

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011619\
 Data File : VX007076.D
 Acq On : 16 Jan 2019 16:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 17 00:00:26 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	5.66	168	514038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	748946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	705922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	267907	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	5.50	113	242209	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	907654	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.13	95	340186	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	217152	51.442	ug/l 96
3) Chloromethane	1.33	50	236154	48.056	ug/l 99
4) Vinyl Chloride	1.41	62	250249	47.341	ug/l 99
5) Bromomethane	1.64	94	252527	44.713	ug/l 96
6) Chloroethane	1.71	64	161957	43.879	ug/l 100
7) Trichlorofluoromethane	1.93	101	400188	46.854	ug/l 95
8) Diethyl Ether	2.19	74	151647	44.628	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	242733	47.469	ug/l 100
10) Methyl Iodide	2.51	142	357956	51.895	ug/l 100
11) Tert butyl alcohol	3.06	59	271274	214.065	ug/l 100
12) 1,1-Dichloroethene	2.37	96	218330	46.213	ug/l 99
13) Acrolein	2.29	56	116358	213.355	ug/l 100
14) Allyl chloride	2.73	41	376187	46.461	ug/l 99
15) Acrylonitrile	3.15	53	660443	227.023	ug/l 99
16) Acetone	2.45	43	602308	226.789	ug/l 98
17) Carbon Disulfide	2.57	76	519683	42.725	ug/l 99
18) Methyl Acetate	2.78	43	353507	45.963	ug/l 96
19) Methyl tert-butyl Ether	3.20	73	752757	45.906	ug/l 99
20) Methylene Chloride	2.85	84	250356	49.557	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	232417	44.145	ug/l 99
22) Diisopropyl ether	3.86	45	759337	49.885	ug/l 94
23) Vinyl Acetate	3.82	43	3186123	248.202	ug/l 98
24) 1,1-Dichloroethane	3.70	63	418406	49.158	ug/l 98
25) 2-Butanone	4.69	43	892247	234.797	ug/l 99
26) 2,2-Dichloropropane	4.58	77	312752	47.785	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	266412	45.876	ug/l 97
28) Bromochloromethane	5.02	49	177982	47.727	ug/l 98
29) Tetrahydrofuran	5.15	42	555581	224.970	ug/l 97
30) Chloroform	5.21	83	428786	48.116	ug/l 98
31) Cyclohexane	5.57	56	357274	47.161	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	363161	48.079	ug/l 99
36) 1,1-Dichloropropene	5.79	75	309410	47.518	ug/l 100
37) Ethyl Acetate	4.85	43	326007	46.700	ug/l 98
38) Carbon Tetrachloride	5.78	117	320716	48.954	ug/l 97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	402980	48.545	ug/l	98
40) Benzene	6.14	78	943296	47.477	ug/l	99
41) Methacrylonitrile	5.06	41	185088	46.024	ug/l	97
42) 1,2-Dichloroethane	6.19	62	322876	47.027	ug/l	99
43) Isopropyl Acetate	6.45	43	526573	47.821	ug/l	98
44) Trichloroethene	7.21	130	279565	46.956	ug/l	96
45) 1,2-Dichloropropane	7.51	63	241678	48.384	ug/l	99
46) Dibromomethane	7.66	93	168921	48.119	ug/l	98
47) Bromodichloromethane	7.90	83	303539	50.798	ug/l	100
48) Methyl methacrylate	7.77	41	277810	49.128	ug/l	97
49) 1,4-Dioxane	7.75	88	123672	957.309	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1771407	250.319	ug/l	98
52) Toluene	8.78	92	614794	48.143	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	341415	51.527	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	373471	51.040	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	263676	51.586	ug/l	99
56) Ethyl methacrylate	9.18	69	386300	51.769	ug/l	96
57) 1,3-Dichloropropane	9.37	76	410532	49.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	974541	254.009	ug/l	99
59) 2-Hexanone	9.49	43	1334279	247.420	ug/l	99
60) Dibromochloromethane	9.58	129	272342	54.871	ug/l	99
61) 1,2-Dibromoethane	9.67	107	282522	50.207	ug/l	100
64) Tetrachloroethene	9.34	164	276627	45.262	ug/l	96
65) Chlorobenzene	10.13	112	736304	47.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	263091	50.796	ug/l	100
67) Ethyl Benzene	10.25	91	1217229	47.889	ug/l	100
68) m/p-Xylenes	10.36	106	986784	98.538	ug/l	100
69) o-Xylene	10.69	106	481783	49.331	ug/l	98
70) Styrene	10.71	104	782683	50.600	ug/l	99
71) Bromoform	10.85	173	205822	44.945	ug/l	99
73) Isopropylbenzene	11.02	105	1290162	47.949	ug/l	98
74) N-amyl acetate	10.90	43	495190	45.710	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	387120	45.319	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	436638	56.467	ug/l	94
77) Bromobenzene	11.26	156	343901	46.386	ug/l	99
78) n-propylbenzene	11.36	91	1456556	49.311	ug/l	99
79) 2-Chlorotoluene	11.42	91	839841	47.233	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1077631	47.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	109405	43.250	ug/l	99
82) 4-Chlorotoluene	11.51	91	995304	48.345	ug/l	100
83) tert-Butylbenzene	11.77	119	1072773	47.824	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1094181	48.397	ug/l	100
85) sec-Butylbenzene	11.94	105	1324017	49.423	ug/l	100
86) p-Isopropyltoluene	12.06	119	1196516	49.933	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	630794	47.072	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	629304	49.565	ug/l	100
89) n-Butylbenzene	12.38	91	1045897	51.201	ug/l	99
90) Hexachloroethane	12.60	117	182730	47.896	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	612461	46.313	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80170	47.454	ug/l	98

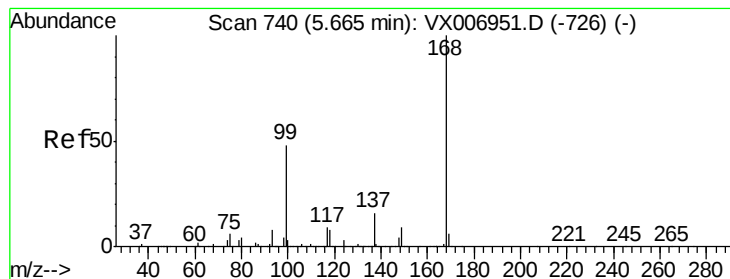
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	445075	49.055	ug/l	99
94) Hexachlorobutadiene	13.78	225	203746	50.605	ug/l	99
95) Naphthalene	13.83	128	1298881	47.244	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	436131	48.390	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

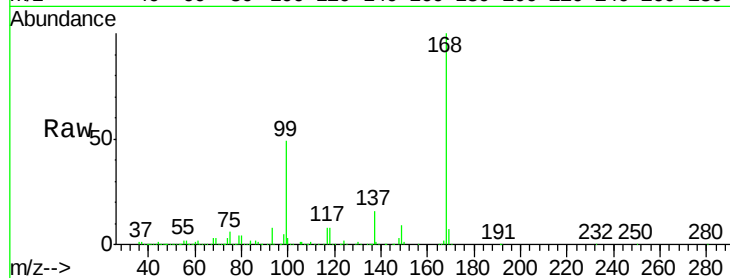
VSTDCCC050EC

Tot Ion:168 Resp: 514038

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

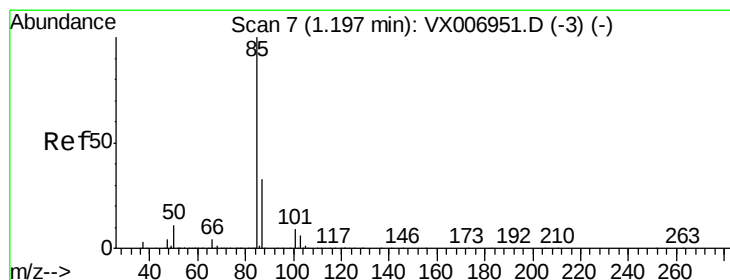
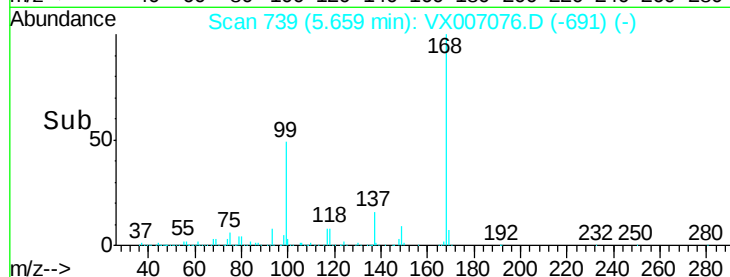
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.442 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007076.D

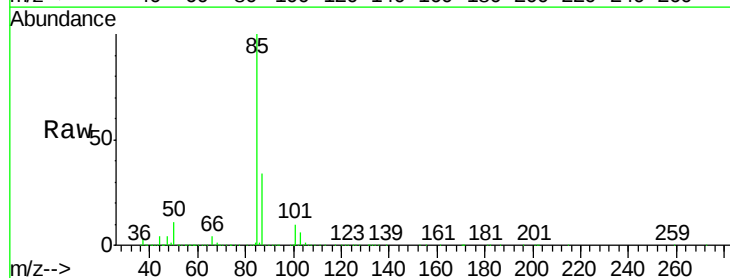
Acq: 16 Jan 2019 16:50

Tgt Ion: 85 Resp: 217152

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

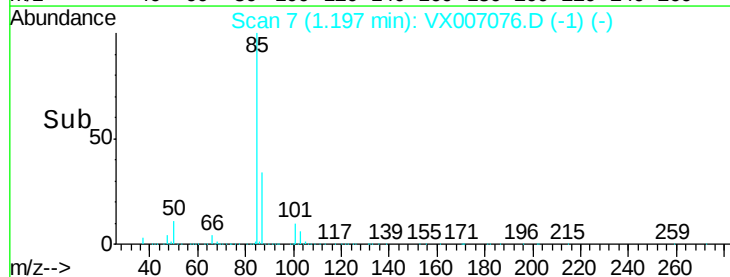
150000

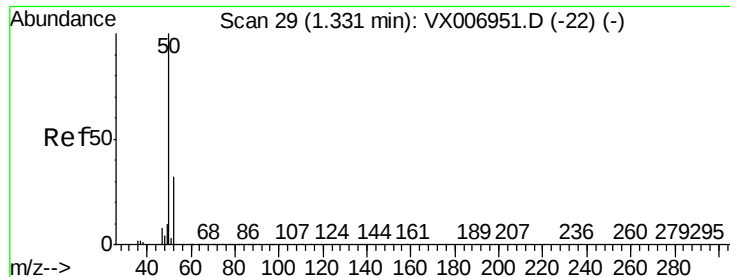
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.056 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

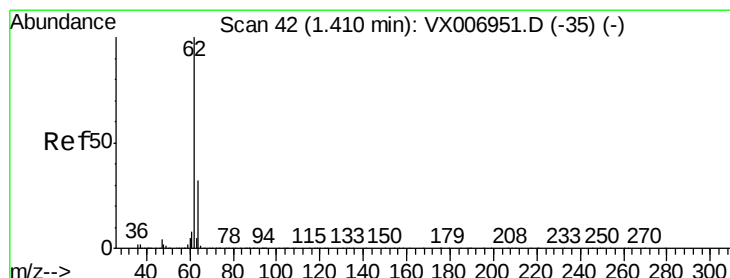
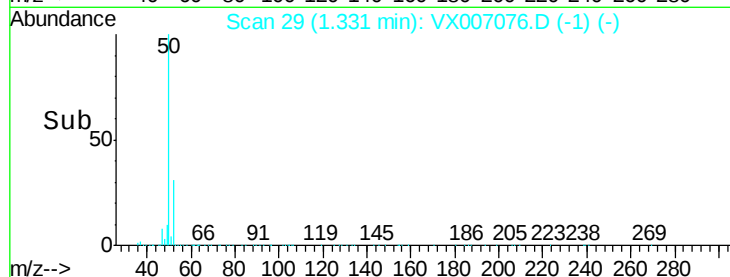
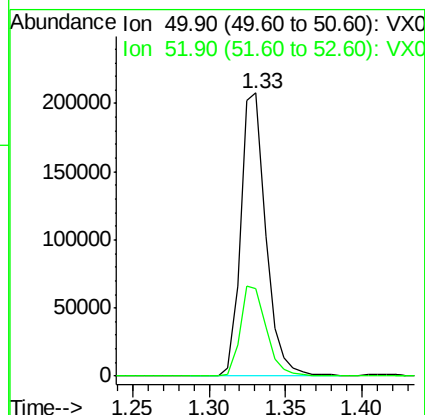
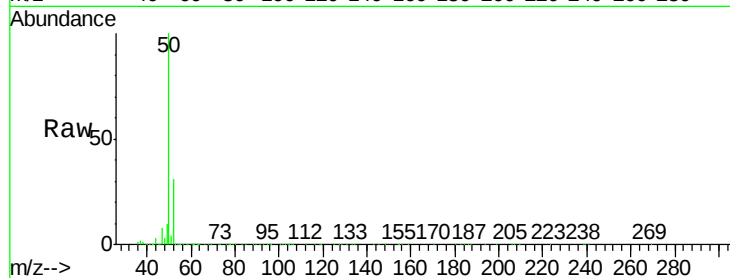
VSTDCCC050EC

Tot Ion: 50 Resp: 236154

Ion Ratio Lower Upper

50 100

52 31.1 25.4 38.2



#4

Vinyl Chloride

Concen: 47.341 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007076.D

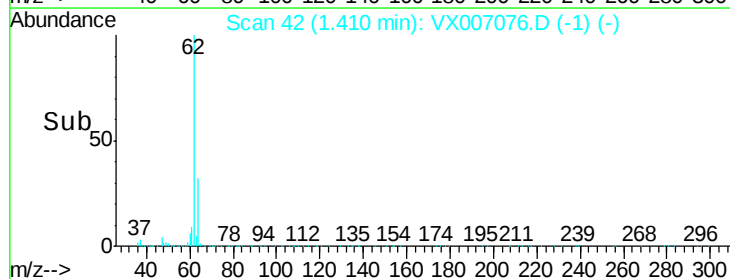
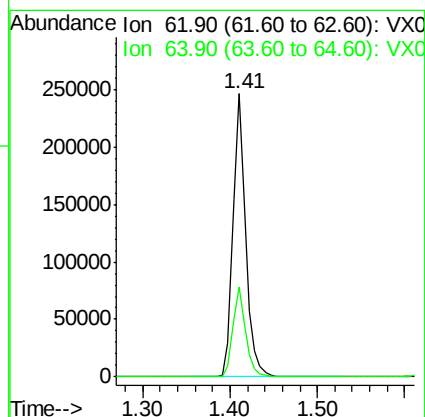
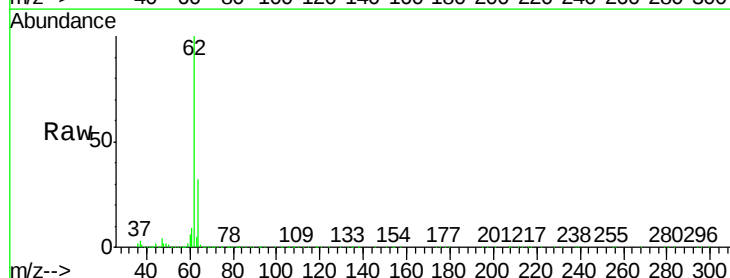
Acq: 16 Jan 2019 16:50

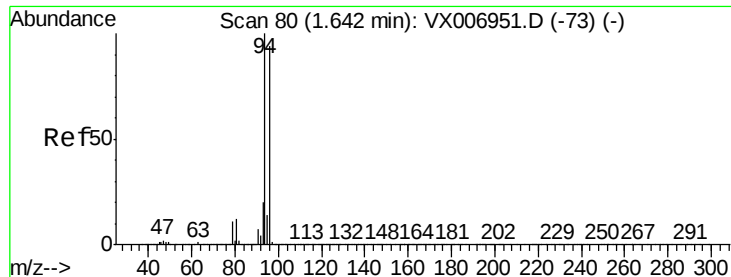
Tgt Ion: 62 Resp: 250249

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 44.713 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

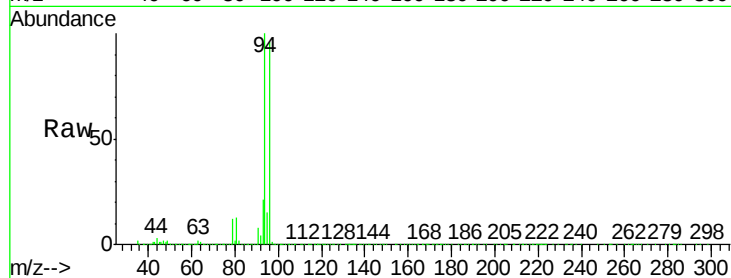
VSTDCCC050EC

Tot Ion: 94 Resp: 252527

Ion Ratio Lower Upper

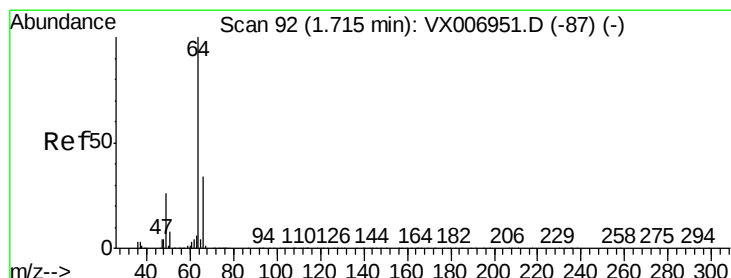
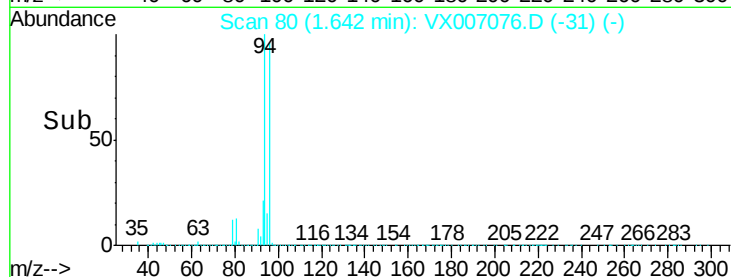
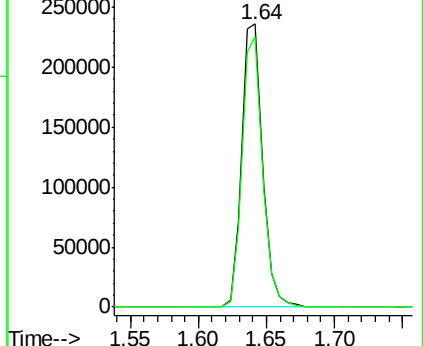
94 100

96 95.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.879 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007076.D

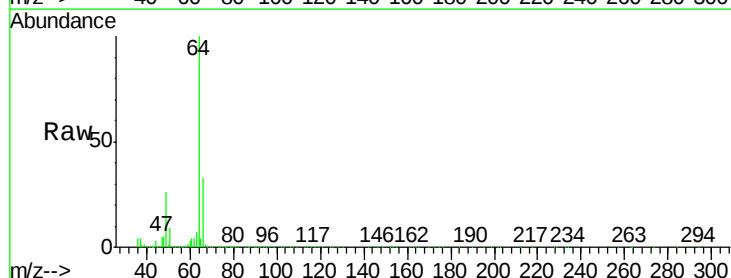
Acq: 16 Jan 2019 16:50

Tgt Ion: 64 Resp: 161957

Ion Ratio Lower Upper

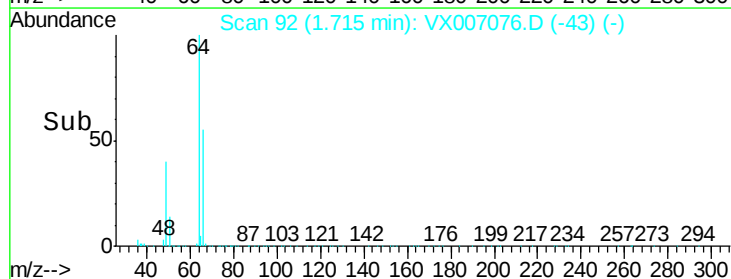
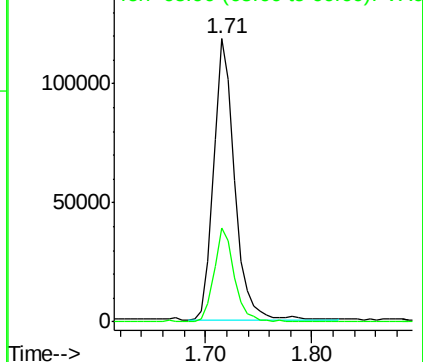
64 100

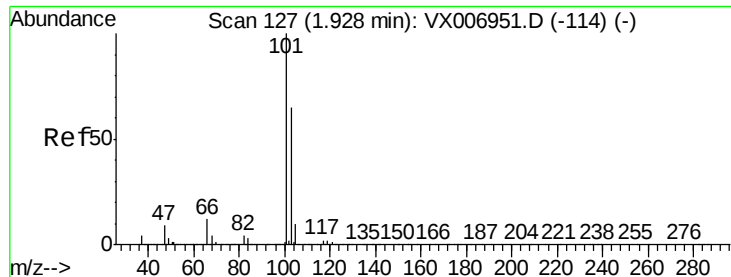
66 33.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



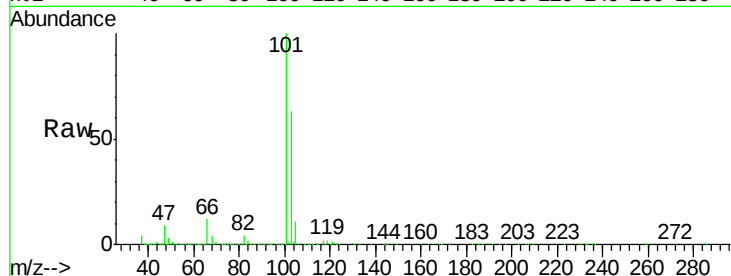


#7

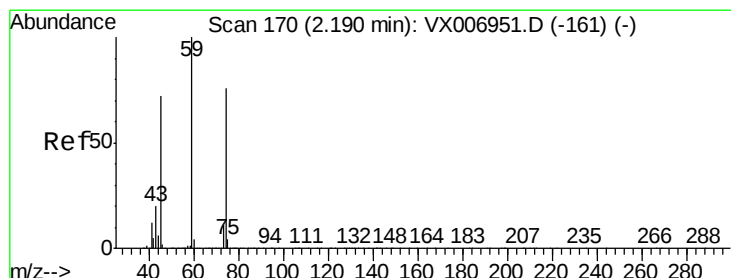
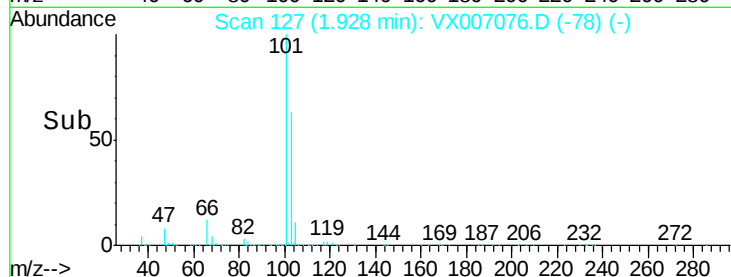
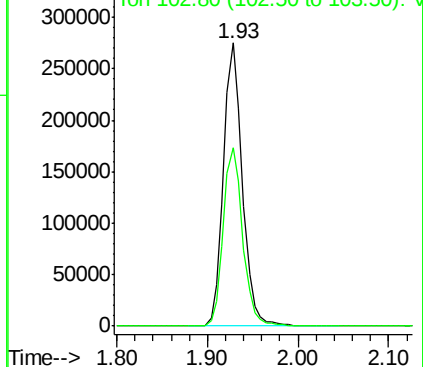
Trichlorofluoromethane
Concen: 46.854 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Instrument :
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Tot Ion:101 Resp: 400188
Ion Ratio Lower Upper
101 100
103 62.8 53.2 79.8



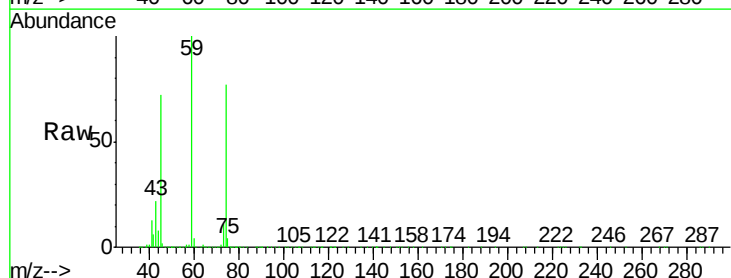
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



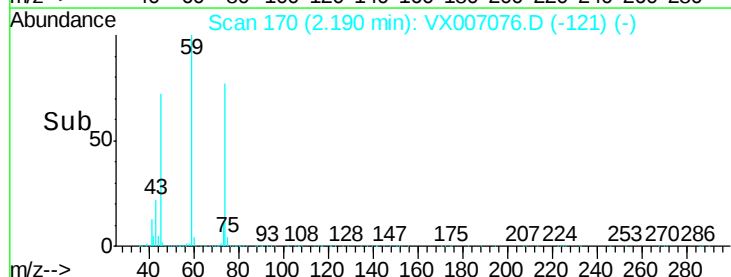
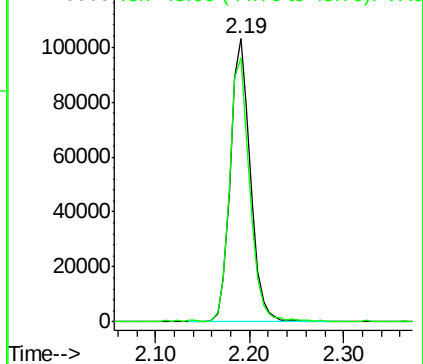
#8

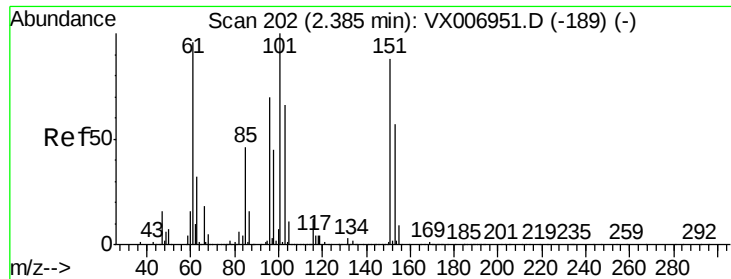
Diethyl Ether
Concen: 44.628 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 74 Resp: 151647
Ion Ratio Lower Upper
74 100
45 93.1 46.3 138.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.469 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

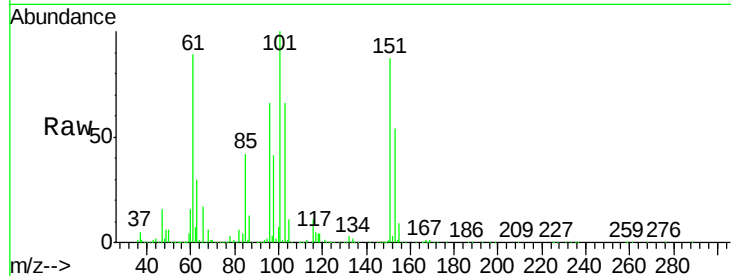
Tot Ion:101 Resp: 242733

Ion Ratio Lower Upper

101 100

85 43.4 35.1 52.7

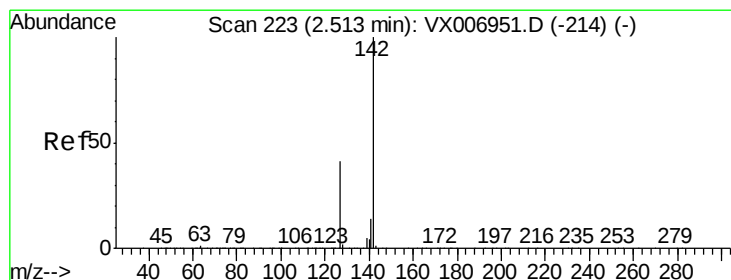
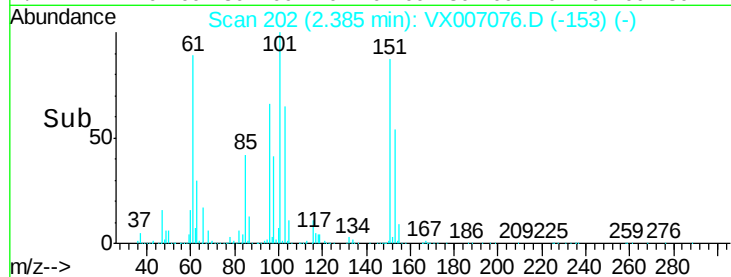
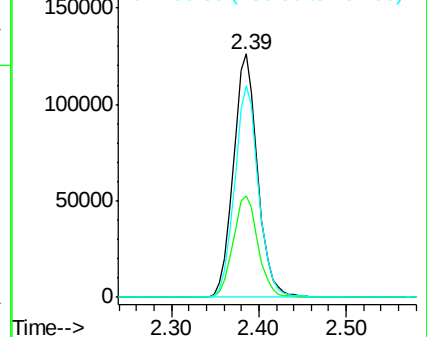
151 86.4 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.895 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

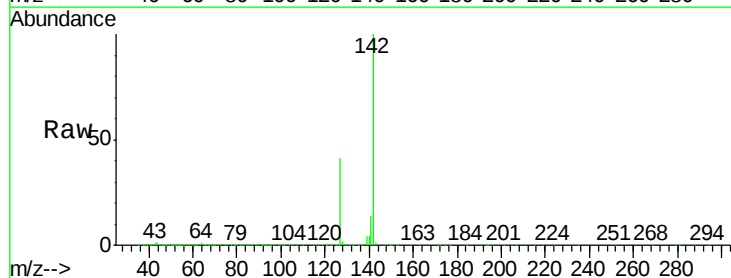
Tgt Ion:142 Resp: 357956

Ion Ratio Lower Upper

142 100

127 42.3 33.9 50.9

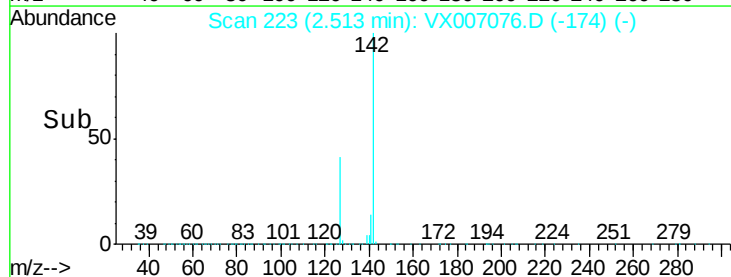
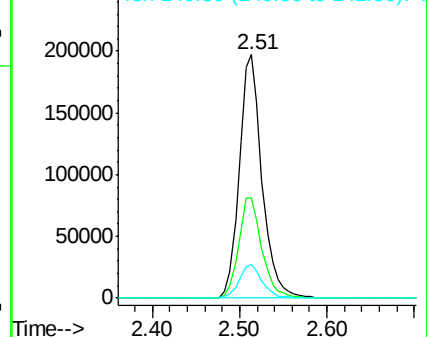
141 14.2 11.4 17.0

