

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006979.D
 Acq On : 09 Jan 2019 21:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 10 01:00:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	563784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	757214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380667	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	287322	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	5.51	113	263269	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	962414	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	334420	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	249594	53.911	ug/l	98
3) Chloromethane	1.33	50	272509	50.561	ug/l	98
4) Vinyl Chloride	1.41	62	289795	49.985	ug/l	98
5) Bromomethane	1.64	94	276043	44.564	ug/l	96
6) Chloroethane	1.71	64	186265	46.012	ug/l	96
7) Trichlorofluoromethane	1.93	101	469169	50.084	ug/l	99
8) Diethyl Ether	2.19	74	181986	48.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	262718	46.844	ug/l	99
10) Methyl Iodide	2.51	142	414088	54.736	ug/l	100
11) Tert butyl alcohol	3.08	59	306927	220.828	ug/l	100
12) 1,1-Dichloroethene	2.37	96	255789	49.365	ug/l	98
13) Acrolein	2.30	56	141711	236.575	ug/l	97
14) Allyl chloride	2.73	41	427731	48.166	ug/l	98
15) Acrylonitrile	3.15	53	805973	252.602	ug/l	100
16) Acetone	2.45	43	677282	232.517	ug/l	100
17) Carbon Disulfide	2.57	76	627288	47.021	ug/l	100
18) Methyl Acetate	2.78	43	481531	57.085	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	893041	49.656	ug/l	100
20) Methylene Chloride	2.85	84	284782	51.419	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	275904	47.781	ug/l	96
22) Diisopropyl ether	3.87	45	825195	49.428	ug/l	96
23) Vinyl Acetate	3.82	43	3445397	244.717	ug/l	99
24) 1,1-Dichloroethane	3.70	63	460084	49.285	ug/l	100
25) 2-Butanone	4.70	43	1019487	244.608	ug/l	100
26) 2,2-Dichloropropane	4.59	77	309068	43.055	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	307891	48.340	ug/l	99
28) Bromochloromethane	5.02	49	203573	49.773	ug/l	96
29) Tetrahydrofuran	5.15	42	674218	248.920	ug/l	97
30) Chloroform	5.21	83	490247	50.159	ug/l	99
31) Cyclohexane	5.57	56	408146	49.123	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	417248	50.365	ug/l	99
36) 1,1-Dichloropropene	5.80	75	348388	47.468	ug/l	99
37) Ethyl Acetate	4.85	43	390919	49.681	ug/l	98
38) Carbon Tetrachloride	5.78	117	363902	49.281	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	435731	46.569	ug/l	99
40) Benzene	6.15	78	1086282	48.506	ug/l	99
41) Methacrylonitrile	5.06	41	215984	47.648	ug/l	99
42) 1,2-Dichloroethane	6.20	62	370601	47.889	ug/l	99
43) Isopropyl Acetate	6.46	43	624396	50.308	ug/l	98
44) Trichloroethene	7.21	130	315951	47.081	ug/l	98
45) 1,2-Dichloropropane	7.51	63	279222	49.594	ug/l	100
46) Dibromomethane	7.66	93	195733	49.467	ug/l	97
47) Bromodichloromethane	7.90	83	347558	51.604	ug/l	97
48) Methyl methacrylate	7.77	41	320963	50.357	ug/l	98
49) 1,4-Dioxane	7.75	88	122349	839.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1996499	250.302	ug/l	99
52) Toluene	8.79	92	697121	48.432	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379152	50.768	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	422785	51.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	292498	50.769	ug/l	100
56) Ethyl methacrylate	9.18	69	425893	50.637	ug/l	96
57) 1,3-Dichloropropane	9.37	76	467629	49.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1067161	246.774	ug/l	99
59) 2-Hexanone	9.49	43	1494429	245.858	ug/l	99
60) Dibromochloromethane	9.59	129	303758	54.297	ug/l	98
61) 1,2-Dibromoethane	9.67	107	317320	50.030	ug/l	100
64) Tetrachloroethene	9.34	164	303404	46.281	ug/l	98
65) Chlorobenzene	10.14	112	796113	48.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	287849	51.811	ug/l	100
67) Ethyl Benzene	10.25	91	1332047	48.856	ug/l	97
68) m/p-Xylenes	10.36	106	1040439	96.858	ug/l	100
69) o-Xylene	10.70	106	507957	48.488	ug/l	98
70) Styrene	10.71	104	824905	49.718	ug/l	100
71) Bromoform	10.86	173	219918	44.788	ug/l	99
73) Isopropylbenzene	11.02	105	1337025	49.810	ug/l	98
74) N-amyl acetate	10.90	43	544749	50.406	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	420983	49.402	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	476831	61.813	ug/l	89
77) Bromobenzene	11.26	156	360340	48.720	ug/l	99
78) n-propylbenzene	11.36	91	1490862	50.594	ug/l	99
79) 2-Chlorotoluene	11.42	91	863369	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1108868	49.439	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112247	44.373	ug/l	99
82) 4-Chlorotoluene	11.51	91	1013587	49.352	ug/l	99
83) tert-Butylbenzene	11.77	119	1128830	50.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1128867	50.051	ug/l	100
85) sec-Butylbenzene	11.94	105	1329283	49.739	ug/l	100
86) p-Isopropyltoluene	12.07	119	1189171	49.746	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	639510	47.838	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	640966	50.603	ug/l	99
89) n-Butylbenzene	12.39	91	1009532	49.540	ug/l	99
90) Hexachloroethane	12.60	117	184229	48.375	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	636710	48.263	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	88142	52.299	ug/l	99

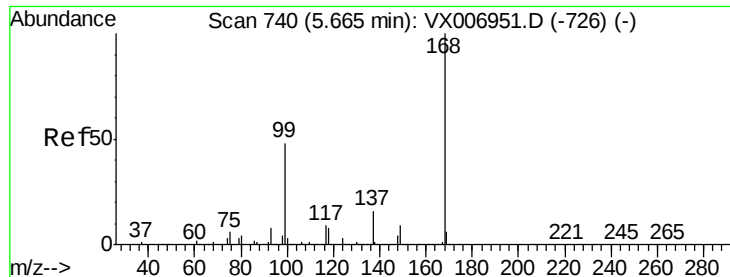
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	440685	48.689	ug/l	99
94) Hexachlorobutadiene	13.78	225	195685	48.720	ug/l	99
95) Naphthalene	13.83	128	1378136	50.248	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	436289	48.524	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

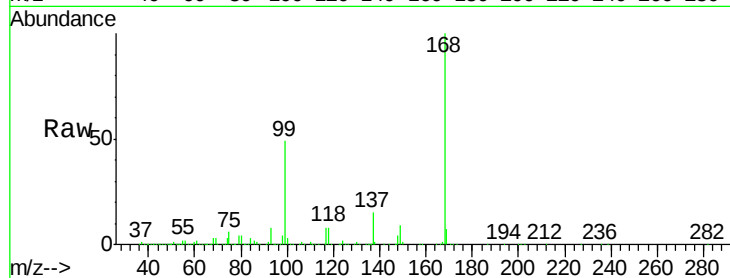
VSTDCCC050EC

Tot Ion:168 Resp: 563784

Ion Ratio Lower Upper

168 100

99 48.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

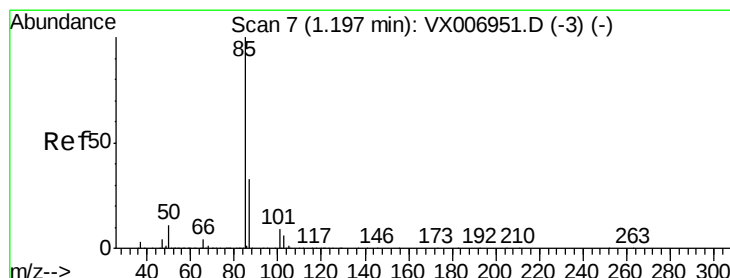
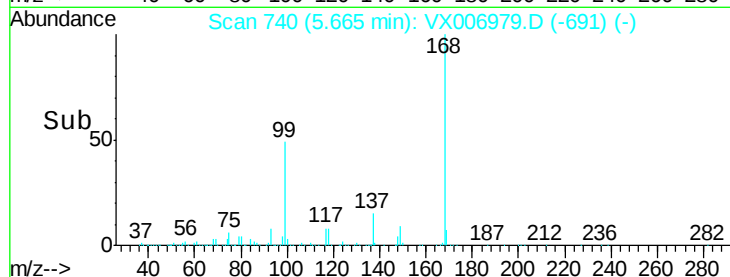
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.911 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006979.D

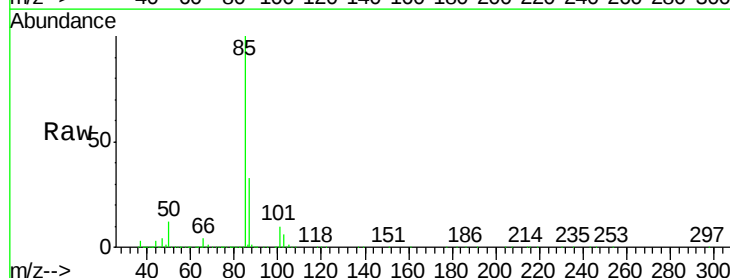
Acq: 09 Jan 2019 21:26

Tgt Ion: 85 Resp: 249594

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

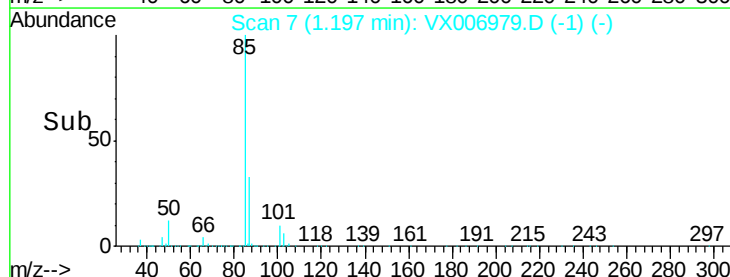
150000

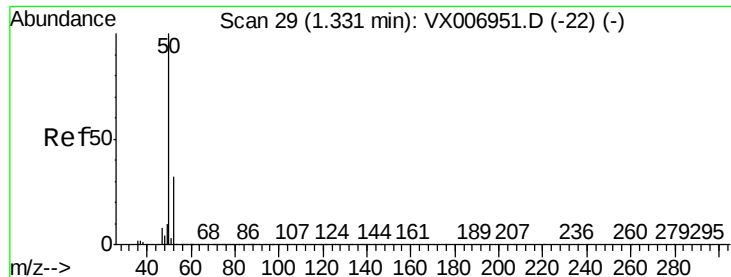
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 50.561 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

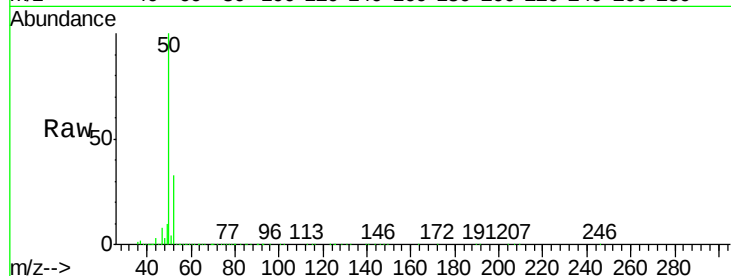
VSTDCCC050EC

Tot Ion: 50 Resp: 272509

Ion Ratio Lower Upper

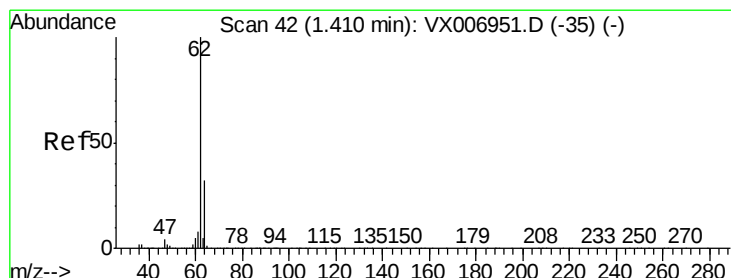
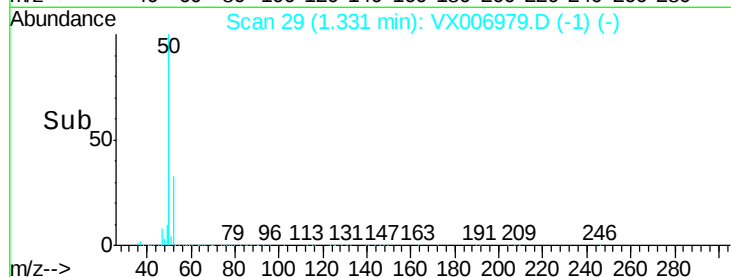
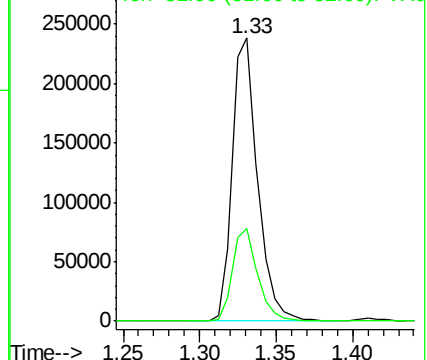
50 100

52 32.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.985 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006979.D

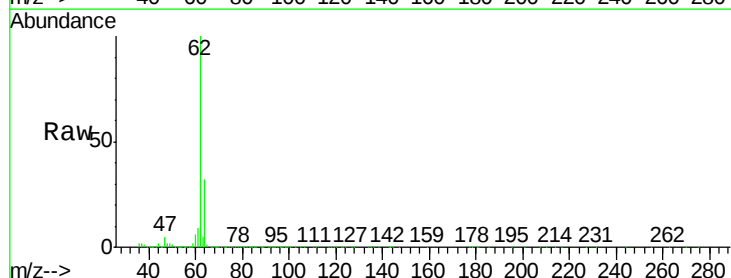
Acq: 09 Jan 2019 21:26

Tgt Ion: 62 Resp: 289795

Ion Ratio Lower Upper

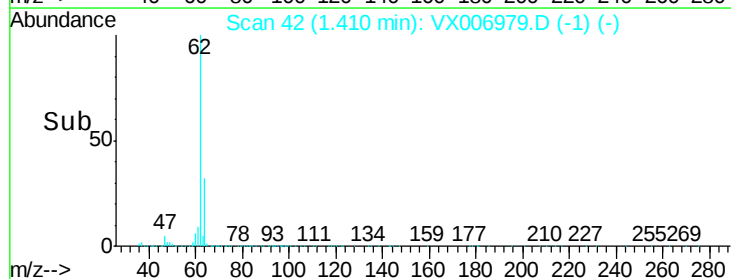
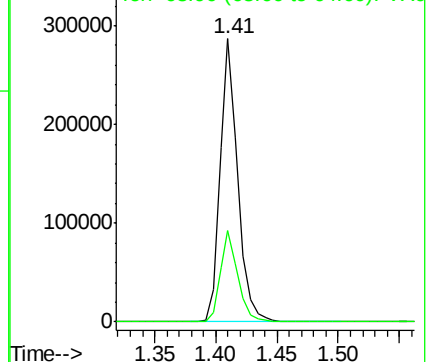
62 100

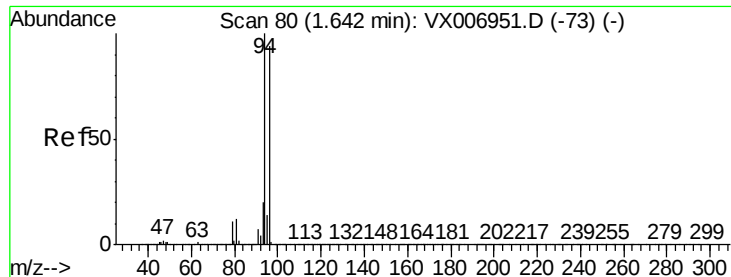
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.564 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

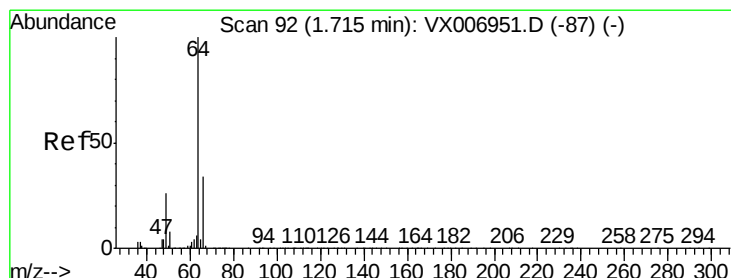
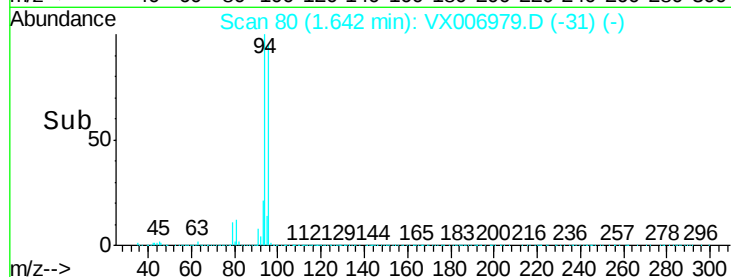
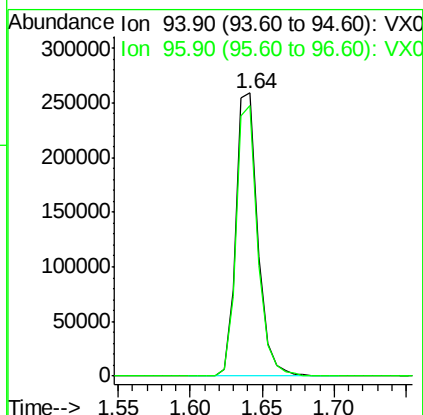
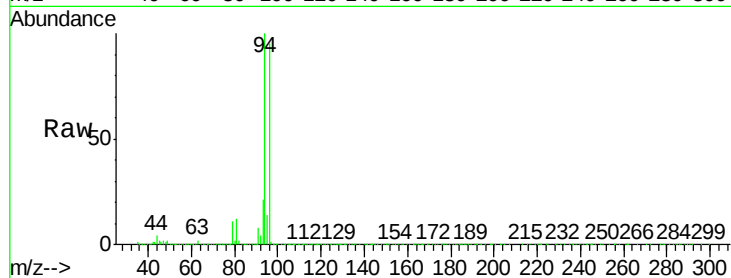
VSTDCCC050EC

Tot Ion: 94 Resp: 276043

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



#6

Chloroethane

Concen: 46.012 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006979.D

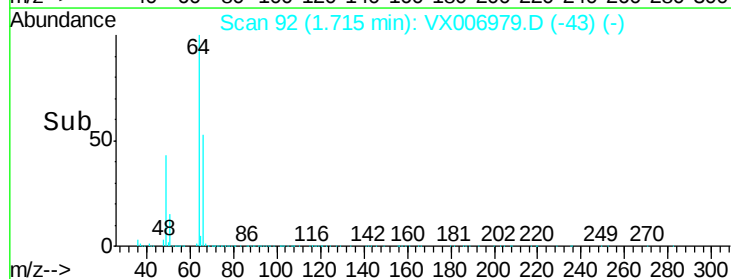
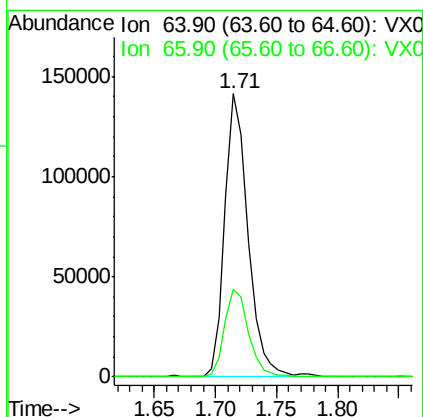
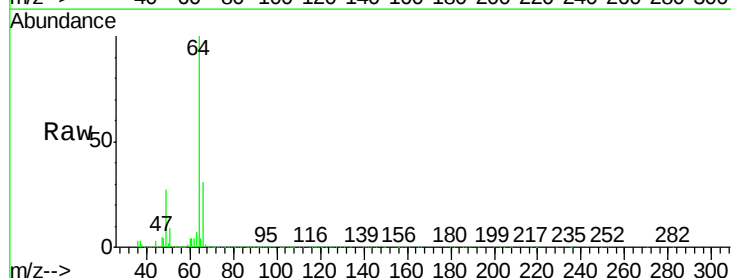
Acq: 09 Jan 2019 21:26

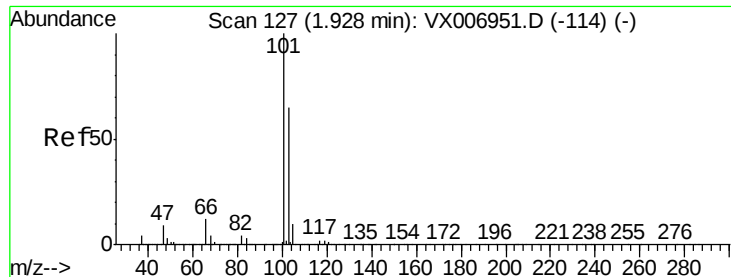
Tgt Ion: 64 Resp: 186265

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6



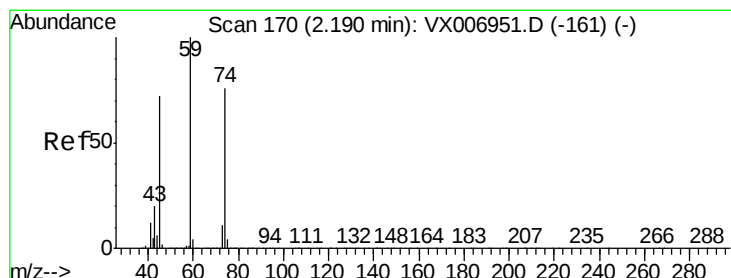
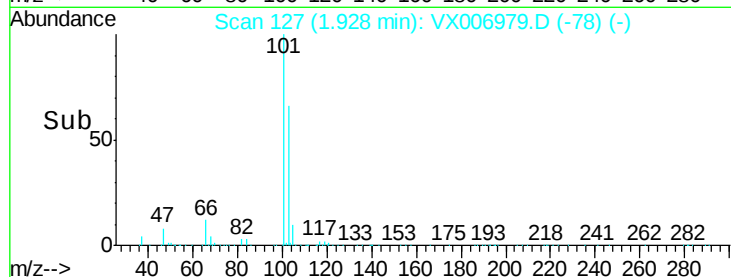
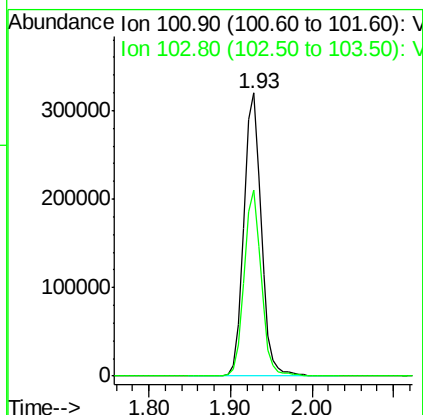
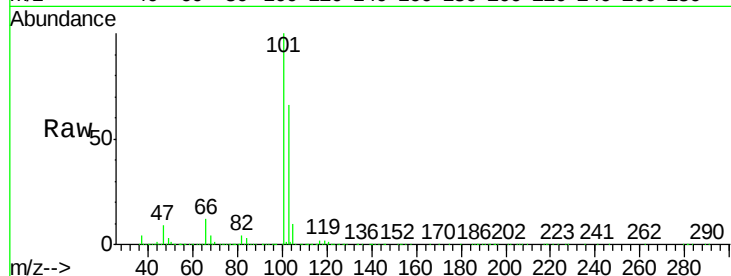


#7

Trichlorofluoromethane
Concen: 50.084 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
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VSTDCCC050EC

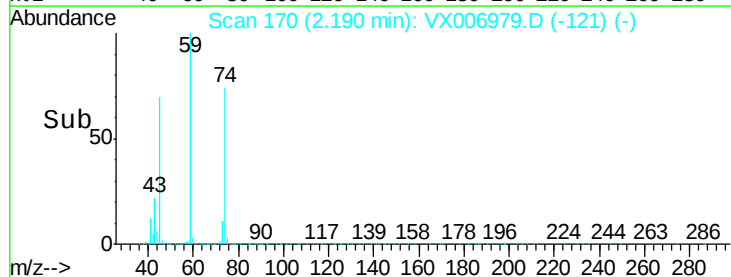
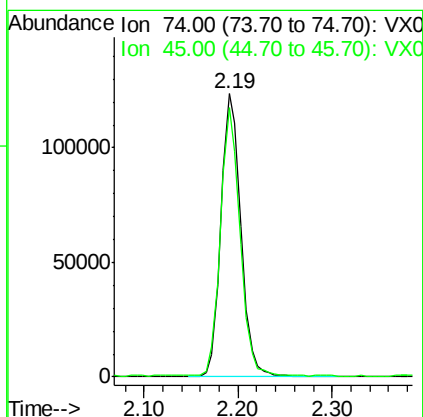
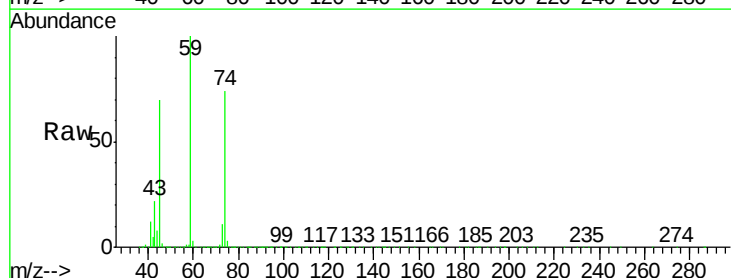
Tot Ion:101 Resp: 469169
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8

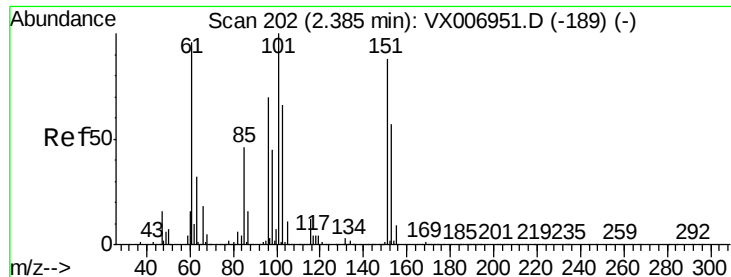


#8

Diethyl Ether
Concen: 48.831 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 74 Resp: 181986
Ion Ratio Lower Upper
74 100
45 92.6 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.844 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

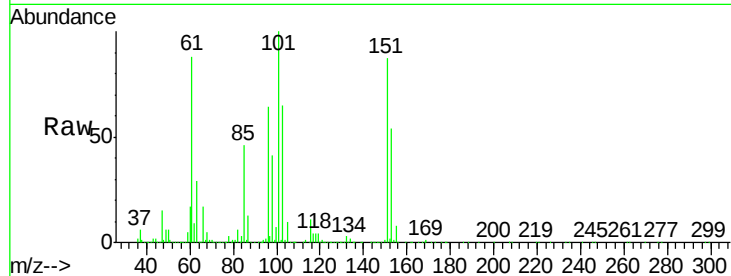
Tot Ion:101 Resp: 262718

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

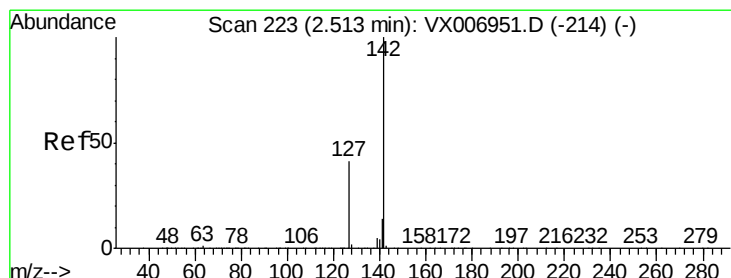
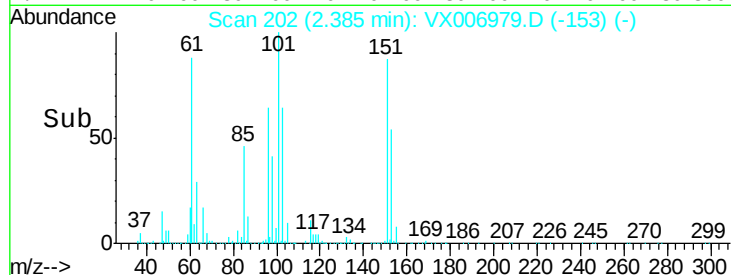
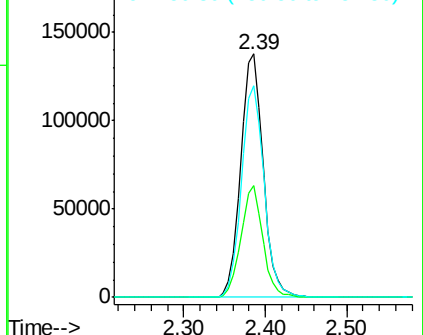
151 87.6 68.9 103.3



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: 54.736 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

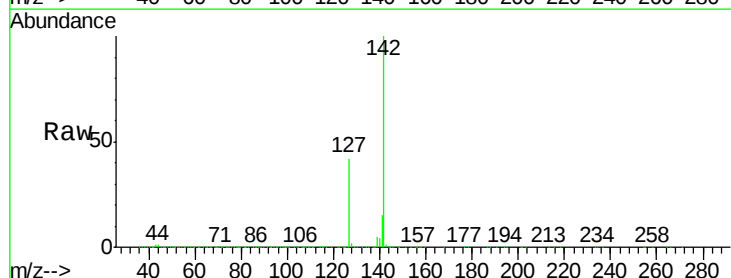
Tgt Ion:142 Resp: 414088

Ion Ratio Lower Upper

142 100

127 42.5 33.9 50.9

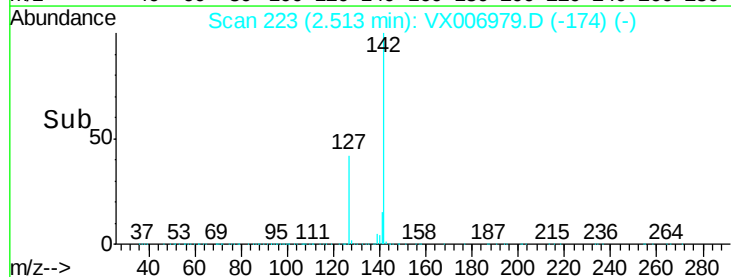
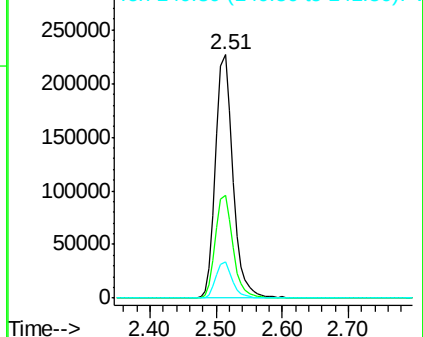
141 14.1 11.4 17.0

