

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006923.D
 Acq On : 04 Jan 2019 19:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 04 22:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	504530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	750129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	667069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	347587	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	276045	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	251810	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
50) Toluene-d8	8.71	98	912637	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	324060	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	172602	37.396	ug/l	96
3) Chloromethane	1.32	50	195002	39.215	ug/l	98
4) Vinyl Chloride	1.41	62	215080	41.414	ug/l	97
5) Bromomethane	1.64	94	210839	43.245	ug/l	97
6) Chloroethane	1.71	64	154632	43.001	ug/l	97
7) Trichlorofluoromethane	1.92	101	368330	45.490	ug/l	98
8) Diethyl Ether	2.19	74	153055	47.592	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	222975	46.901	ug/l	99
10) Methyl Iodide	2.51	142	316699	46.537	ug/l	99
11) Tert butyl alcohol	3.09	59	283620	233.716	ug/l	99
12) 1,1-Dichloroethene	2.37	96	200807	44.546	ug/l	97
13) Acrolein	2.30	56	181974	222.285	ug/l	99
14) Allyl chloride	2.73	41	361422	47.632	ug/l	98
15) Acrylonitrile	3.15	53	696202	258.388	ug/l	100
16) Acetone	2.45	43	570744	228.461	ug/l	99
17) Carbon Disulfide	2.57	76	404582	33.915	ug/l	99
18) Methyl Acetate	2.78	43	422440	57.507	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	779669	52.111	ug/l	100
20) Methylene Chloride	2.85	84	241510	46.751	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	217743	43.595	ug/l	98
22) Diisopropyl ether	3.87	45	730704	52.639	ug/l	94
23) Vinyl Acetate	3.82	43	2908337	256.140	ug/l	100
24) 1,1-Dichloroethane	3.70	63	396748	47.879	ug/l	99
25) 2-Butanone	4.70	43	862862	245.547	ug/l	98
26) 2,2-Dichloropropane	4.58	77	283762	44.331	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	267177	48.483	ug/l	99
28) Bromochloromethane	5.02	49	191944	55.140	ug/l	97
29) Tetrahydrofuran	5.15	42	579582	250.418	ug/l	98
30) Chloroform	5.21	83	426224	49.670	ug/l	100
31) Cyclohexane	5.57	56	317942	42.234	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	359767	49.652	ug/l	99
36) 1,1-Dichloropropene	5.80	75	292510	47.082	ug/l	99
37) Ethyl Acetate	4.85	43	334803	51.776	ug/l	100
38) Carbon Tetrachloride	5.78	117	301454	49.927	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010419\
 Data File : VX006923.D
 Acq On : 04 Jan 2019 19:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jan 04 22:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346083	42.312	ug/l	97
40) Benzene	6.14	78	919284	48.678	ug/l	99
41) Methacrylonitrile	5.06	41	188128	54.798	ug/l	98
42) 1,2-Dichloroethane	6.20	62	318579	49.506	ug/l	100
43) Isopropyl Acetate	6.46	43	549264	55.826	ug/l	98
44) Trichloroethene	7.21	130	265929	46.525	ug/l	99
45) 1,2-Dichloropropane	7.52	63	240415	52.314	ug/l	96
46) Dibromomethane	7.66	93	168215	49.763	ug/l	97
47) Bromodichloromethane	7.90	83	302309	53.867	ug/l	96
48) Methyl methacrylate	7.77	41	275681	55.099	ug/l	98
49) 1,4-Dioxane	7.76	88	122306	932.939	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1690985	270.117	ug/l	99
52) Toluene	8.78	92	589282	48.300	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	329555	54.753	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	364726	55.226	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	261477	52.360	ug/l	98
56) Ethyl methacrylate	9.18	69	377959	53.549	ug/l	97
57) 1,3-Dichloropropane	9.37	76	412789	51.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	993262	264.737	ug/l	99
59) 2-Hexanone	9.49	43	1273712	265.922	ug/l	99
60) Dibromochloromethane	9.59	129	262778	50.297	ug/l	98
61) 1,2-Dibromoethane	9.67	107	273768	51.571	ug/l	100
64) Tetrachloroethene	9.34	164	254283	48.140	ug/l	96
65) Chlorobenzene	10.14	112	694277	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	254553	57.813	ug/l	99
67) Ethyl Benzene	10.25	91	1127507	48.893	ug/l	100
68) m/p-Xylenes	10.36	106	883976	97.144	ug/l	99
69) o-Xylene	10.70	106	437872	48.730	ug/l	98
70) Styrene	10.71	104	711963	50.082	ug/l	100
71) Bromoform	10.86	173	188910	47.782	ug/l	99
73) Isopropylbenzene	11.02	105	1162059	48.869	ug/l	99
74) N-amyl acetate	10.90	43	485810	57.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	380860	53.855	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	423406	65.547	ug/l	91
77) Bromobenzene	11.26	156	315576	49.088	ug/l	99
78) n-propylbenzene	11.36	91	1271897	48.572	ug/l	100
79) 2-Chlorotoluene	11.42	91	747280	47.091	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	955906	48.806	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	98717	46.803	ug/l	99
82) 4-Chlorotoluene	11.51	91	874114	48.022	ug/l	100
83) tert-Butylbenzene	11.77	119	982487	50.120	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	975250	47.339	ug/l	100
85) sec-Butylbenzene	11.94	105	1153676	48.002	ug/l	100
86) p-Isopropyltoluene	12.07	119	1030857	48.794	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	556800	48.057	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	565731	47.630	ug/l	100
89) n-Butylbenzene	12.39	91	876804	48.766	ug/l	98
90) Hexachloroethane	12.60	117	156173	47.415	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	566351	48.864	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76909	52.559	ug/l	99

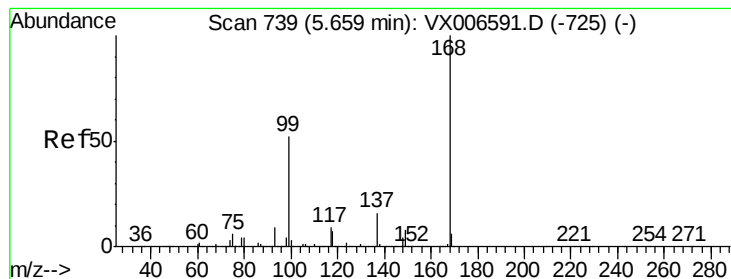
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
Data File : VX006923.D
Acq On : 04 Jan 2019 19:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 04 22:21:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	395777	49.504	ug/l	99
94) Hexachlorobutadiene	13.78	225	169665	45.024	ug/l	99
95) Naphthalene	13.83	128	1238934	48.553	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	390594	47.318	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

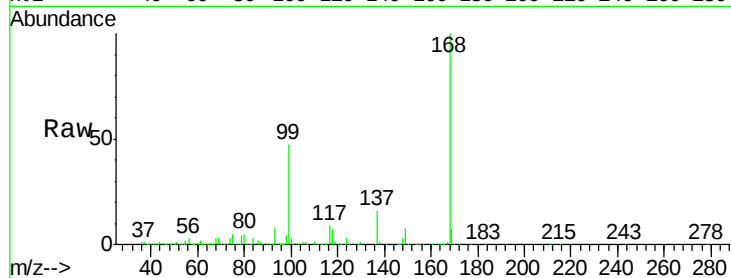
VSTDCCC050EC

Tot Ion:168 Resp: 504530

Ion Ratio Lower Upper

168 100

99 46.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

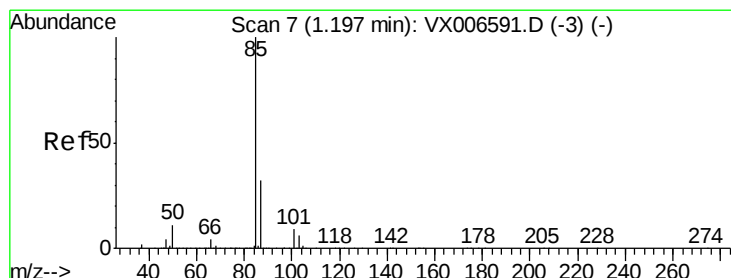
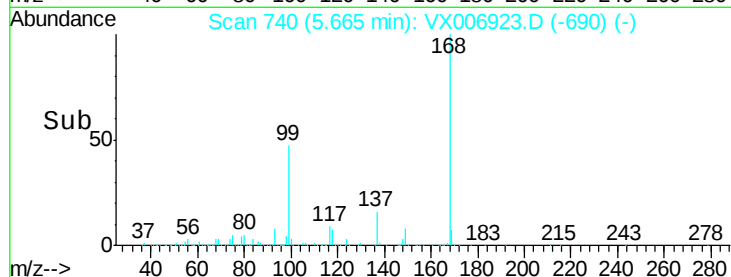
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 37.396 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006923.D

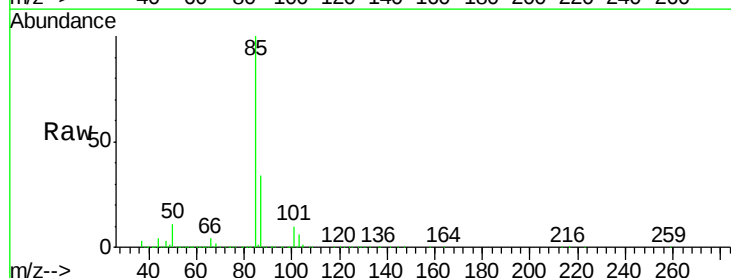
Acq: 04 Jan 2019 19:38

Tgt Ion: 85 Resp: 172602

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

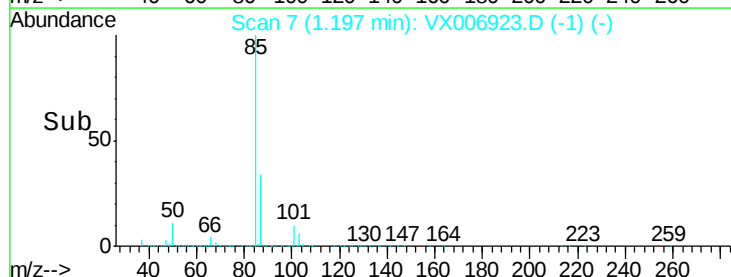
100000

50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 39.215 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

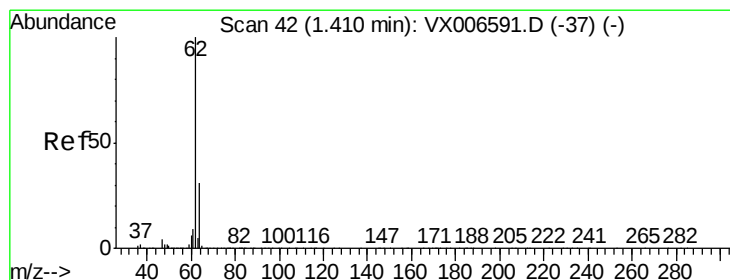
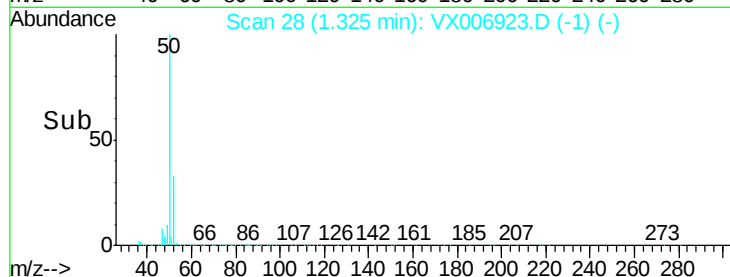
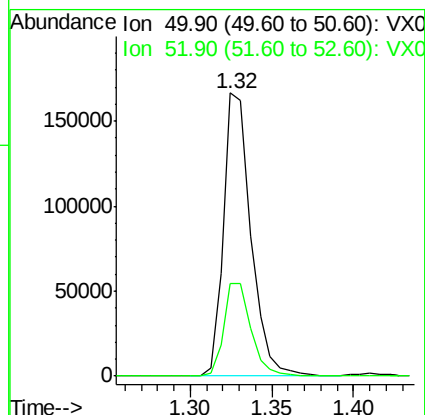
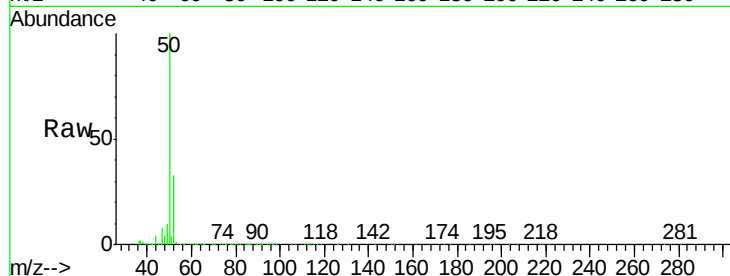
VSTDCCC050EC

Tot Ion: 50 Resp: 195002

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 41.414 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006923.D

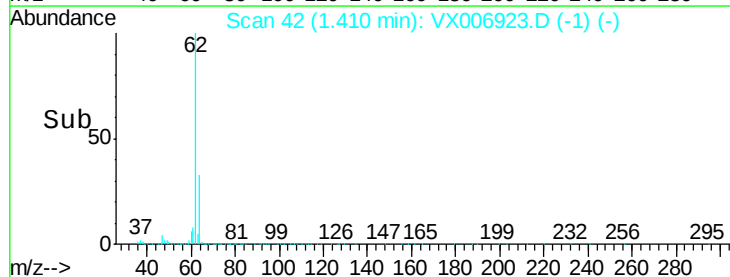
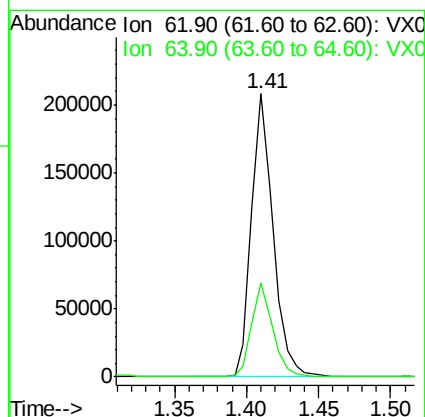
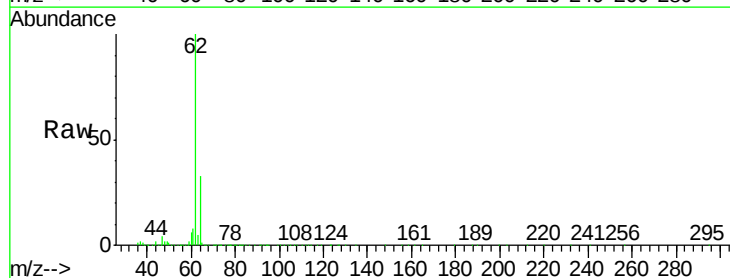
Acq: 04 Jan 2019 19:38

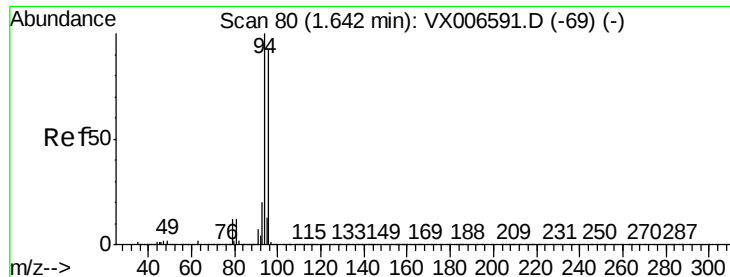
Tgt Ion: 62 Resp: 215080

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 43.245 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

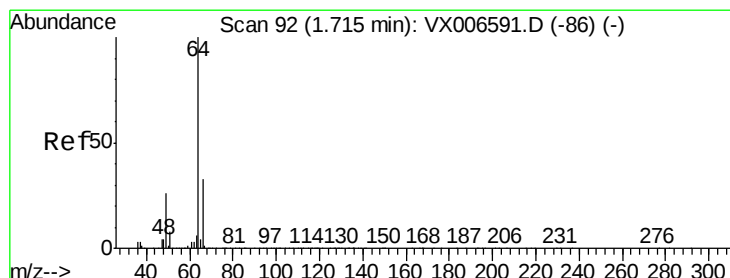
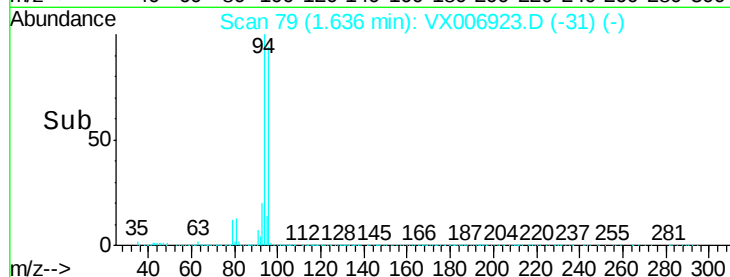
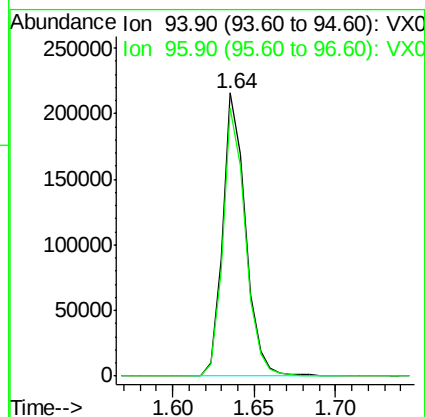
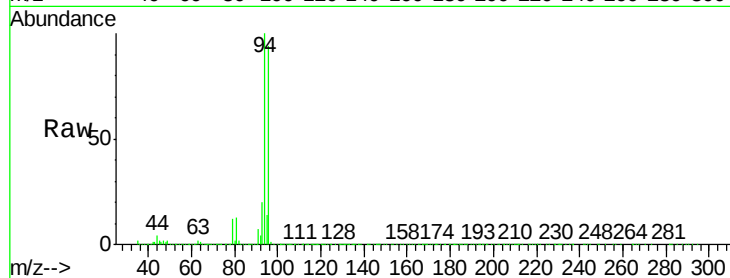
VSTDCCC050EC

Tot Ion: 94 Resp: 210839

Ion Ratio Lower Upper

94 100

96 94.5 73.4 110.2



#6

Chloroethane

Concen: 43.001 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006923.D

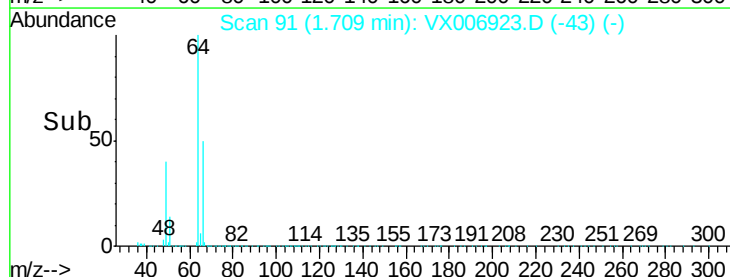
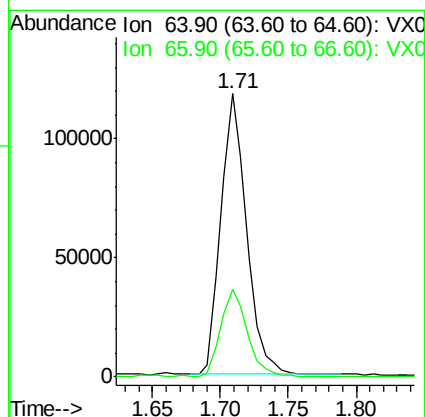
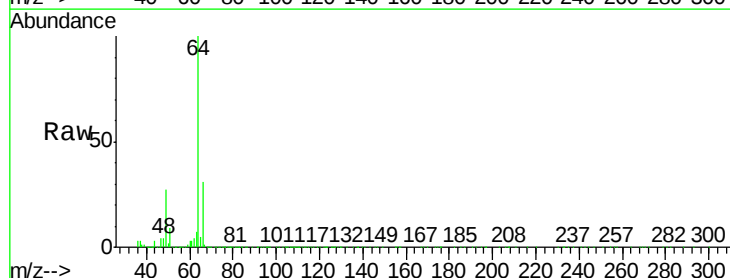
Acq: 04 Jan 2019 19:38

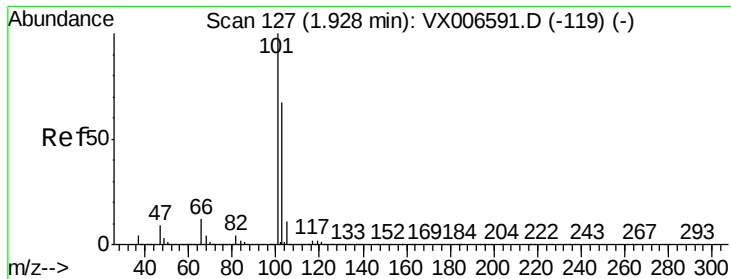
Tgt Ion: 64 Resp: 154632

Ion Ratio Lower Upper

64 100

66 31.2 26.4 39.6



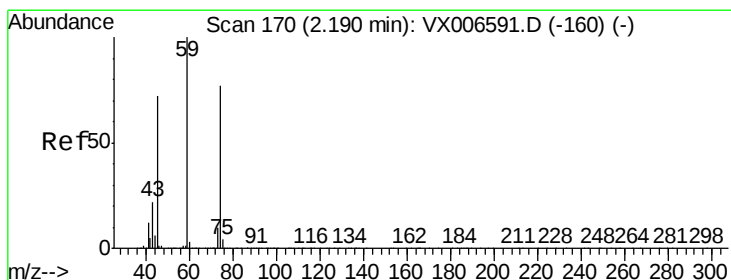
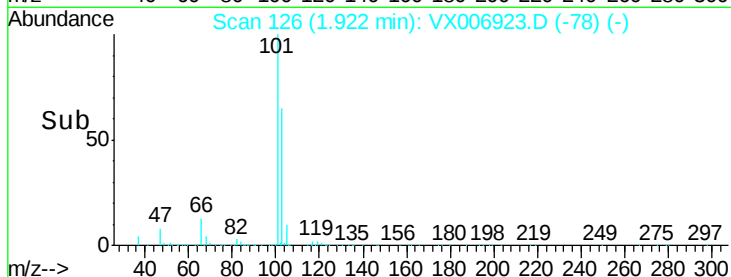
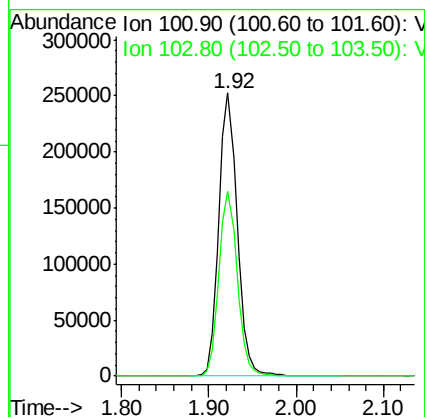
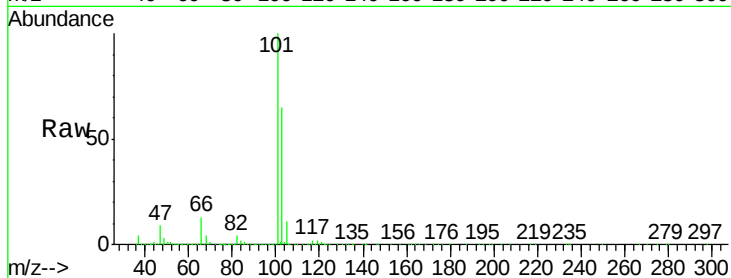


#7

Trichlorofluoromethane
Concen: 45.490 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

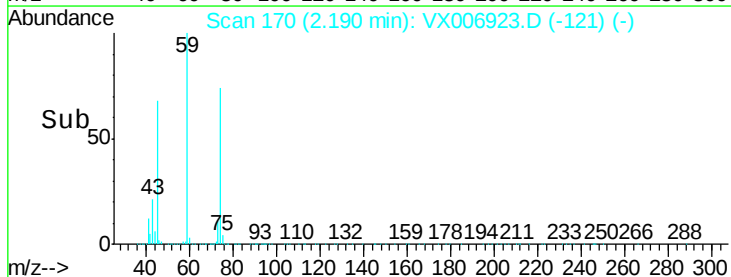
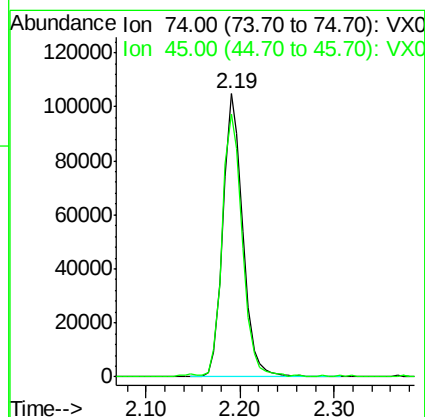
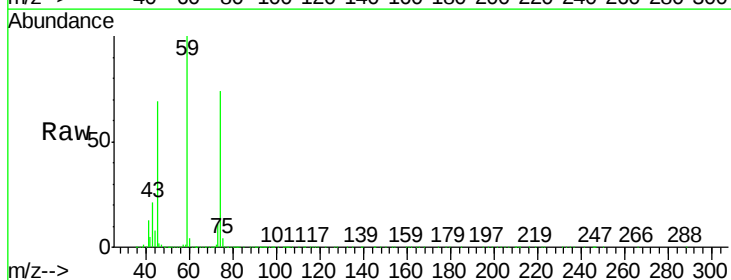
Tot Ion:101 Resp: 368330
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8

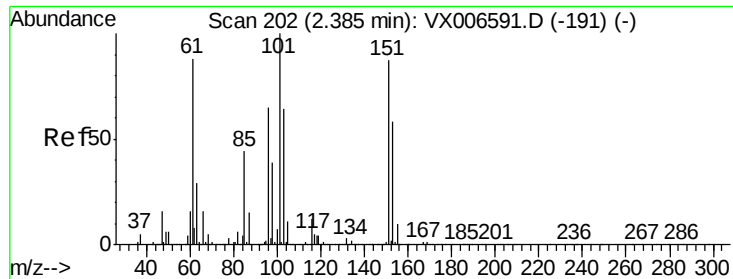


#8

Diethyl Ether
Concen: 47.592 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 74 Resp: 153055
Ion Ratio Lower Upper
74 100
45 93.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.901 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

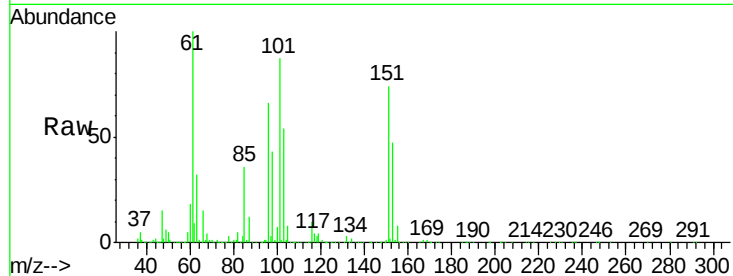
Tot Ion:101 Resp: 222975

Ion Ratio Lower Upper

101 100

85 42.1 35.1 52.7

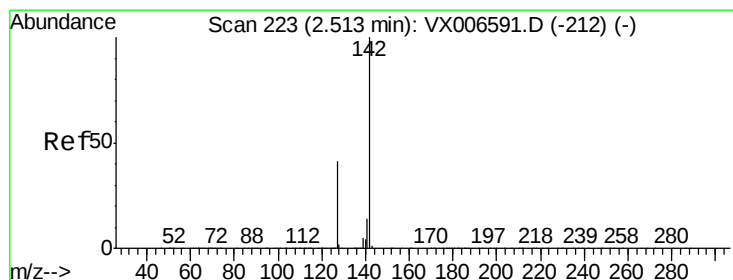
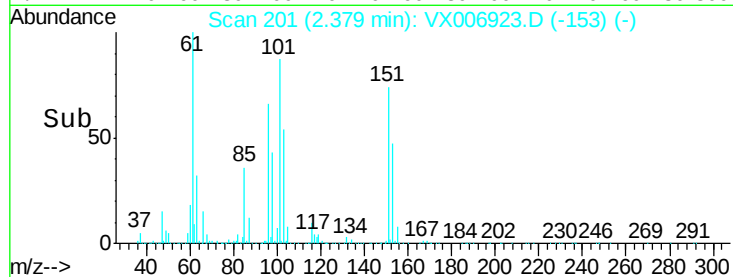
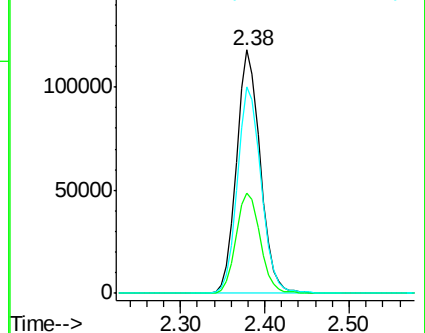
151 85.4 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.537 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

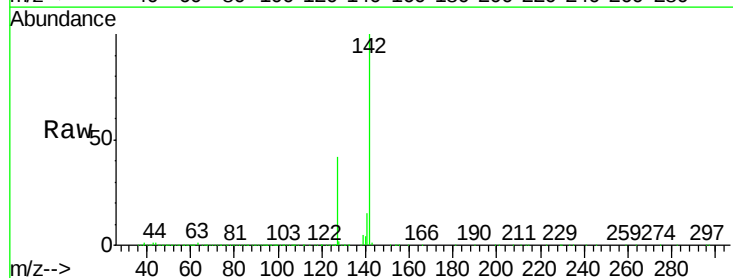
Tgt Ion:142 Resp: 316699

Ion Ratio Lower Upper

142 100

127 43.1 33.9 50.9

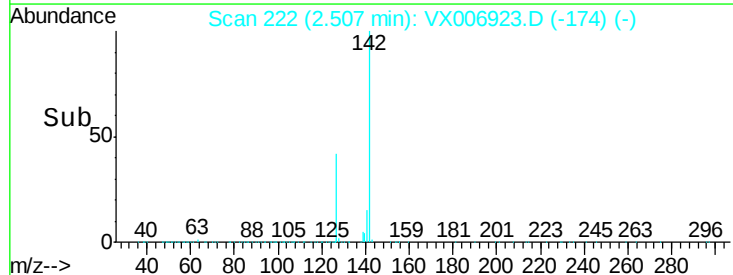
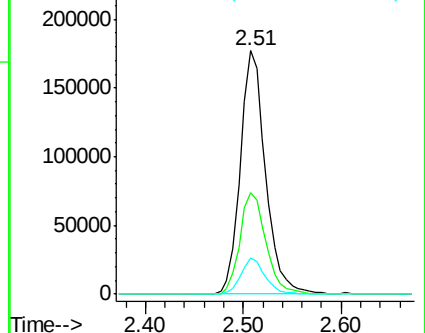
141 14.3 11.4 17.0