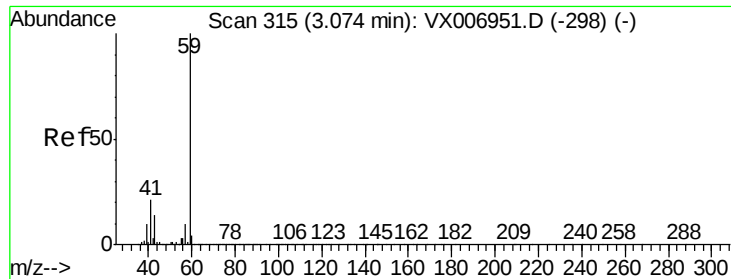


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



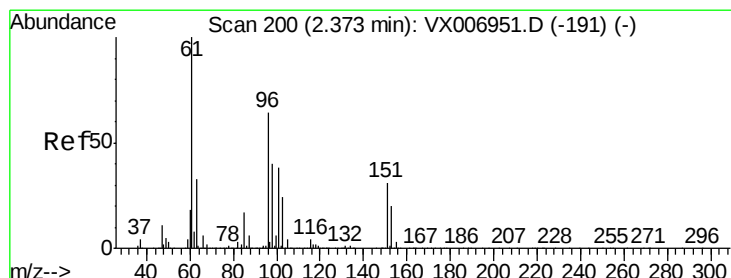
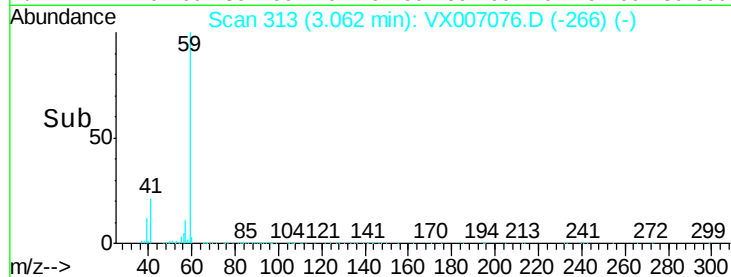
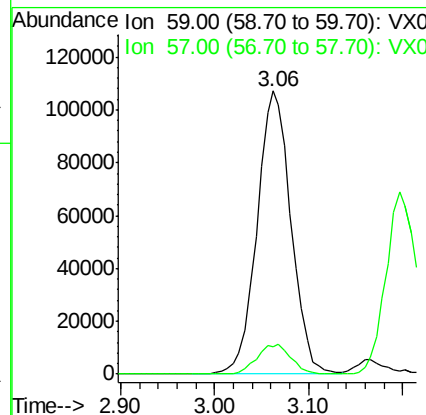
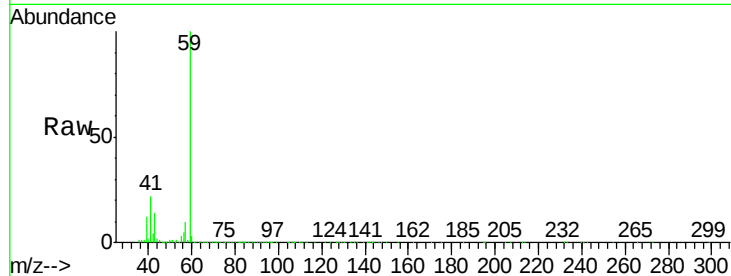


#11

Tert butyl alcohol
 Concen: 214.065 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

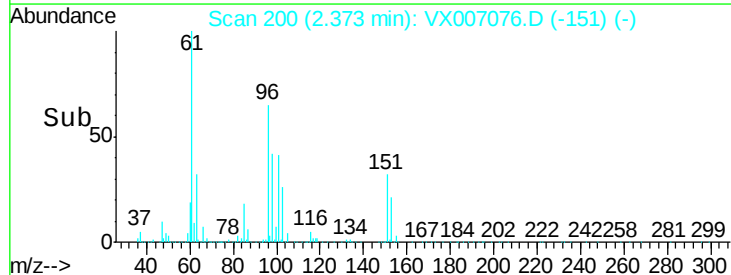
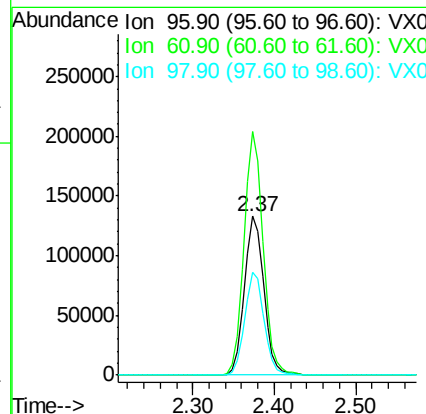
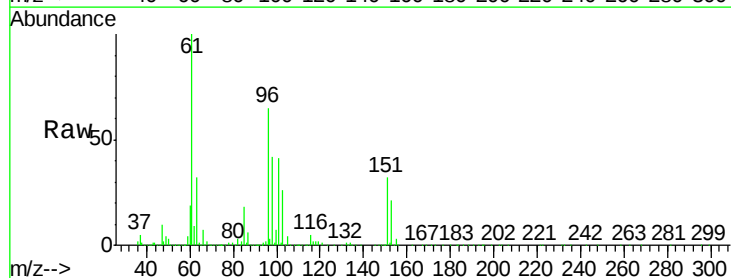
Tot Ion: 59 Resp: 271274
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

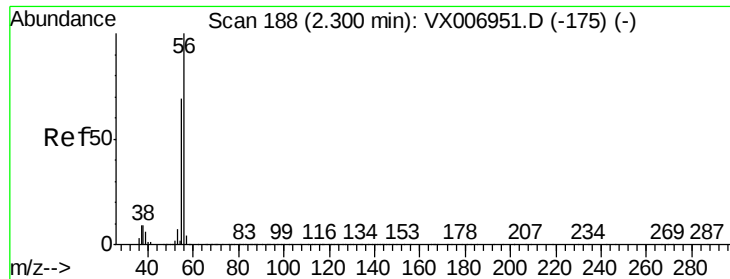


#12

1,1-Dichloroethene
 Concen: 46.213 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

Tgt Ion: 96 Resp: 218330
 Ion Ratio Lower Upper
 96 100
 61 153.1 121.4 182.2
 98 64.3 51.9 77.9

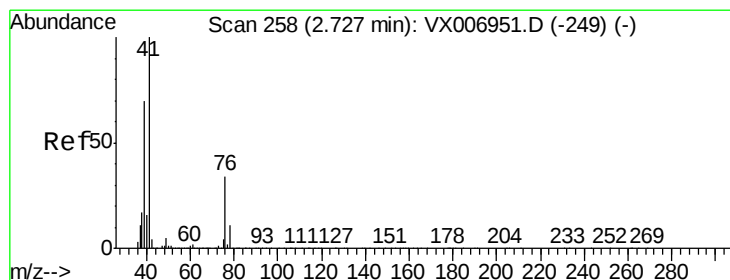
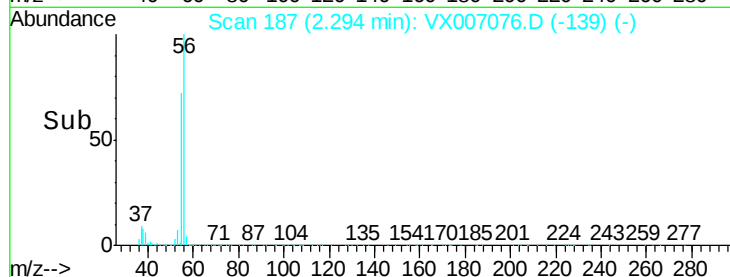
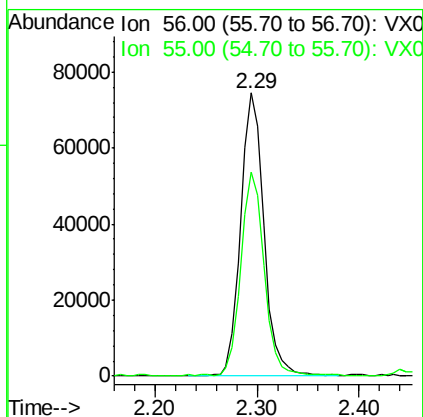
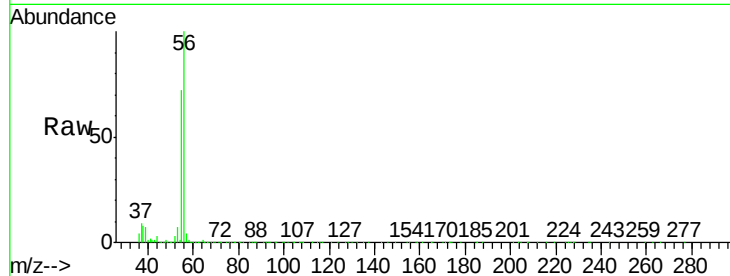




#13
Acrolein
Concen: 213.355 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

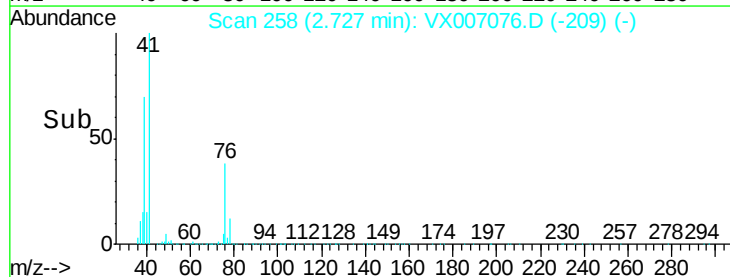
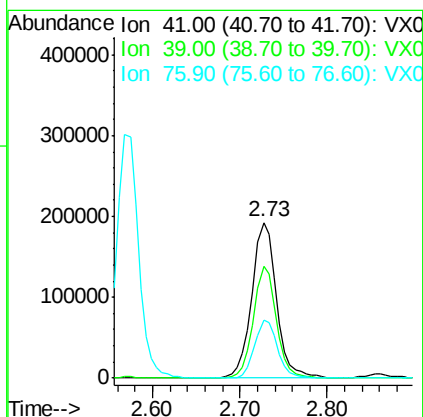
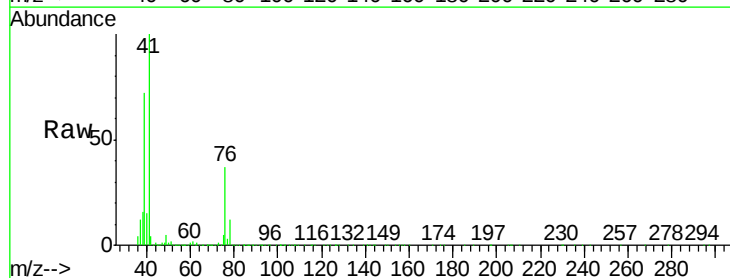
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

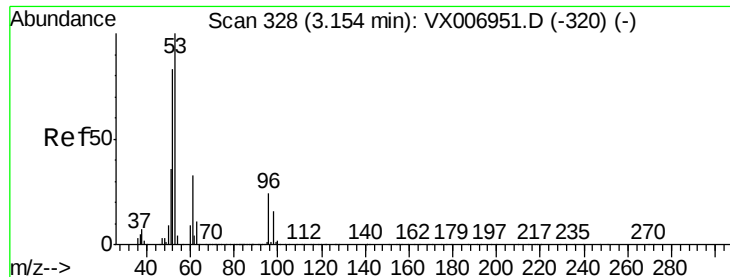
Tot Ion: 56 Resp: 116358
Ion Ratio Lower Upper
56 100
55 72.6 58.2 87.4



#14
Allyl chloride
Concen: 46.461 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 41 Resp: 376187
Ion Ratio Lower Upper
41 100
39 66.3 53.6 80.4
76 34.4 27.4 41.2





#15

Acrylonitrile

Concen: 227.023 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

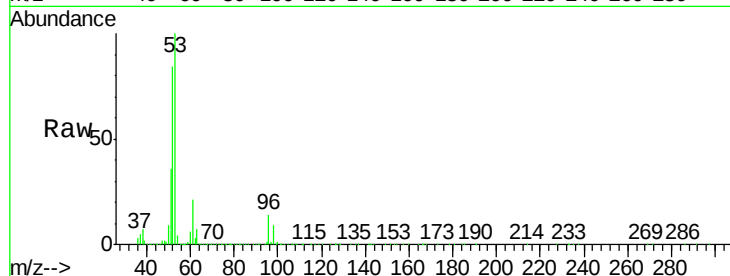
Tot Ion: 53 Resp: 660443

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

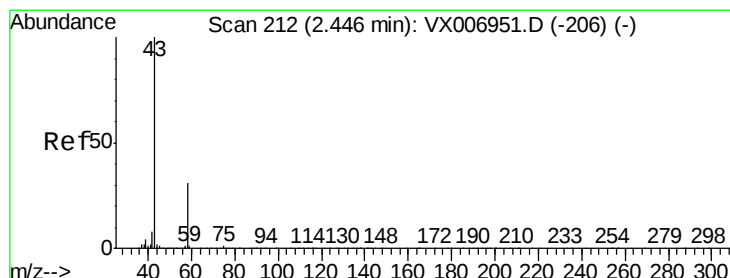
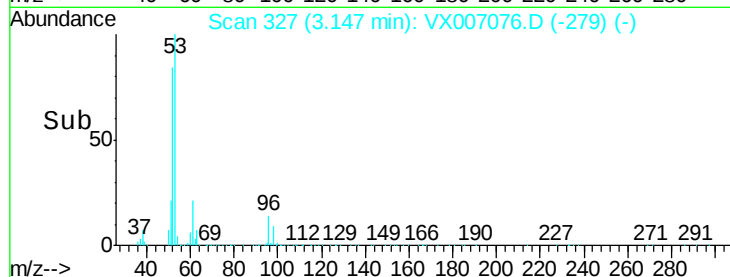
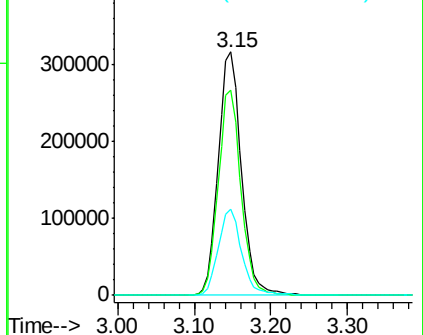
51 36.1 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 226.789 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007076.D

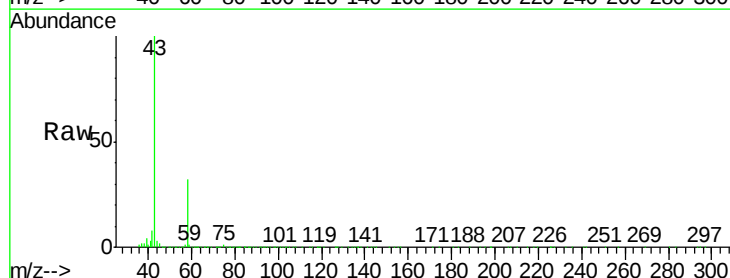
Acq: 16 Jan 2019 16:50

Tgt Ion: 43 Resp: 602308

Ion Ratio Lower Upper

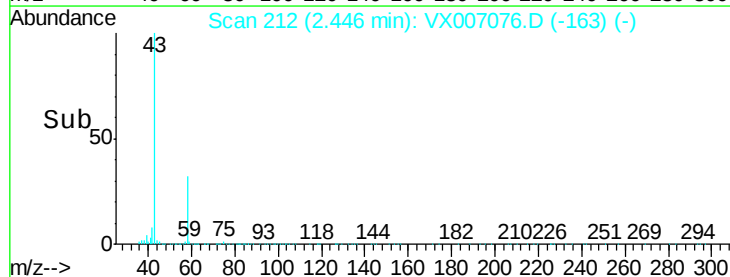
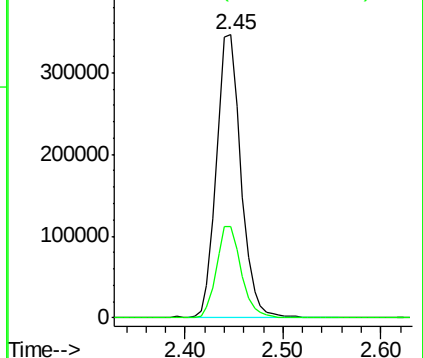
43 100

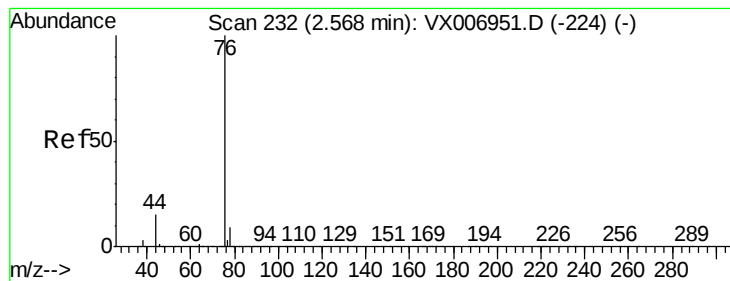
58 32.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.725 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

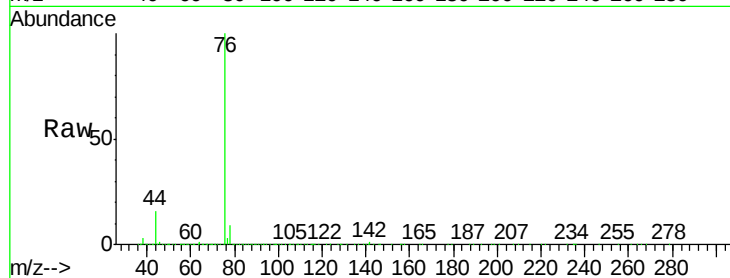
VSTDCCC050EC

Tot Ion: 76 Resp: 519683

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

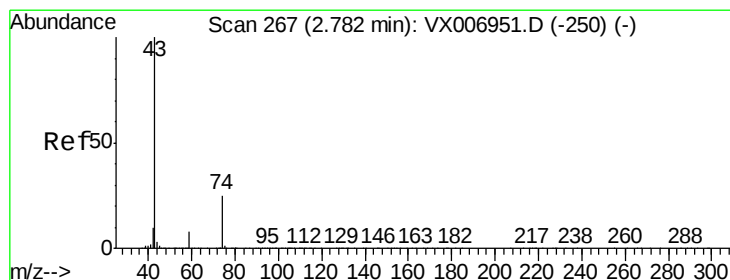
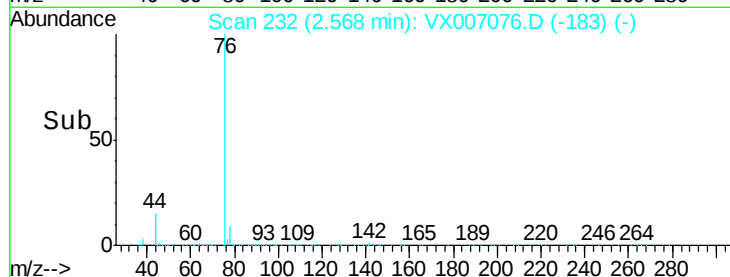
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 45.963 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007076.D

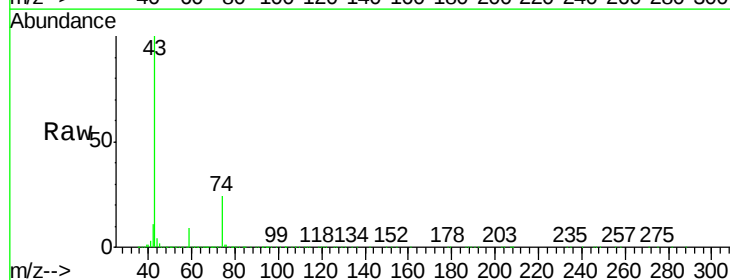
Acq: 16 Jan 2019 16:50

Tgt Ion: 43 Resp: 353507

Ion Ratio Lower Upper

43 100

74 25.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

150000

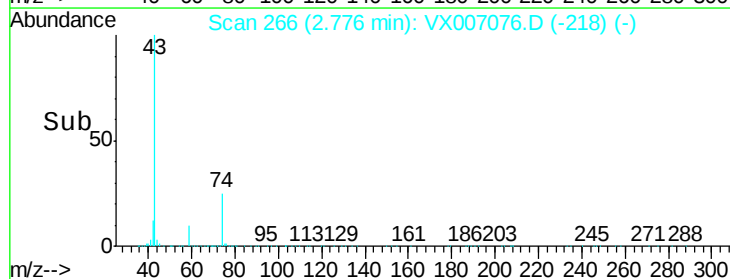
100000

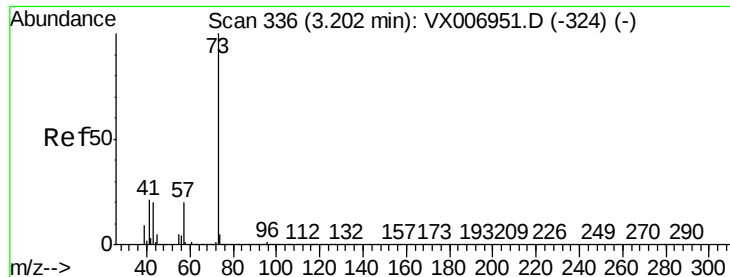
50000

0

Time-->

2.65 2.70 2.75 2.80 2.85



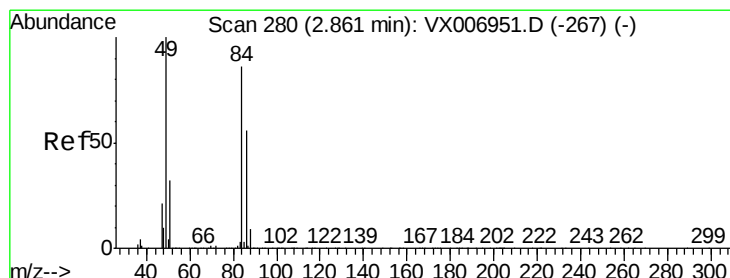
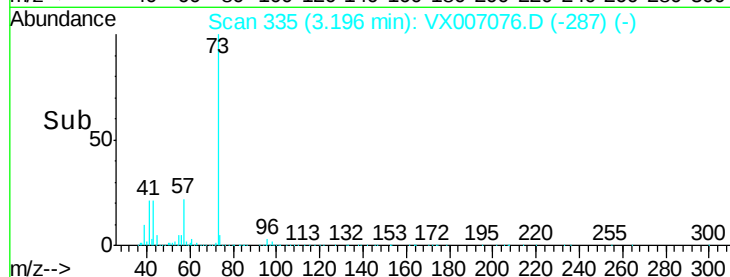
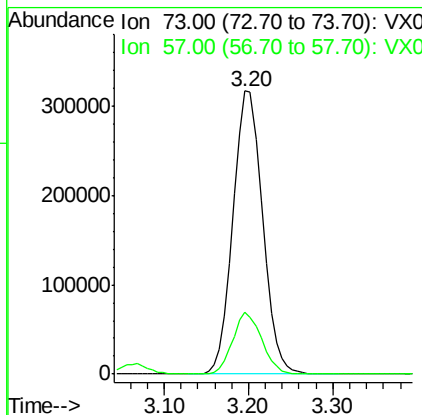
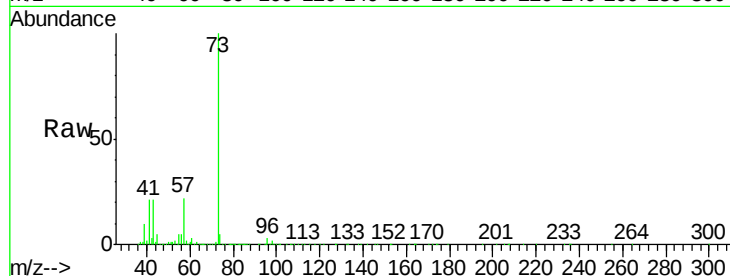


#19

Methyl tert-butyl Ether
 Concen: 45.906 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

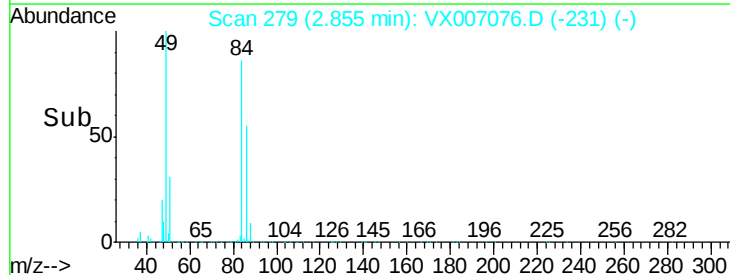
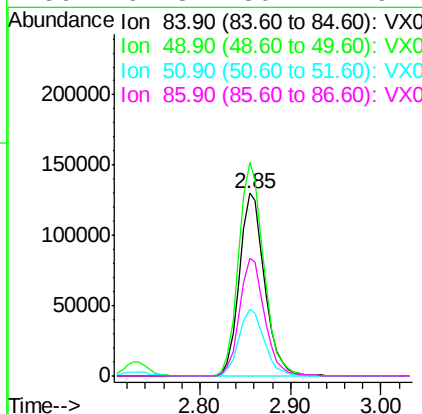
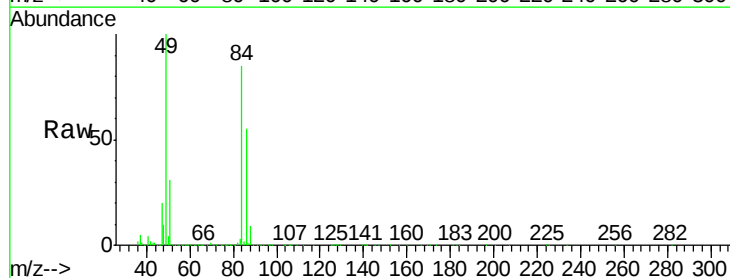
Tot Ion: 73 Resp: 752757
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.8 25.2

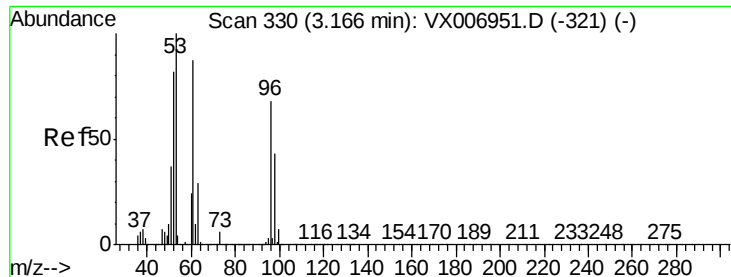


#20

Methylene Chloride
 Concen: 49.557 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

Tgt Ion: 84 Resp: 250356
 Ion Ratio Lower Upper
 84 100
 49 117.1 91.8 137.6
 51 36.0 28.5 42.7
 86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.145 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

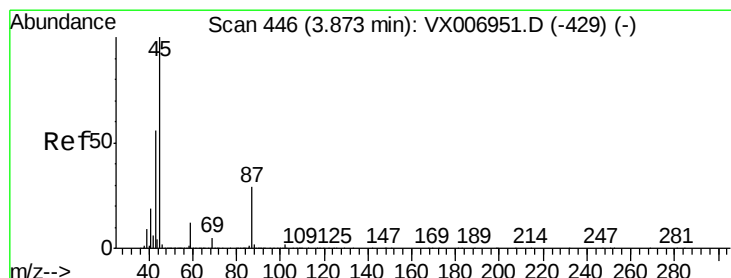
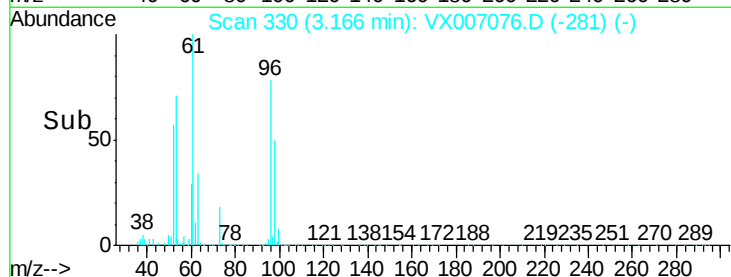
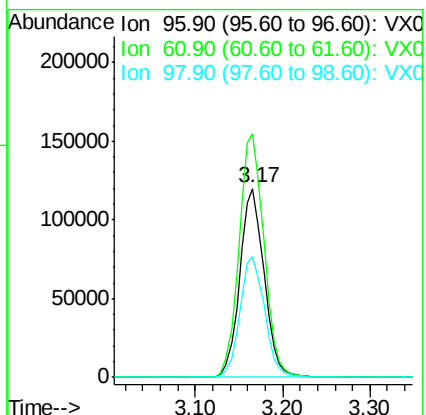
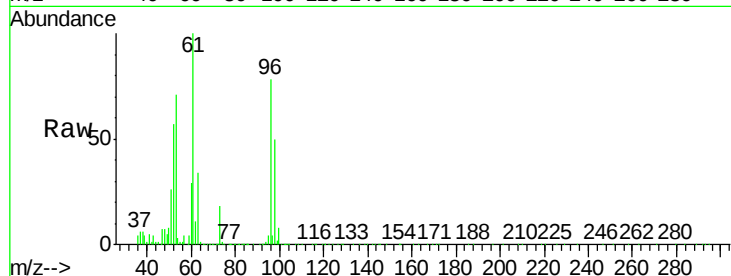
Tot Ion: 96 Resp: 232417

Ion Ratio Lower Upper

96 100

61 128.5 103.7 155.5

98 64.0 51.0 76.6



#22

Diisopropyl ether

Concen: 49.885 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Tgt Ion: 45 Resp: 759337

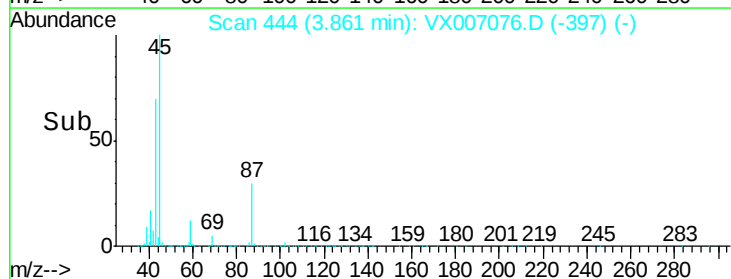
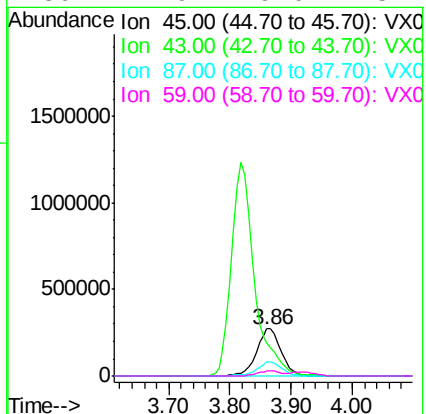
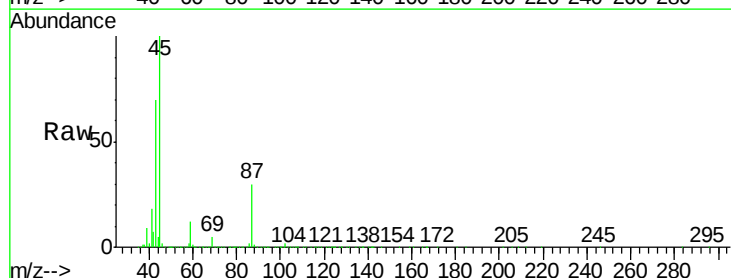
Ion Ratio Lower Upper

