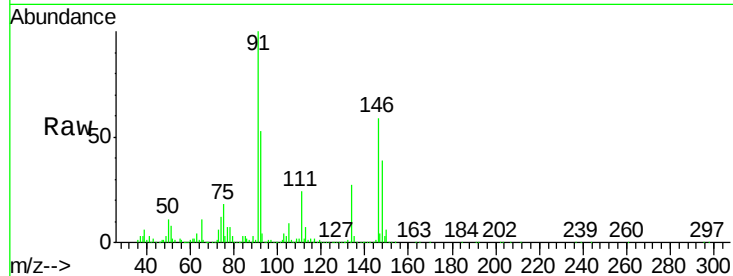




#89
n-Butylbenzene
Concen: 19.309 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

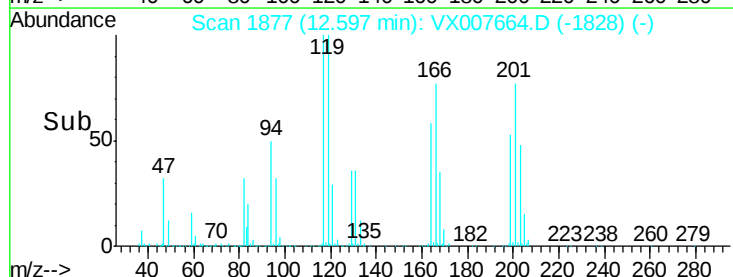
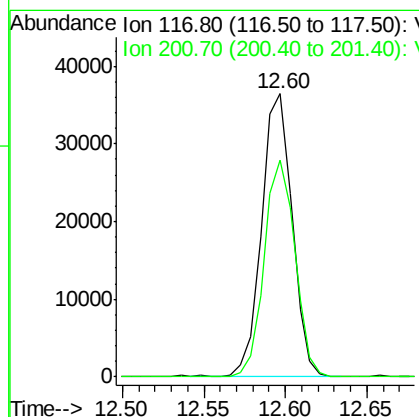
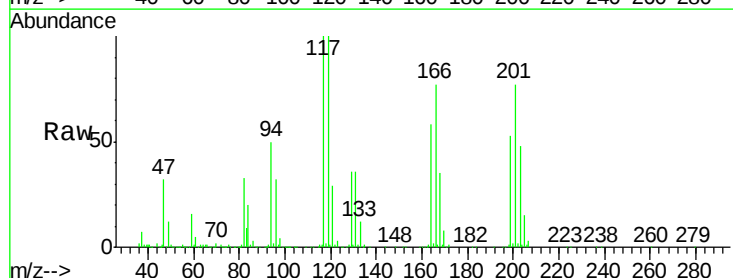
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

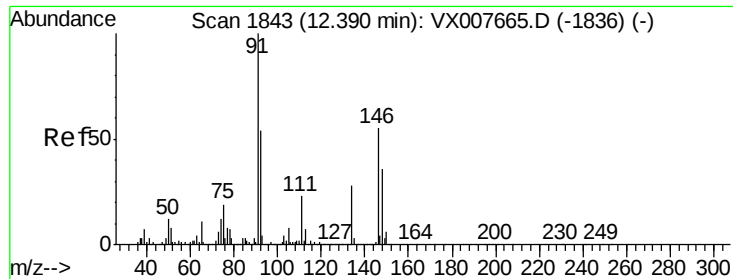
Tot Ion: 91 Resp: 254381
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 25.9 13.9 41.6



#90
Hexachloroethane
Concen: 19.146 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007664.D
Acq: 25 Feb 2019 10:41

Tgt Ion: 117 Resp: 47653
Ion Ratio Lower Upper
117 100
201 76.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.016 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