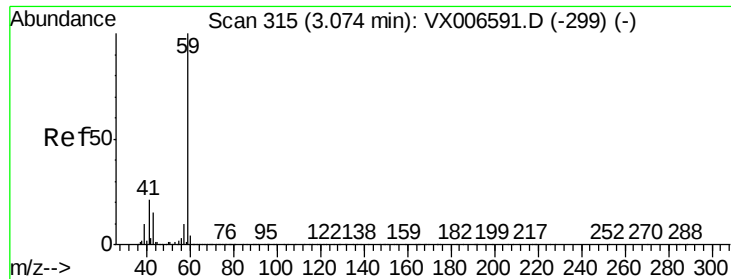


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



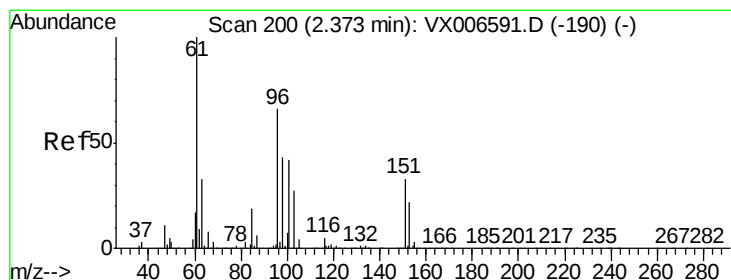
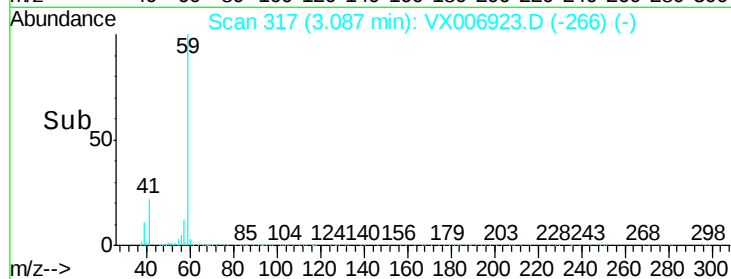
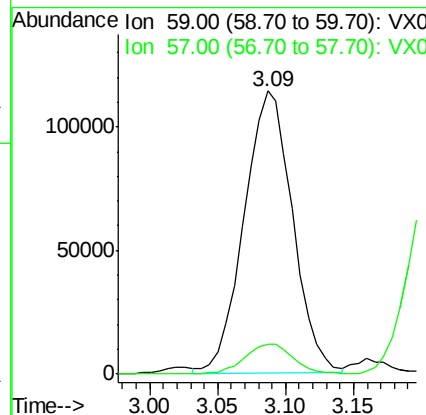
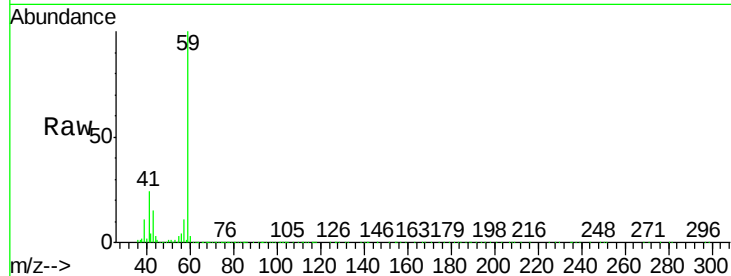


#11

Tert butyl alcohol
Concen: 233.716 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

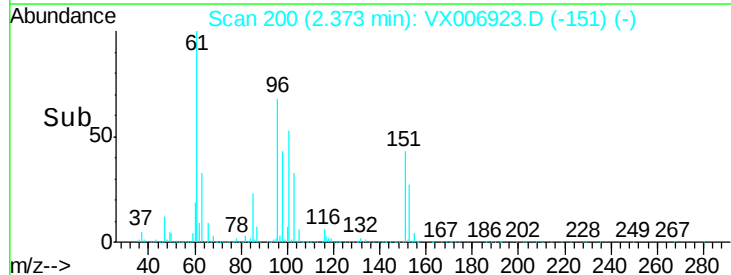
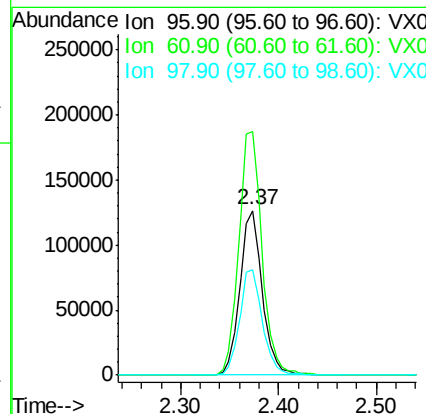
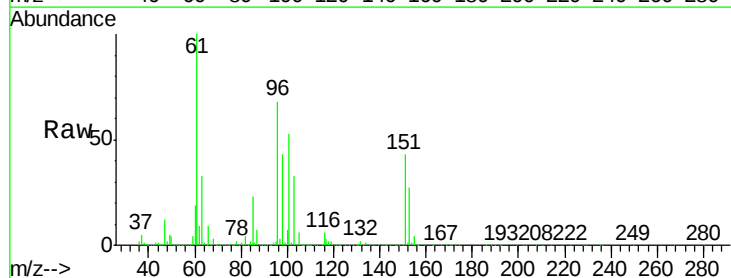
Tot Ion: 59 Resp: 283620
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

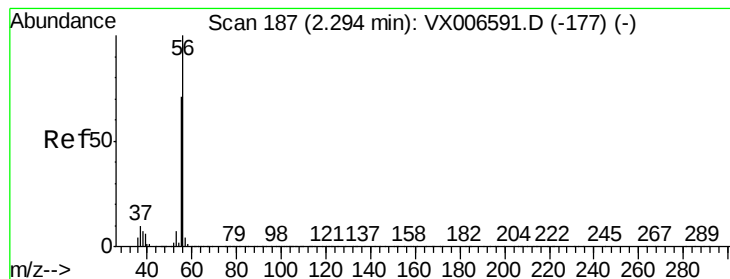


#12

1,1-Dichloroethene
Concen: 44.546 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 96 Resp: 200807
Ion Ratio Lower Upper
96 100
61 147.8 121.4 182.2
98 63.9 51.9 77.9





#13

Acrolein

Concen: 222.285 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

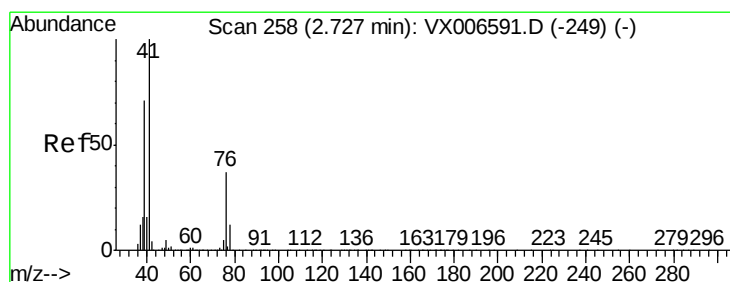
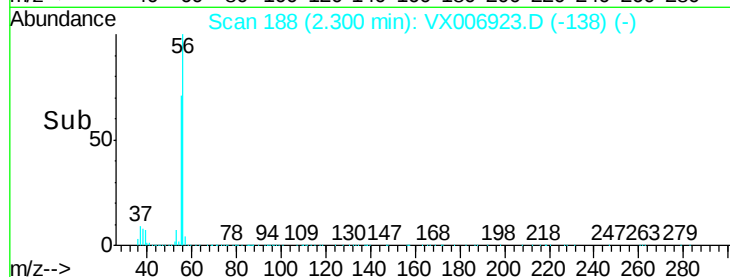
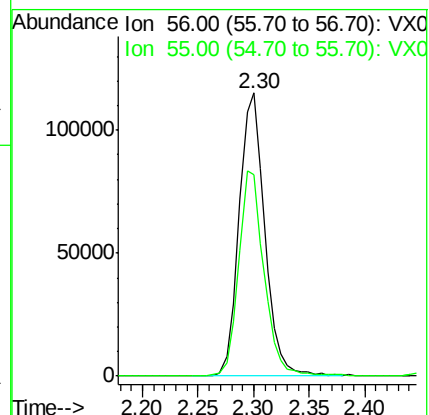
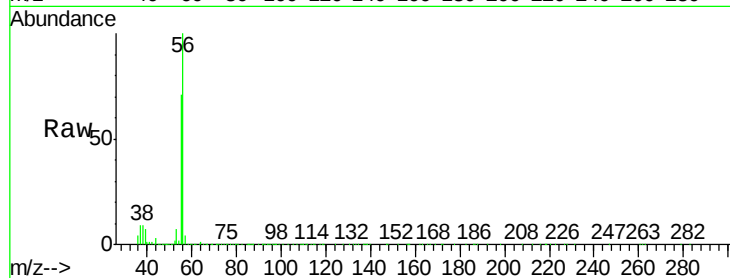
VSTDCCC050EC

Tot Ion: 56 Resp: 181974

Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.4



#14

Allyl chloride

Concen: 47.632 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

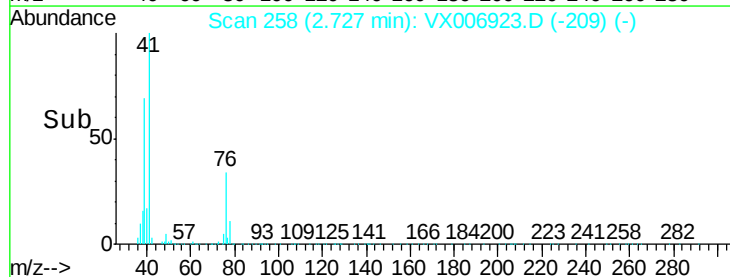
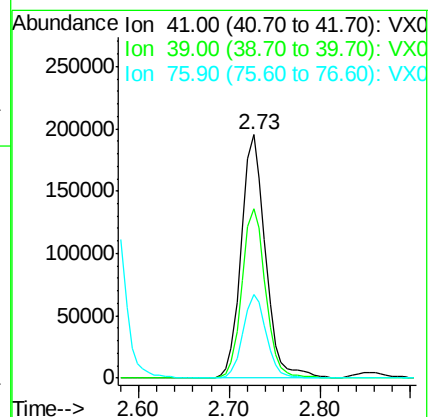
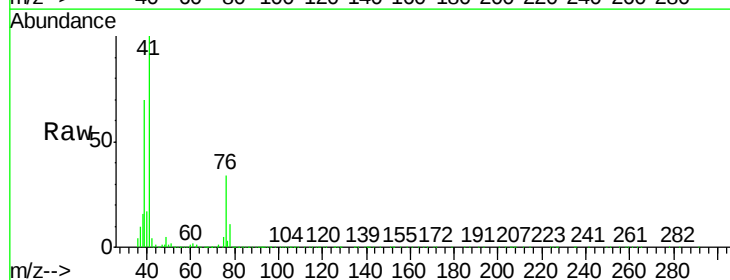
Tgt Ion: 41 Resp: 361422

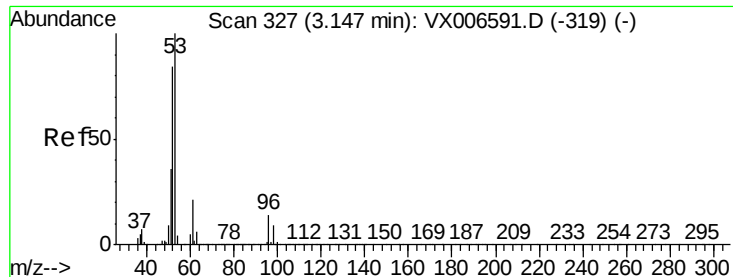
Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

76 32.8 27.4 41.2





#15

Acrylonitrile

Concen: 258.388 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

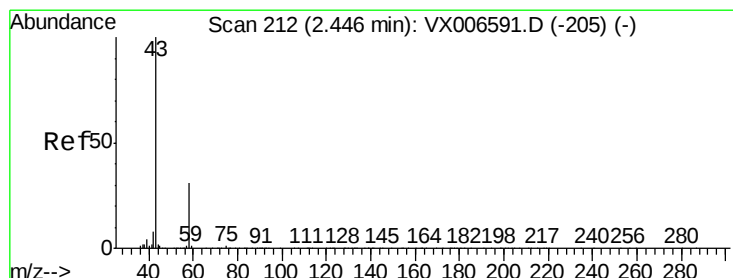
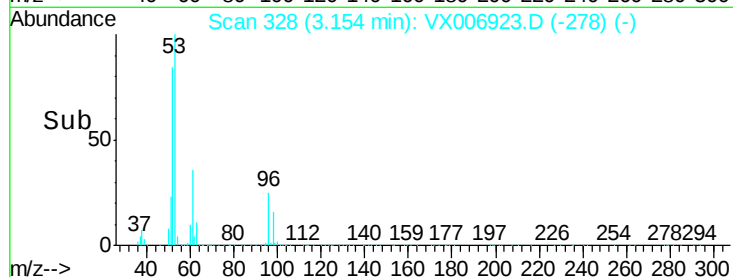
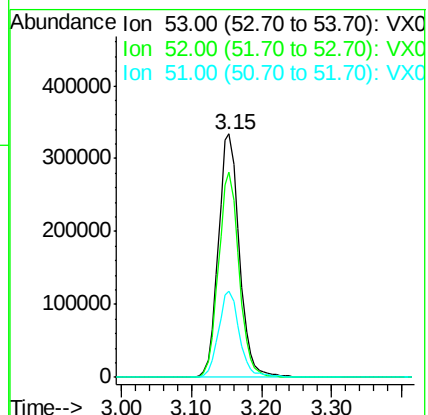
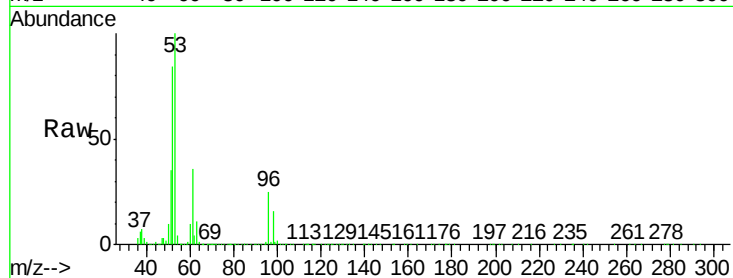
Tot Ion: 53 Resp: 696202

Ion Ratio Lower Upper

53 100

52 82.4 66.0 99.0

51 35.0 28.6 42.8



#16

Acetone

Concen: 228.461 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006923.D

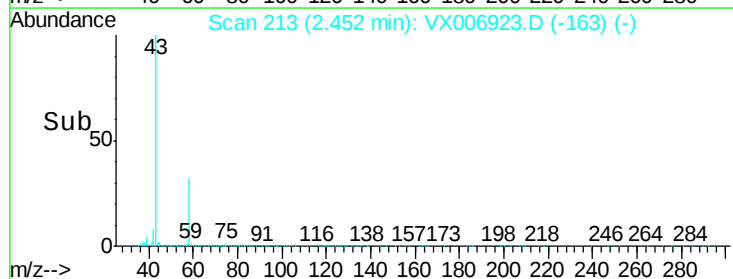
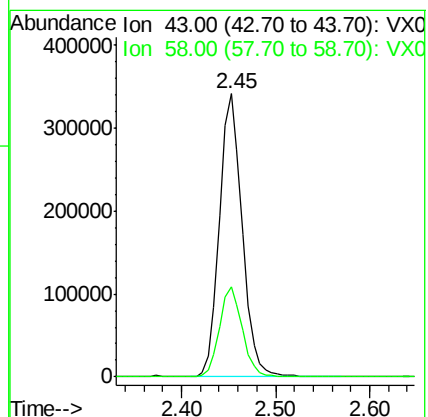
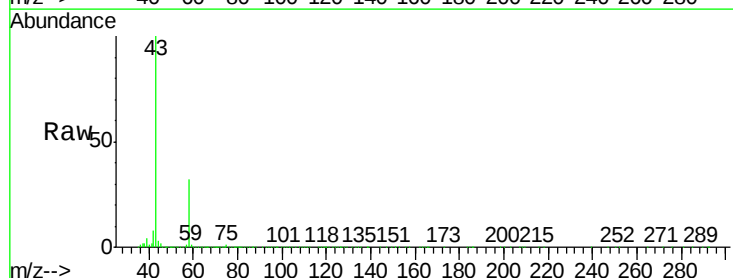
Acq: 04 Jan 2019 19:38

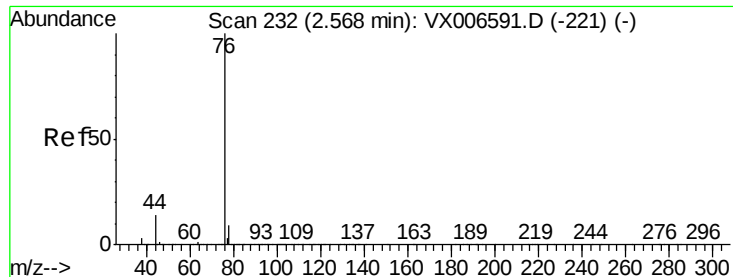
Tgt Ion: 43 Resp: 570744

Ion Ratio Lower Upper

43 100

58 32.0 25.0 37.6





#17

Carbon Disulfide

Concen: 33.915 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

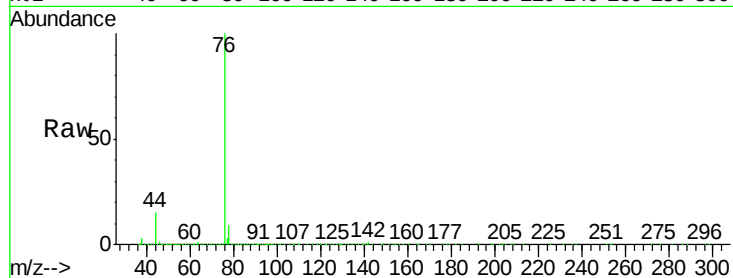
VSTDCCC050EC

Tot Ion: 76 Resp: 404582

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

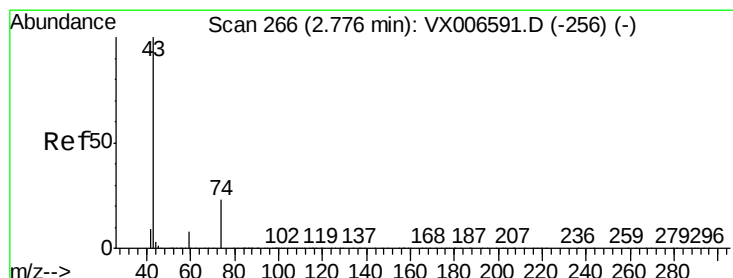
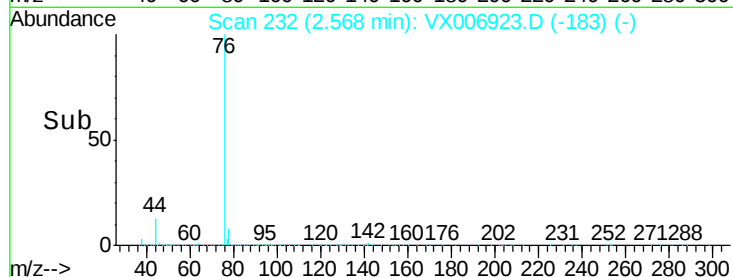
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 57.507 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006923.D

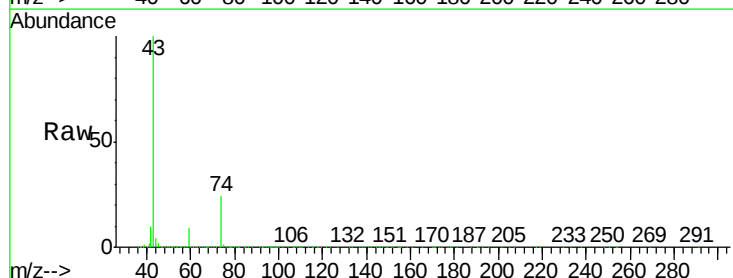
Acq: 04 Jan 2019 19:38

Tgt Ion: 43 Resp: 422440

Ion Ratio Lower Upper

43 100

74 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

250000

200000

150000

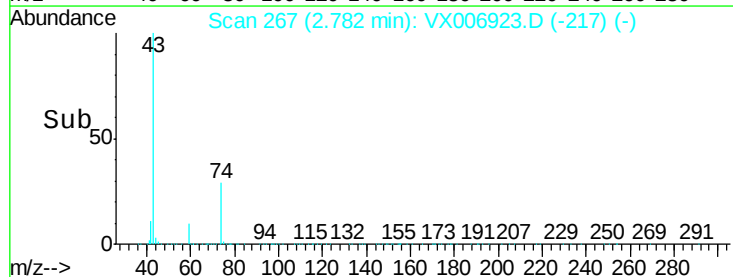
100000

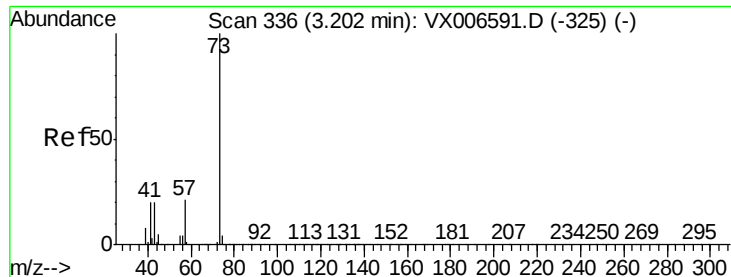
50000

0

2.70 2.80 2.90

Time-->



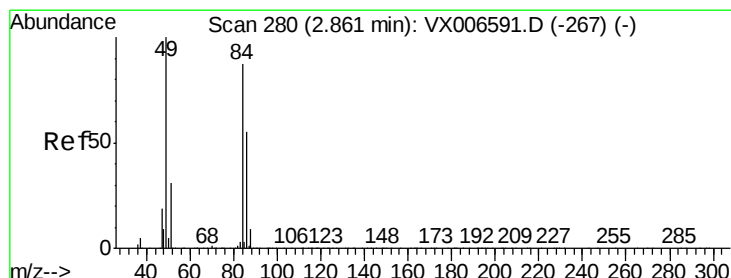
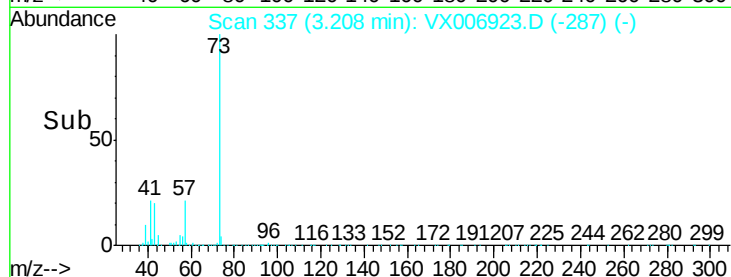
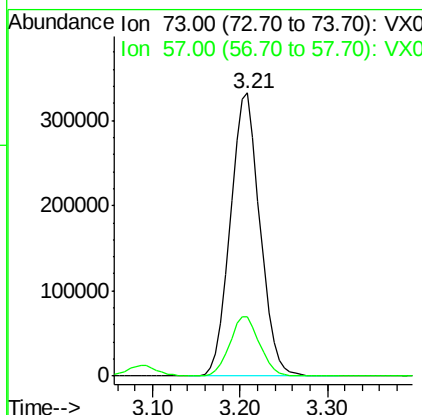
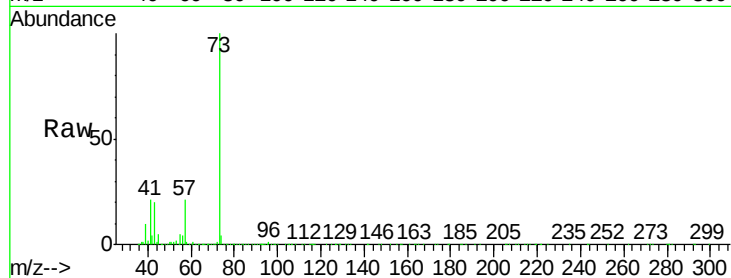


#19

Methyl tert-butyl Ether
 Concen: 52.111 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

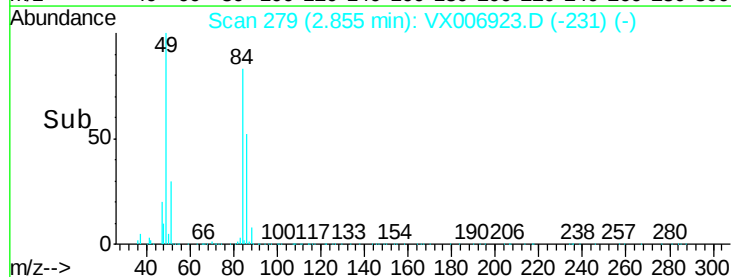
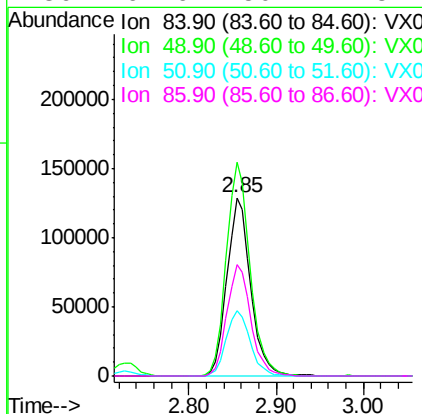
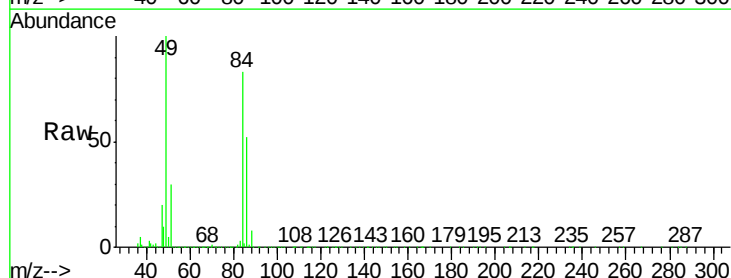
Tot Ion: 73 Resp: 779669
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.8 25.2



#20

Methylene Chloride
 Concen: 46.751 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion: 84 Resp: 241510
 Ion Ratio Lower Upper
 84 100
 49 119.8 91.8 137.6
 51 36.5 28.5 42.7
 86 62.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 43.595 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

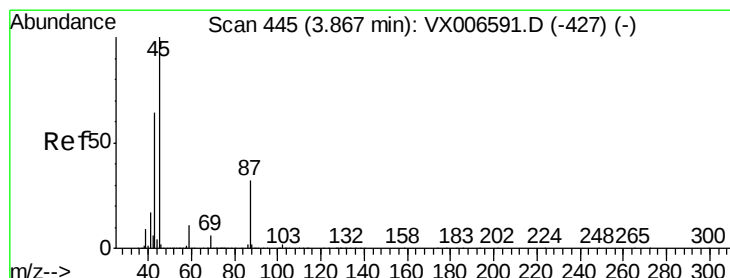
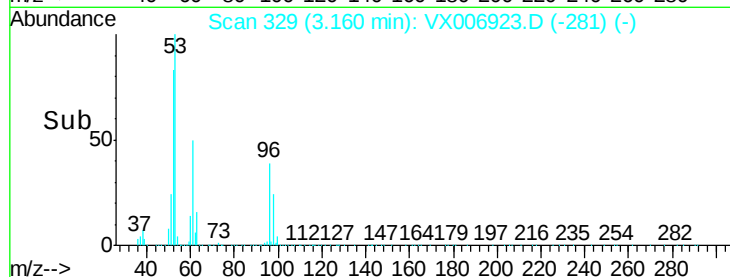
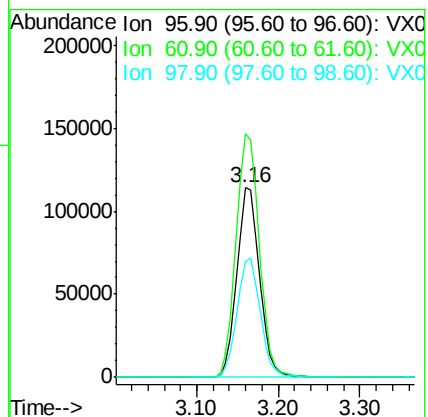
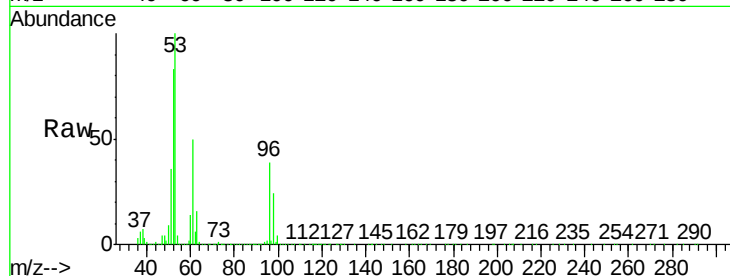
Tot Ion: 96 Resp: 217743

Ion Ratio Lower Upper

96 100

61 128.2 103.7 155.5

98 61.3 51.0 76.6



#22

Diisopropyl ether

Concen: 52.639 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion: 45 Resp: 730704

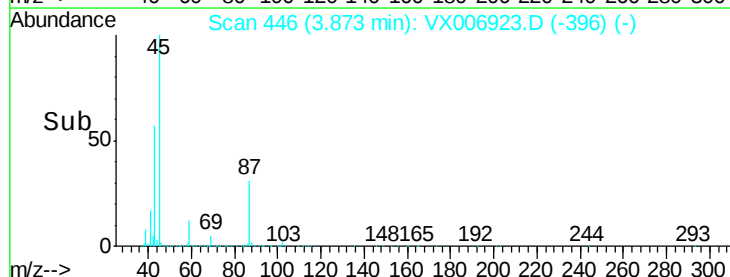
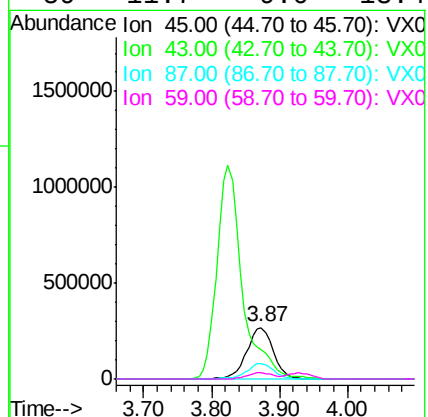
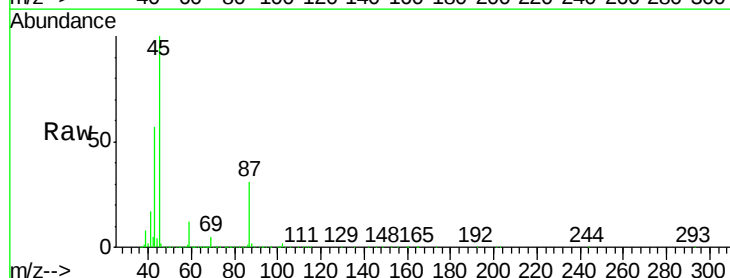
Ion Ratio Lower Upper

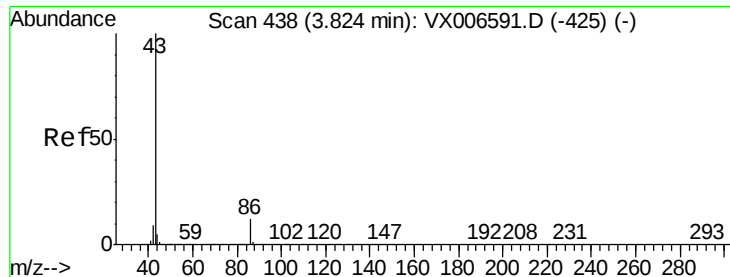
45 100

43 56.8 51.2 76.8

87 30.8 25.8 38.6

59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 256.140 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