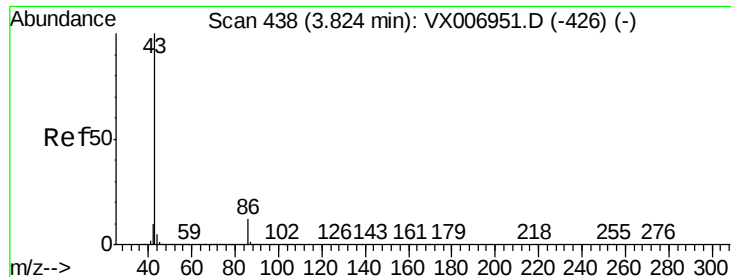
45 100

43 70.1 51.2 76.8

87 29.8 25.8 38.6

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 248.202 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

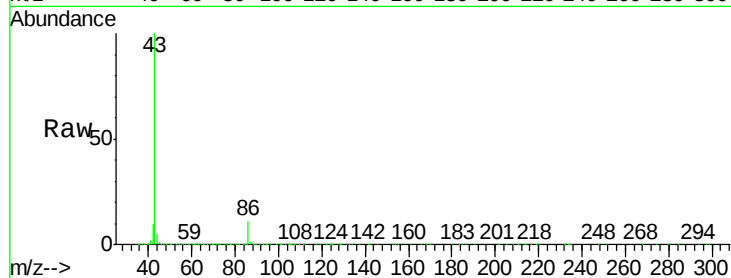
VSTDCCC050EC

Tot Ion: 43 Resp: 3186123

Ion Ratio Lower Upper

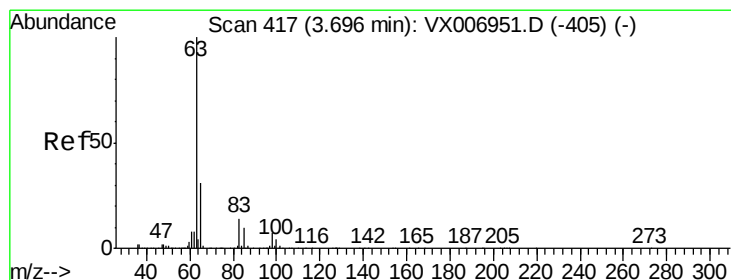
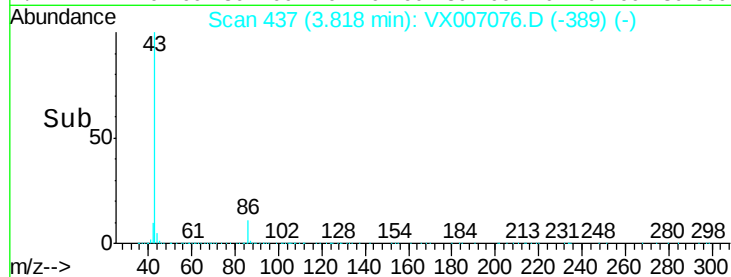
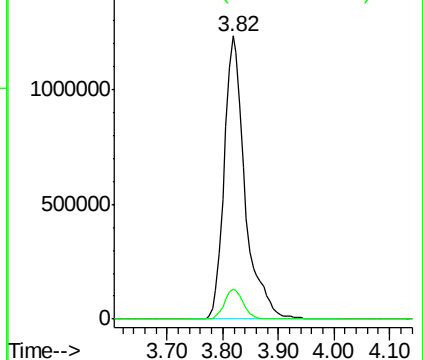
43 100

86 10.8 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.158 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

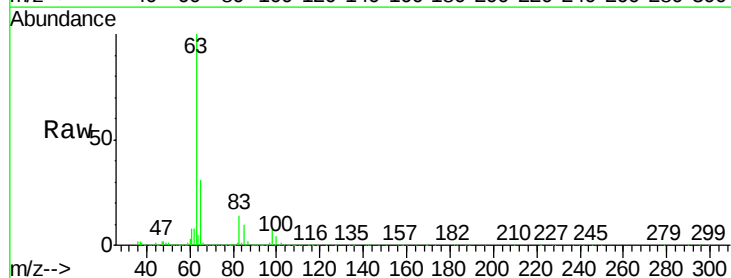
Tgt Ion: 63 Resp: 418406

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

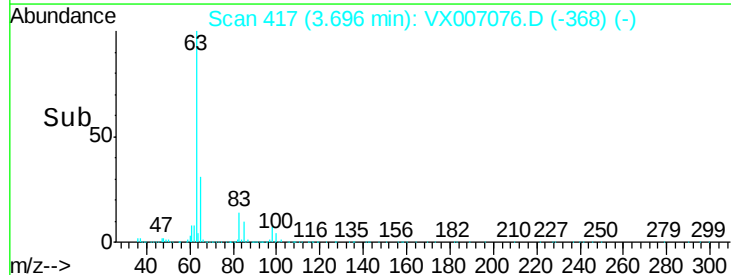
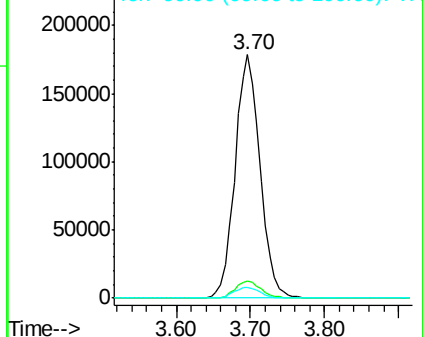
100 4.4 2.4 7.2

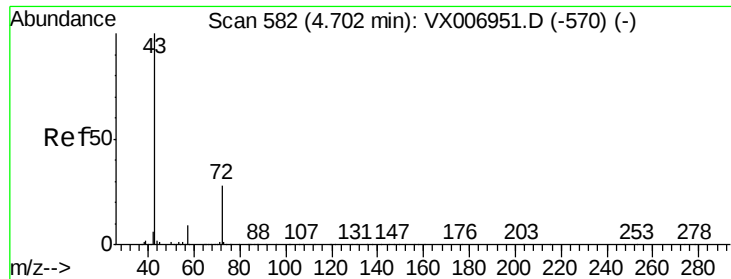


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.797 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

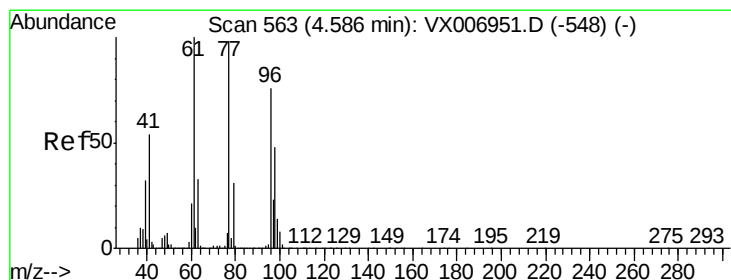
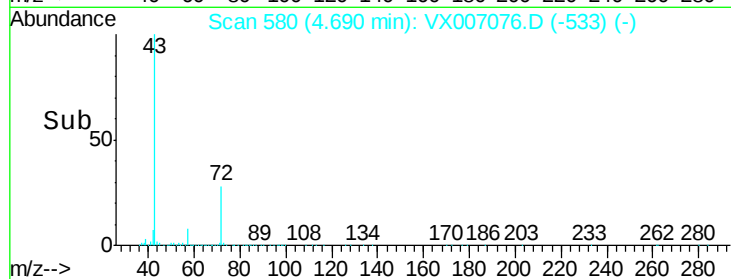
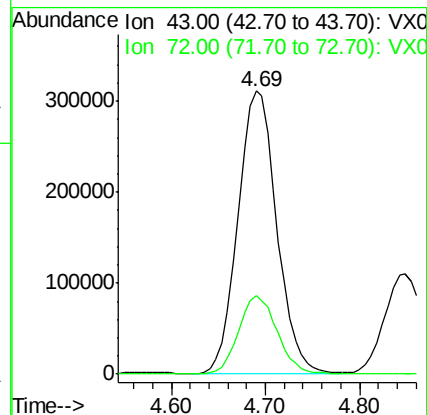
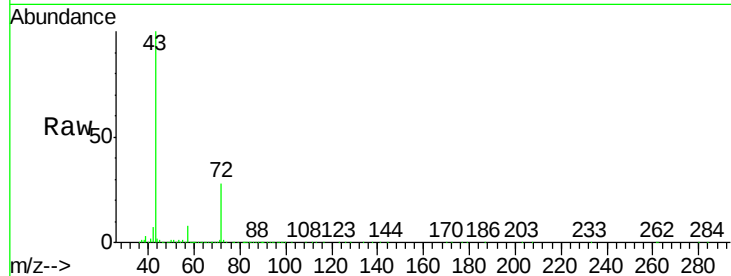
VSTDCCC050EC

Tot Ion: 43 Resp: 892247

Ion Ratio Lower Upper

43 100

72 27.5 22.4 33.6



#26

2,2-Dichloropropane

Concen: 47.785 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007076.D

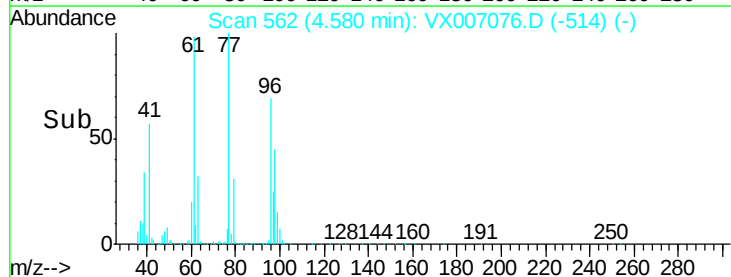
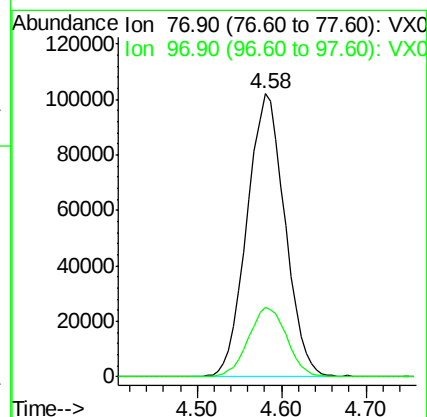
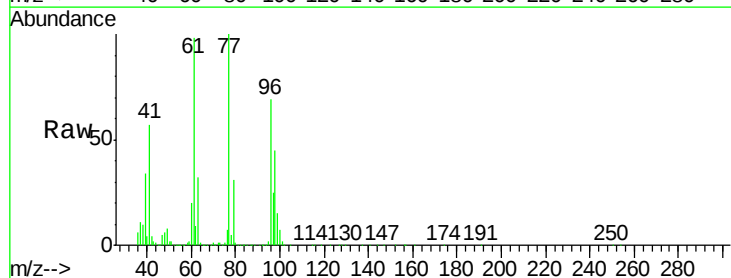
Acq: 16 Jan 2019 16:50

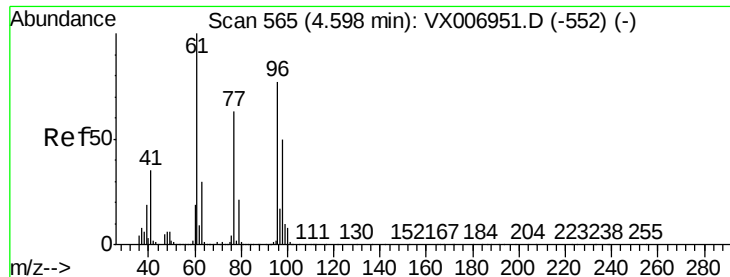
Tgt Ion: 77 Resp: 312752

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4



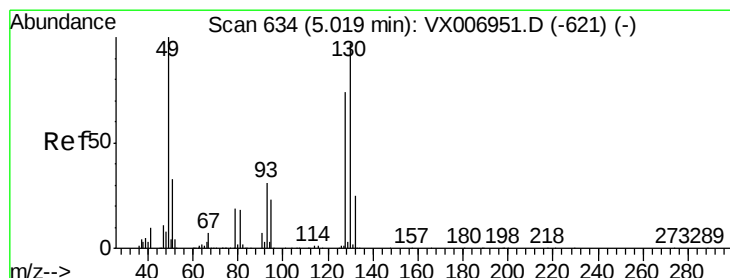
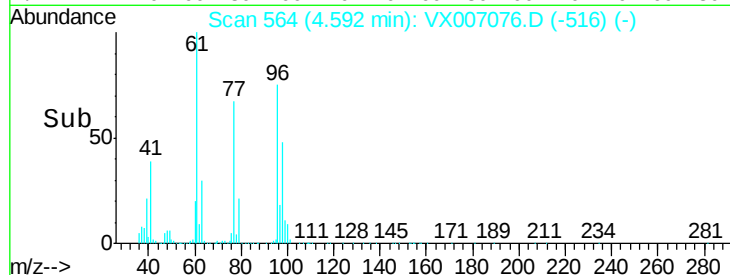
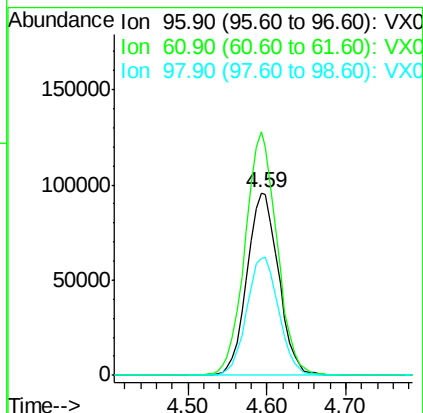
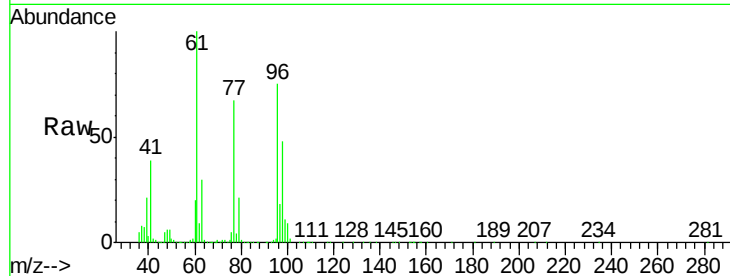


#27

cis-1,2-Dichloroethene
Concen: 45.876 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

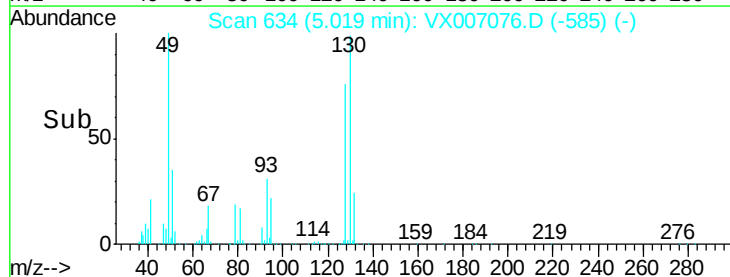
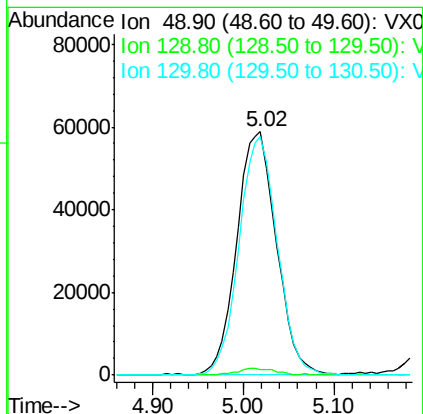
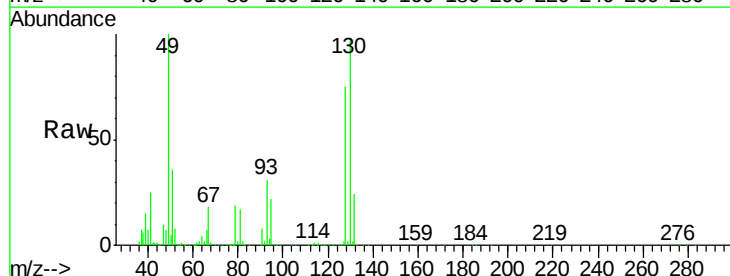
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	258.6
98	65.8	0.0	132.0

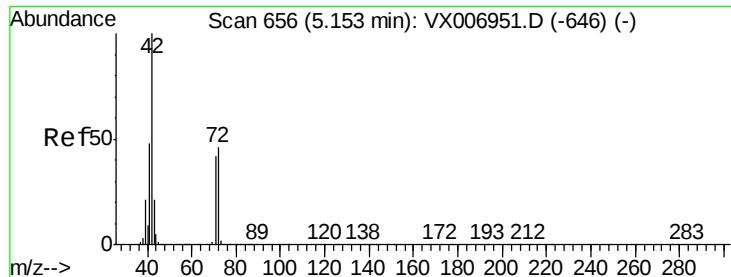


#28

Bromochloromethane
Concen: 47.727 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.4
130	95.2	77.7	116.5





#29

Tetrahydrofuran

Concen: 224.970 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

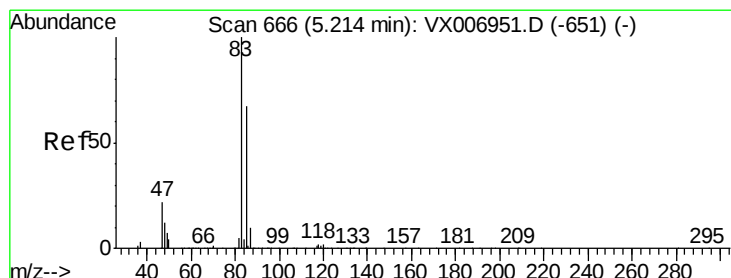
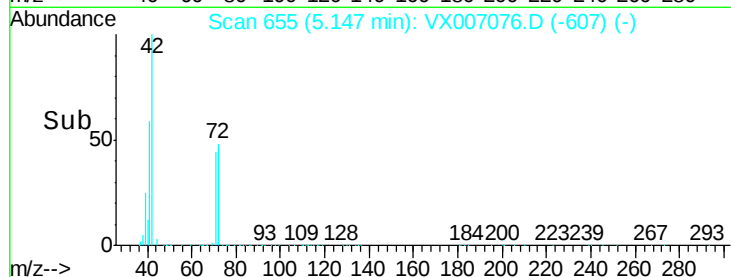
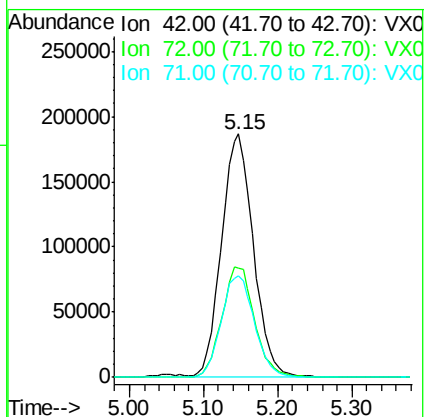
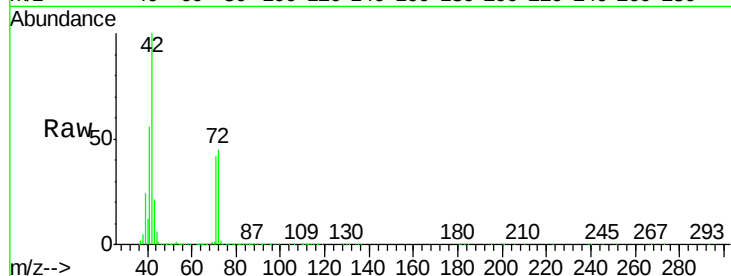
Tot Ion: 42 Resp: 55581

Ion Ratio Lower Upper

42 100

72 46.4 38.9 58.3

71 43.6 36.2 54.4



#30

Chloroform

Concen: 48.116 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX007076.D

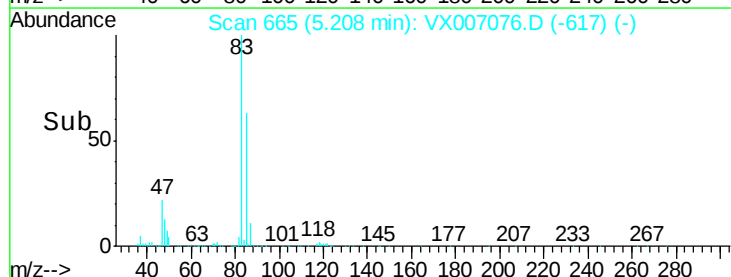
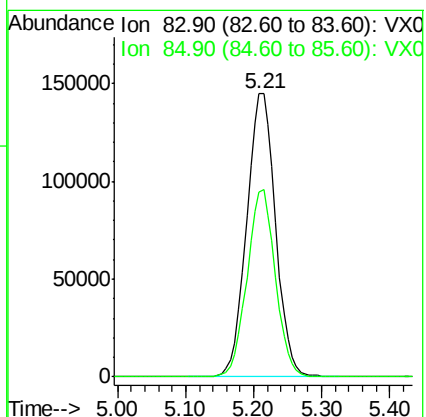
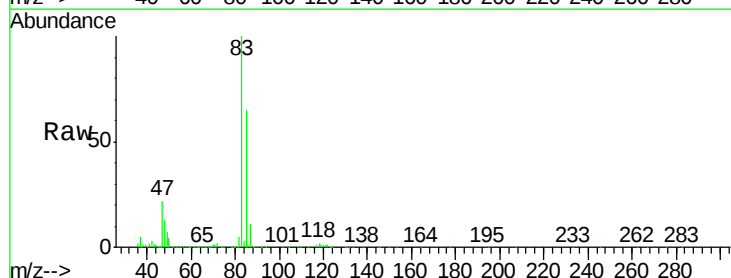
Acq: 16 Jan 2019 16:50

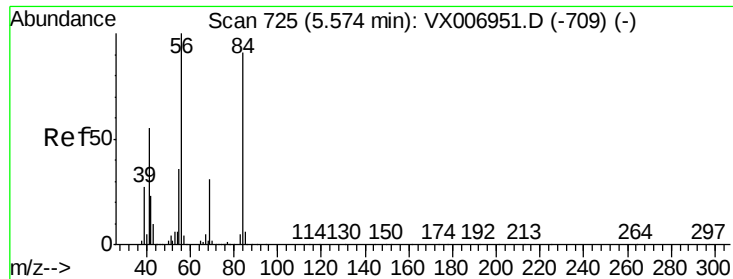
Tgt Ion: 83 Resp: 428786

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8

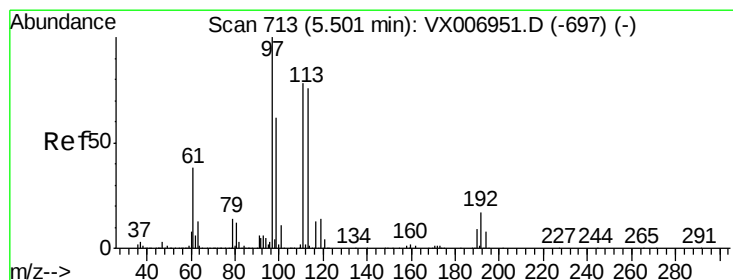
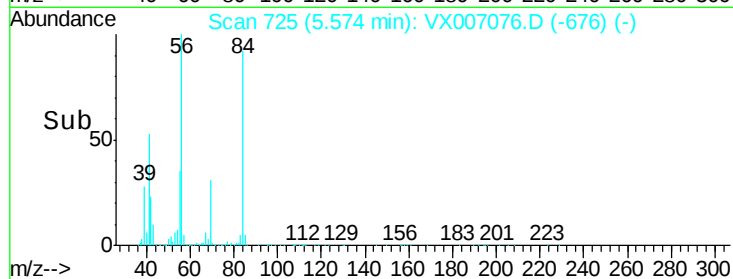
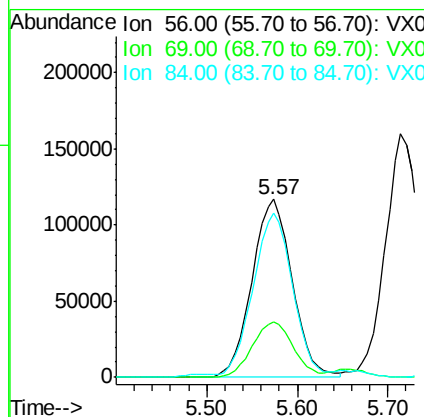
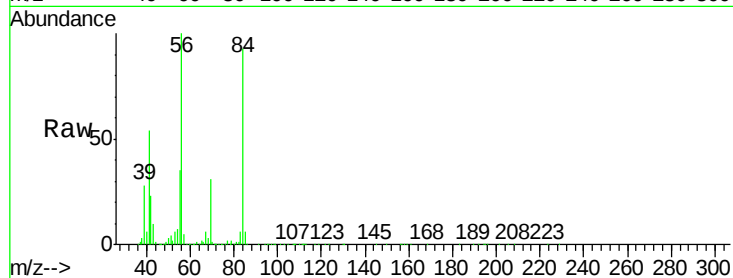




#31
Cyclohexane
Concen: 47.161 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

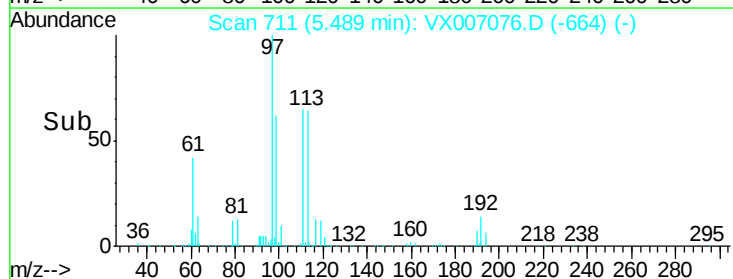
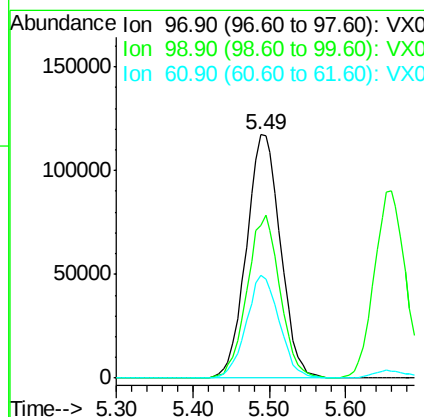
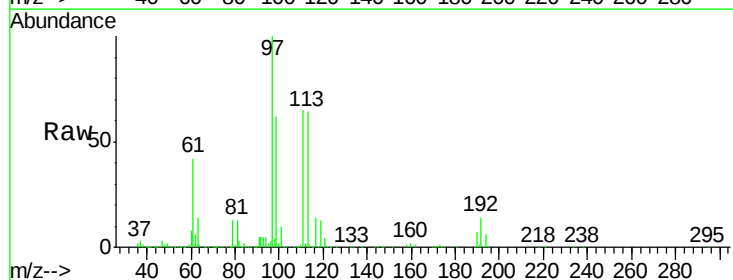
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

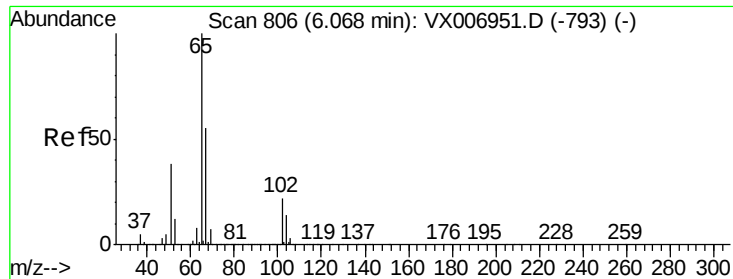
Tot Ion: 56 Resp: 357274
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 91.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.079 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 97 Resp: 363161
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 40.9 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.870 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

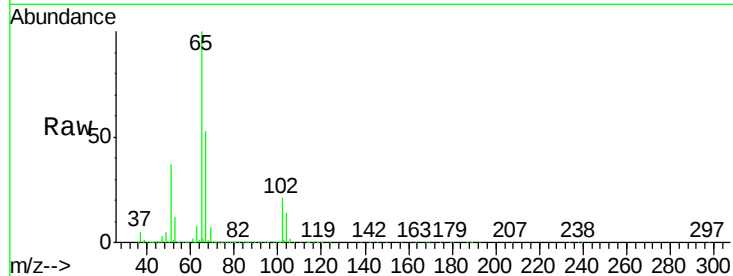
VSTDCCC050EC

Tot Ion: 65 Resp: 267907

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

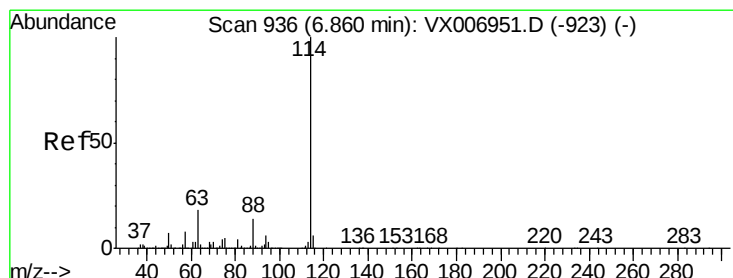
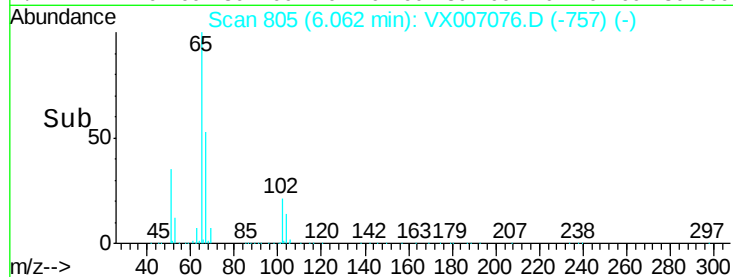
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

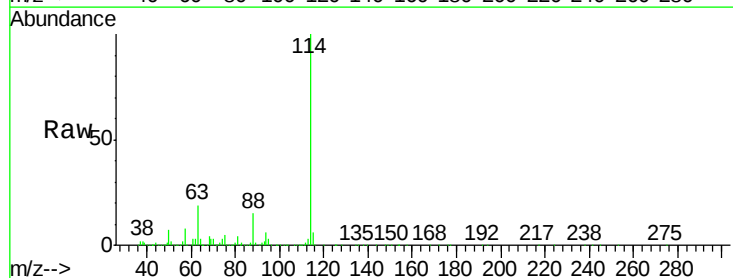
Tgt Ion: 114 Resp: 748946

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 15.4 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

400000

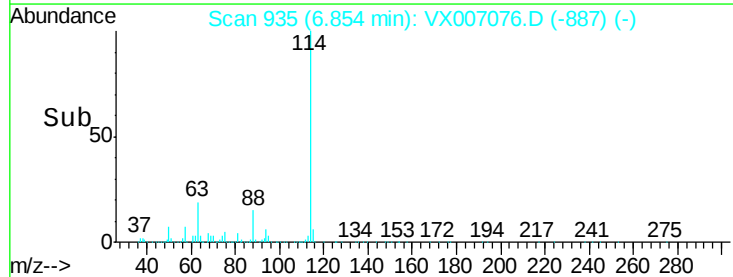
300000

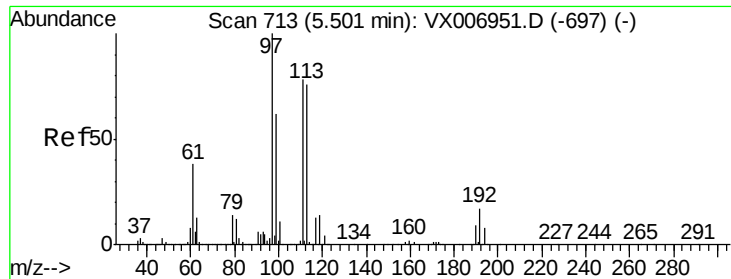
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.500 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