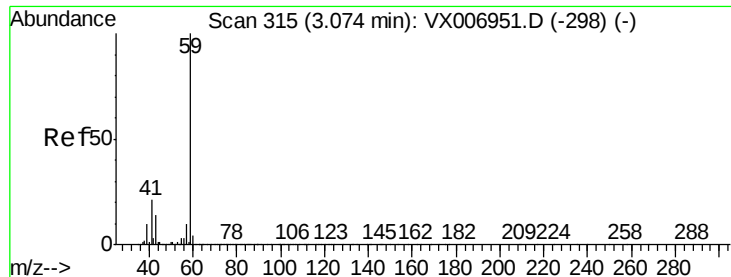


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



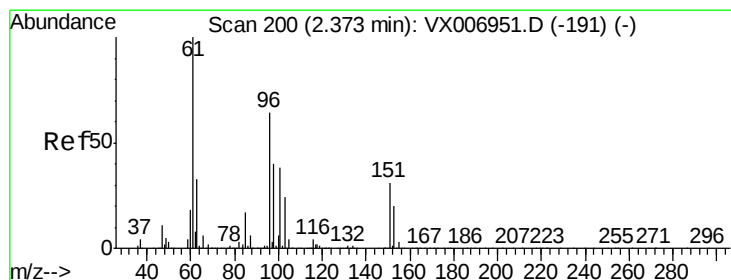
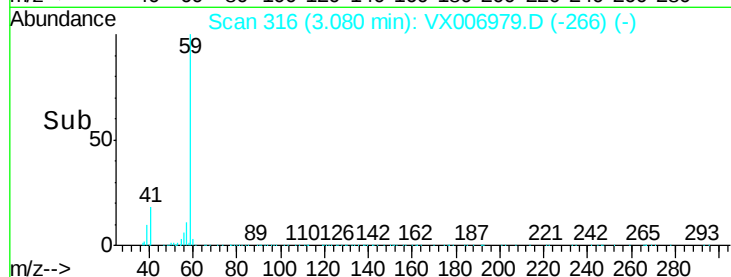
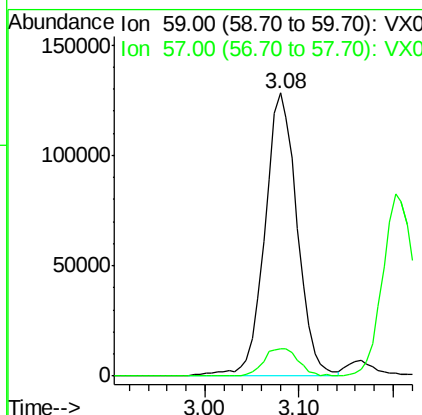
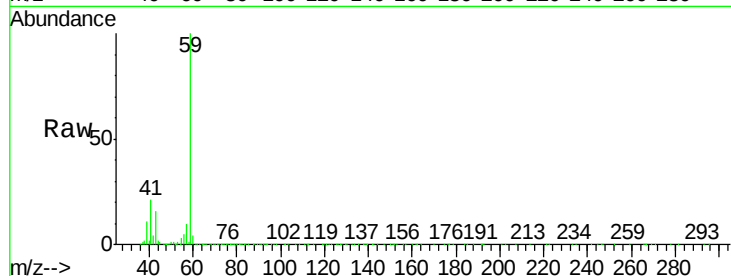


#11

Tert butyl alcohol
Concen: 220.828 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

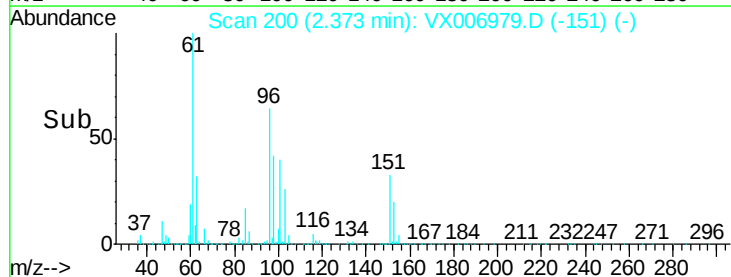
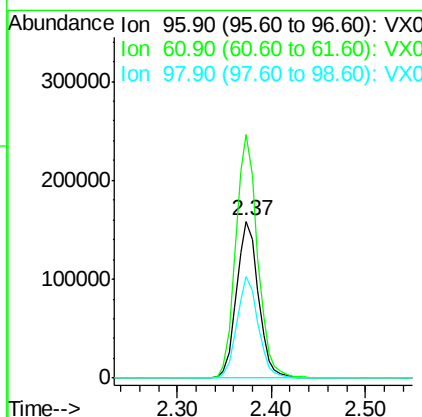
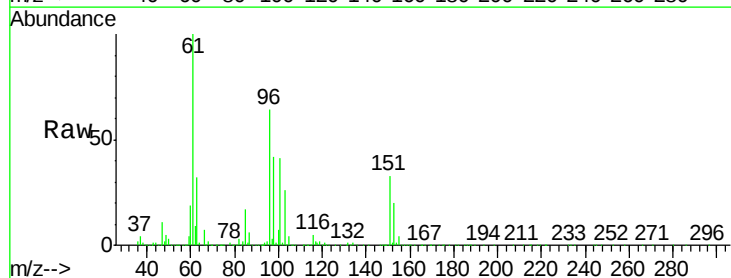
Tot Ion: 59 Resp: 306927
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

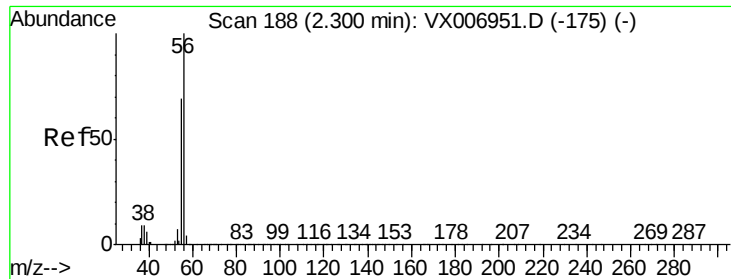


#12

1,1-Dichloroethene
Concen: 49.365 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 96 Resp: 255789
Ion Ratio Lower Upper
96 100
61 155.4 121.4 182.2
98 64.7 51.9 77.9





#13

Acrolein

Concen: 236.575 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

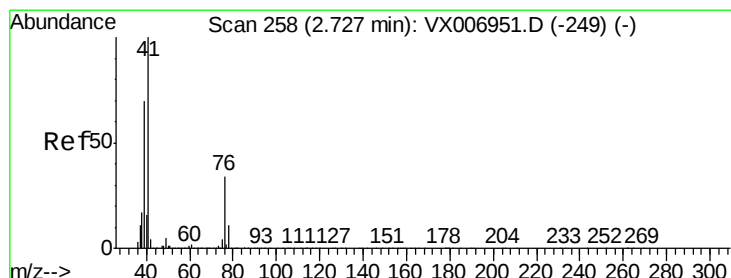
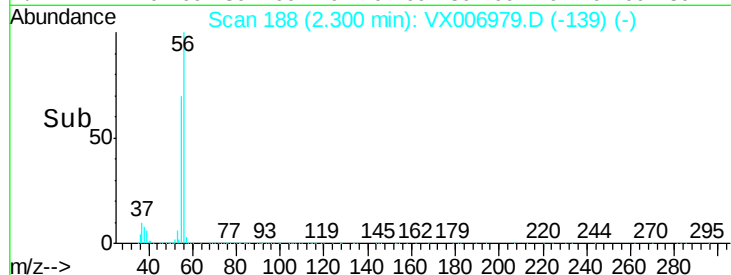
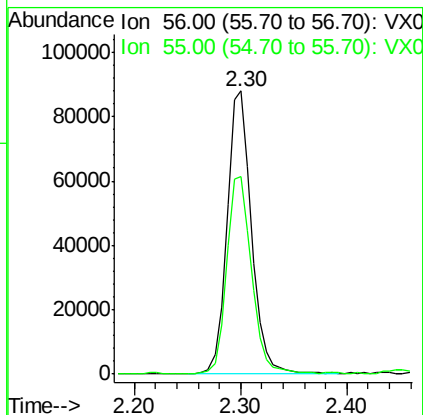
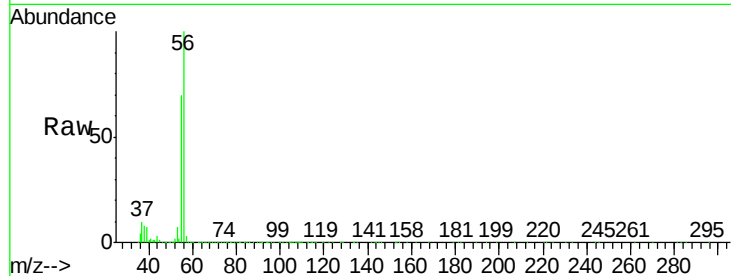
VSTDCCC050EC

Tot Ion: 56 Resp: 141711

Ion Ratio Lower Upper

56 100

55 70.4 58.2 87.4



#14

Allyl chloride

Concen: 48.166 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

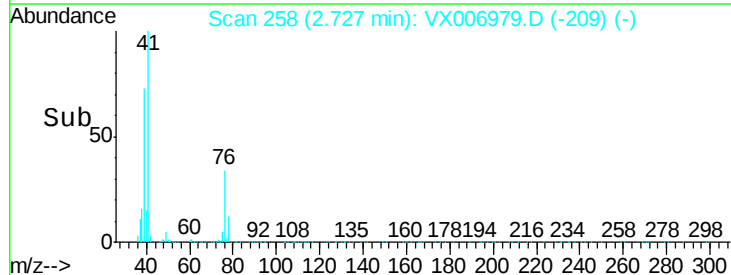
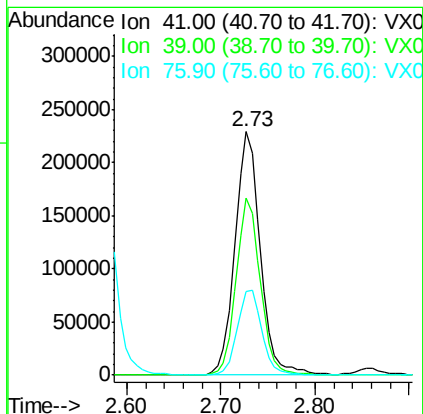
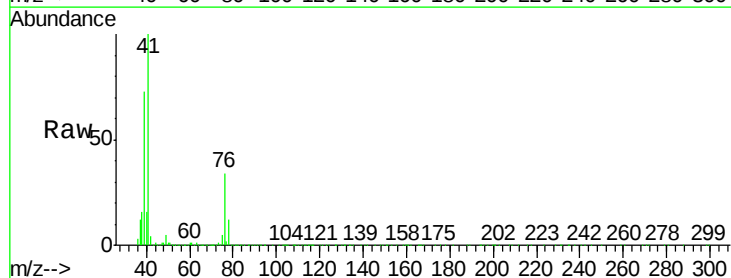
Tgt Ion: 41 Resp: 427731

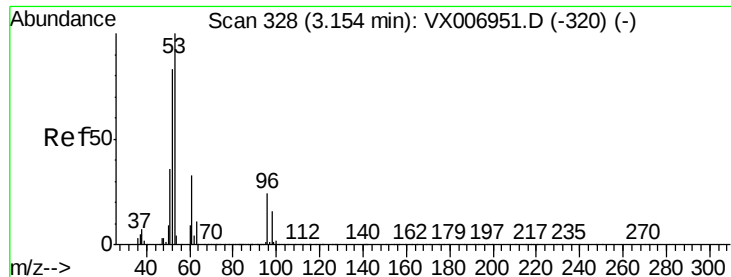
Ion Ratio Lower Upper

41 100

39 69.4 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 252.602 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

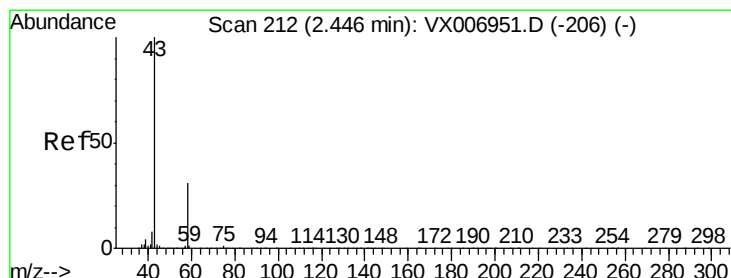
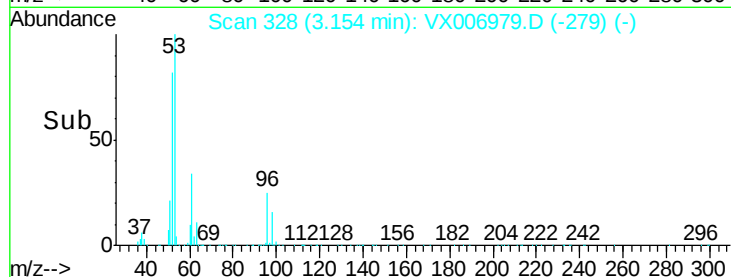
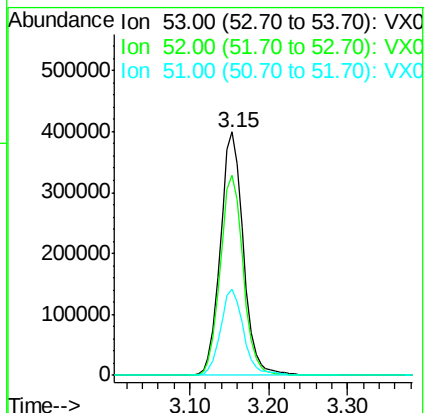
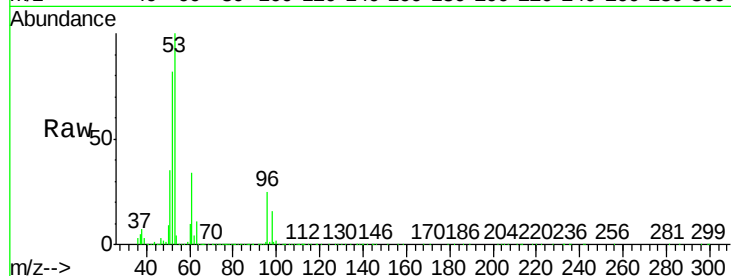
Tot Ion: 53 Resp: 805973

Ion Ratio Lower Upper

53 100

52 82.1 66.0 99.0

51 35.5 28.6 42.8



#16

Acetone

Concen: 232.517 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006979.D

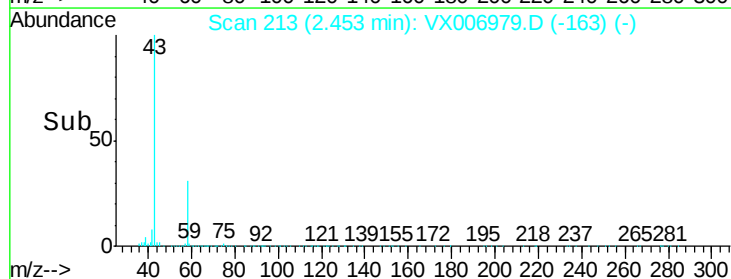
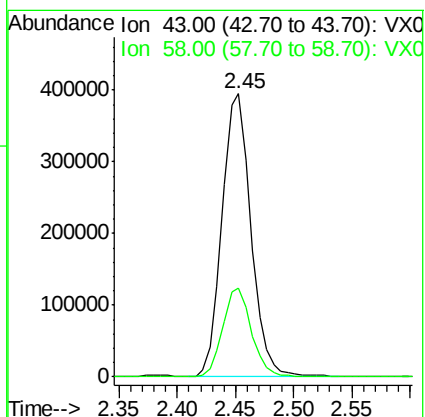
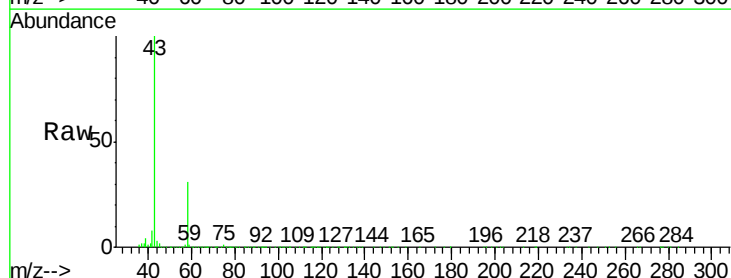
Acq: 09 Jan 2019 21:26

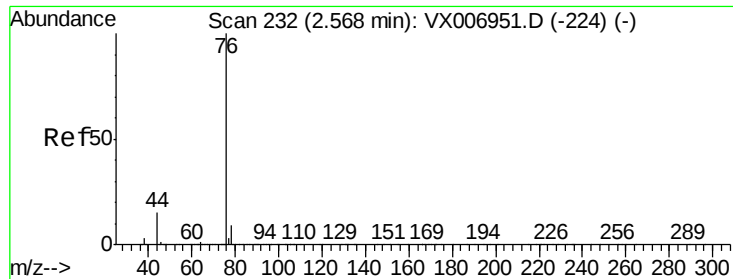
Tgt Ion: 43 Resp: 677282

Ion Ratio Lower Upper

43 100

58 31.4 25.0 37.6





#17

Carbon Disulfide

Concen: 47.021 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

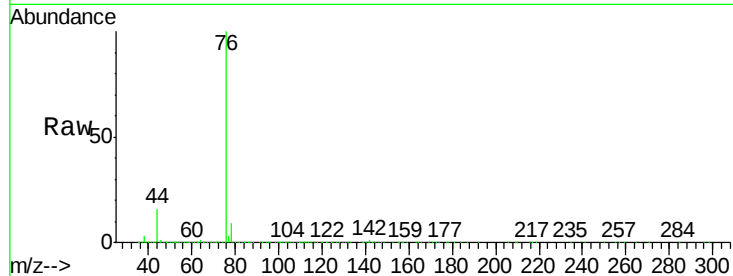
VSTDCCC050EC

Tot Ion: 76 Resp: 627288

Ion Ratio Lower Upper

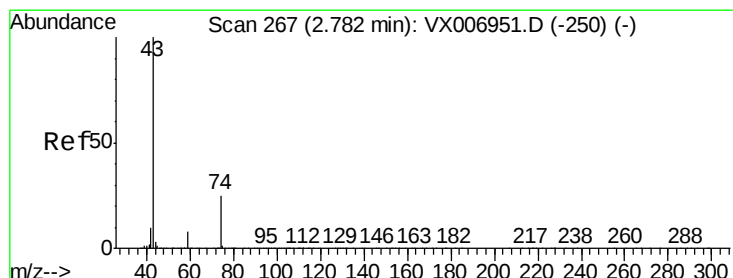
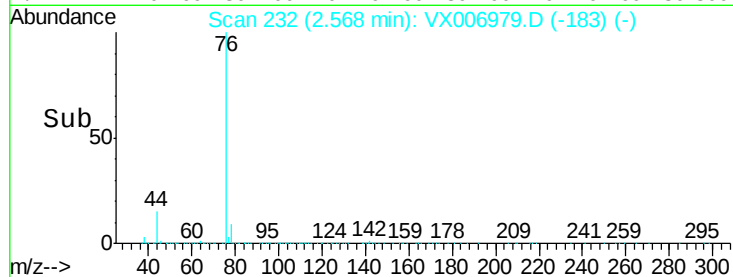
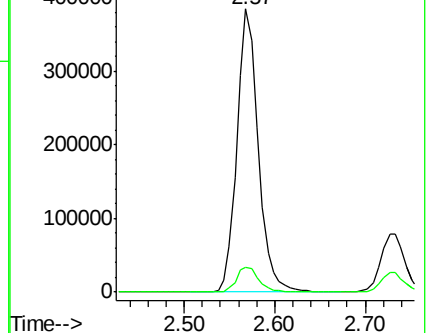
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.085 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006979.D

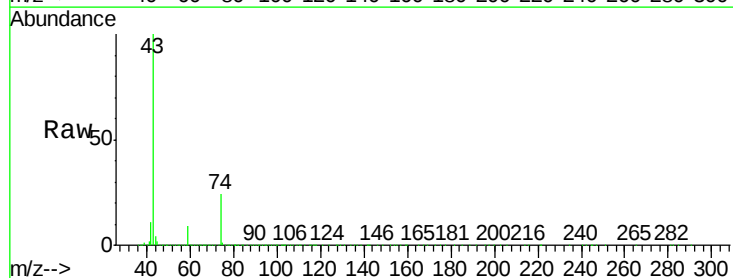
Acq: 09 Jan 2019 21:26

Tgt Ion: 43 Resp: 481531

Ion Ratio Lower Upper

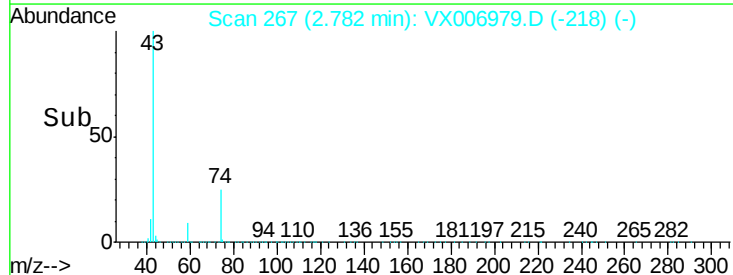
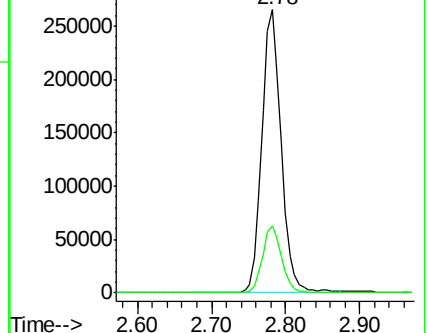
43 100

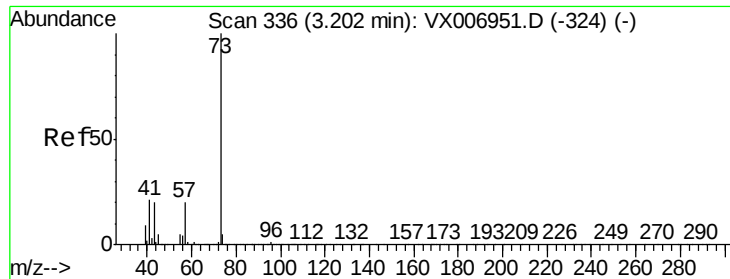
74 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



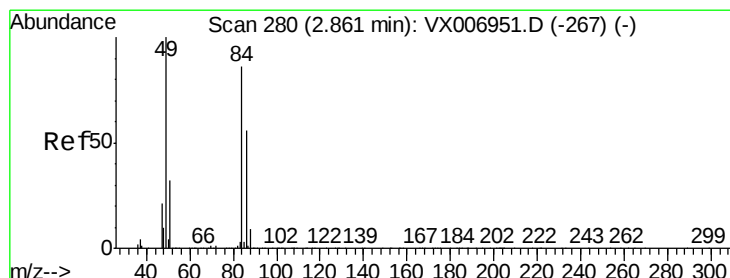
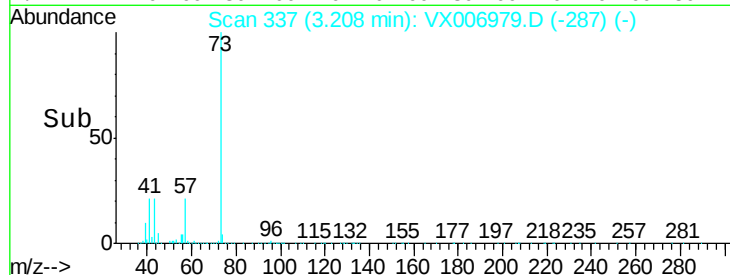
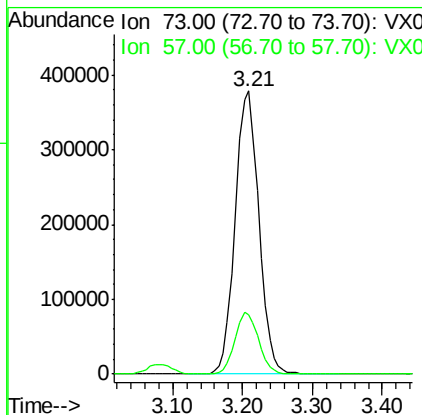
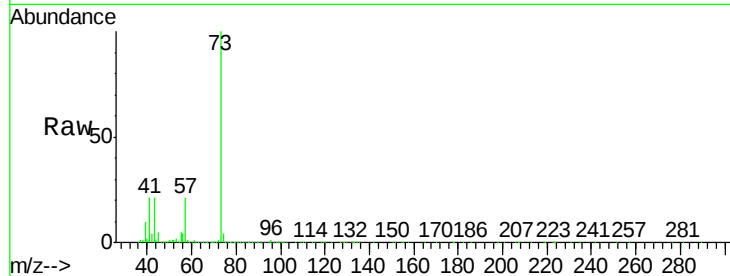


#19

Methyl tert-butyl Ether
 Concen: 49.656 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

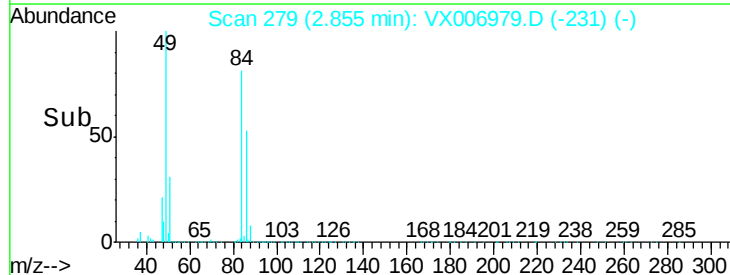
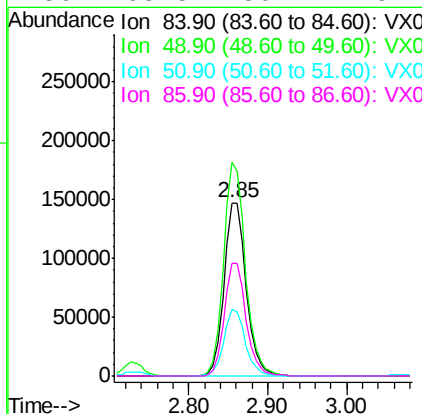
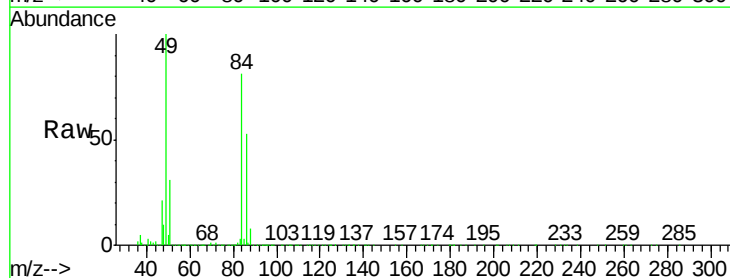
Tot Ion: 73 Resp: 893041
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.8 25.2

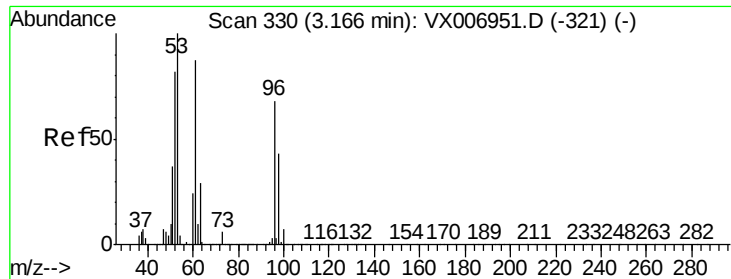


#20

Methylene Chloride
 Concen: 51.419 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion: 84 Resp: 284782
 Ion Ratio Lower Upper
 84 100
 49 123.5 91.8 137.6
 51 38.3 28.5 42.7
 86 65.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.781 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

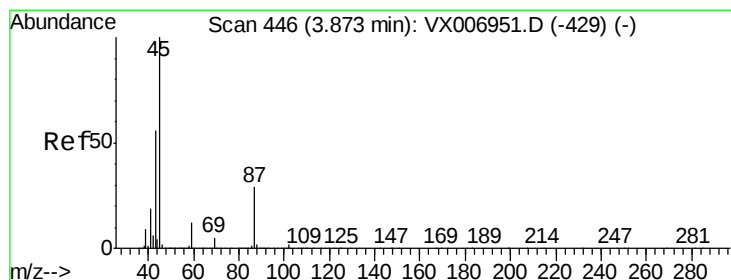
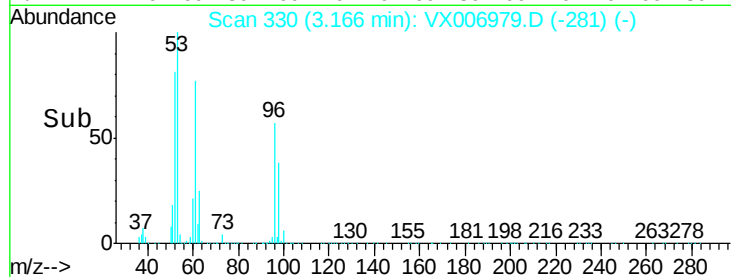
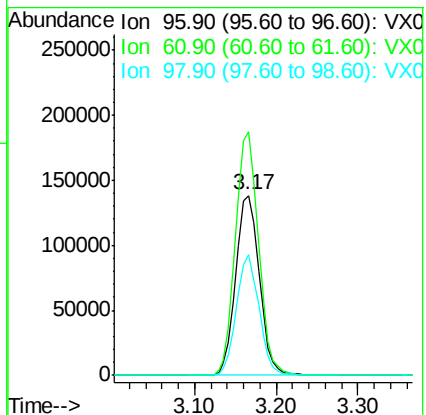
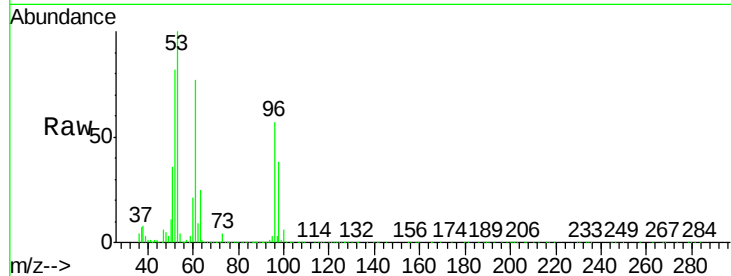
Tot Ion: 96 Resp: 275904

Ion Ratio Lower Upper

96 100

61 135.0 103.7 155.5

98 66.7 51.0 76.6



#22

Diisopropyl ether

Concen: 49.428 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion: 45 Resp: 825195

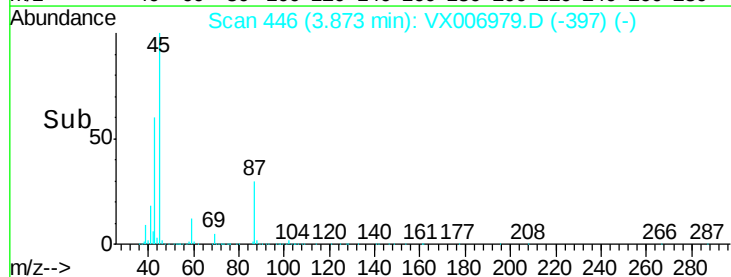
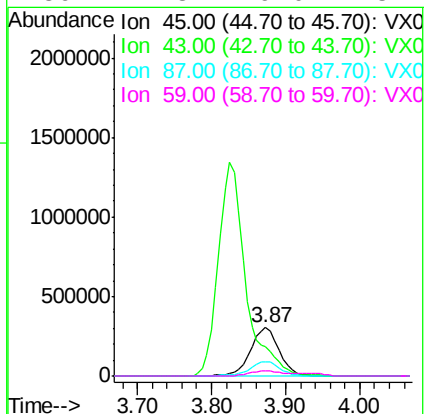
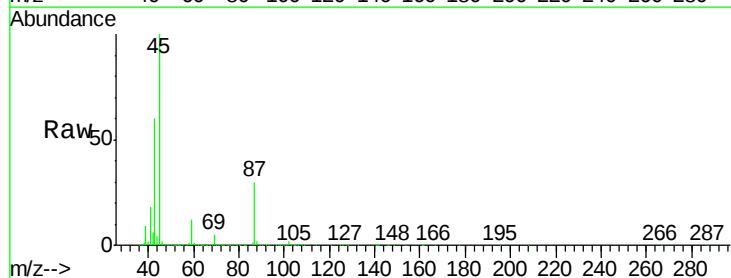
Ion Ratio Lower Upper