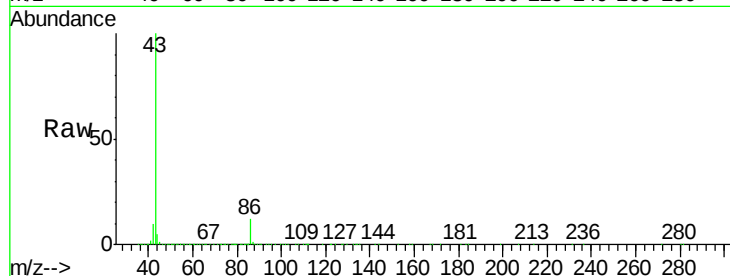
VSTDCCC050EC

Tot Ion: 43 Resp: 2908337

Ion Ratio Lower Upper

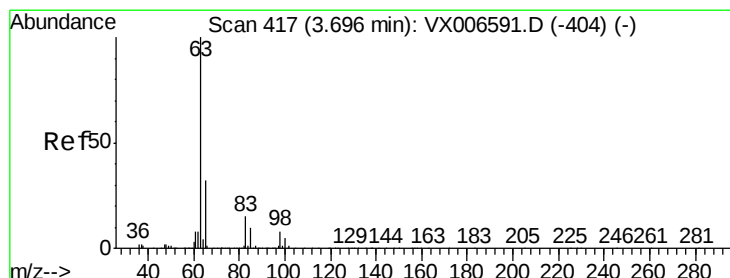
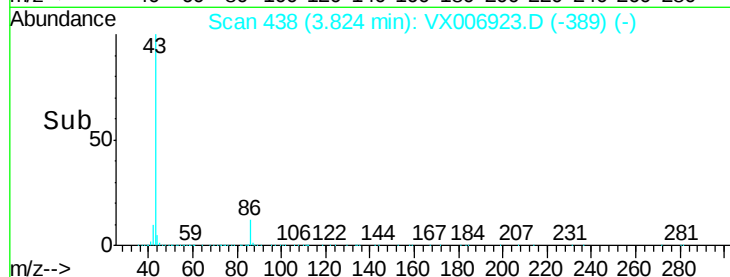
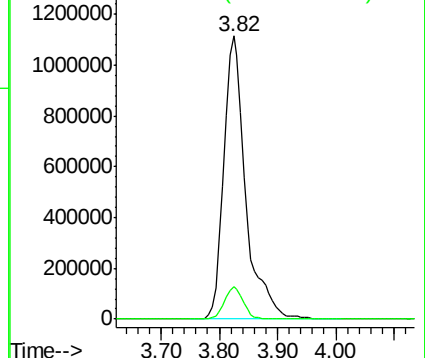
43 100

86 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.879 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

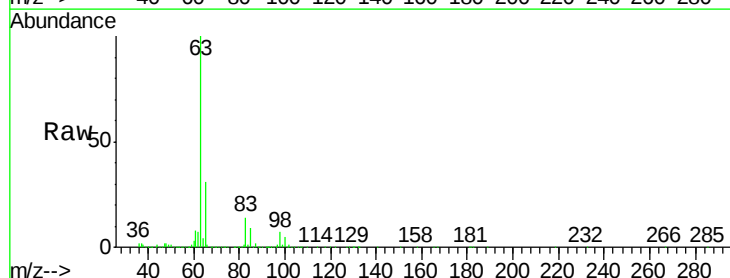
Tgt Ion: 63 Resp: 396748

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

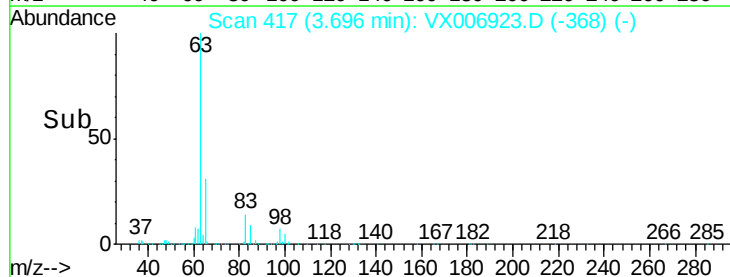
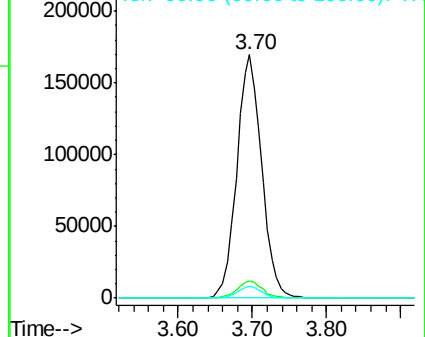
100 4.6 2.4 7.2

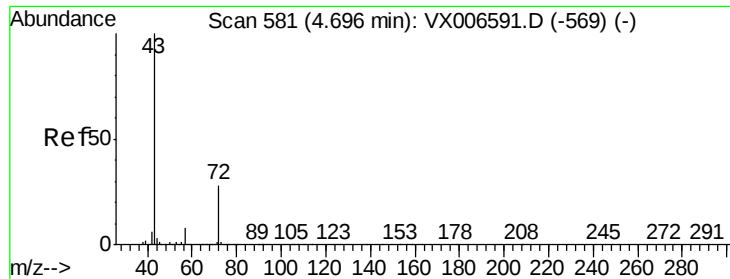


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.547 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

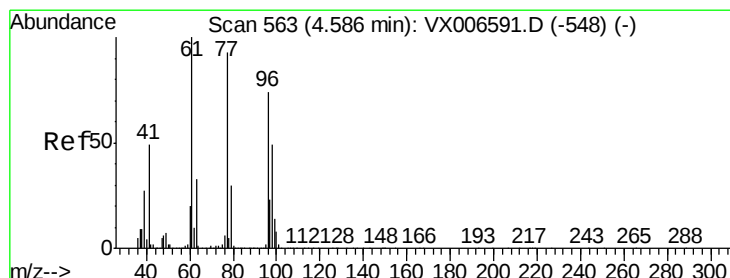
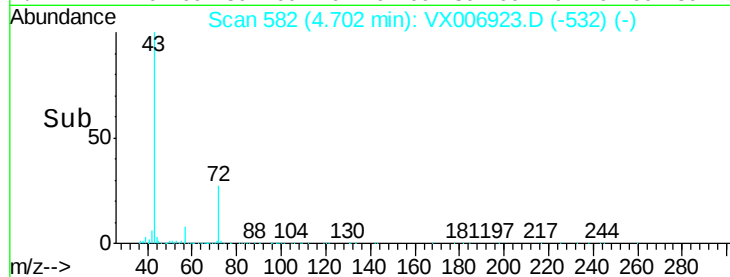
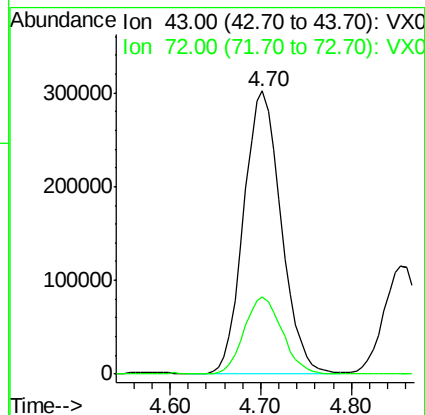
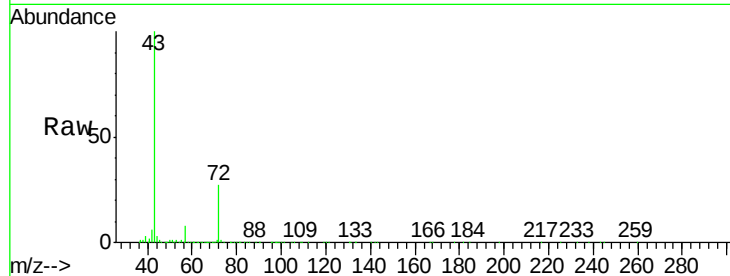
VSTDCCC050EC

Tot Ion: 43 Resp: 862862

Ion Ratio Lower Upper

43 100

72 27.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 44.331 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006923.D

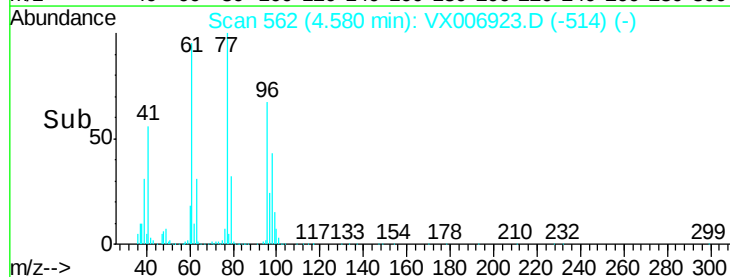
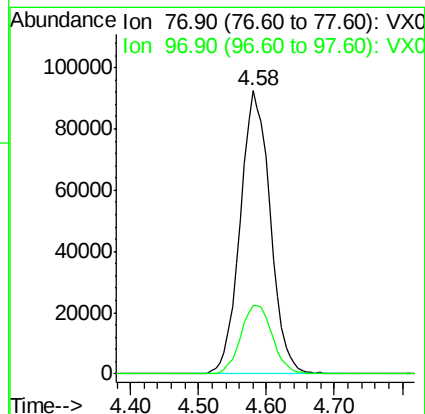
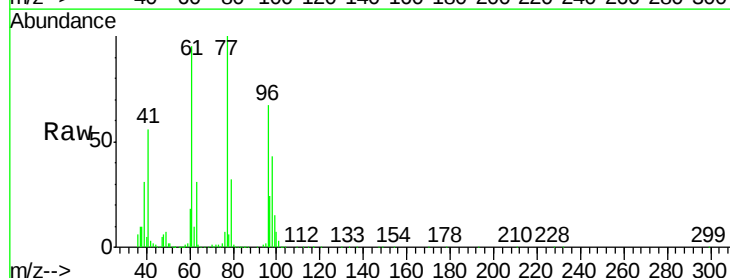
Acq: 04 Jan 2019 19:38

Tgt Ion: 77 Resp: 283762

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4



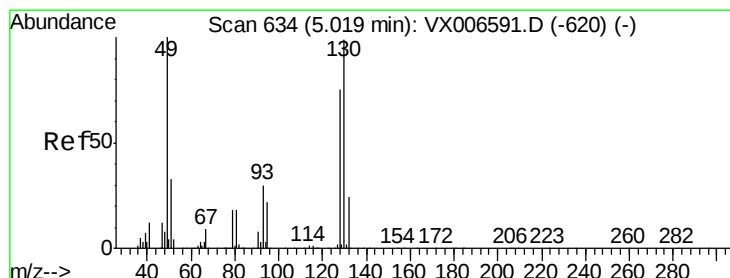
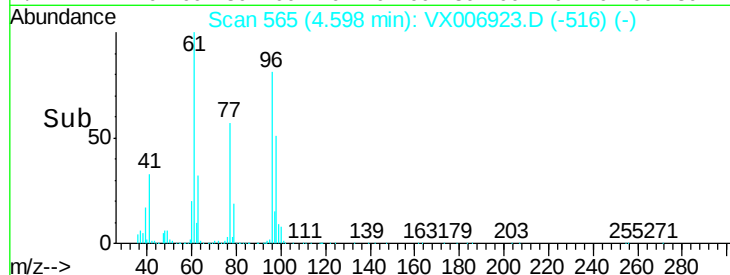
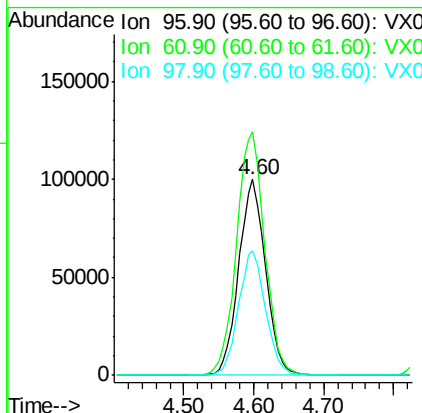
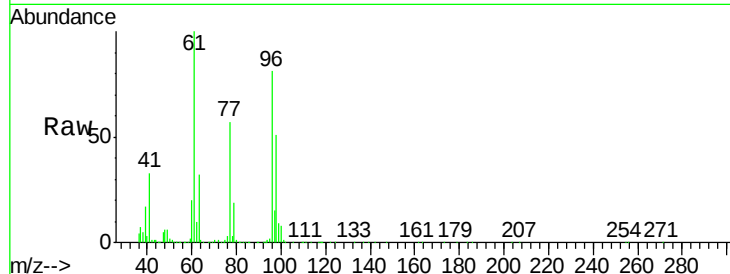


#27

cis-1,2-Dichloroethene
Concen: 48.483 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

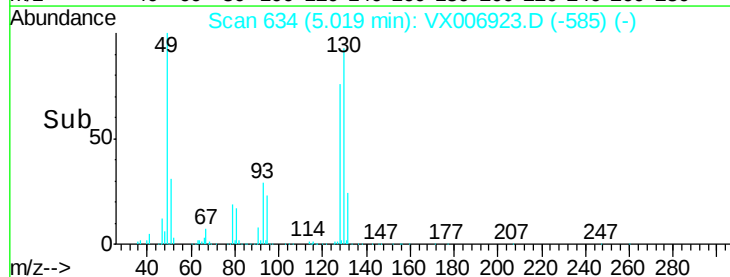
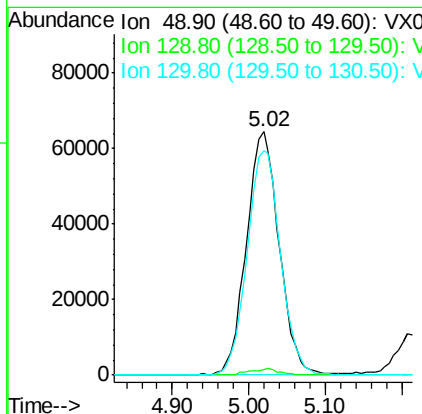
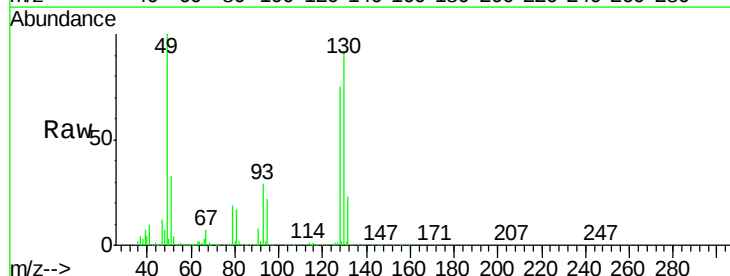
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	258.6
98	63.8	0.0	132.0

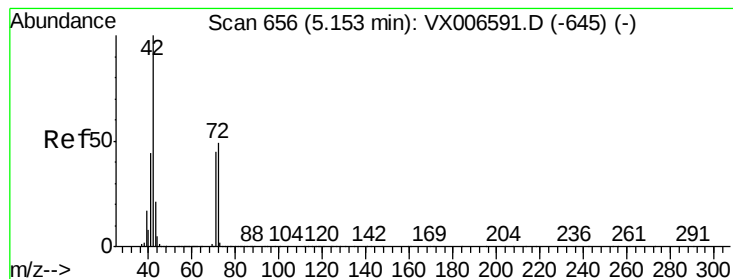


#28

Bromochloromethane
Concen: 55.140 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	94.4	77.7	116.5





#29

Tetrahydrofuran

Concen: 250.418 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

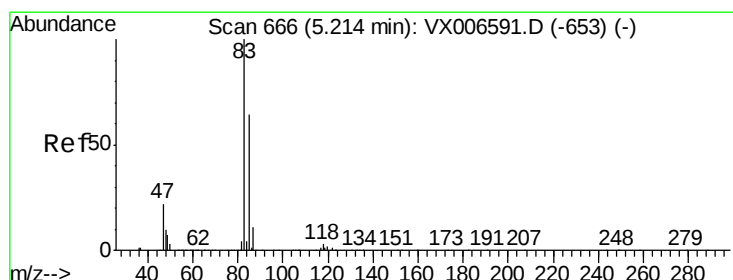
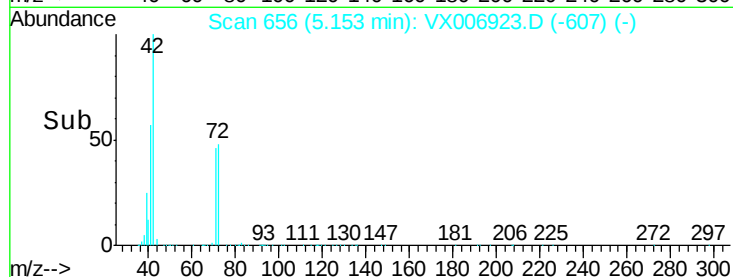
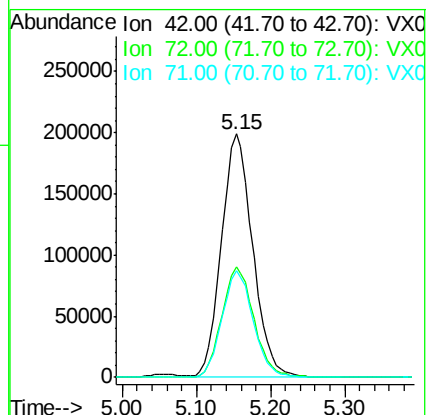
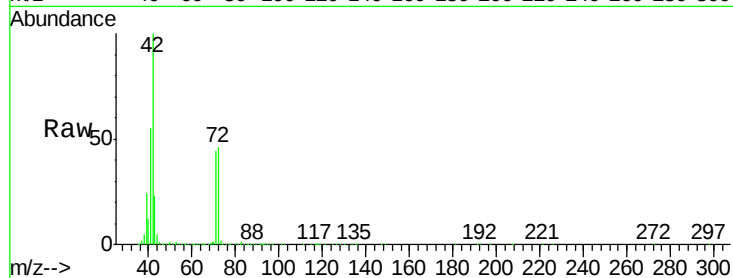
Tot Ion: 42 Resp: 579582

Ion Ratio Lower Upper

42 100

72 46.7 38.9 58.3

71 43.9 36.2 54.4



#30

Chloroform

Concen: 49.670 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006923.D

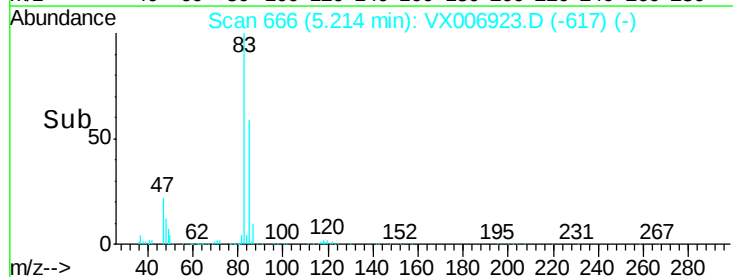
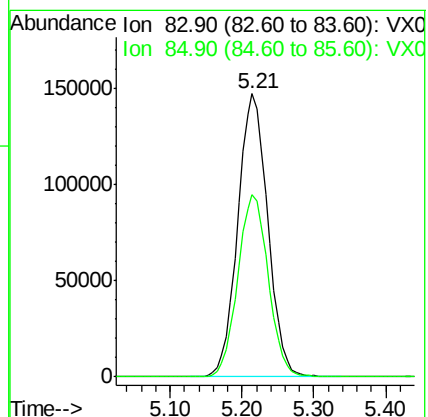
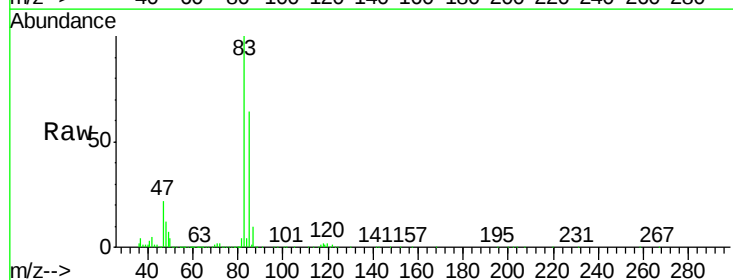
Acq: 04 Jan 2019 19:38

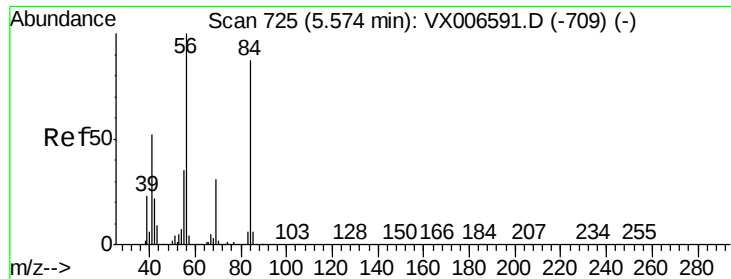
Tgt Ion: 83 Resp: 426224

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

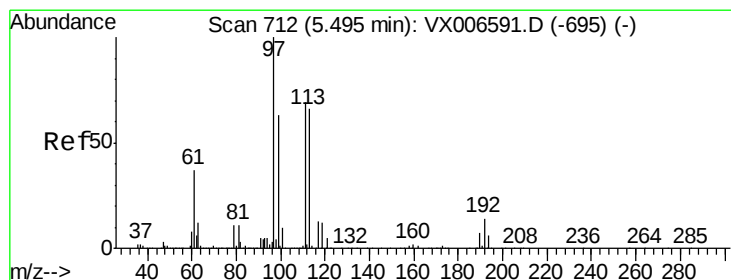
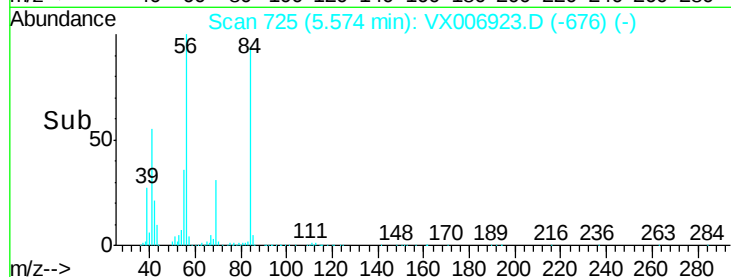
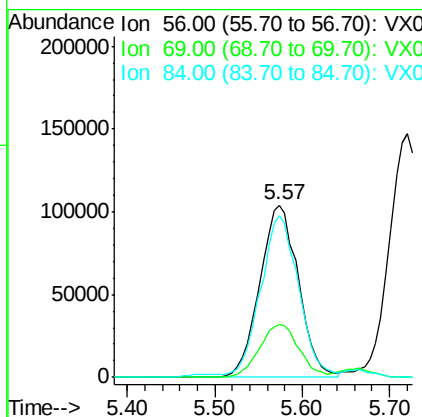
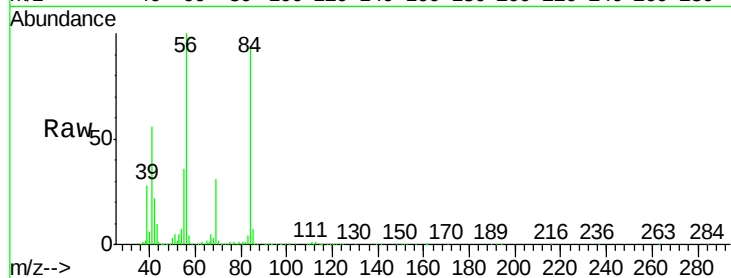




#31
Cyclohexane
Concen: 42.234 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

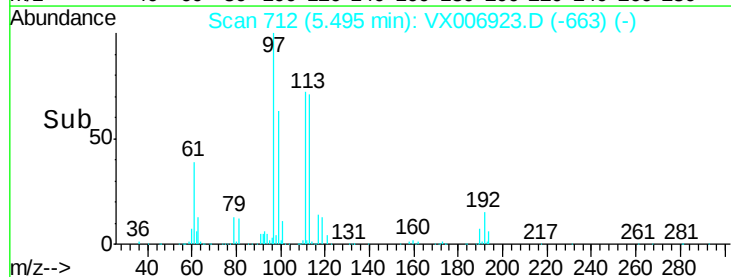
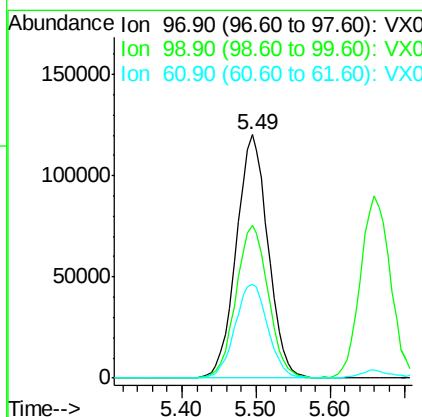
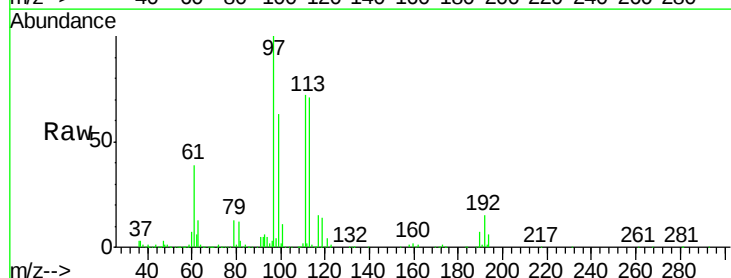
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

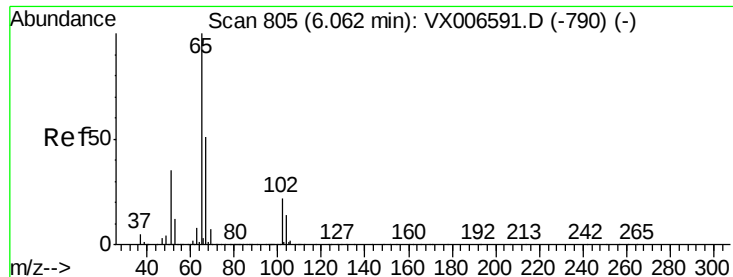
Tot Ion: 56 Resp: 317942
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 93.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.652 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 97 Resp: 359767
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 40.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.766 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

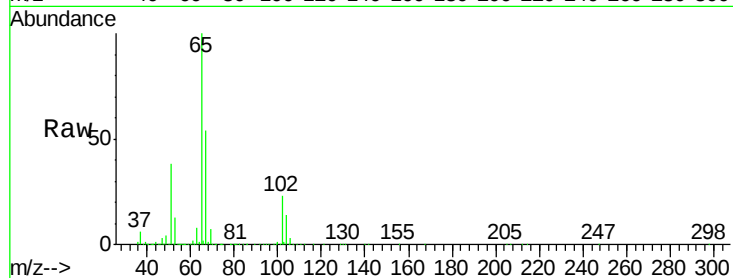
VSTDCCC050EC

Tot Ion: 65 Resp: 276045

Ion Ratio Lower Upper

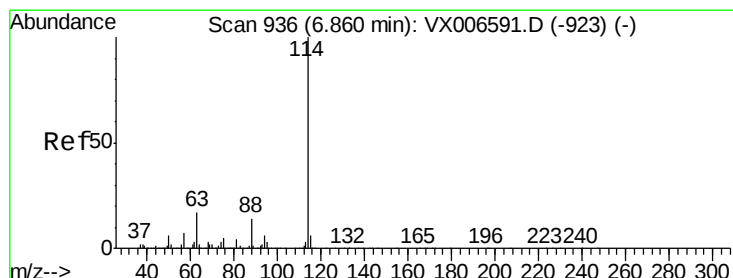
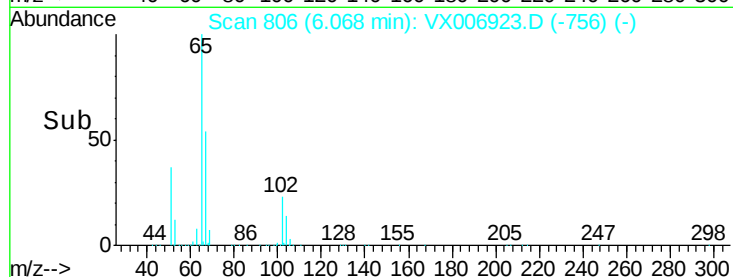
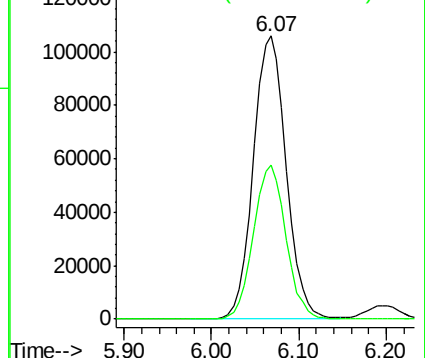
65 100

67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

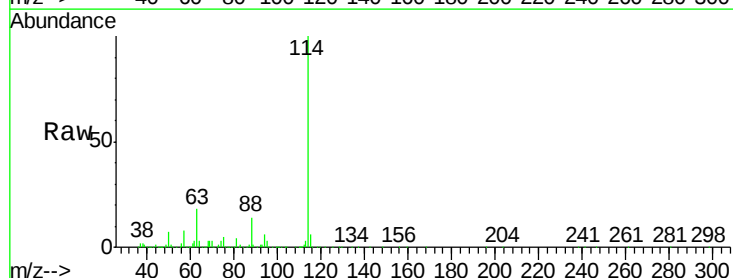
Tgt Ion: 114 Resp: 750129

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

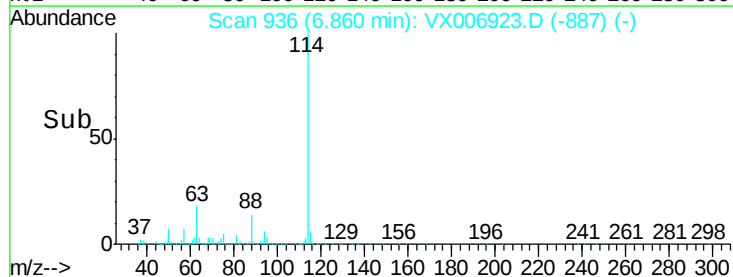
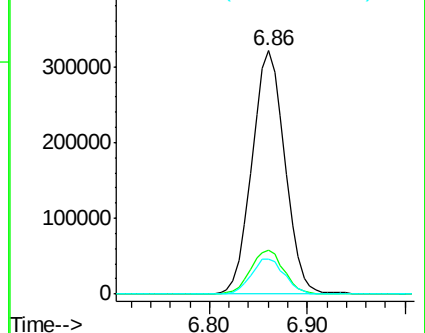
88 14.2 0.0 28.8