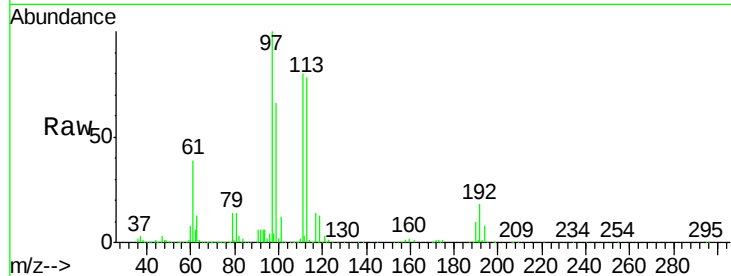
Tot Ion:113 Resp: 242209

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

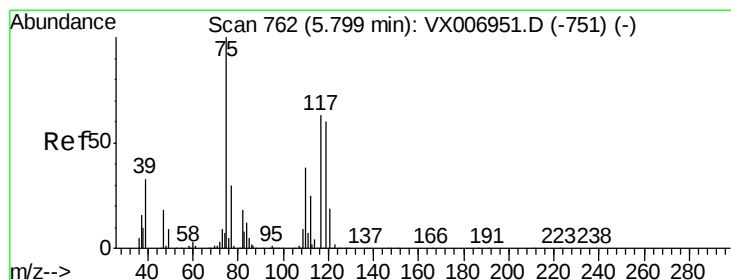
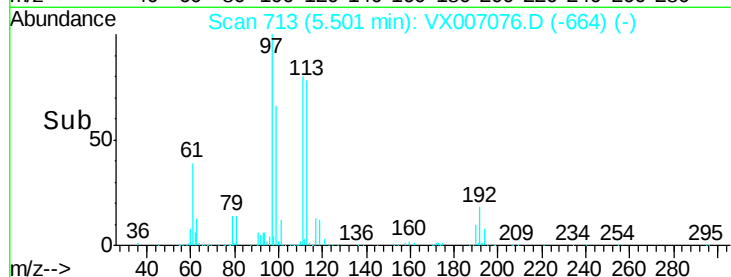
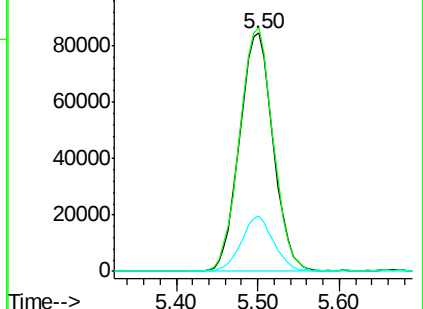
192 22.4 16.7 25.1



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: 47.518 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

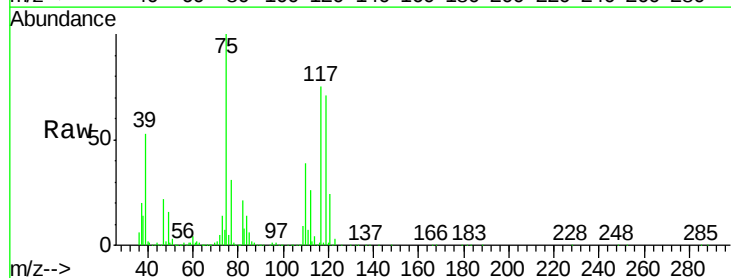
Tgt Ion: 75 Resp: 309410

Ion Ratio Lower Upper

75 100

110 40.2 20.2 60.5

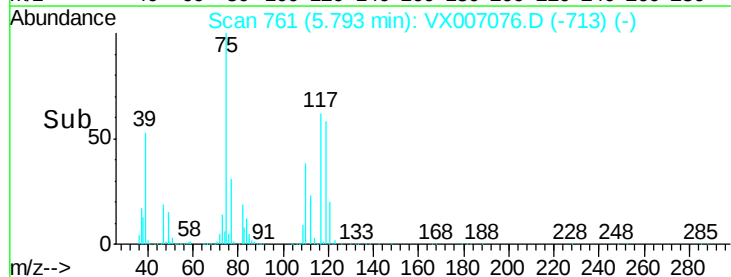
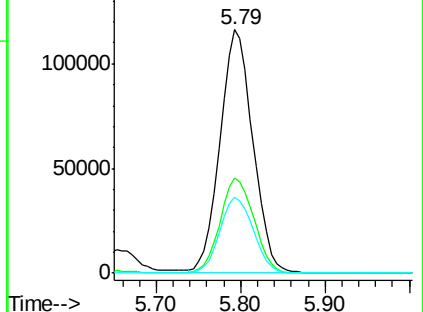
77 31.5 24.8 37.2

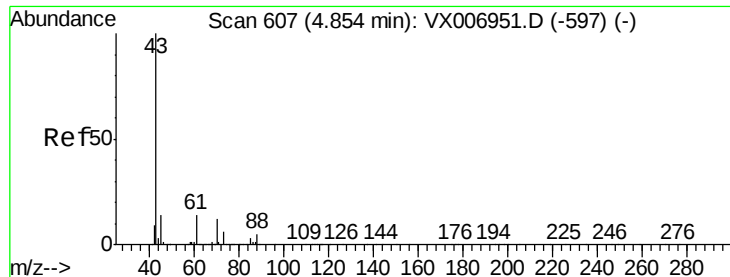


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

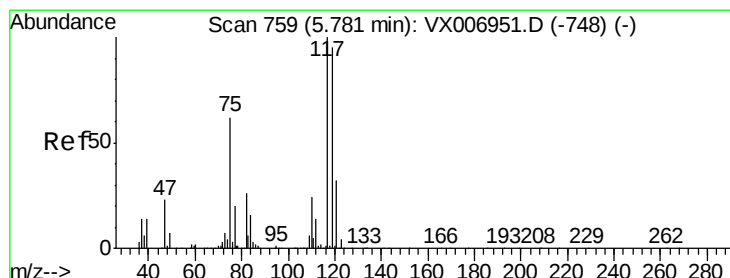
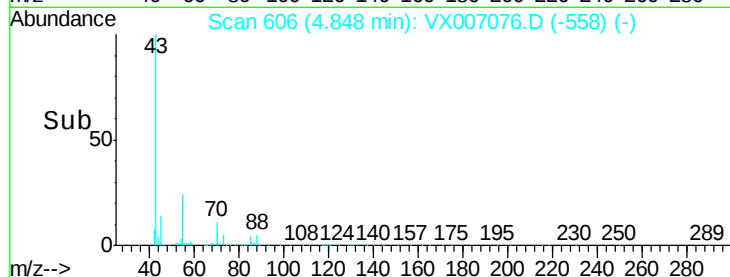
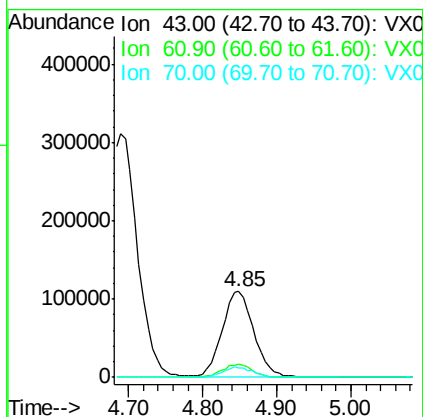
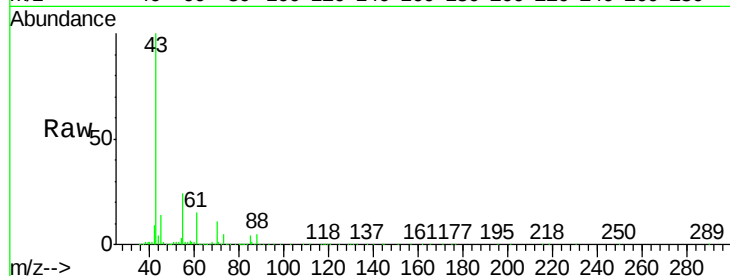




#37
Ethyl Acetate
Concen: 46.700 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

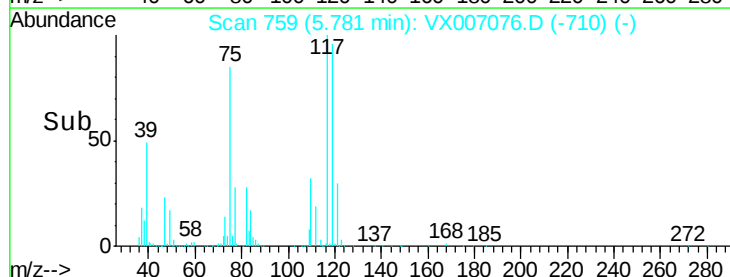
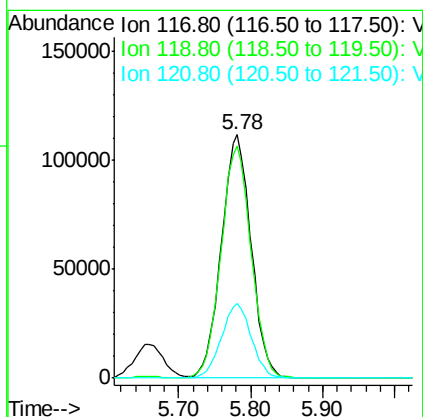
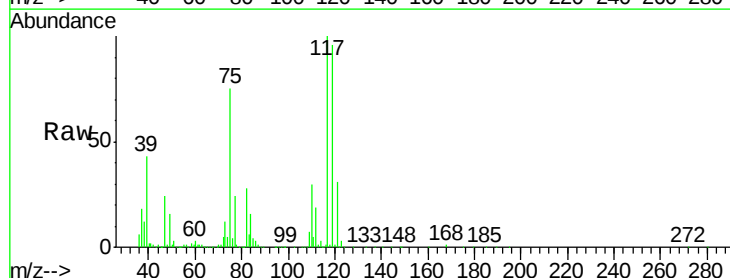
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

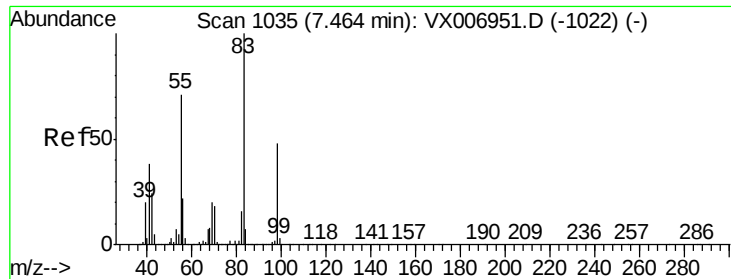
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	11.3	9.7	14.5



#38
Carbon Tetrachloride
Concen: 48.954 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	79.4	119.2
121	30.9	24.0	36.0

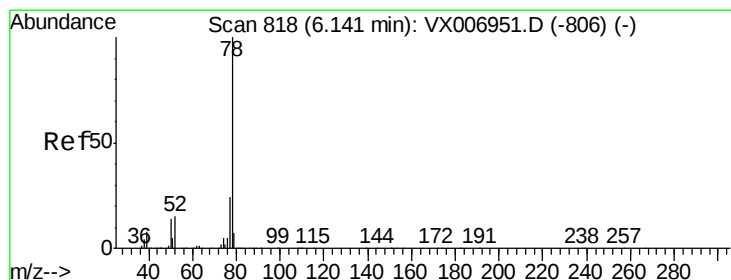
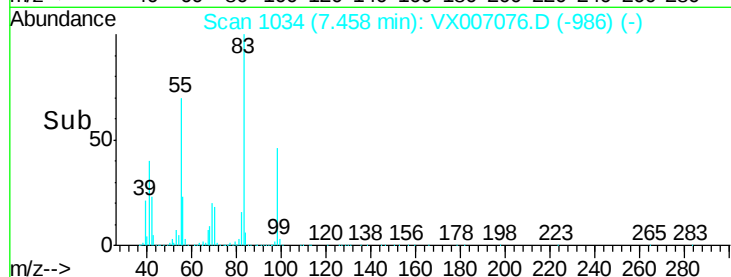
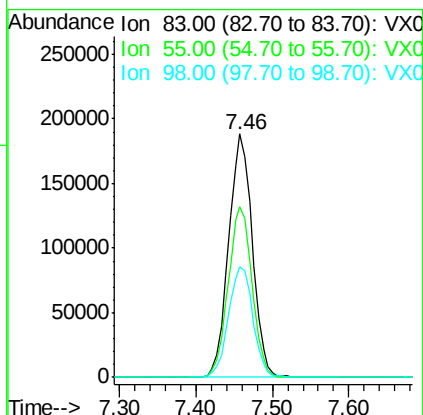
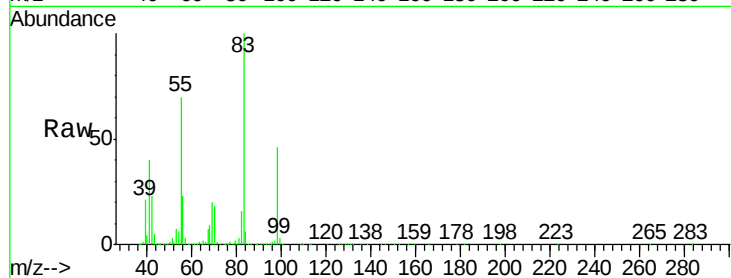




#39
Methvlcvclohexane
Concen: 48.545 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

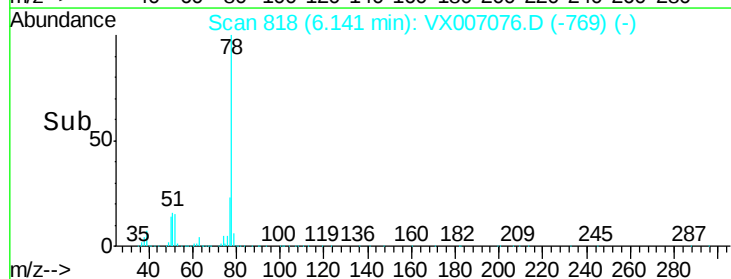
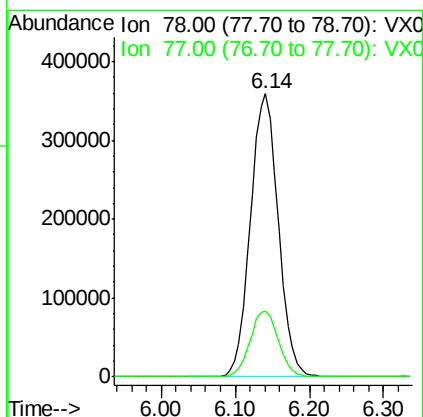
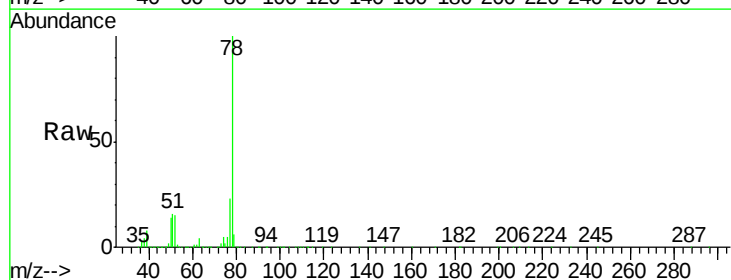
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

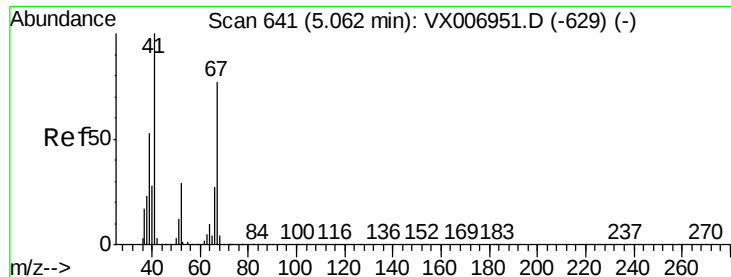
Tot Ion	83	Resp	402980
Ion Ratio	Lower	Upper	
83	100		
55	69.9	54.9	82.3
98	45.6	37.9	56.9



#40
Benzene
Concen: 47.477 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion	78	Resp	943296
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 46.024 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 185088

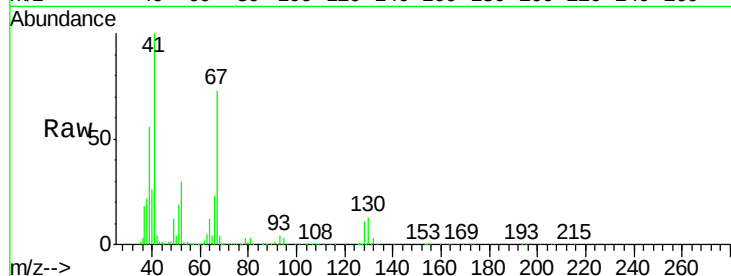
Ion Ratio Lower Upper

41 100

39 55.6 42.8 64.2

67 75.0 62.1 93.1

52 30.0 23.4 35.0

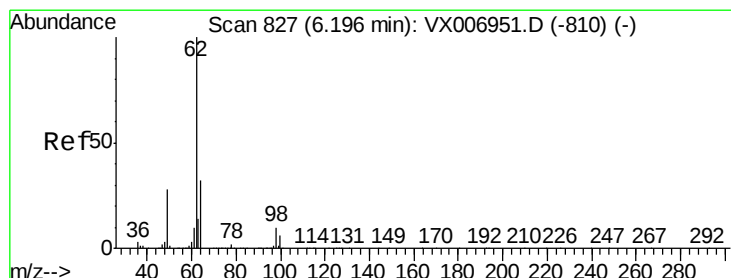
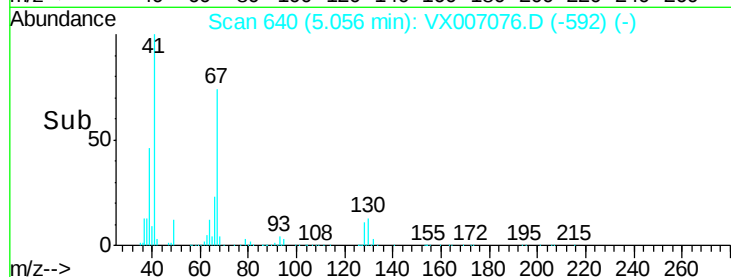
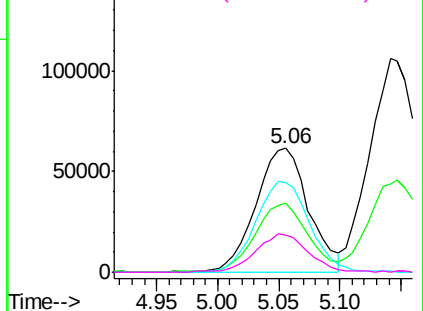


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.027 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX007076.D

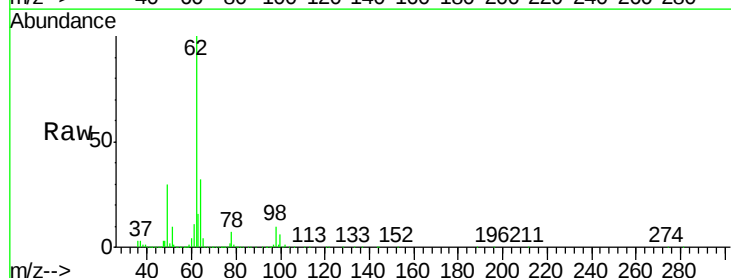
Acq: 16 Jan 2019 16:50

Tgt Ion: 62 Resp: 322876

Ion Ratio Lower Upper

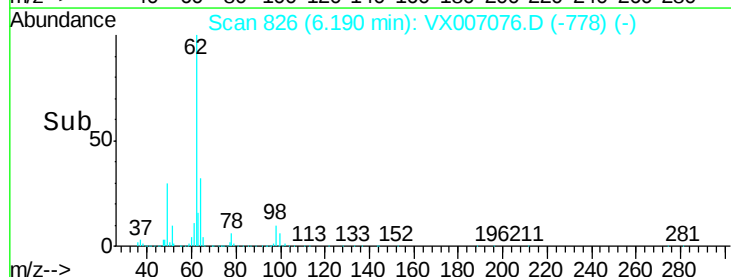
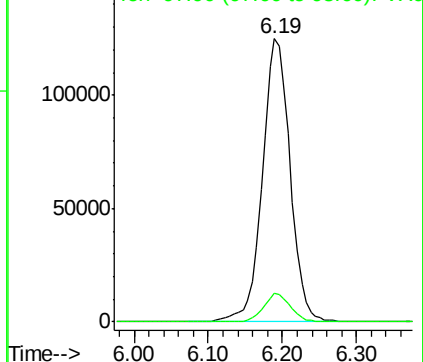
62 100

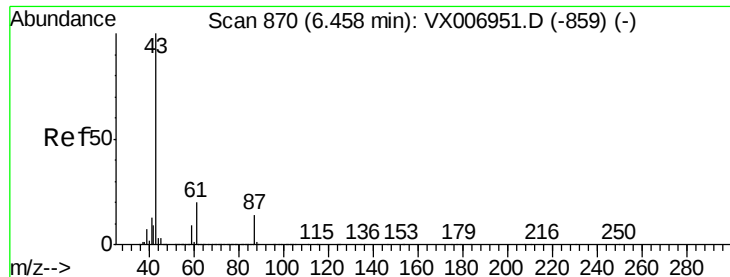
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.821 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

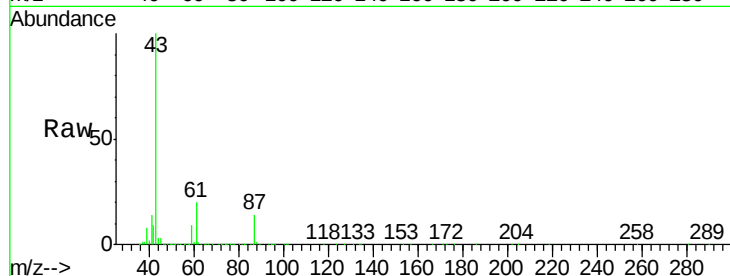
Tot Ion: 43 Resp: 526573

Ion Ratio Lower Upper

43 100

61 20.6 16.8 25.2

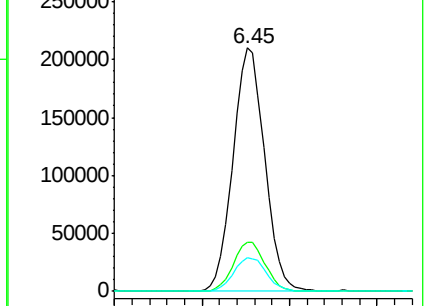
87 14.4 12.4 18.6



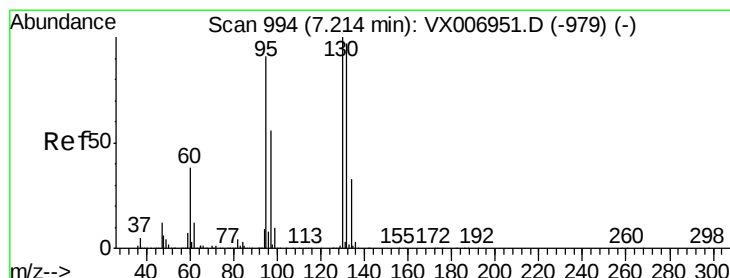
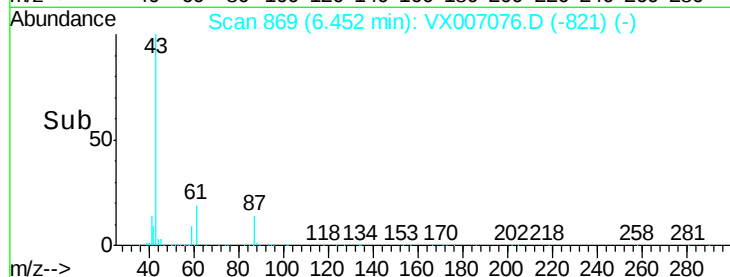
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time--> 6.30 6.40 6.50 6.60



#44

Trichloroethene

Concen: 46.956 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX007076.D

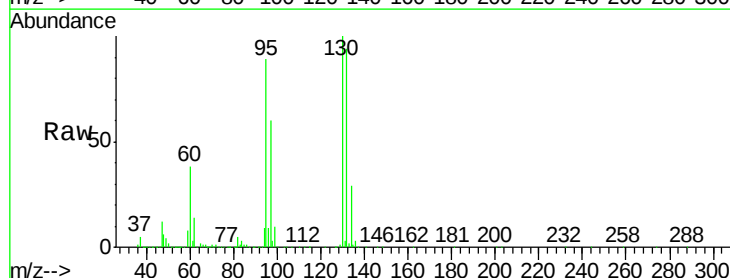
Acq: 16 Jan 2019 16:50

Tgt Ion: 130 Resp: 279565

Ion Ratio Lower Upper

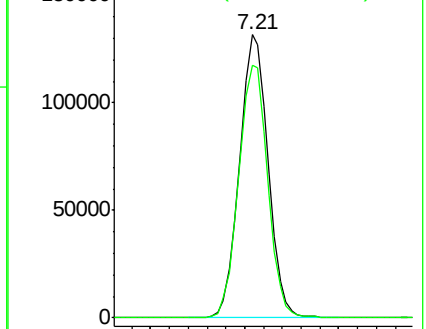
130 100

95 89.2 0.0 187.0

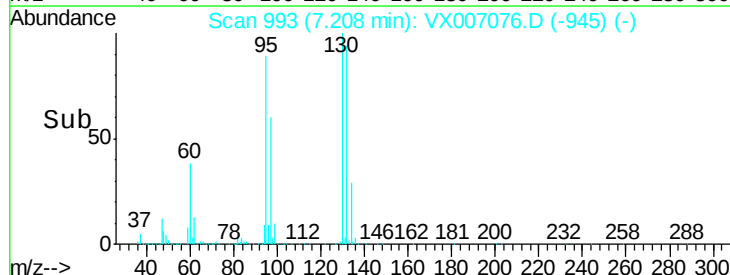


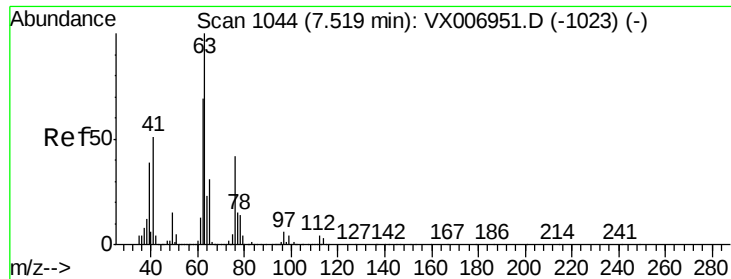
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time--> 7.10 7.20 7.30





#45

1,2-Dichloropropane

Concen: 48.384 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

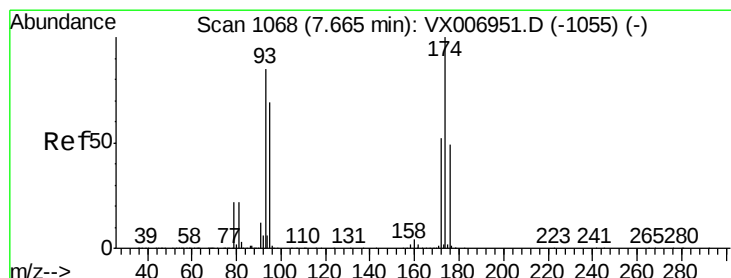
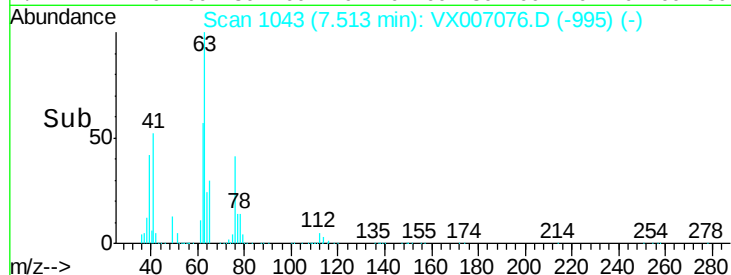
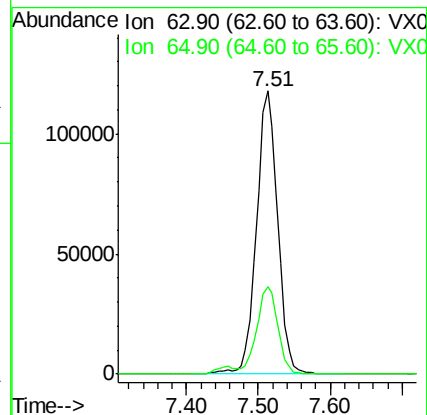
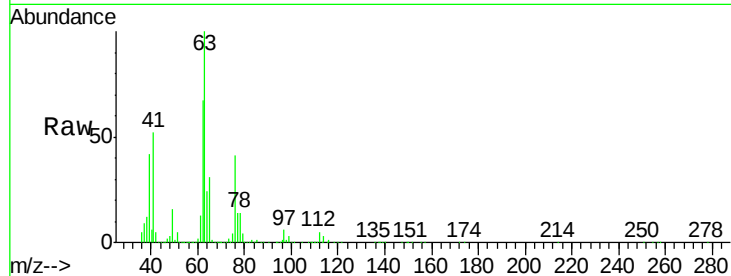
VSTDCCC050EC

Tot Ion: 63 Resp: 241678

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0



#46

Dibromomethane

Concen: 48.119 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

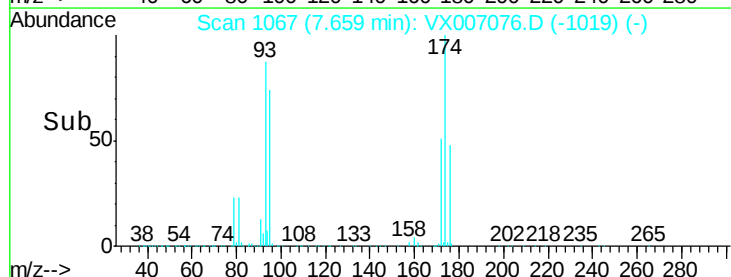
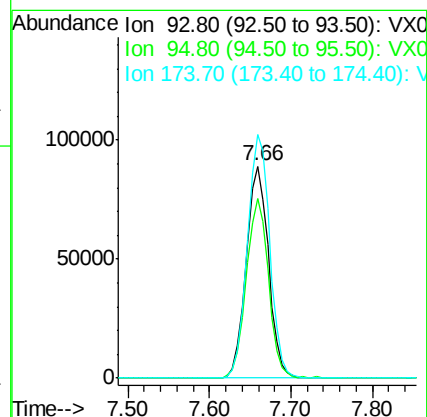
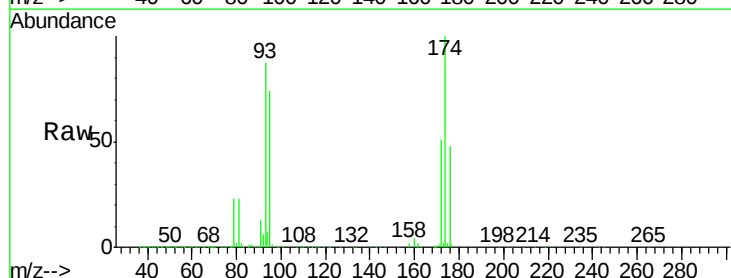
Tgt Ion: 93 Resp: 168921