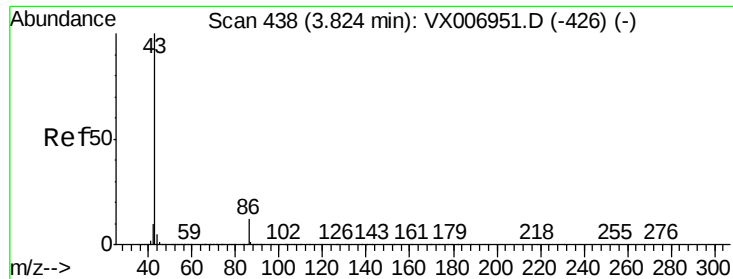
45 100

43 60.0 51.2 76.8

87 29.8 25.8 38.6

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 244.717 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

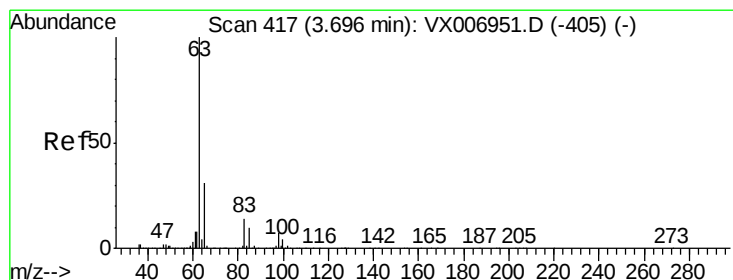
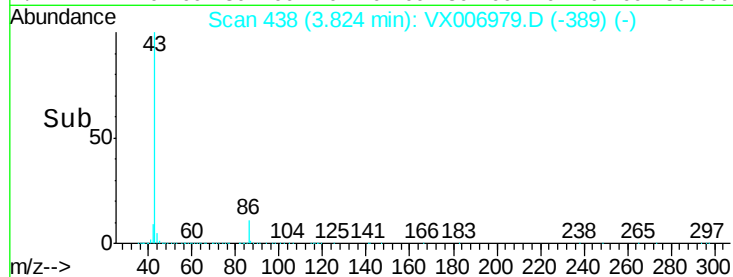
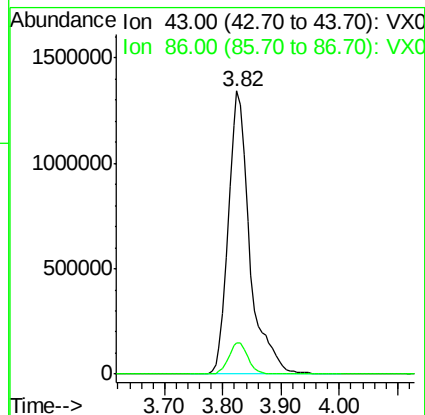
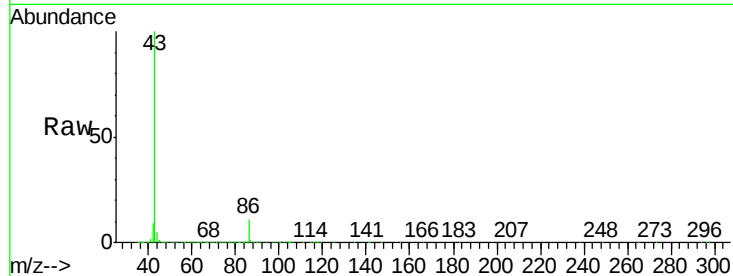
VSTDCCC050EC

Tot Ion: 43 Resp: 3445397

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 49.285 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

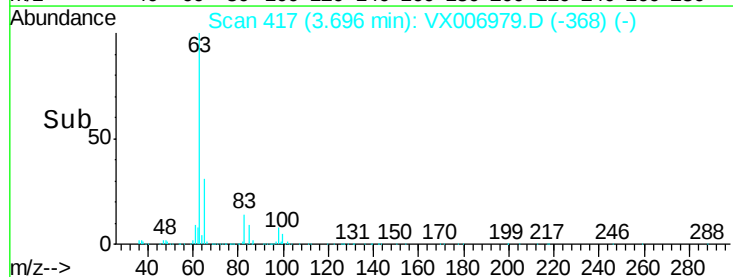
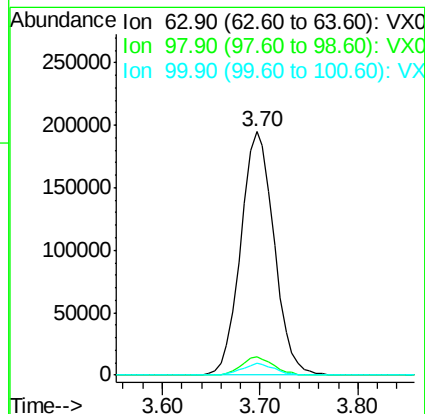
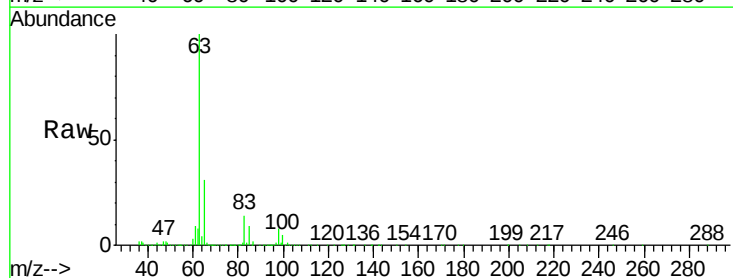
Tgt Ion: 63 Resp: 460084

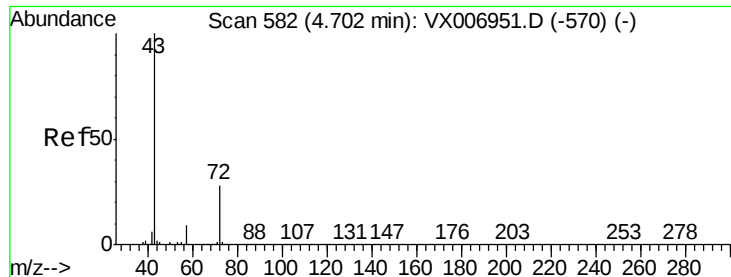
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 244.608 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

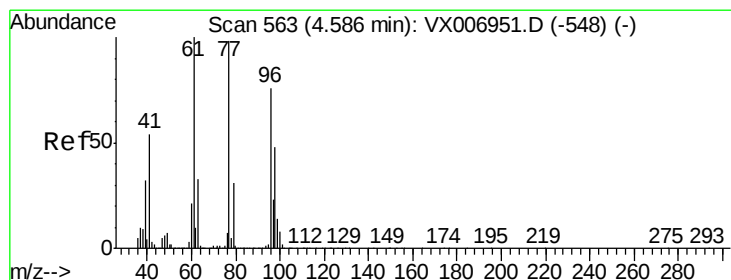
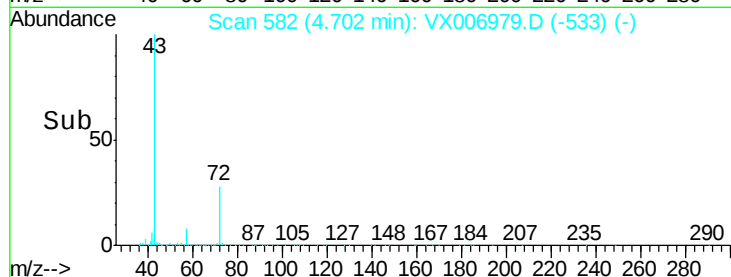
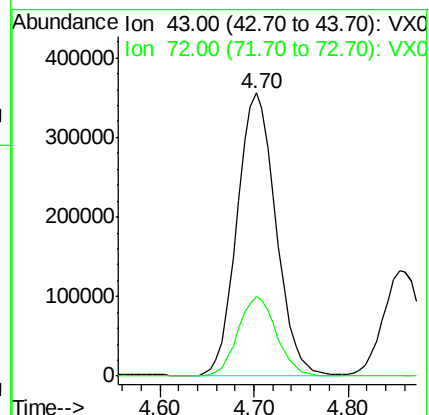
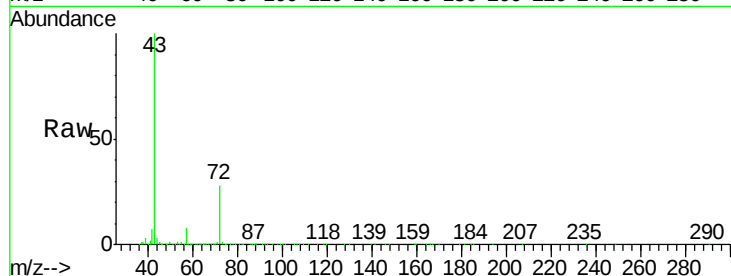
VSTDCCC050EC

Tot Ion: 43 Resp: 1019487

Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 43.055 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006979.D

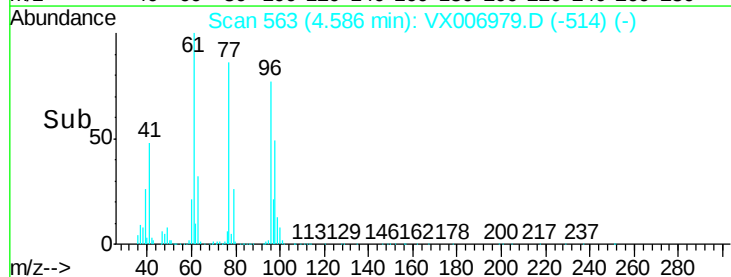
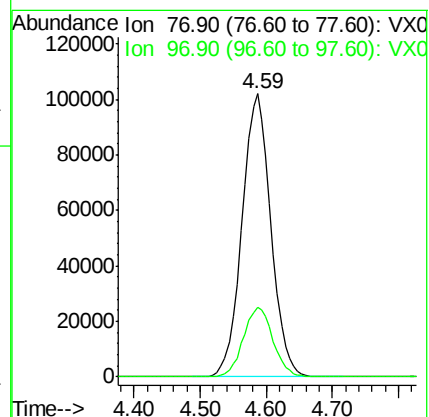
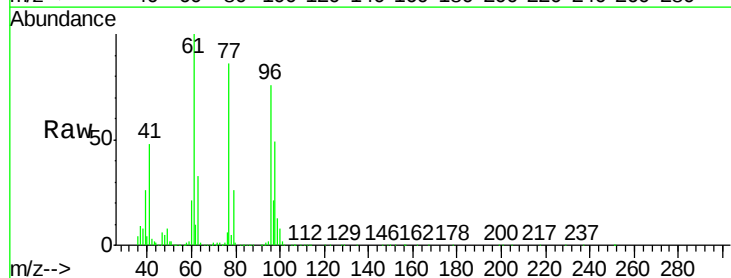
Acq: 09 Jan 2019 21:26

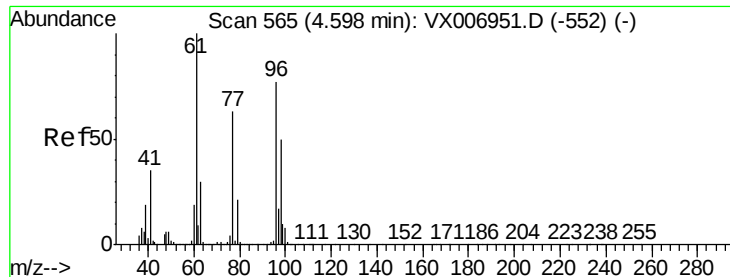
Tgt Ion: 77 Resp: 309068

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



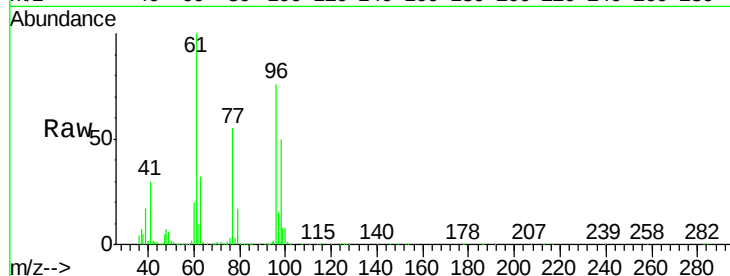


#27

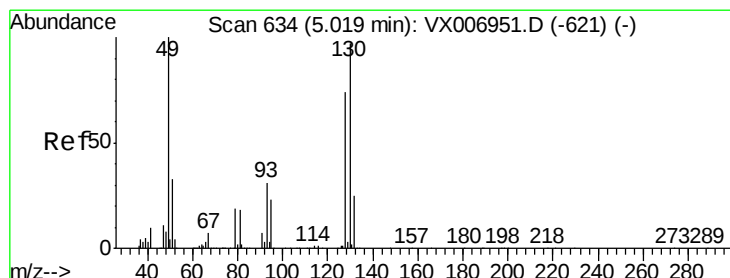
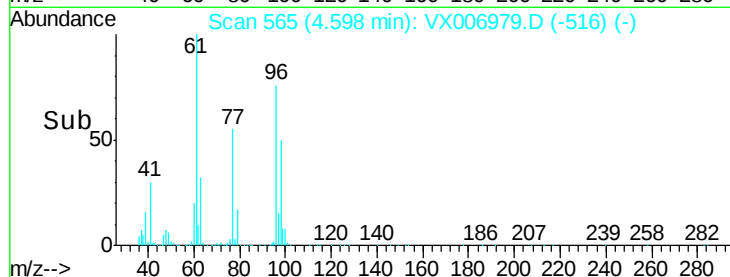
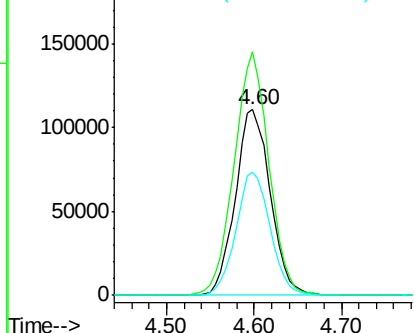
cis-1,2-Dichloroethene
Concen: 48.340 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 307891
Ion Ratio Lower Upper
96 100
61 130.2 0.0 258.6
98 65.1 0.0 132.0



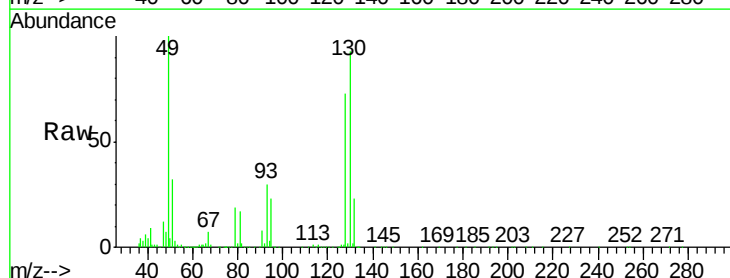
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



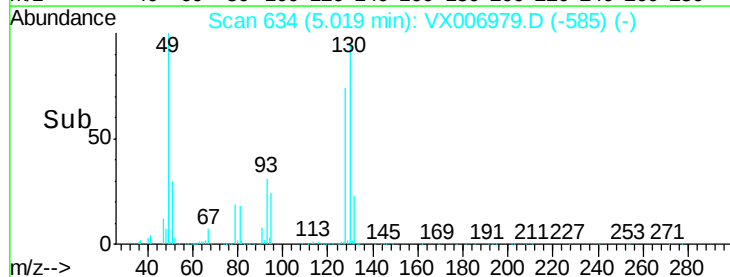
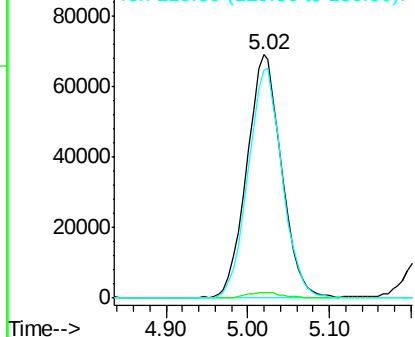
#28

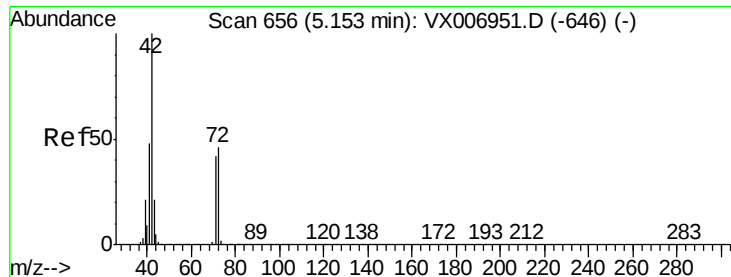
Bromochloromethane
Concen: 49.773 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 49 Resp: 203573
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 93.3 77.7 116.5



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





#29

Tetrahydrofuran

Concen: 248.920 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

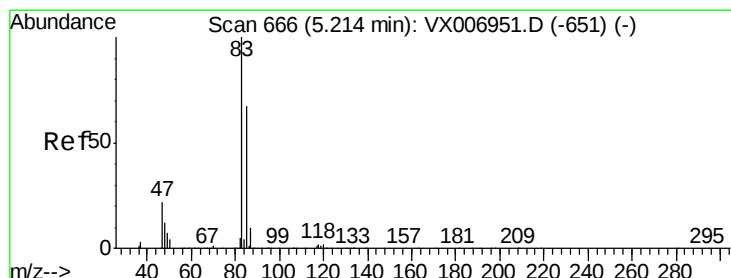
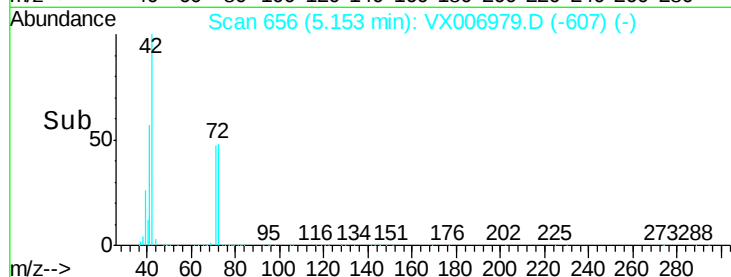
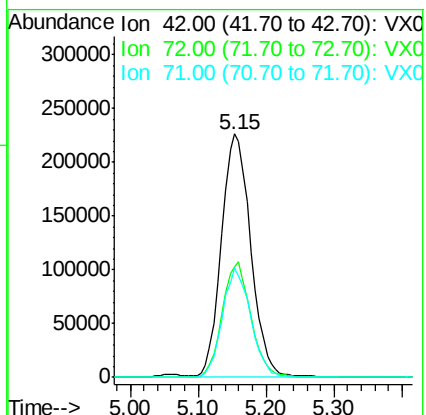
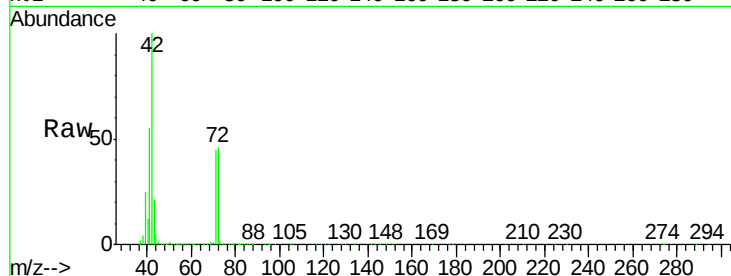
Tot Ion: 42 Resp: 674218

Ion Ratio Lower Upper

42 100

72 46.3 38.9 58.3

71 43.6 36.2 54.4



#30

Chloroform

Concen: 50.159 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006979.D

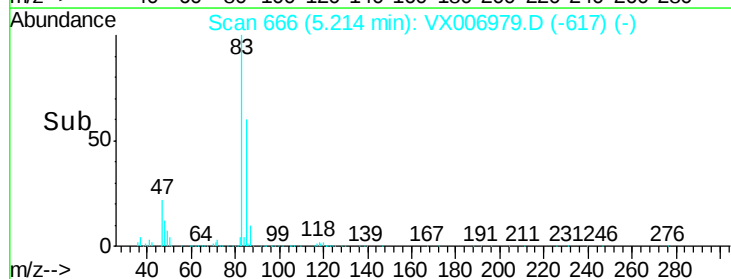
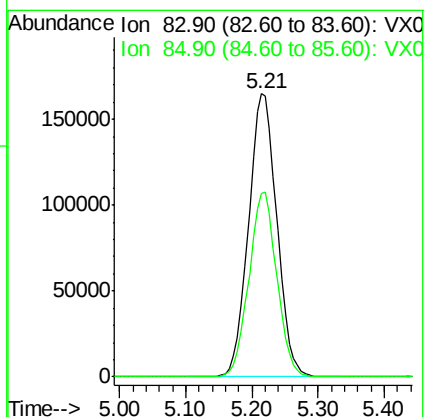
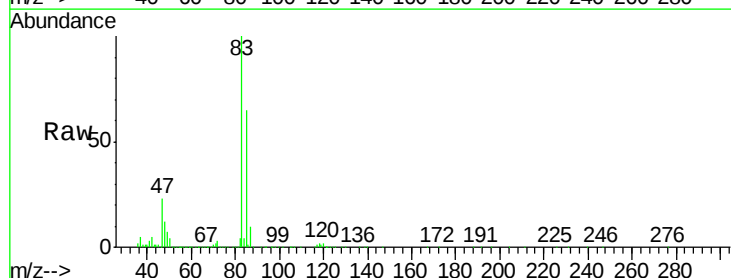
Acq: 09 Jan 2019 21:26

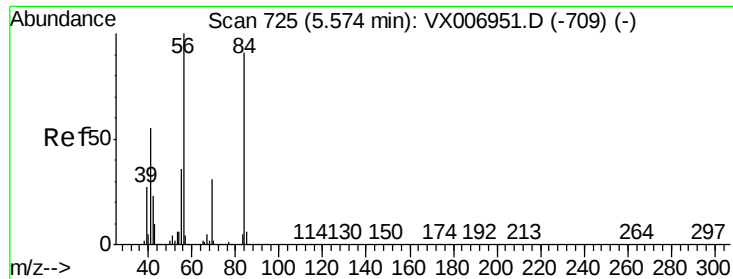
Tgt Ion: 83 Resp: 490247

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

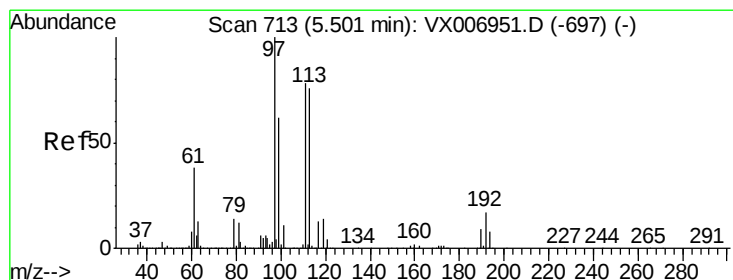
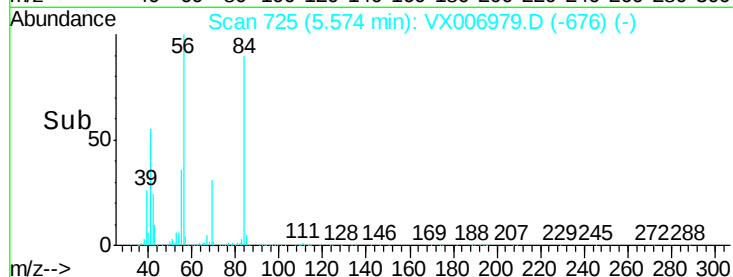
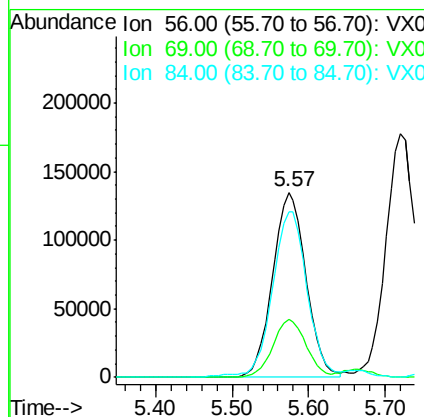
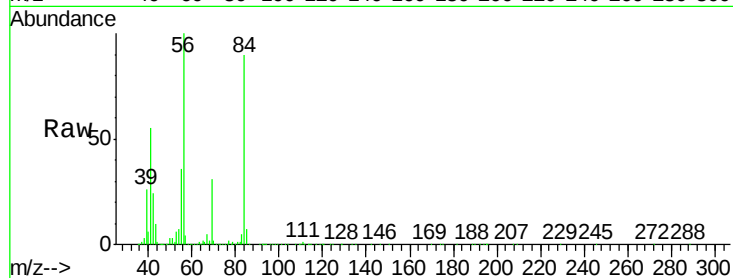




#31
Cyclohexane
Concen: 49.123 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

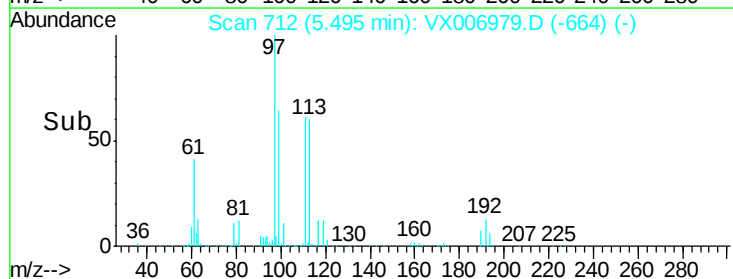
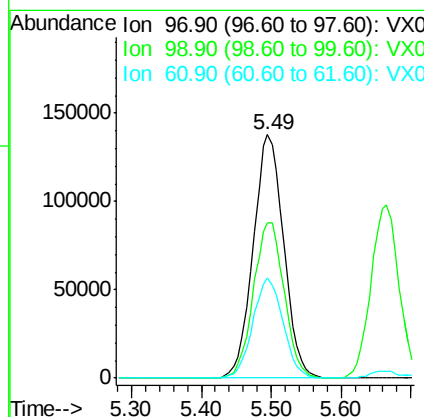
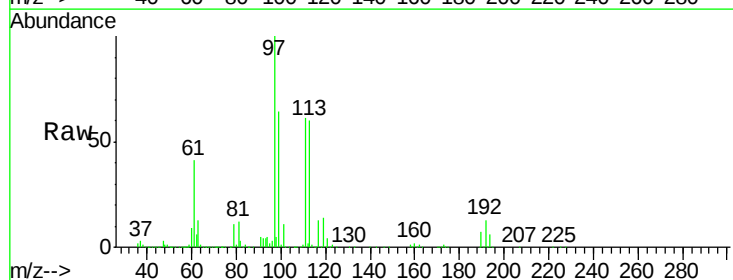
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

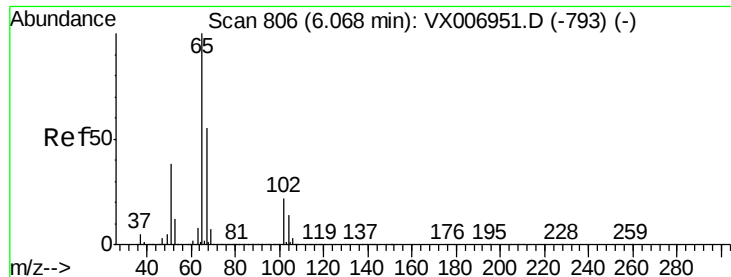
Tot Ion: 56 Resp: 408146
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 89.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.365 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 97 Resp: 417248
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 41.0 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.765 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

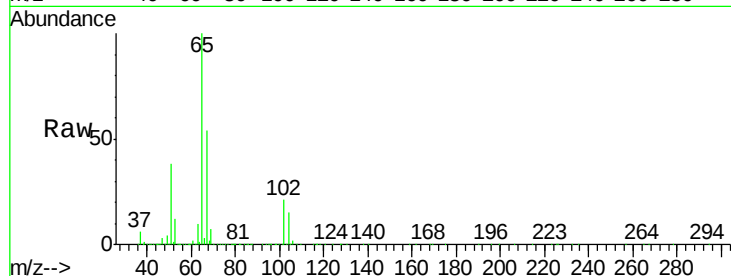
VSTDCCC050EC

Tot Ion: 65 Resp: 287322

Ion Ratio Lower Upper

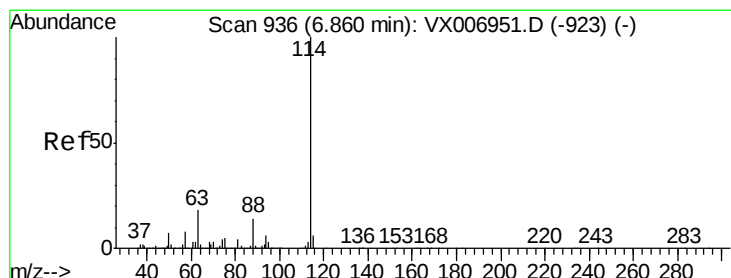
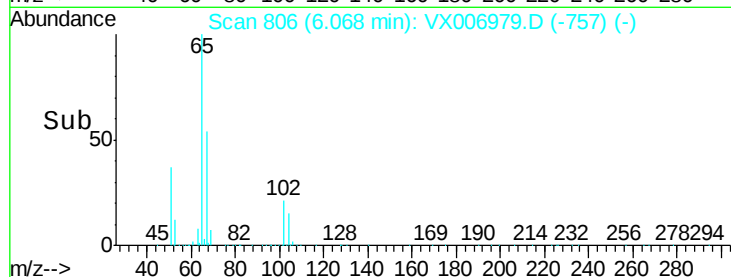
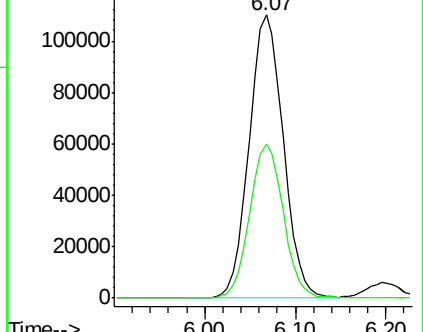
65 100

67 53.8 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: VX006979.D

Acq: 09 Jan 2019 21:26

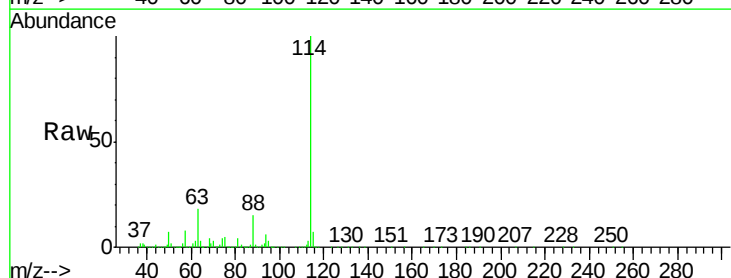
Tgt Ion: 114 Resp: 844172

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

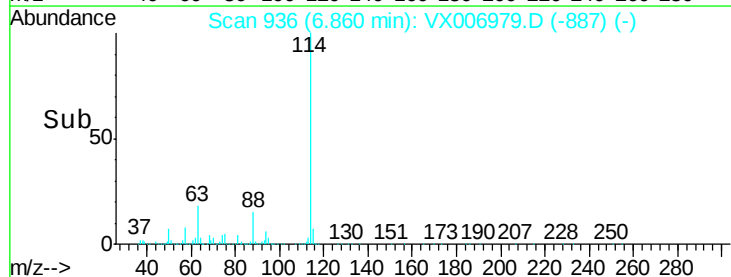
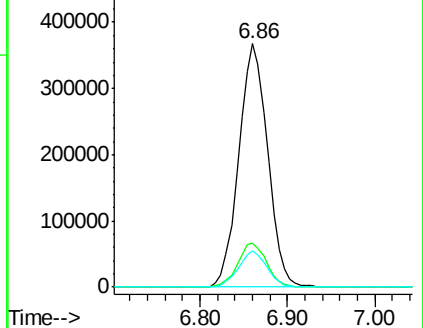
88 14.8 0.0 28.8