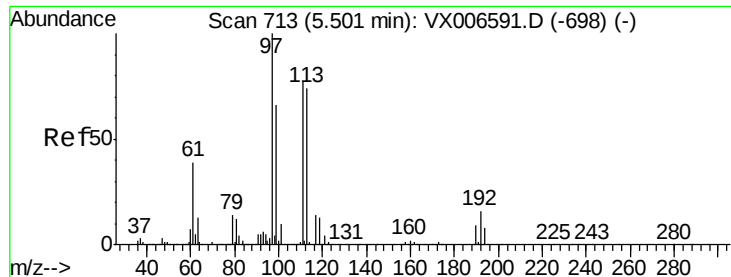


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.083 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

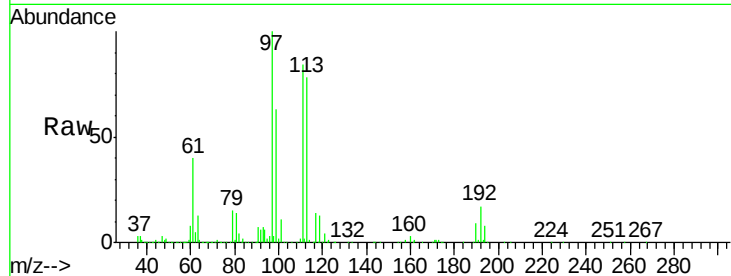
Tot Ion:113 Resp: 251810

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

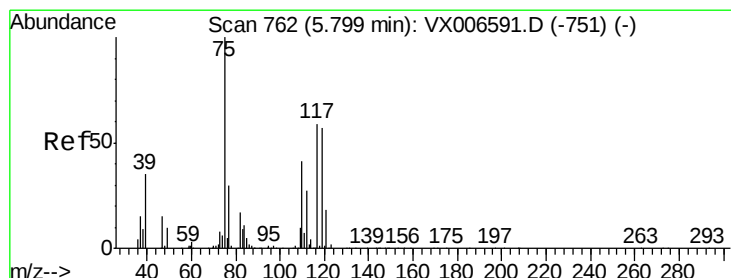
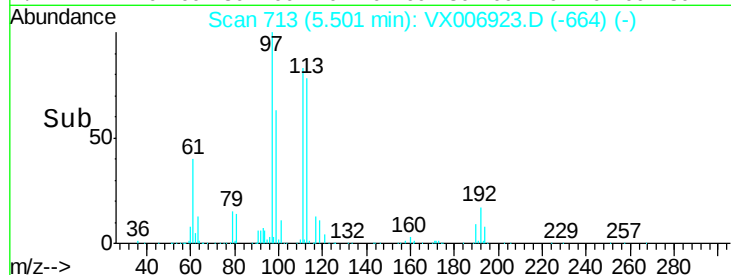
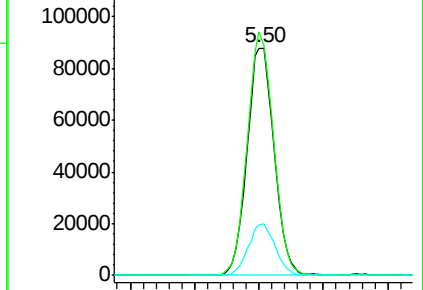
192 22.6 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.082 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

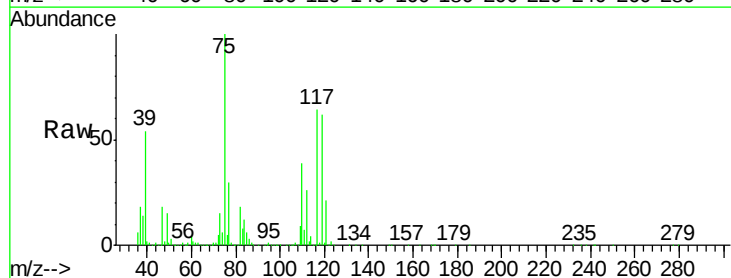
Tgt Ion: 75 Resp: 292510

Ion Ratio Lower Upper

75 100

110 39.9 20.2 60.5

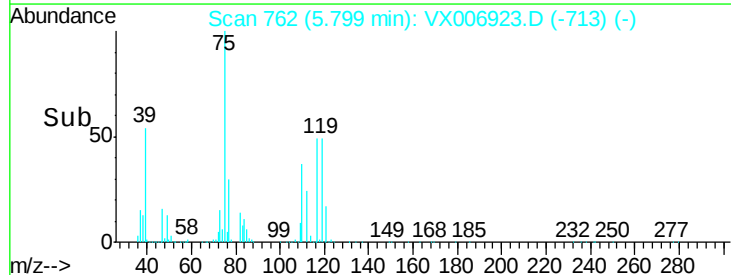
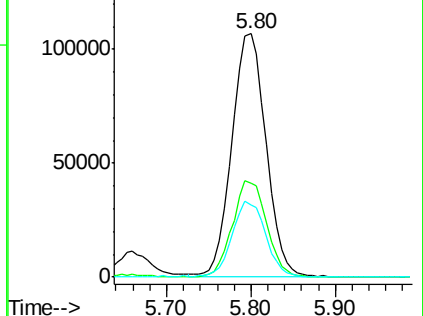
77 30.6 24.8 37.2

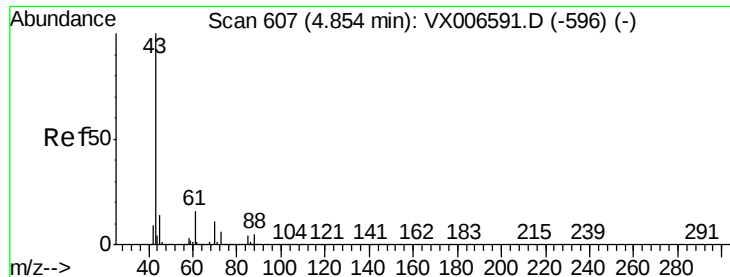


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

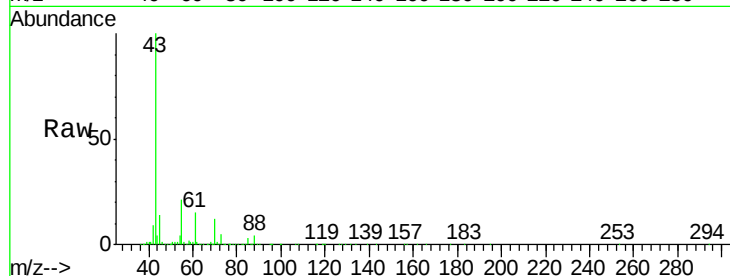




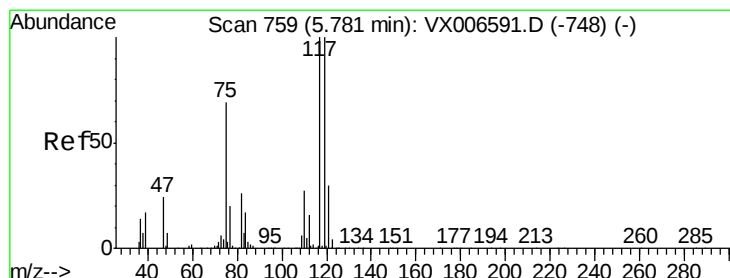
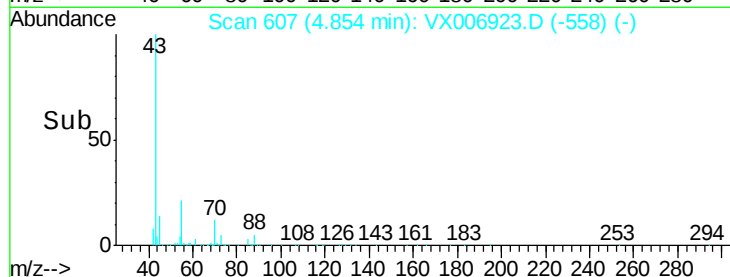
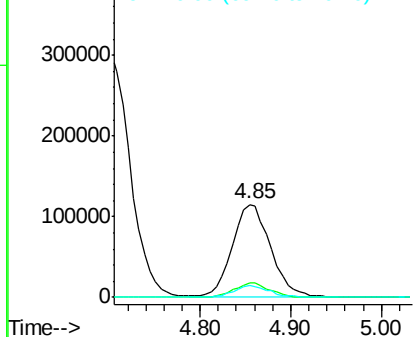
#37
Ethyl Acetate
Concen: 51.776 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 334803
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.8 9.7 14.5

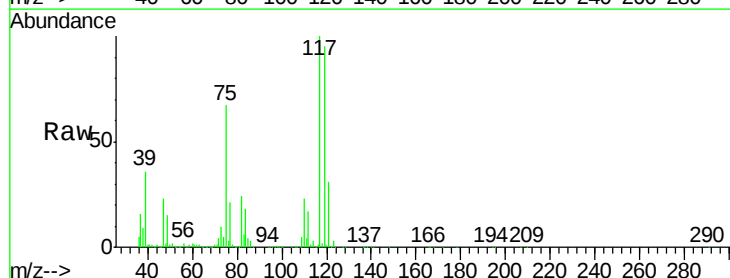


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

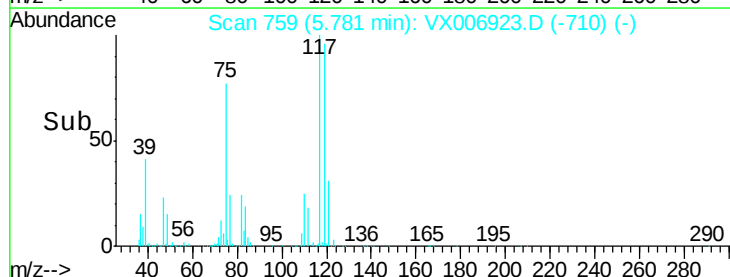
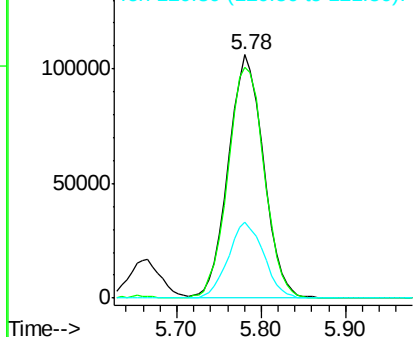


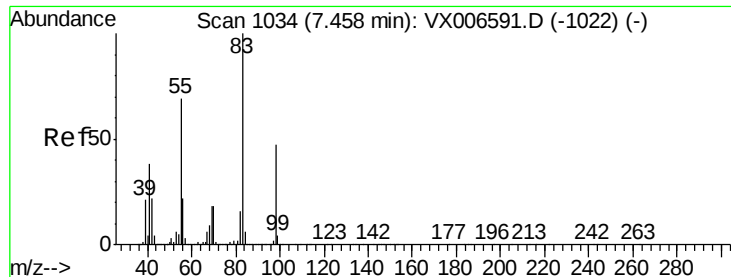
#38
Carbon Tetrachloride
Concen: 49.927 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 117 Resp: 301454
Ion Ratio Lower Upper
117 100
119 94.7 79.4 119.2
121 31.2 24.0 36.0



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

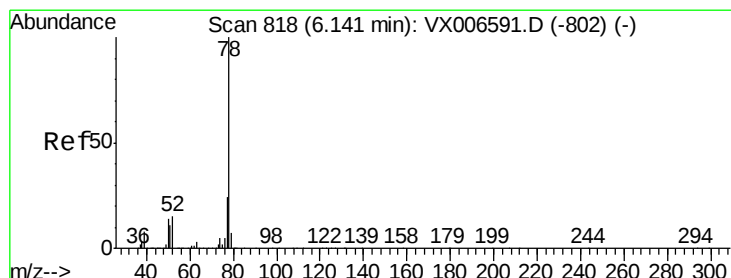
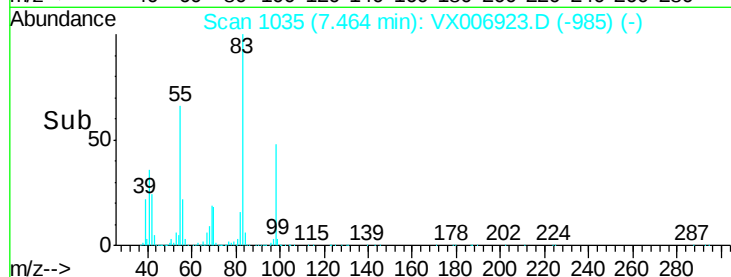
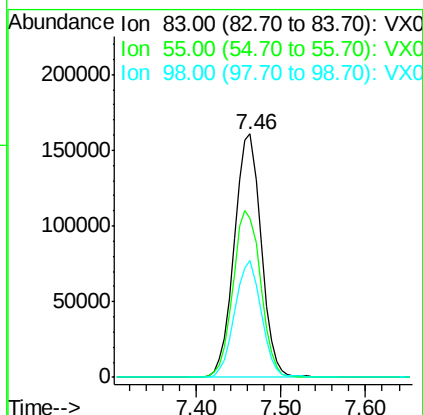
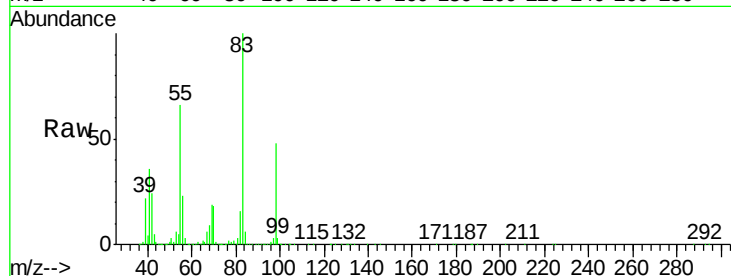




#39
Methvlcvclohexane
Concen: 42.312 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

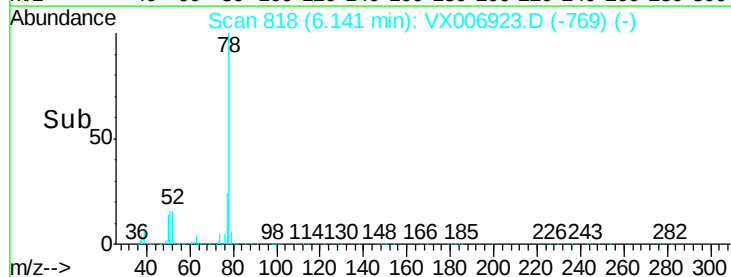
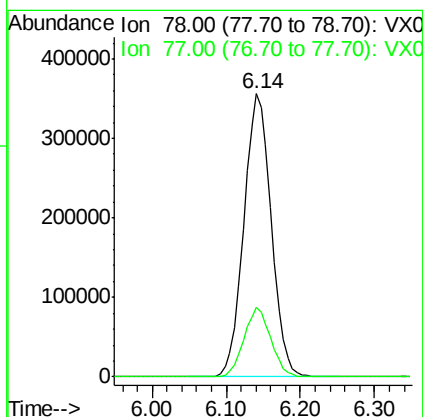
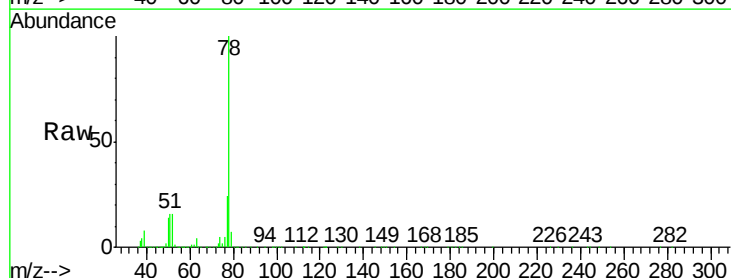
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

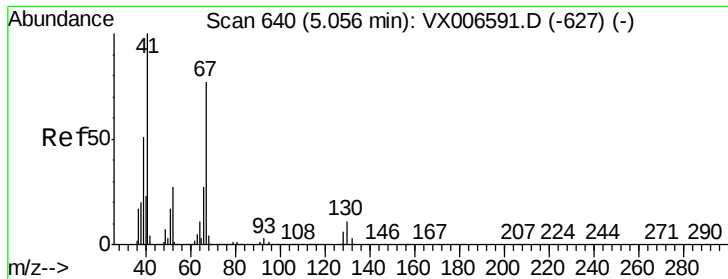
Tot Ion: 83 Resp: 346083
Ion Ratio Lower Upper
83 100
55 65.5 54.9 82.3
98 47.8 37.9 56.9



#40
Benzene
Concen: 48.678 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 78 Resp: 919284
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8





#41

Methacrylonitrile

Concen: 54.798 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 188128

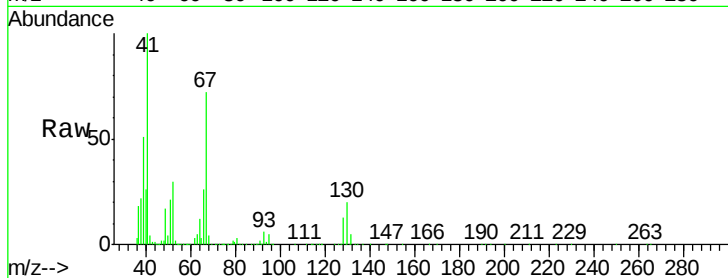
Ion Ratio Lower Upper

41 100

39 55.1 42.8 64.2

67 75.9 62.1 93.1

52 30.3 23.4 35.0

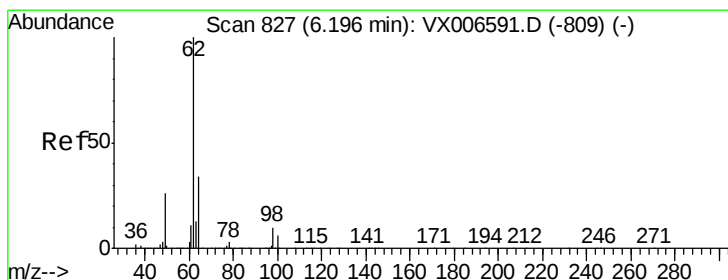
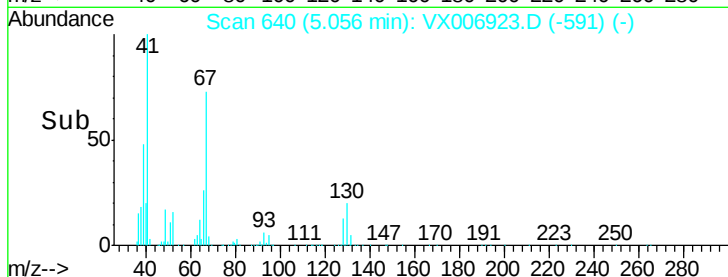
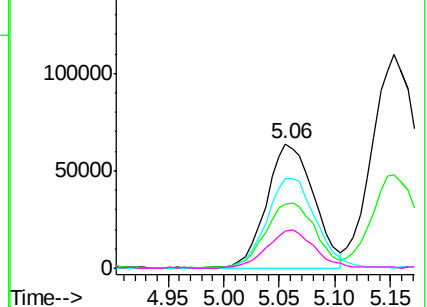


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.506 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006923.D

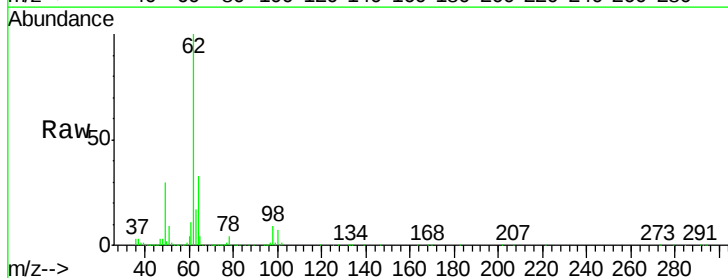
Acq: 04 Jan 2019 19:38

Tgt Ion: 62 Resp: 318579

Ion Ratio Lower Upper

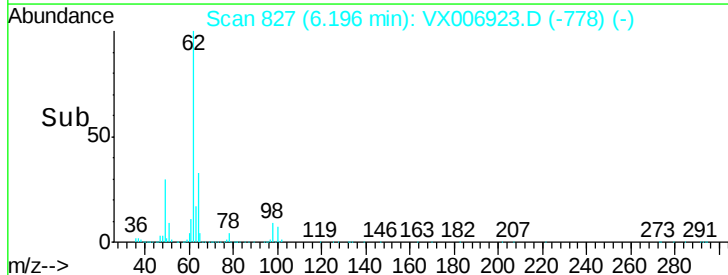
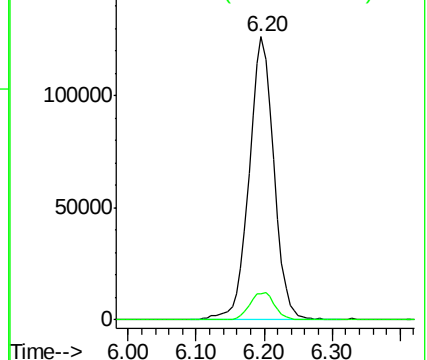
62 100

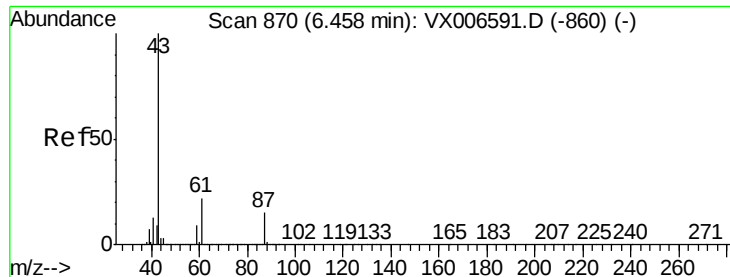
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



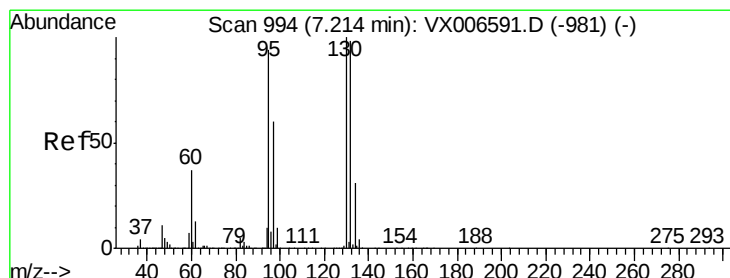
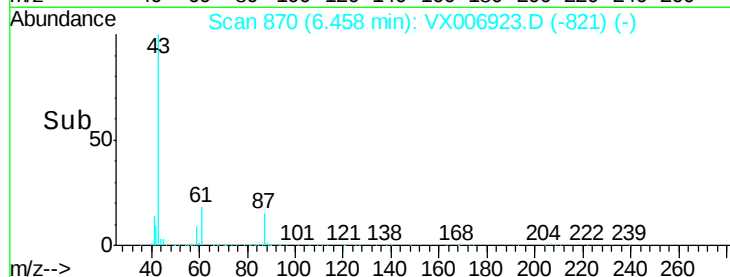
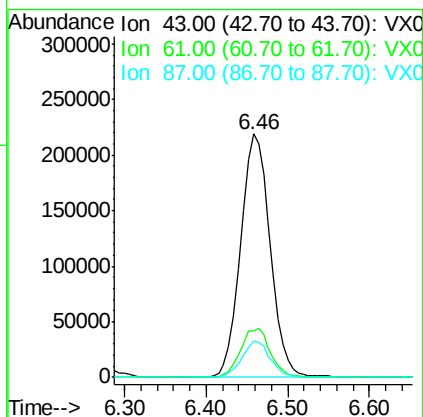
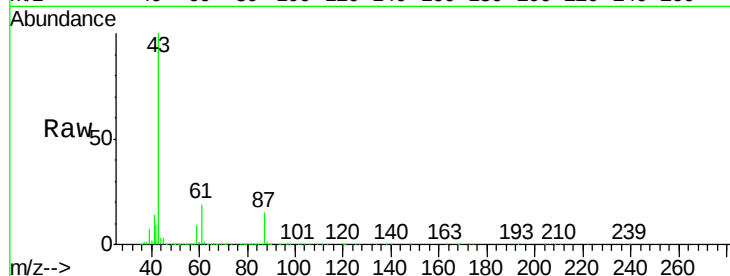


#43

Isopropyl Acetate
 Concen: 55.826 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

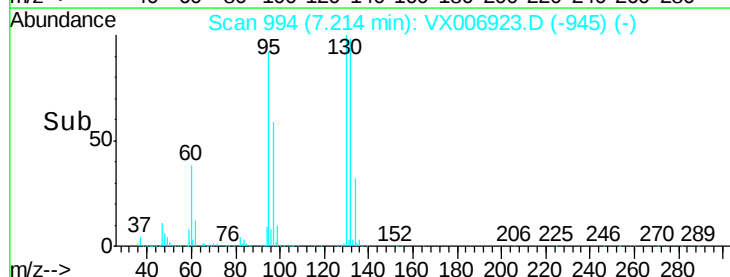
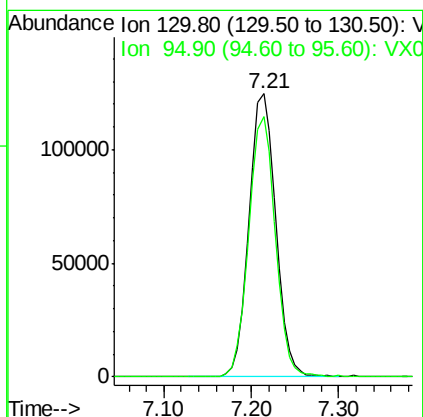
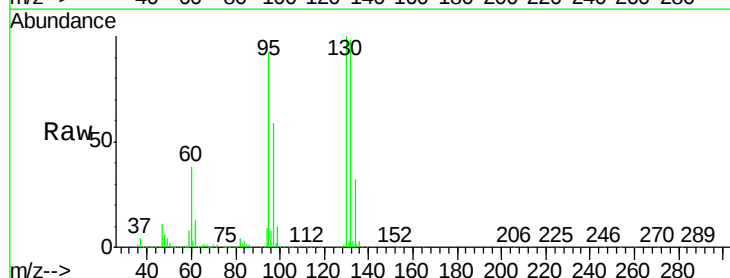
Tot Ion: 43 Resp: 549264
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.8 25.2
 87 14.5 12.4 18.6



#44

Trichloroethene
 Concen: 46.525 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion: 130 Resp: 265929
 Ion Ratio Lower Upper
 130 100
 95 92.1 0.0 187.0





#45

1,2-Dichloropropane

Concen: 52.314 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

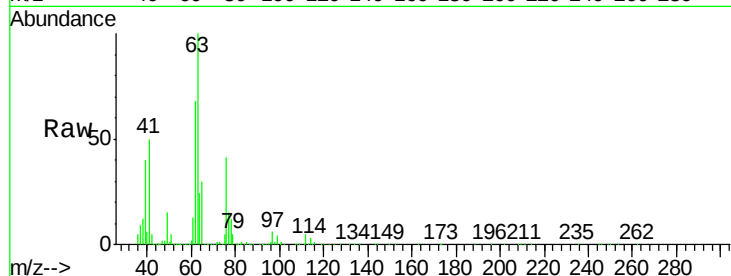
VSTDCCC050EC

Tot Ion: 63 Resp: 240415

Ion Ratio Lower Upper

63 100

65 29.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

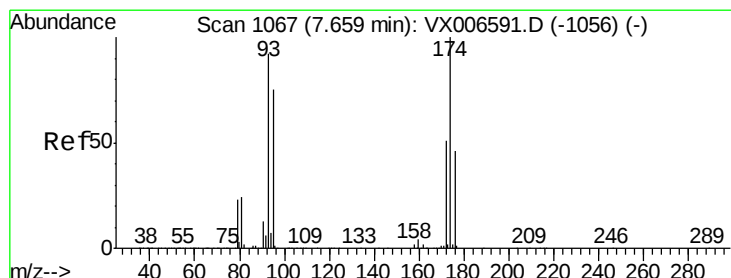
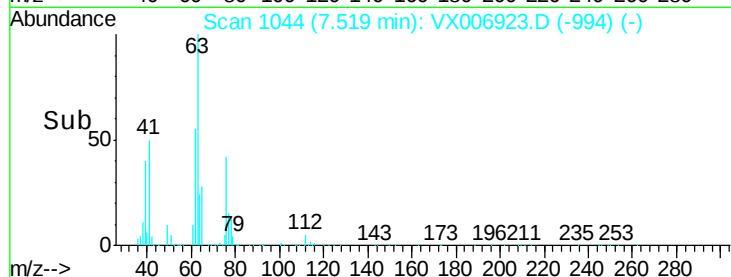
100000

50000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 49.763 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

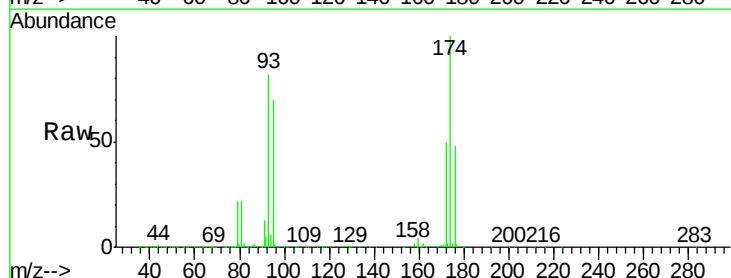
Tgt Ion: 93 Resp: 168215

Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 117.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

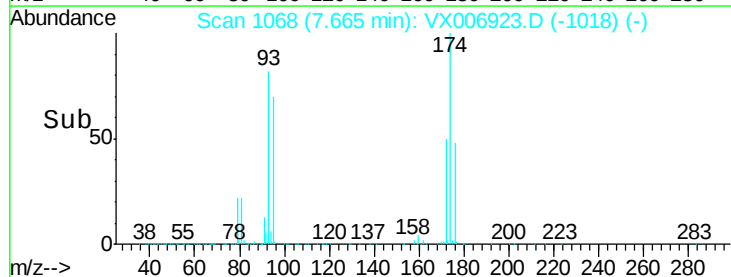
100000

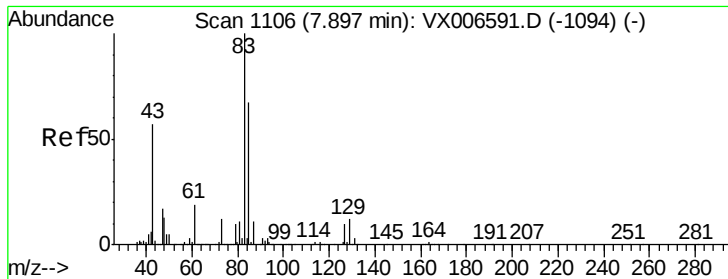
50000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 53.867 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