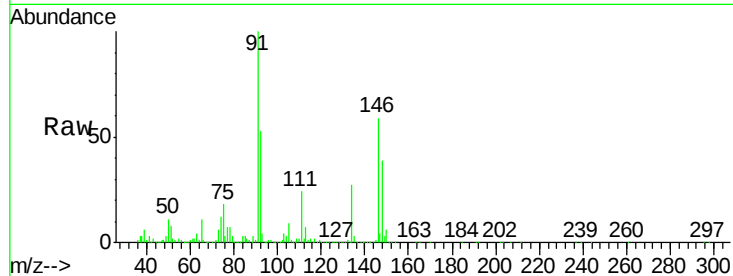
Tot Ion:146 Resp: 150870

Ion Ratio Lower Upper

146 100

111 41.5 19.1 57.3

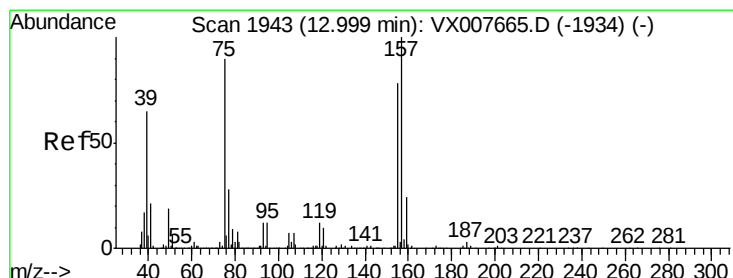
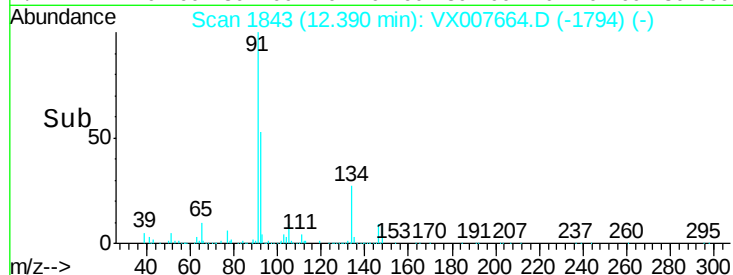
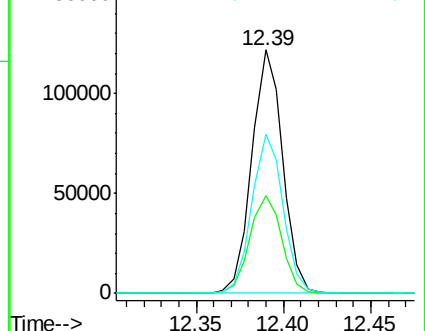
148 66.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.935 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

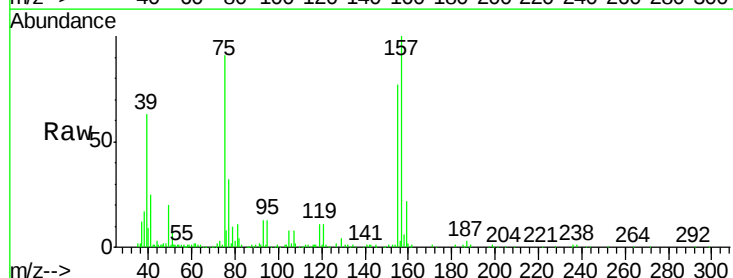
Tgt Ion: 75 Resp: 24321

Ion Ratio Lower Upper

75 100

155 87.5 49.6 149.0

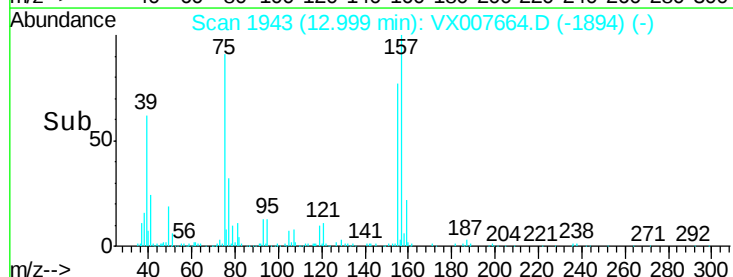
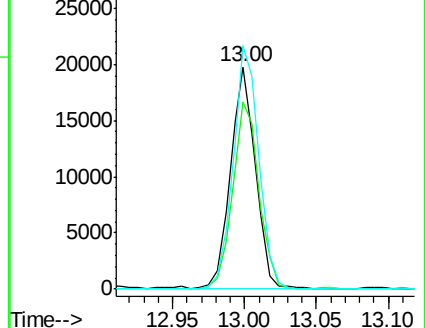
157 111.7 65.1 195.3