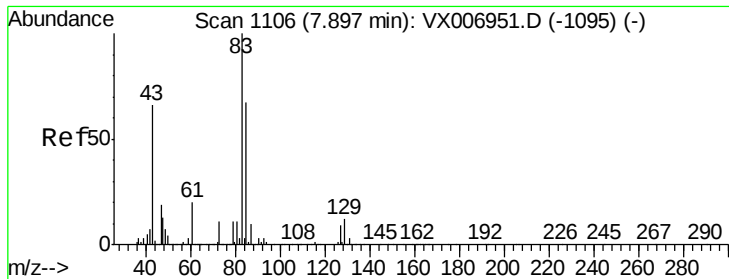
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 115.5 91.0 136.4





#47

Bromodichloromethane

Concen: 50.798 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

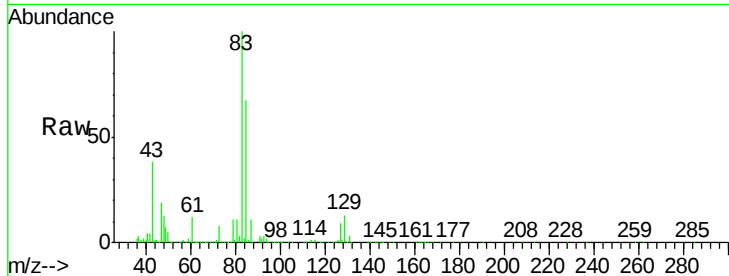
Tot Ion: 83 Resp: 303539

Ion Ratio Lower Upper

83 100

85 66.5 53.2 79.8

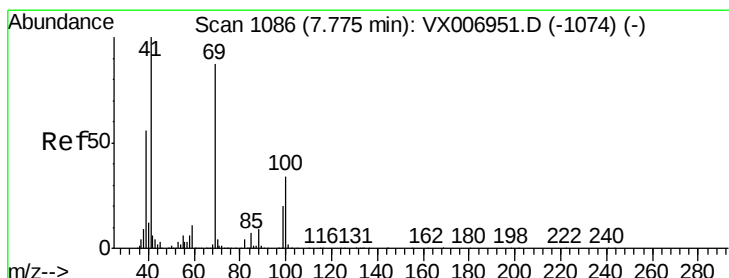
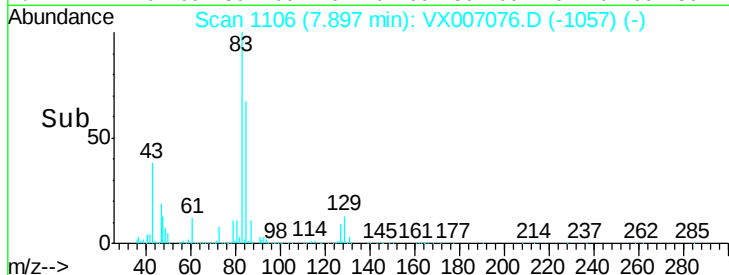
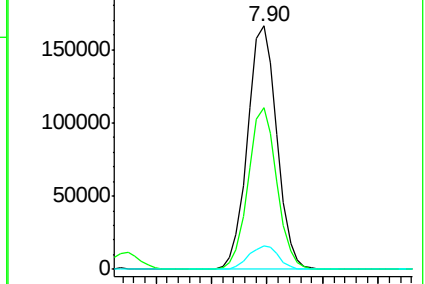
127 9.5 7.8 11.6



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: 49.128 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

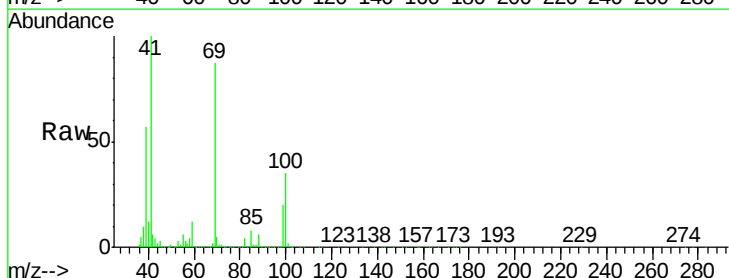
Tgt Ion: 41 Resp: 277810

Ion Ratio Lower Upper

41 100

69 87.4 72.4 108.6

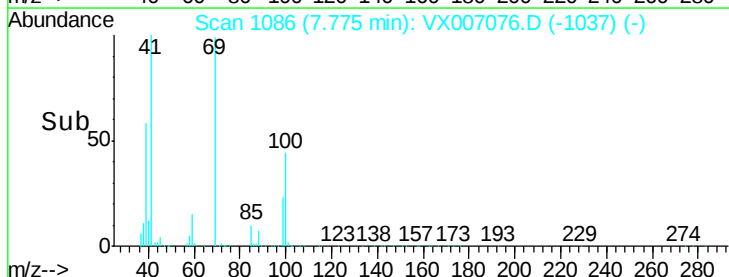
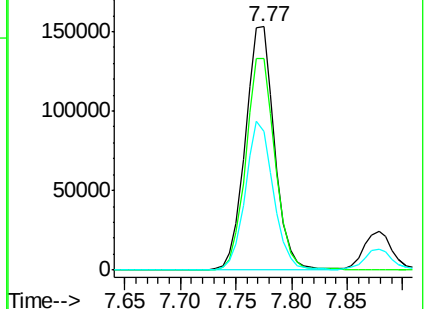
39 58.6 45.8 68.8

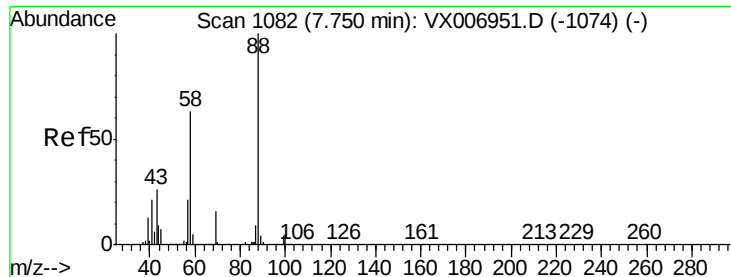


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 957.309 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

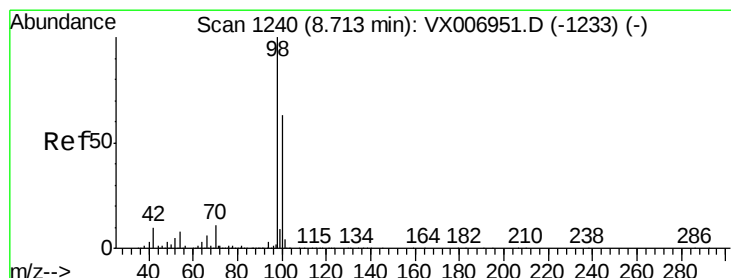
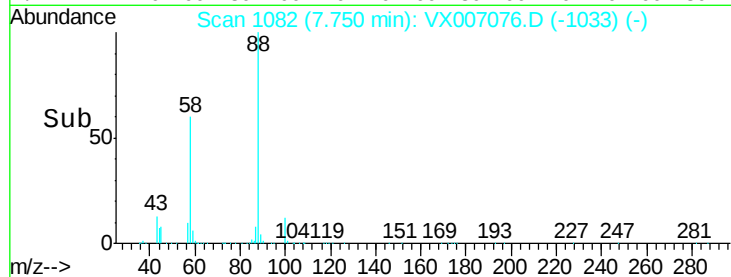
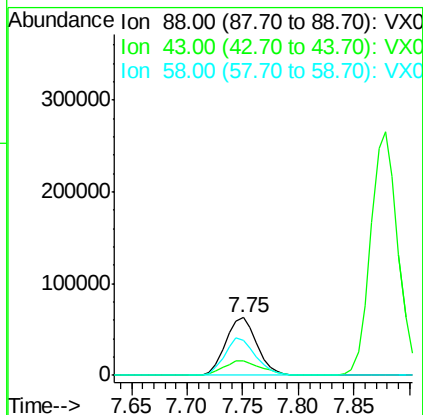
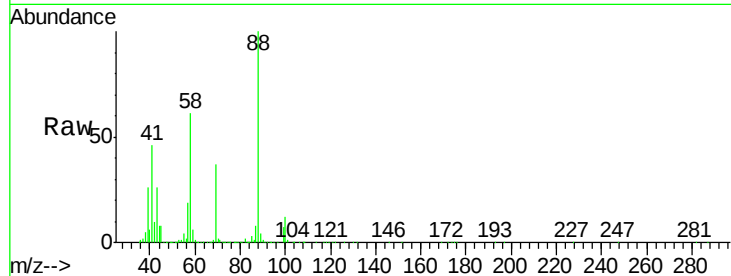
Tot Ion: 88 Resp: 123672

Ion Ratio Lower Upper

88 100

43 29.4 22.2 33.4

58 64.3 51.0 76.4



#50

Toluene-d8

Concen: 51.702 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007076.D

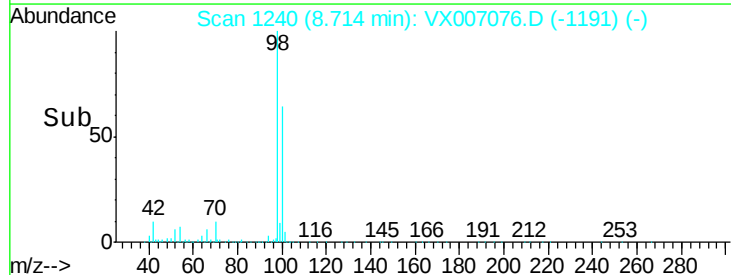
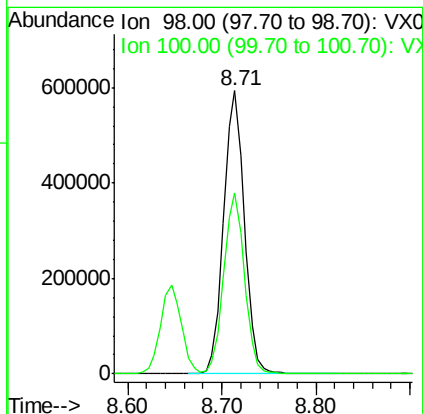
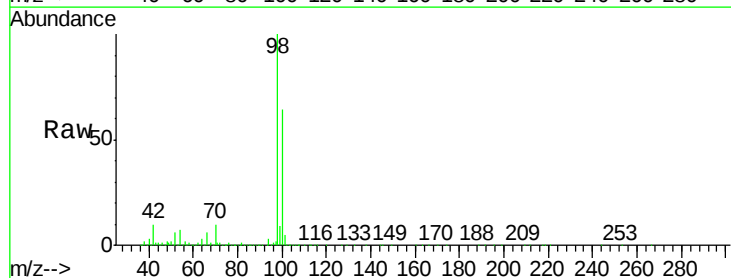
Acq: 16 Jan 2019 16:50

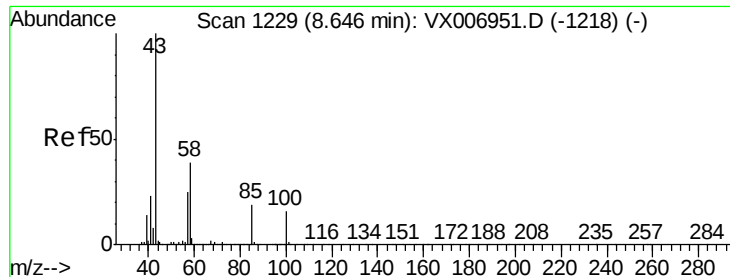
Tgt Ion: 98 Resp: 907654

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 250.319 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

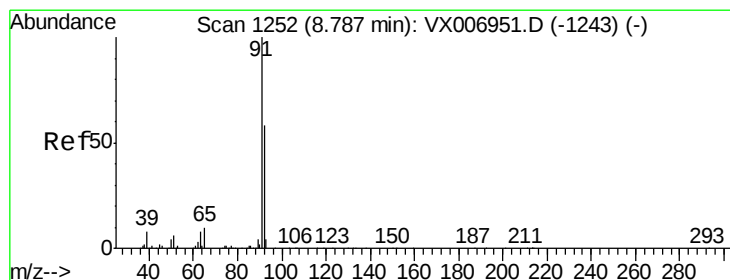
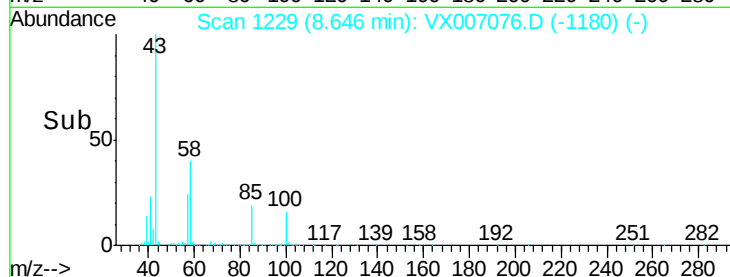
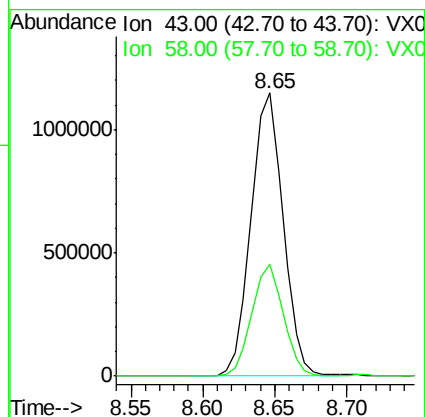
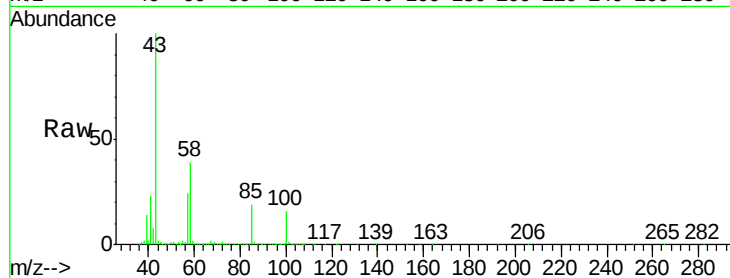
VSTDCCC050EC

Tot Ion: 43 Resp: 1771407

Ion Ratio Lower Upper

43 100

58 38.7 31.8 47.6



#52

Toluene

Concen: 48.143 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007076.D

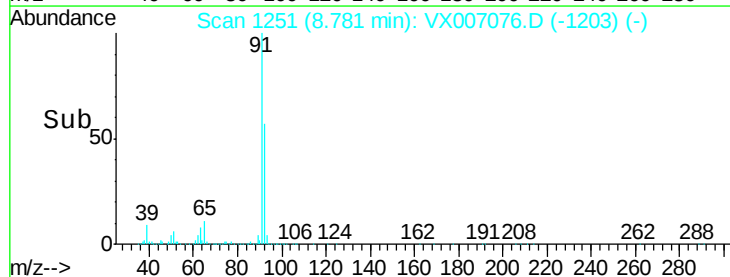
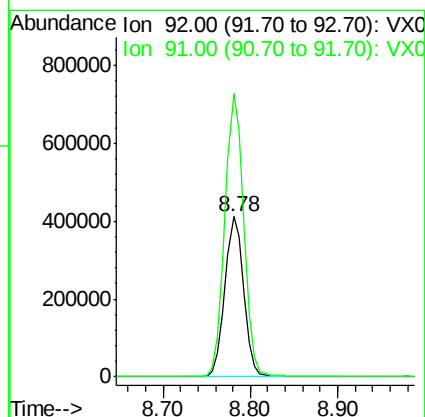
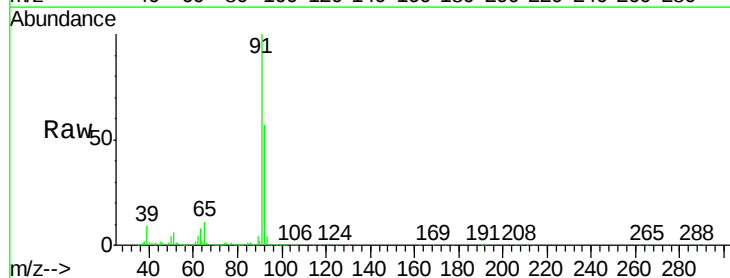
Acq: 16 Jan 2019 16:50

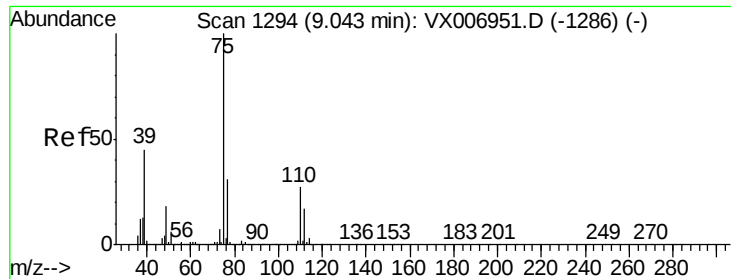
Tgt Ion: 92 Resp: 614794

Ion Ratio Lower Upper

92 100

91 176.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.527 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

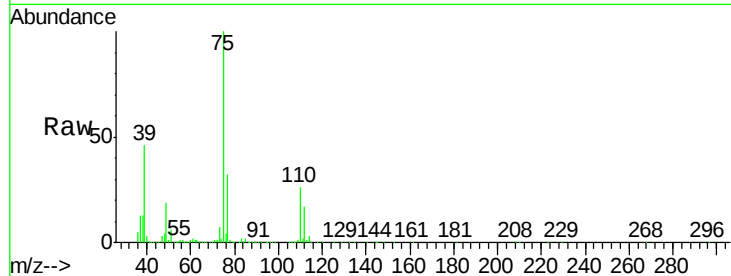
VSTDCCC050EC

Tot Ion: 75 Resp: 341415

Ion Ratio Lower Upper

75 100

77 31.8 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

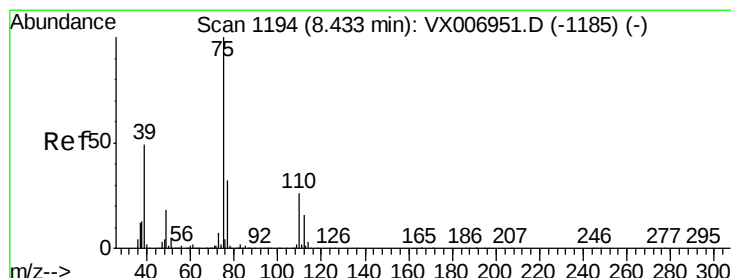
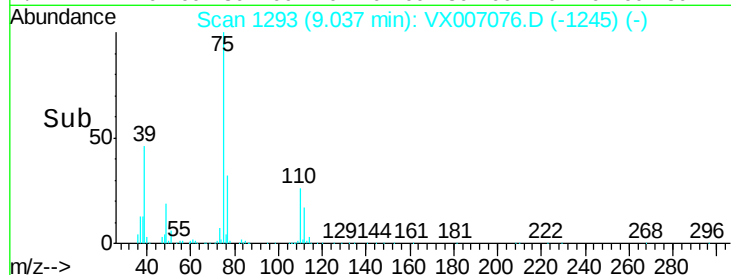
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.040 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

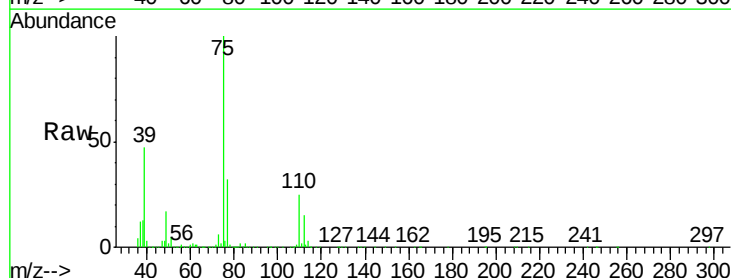
Tgt Ion: 75 Resp: 373471

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

39 47.3 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

250000

200000

150000

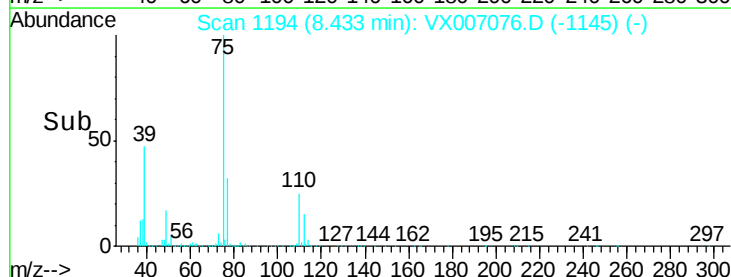
100000

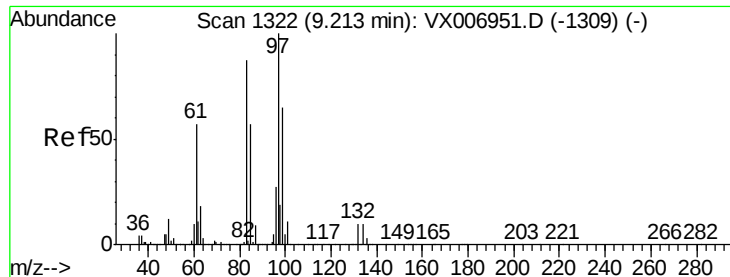
50000

0

8.30 8.40 8.50 8.60

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.586 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 263676

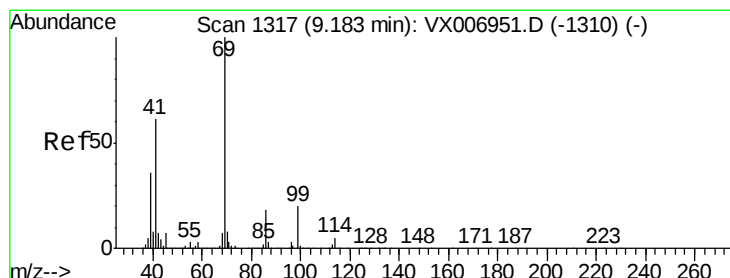
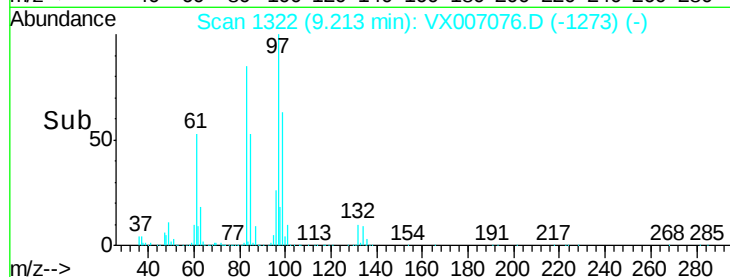
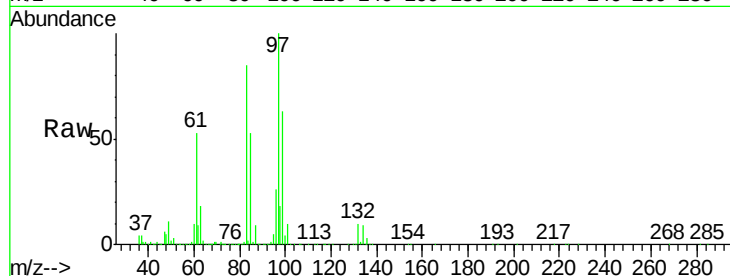
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.6	99.8
85	53.4	42.7	64.1
99	62.6	50.8	76.2

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.769 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

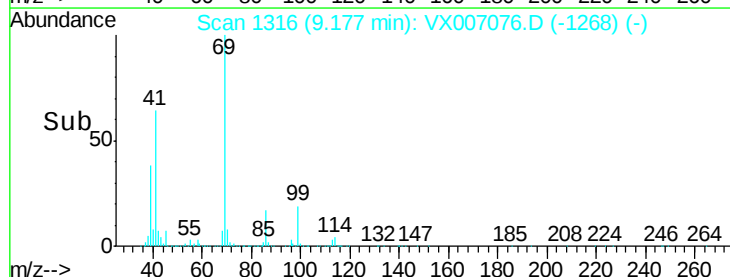
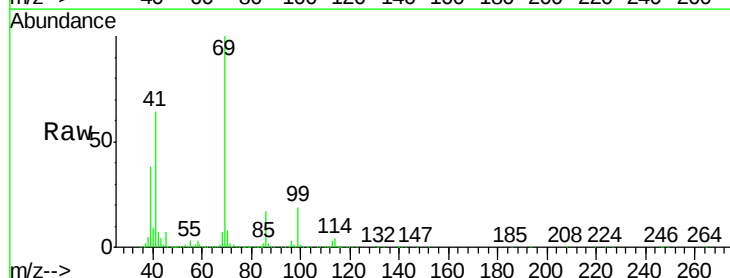
Tgt Ion: 69 Resp: 386300

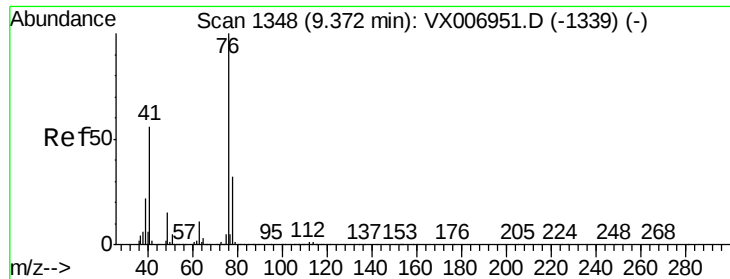
Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.7	73.1
39	37.0	27.0	40.6

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.025 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

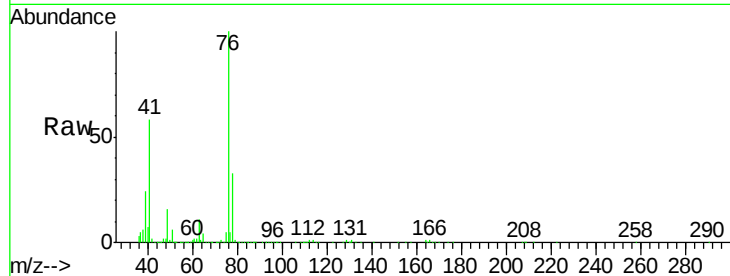
VSTDCCC050EC

Tot Ion: 76 Resp: 410532

Ion Ratio Lower Upper

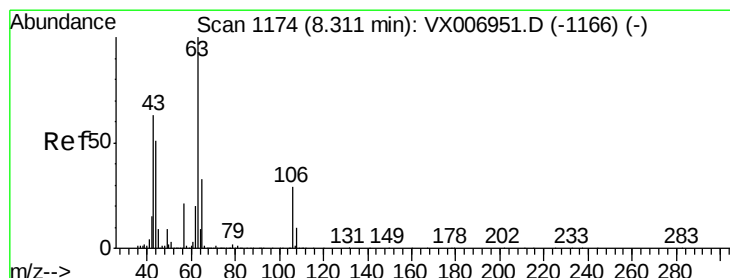
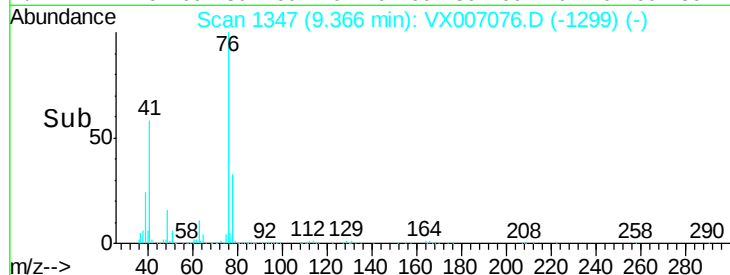
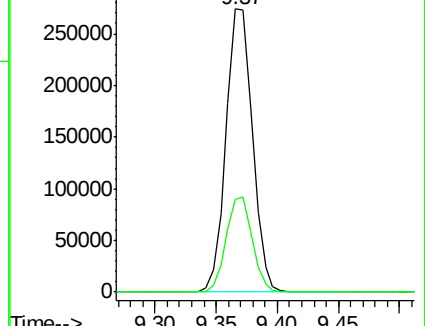
76 100

78 33.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 254.009 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007076.D

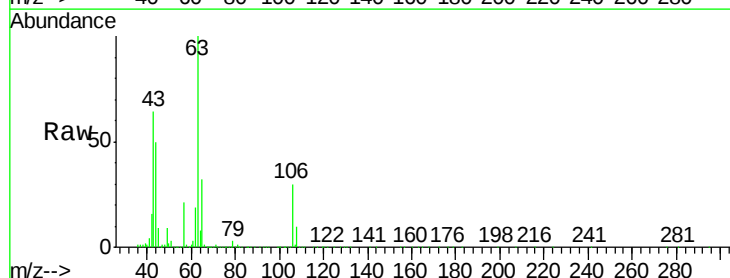
Acq: 16 Jan 2019 16:50

Tgt Ion: 63 Resp: 974541

Ion Ratio Lower Upper

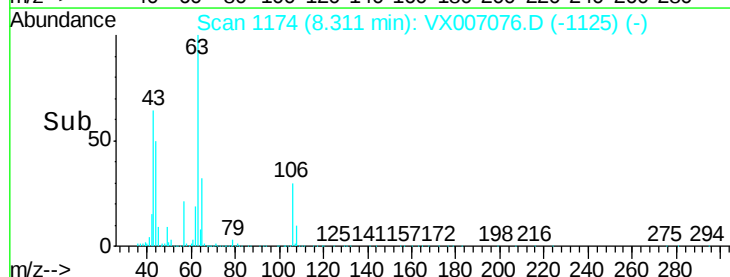
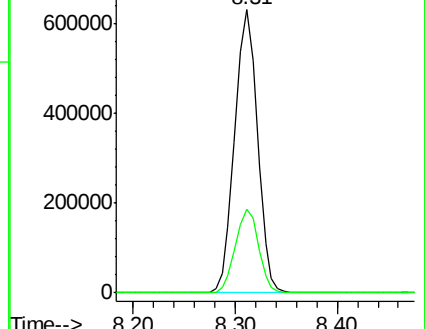
63 100

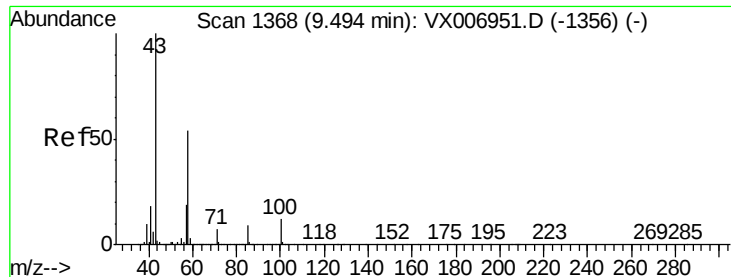
106 30.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