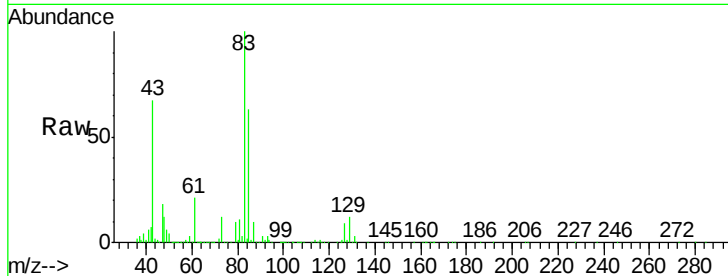
Tot Ion: 83 Resp: 302309

Ion Ratio Lower Upper

83 100

85 62.8 53.2 79.8

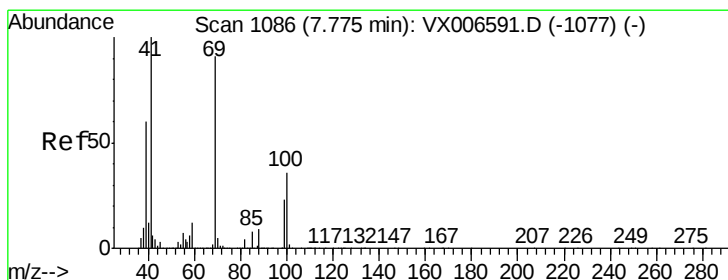
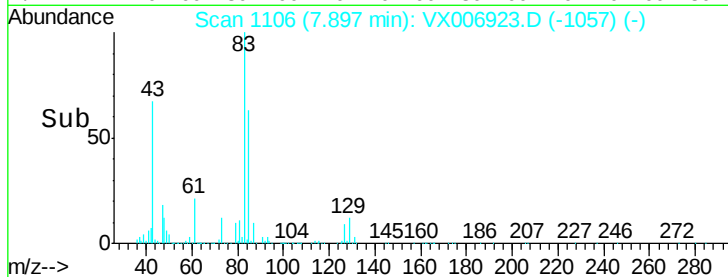
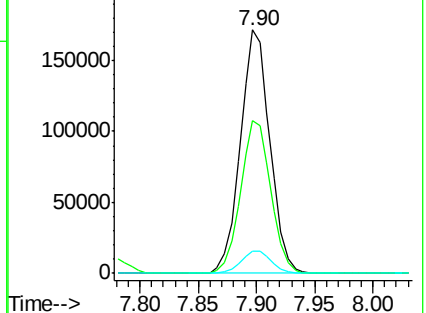
127 9.0 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.099 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

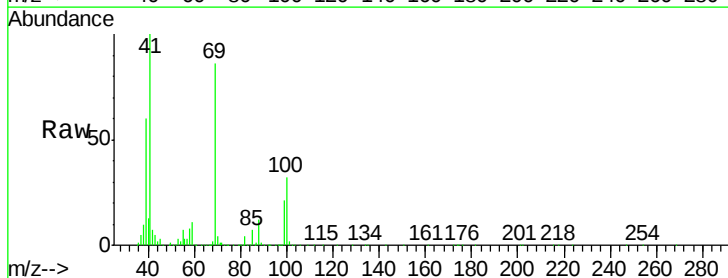
Tgt Ion: 41 Resp: 275681

Ion Ratio Lower Upper

41 100

69 88.3 72.4 108.6

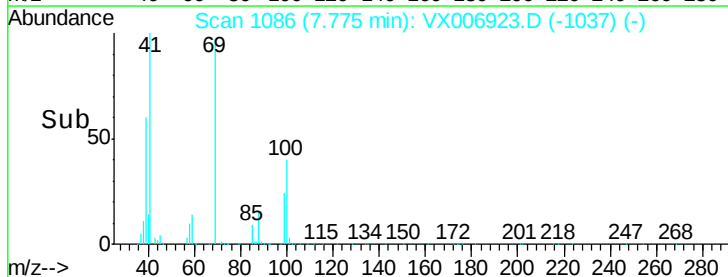
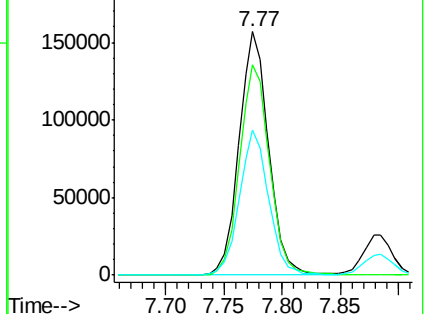
39 58.7 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 932.939 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

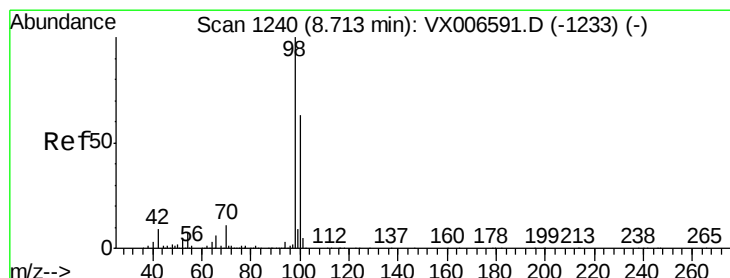
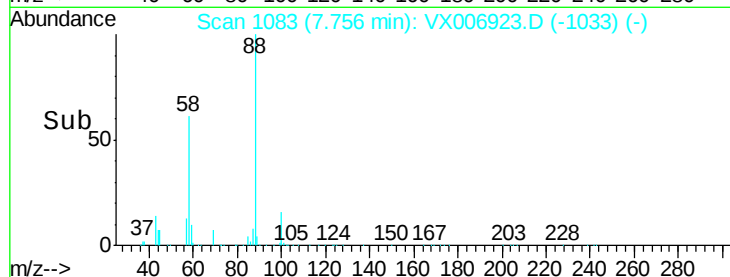
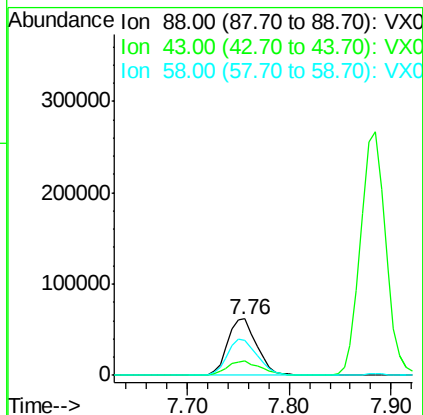
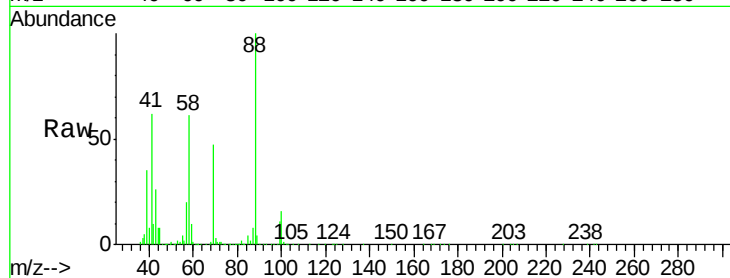
Tot Ion: 88 Resp: 122306

Ion Ratio Lower Upper

88 100

43 28.9 22.2 33.4

58 65.7 51.0 76.4



#50

Toluene-d8

Concen: 51.031 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006923.D

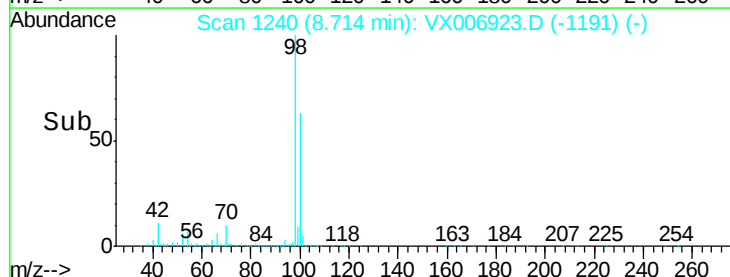
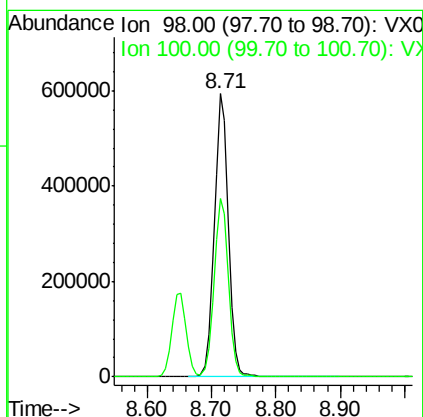
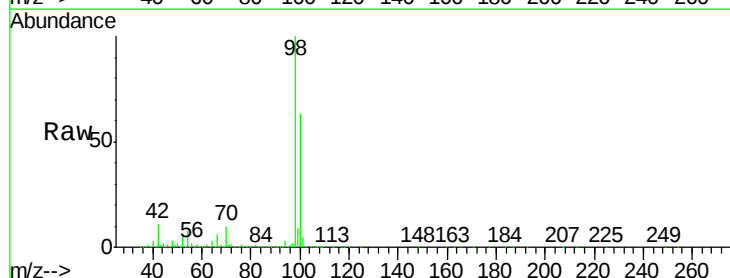
Acq: 04 Jan 2019 19:38

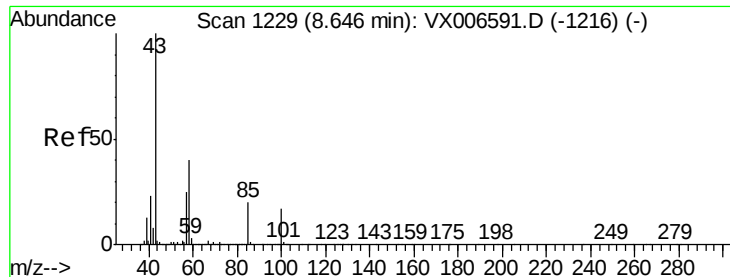
Tgt Ion: 98 Resp: 912637

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 270.117 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

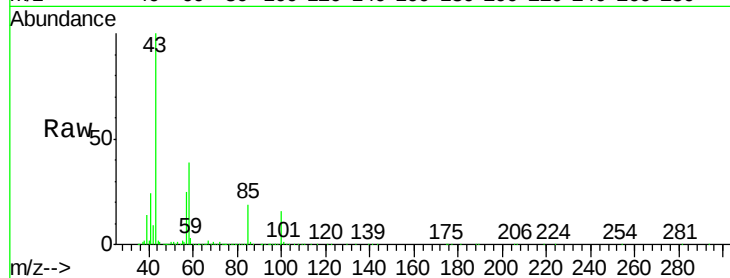
VSTDCCC050EC

Tot Ion: 43 Resp: 1690985

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

400000

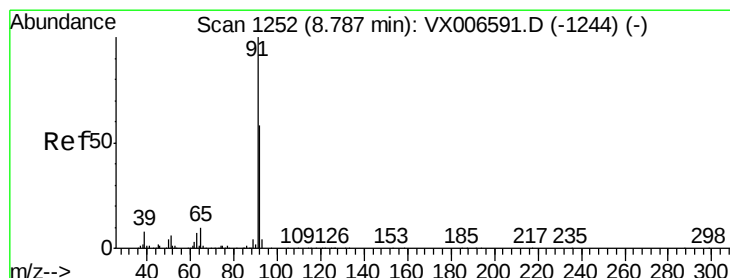
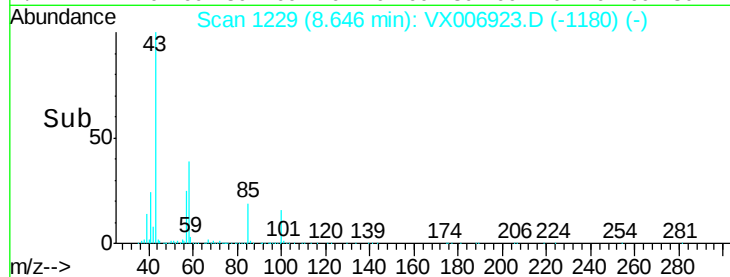
200000

0

8.65

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 48.300 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006923.D

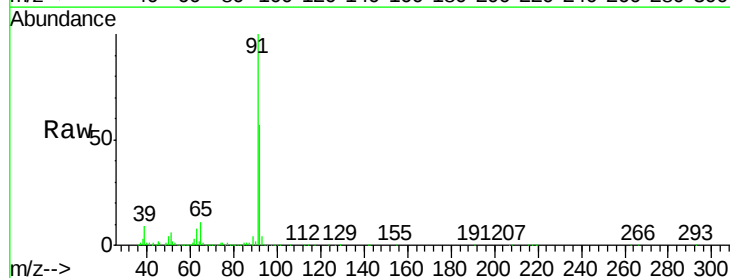
Acq: 04 Jan 2019 19:38

Tgt Ion: 92 Resp: 589282

Ion Ratio Lower Upper

92 100

91 177.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

400000

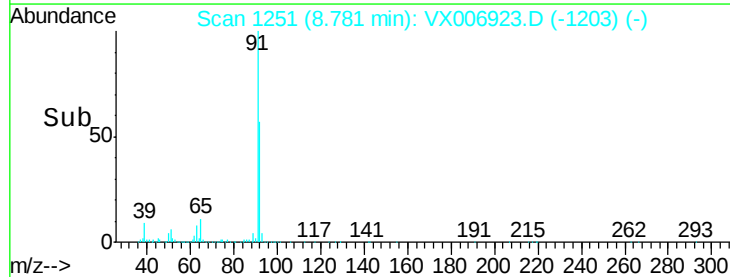
200000

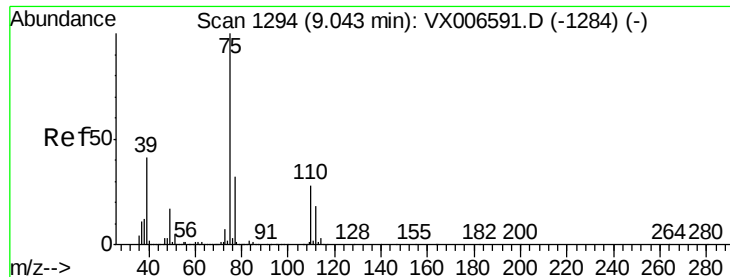
0

8.78

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.753 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

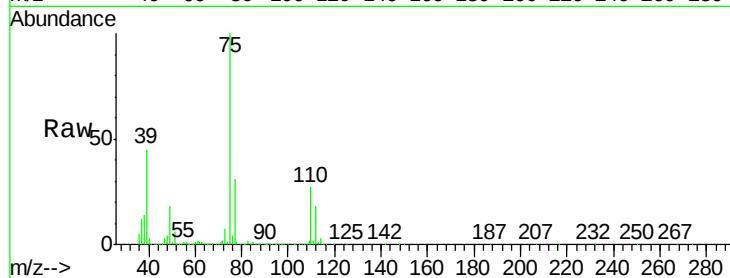
VSTDCCC050EC

Tot Ion: 75 Resp: 329555

Ion Ratio Lower Upper

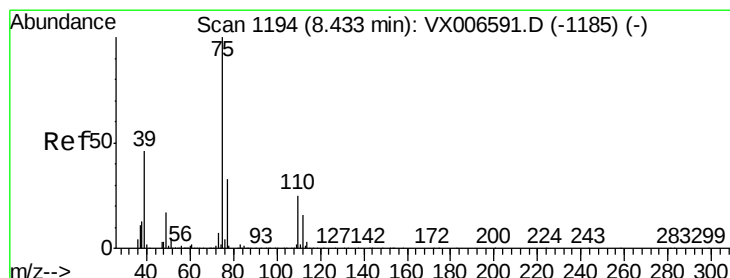
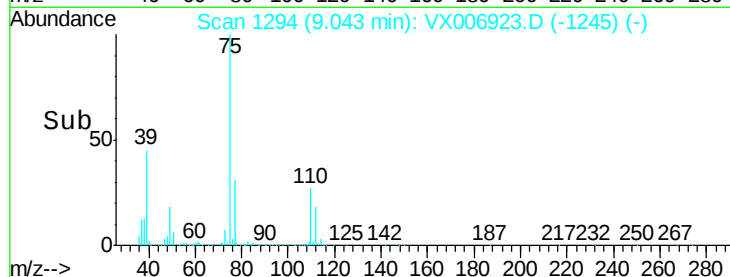
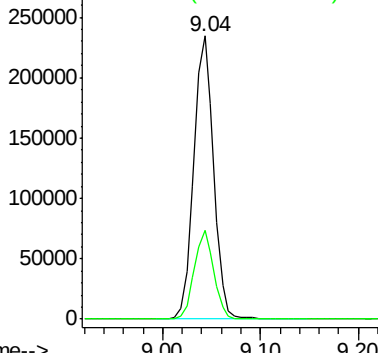
75 100

77 31.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 55.226 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

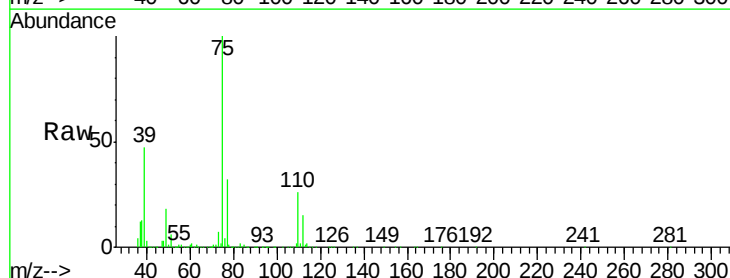
Tgt Ion: 75 Resp: 364726

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

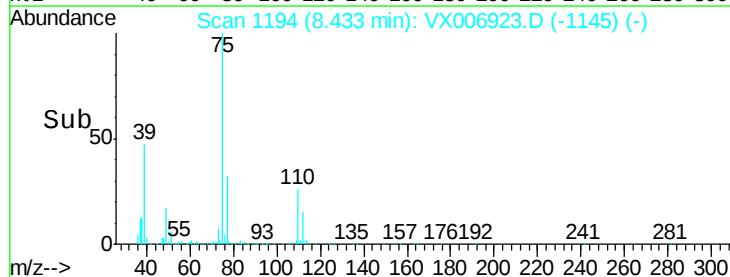
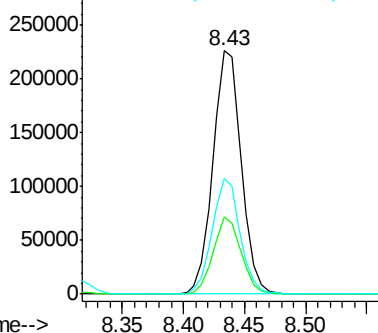
39 47.4 36.7 55.1

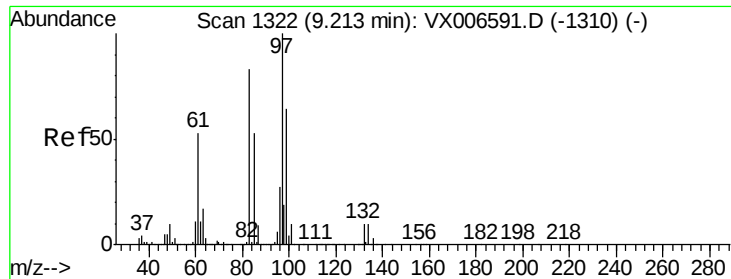


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

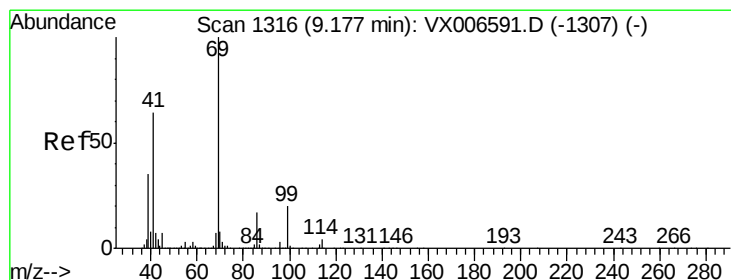
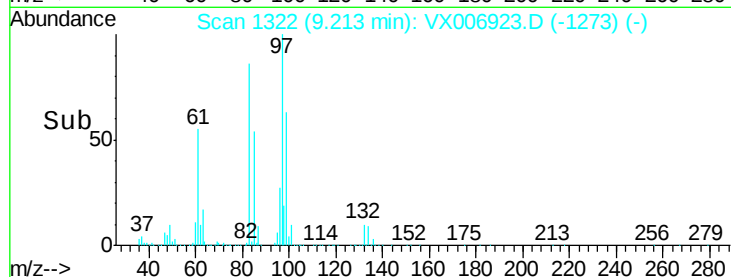
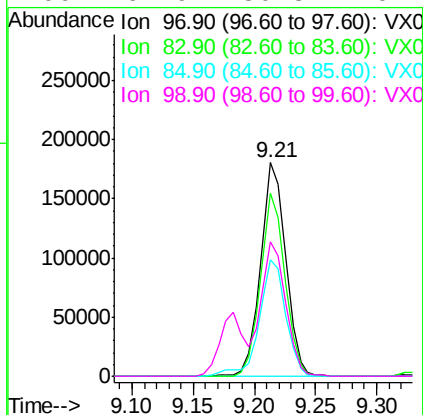
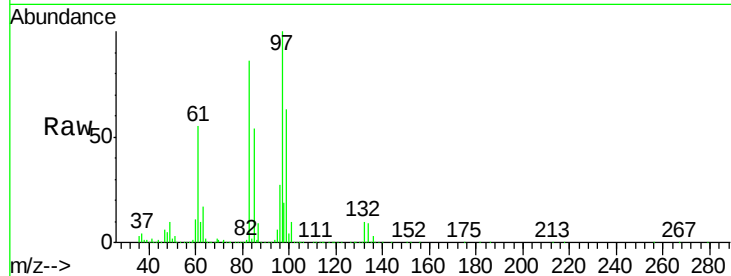




#55
 1,1,2-Trichloroethane
 Concen: 52.360 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

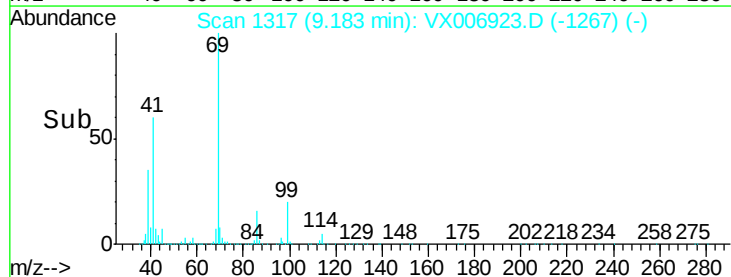
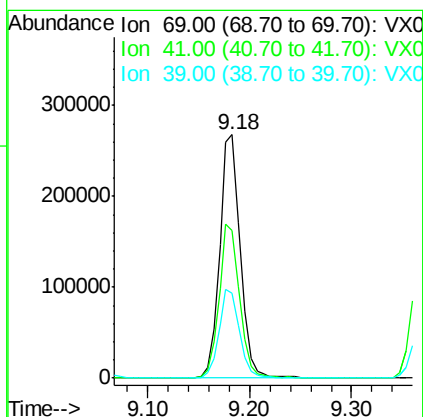
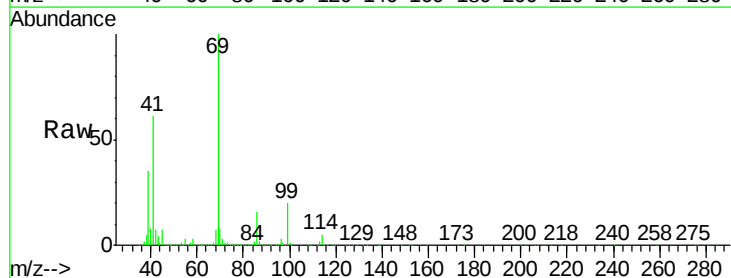
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

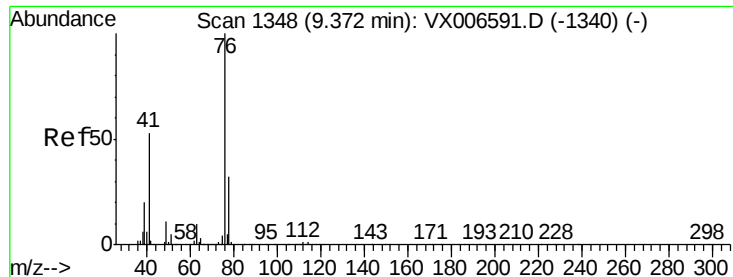
Tot Ion:	97	Resp:	261477
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.6	99.8
85	54.3	42.7	64.1
99	62.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 53.549 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion:	69	Resp:	377959
Ion	Ratio	Lower	Upper
69	100		
41	62.6	48.7	73.1
39	36.3	27.0	40.6





#57

1,3-Dichloropropane

Concen: 51.377 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

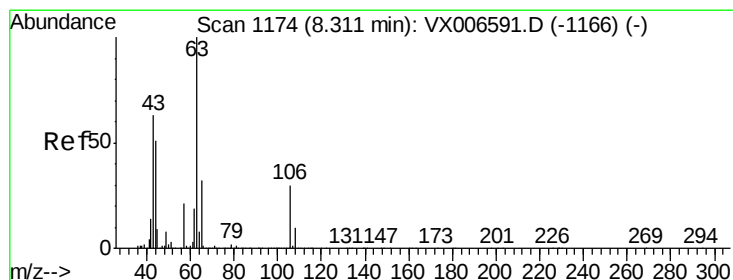
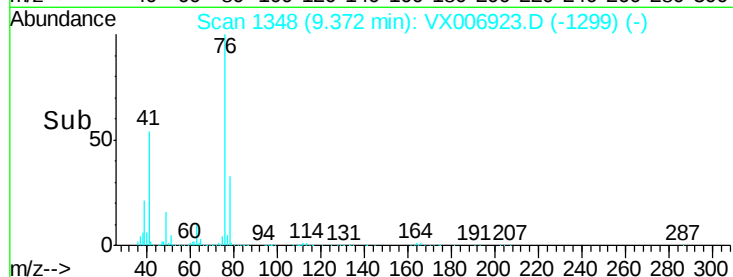
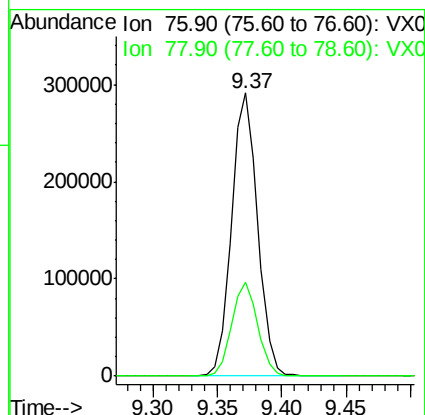
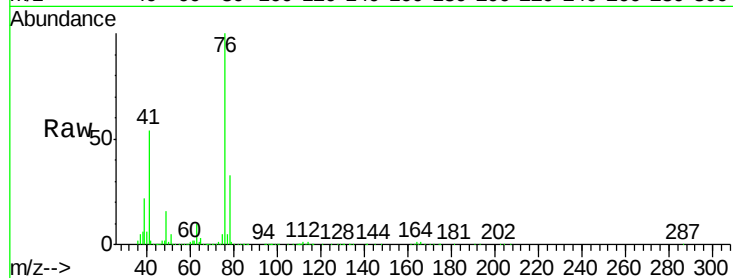
VSTDCCC050EC

Tot Ion: 76 Resp: 412789

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 264.737 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006923.D

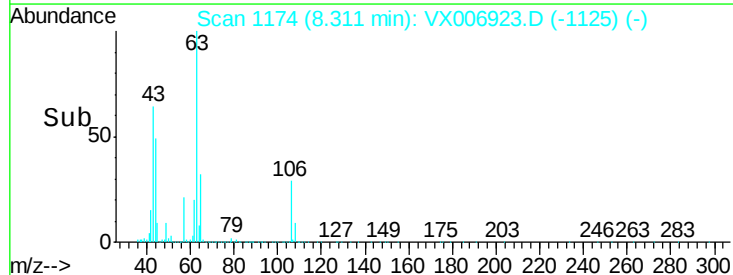
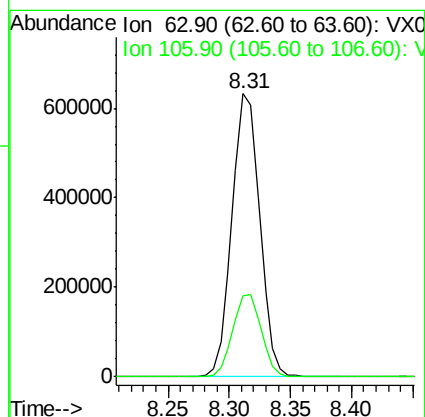
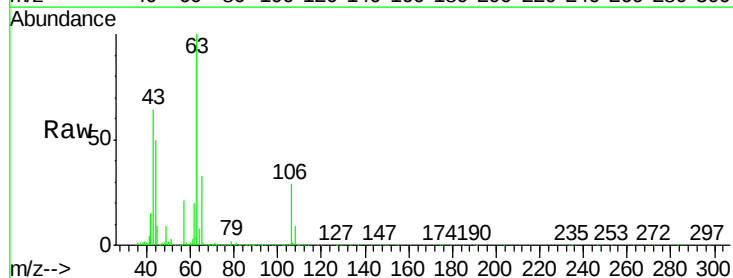
Acq: 04 Jan 2019 19:38

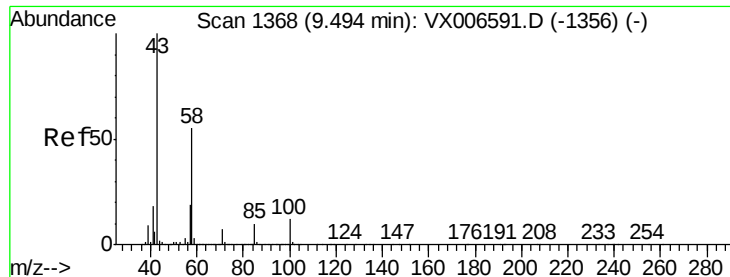
Tgt Ion: 63 Resp: 993262

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8

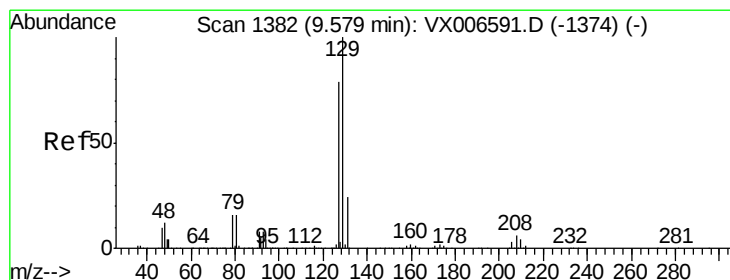
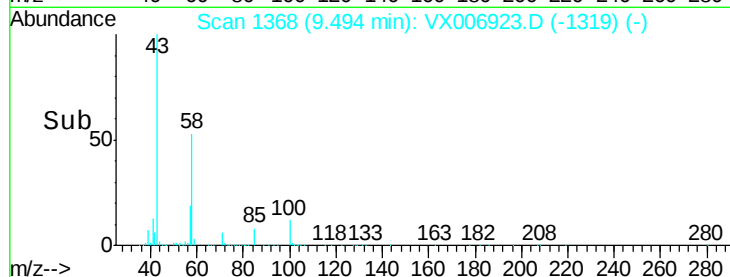
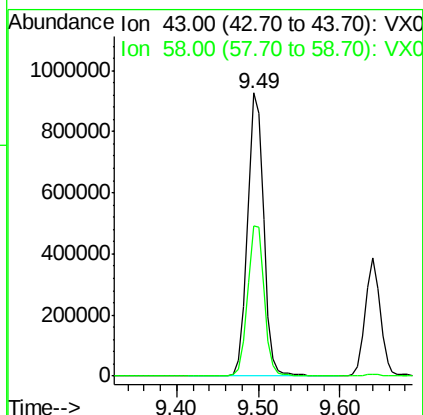
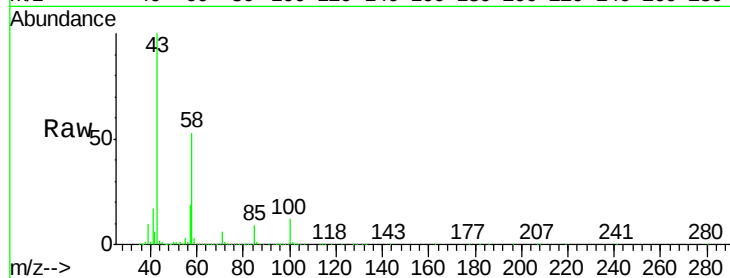