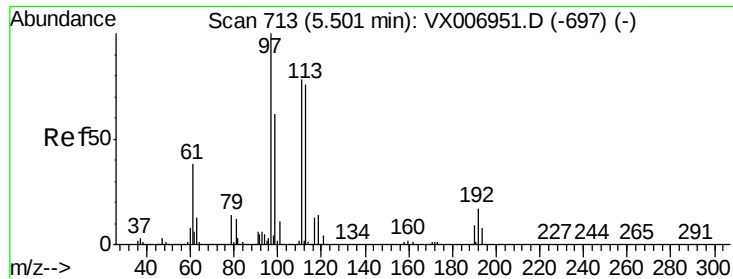


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

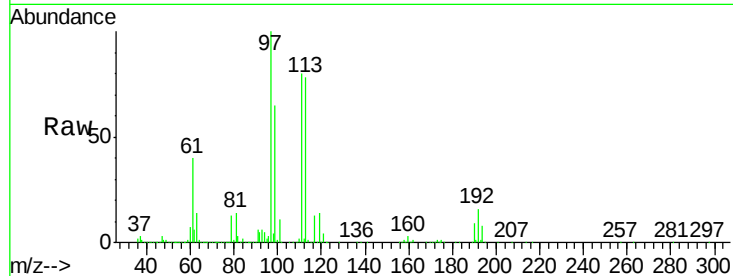
Tot Ion:113 Resp: 263269

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

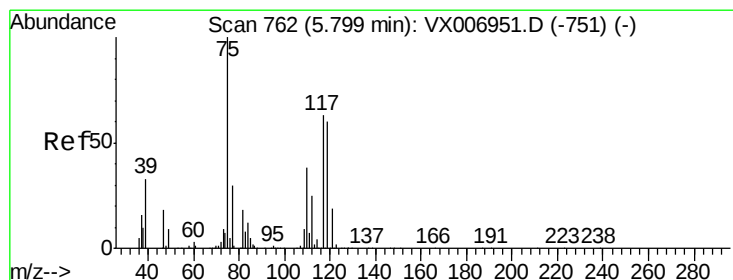
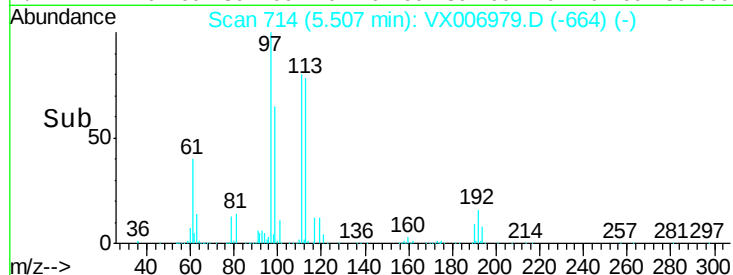
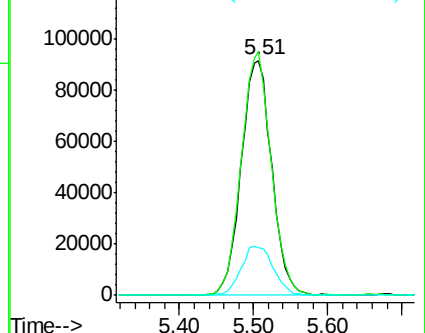
192 22.1 16.7 25.1



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: 47.468 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

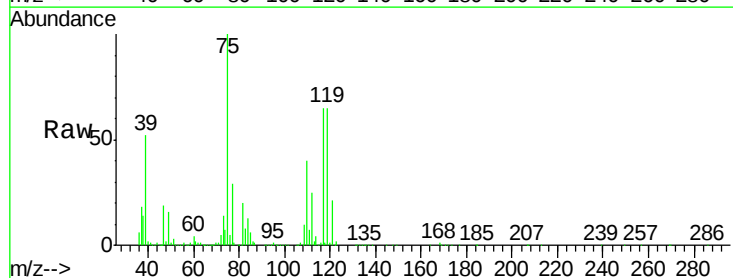
Tgt Ion: 75 Resp: 348388

Ion Ratio Lower Upper

75 100

110 40.8 20.2 60.5

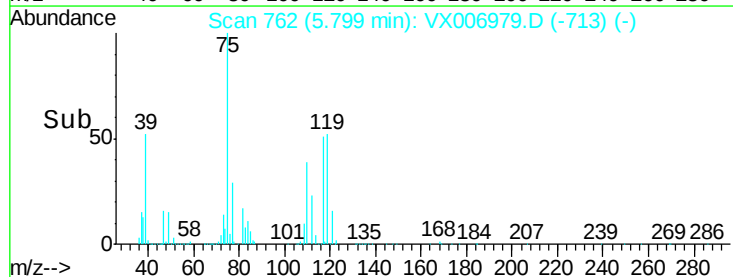
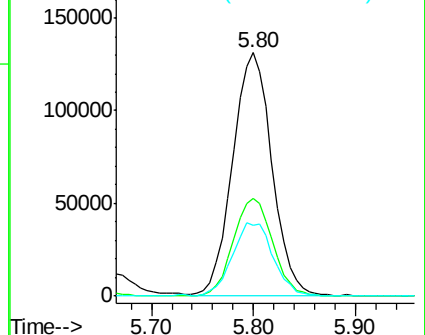
77 31.2 24.8 37.2

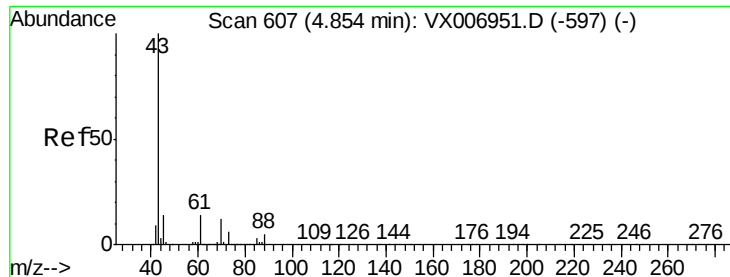


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

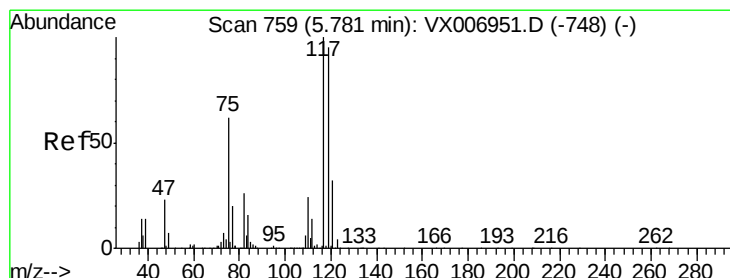
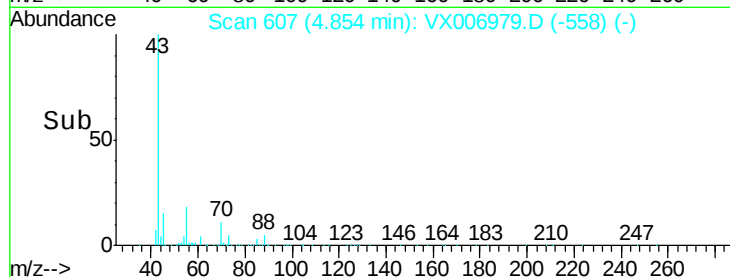
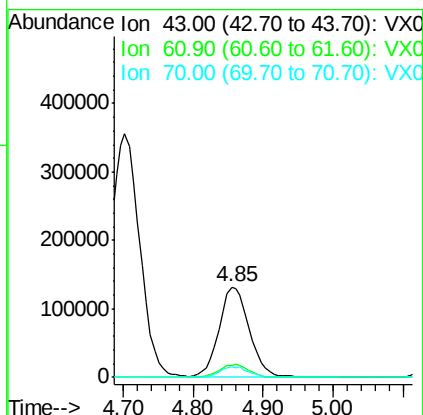
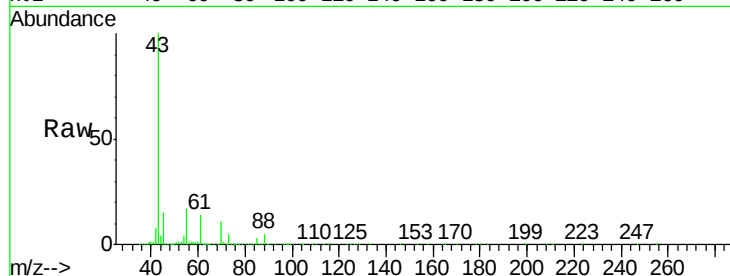




#37
Ethyl Acetate
Concen: 49.681 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

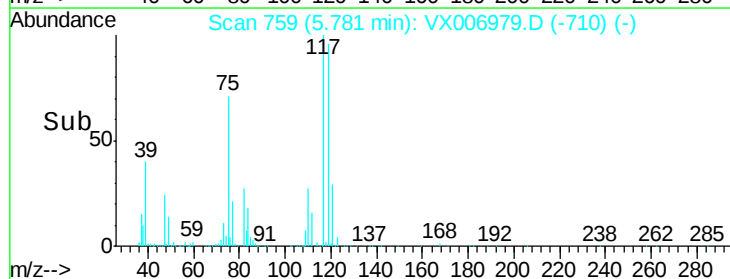
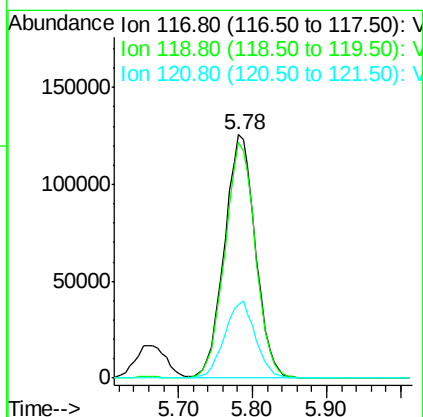
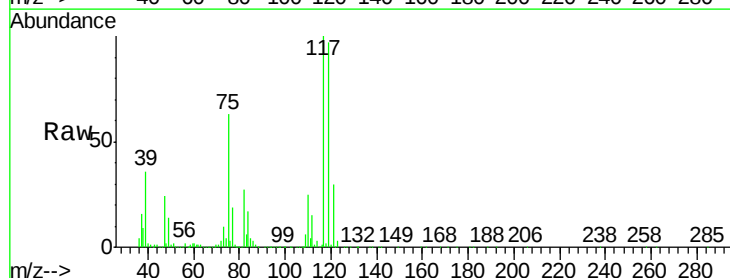
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

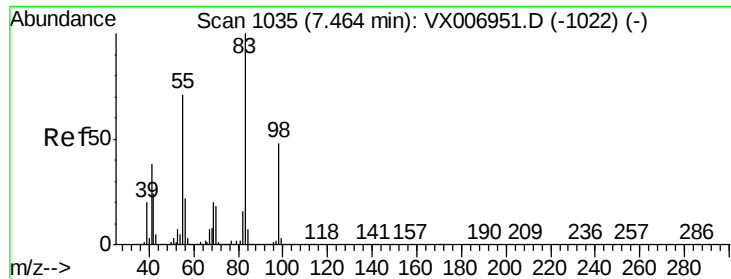
Tot Ion: 43 Resp: 390919
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 49.281 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 117 Resp: 363902
Ion Ratio Lower Upper
117 100
119 96.6 79.4 119.2
121 29.9 24.0 36.0

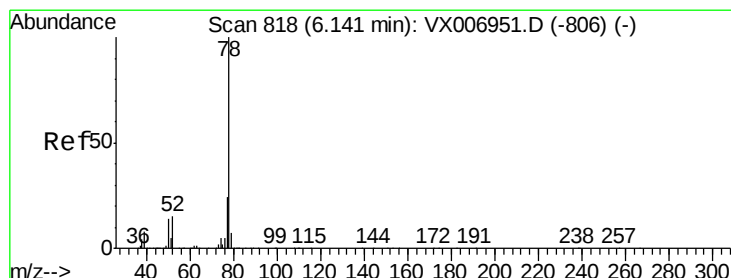
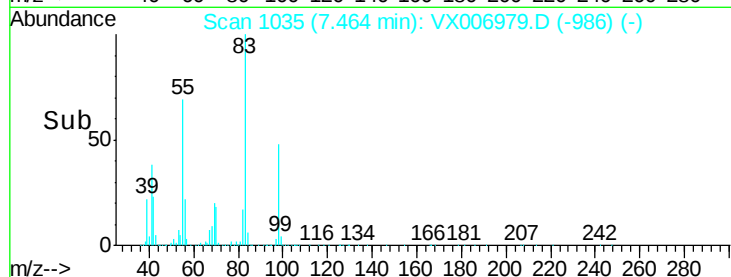
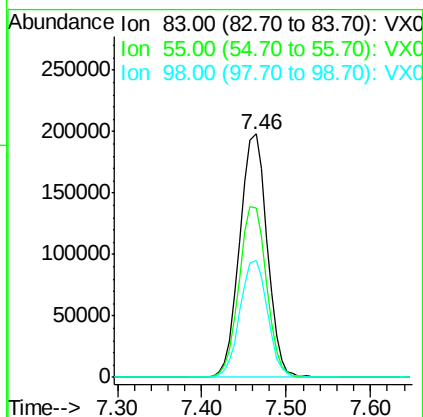
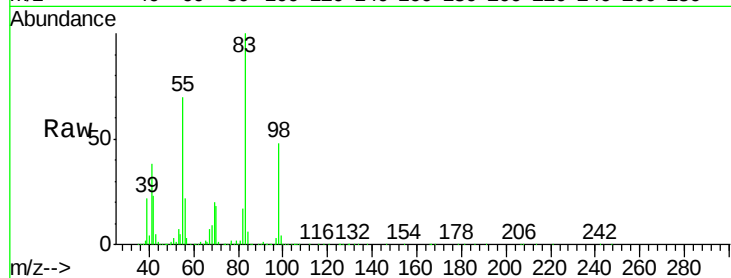




#39
Methvlcvclohexane
Concen: 46.569 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

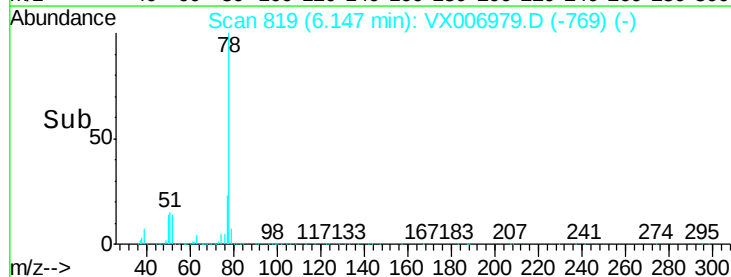
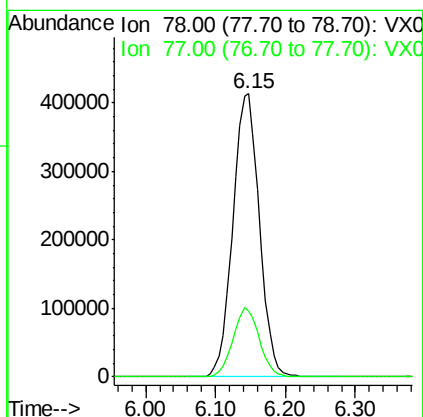
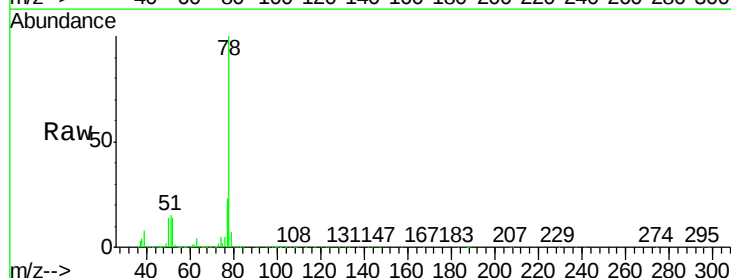
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

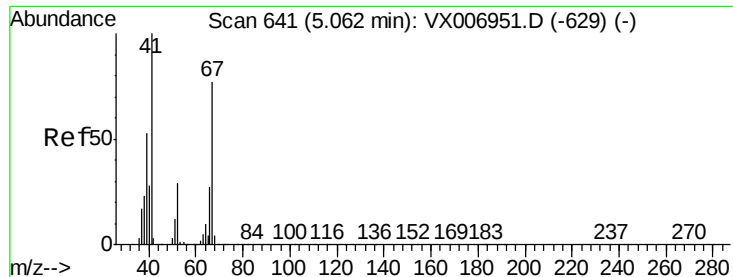
Tot Ion: 83 Resp: 435731
Ion Ratio Lower Upper
83 100
55 69.6 54.9 82.3
98 47.8 37.9 56.9



#40
Benzene
Concen: 48.506 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 78 Resp: 1086282
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 47.648 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 215984

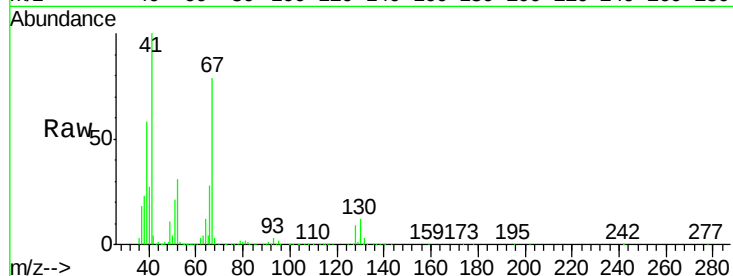
Ion Ratio Lower Upper

41 100

39 54.1 42.8 64.2

67 76.1 62.1 93.1

52 29.3 23.4 35.0

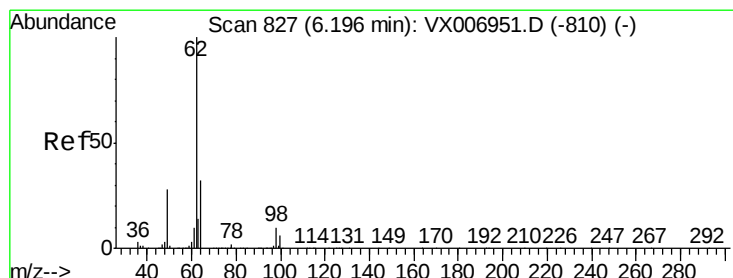
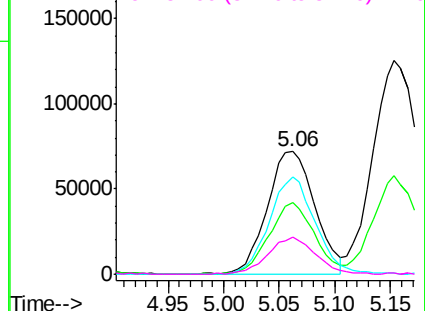
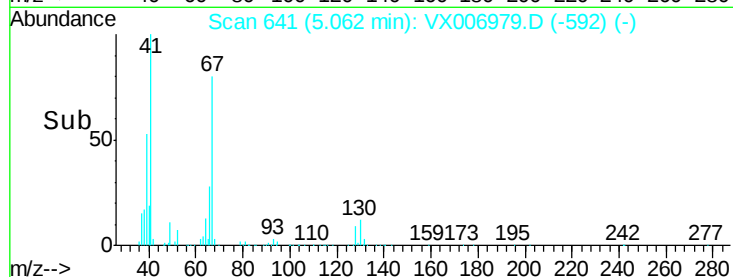


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.889 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006979.D

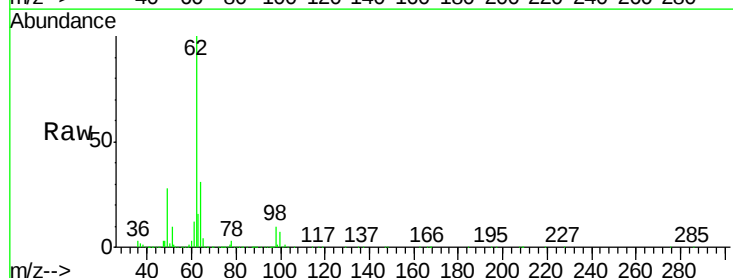
Acq: 09 Jan 2019 21:26

Tgt Ion: 62 Resp: 370601

Ion Ratio Lower Upper

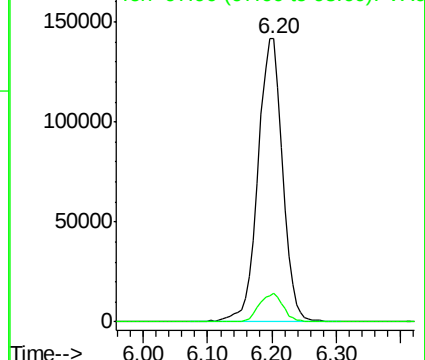
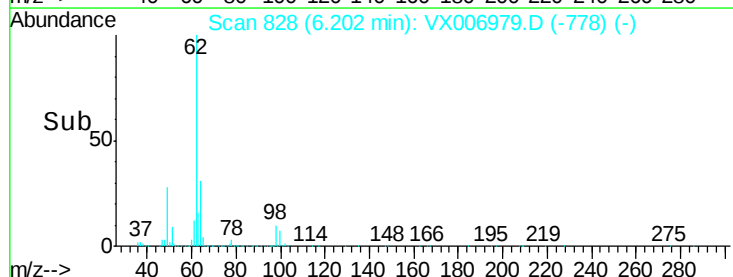
62 100

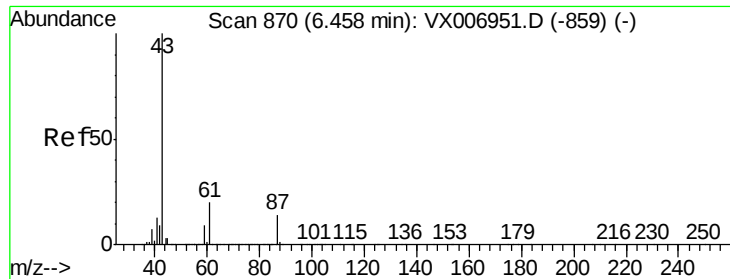
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



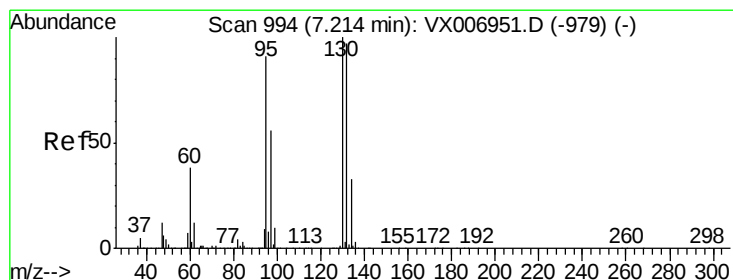
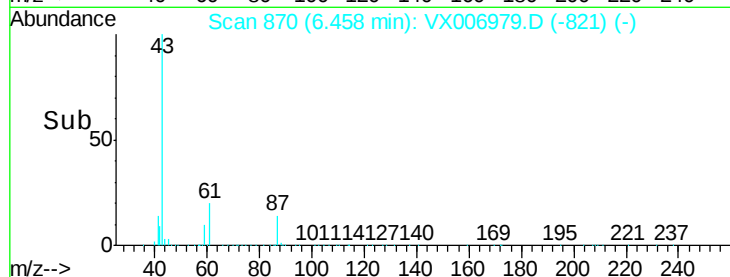
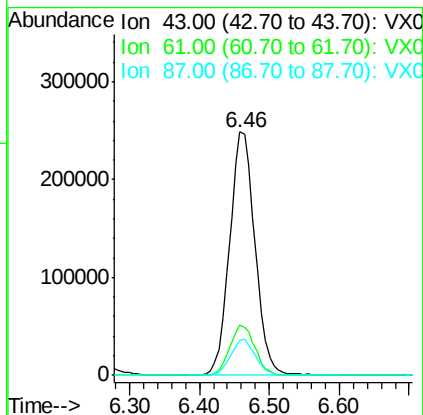
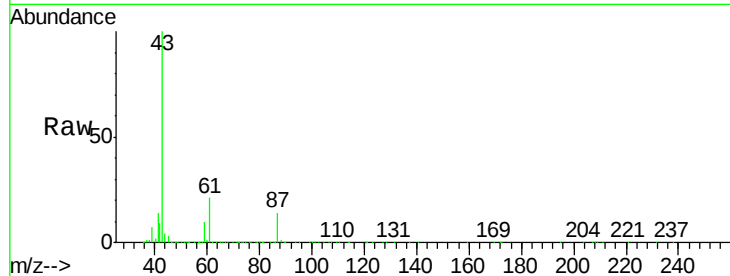


#43

Isopropyl Acetate
 Concen: 50.308 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

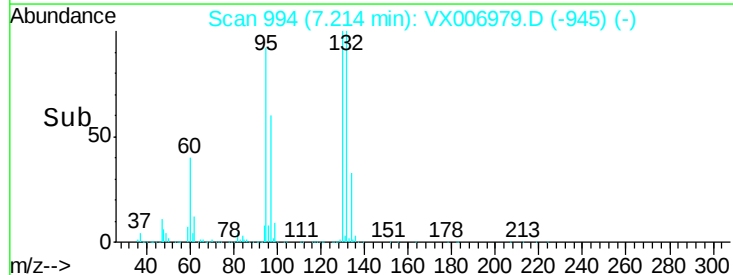
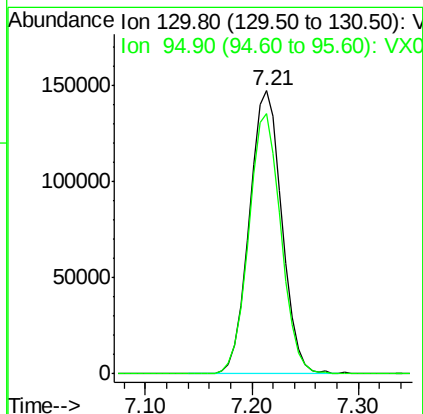
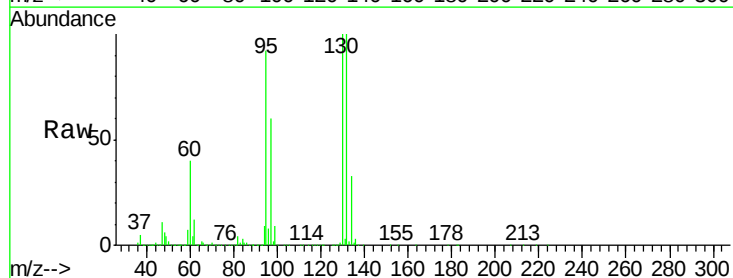
Tot Ion	43	Resp	624396
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.8	25.2
87	14.4	12.4	18.6

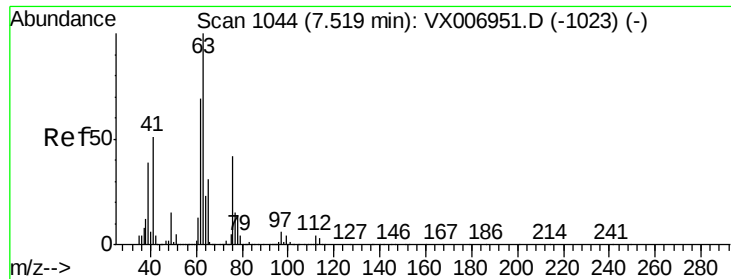


#44

Trichloroethene
 Concen: 47.081 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion	130	Resp	315951
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.594 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

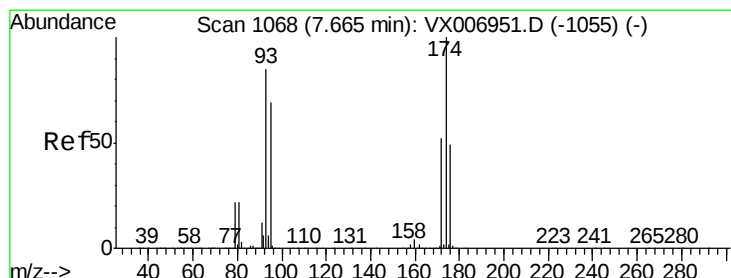
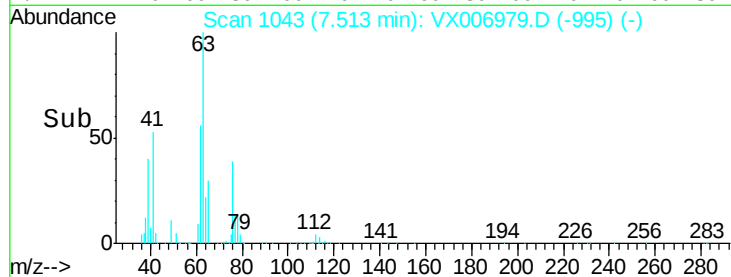
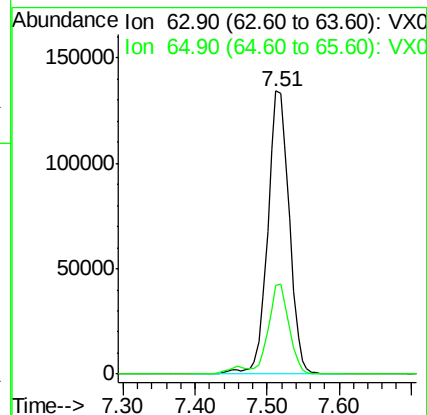
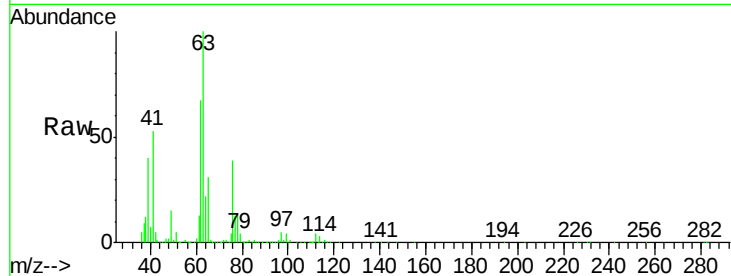
VSTDCCC050EC