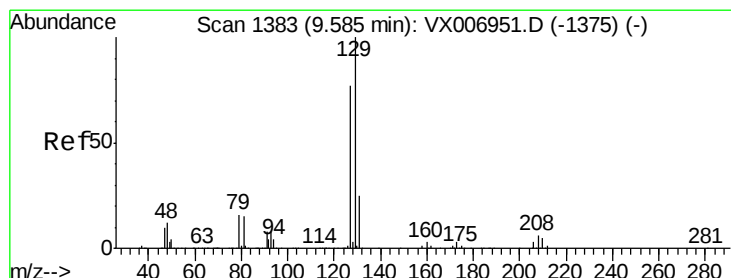
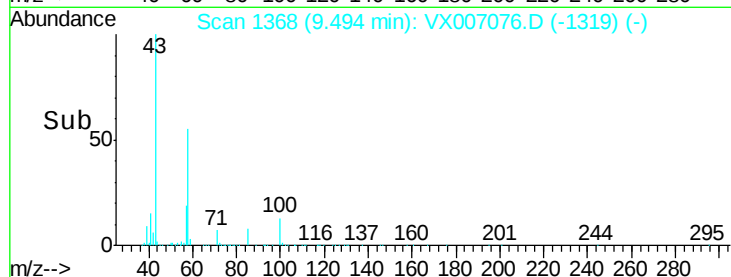
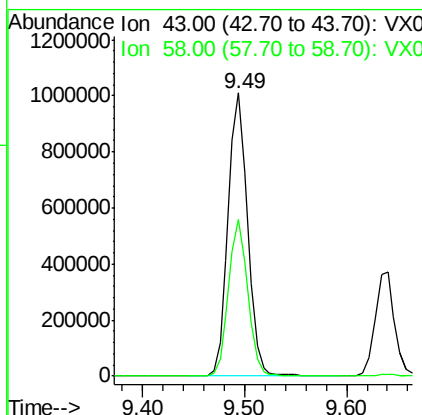
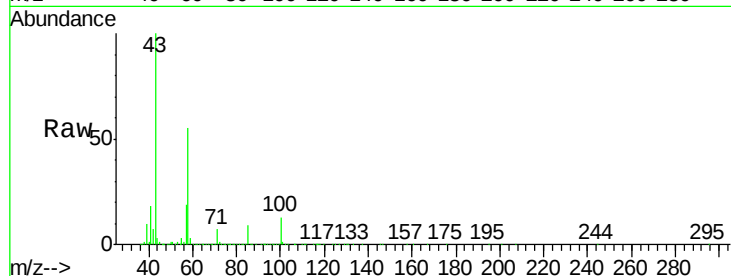




#59
2-Hexanone
Concen: 247.420 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

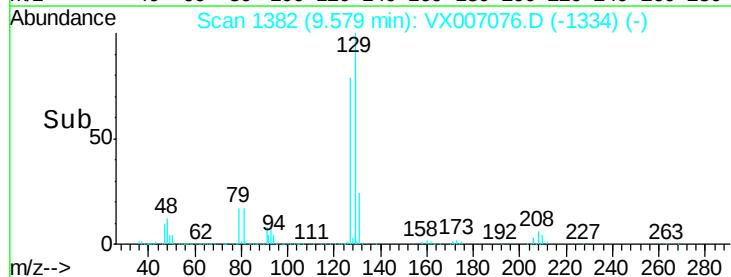
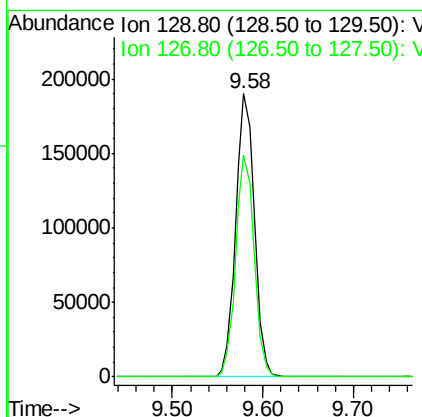
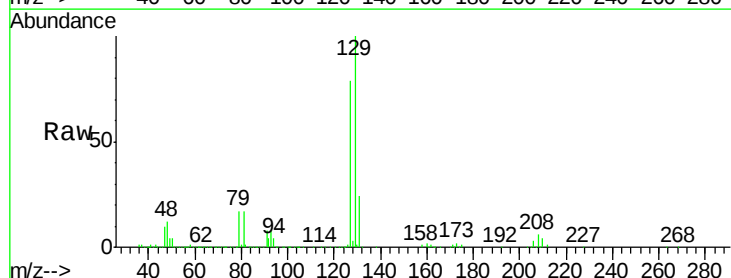
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

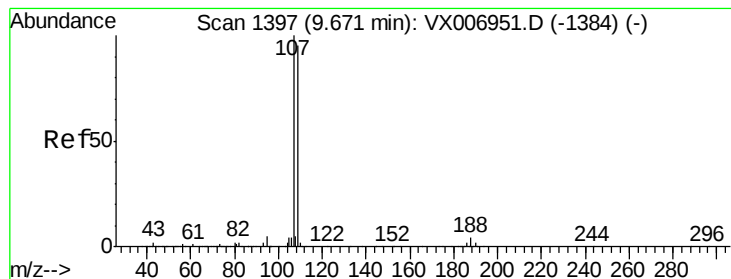
Tot Ion: 43 Resp: 1334279
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 54.871 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 129 Resp: 272342
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.207 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

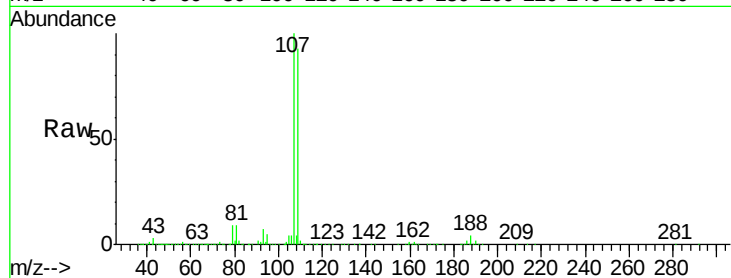
VSTDCCC050EC

Tot Ion:107 Resp: 282522

Ion Ratio Lower Upper

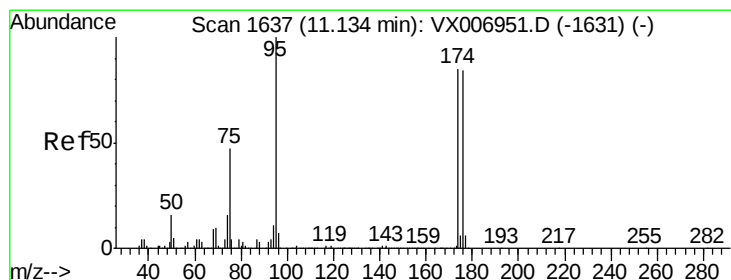
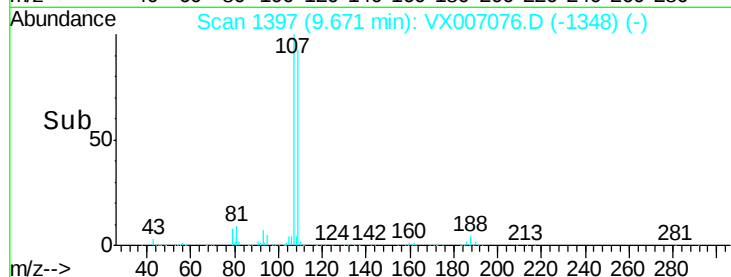
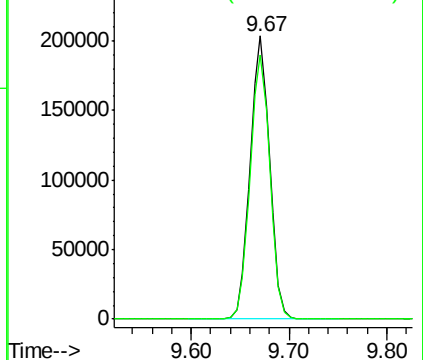
107 100

109 94.4 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: 55.583 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

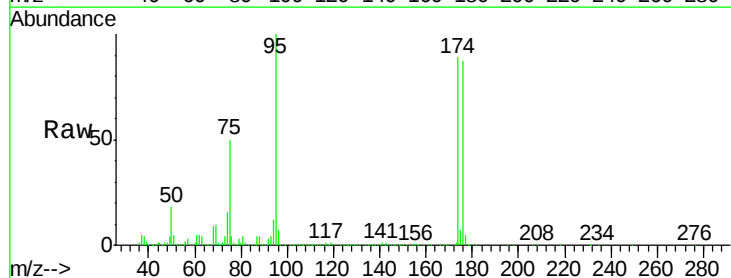
Tgt Ion: 95 Resp: 340186

Ion Ratio Lower Upper

95 100

174 94.7 0.0 182.2

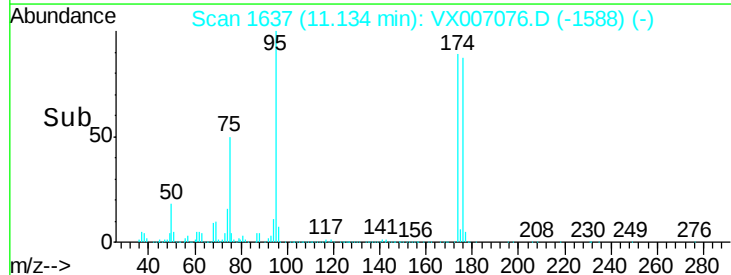
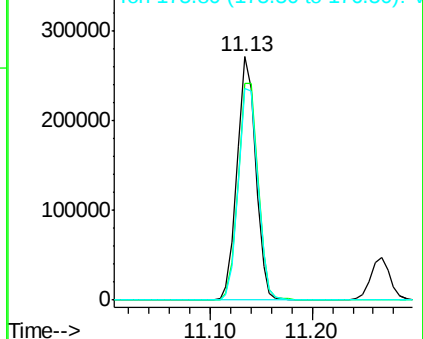
176 91.8 0.0 178.8

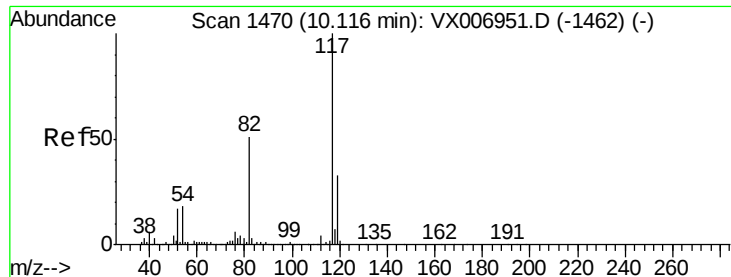


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

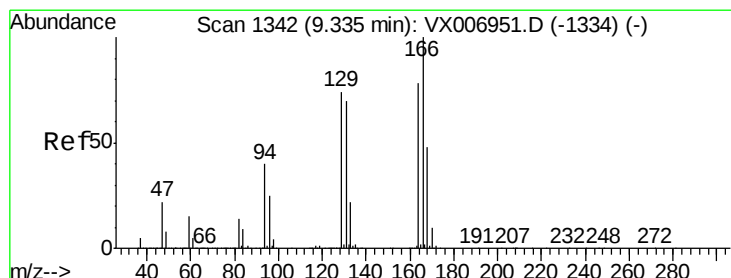
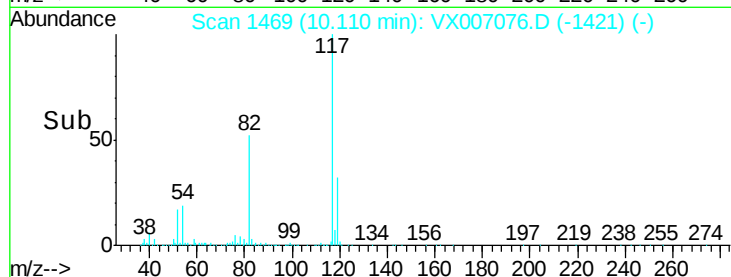
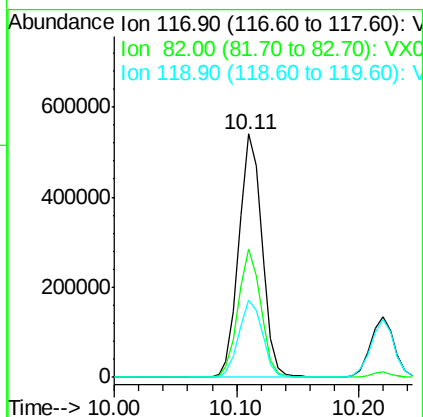
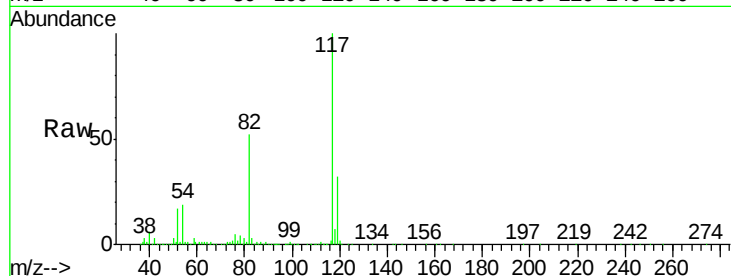




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

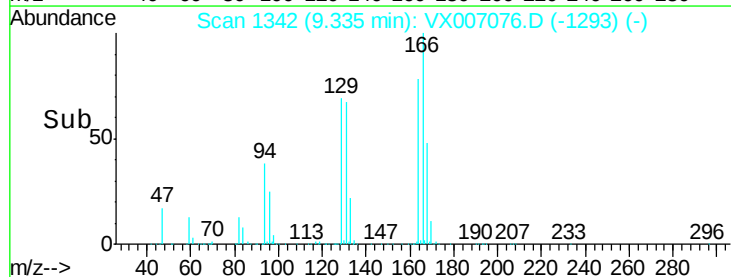
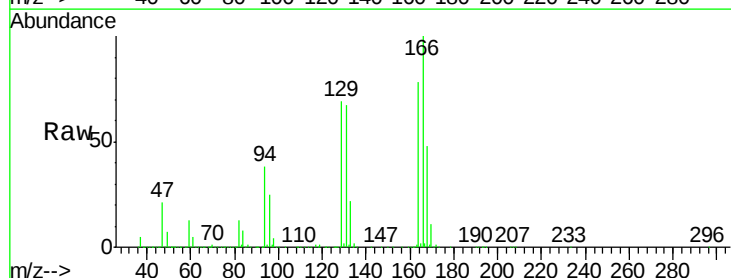
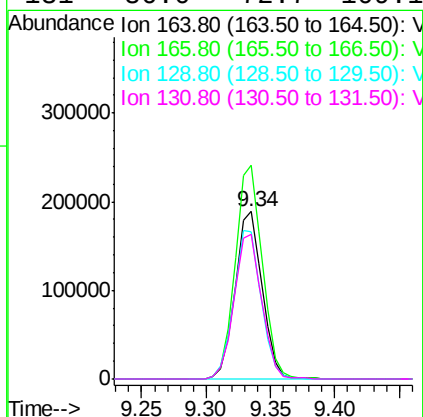
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

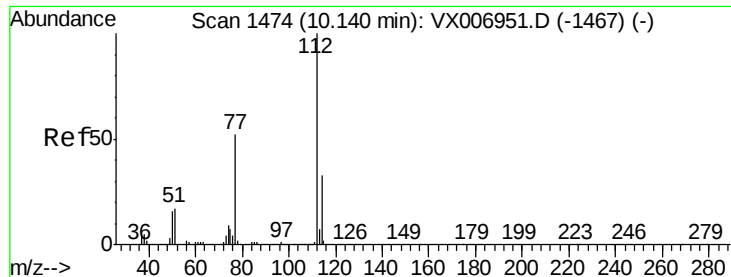
Tot Ion:117 Resp: 705922
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.6
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 45.262 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion:164 Resp: 276627
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 87.6 75.1 112.7
131 86.0 72.7 109.1





#65

Chlorobenzene

Concen: 47.823 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

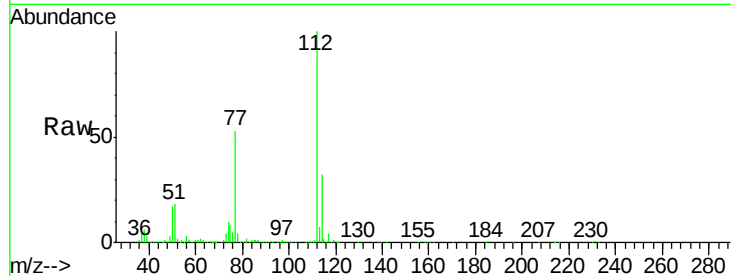
VSTDCCC050EC

Tot Ion:112 Resp: 736304

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

600000

500000

400000

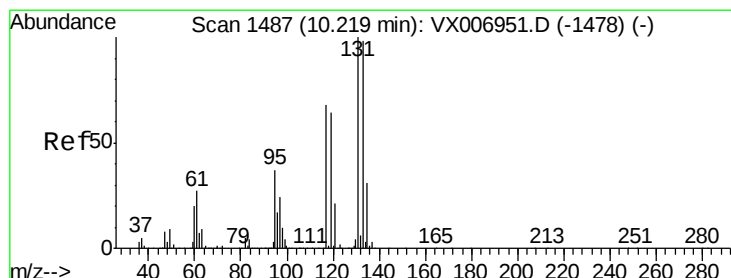
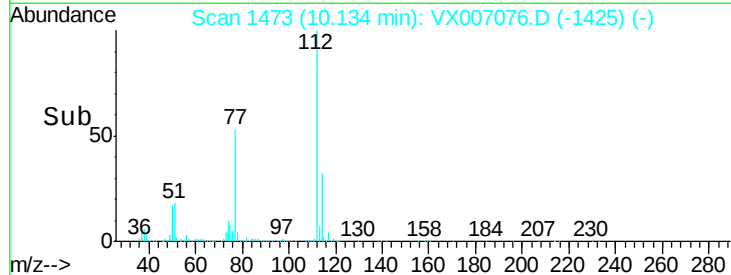
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 50.796 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

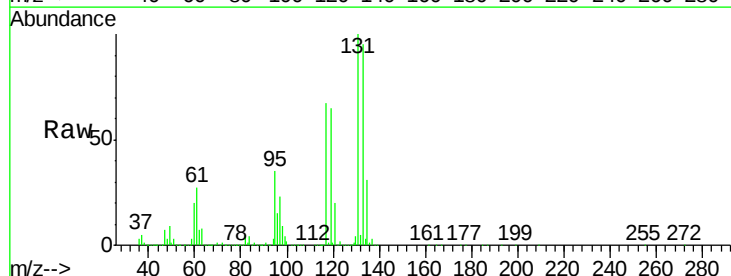
Tgt Ion:131 Resp: 263091

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.2

119 65.0 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

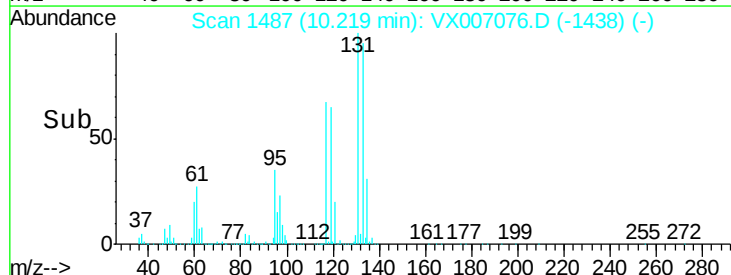
150000

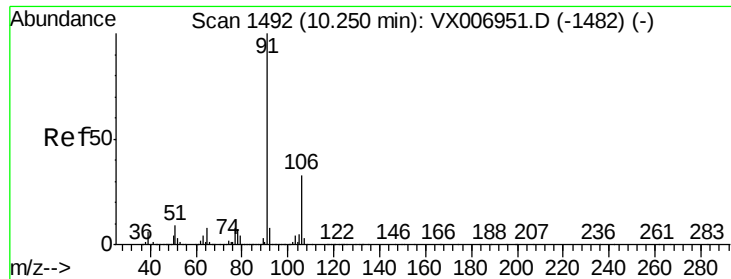
100000

50000

0

Time--> 10.20 10.30

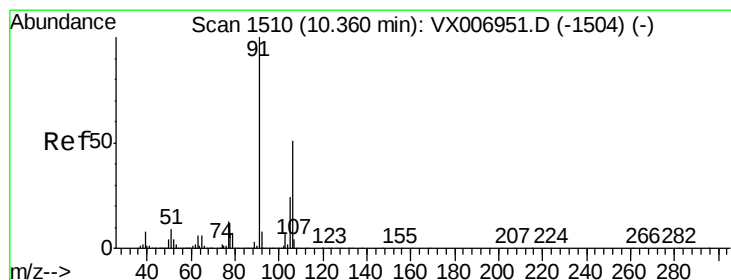
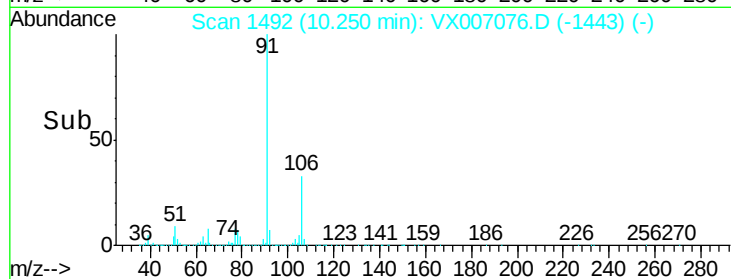
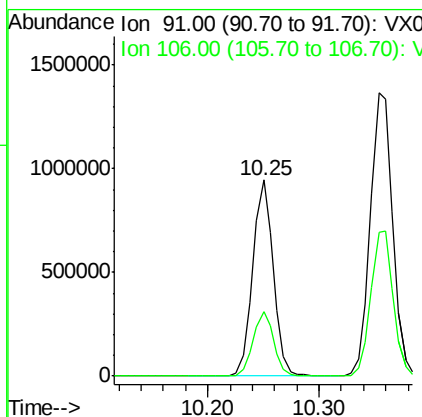
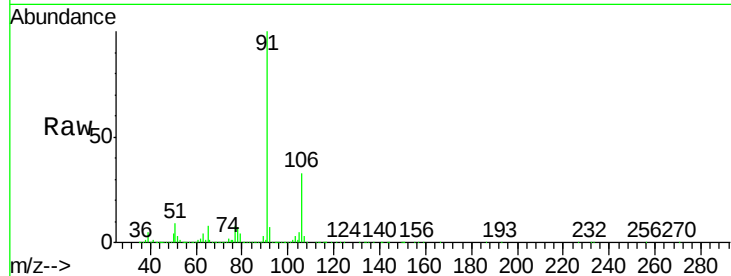




#67
Ethyl Benzene
Concen: 47.889 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

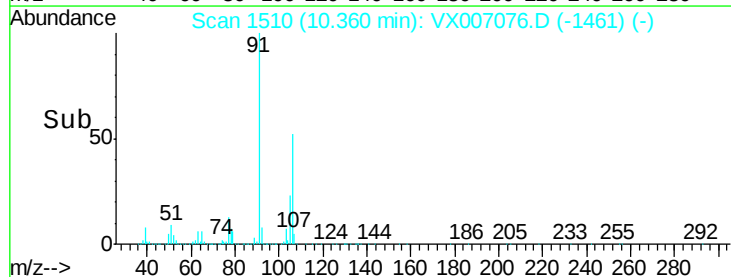
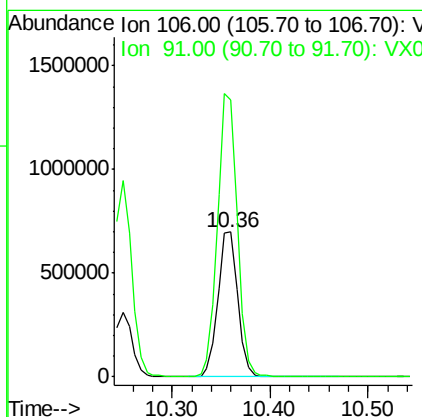
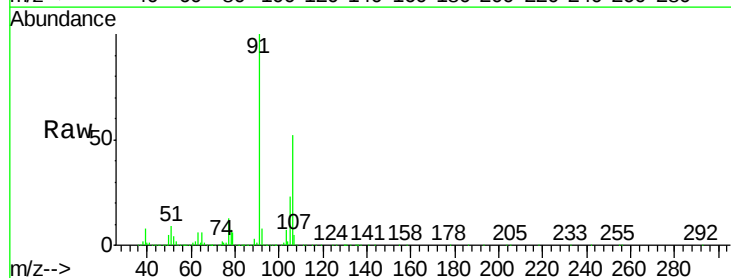
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

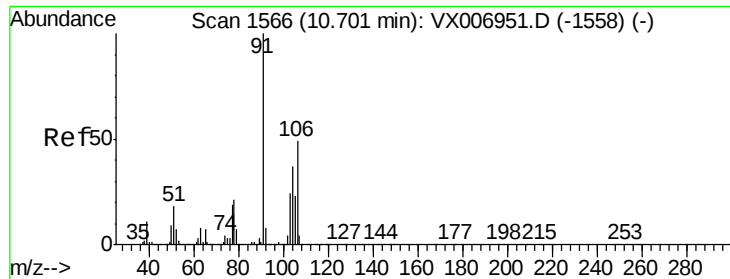
Tot Ion: 91 Resp: 1217229
Ion Ratio Lower Upper
91 100
106 32.8 26.4 39.6



#68
m/p-Xylenes
Concen: 98.538 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 106 Resp: 986784
Ion Ratio Lower Upper
106 100
91 195.4 155.8 233.6

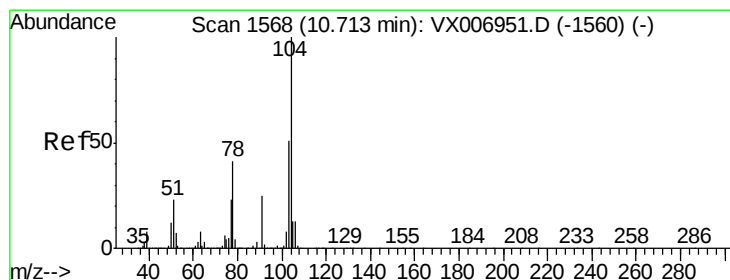
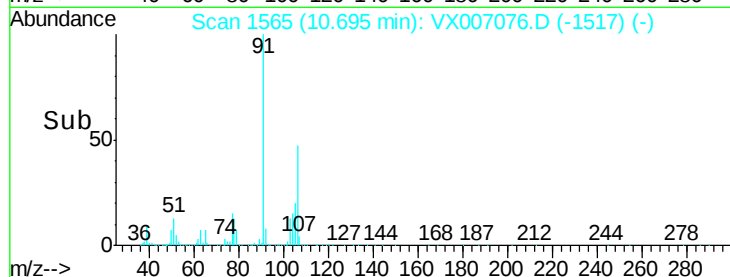
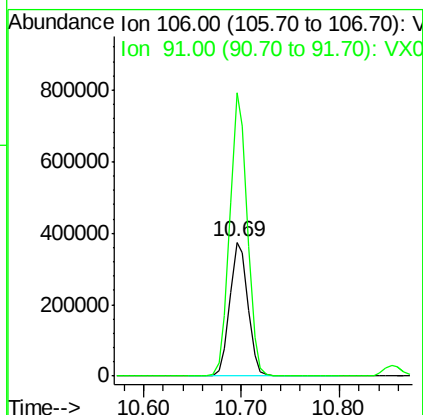
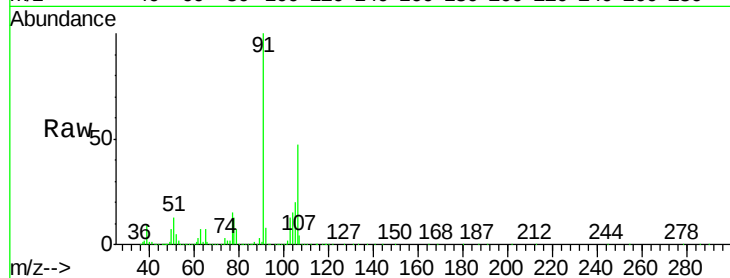




#69
o-Xylene
Concen: 49.331 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

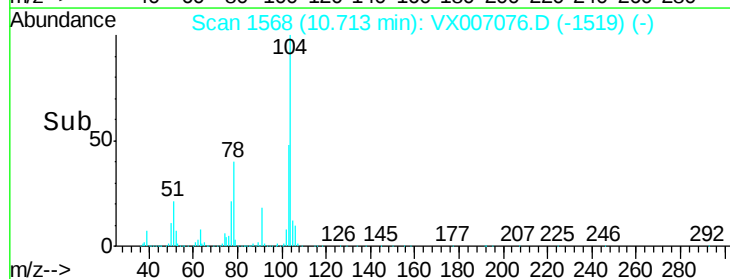
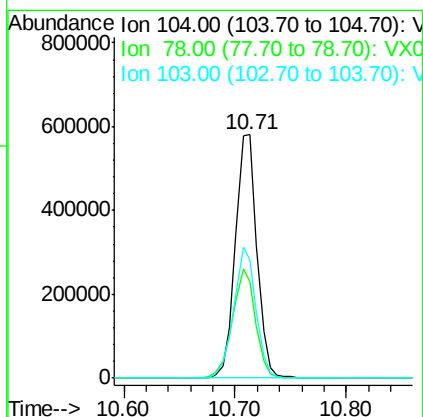
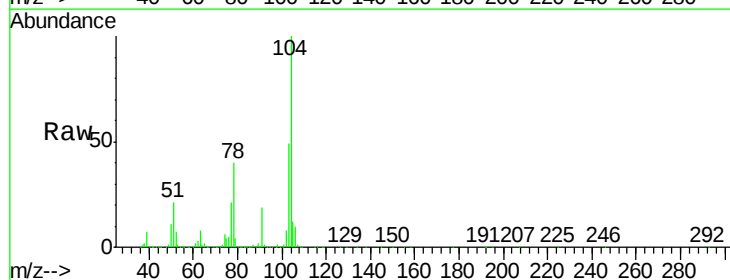
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

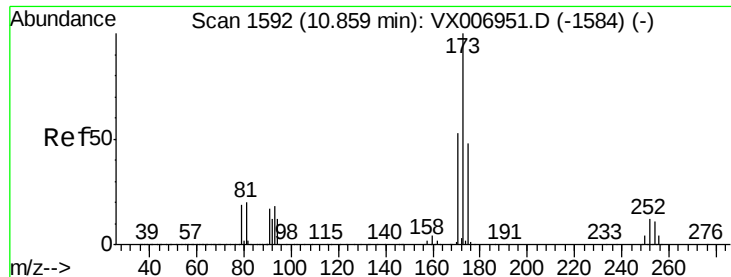
Tot Ion:106 Resp: 481783
Ion Ratio Lower Upper
106 100
91 205.2 101.3 303.7



#70
Styrene
Concen: 50.600 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion:104 Resp: 782683
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 44.945 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