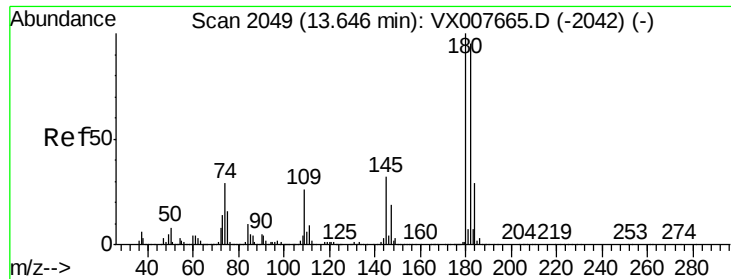


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

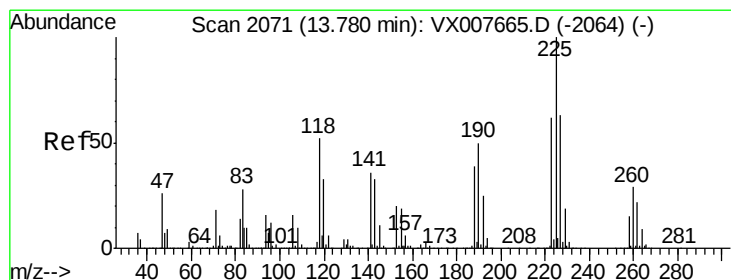
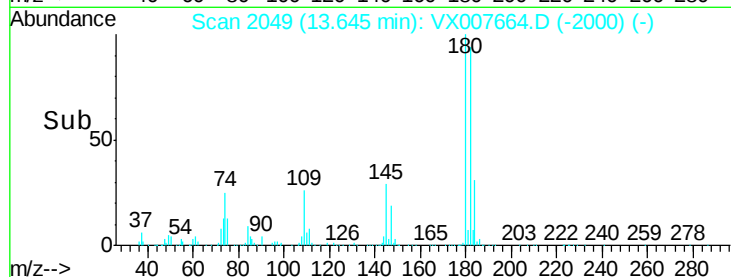
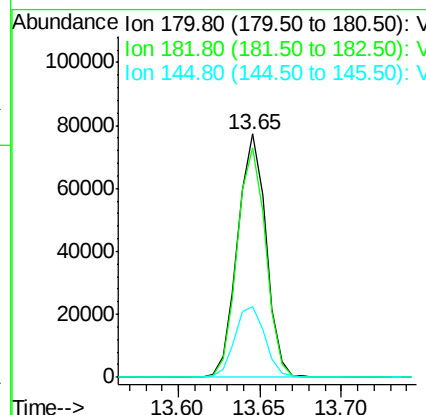
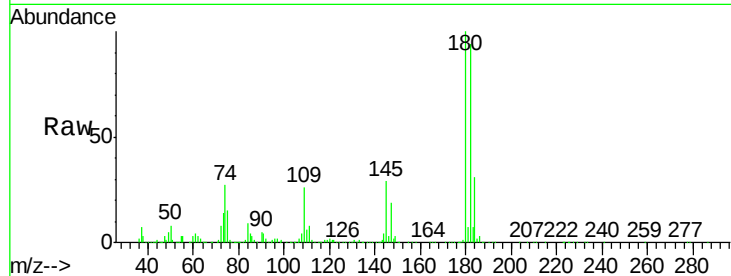




#93
 1,2,4-Trichlorobenzene
 Concen: 19.424 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

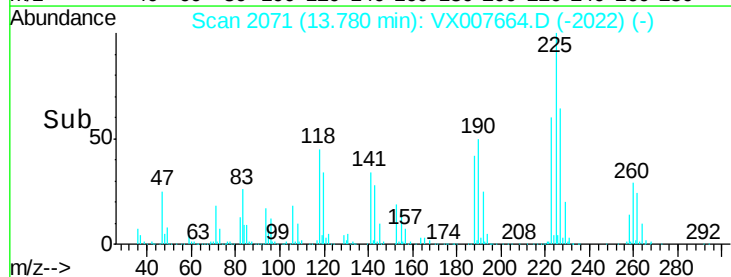
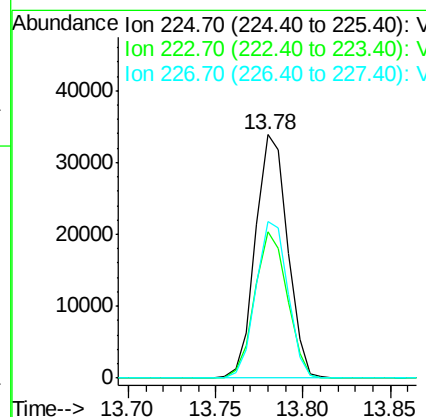
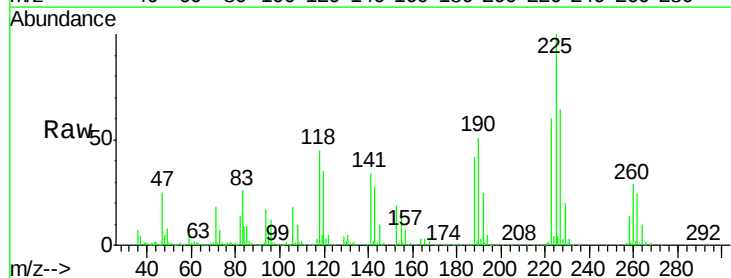
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