Tot Ion: 63 Resp: 279222

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.0



#46

Dibromomethane

Concen: 49.467 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

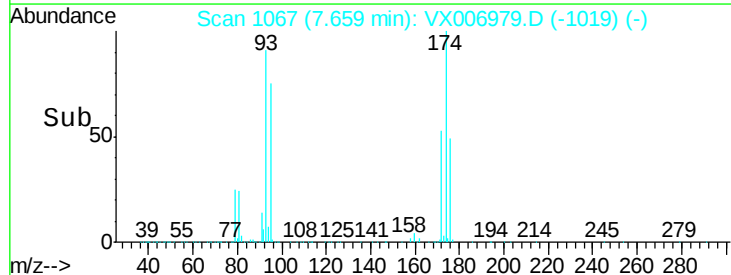
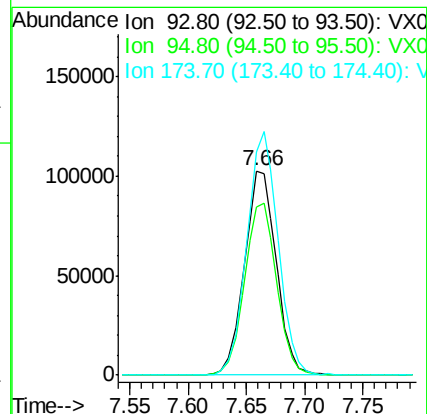
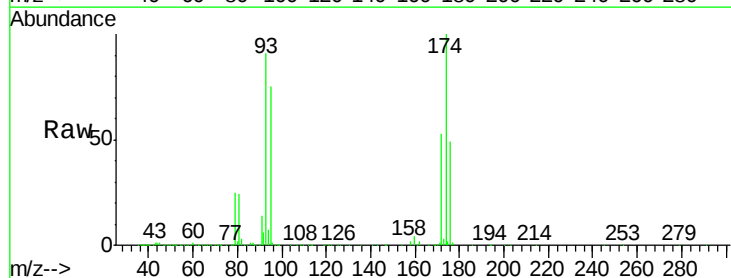
Tgt Ion: 93 Resp: 195733

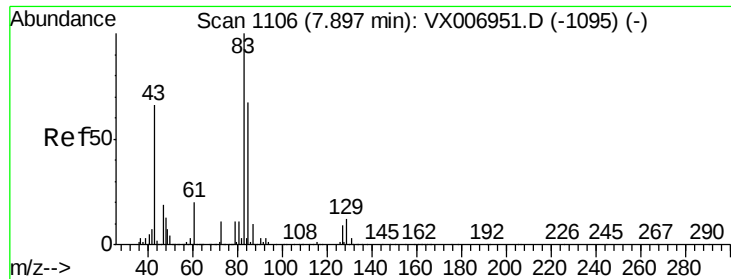
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

174 117.6 91.0 136.4





#47

Bromodichloromethane

Concen: 51.604 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

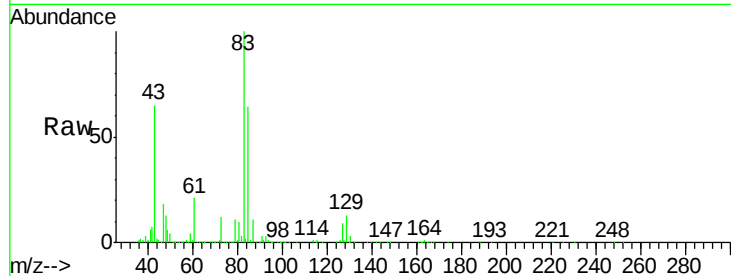
Tot Ion: 83 Resp: 347558

Ion Ratio Lower Upper

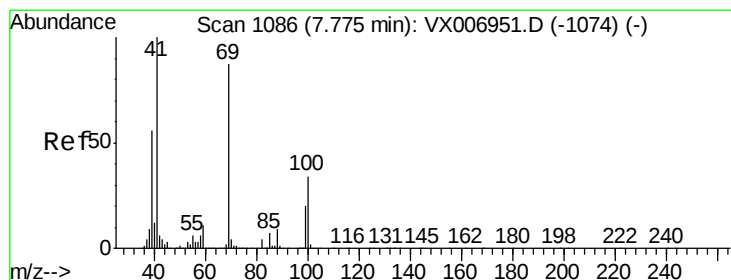
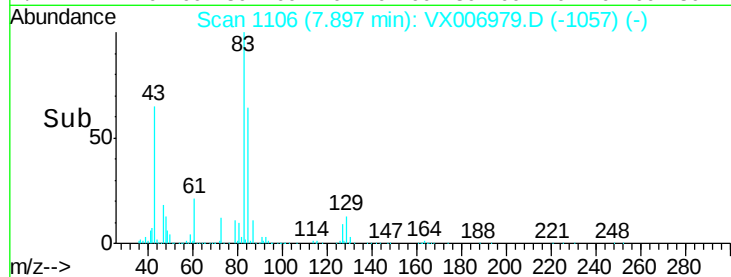
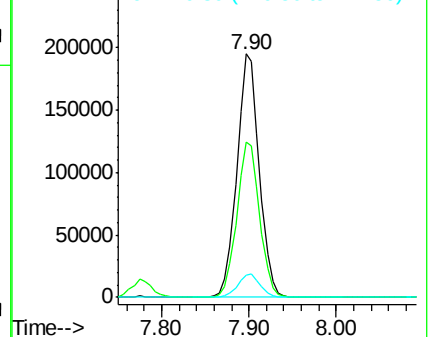
83 100

85 63.7 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: 50.357 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

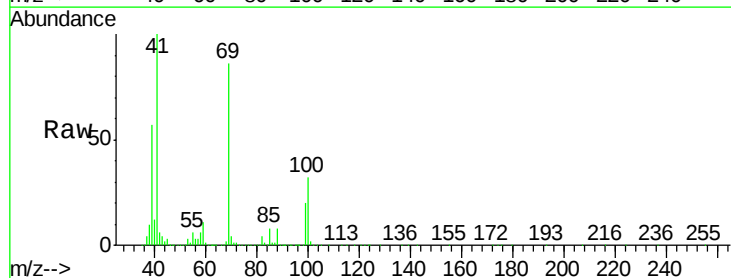
Tgt Ion: 41 Resp: 320963

Ion Ratio Lower Upper

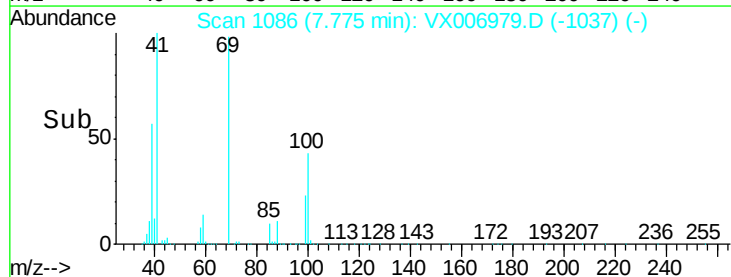
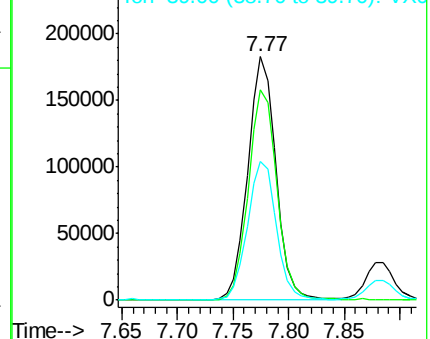
41 100

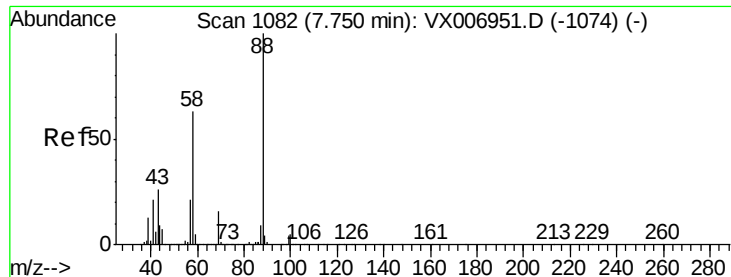
69 88.4 72.4 108.6

39 58.3 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: 839.177 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

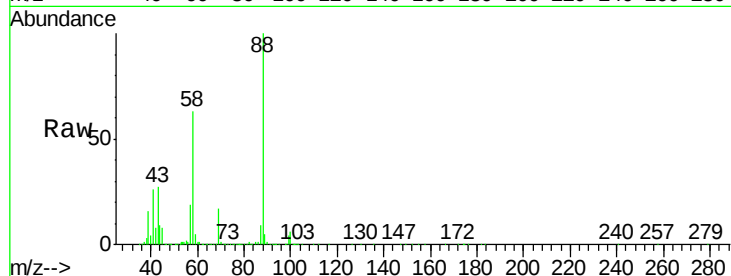
Tot Ion: 88 Resp: 122349

Ion Ratio Lower Upper

88 100

43 30.9 22.2 33.4

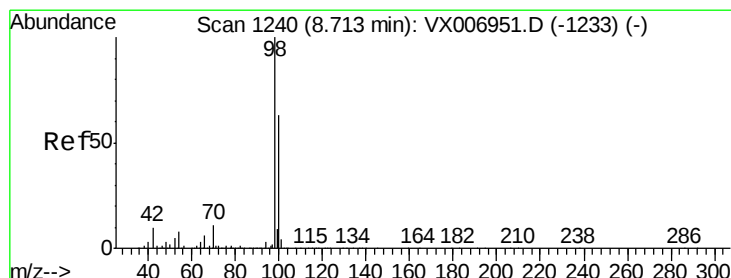
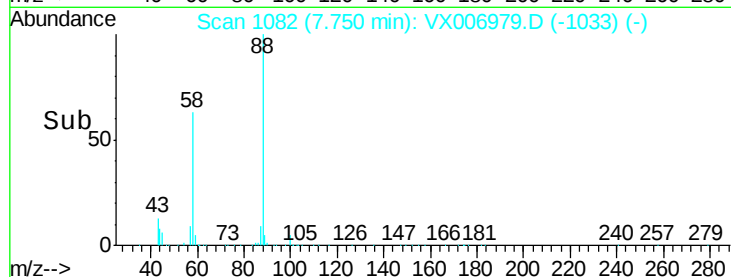
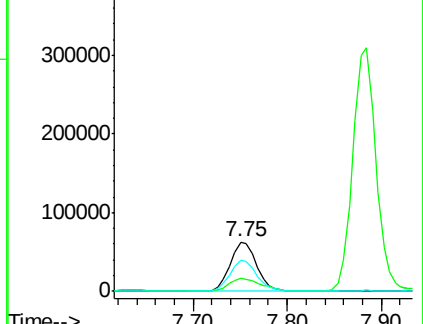
58 64.4 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.637 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006979.D

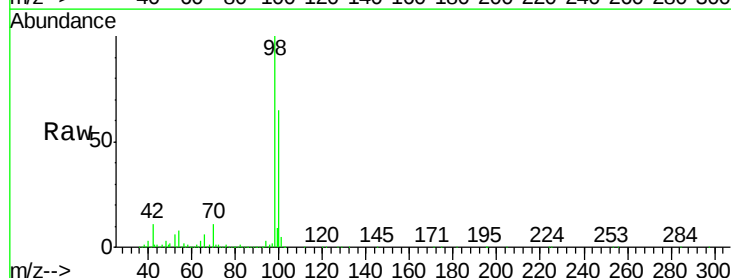
Acq: 09 Jan 2019 21:26

Tgt Ion: 98 Resp: 962414

Ion Ratio Lower Upper

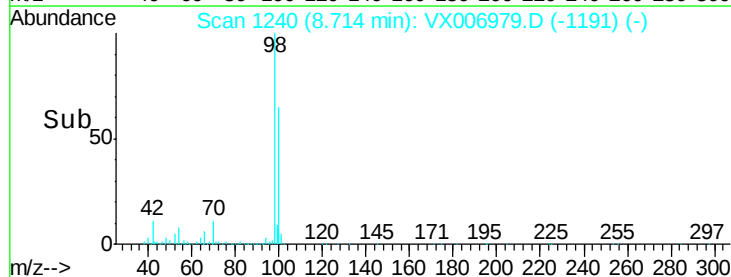
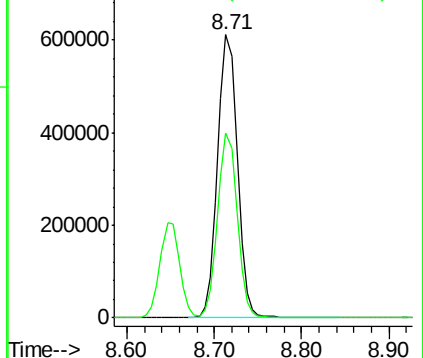
98 100

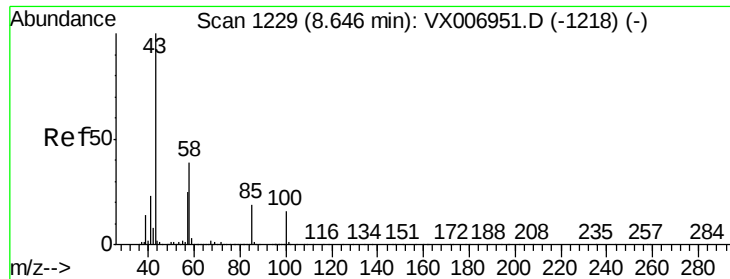
100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 250.302 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

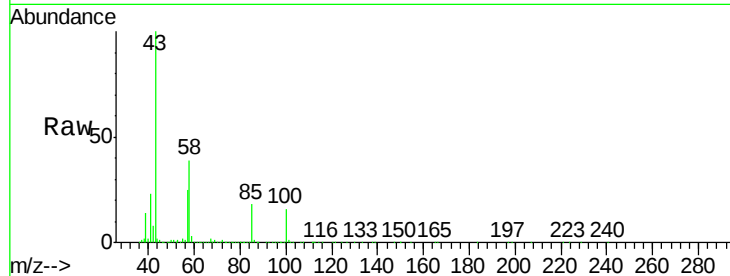
VSTDCCC050EC

Tot Ion: 43 Resp: 1996499

Ion Ratio Lower Upper

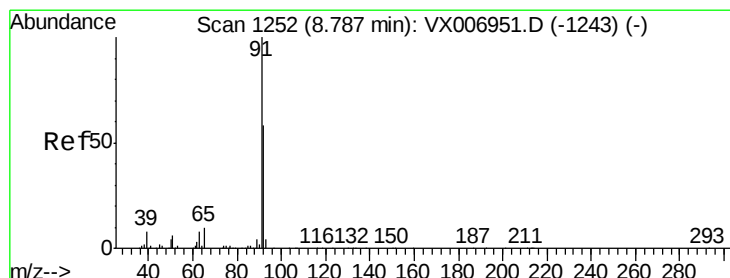
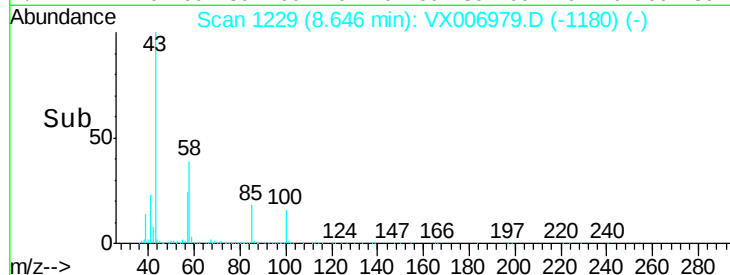
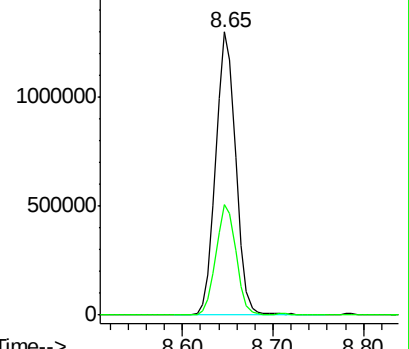
43 100

58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.432 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006979.D

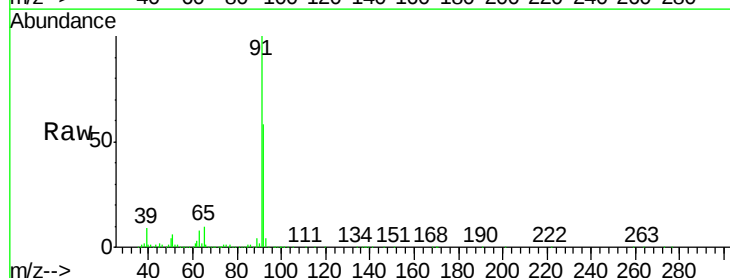
Acq: 09 Jan 2019 21:26

Tgt Ion: 92 Resp: 697121

Ion Ratio Lower Upper

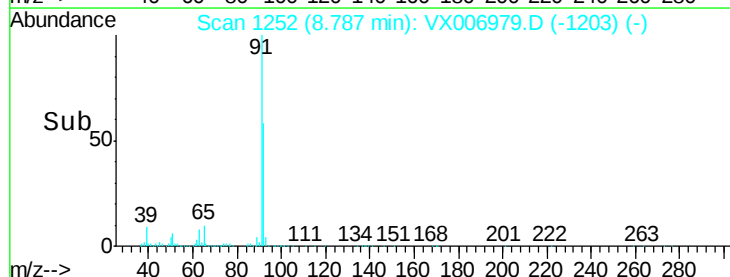
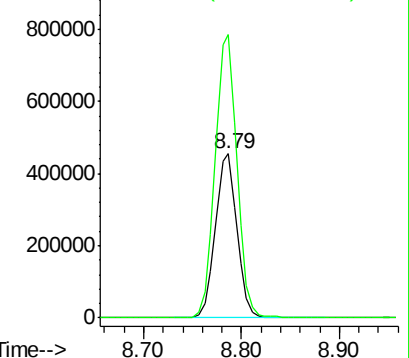
92 100

91 174.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.768 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

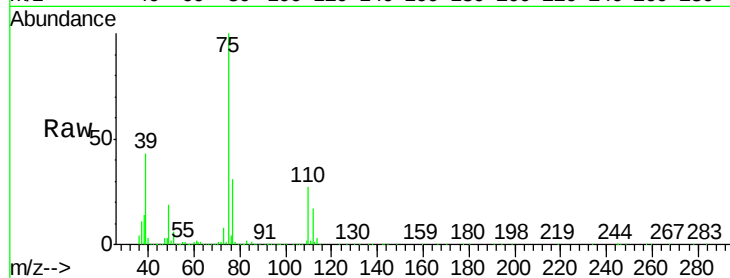
VSTDCCC050EC

Tot Ion: 75 Resp: 379152

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

9.04

250000

200000

150000

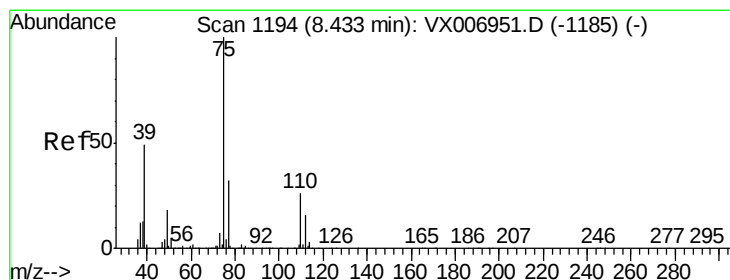
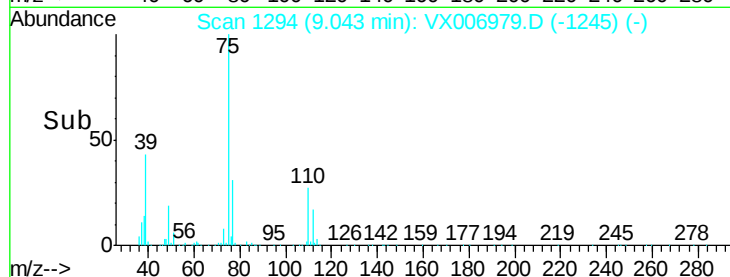
100000

50000

0

Time-->

9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 51.261 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

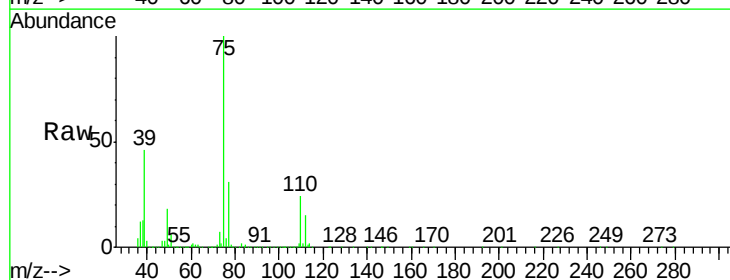
Tgt Ion: 75 Resp: 422785

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

39 45.8 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

8.43

300000

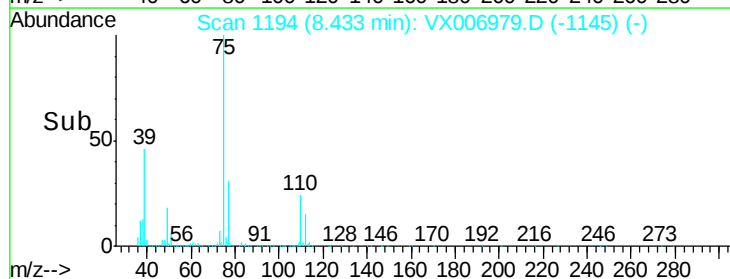
200000

100000

0

Time-->

8.35 8.40 8.45 8.50 8.55

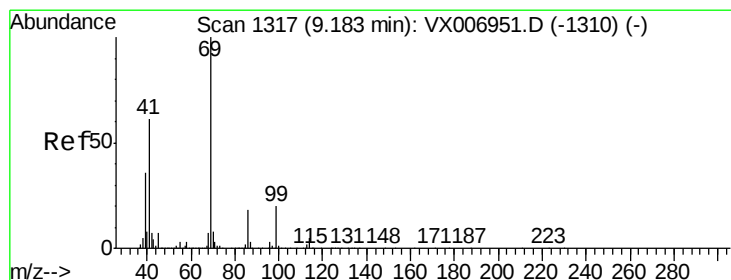
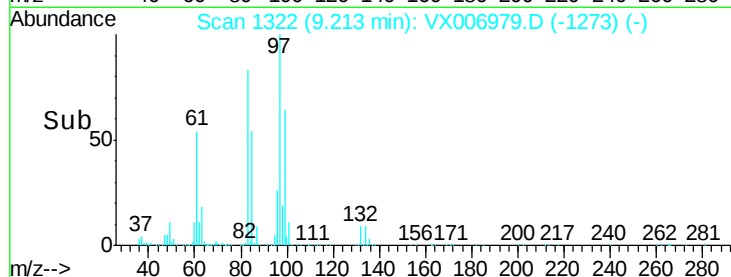
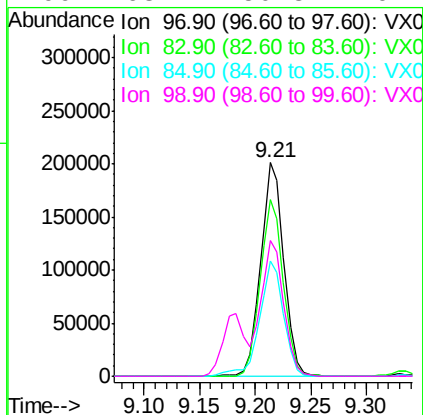
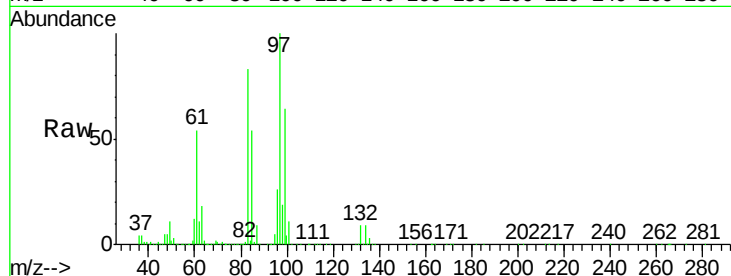




#55
 1,1,2-Trichloroethane
 Concen: 50.769 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

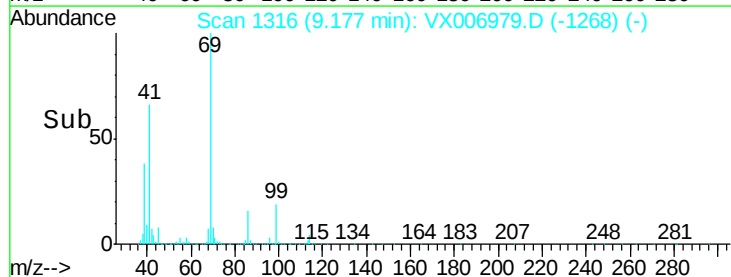
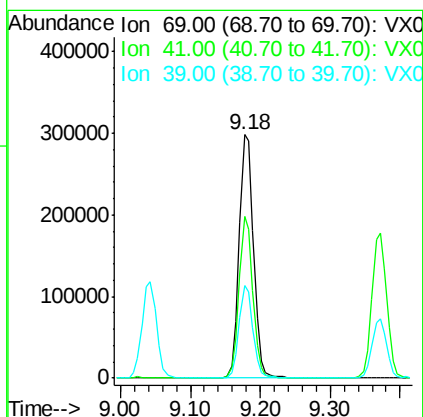
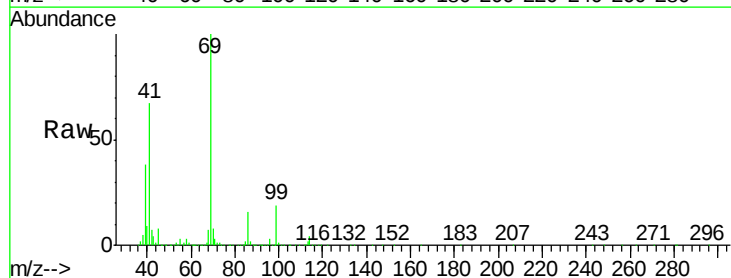
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

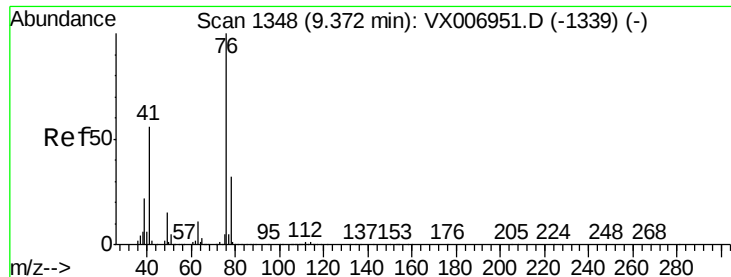
Tot Ion:	97	Resp:	292498
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.6	99.8
85	53.6	42.7	64.1
99	63.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 50.637 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion:	69	Resp:	425893
Ion	Ratio	Lower	Upper
69	100		
41	63.9	48.7	73.1
39	36.5	27.0	40.6





#57

1,3-Dichloropropane

Concen: 49.544 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

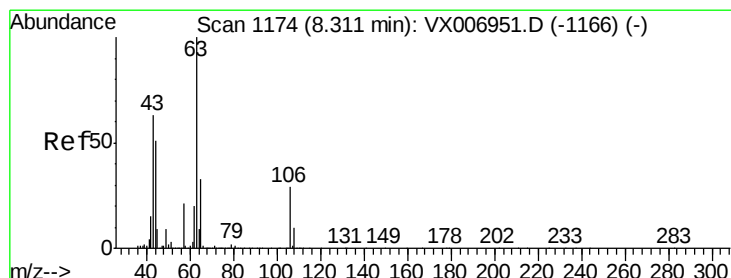
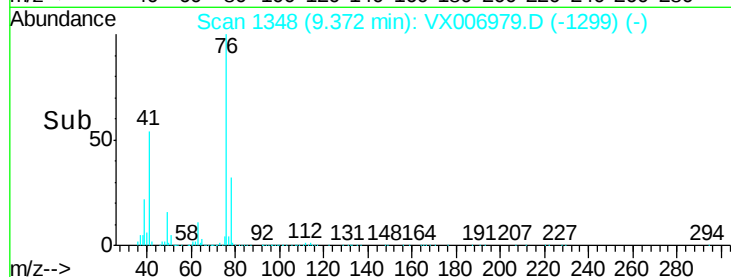
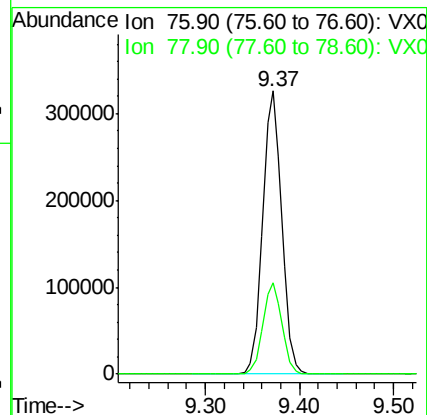
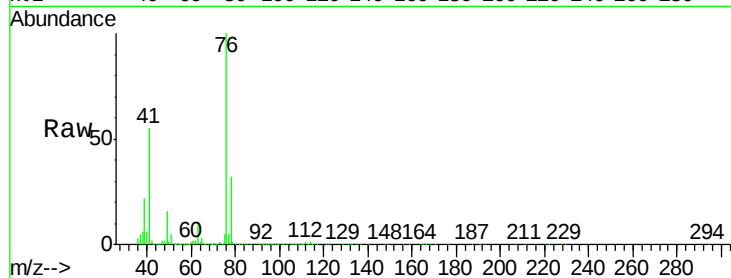
VSTDCCC050EC

Tot Ion: 76 Resp: 467629

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.774 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006979.D

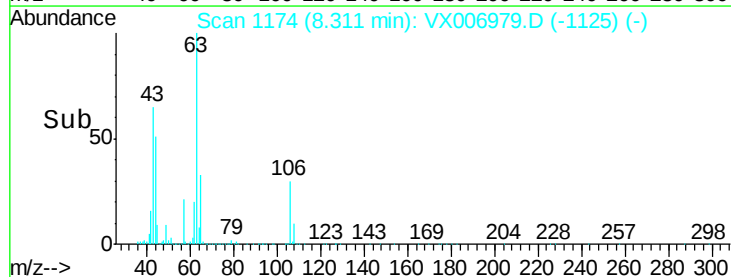
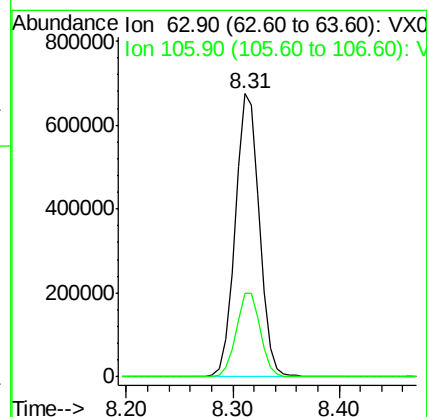
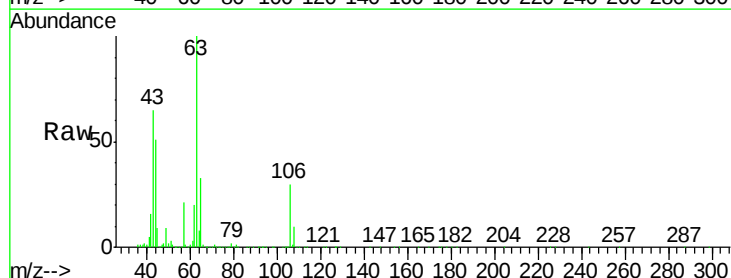
Acq: 09 Jan 2019 21:26