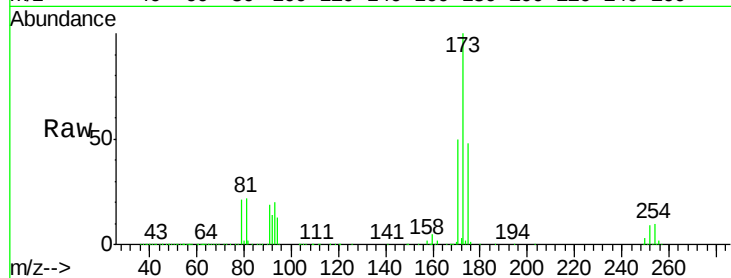
Tot Ion:173 Resp: 205822

Ion Ratio Lower Upper

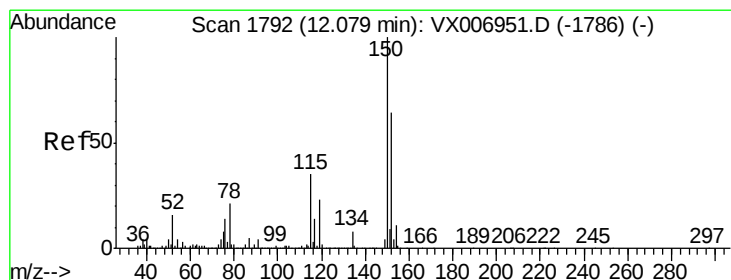
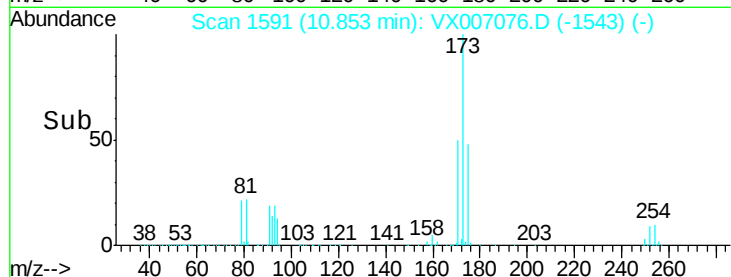
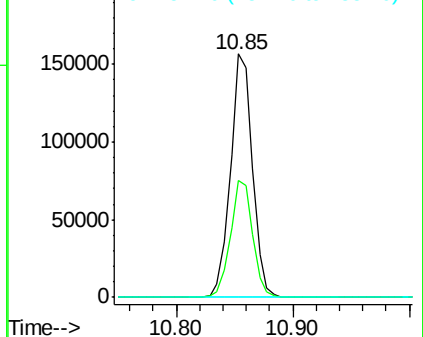
173 100

175 48.5 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: VX007076.D

Acq: 16 Jan 2019 16:50

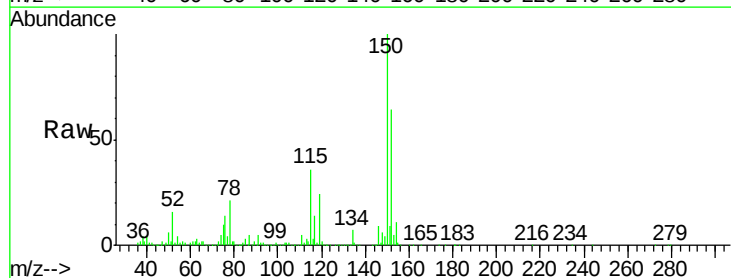
Tgt Ion:152 Resp: 381586

Ion Ratio Lower Upper

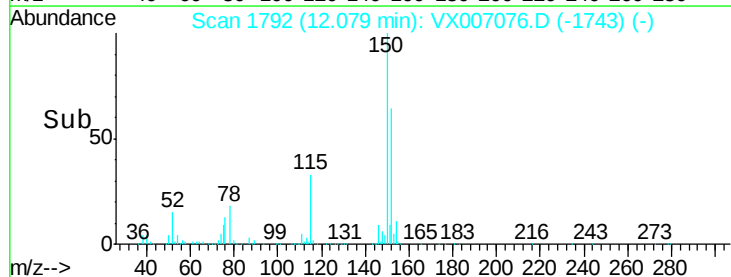
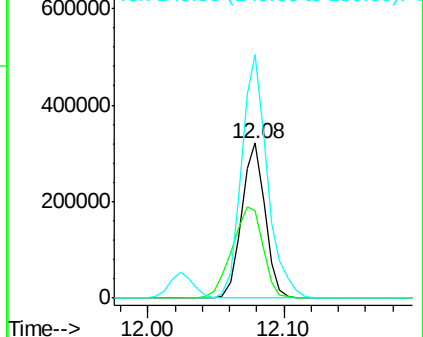
152 100

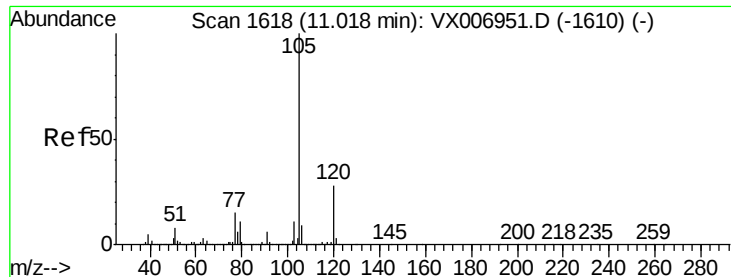
115 78.1 39.1 117.2

150 174.4 0.0 344.8



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





#73

Isopropylbenzene

Concen: 47.949 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

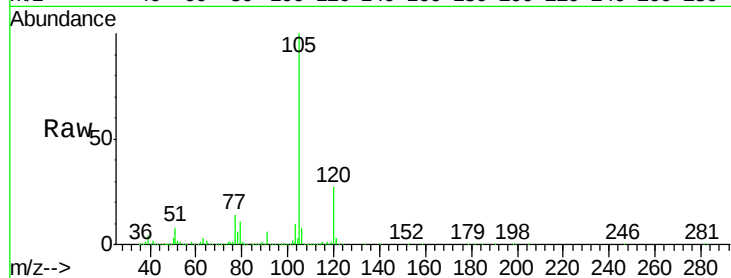
VSTDCCC050EC

Tot Ion:105 Resp: 1290162

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

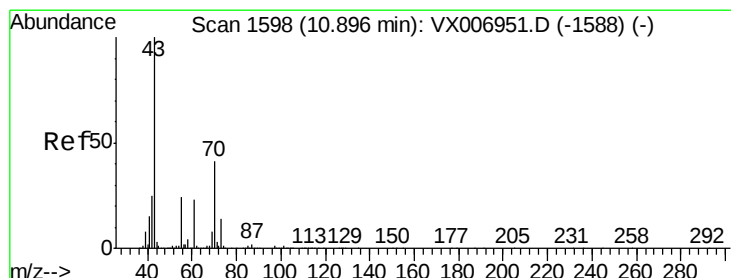
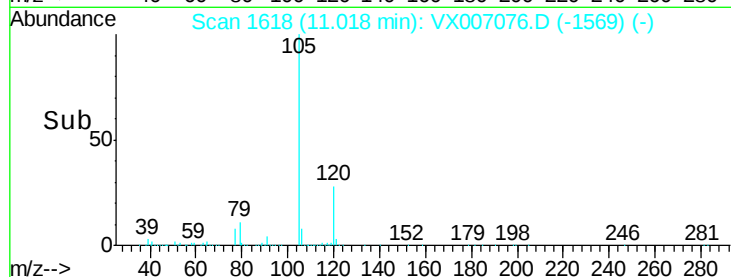
400000

200000

0

11.02

Time-->



#74

N-ethyl acetate

Concen: 45.710 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Tgt Ion: 43 Resp: 495190

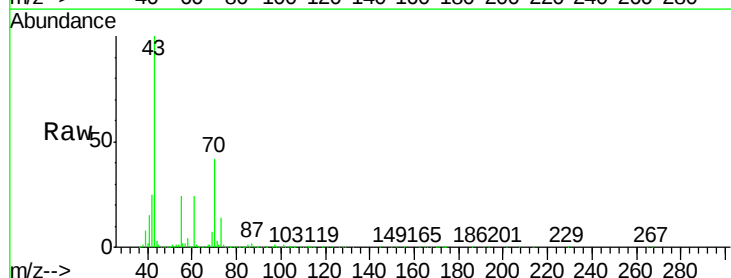
Ion Ratio Lower Upper

43 100

70 42.7 35.8 53.8

55 24.1 19.4 29.0

61 24.5 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

600000

500000

400000

300000

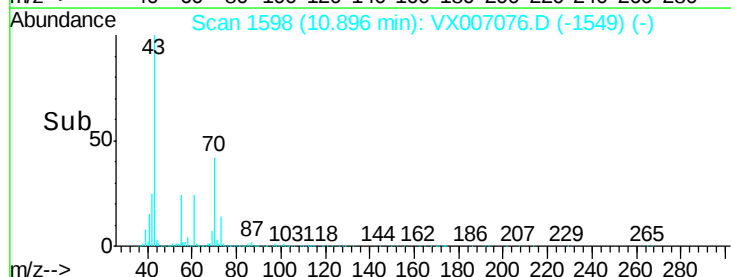
200000

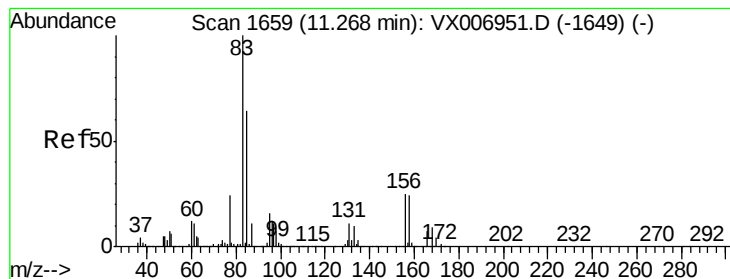
100000

0

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.319 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

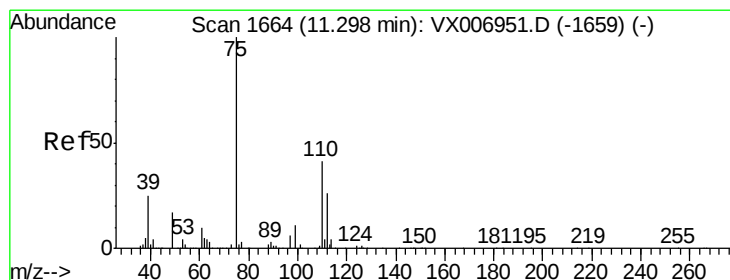
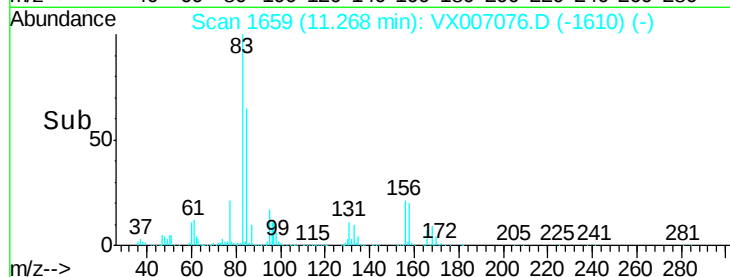
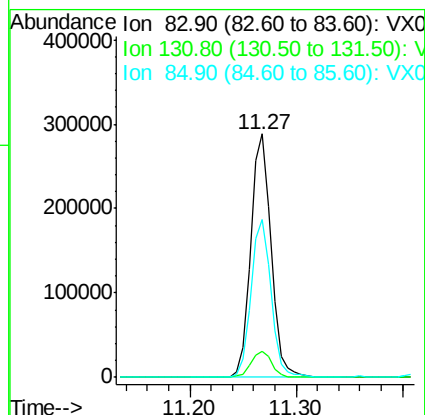
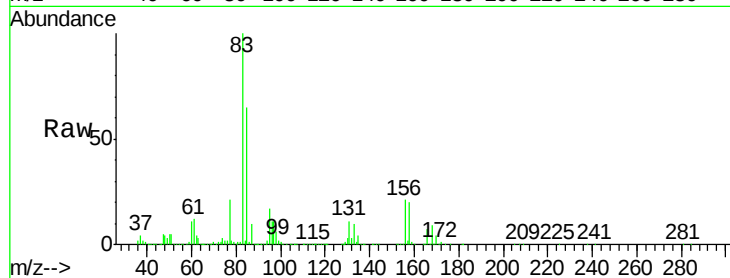
Tot Ion: 83 Resp: 387120

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 56.467 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007076.D

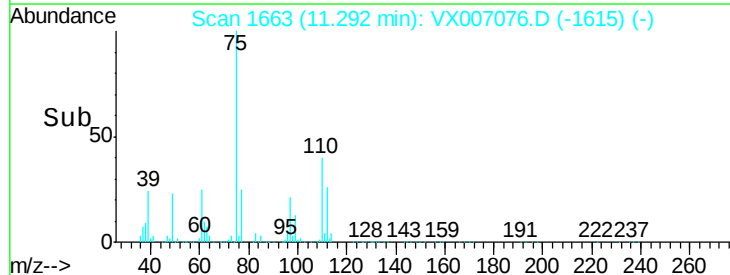
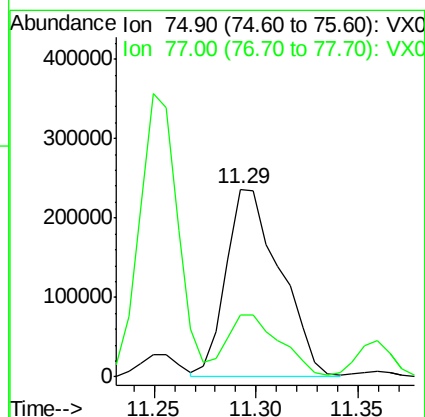
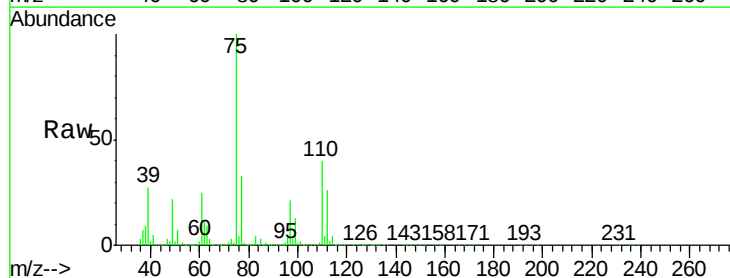
Acq: 16 Jan 2019 16:50

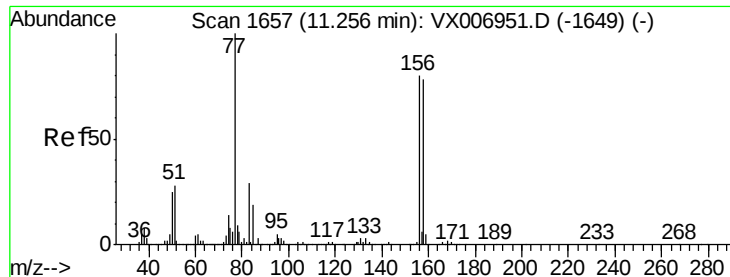
Tgt Ion: 75 Resp: 436638

Ion Ratio Lower Upper

75 100

77 33.2 18.5 55.5





#77

Bromobenzene

Concen: 46.386 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

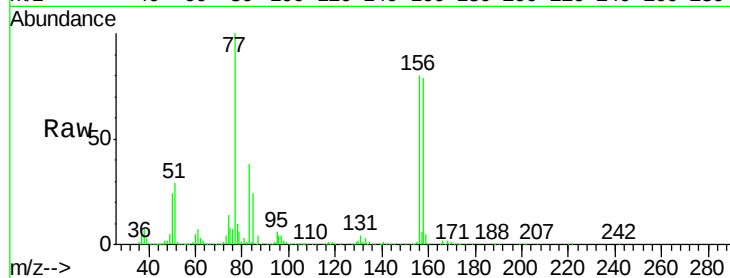
Tot Ion:156 Resp: 343901

Ion Ratio Lower Upper

156 100

77 134.4 68.0 204.0

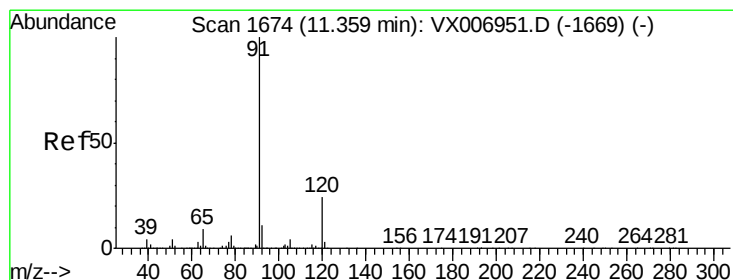
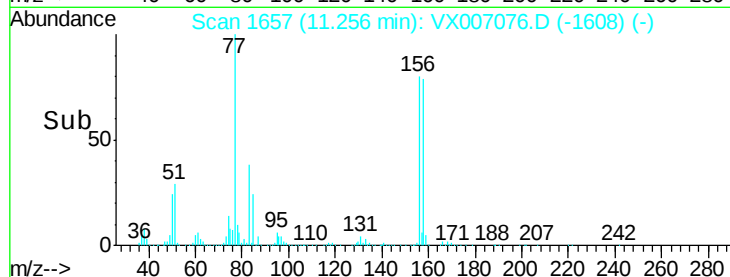
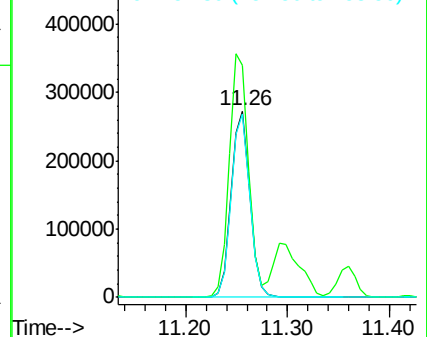
158 98.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.311 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007076.D

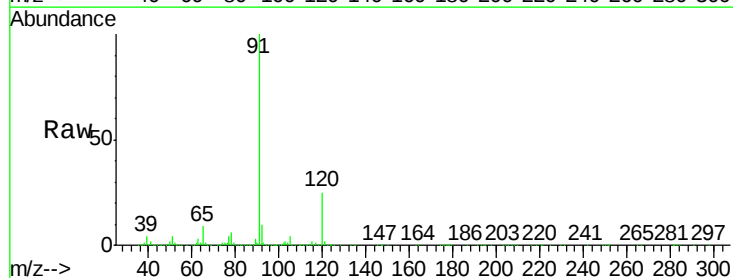
Acq: 16 Jan 2019 16:50

Tgt Ion: 91 Resp: 1456556

Ion Ratio Lower Upper

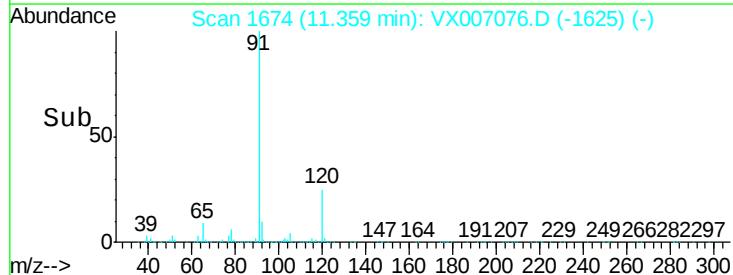
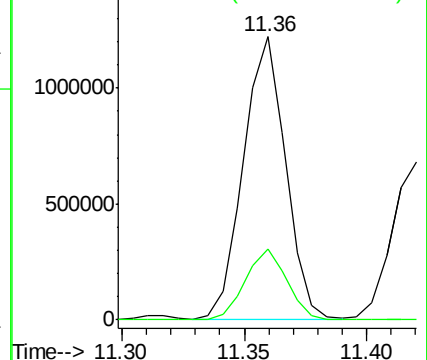
91 100

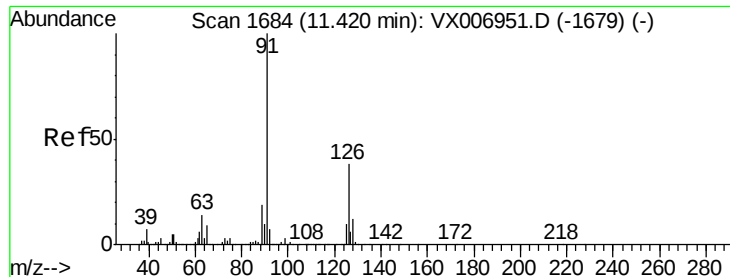
120 24.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.233 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

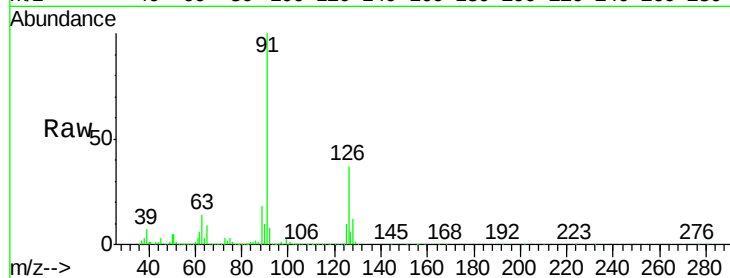
VSTDCCC050EC

Tot Ion: 91 Resp: 839841

Ion Ratio Lower Upper

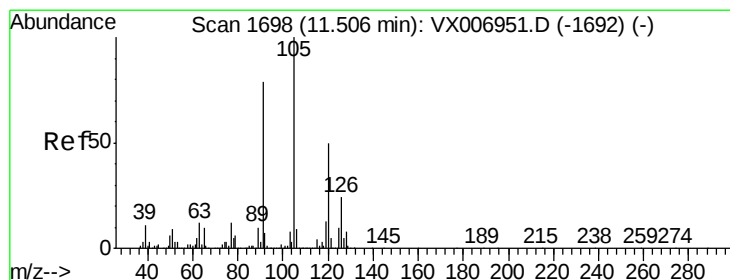
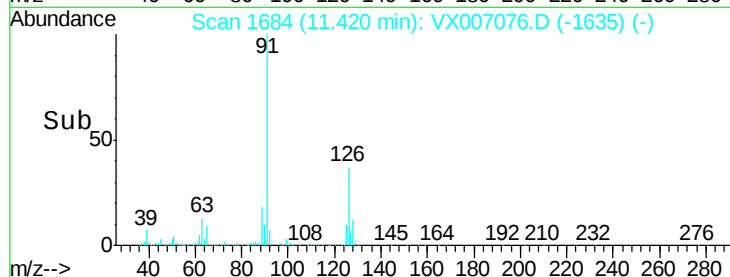
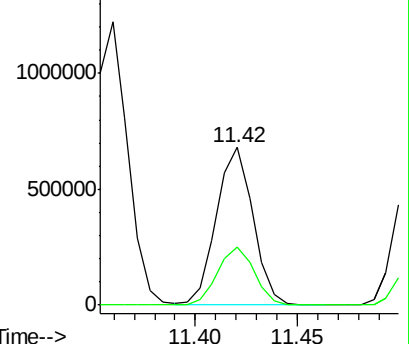
91 100

126 37.3 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: 47.931 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007076.D

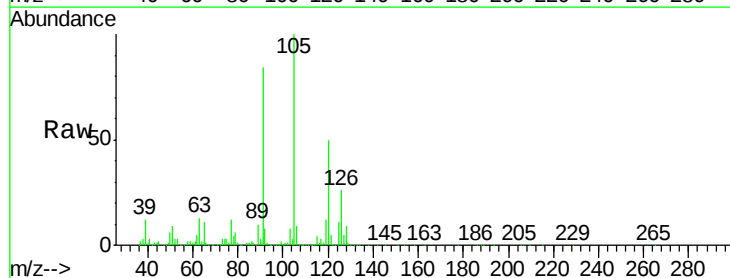
Acq: 16 Jan 2019 16:50

Tgt Ion: 105 Resp: 1077631

Ion Ratio Lower Upper

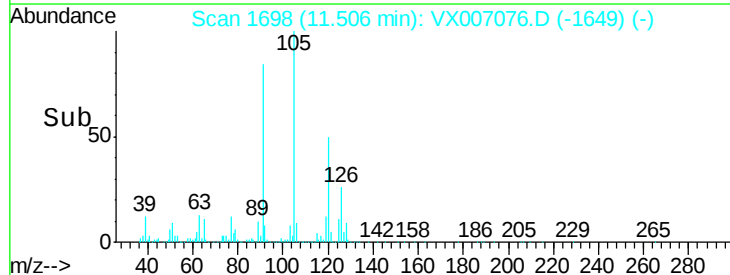
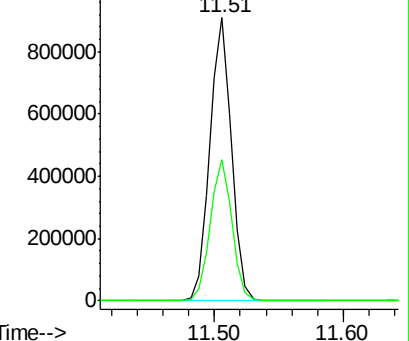
105 100

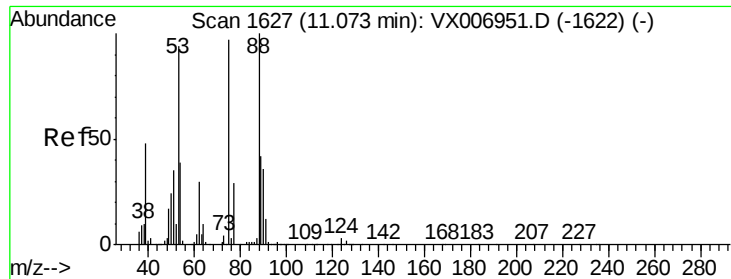
120 50.0 25.1 75.3



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

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

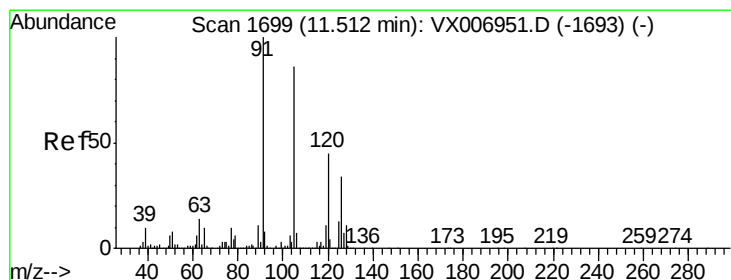
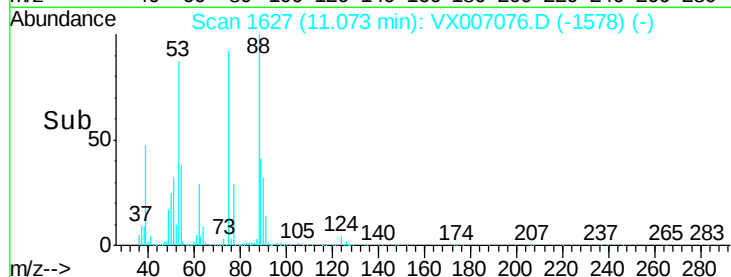
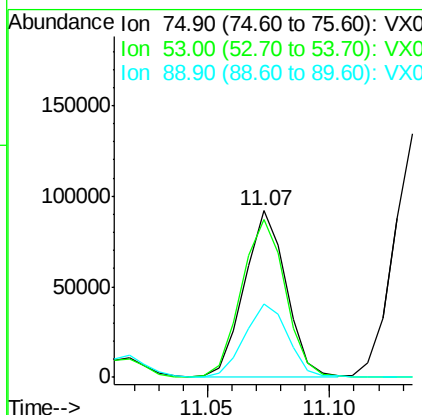
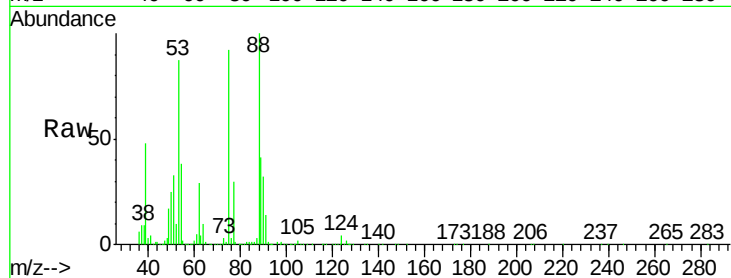




#81
trans-1,4-Dichloro-2-butene
Concen: 43.250 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

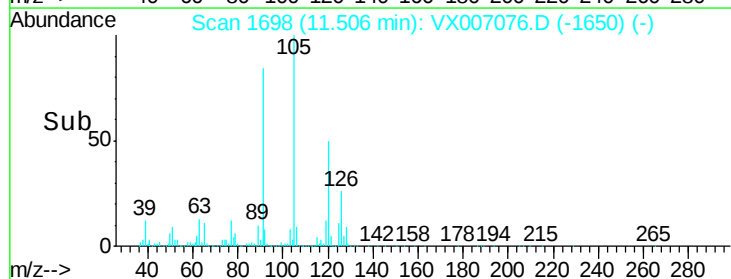
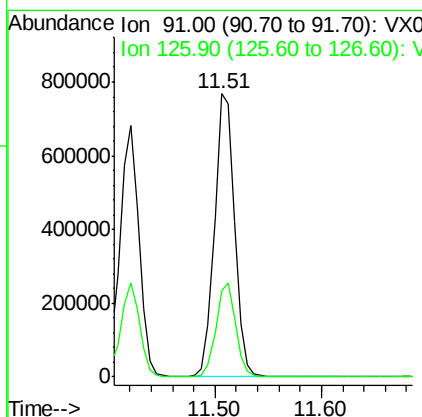
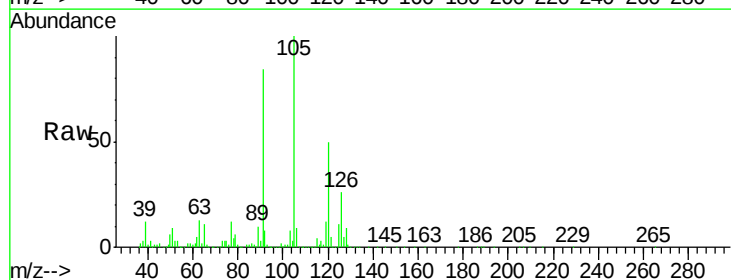
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 109405
Ion Ratio Lower Upper
75 100
53 99.2 79.7 119.5
89 47.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 48.345 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 91 Resp: 995304
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9





#83

tert-Butylbenzene

Concen: 47.824 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

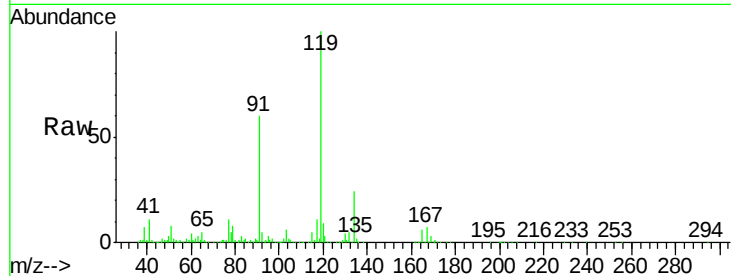
Tot Ion:119 Resp: 1072773

Ion Ratio Lower Upper

119 100

91 55.7 27.7 83.1

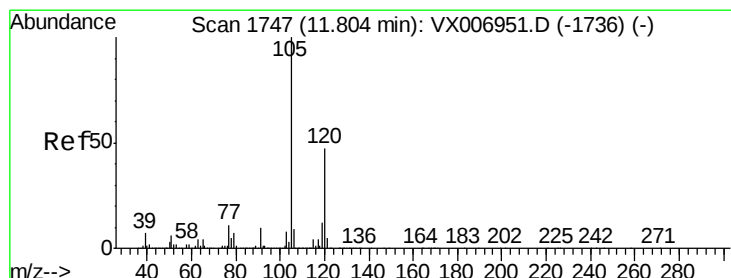
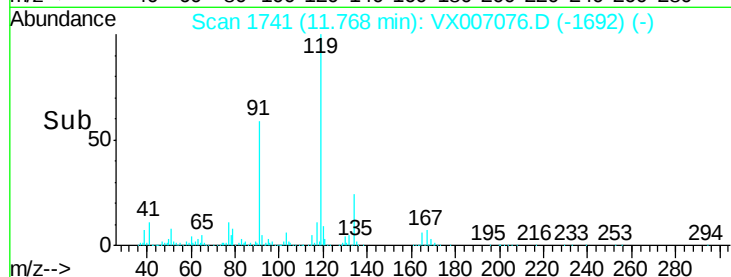
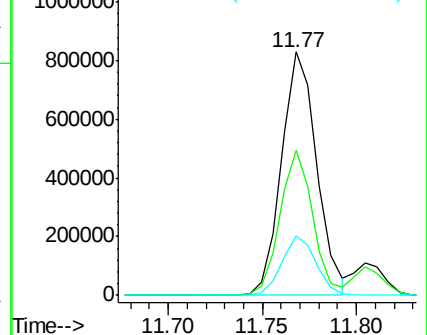
134 23.4 11.9 35.5