#59
2-Hexanone
Concen: 265.922 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

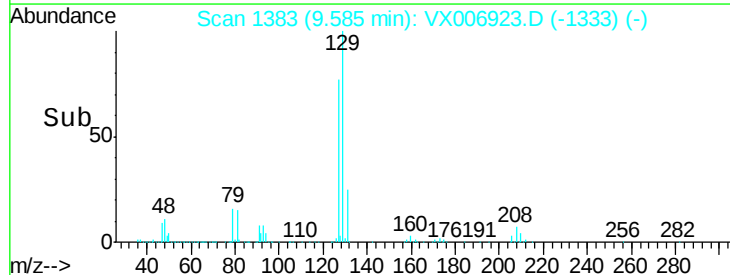
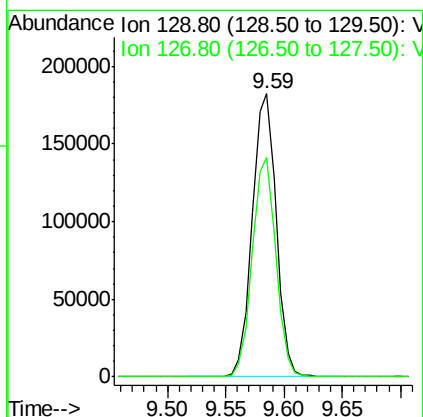
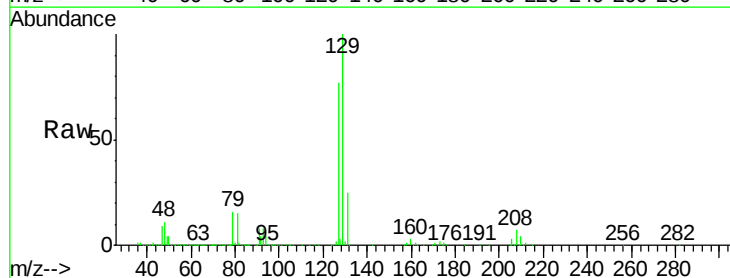
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

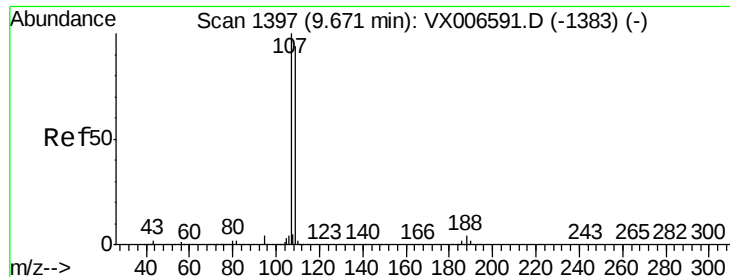
Tot Ion: 43 Resp: 1273712
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.1



#60
Dibromochloromethane
Concen: 50.297 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 129 Resp: 262778
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.571 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

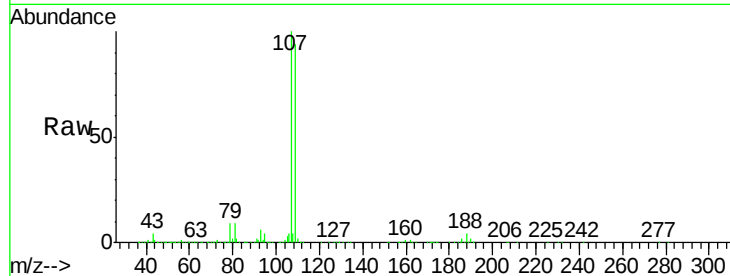
VSTDCCC050EC

Tot Ion:107 Resp: 273768

Ion Ratio Lower Upper

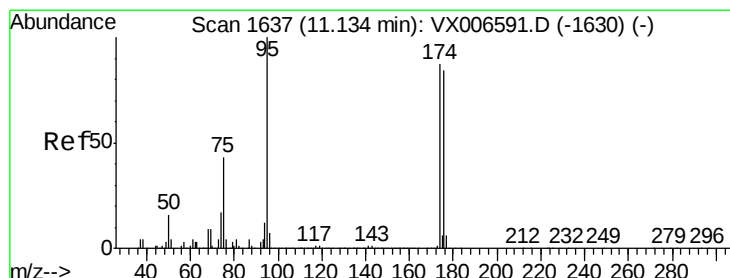
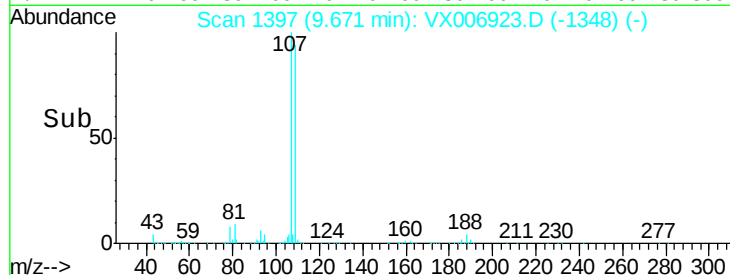
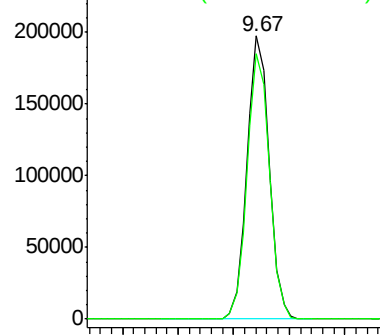
107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.476 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

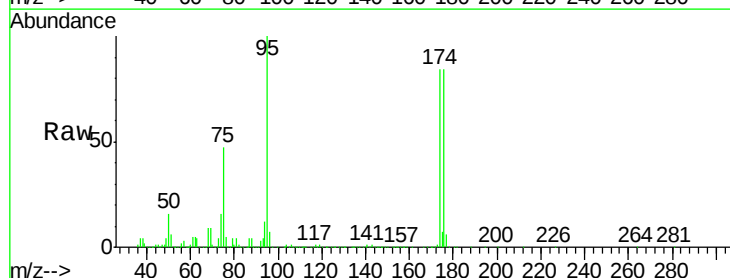
Tgt Ion: 95 Resp: 324060

Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.2

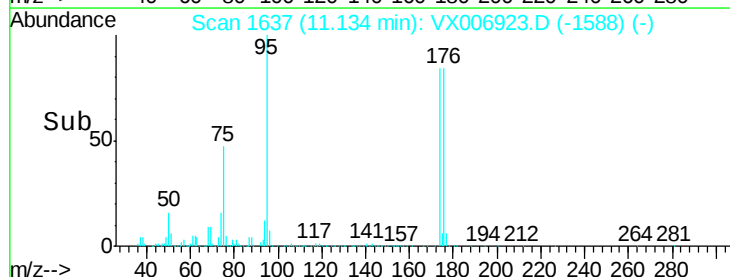
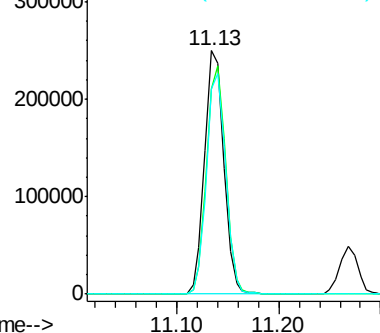
176 90.5 0.0 178.8

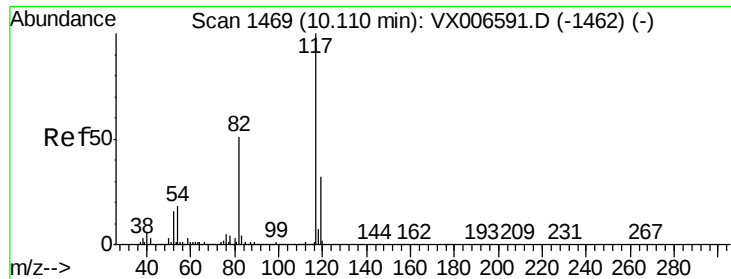


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

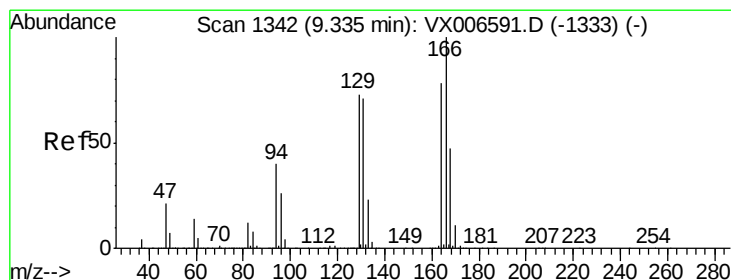
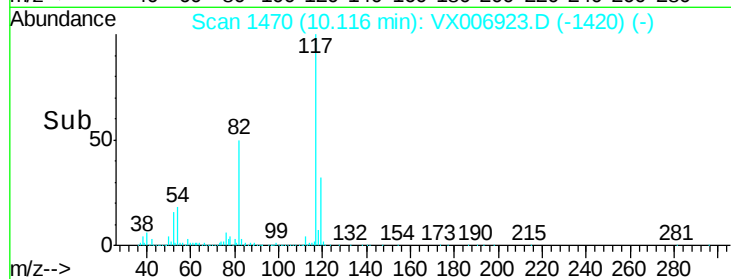
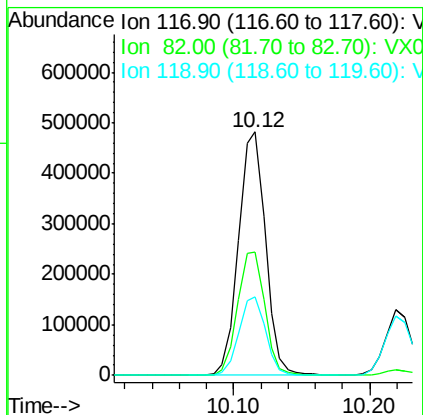
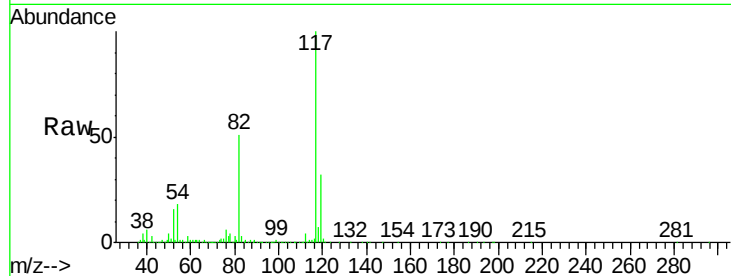




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

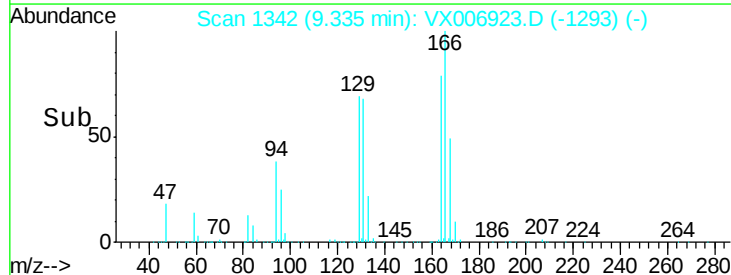
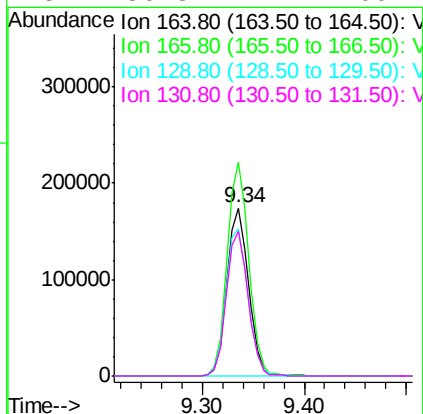
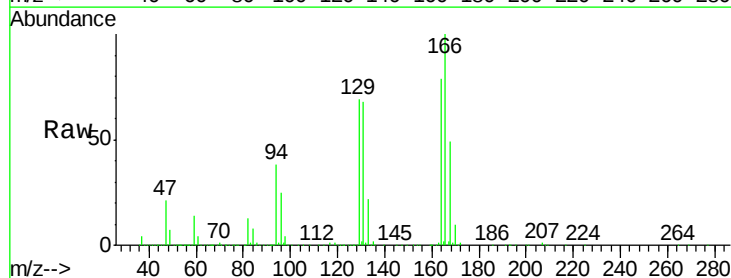
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

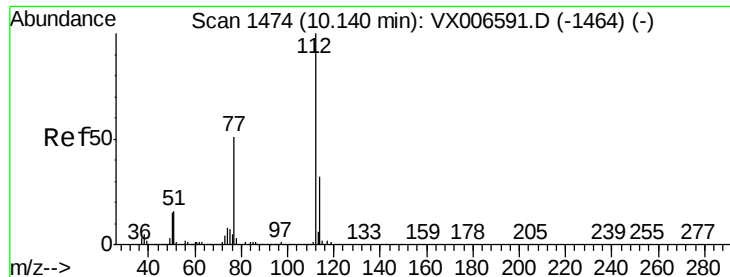
Tot Ion:117 Resp: 667069
Ion Ratio Lower Upper
117 100
82 50.5 41.0 61.6
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 48.140 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion:164 Resp: 254283
Ion Ratio Lower Upper
164 100
166 127.2 102.5 153.7
129 88.0 75.1 112.7
131 86.3 72.7 109.1





#65

Chlorobenzene

Concen: 49.196 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

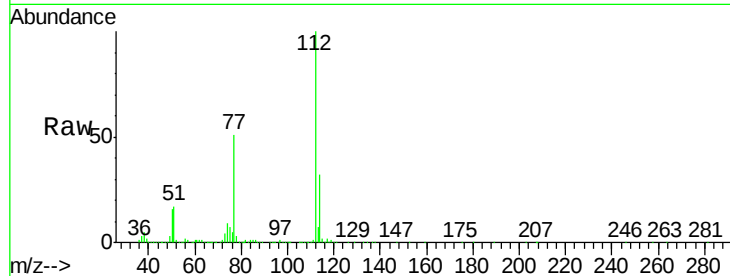
VSTDCCC050EC

Tot Ion:112 Resp: 694277

Ion Ratio Lower Upper

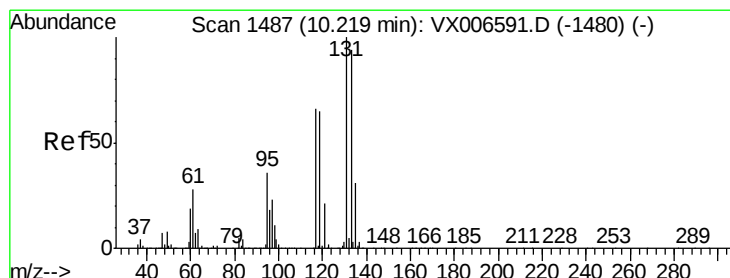
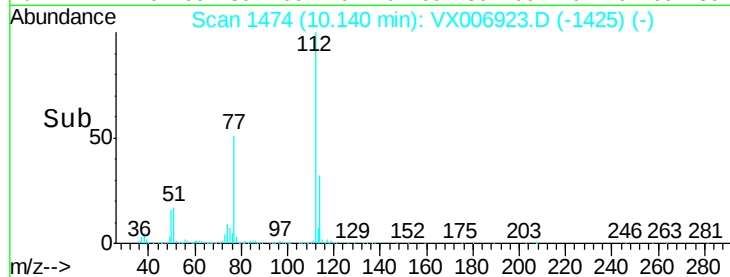
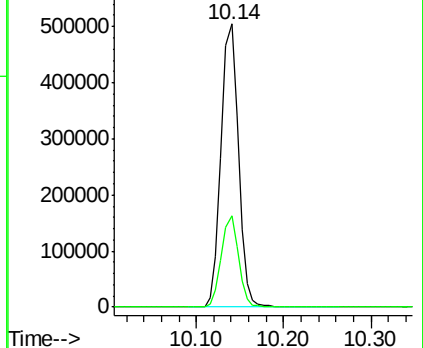
112 100

114 32.2 25.7 38.5



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: 57.813 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

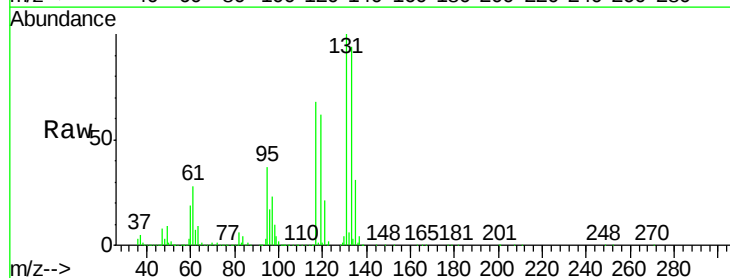
Tgt Ion:131 Resp: 254553

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

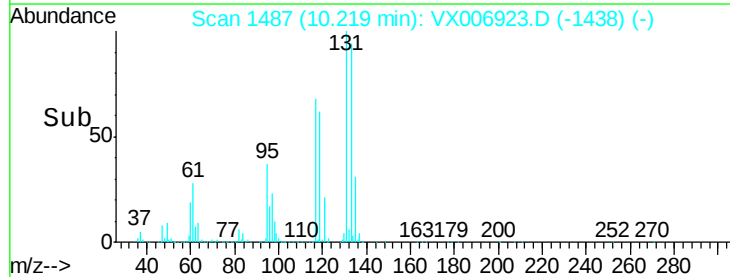
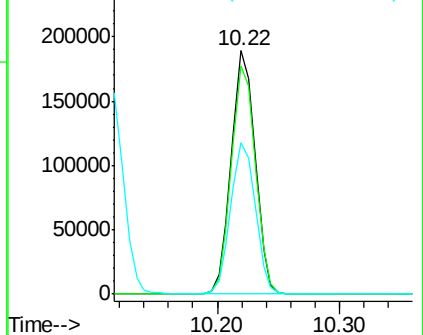
119 64.4 32.6 97.8

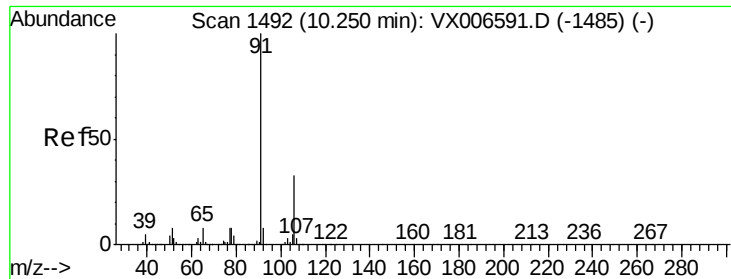


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.893 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

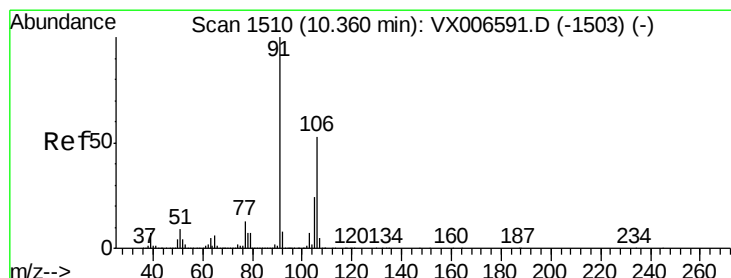
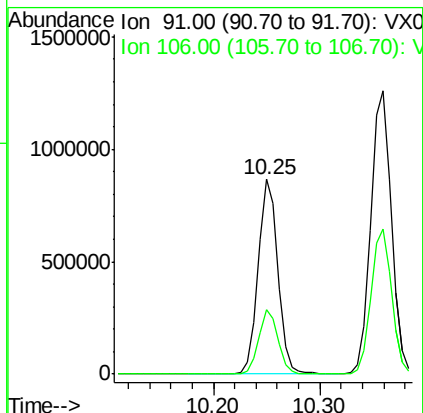
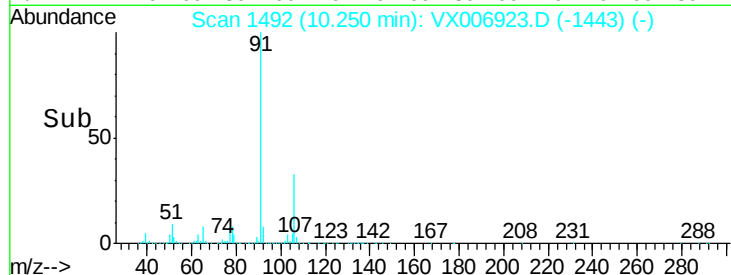
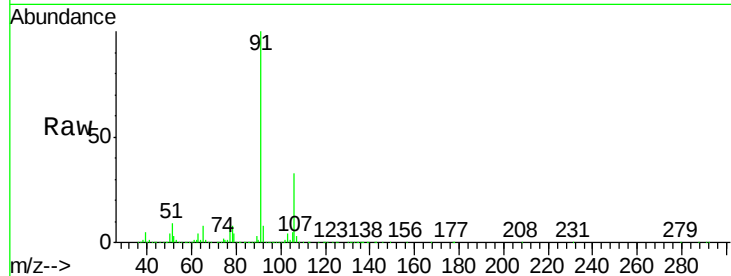
VSTDCCC050EC

Tot Ion: 91 Resp: 1127507

Ion Ratio Lower Upper

91 100

106 32.8 26.4 39.6



#68

m/p-Xylenes

Concen: 97.144 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006923.D

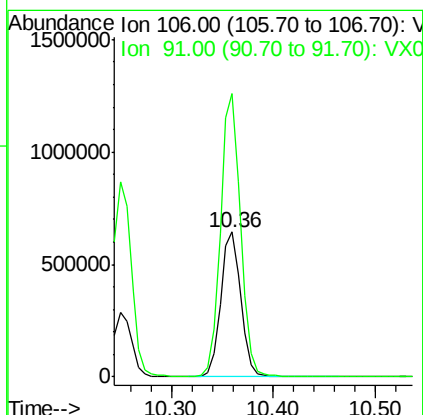
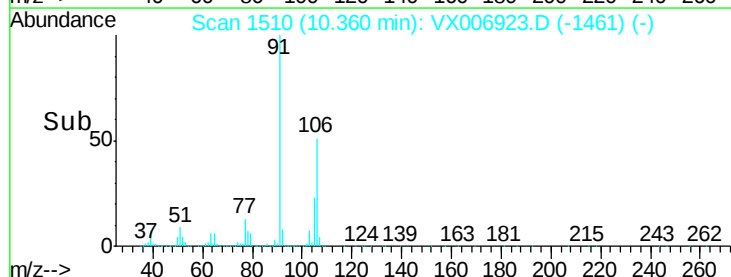
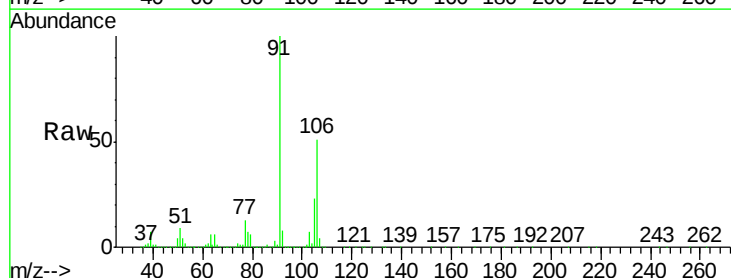
Acq: 04 Jan 2019 19:38

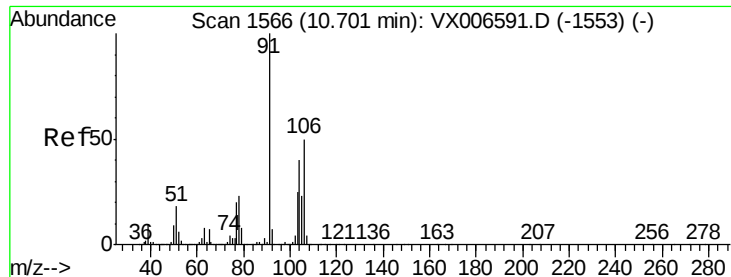
Tgt Ion: 106 Resp: 883976

Ion Ratio Lower Upper

106 100

91 195.5 155.8 233.6

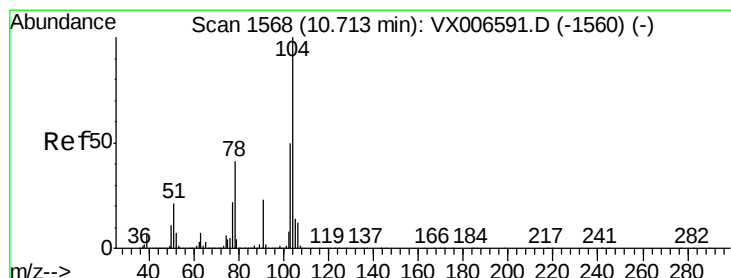
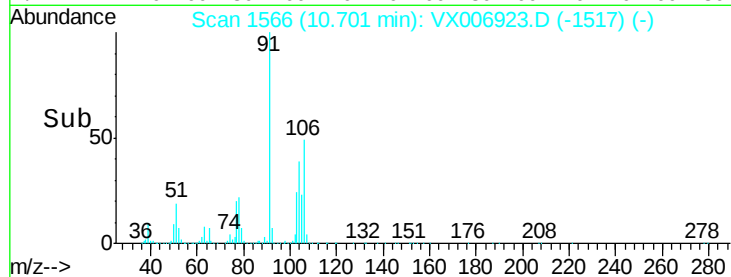
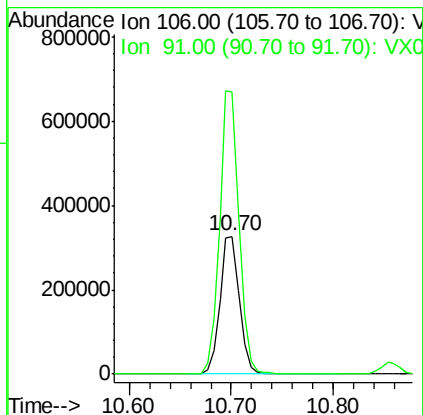
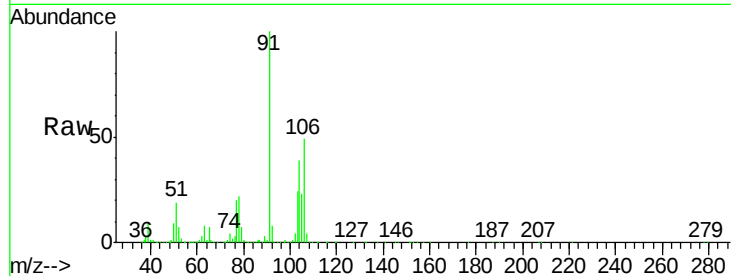




#69
o-Xylene
Concen: 48.730 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

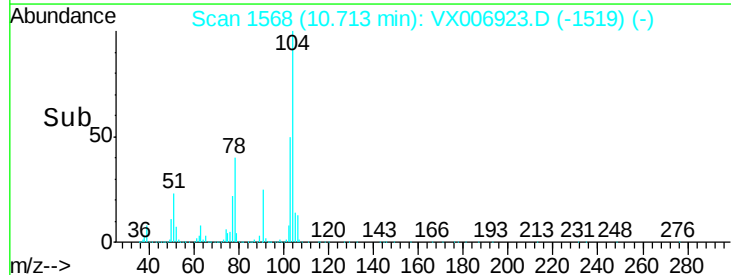
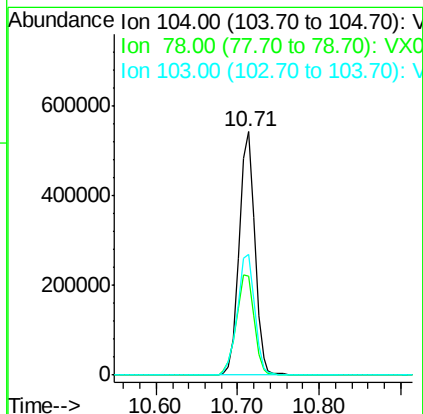
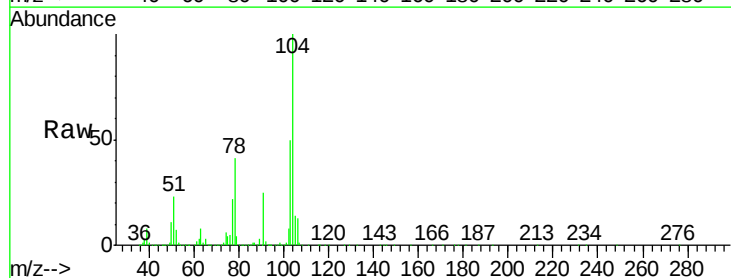
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

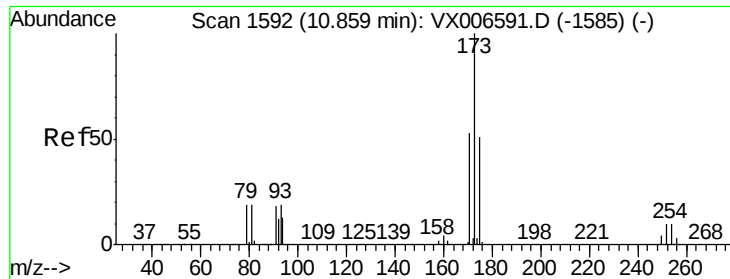
Tot Ion:106 Resp: 437872
Ion Ratio Lower Upper
106 100
91 205.1 101.3 303.7



#70
Styrene
Concen: 50.082 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion:104 Resp: 711963
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 55.2 43.8 65.8

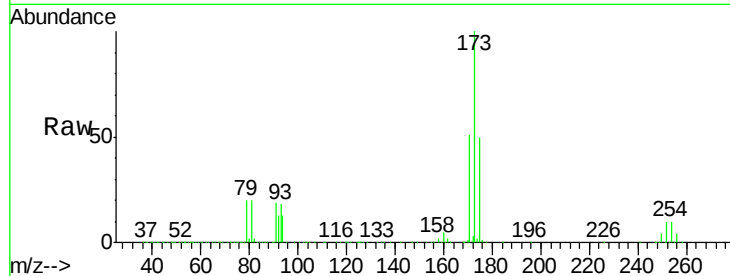




#71
Bromoform
Concen: 47.782 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

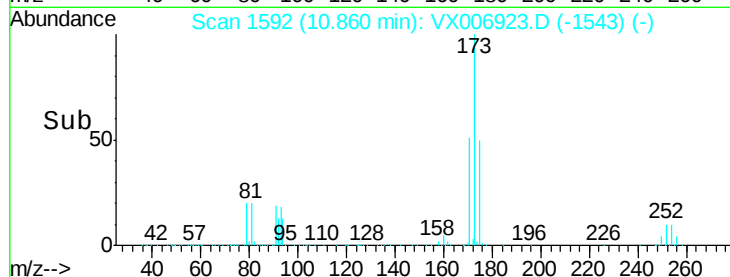
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 188910
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.2 0.2 0.2