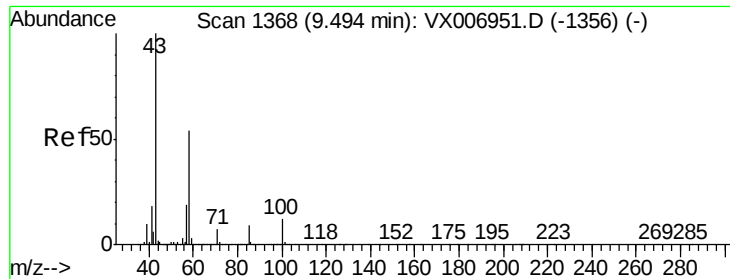
Tgt Ion: 63 Resp: 1067161

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8

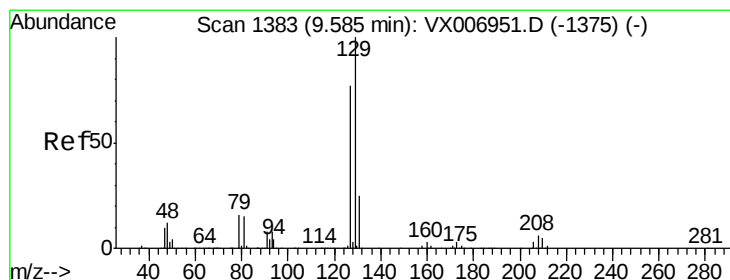
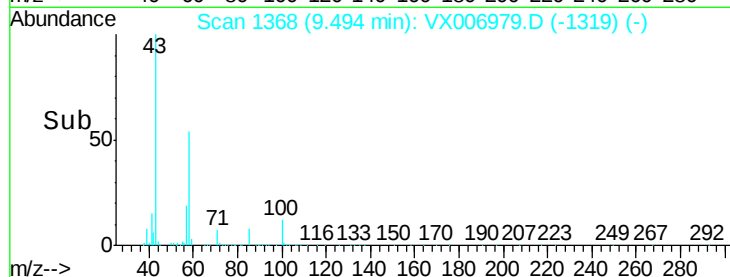
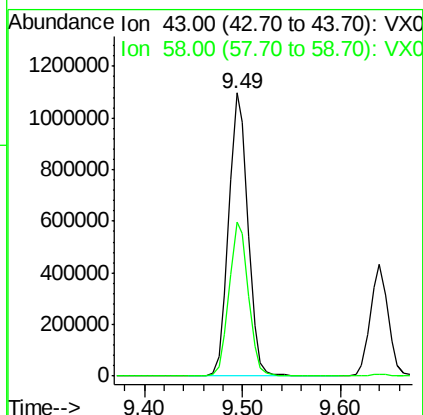
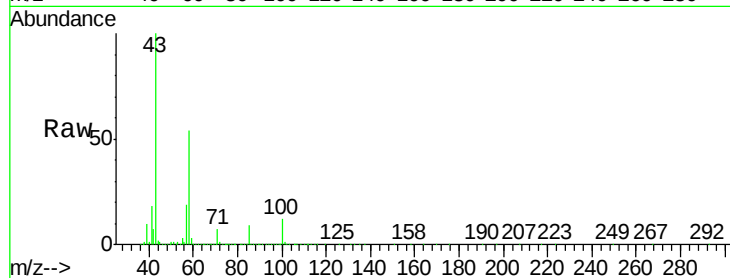




#59
2-Hexanone
Concen: 245.858 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

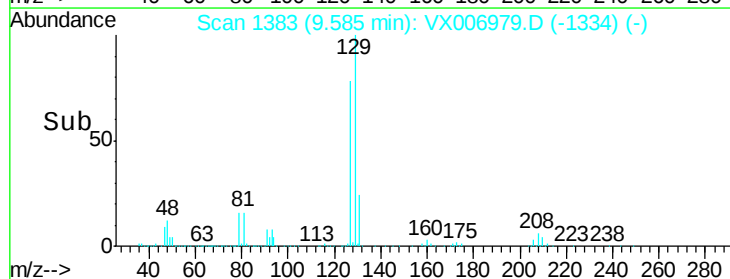
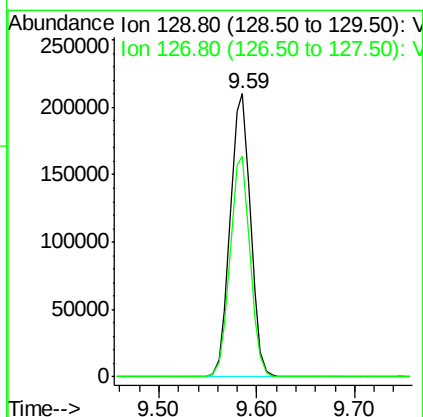
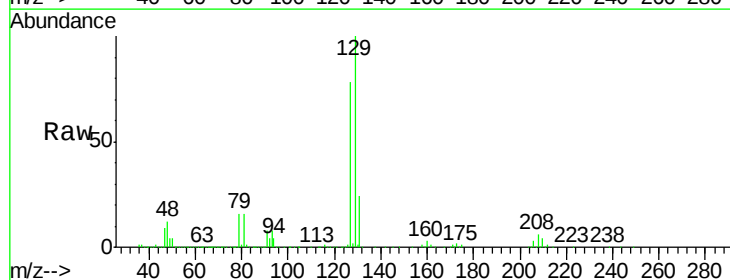
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

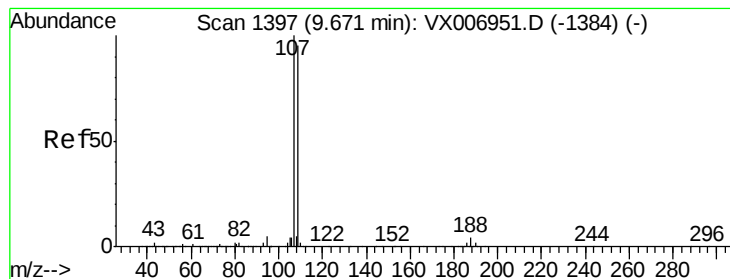
Tot Ion: 43 Resp: 1494429
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 54.297 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 129 Resp: 303758
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

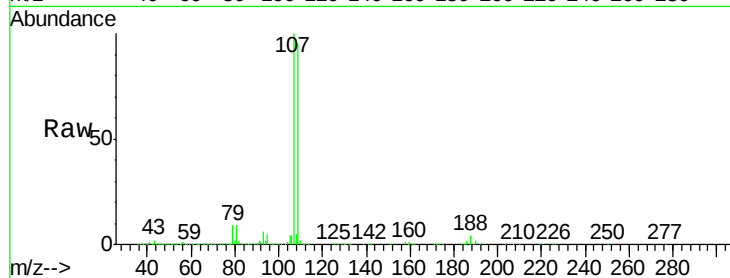
VSTDCCC050EC

Tot Ion:107 Resp: 317320

Ion Ratio Lower Upper

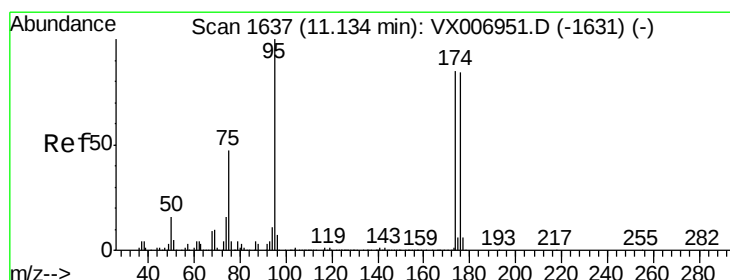
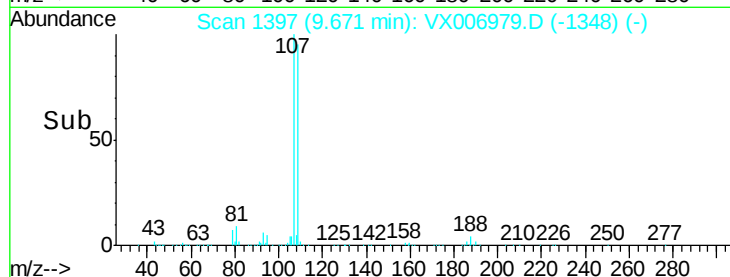
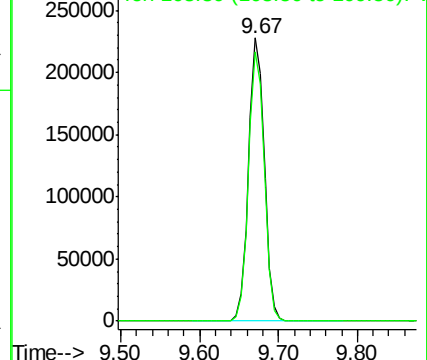
107 100

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: 48.477 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

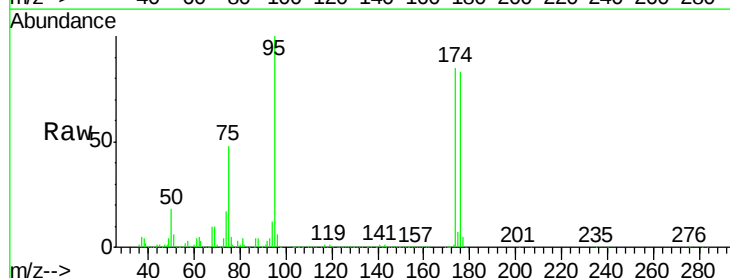
Tgt Ion: 95 Resp: 334420

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

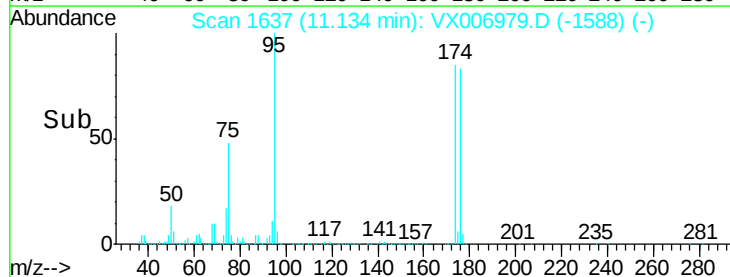
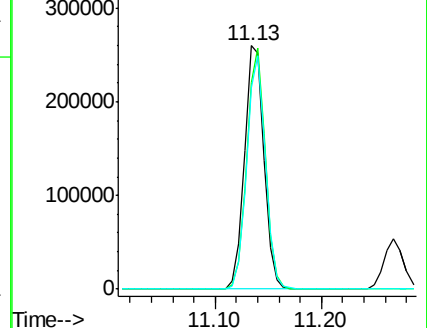
176 91.9 0.0 178.8

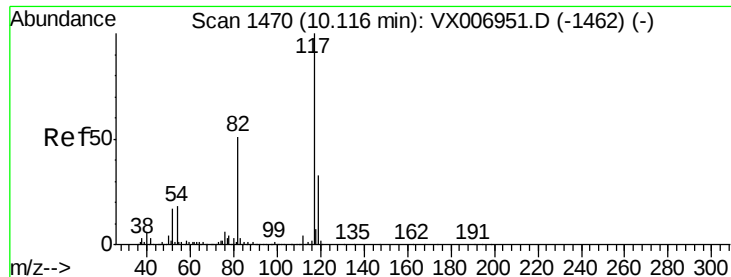


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

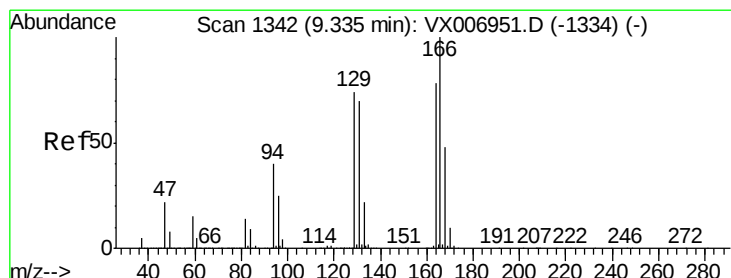
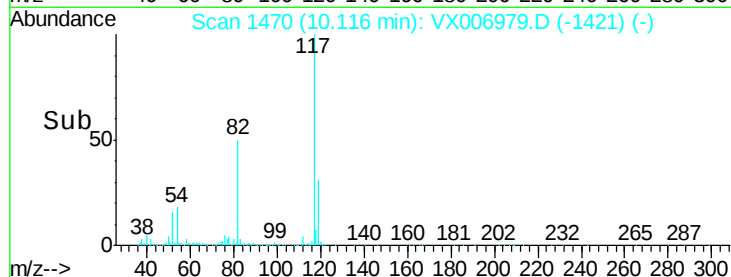
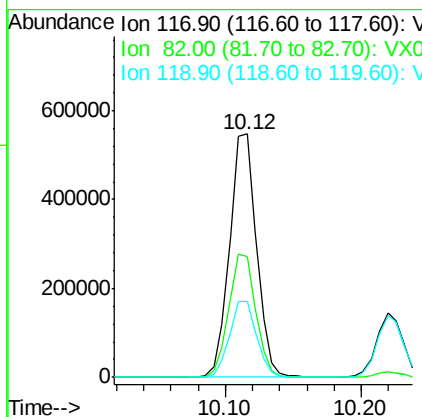
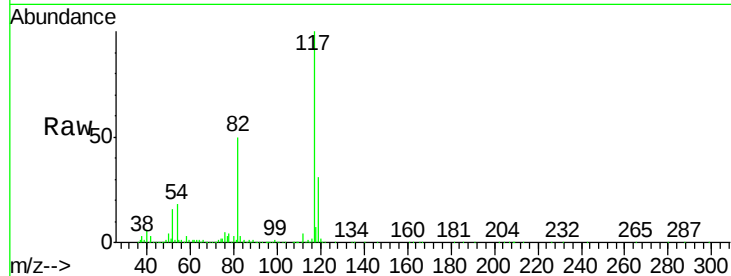




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

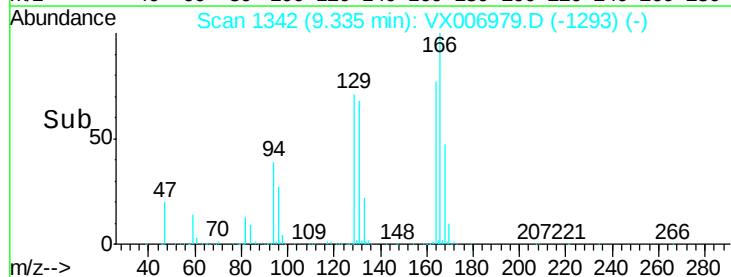
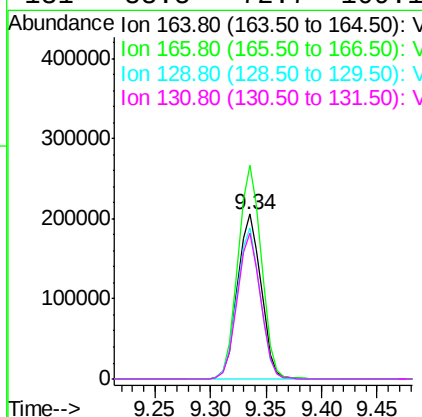
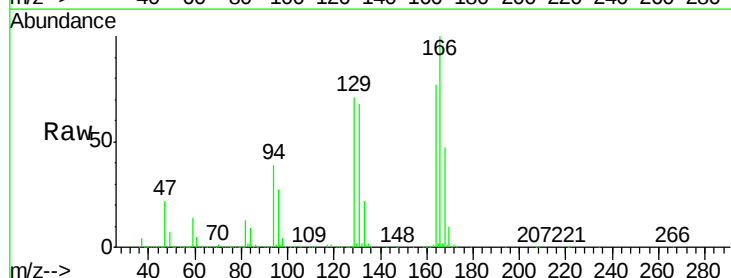
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

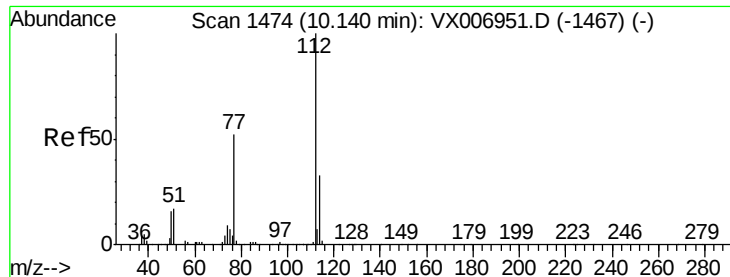
Tot Ion:117 Resp: 757214
Ion Ratio Lower Upper
117 100
82 49.8 41.0 61.6
119 31.0 25.4 38.0



#64
Tetrachloroethene
Concen: 46.281 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion:164 Resp: 303404
Ion Ratio Lower Upper
164 100
166 129.5 102.5 153.7
129 91.7 75.1 112.7
131 88.5 72.7 109.1





#65

Chlorobenzene

Concen: 48.205 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

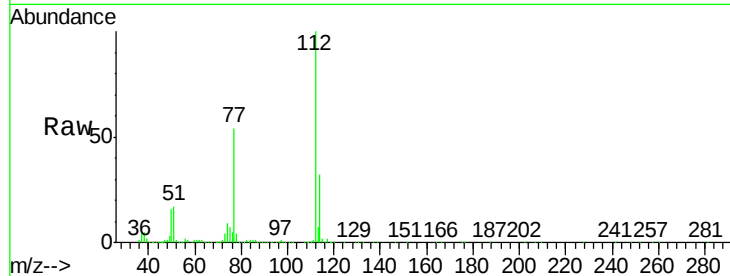
VSTDCCC050EC

Tot Ion:112 Resp: 796113

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

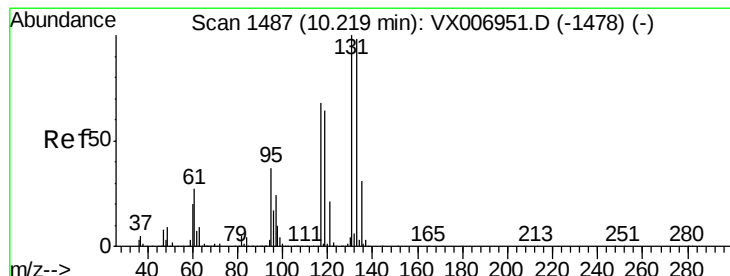
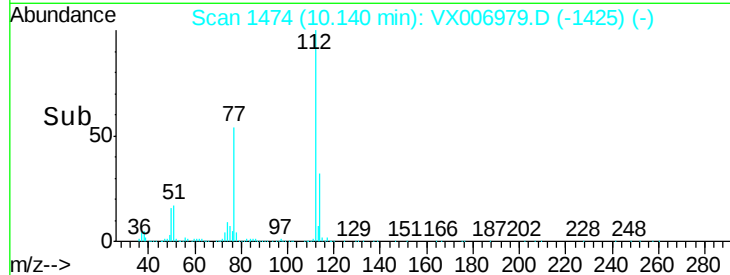
600000

400000

200000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 51.811 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

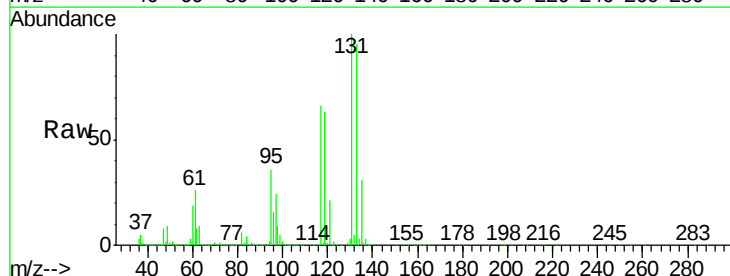
Tgt Ion:131 Resp: 287849

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

119 64.6 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

300000

250000

200000

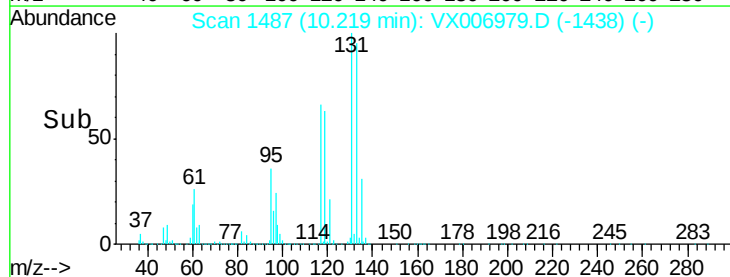
150000

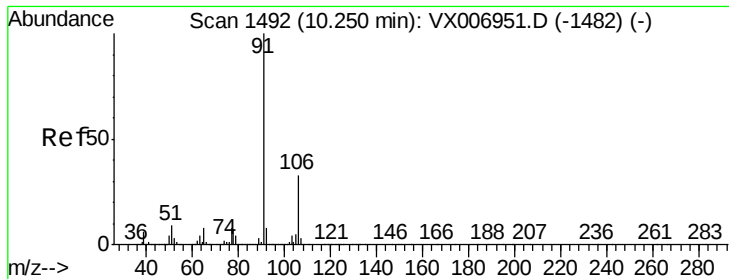
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 48.856 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

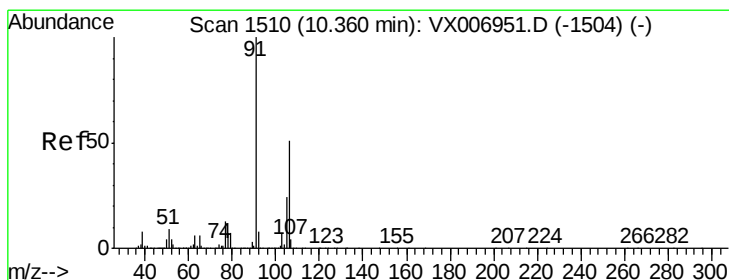
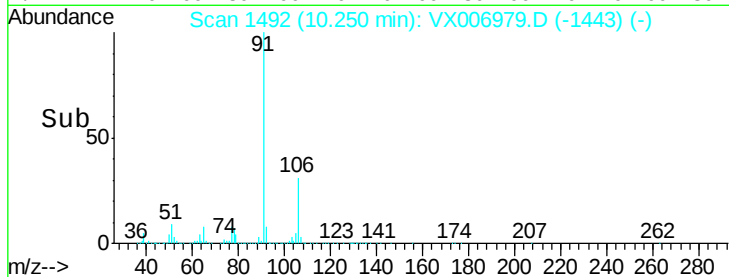
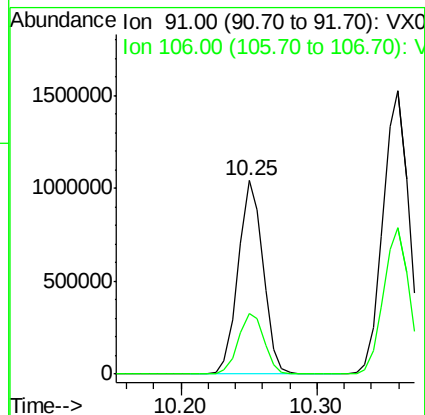
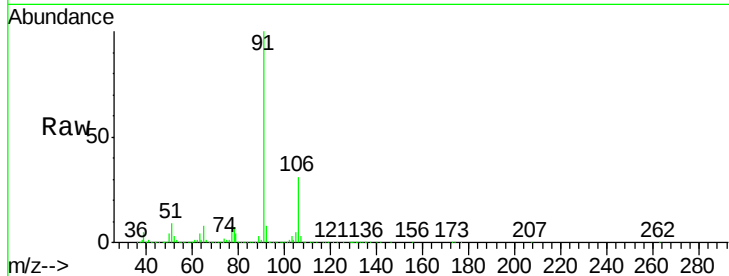
VSTDCCC050EC

Tot Ion: 91 Resp: 1332047

Ion Ratio Lower Upper

91 100

106 31.2 26.4 39.6



#68

m/p-Xylenes

Concen: 96.858 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006979.D

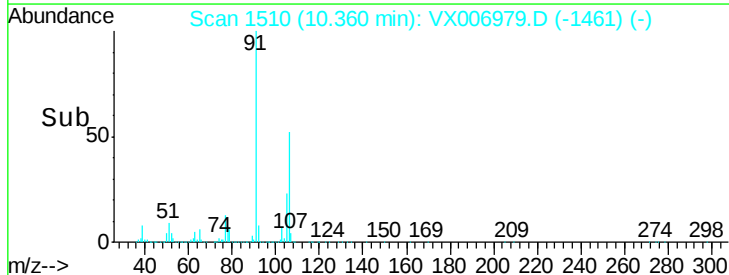
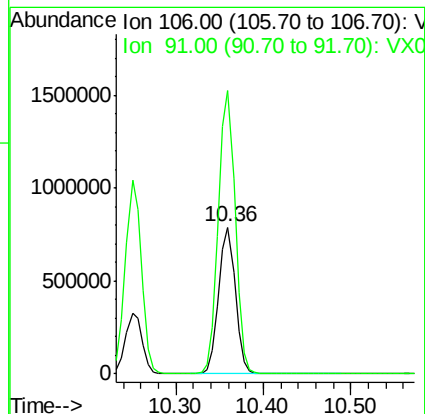
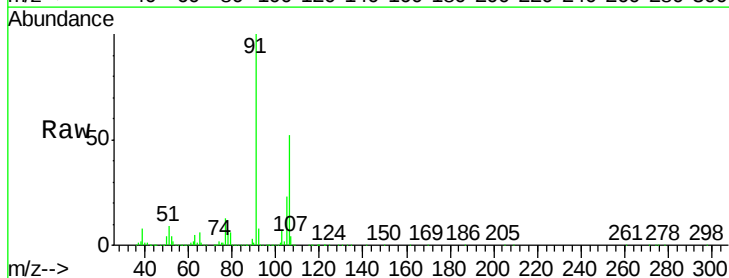
Acq: 09 Jan 2019 21:26

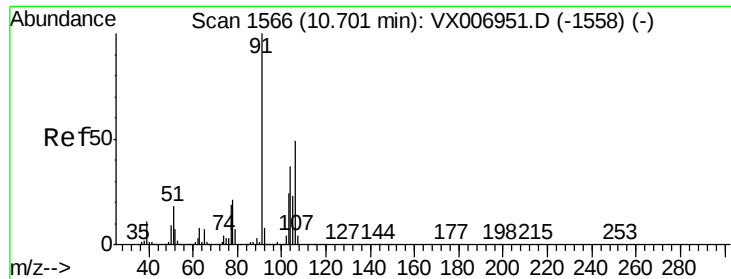
Tgt Ion: 106 Resp: 1040439

Ion Ratio Lower Upper

106 100

91 194.6 155.8 233.6

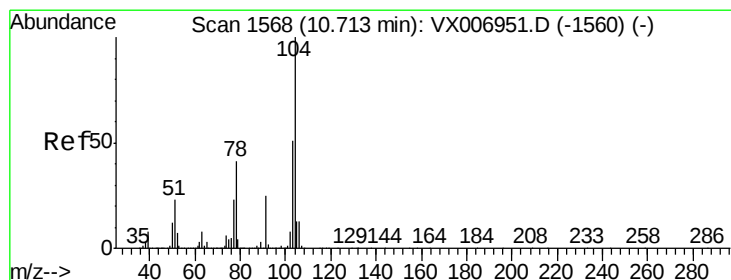
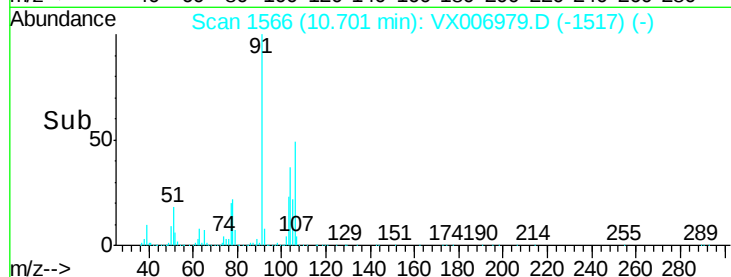
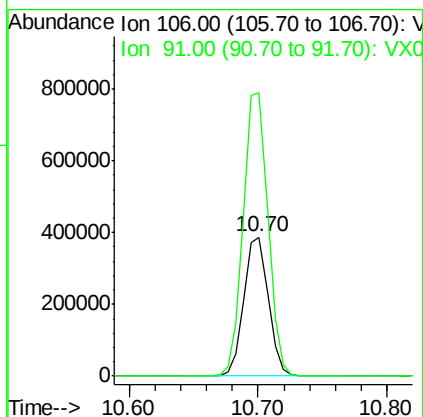
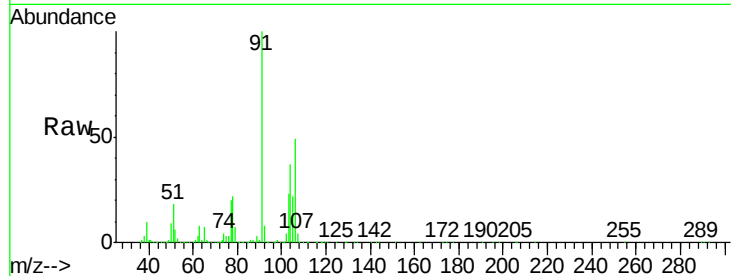




#69
o-Xylene
Concen: 48.488 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

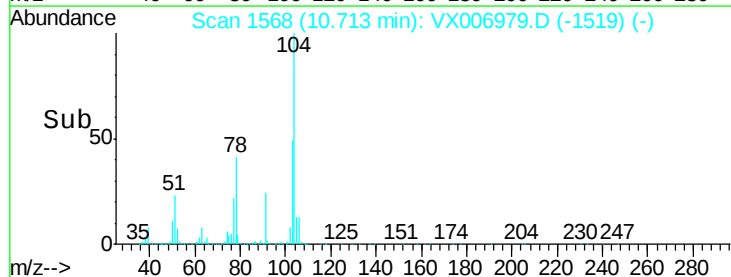
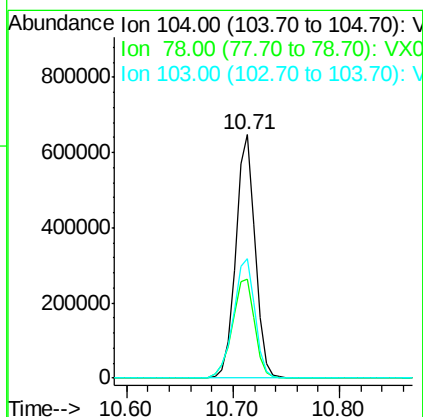
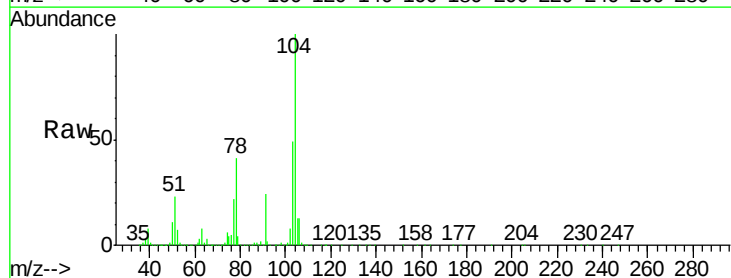
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

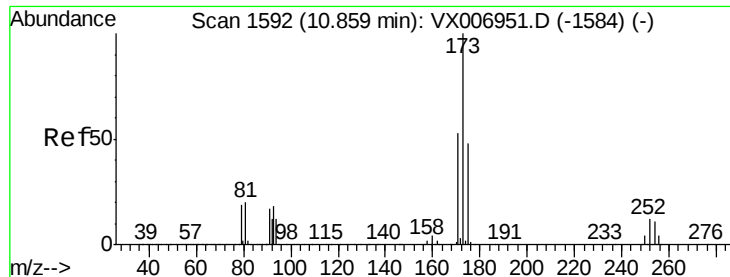
Tot Ion:106 Resp: 507957
Ion Ratio Lower Upper
106 100
91 206.0 101.3 303.7



#70
Styrene
Concen: 49.718 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion:104 Resp: 824905
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 54.9 43.8 65.8