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: 48.397 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007076.D

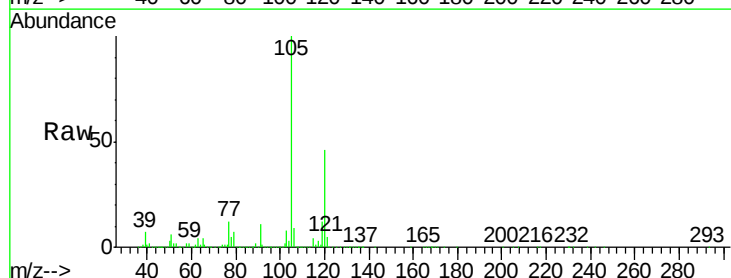
Acq: 16 Jan 2019 16:50

Tgt Ion:105 Resp: 1094181

Ion Ratio Lower Upper

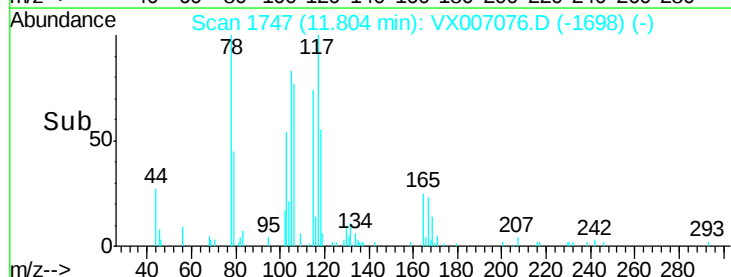
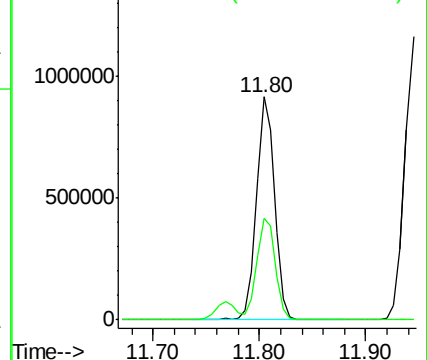
105 100

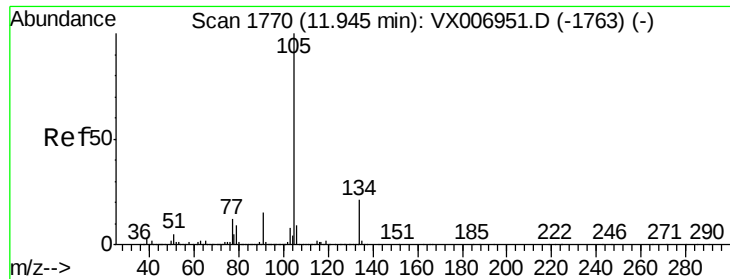
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.423 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

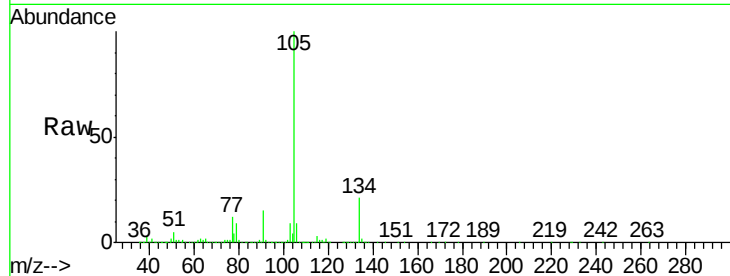
VSTDCCC050EC

Tot Ion:105 Resp: 1324017

Ion Ratio Lower Upper

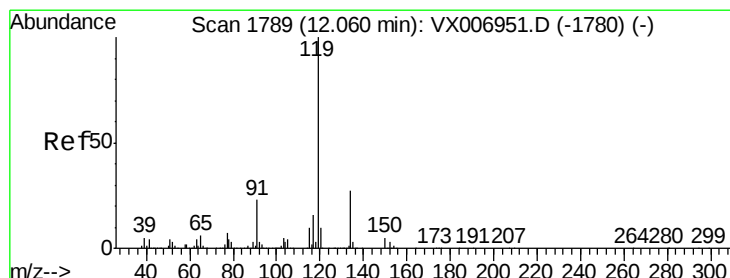
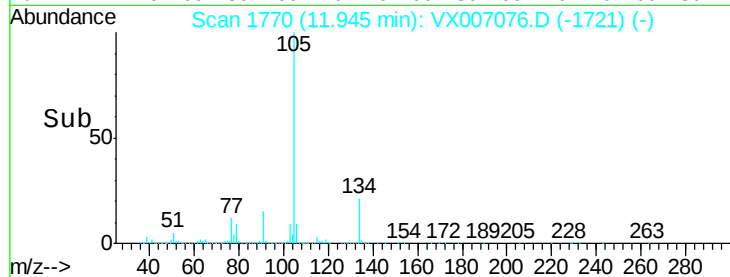
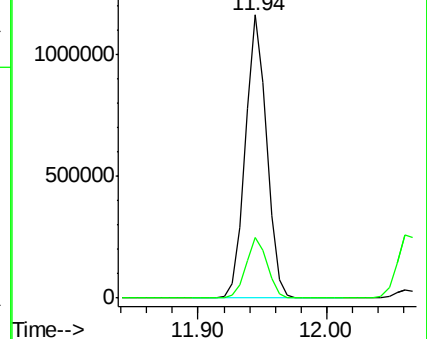
105 100

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: 49.933 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

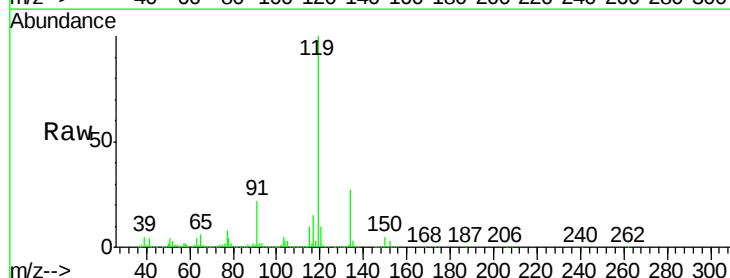
Tgt Ion:119 Resp: 1196516

Ion Ratio Lower Upper

119 100

134 27.0 14.0 41.9

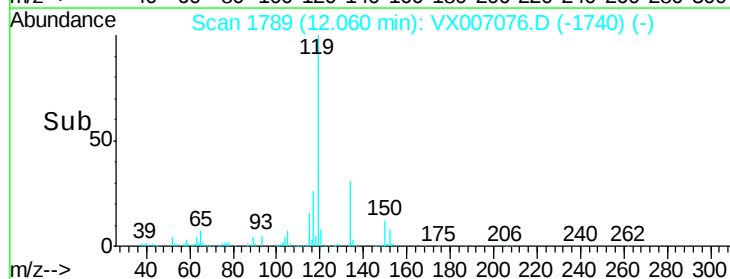
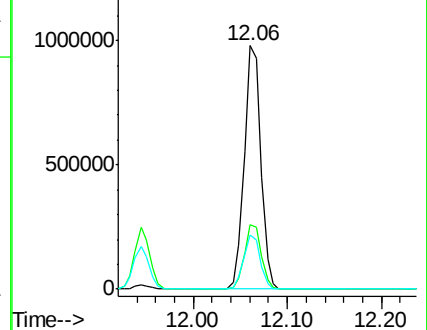
91 22.3 11.3 33.9



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

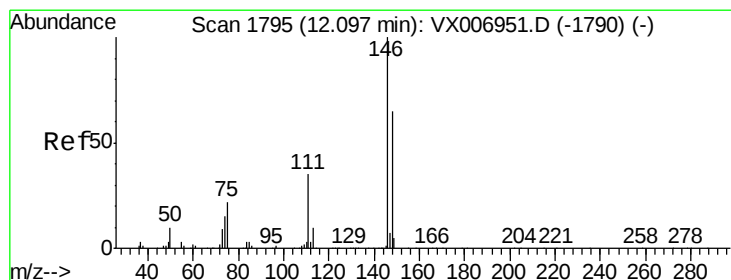
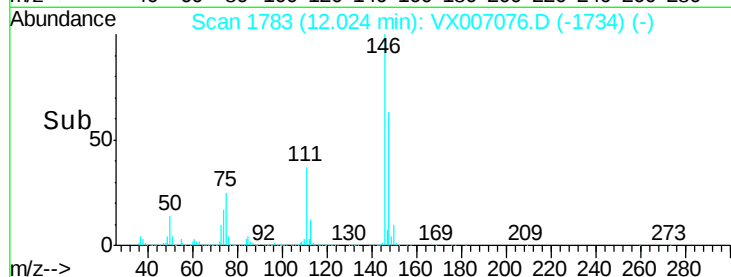
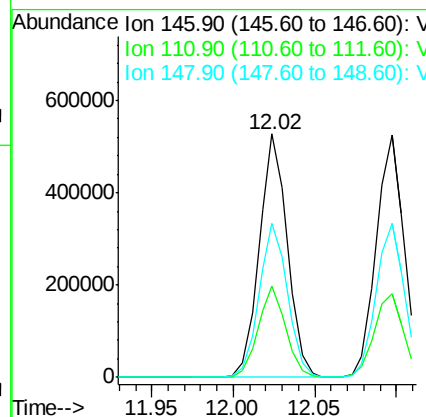
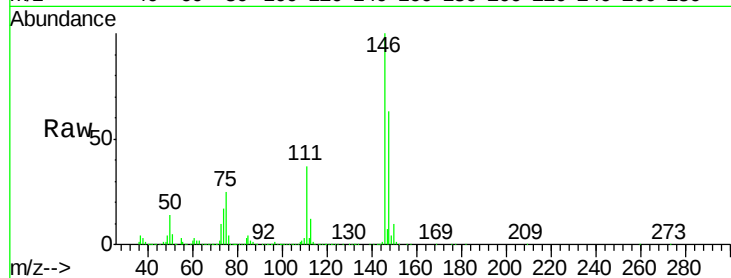




#87
 1,3-Dichlorobenzene
 Concen: 47.072 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

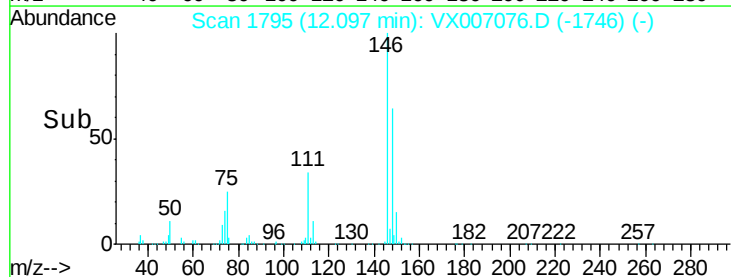
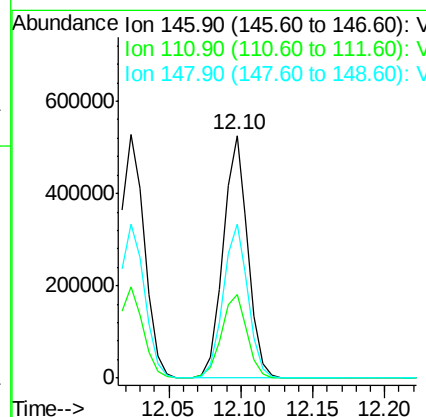
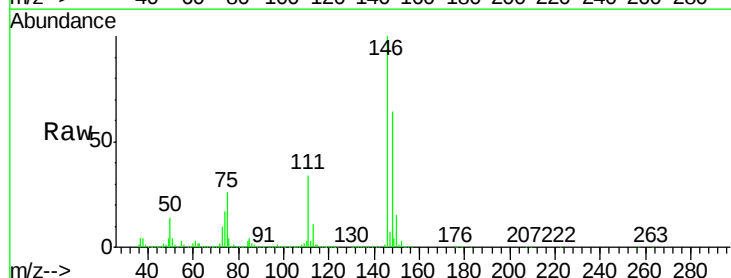
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

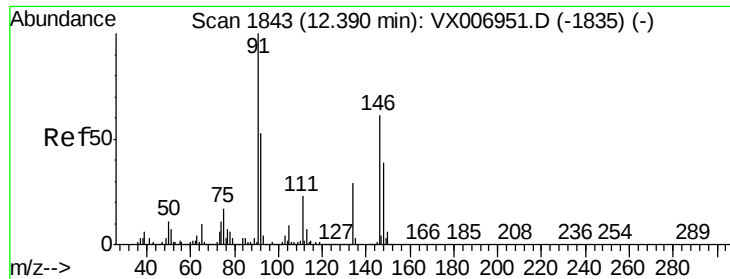
Tot Ion:146 Resp: 630794
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.8
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.565 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

Tgt Ion:146 Resp: 629304
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 64.4 31.9 95.9

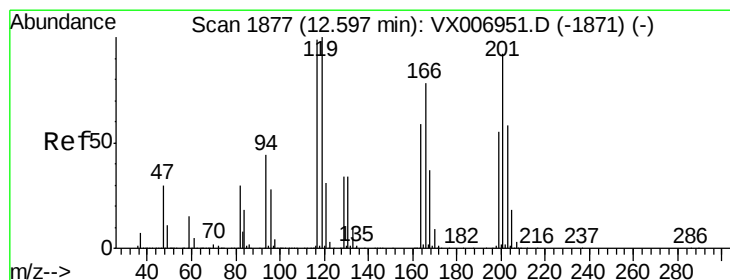
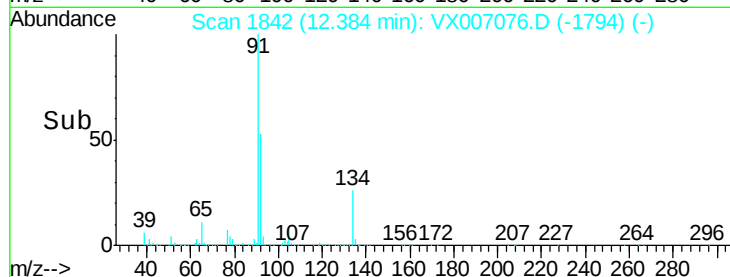
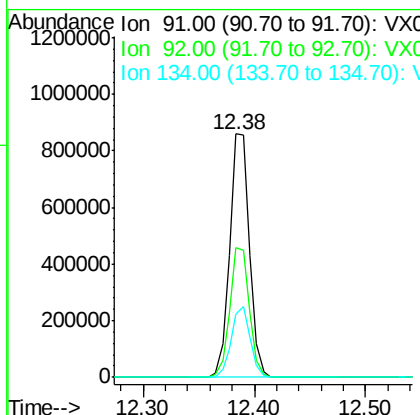
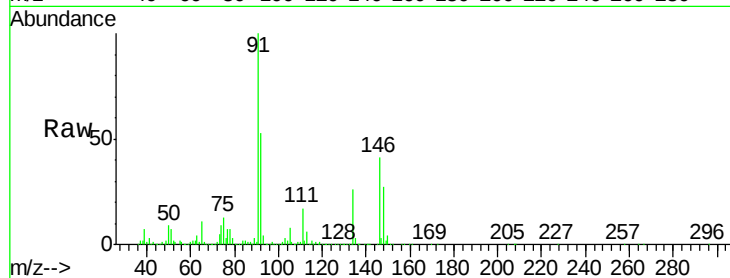




#89
n-Butylbenzene
Concen: 51.201 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

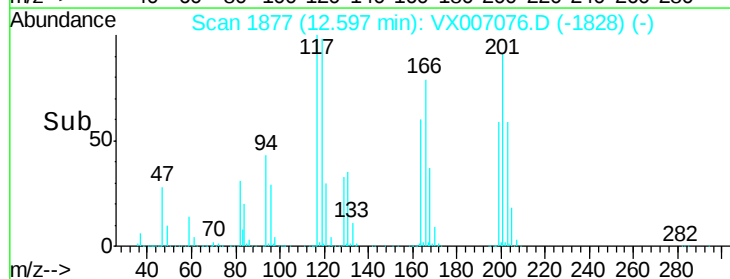
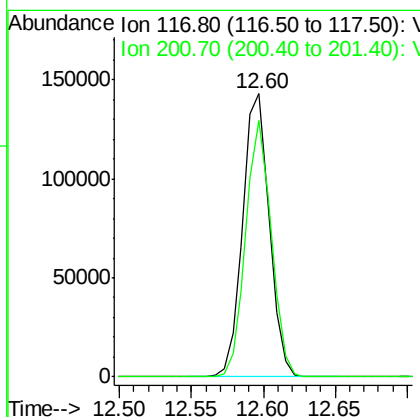
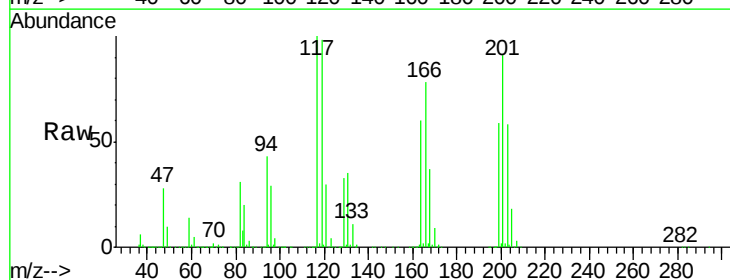
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

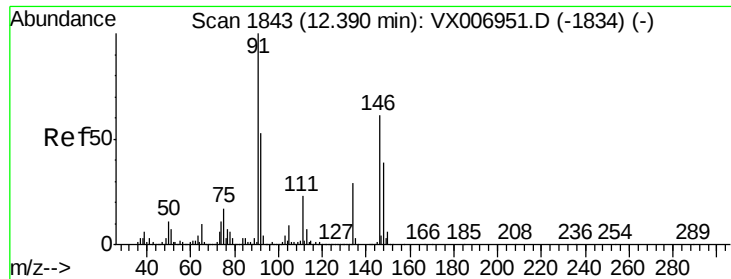
Tot Ion: 91 Resp: 1045897
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 27.9 14.4 43.2



#90
Hexachloroethane
Concen: 47.896 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007076.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 117 Resp: 182730
Ion Ratio Lower Upper
117 100
201 86.8 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 46.313 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

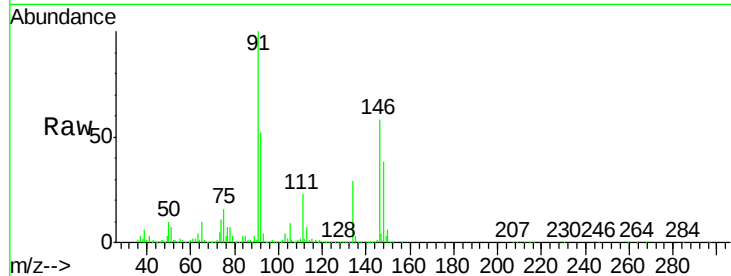
Tot Ion:146 Resp: 612461

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

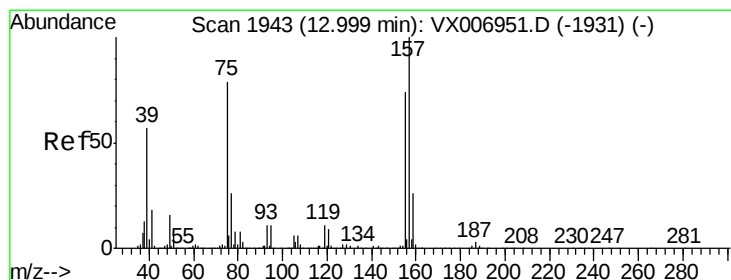
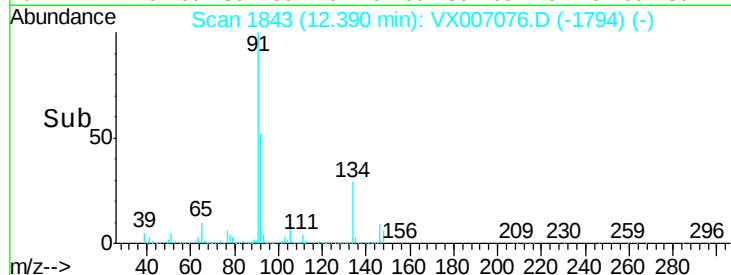
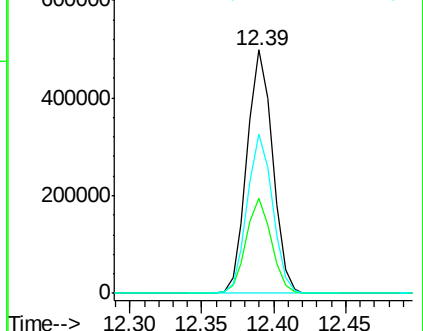
148 64.9 32.3 96.9



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: 47.454 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

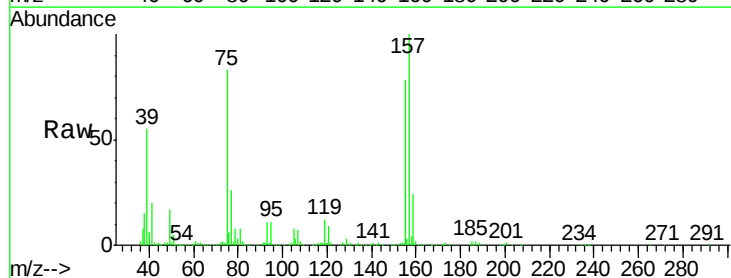
Tgt Ion: 75 Resp: 80170

Ion Ratio Lower Upper

75 100

155 99.2 50.6 151.8

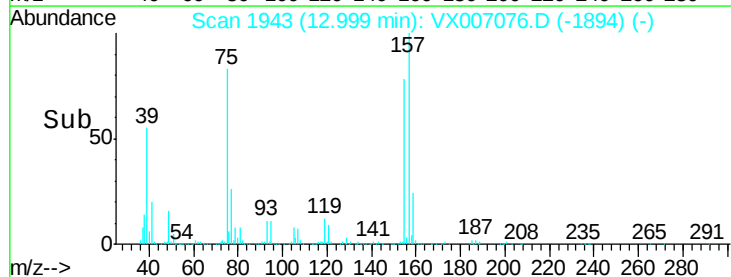
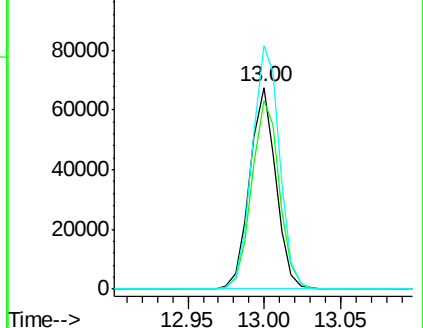
157 126.7 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

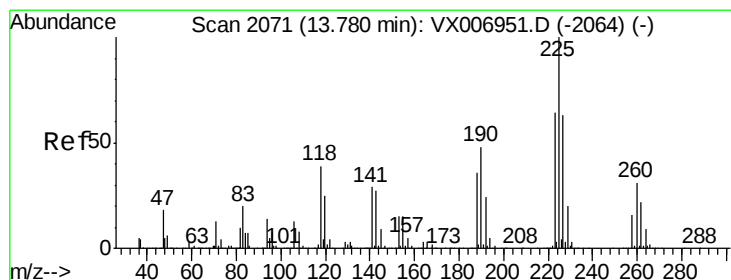
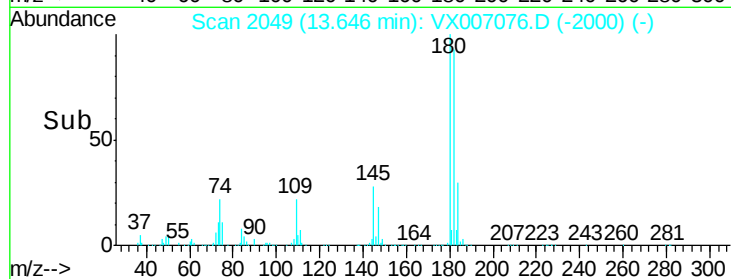
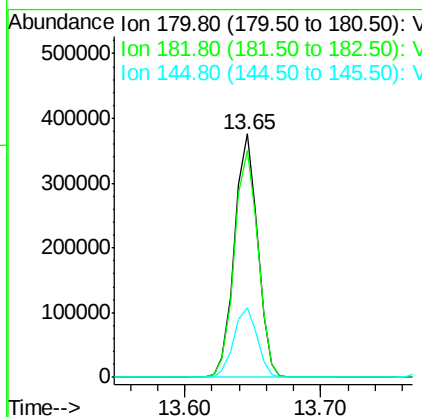
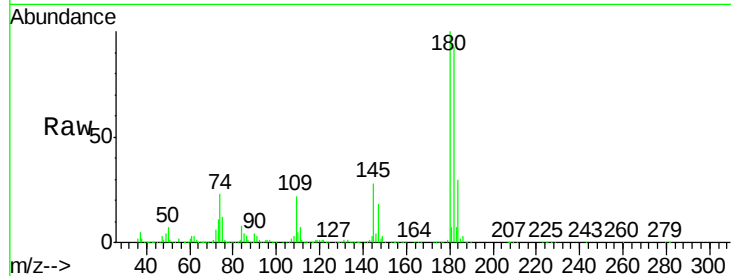




#93
 1,2,4-Trichlorobenzene
 Concen: 49.055 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

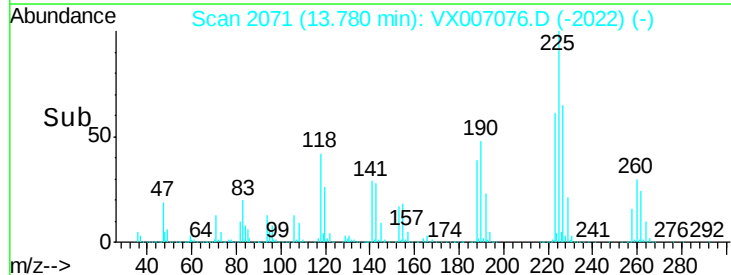
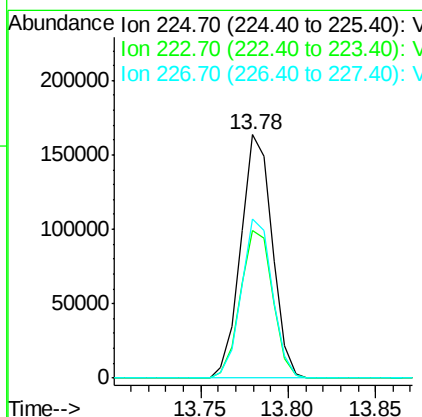
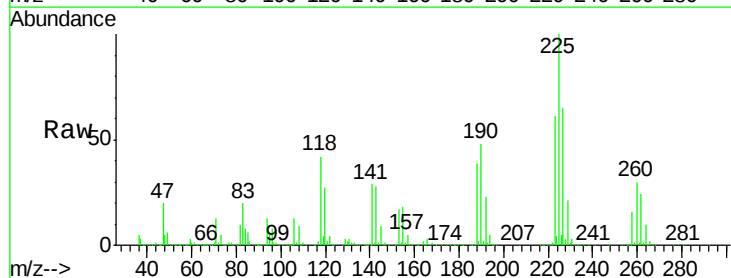
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

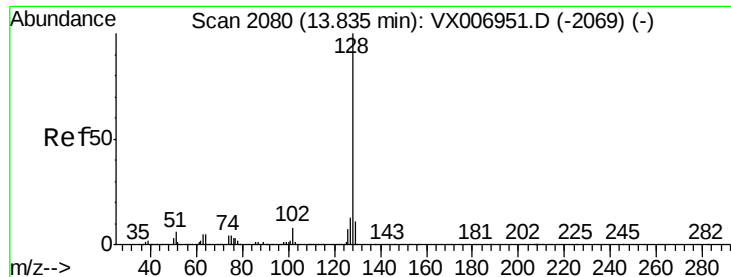
Tot Ion:180 Resp: 445075
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 50.605 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007076.D
 Acq: 16 Jan 2019 16:50

Tgt Ion:225 Resp: 203746
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.1 96.3
 227 64.7 32.3 96.8





#95

Naphthalene

Concen: 47.244 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Instrument :

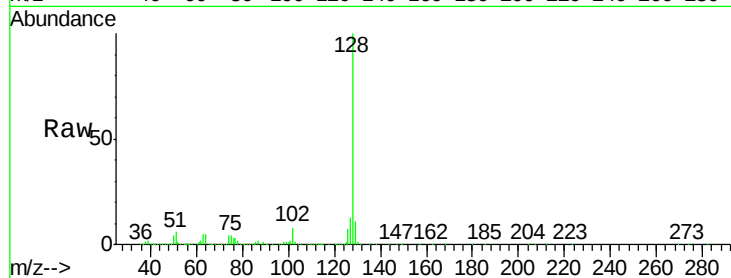
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1298881

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.8	8.6	13.0

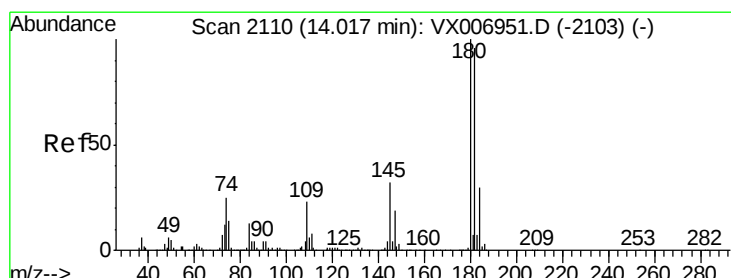
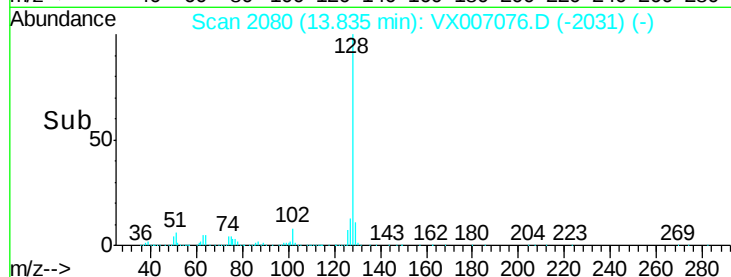


Abundance

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: 48.390 ug/l

RT: 14.02 min Scan# 2110

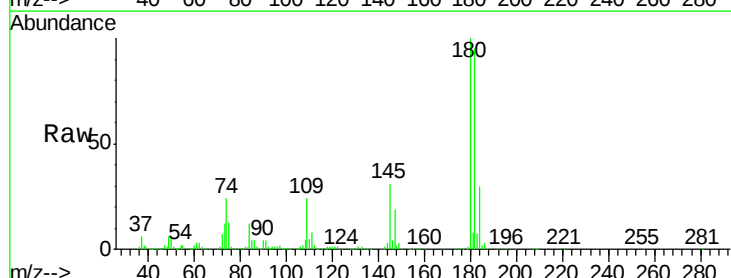
Delta R.T. 0.00 min

Lab File: VX007076.D

Acq: 16 Jan 2019 16:50

Tgt Ion:180 Resp: 436131

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.5	145.5
145	30.8	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