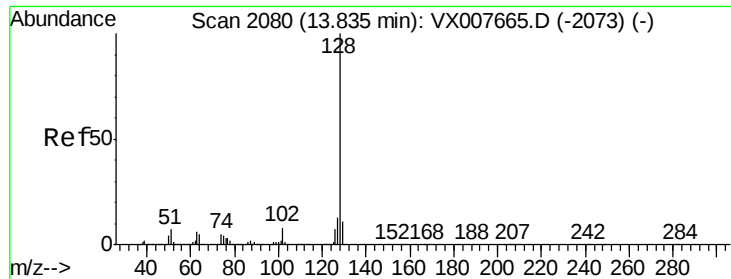
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.3
145	30.8	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.576 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007664.D
 Acq: 25 Feb 2019 10:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.6	94.8
227	63.9	32.1	96.3





#95

Naphthalene

Concen: 20.496 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

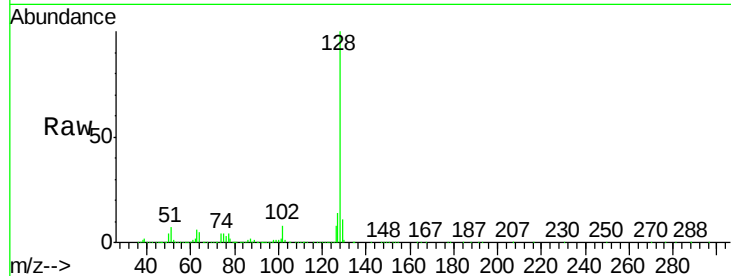
Tot Ion:128 Resp: 321601

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

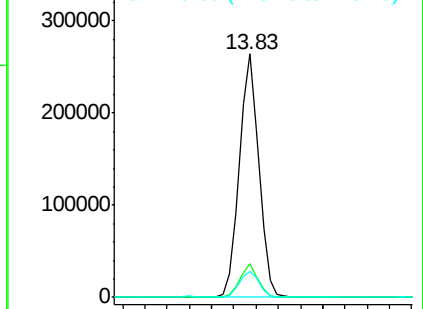
129 10.8 8.7 13.1



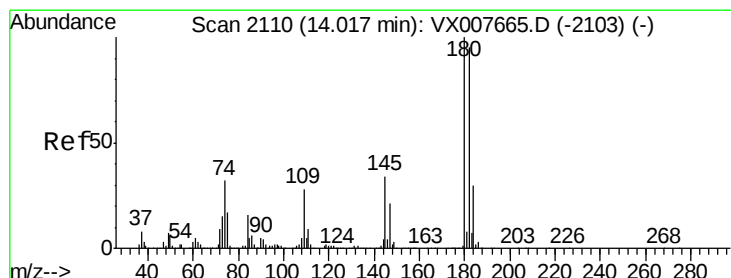
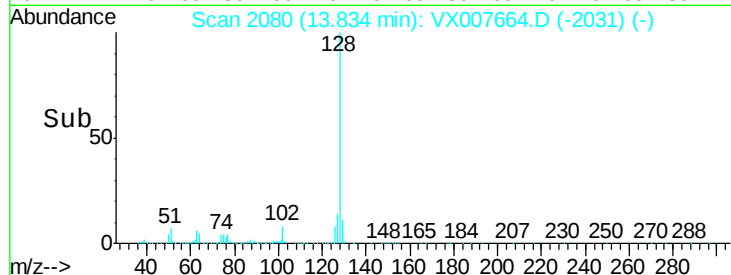
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.615 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007664.D

Acq: 25 Feb 2019 10:41

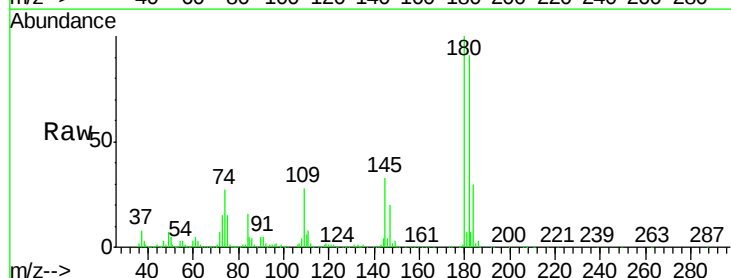
Tgt Ion:180 Resp: 95387

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.6

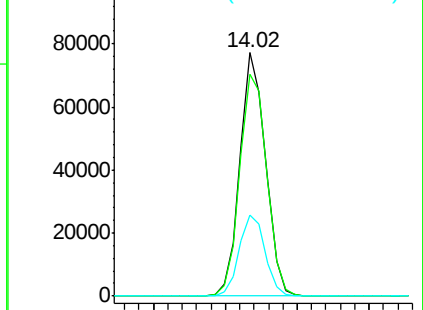
145 34.0 14.9 44.5



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



Time-->