#71

Bromoform

Concen: 44.788 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

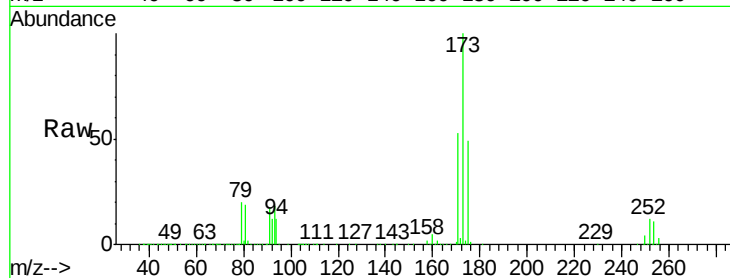
Tot Ion:173 Resp: 219918

Ion Ratio Lower Upper

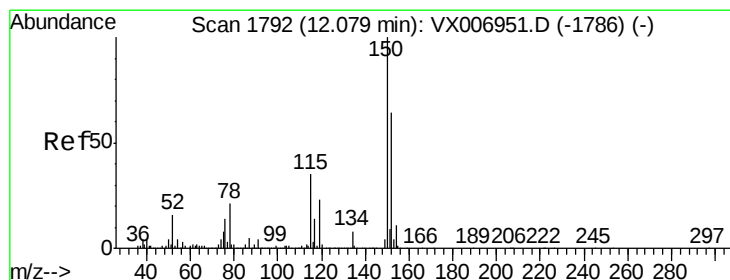
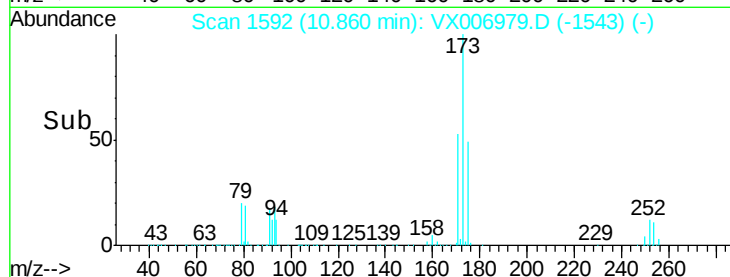
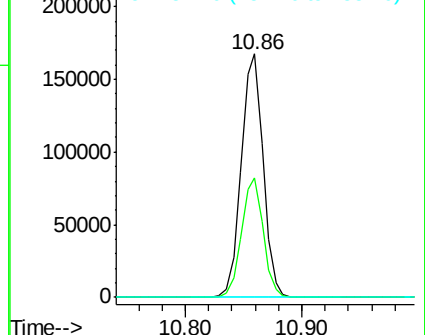
173 100

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

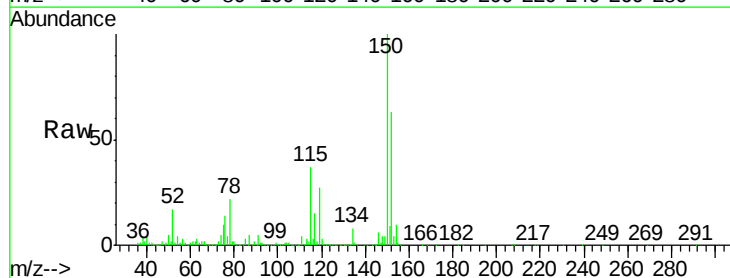
Tgt Ion:152 Resp: 380667

Ion Ratio Lower Upper

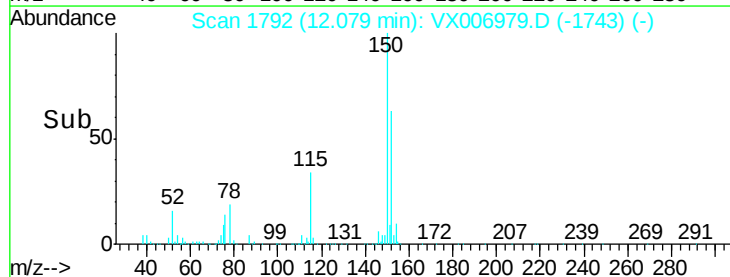
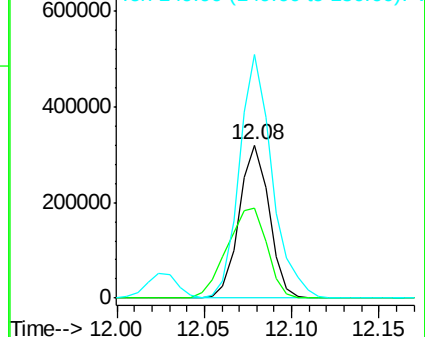
152 100

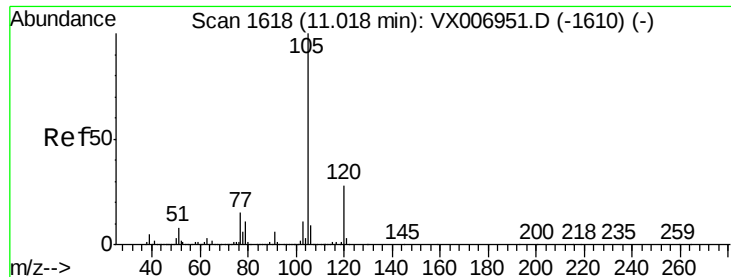
115 78.6 39.1 117.2

150 173.8 0.0 344.8



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





#73

Isopropylbenzene

Concen: 49.810 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

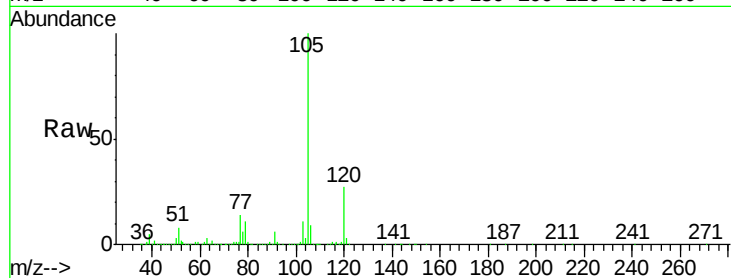
VSTDCCC050EC

Tot Ion:105 Resp: 1337025

Ion Ratio Lower Upper

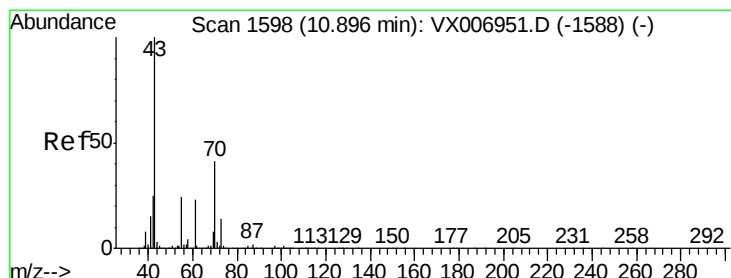
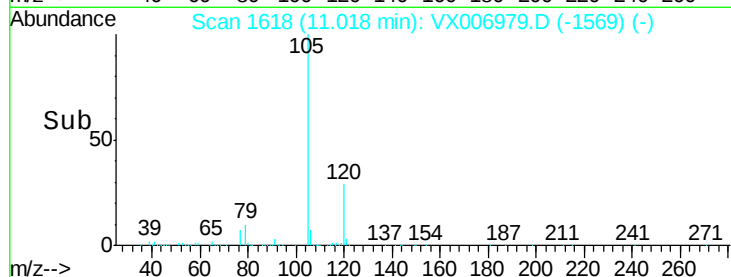
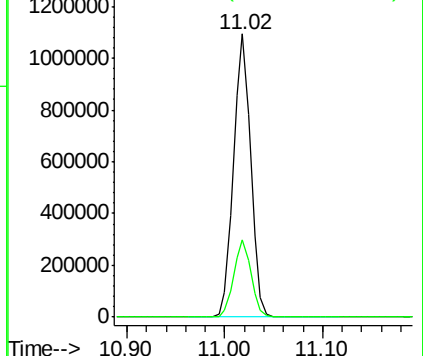
105 100

120 27.4 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: 50.406 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Tgt Ion: 43 Resp: 544749

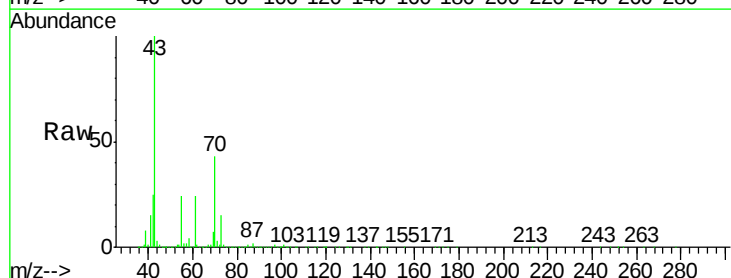
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 23.5 19.4 29.0

61 24.6 20.1 30.1

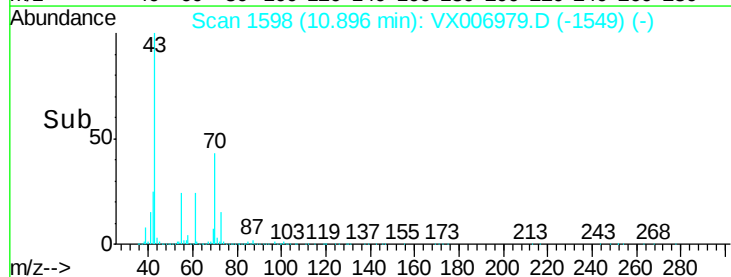
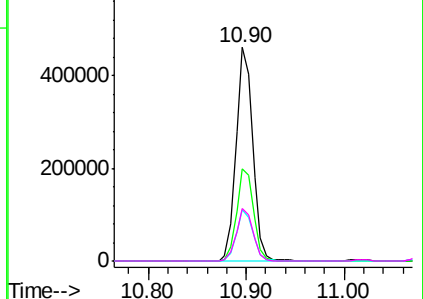


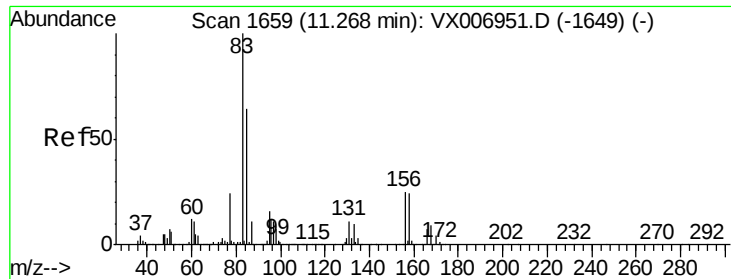
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.402 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

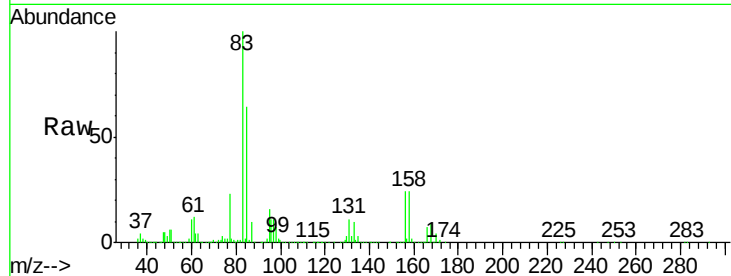
Tot Ion: 83 Resp: 420983

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

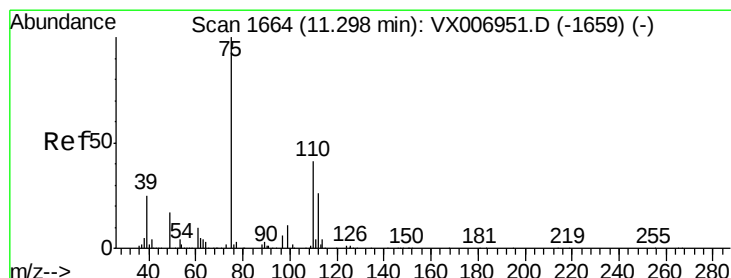
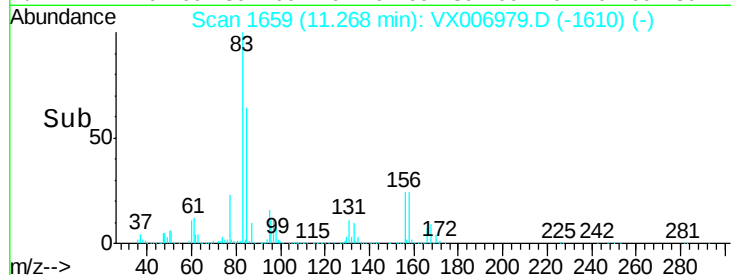
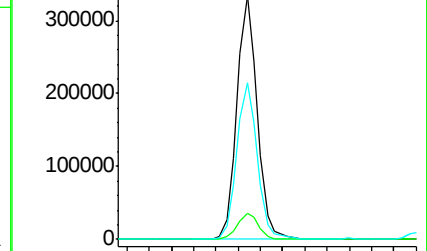
85 65.3 32.2 96.6



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: 61.813 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006979.D

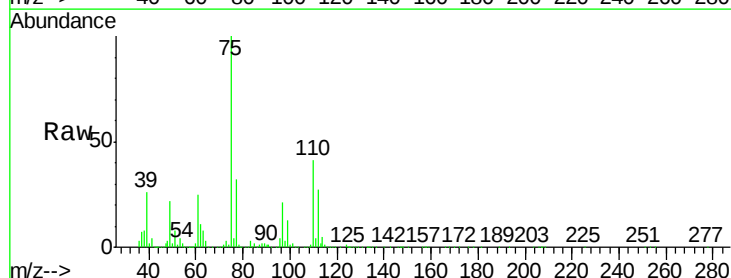
Acq: 09 Jan 2019 21:26

Tgt Ion: 75 Resp: 476831

Ion Ratio Lower Upper

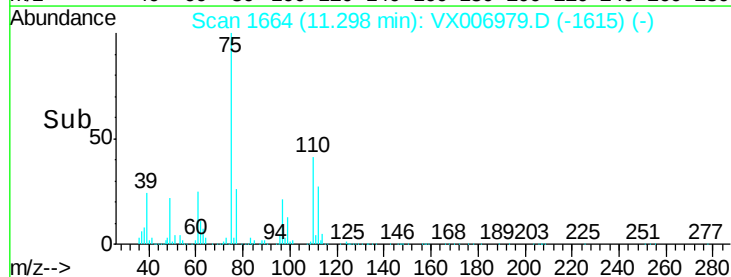
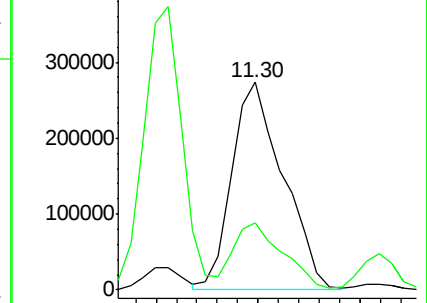
75 100

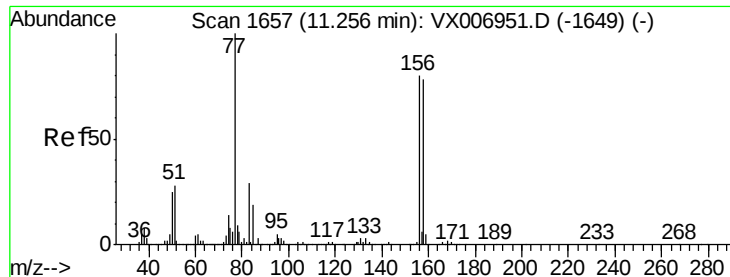
77 30.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.720 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

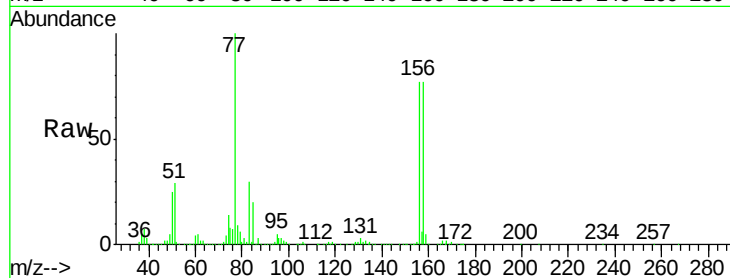
Tot Ion:156 Resp: 360340

Ion Ratio Lower Upper

156 100

77 134.9 68.0 204.0

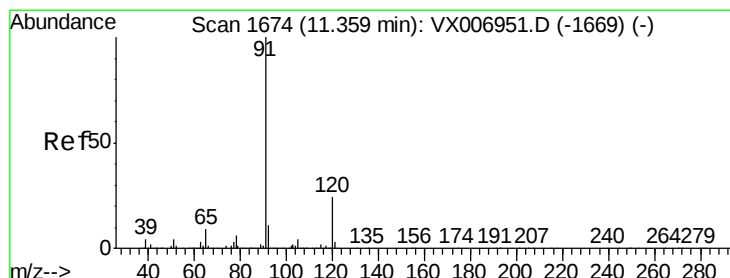
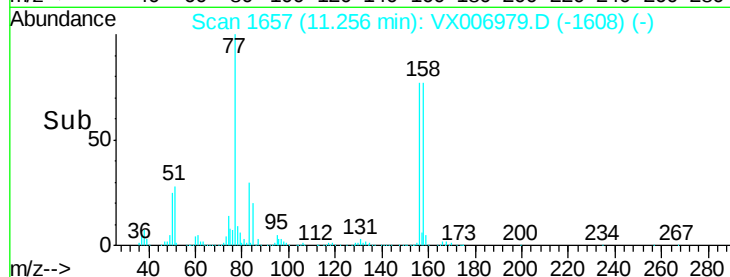
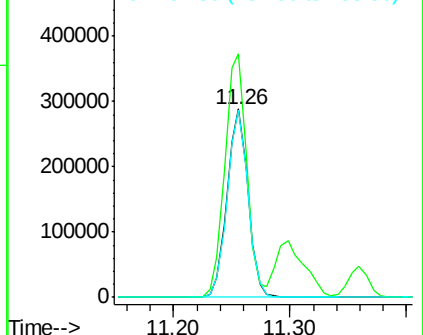
158 98.7 48.3 144.8



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: 50.594 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006979.D

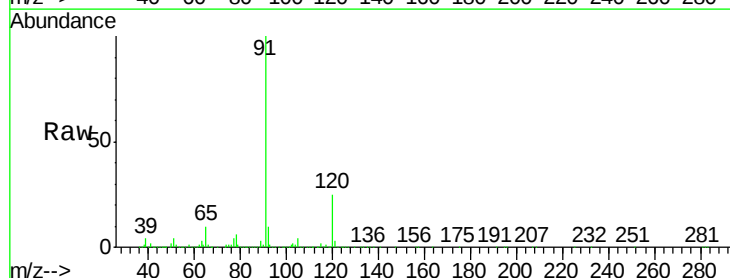
Acq: 09 Jan 2019 21:26

Tgt Ion: 91 Resp: 1490862

Ion Ratio Lower Upper

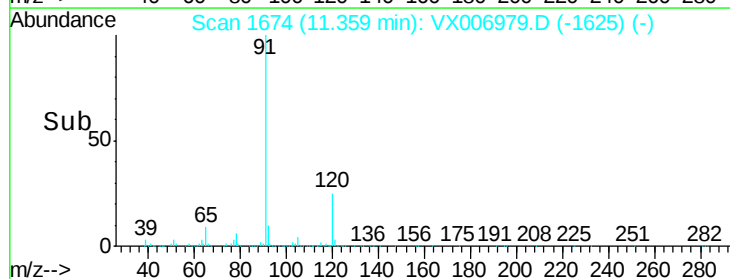
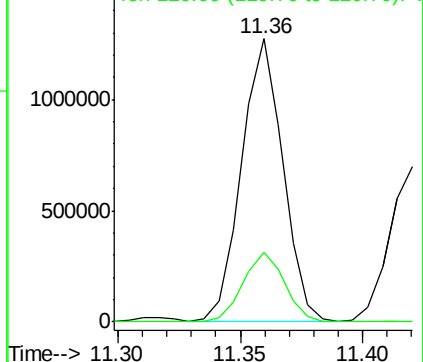
91 100

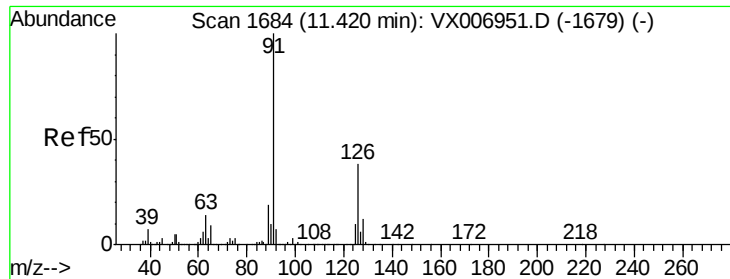
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.673 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

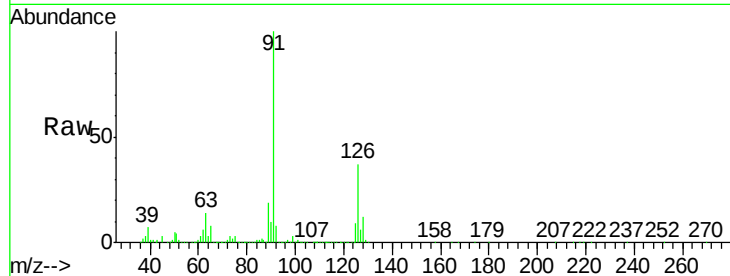
VSTDCCC050EC

Tot Ion: 91 Resp: 863369

Ion Ratio Lower Upper

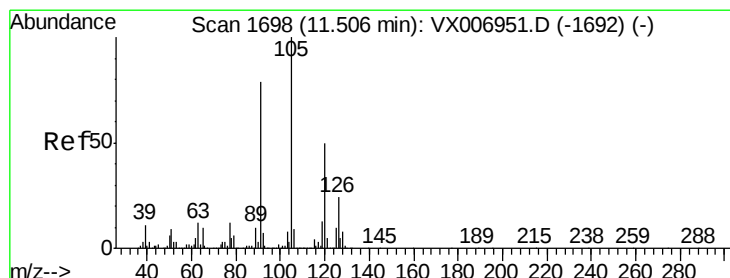
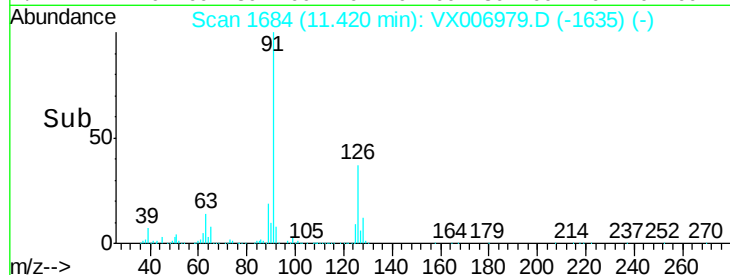
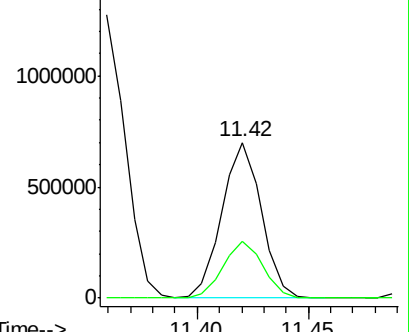
91 100

126 37.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.439 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006979.D

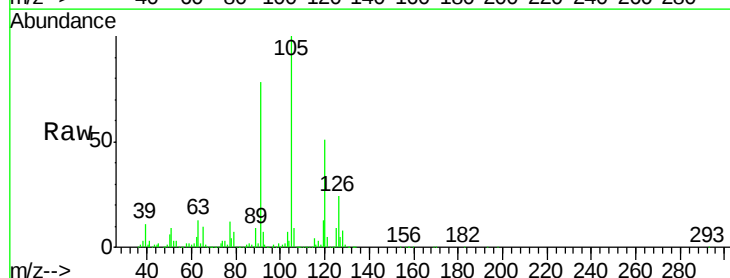
Acq: 09 Jan 2019 21:26

Tgt Ion: 105 Resp: 1108868

Ion Ratio Lower Upper

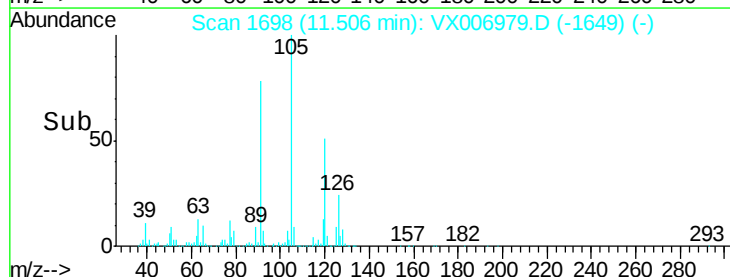
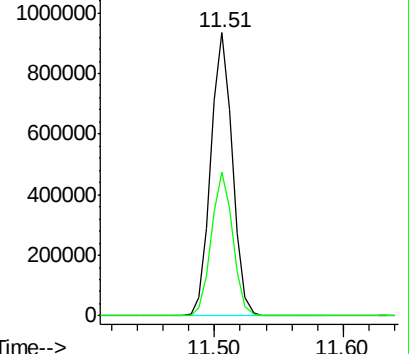
105 100

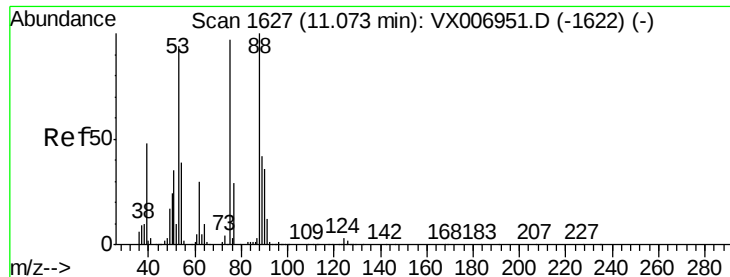
120 50.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.373 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

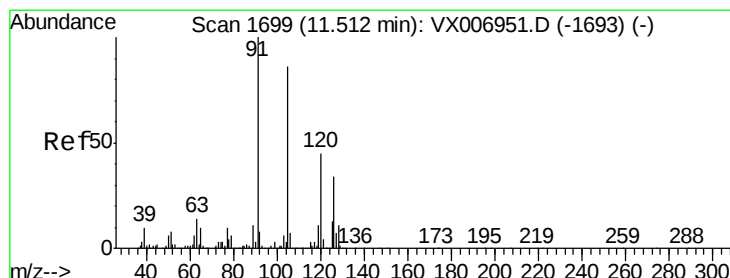
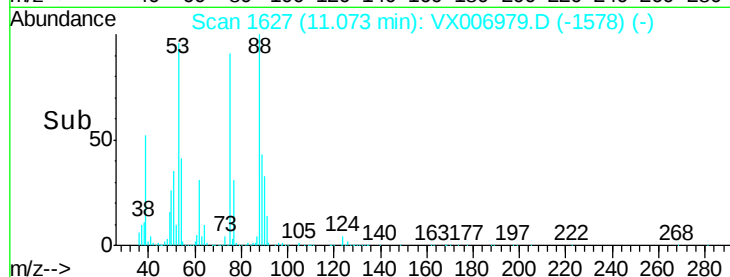
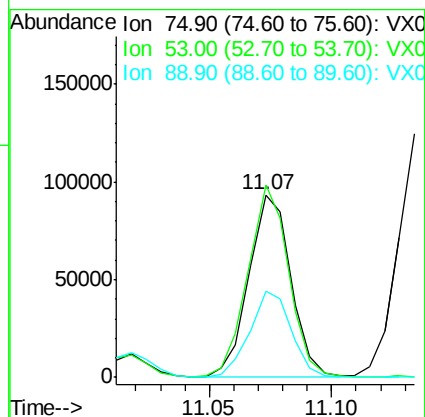
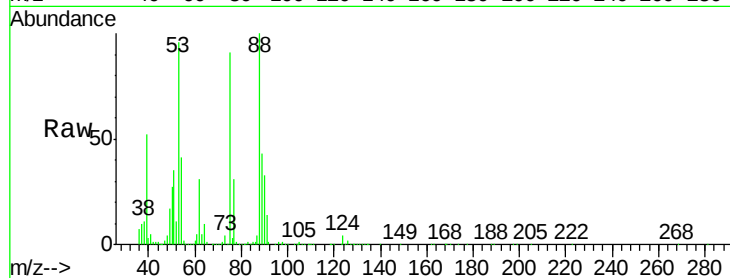
Tot Ion: 75 Resp: 112247

Ion Ratio Lower Upper

75 100

53 100.9 79.7 119.5

89 47.0 38.0 57.0



#82

4-Chlorotoluene

Concen: 49.352 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006979.D

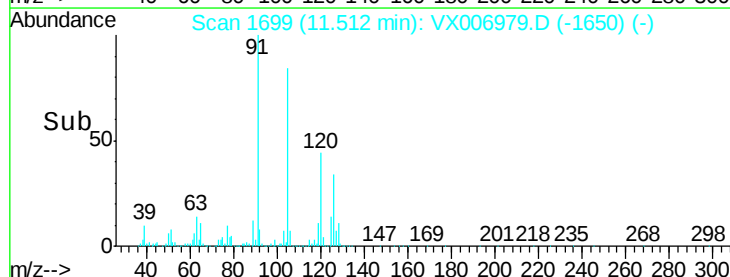
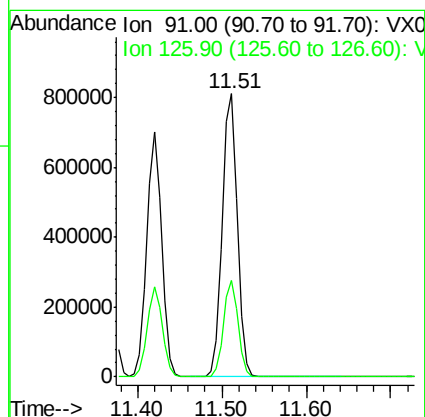
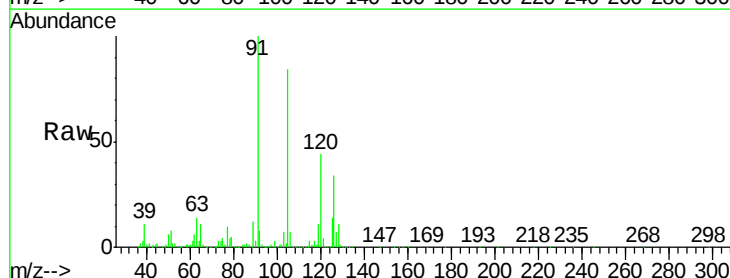
Acq: 09 Jan 2019 21:26