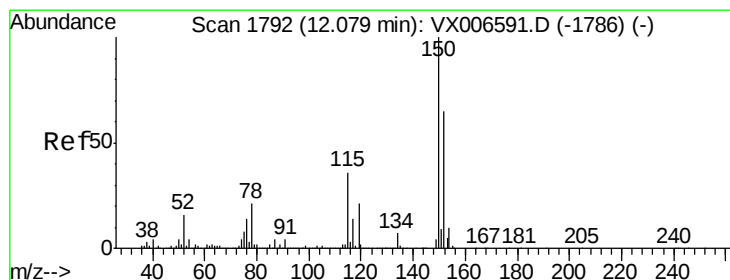


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

10.86

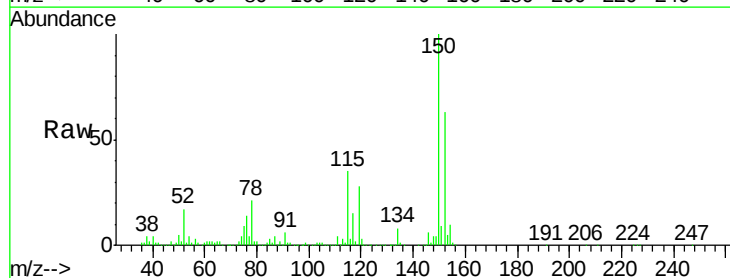


Time-->



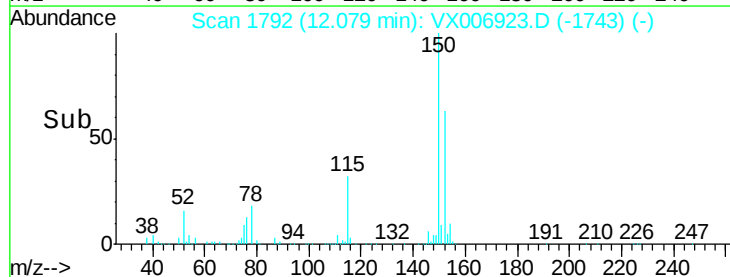
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion:152 Resp: 347587
Ion Ratio Lower Upper
152 100
115 75.9 39.1 117.2
150 172.4 0.0 344.8

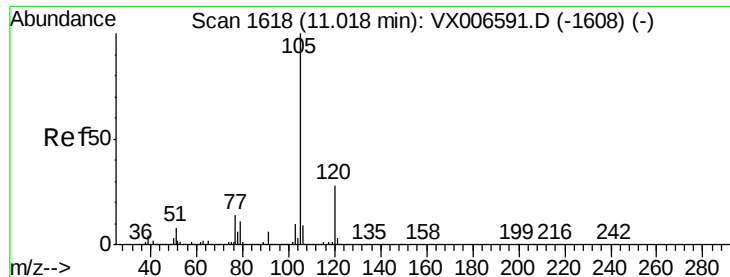


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

12.08



Time-->



#73

Isopropylbenzene

Concen: 48.869 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

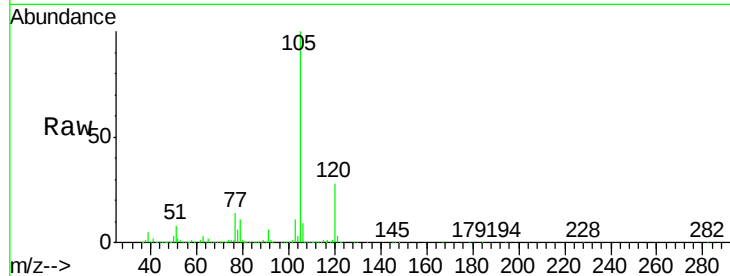
VSTDCCC050EC

Tot Ion:105 Resp: 1162059

Ion Ratio Lower Upper

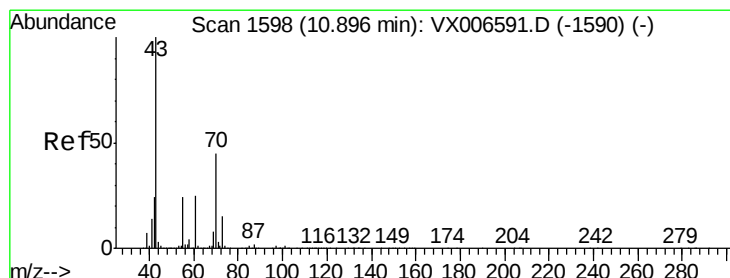
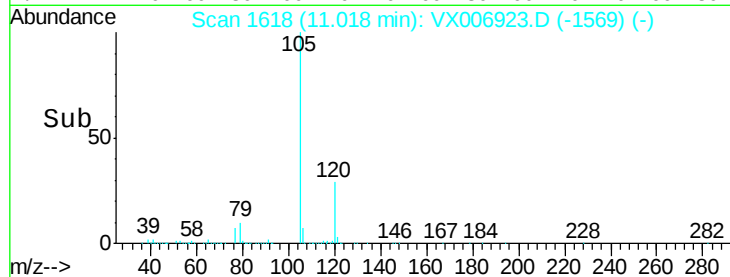
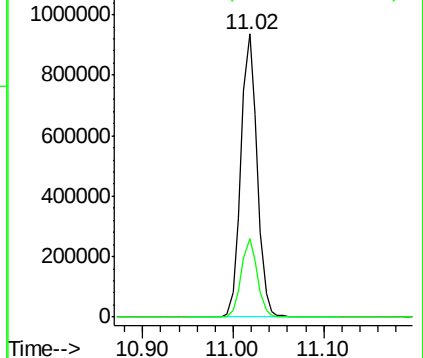
105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.077 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion: 43 Resp: 485810

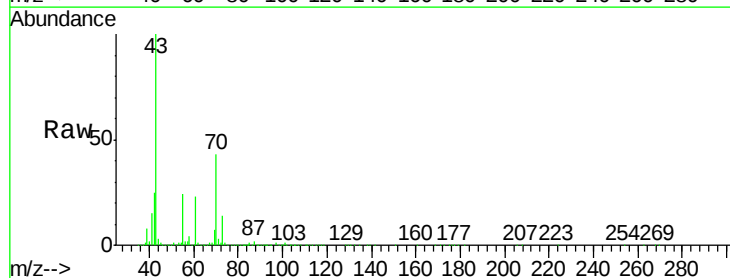
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 23.8 19.4 29.0

61 24.1 20.1 30.1

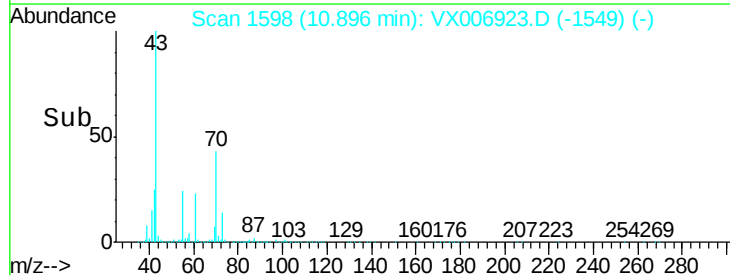
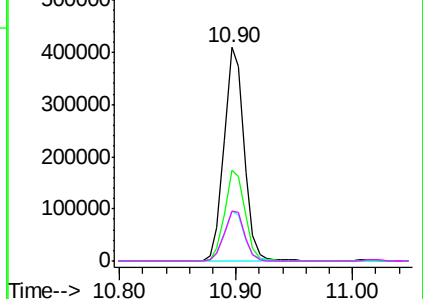


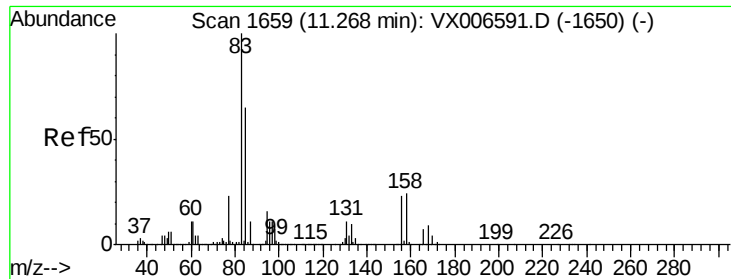
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.855 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

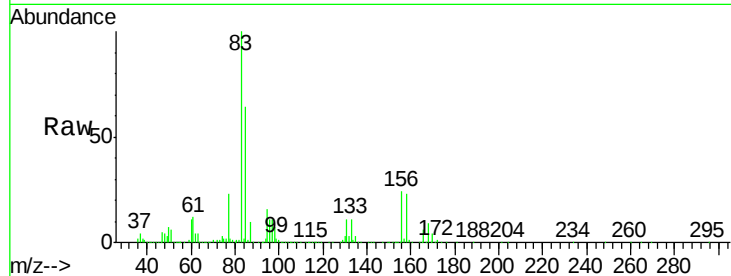
Tot Ion: 83 Resp: 380860

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

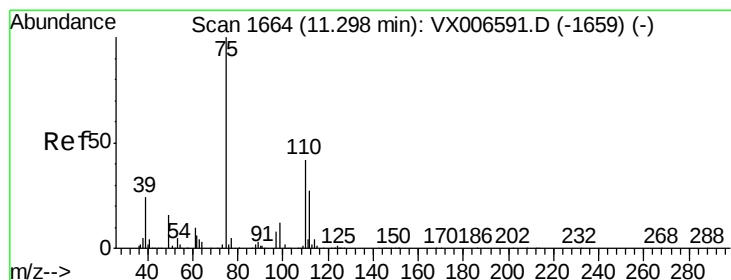
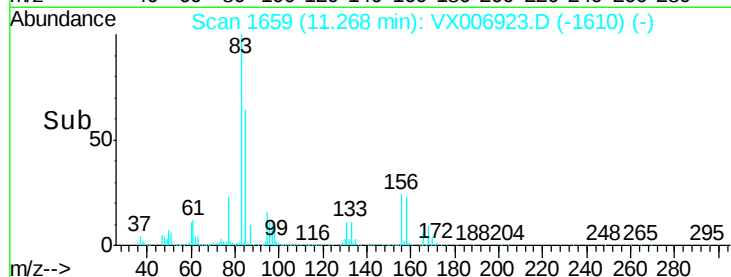
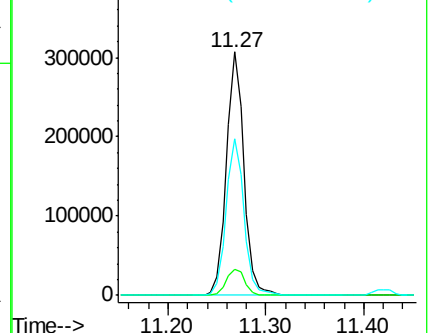
85 65.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.547 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006923.D

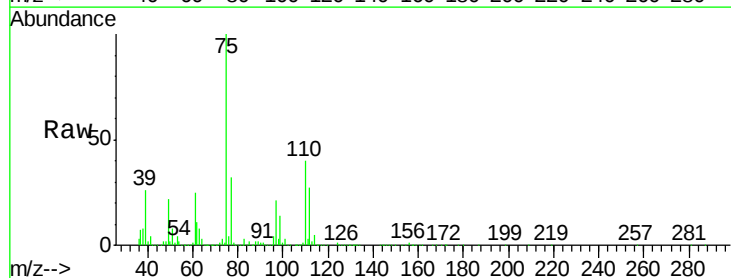
Acq: 04 Jan 2019 19:38

Tgt Ion: 75 Resp: 423406

Ion Ratio Lower Upper

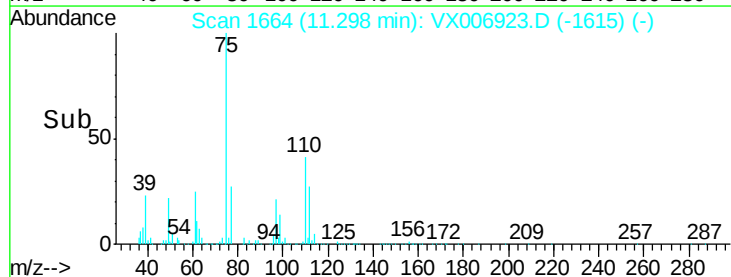
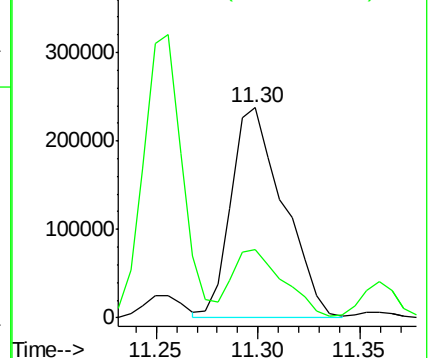
75 100

77 31.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.088 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

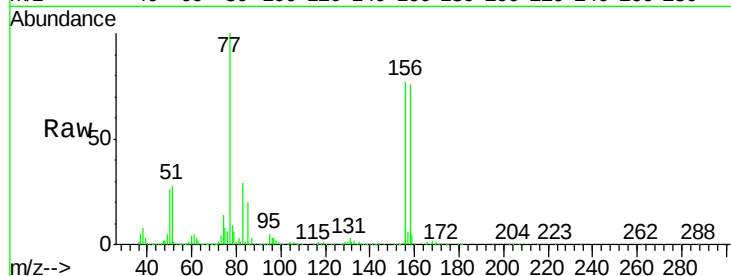
Tot Ion:156 Resp: 315576

Ion Ratio Lower Upper

156 100

77 134.3 68.0 204.0

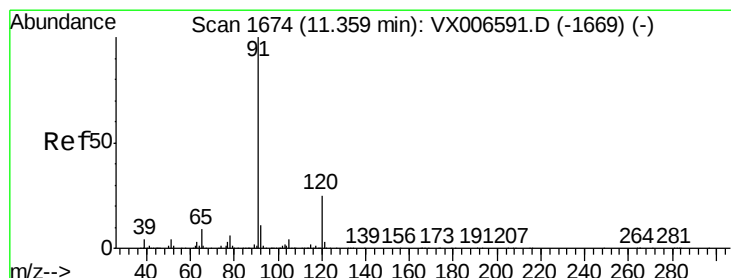
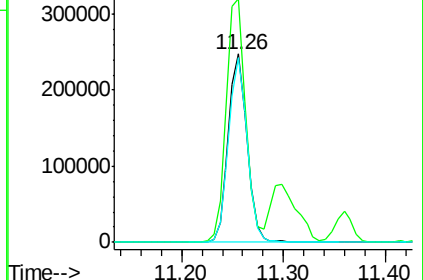
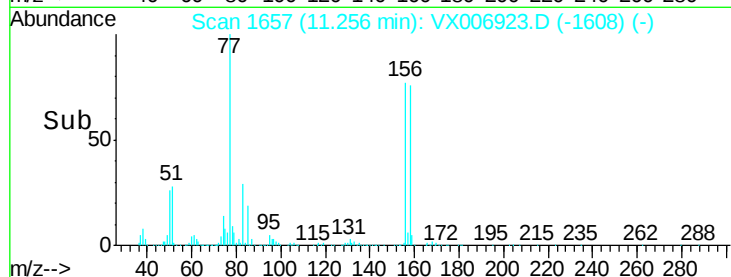
158 96.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.572 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006923.D

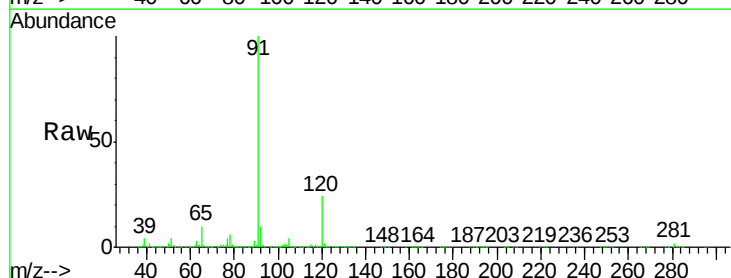
Acq: 04 Jan 2019 19:38

Tgt Ion: 91 Resp: 1271897

Ion Ratio Lower Upper

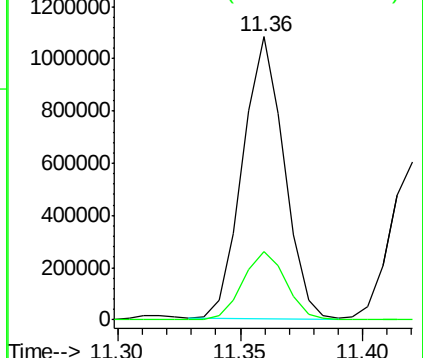
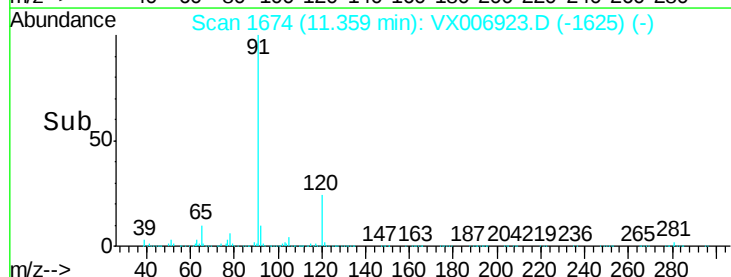
91 100

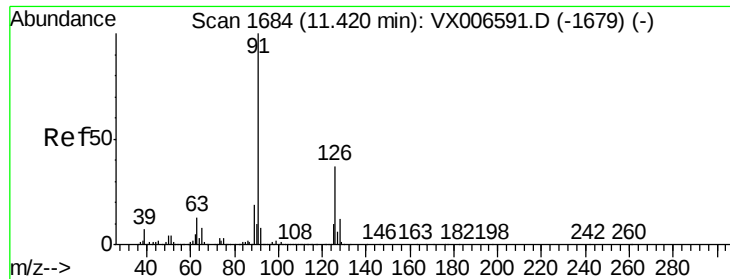
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.091 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

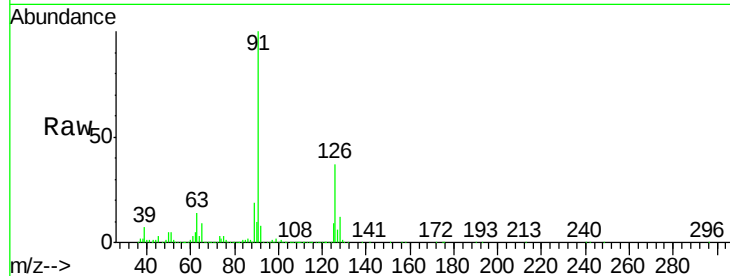
VSTDCCC050EC

Tot Ion: 91 Resp: 747280

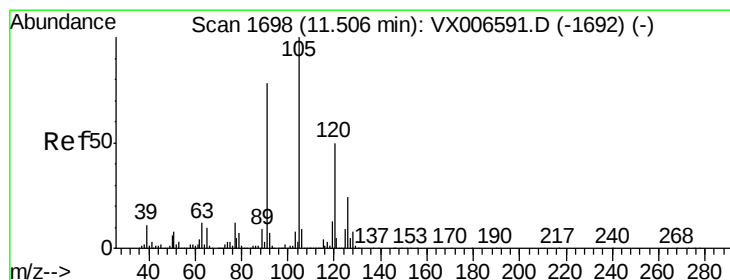
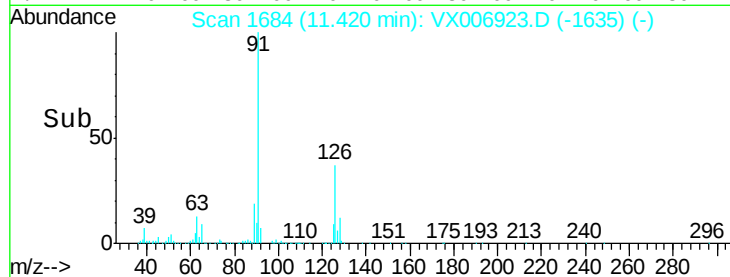
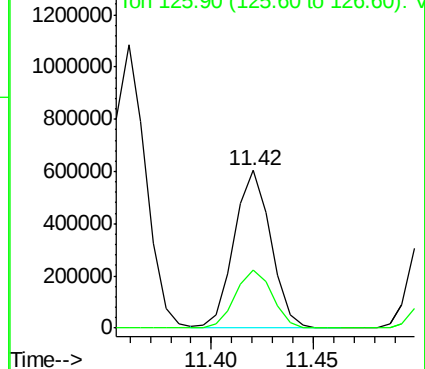
Ion Ratio Lower Upper

91 100

126 37.7 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.806 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006923.D

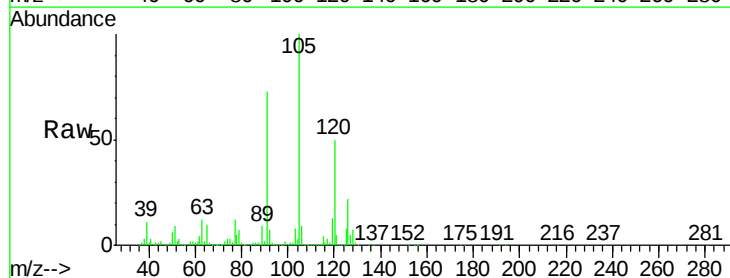
Acq: 04 Jan 2019 19:38

Tgt Ion: 105 Resp: 955906

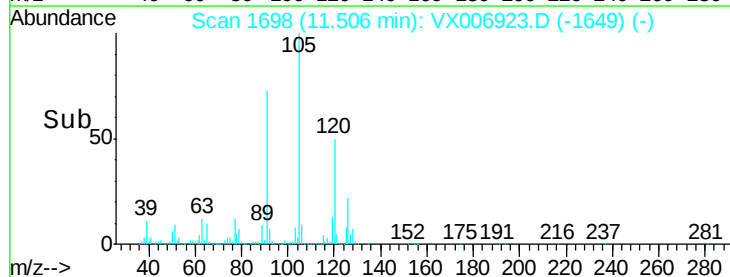
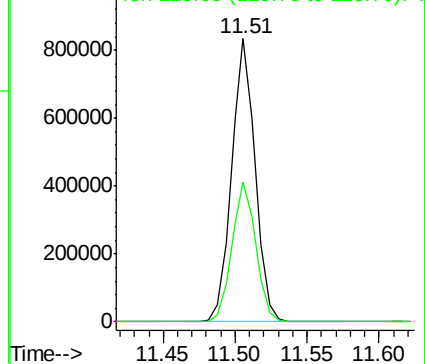
Ion Ratio Lower Upper

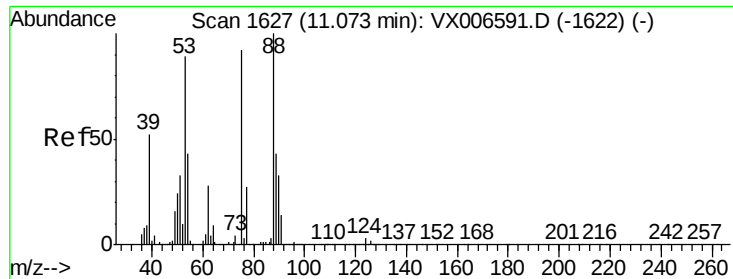
105 100

120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.803 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

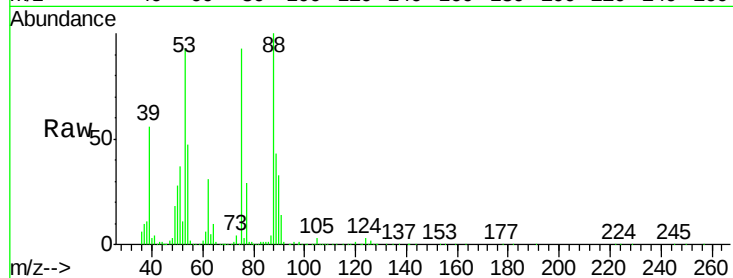
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 98717

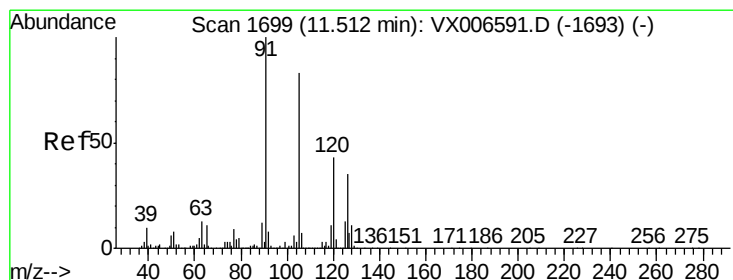
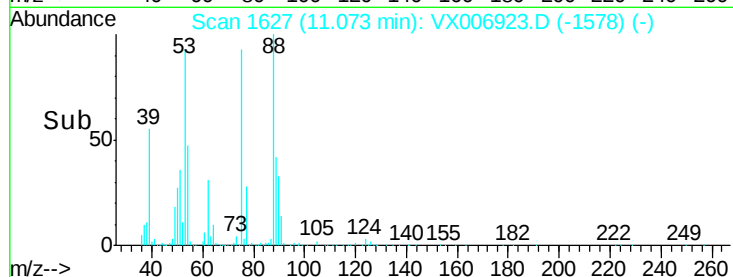
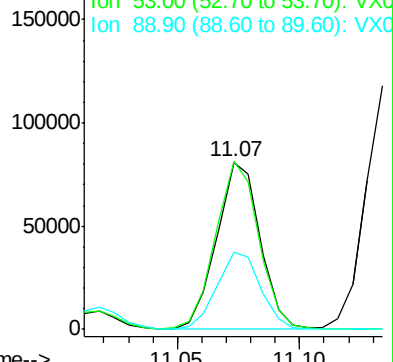
Ion	Ratio	Lower	Upper
75	100		
53	101.3	79.7	119.5
89	47.6	38.0	57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.022 ug/l

RT: 11.51 min Scan# 1699

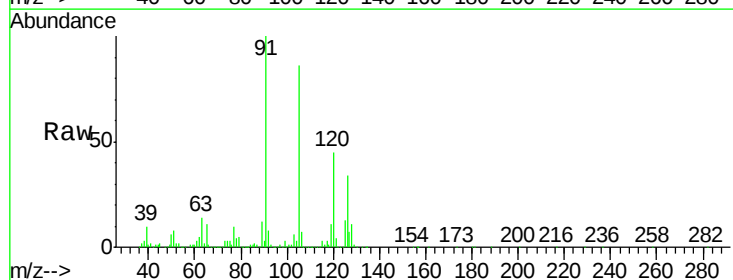
Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

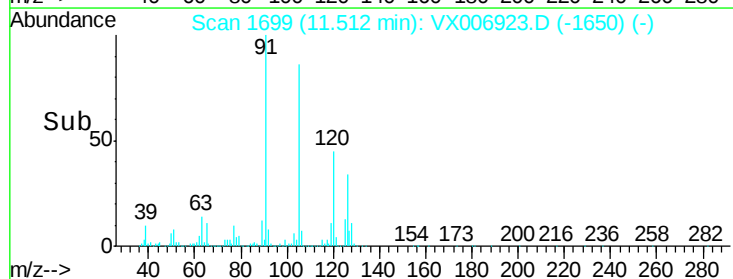
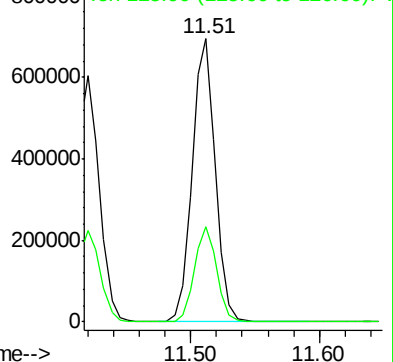
Tgt Ion: 91 Resp: 874114

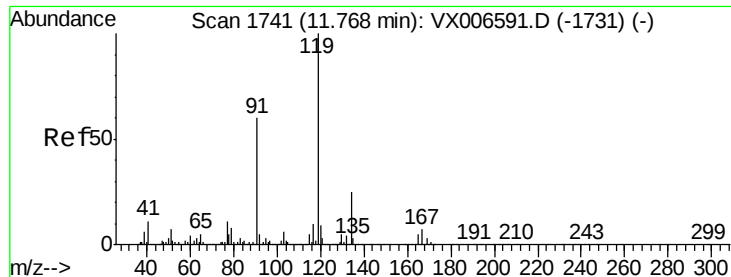
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

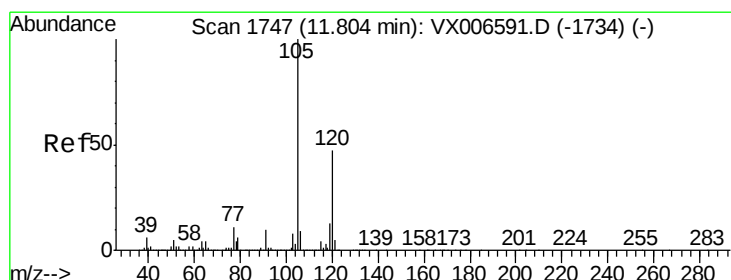
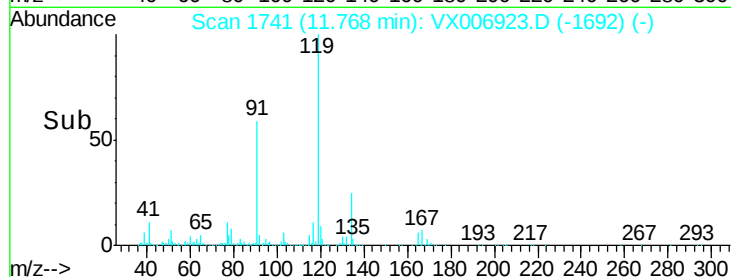
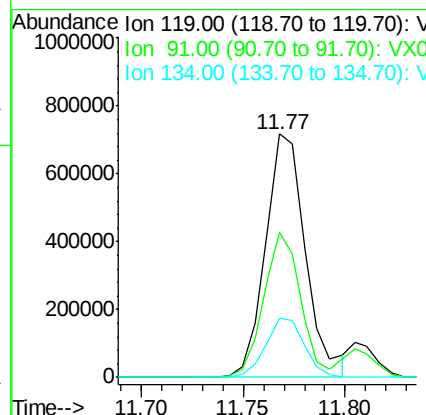
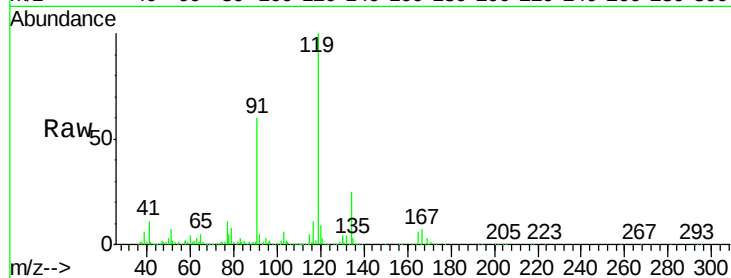




#83
tert-Butylbenzene
Concen: 50.120 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