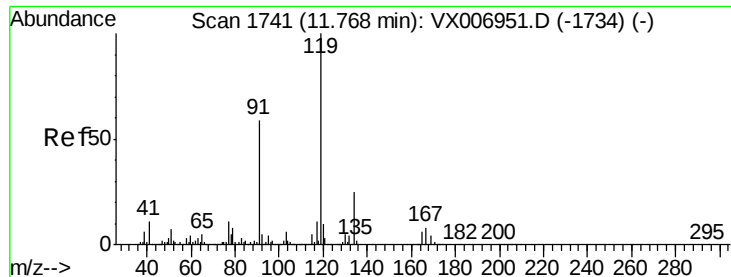
Tgt Ion: 91 Resp: 1013587

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9





#83

tert-Butylbenzene

Concen: 50.444 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

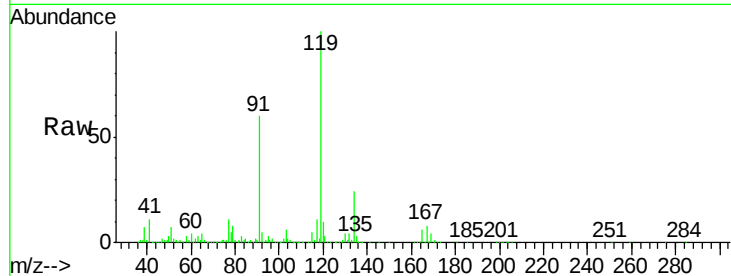
Tot Ion:119 Resp: 1128830

Ion Ratio Lower Upper

119 100

91 54.3 27.7 83.1

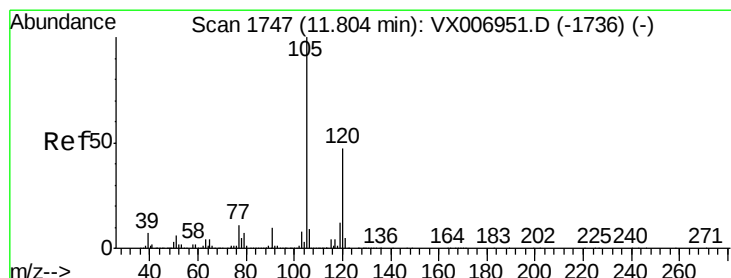
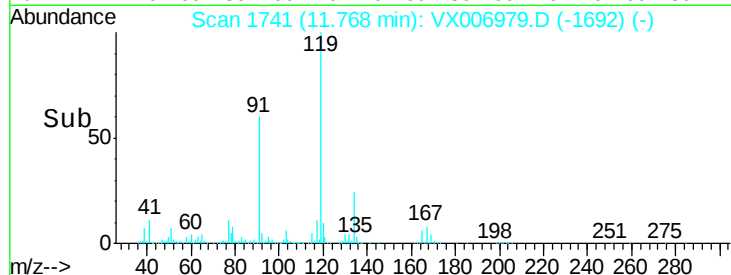
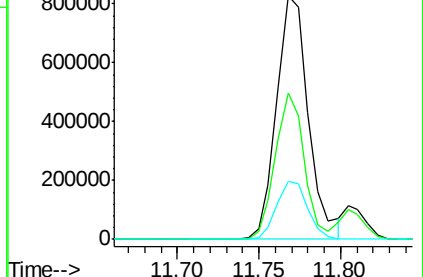
134 23.2 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.051 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006979.D

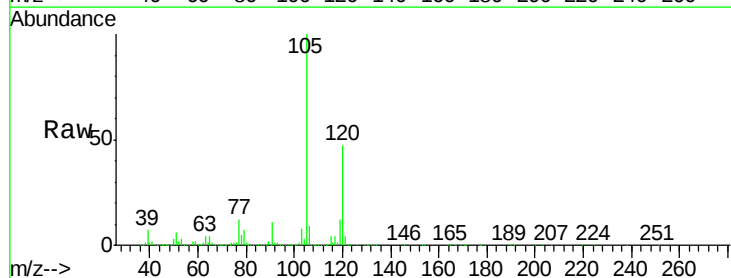
Acq: 09 Jan 2019 21:26

Tgt Ion:105 Resp: 1128867

Ion Ratio Lower Upper

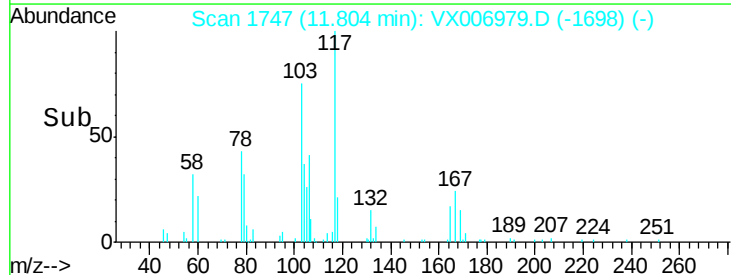
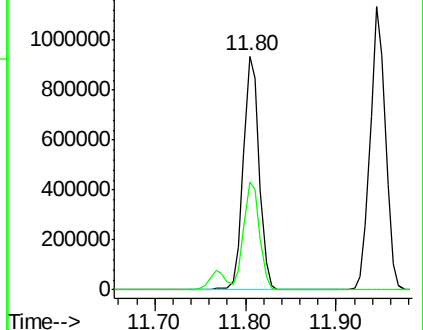
105 100

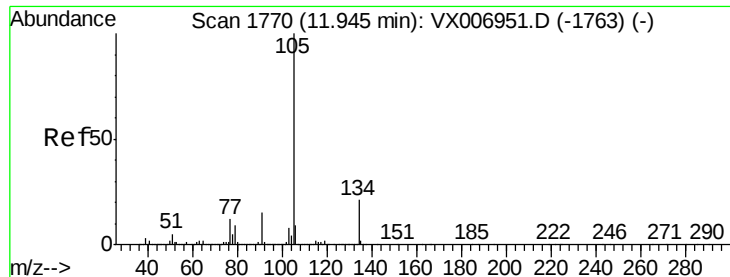
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.739 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

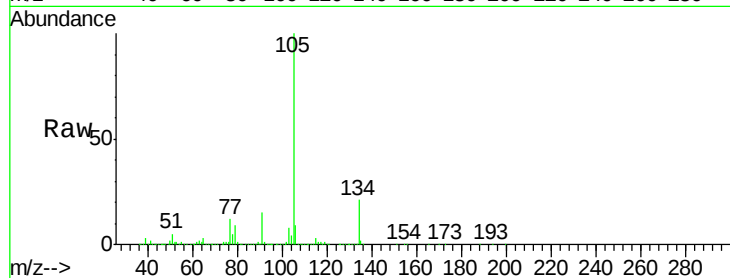
VSTDCCC050EC

Tot Ion:105 Resp: 1329283

Ion Ratio Lower Upper

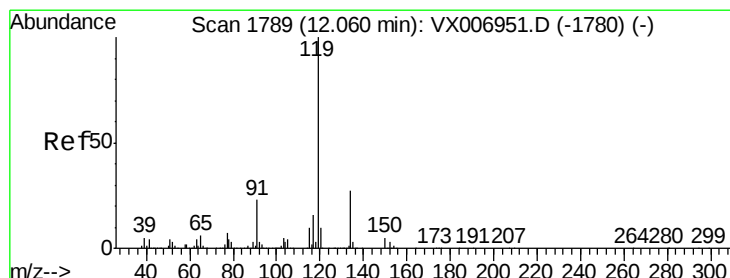
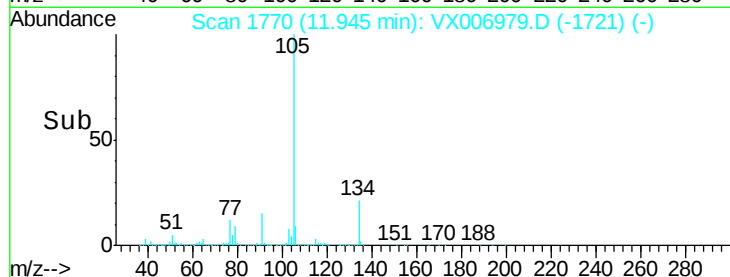
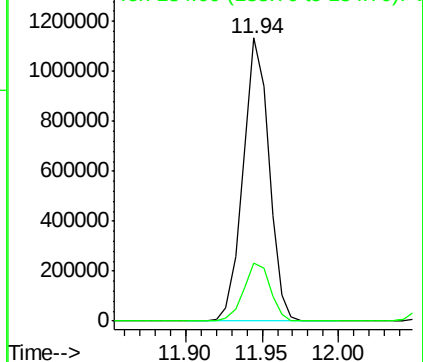
105 100

134 21.4 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: 49.746 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

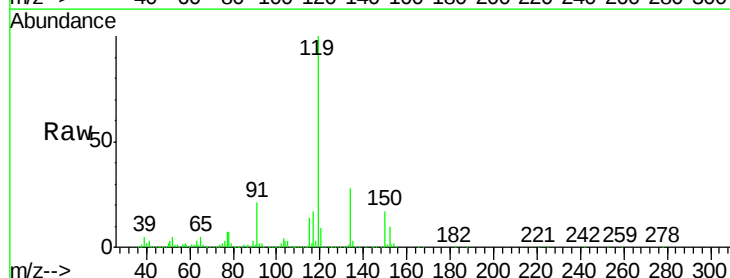
Tgt Ion:119 Resp: 1189171

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

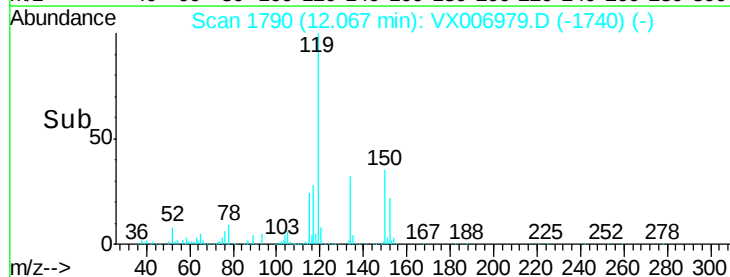
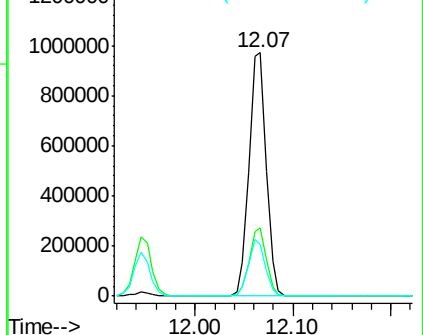
91 22.5 11.3 33.9

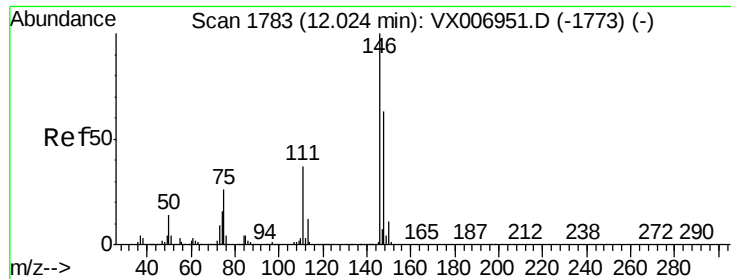


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

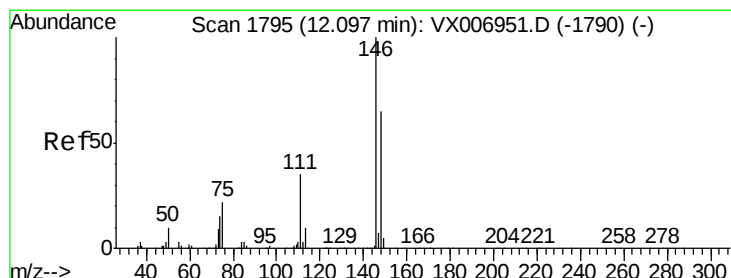
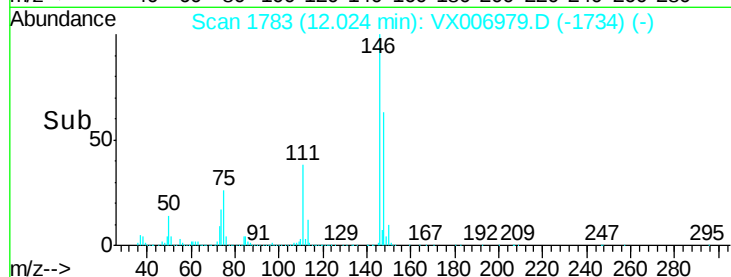
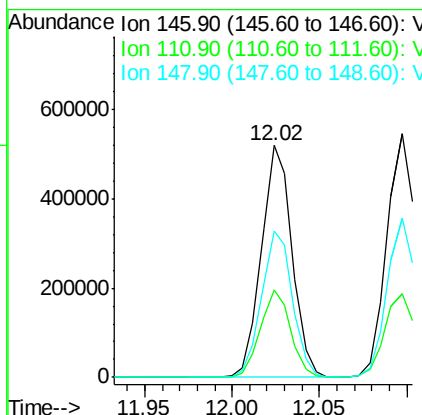
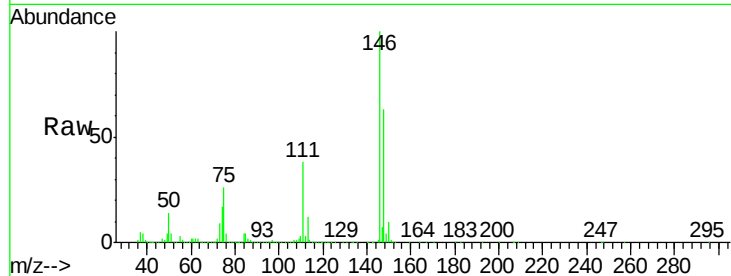




#87
 1,3-Dichlorobenzene
 Concen: 47.838 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

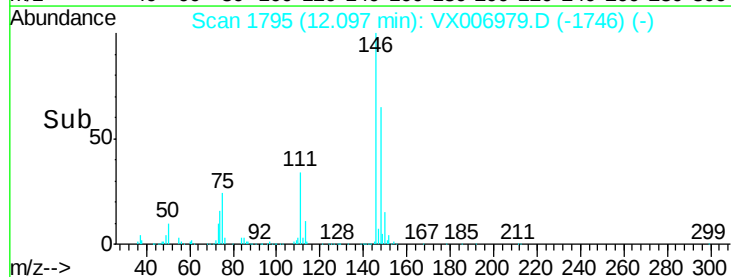
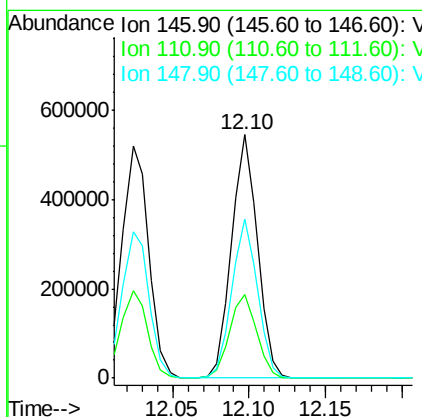
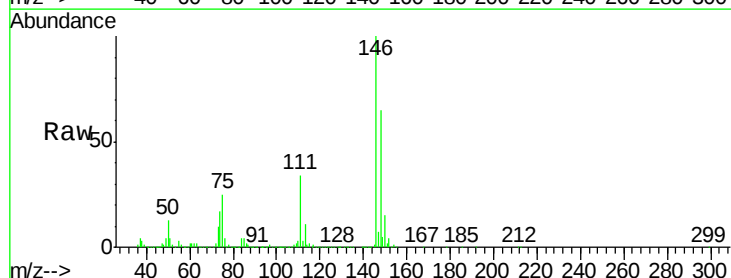
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 639510
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.603 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion:146 Resp: 640966
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 64.8 31.9 95.9

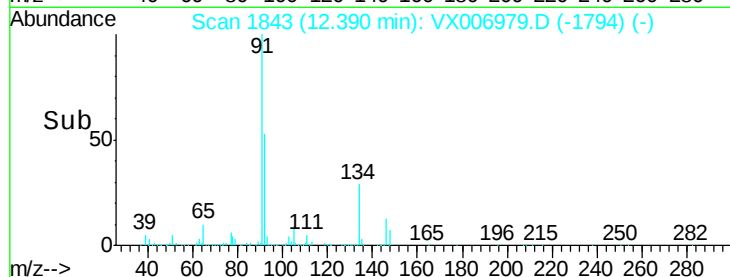
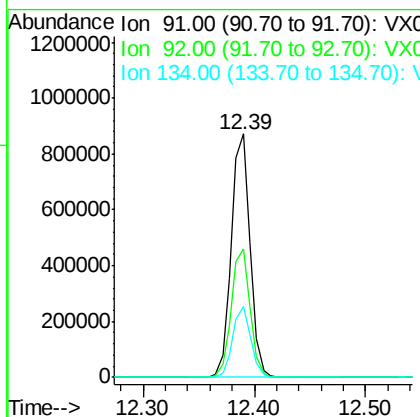
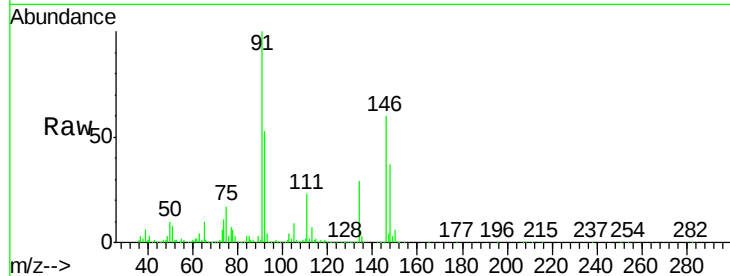




#89
n-Butylbenzene
Concen: 49.540 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

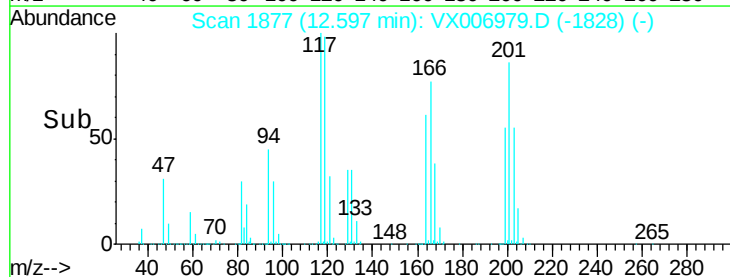
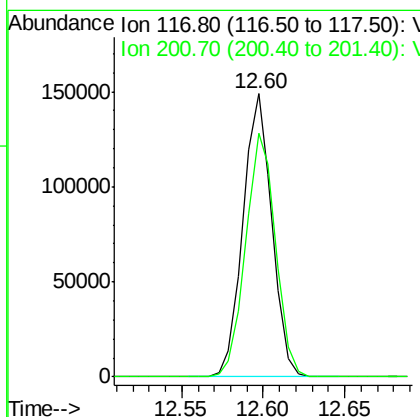
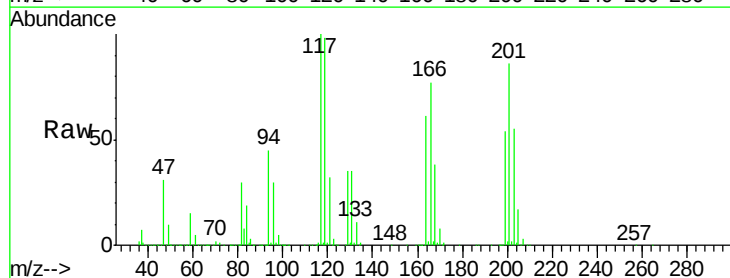
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

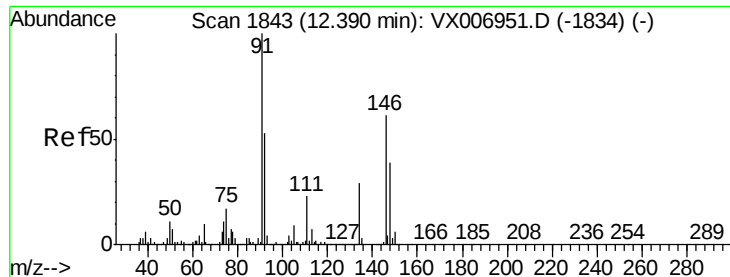
Tot Ion: 91 Resp: 1009532
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 48.375 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006979.D
Acq: 09 Jan 2019 21:26

Tgt Ion: 117 Resp: 184229
Ion Ratio Lower Upper
117 100
201 88.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.263 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

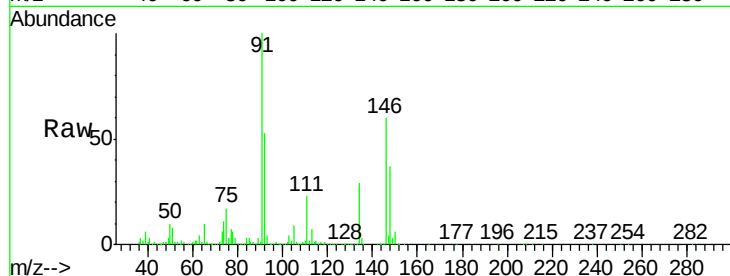
Tot Ion:146 Resp: 636710

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

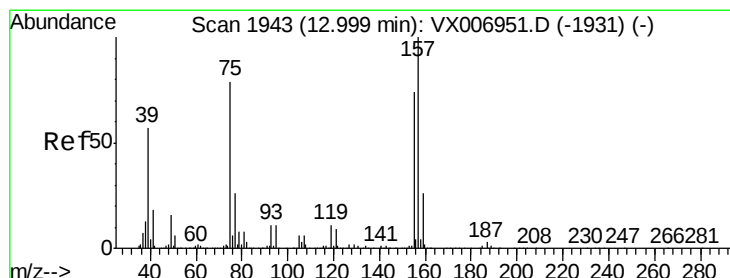
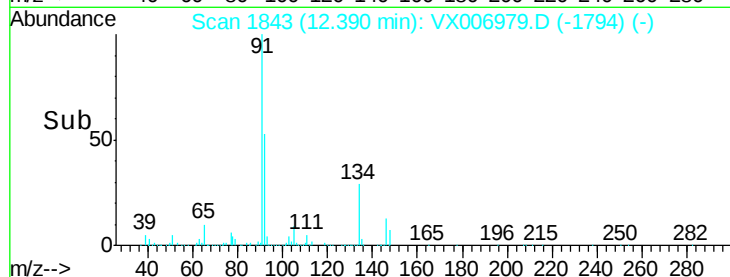
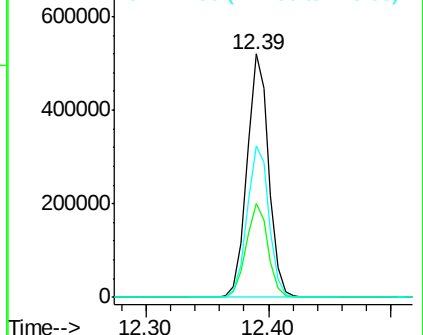
148 63.2 32.3 96.9



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: 52.299 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

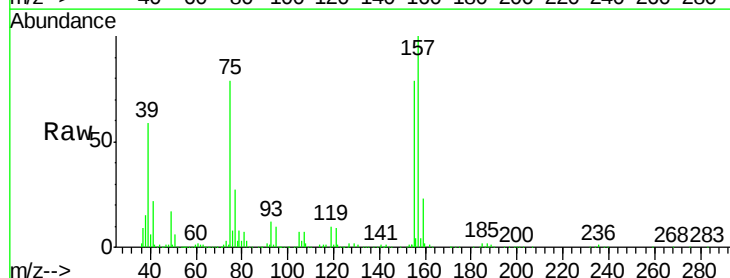
Tgt Ion: 75 Resp: 88142

Ion Ratio Lower Upper

75 100

155 102.8 50.6 151.8

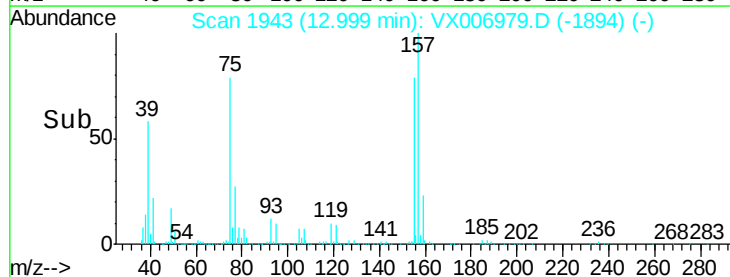
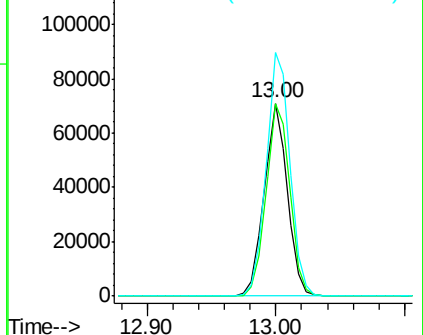
157 130.2 64.6 193.8



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

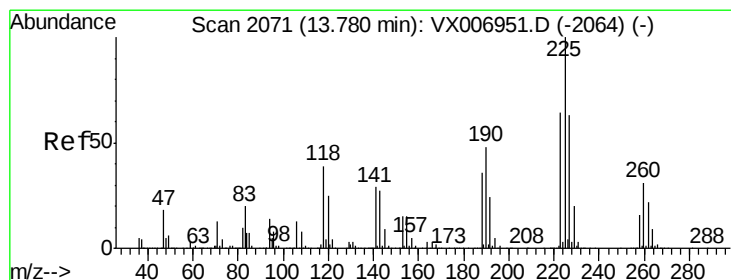
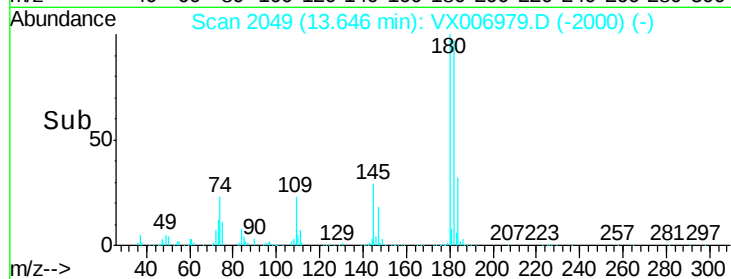
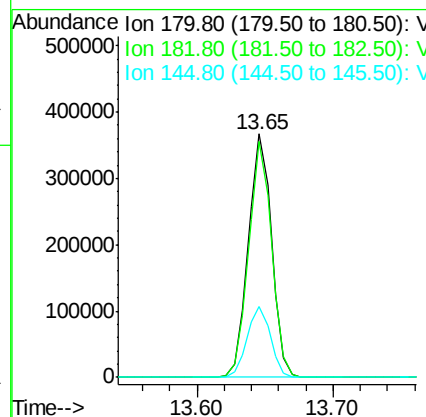
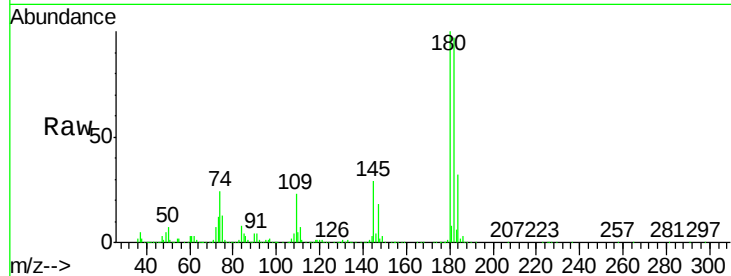




#93
 1,2,4-Trichlorobenzene
 Concen: 48.689 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

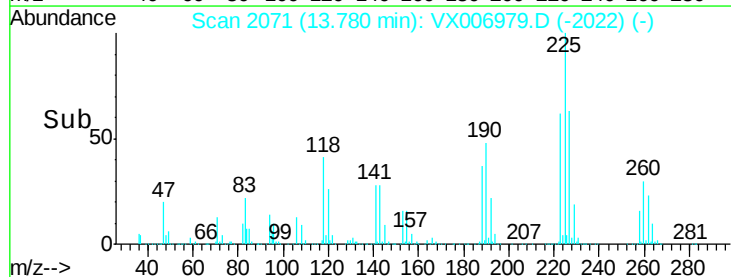
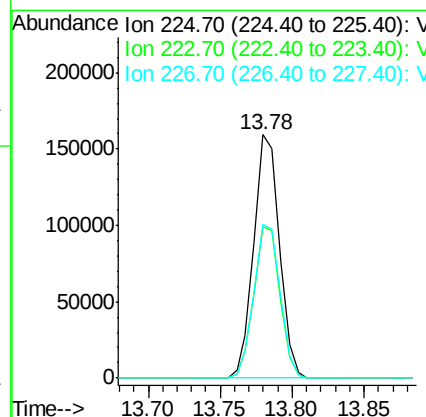
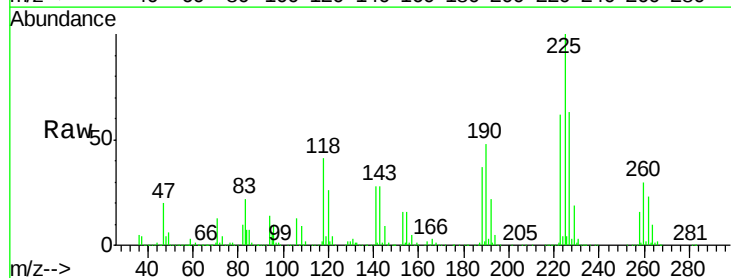
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 440685
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 29.2 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 48.720 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006979.D
 Acq: 09 Jan 2019 21:26

Tgt Ion:225 Resp: 195685
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.1 96.3
 227 64.5 32.3 96.8





#95

Naphthalene

Concen: 50.248 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

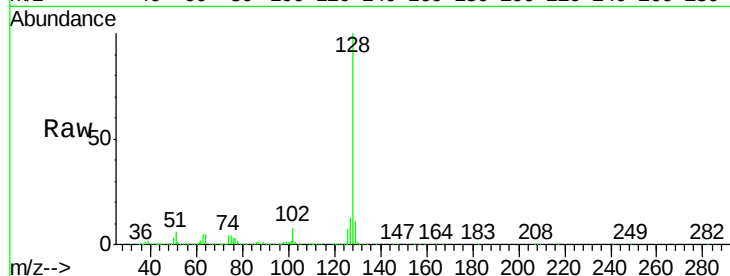
Tot Ion:128 Resp: 1378136

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

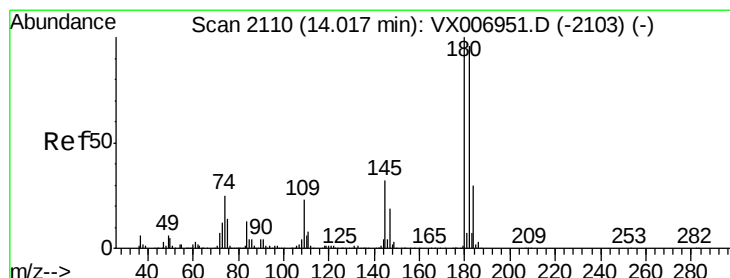
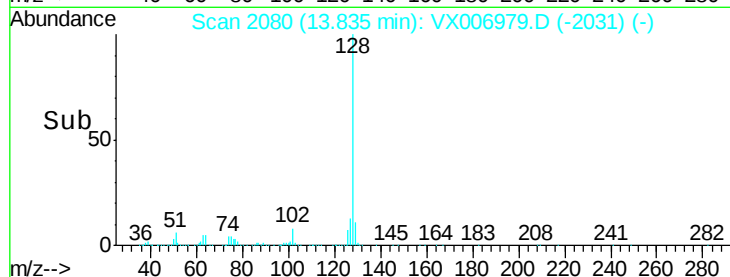
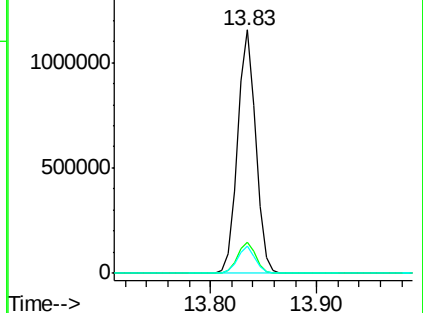
129 10.9 8.6 13.0



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: 48.524 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006979.D

Acq: 09 Jan 2019 21:26

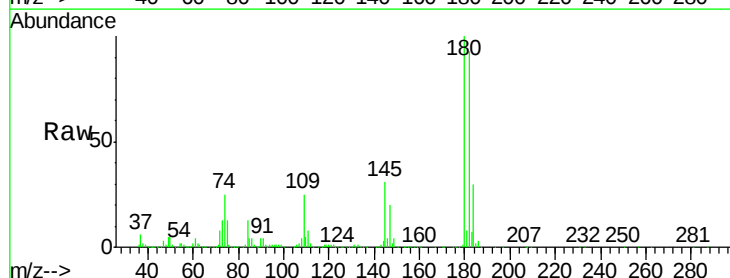
Tgt Ion:180 Resp: 436289

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.5

145 30.5 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