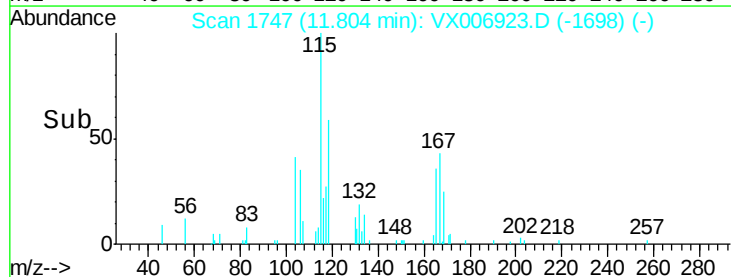
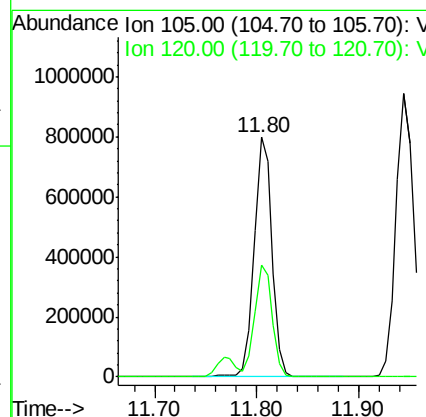
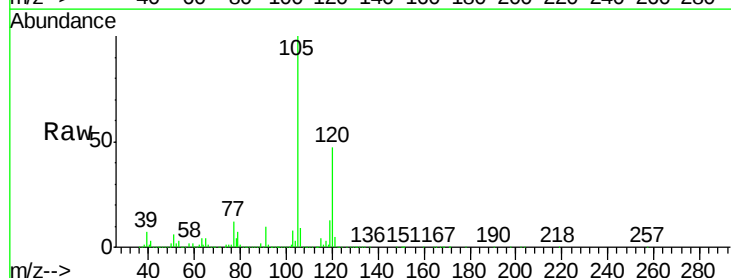
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 982487
Ion Ratio Lower Upper
119 100
91 54.6 27.7 83.1
134 23.6 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 47.339 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion:105 Resp: 975250
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.002 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

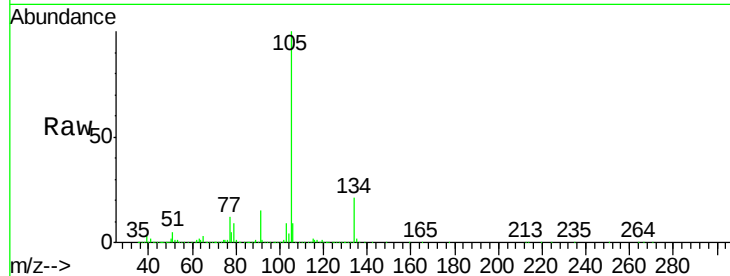
VSTDCCC050EC

Tot Ion:105 Resp: 1153676

Ion Ratio Lower Upper

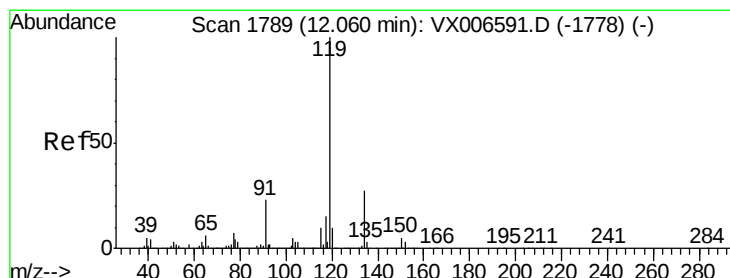
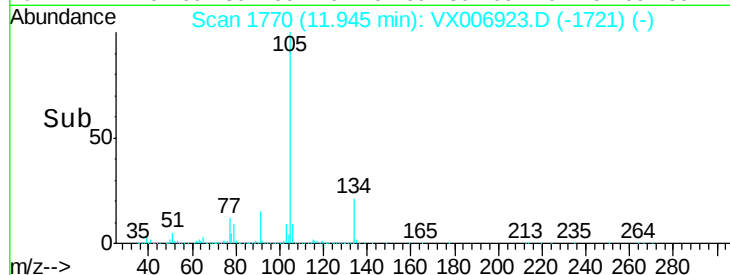
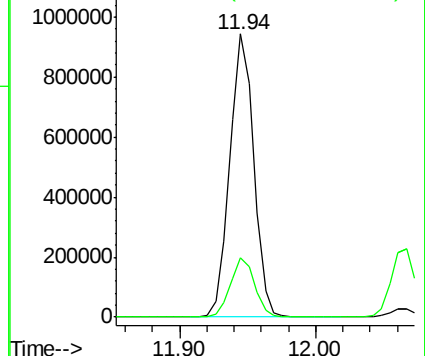
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.794 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

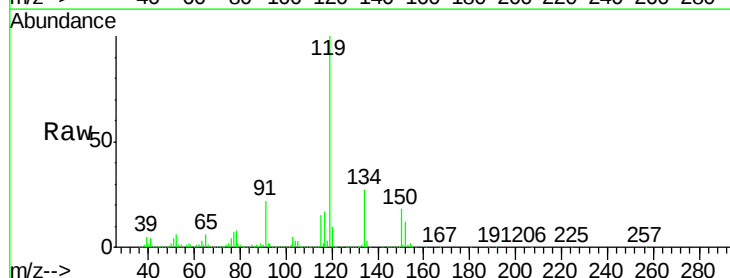
Tgt Ion:119 Resp: 1030857

Ion Ratio Lower Upper

119 100

134 27.0 14.0 41.9

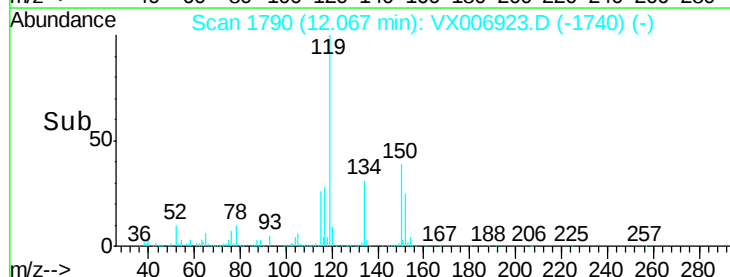
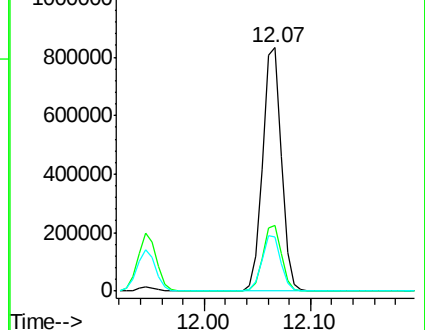
91 22.8 11.3 33.9

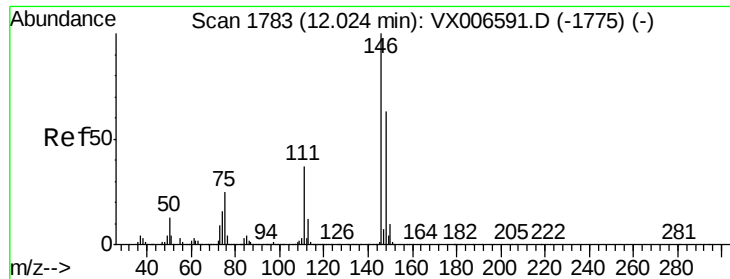


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

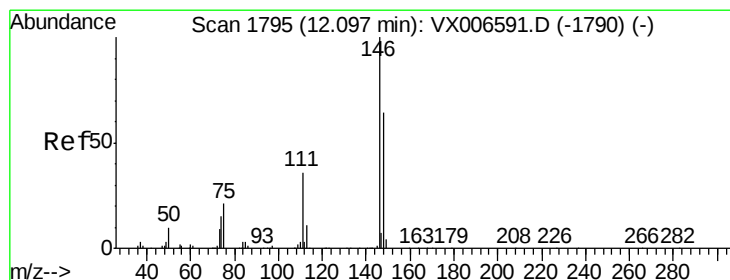
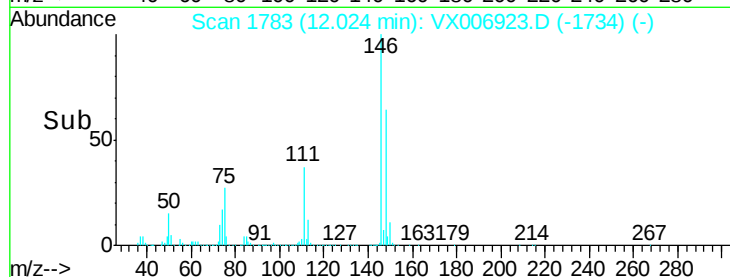
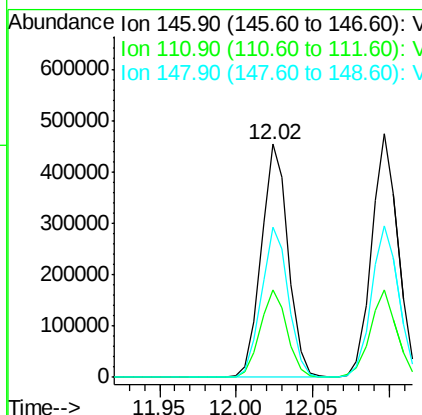
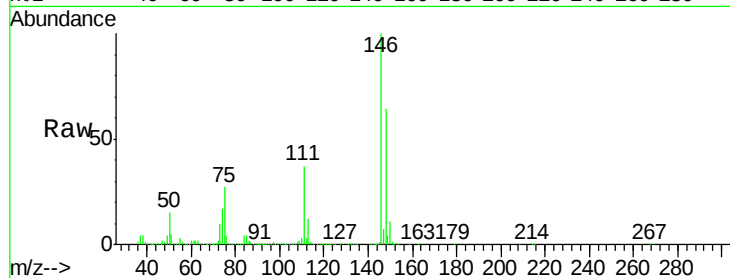




#87
 1,3-Dichlorobenzene
 Concen: 48.057 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

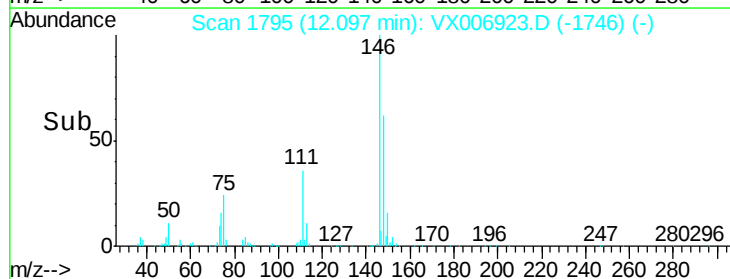
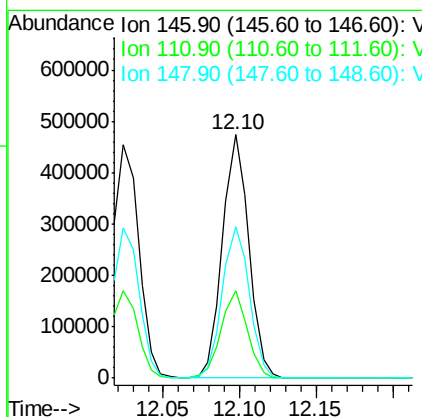
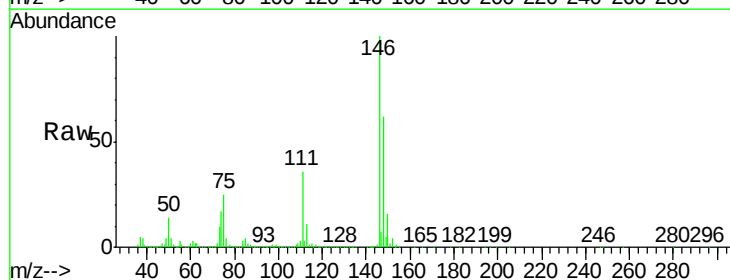
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

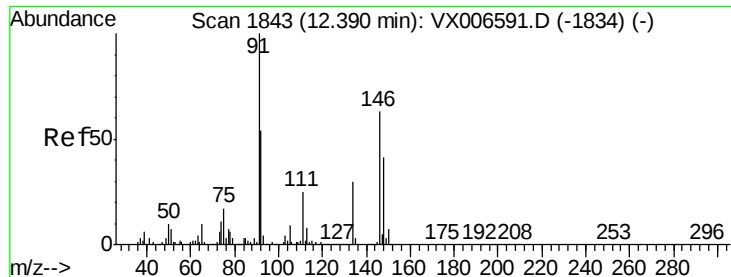
Tot Ion:146 Resp: 556800
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.630 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion:146 Resp: 565731
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 64.2 31.9 95.9

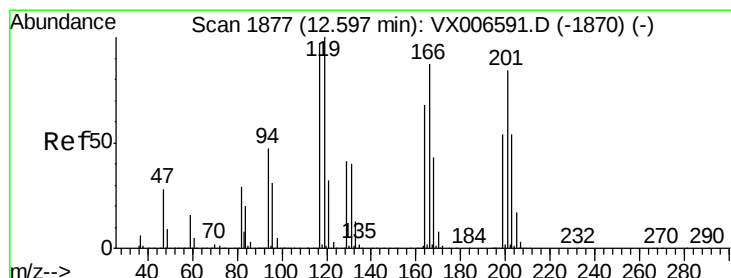
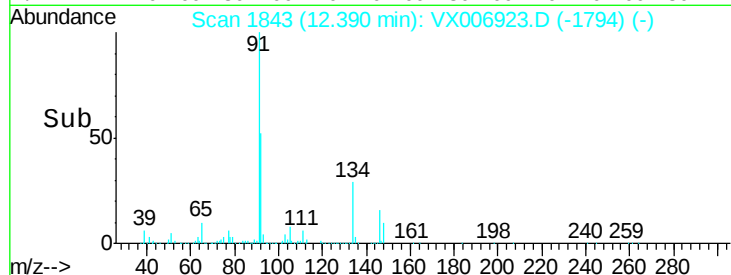
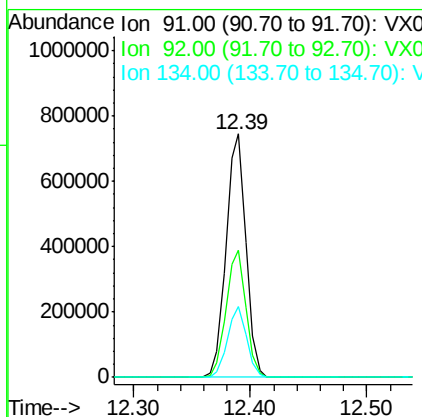
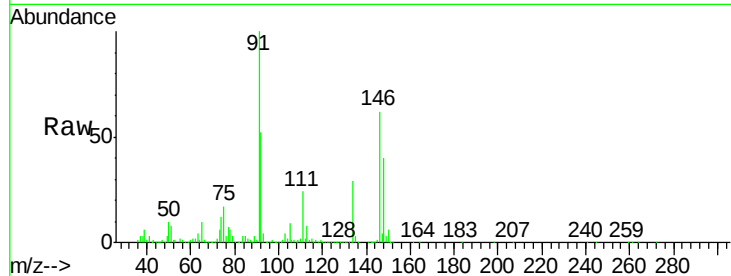




#89
n-Butylbenzene
Concen: 48.766 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

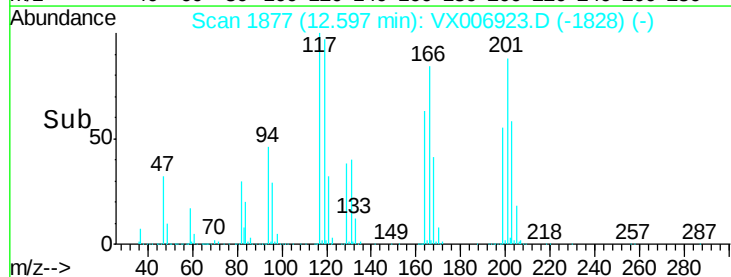
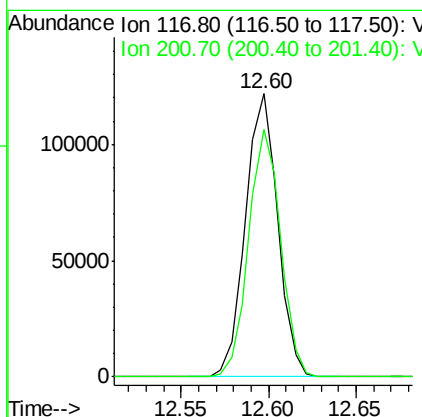
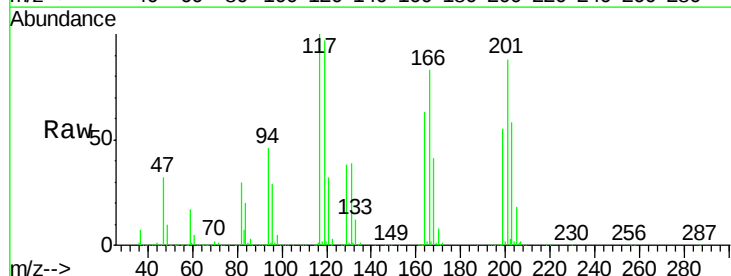
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 876804
Ion Ratio Lower Upper
91 100
92 52.0 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 47.415 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 117 Resp: 156173
Ion Ratio Lower Upper
117 100
201 86.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.864 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

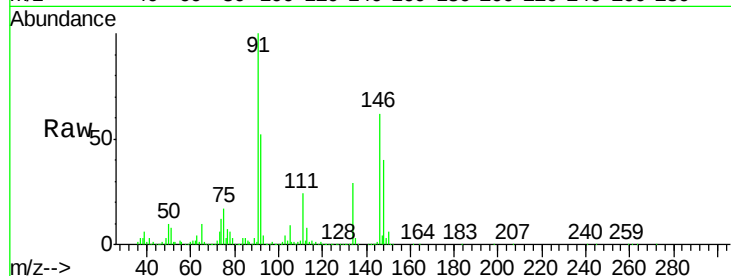
Tot Ion:146 Resp: 566351

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

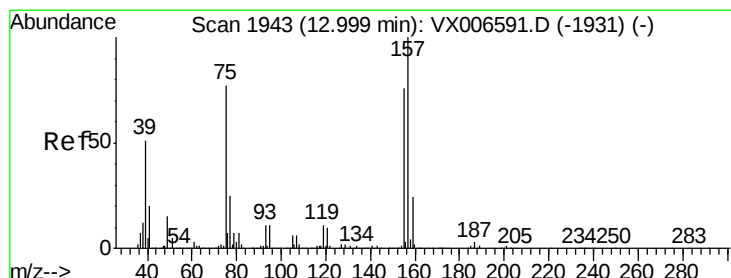
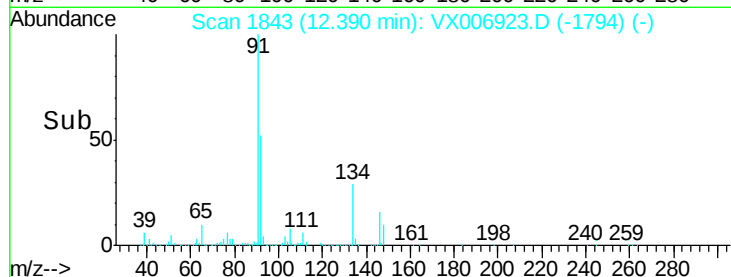
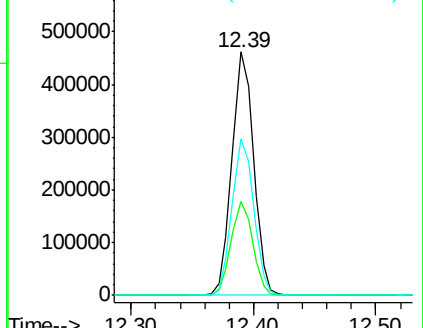
148 64.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.559 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

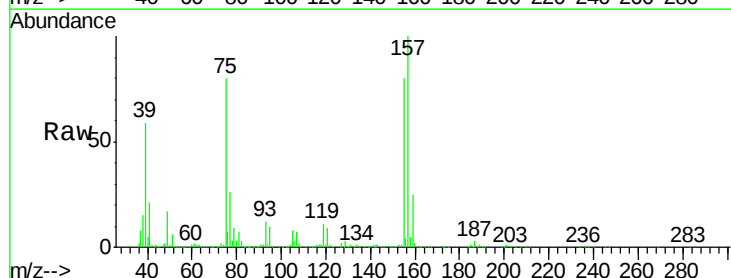
Tgt Ion: 75 Resp: 76909

Ion Ratio Lower Upper

75 100

155 100.9 50.6 151.8

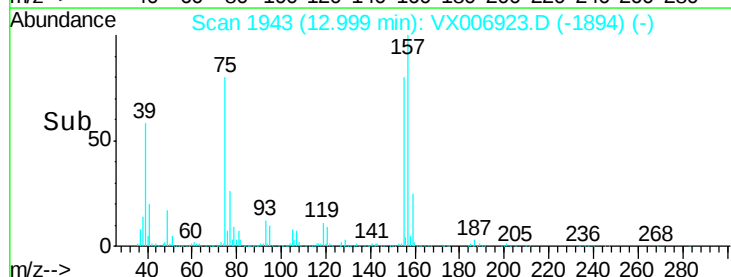
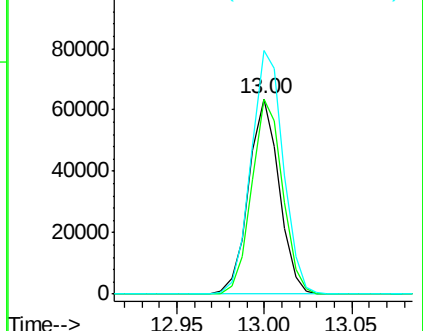
157 132.0 64.6 193.8

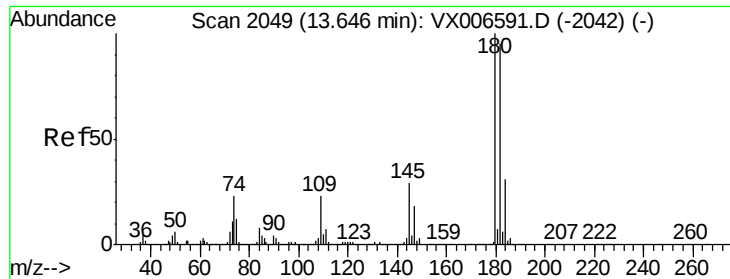


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

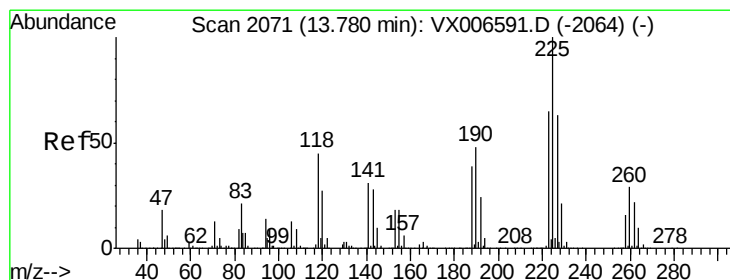
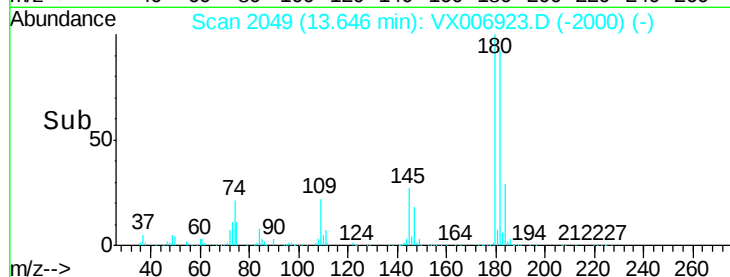
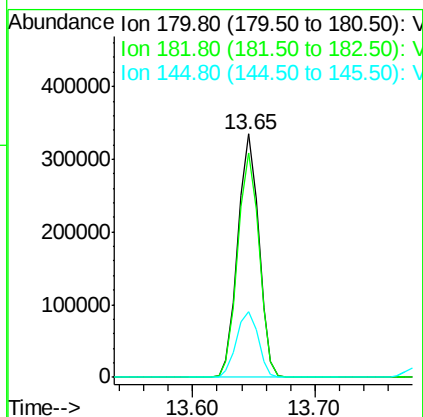
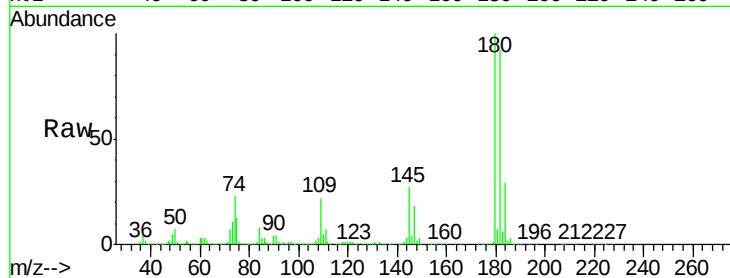




#93
 1,2,4-Trichlorobenzene
 Concen: 49.504 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

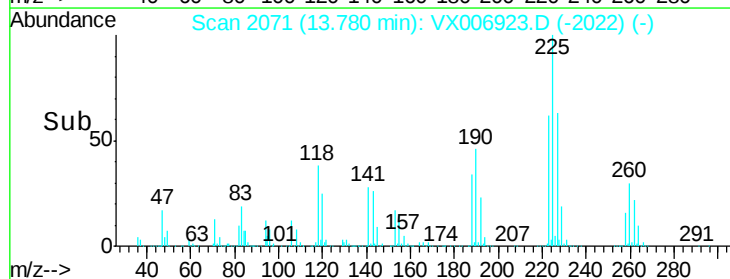
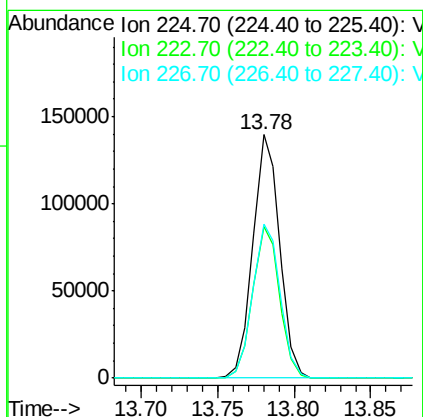
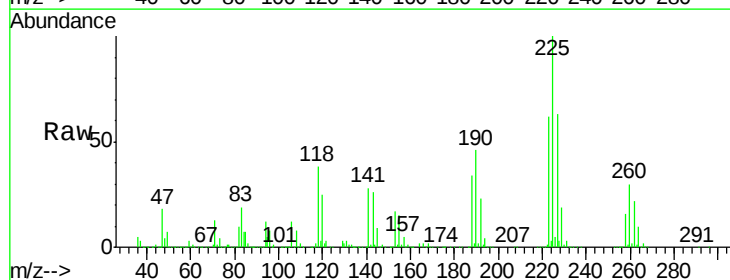
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

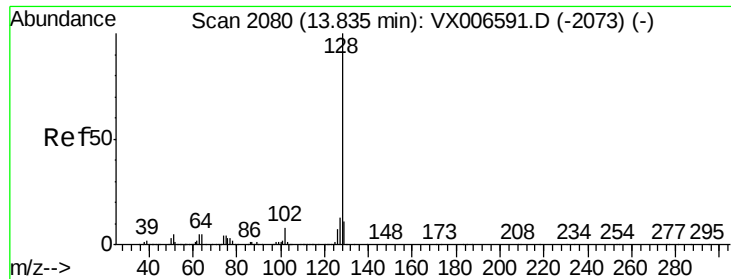
Tot Ion:180 Resp: 395777
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 142.0
 145 28.2 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 45.024 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion:225 Resp: 169665
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.1 96.3
 227 64.6 32.3 96.8





#95

Naphthalene

Concen: 48.553 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

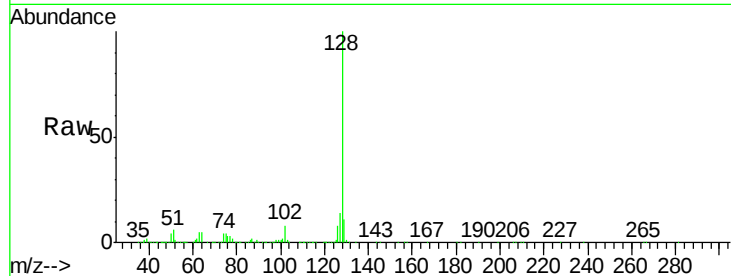
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1238934

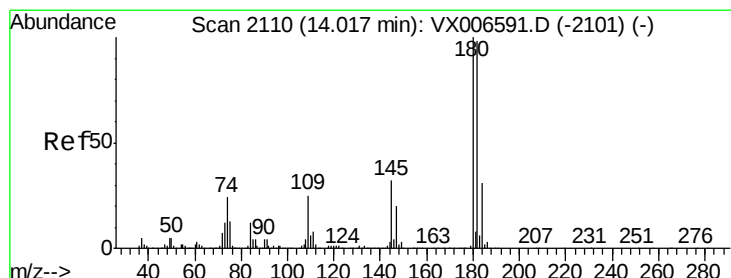
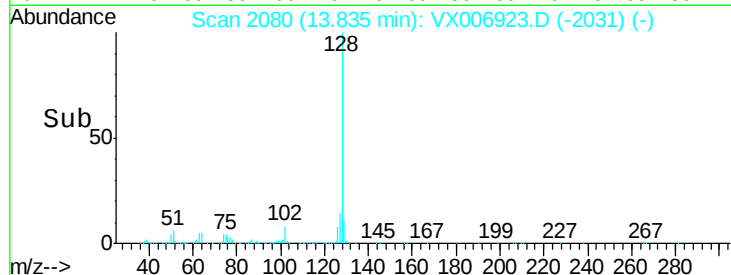
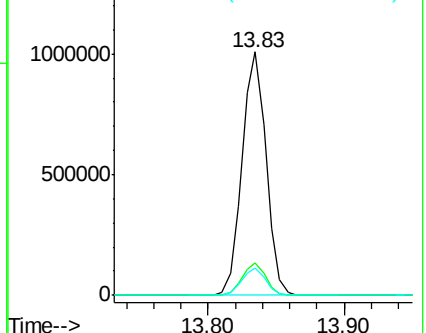
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.318 ug/l

RT: 14.02 min Scan# 2110

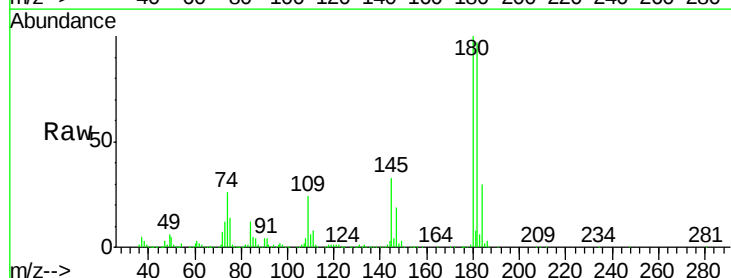
Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion:180 Resp: 390594

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.5
145	30.9	16.0	47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

